

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\  
 Data File : BP002787.D  
 Acq On : 17 Jul 2020 12:22  
 Operator : CG/JU  
 Sample : L3308-20  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20

Quant Time: Jul 17 13:12:31 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

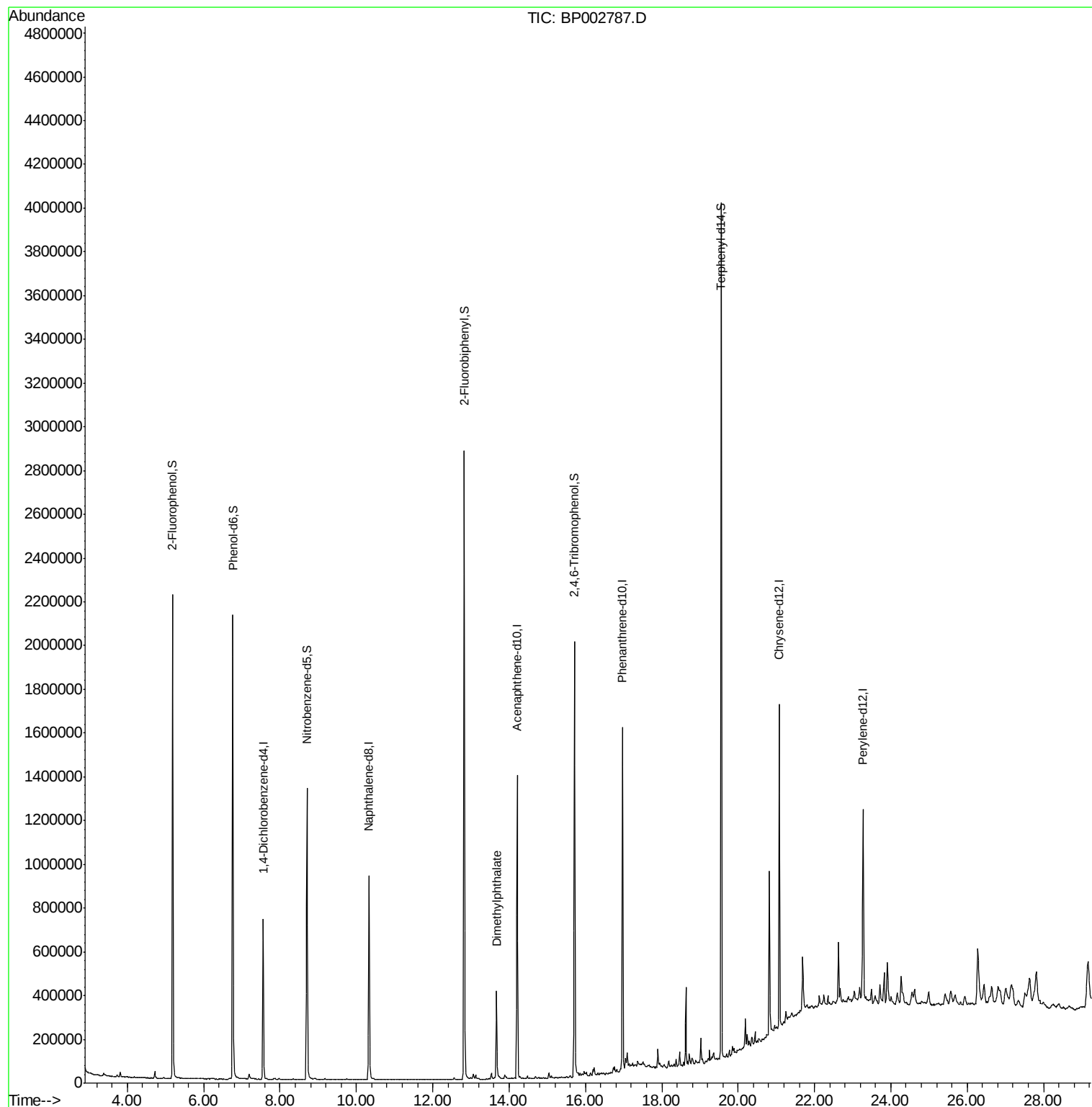
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 190677   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.33 | 136  | 782530   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.21 | 164  | 474030   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.97 | 188  | 942188   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.08 | 240  | 694409   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 23.27 | 264  | 583067   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 974716   | 86.25 | ng    | 0.00     |
| 7) Phenol-d6                | 6.76  | 99   | 1292896  | 80.16 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.70  | 82   | 810238   | 55.38 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 386987   | 78.21 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.82 | 172  | 1546395  | 50.47 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.56 | 244  | 1749728  | 57.77 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 13.67 | 163  | 279400   | 7.729 | ng    | 99       |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 13 10:54:03 2020  
Response via : Initial Calibration



