

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\  
 Data File : BP002801.D  
 Acq On : 20 Jul 2020 15:29  
 Operator : CG/JU  
 Sample : L3177-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 AU-05-071720

Quant Time: Jul 20 16:20:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:54:03 2020  
 Response via : Initial Calibration

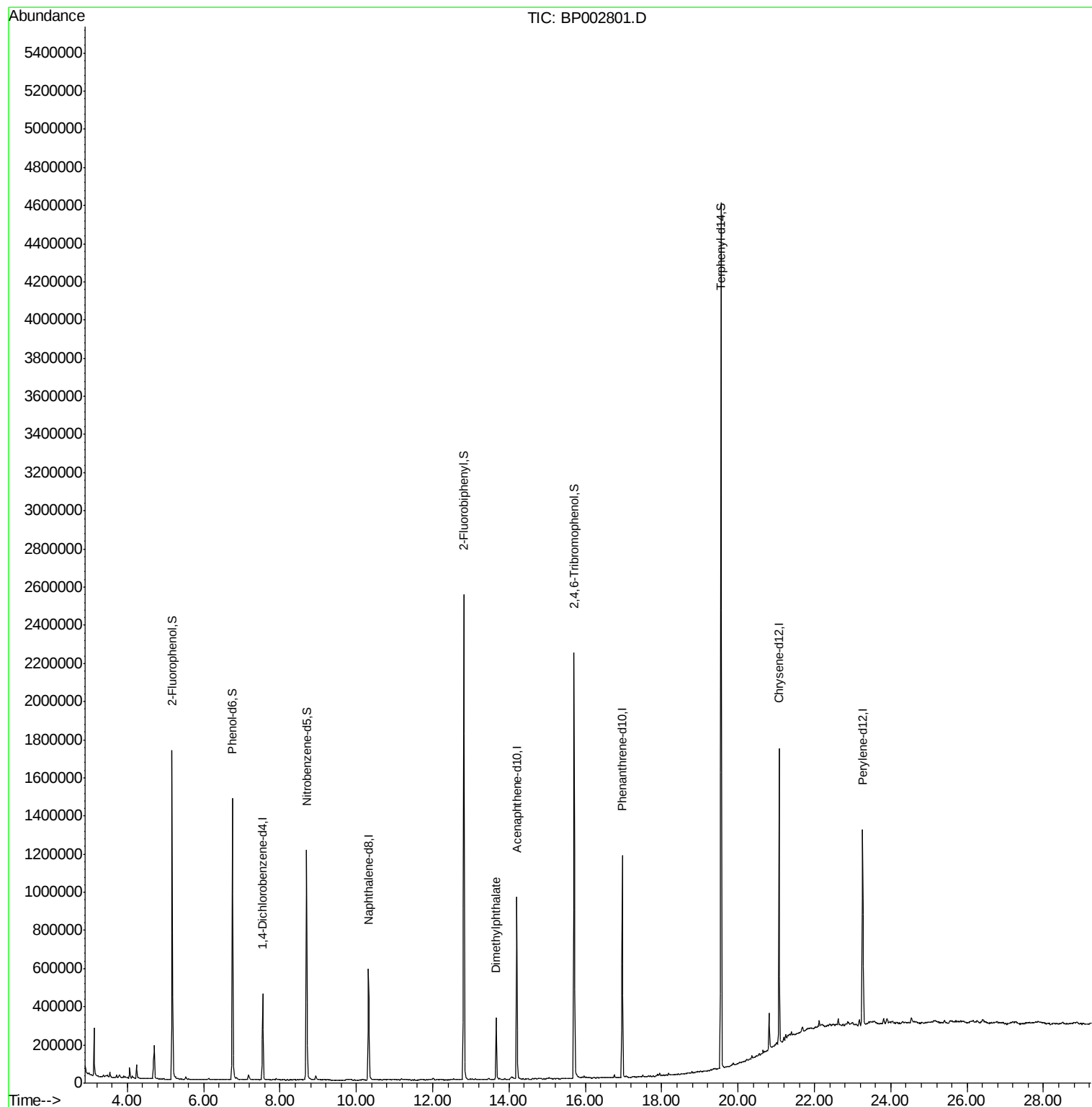
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 118993   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.32 | 136  | 499140   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.20 | 164  | 313941   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 16.96 | 188  | 673529   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.07 | 240  | 727312   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 23.26 | 264  | 680283   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.18  | 112  | 766640   | 108.70 | ng    | 0.00      |
| 7) Phenol-d6                | 6.75  | 99   | 930092   | 92.40  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.69  | 82   | 732547   | 78.49  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.71 | 330  | 408120   | 124.54 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.82 | 172  | 1400276  | 69.00  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.55 | 244  | 2042508  | 64.39  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.66 | 163  | 213566   | 8.920  | ng    | Qvalue 99 |

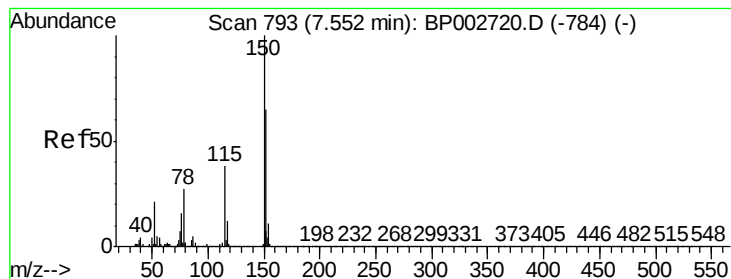
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\  
Data File : BP002801.D  
Acq On : 20 Jul 2020 15:29  
Operator : CG/JU  
Sample : L3177-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
AU-05-071720

Quant Time: Jul 20 16:20:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 13 10:54:03 2020  
Response via : Initial Calibration



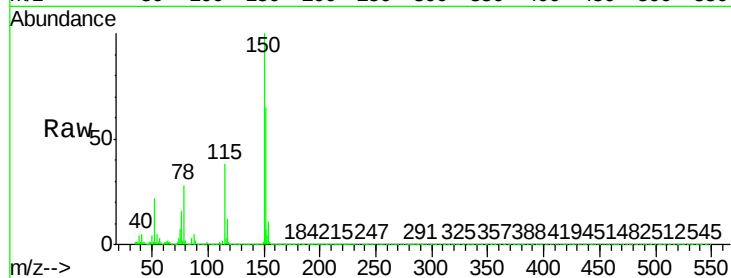


#1

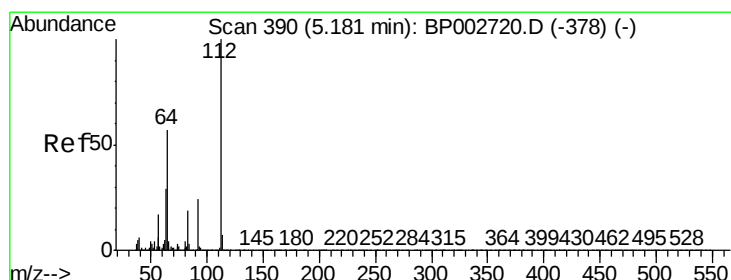
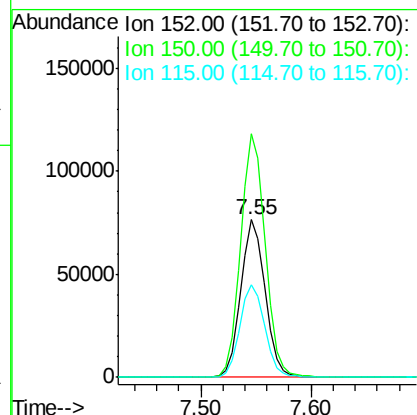
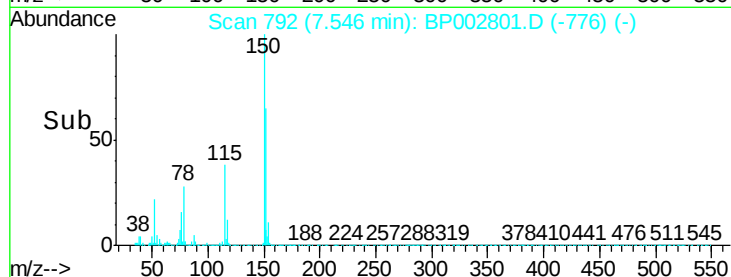
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.55 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
AU-05-071720

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 123.7 | 185.5 |
| 115     | 58.6  | 47.2  | 70.8  |



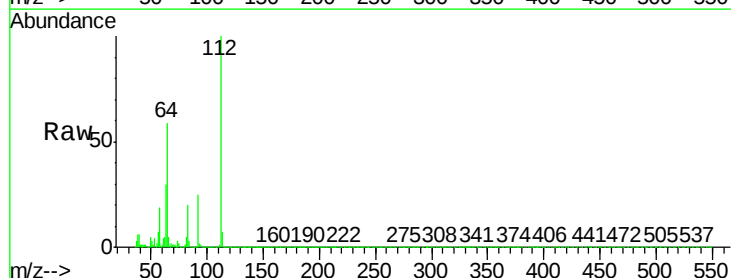
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



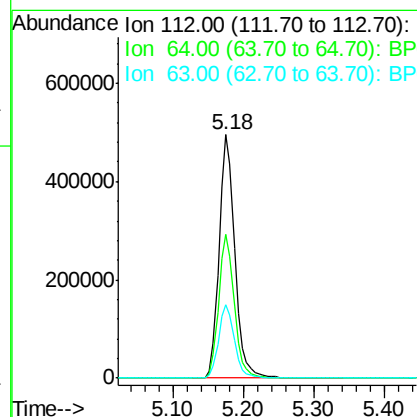
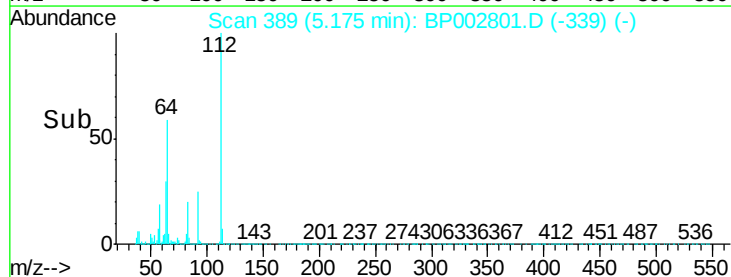
#5

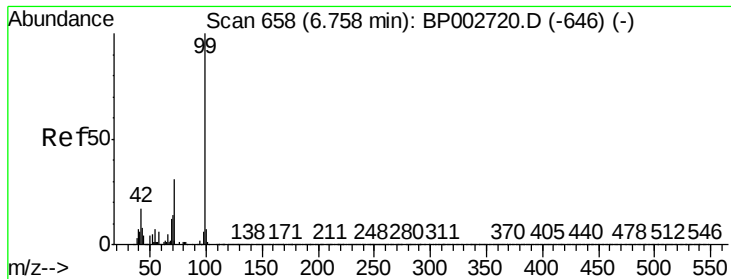
2-Fluorophenol  
Concen: 108.701 ng  
RT: 5.18 min Scan# 389  
Delta R.T. -0.01 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.0  | 45.6  | 68.4  |
| 63      | 30.4  | 23.5  | 35.3  |



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: 92.405 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

Instrument :

BNA\_P

ClientSampleId :

AU-05-071720

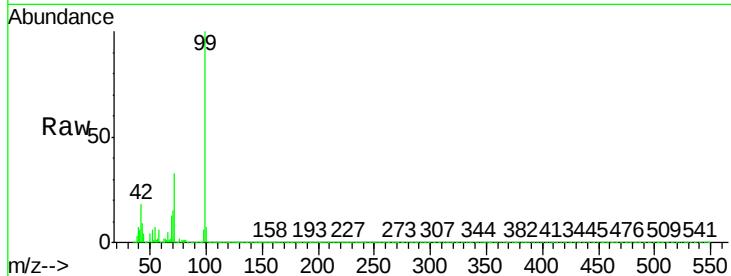
Tot Ion: 99 Resp: 930092

Ion Ratio Lower Upper

99 100

42 17.8 13.4 20.2

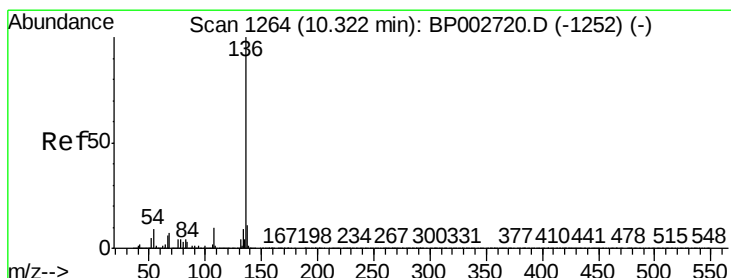
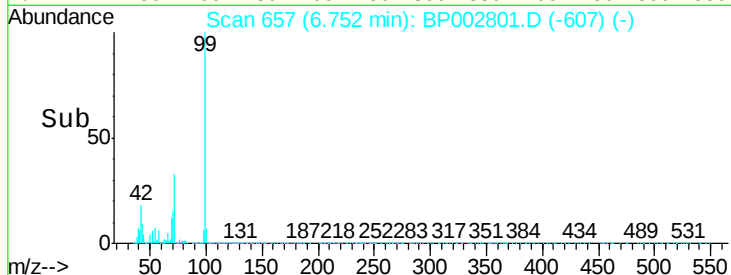
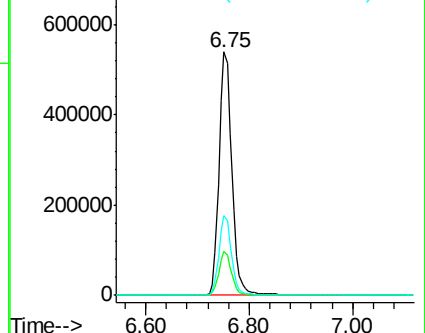
71 32.7 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

Tgt Ion: 136 Resp: 499140

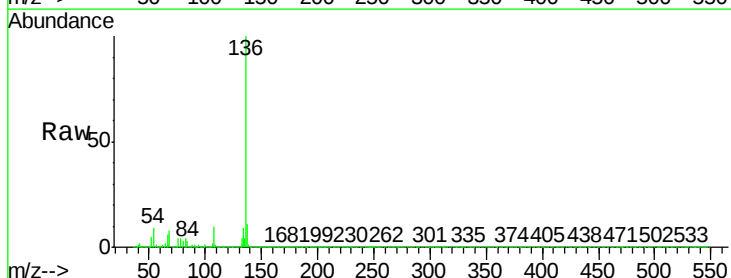
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 6.9 10.3

68 7.5 5.7 8.5

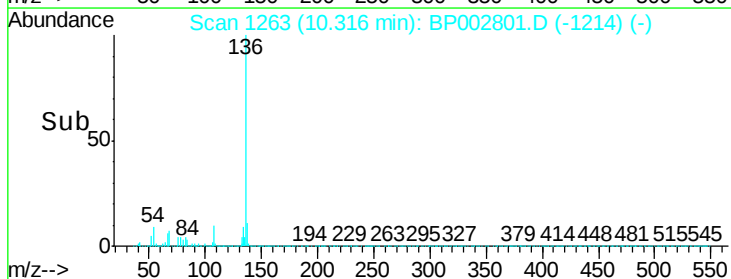
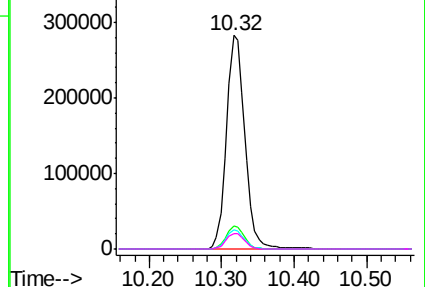


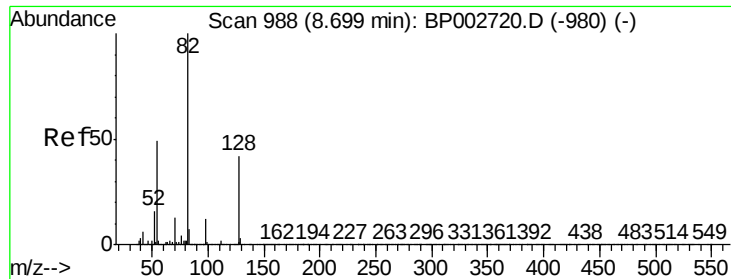
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

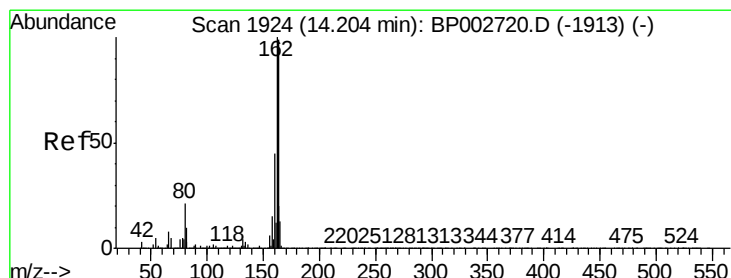
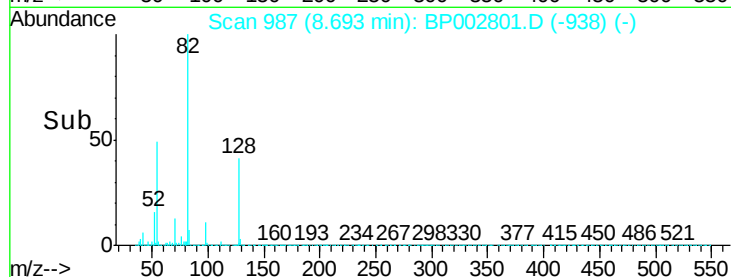
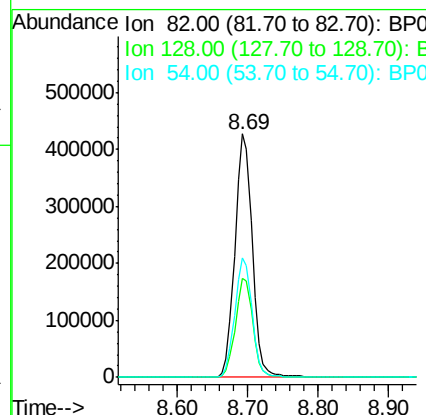
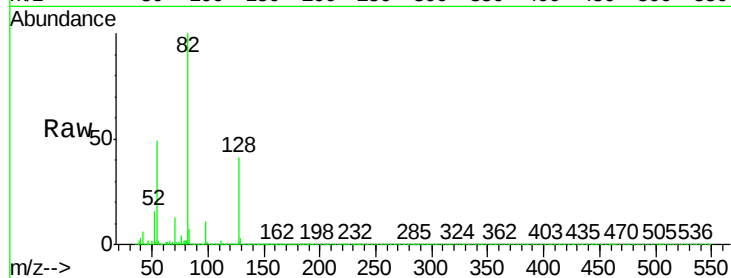




#23  
Nitrobenzene-d5  
Concen: 78.493 ng  
RT: 8.69 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

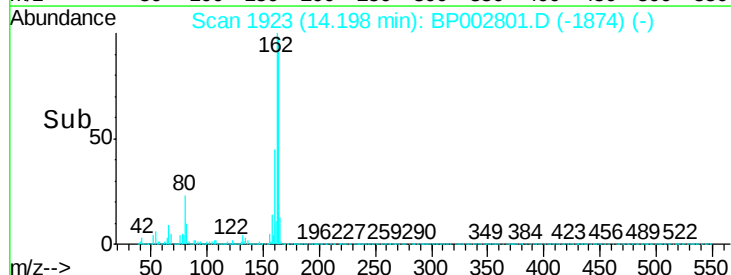
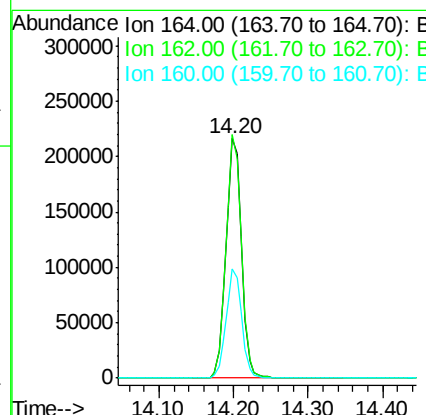
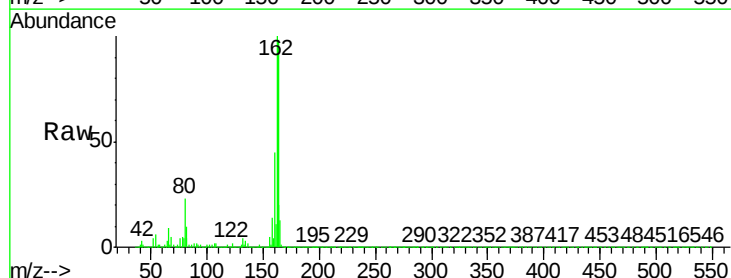
Instrument :  
BNA\_P  
ClientSampleId :  
AU-05-071720

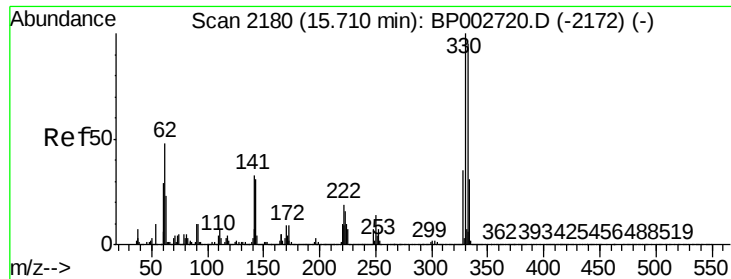
| Tot Ion   | 82    | Resp  | 732547 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.6  | 33.8  | 50.8   |
| 54        | 48.8  | 38.8  | 58.2   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.20 min Scan# 1923  
Delta R.T. -0.01 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

| Tgt Ion   | 164   | Resp  | 313941 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.7 | 80.6  | 121.0  |
| 160       | 45.8  | 36.4  | 54.6   |

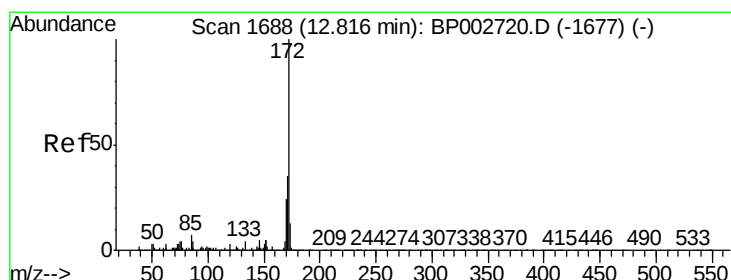
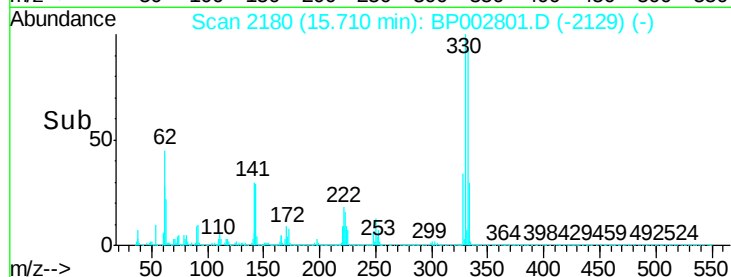
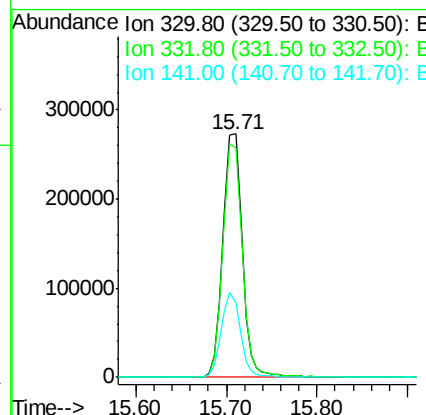
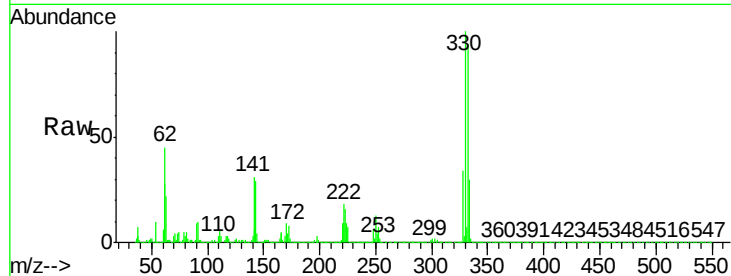




#42  
 2,4,6-Tribromophenol  
 Concen: 124.539 ng  
 RT: 15.71 min Scan# 2180  
 Delta R.T. 0.00 min  
 Lab File: BP002801.D  
 Acq: 20 Jul 2020 15:29

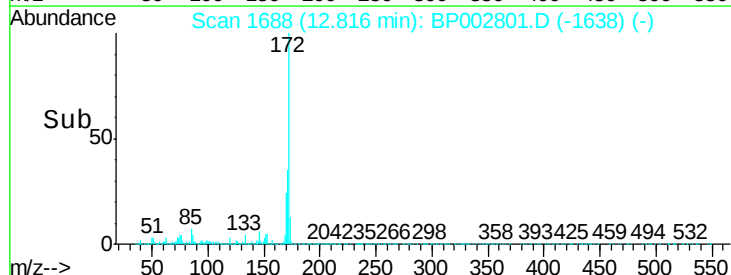
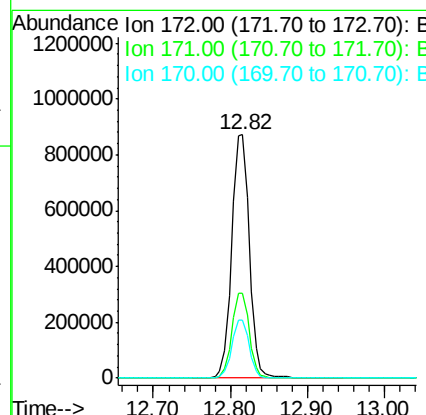
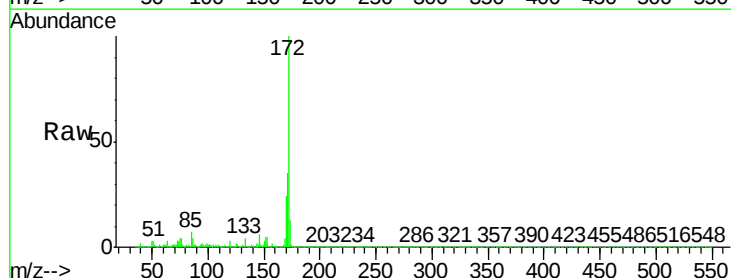
Instrument :  
 BNA\_P  
 ClientSampleId :  
 AU-05-071720

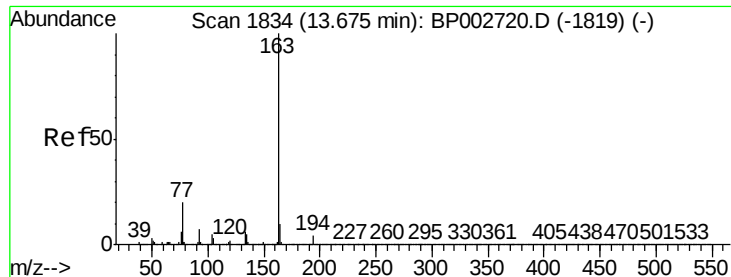
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.5  | 114.7 |
| 141     | 34.3  | 28.8  | 43.2  |



#45  
 2-Fluorobiphenyl  
 Concen: 69.000 ng  
 RT: 12.82 min Scan# 1688  
 Delta R.T. -0.01 min  
 Lab File: BP002801.D  
 Acq: 20 Jul 2020 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.1  | 42.1  |
| 170     | 24.0  | 19.3  | 28.9  |





#50

Dimethylphthalate

Concen: 8.920 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

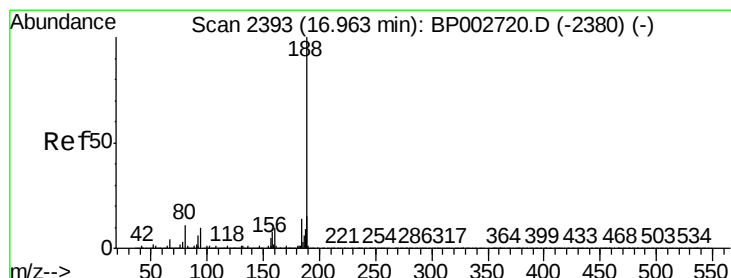
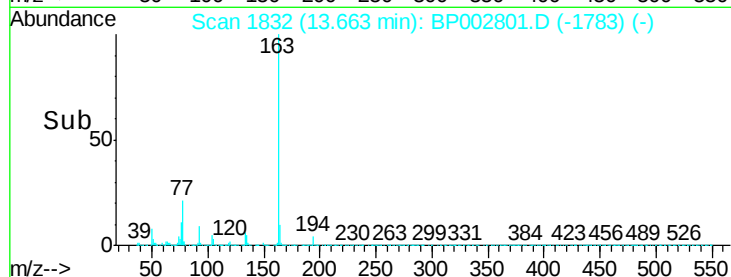
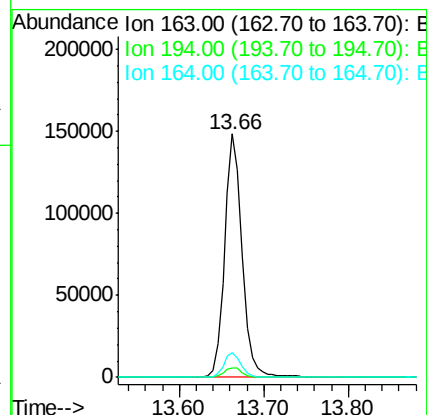
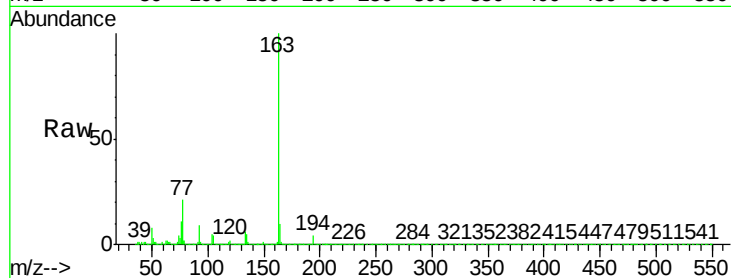
Instrument :

BNA\_P

ClientSampleId :

AU-05-071720

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:163 | Resp: | 213566      |
| Ion         | Ratio | Lower Upper |
| 163         | 100   |             |
| 194         | 3.8   | 3.4 5.2     |
| 164         | 10.0  | 7.8 11.8    |



#64

Phenanthrene-d10

Concen: 20.000 ng

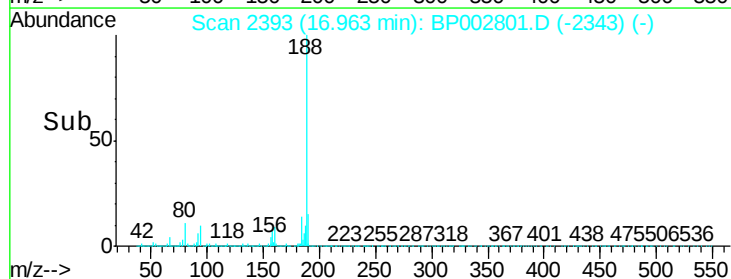
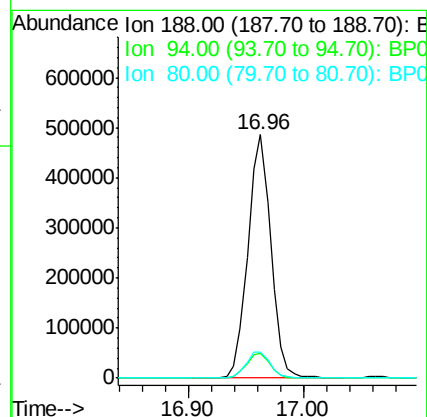
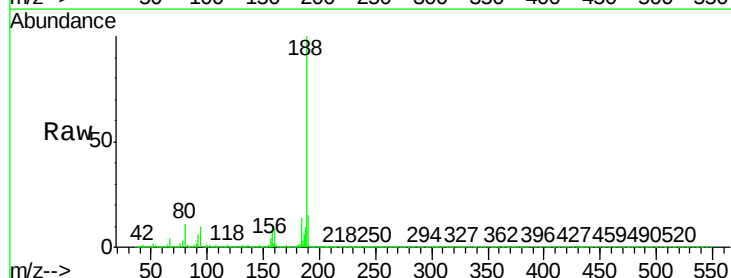
RT: 16.96 min Scan# 2393

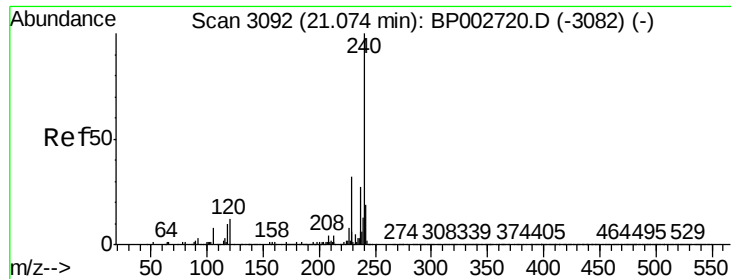
Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:188 | Resp: | 673529      |
| Ion         | Ratio | Lower Upper |
| 188         | 100   |             |
| 94          | 10.2  | 8.1 12.1    |
| 80          | 10.9  | 8.9 13.3    |

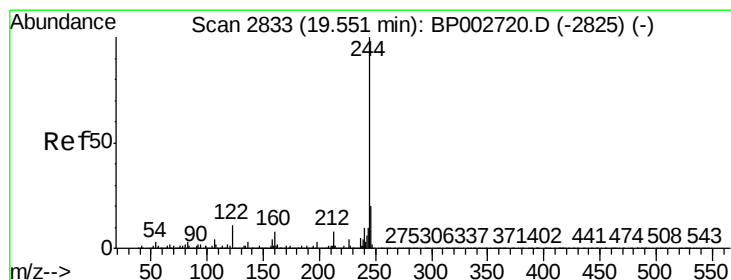
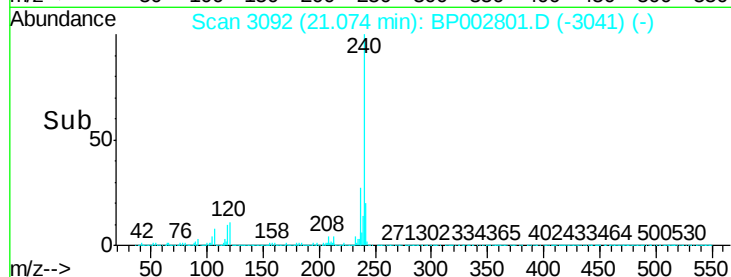
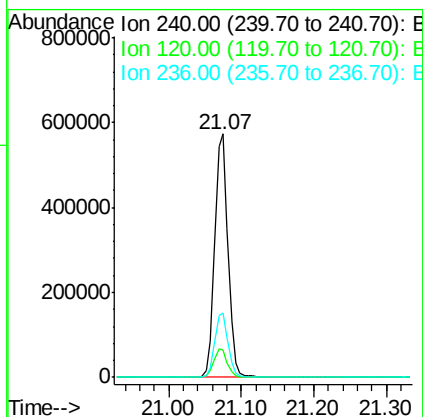
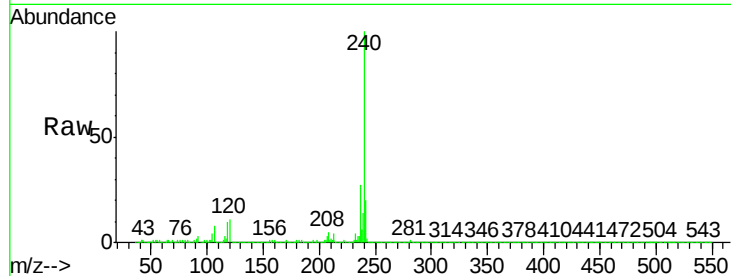




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.07 min Scan# 3092  
Delta R.T. 0.00 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

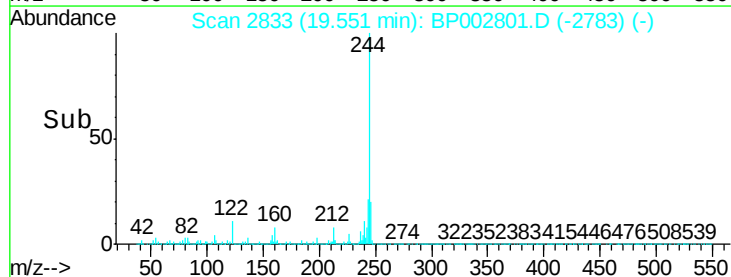
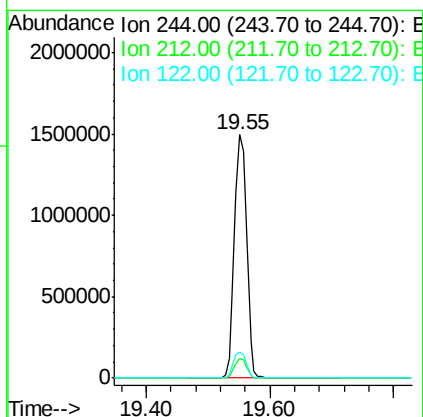
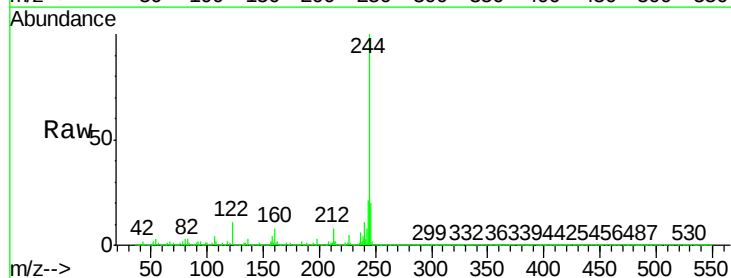
Instrument :  
BNA\_P  
ClientSampleId :  
AU-05-071720

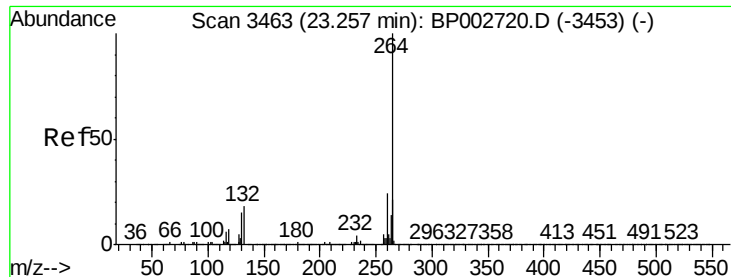
Tot Ion:240 Resp: 727312  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.4 14.2  
236 26.6 21.3 31.9



#79  
Terphenyl-d14  
Concen: 64.386 ng  
RT: 19.55 min Scan# 2833  
Delta R.T. -0.01 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

Tgt Ion:244 Resp: 2042508  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.0 9.0  
122 10.8 8.9 13.3





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.26 min Scan# 3464  
Delta R.T. 0.00 min  
Lab File: BP002801.D  
Acq: 20 Jul 2020 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
AU-05-071720

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 680283 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.5  | 19.3  | 28.9   |
| 265      | 22.4  | 16.8  | 25.2   |