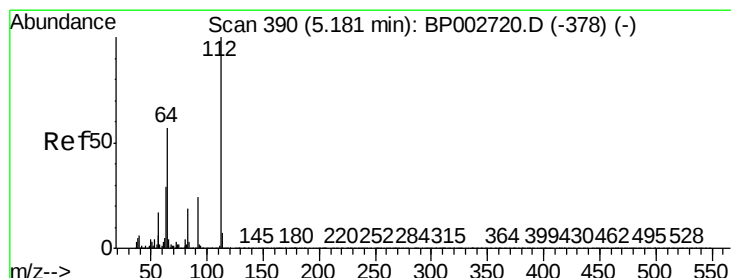
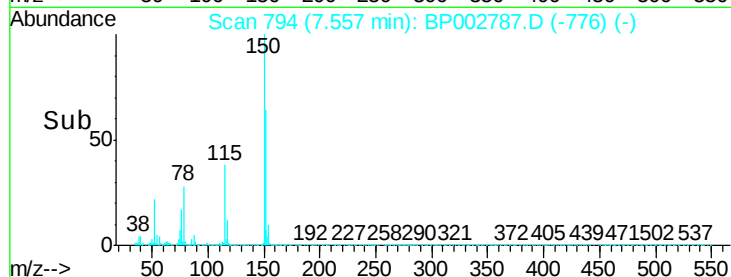
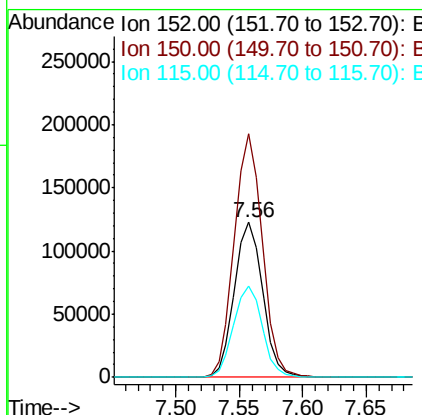
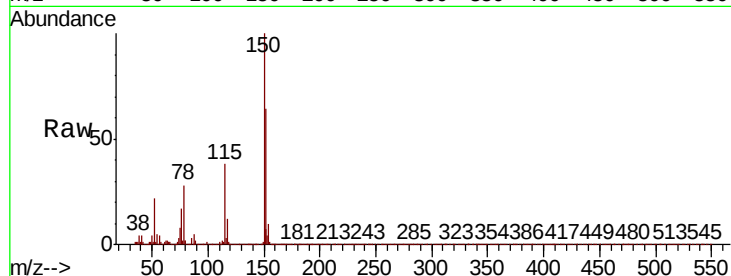


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.56 min Scan# 794  
Delta R.T. 0.01 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

Instrument :  
BNA\_P  
ClientSampleId :  
20

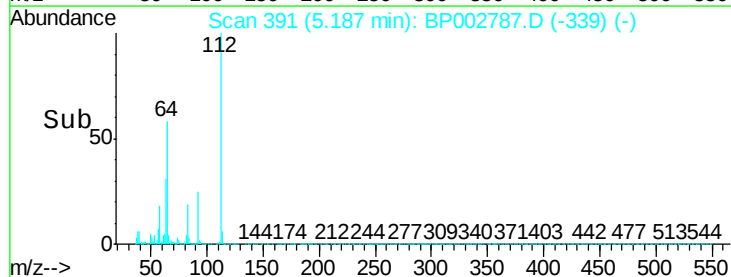
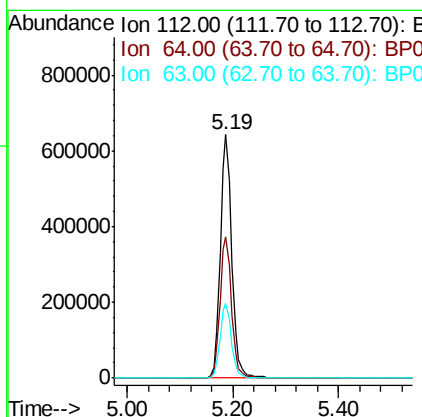
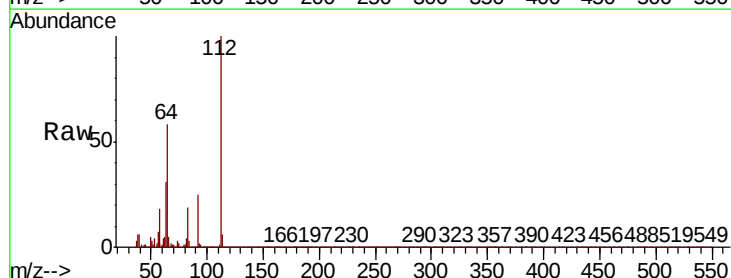
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.3 | 123.7 | 185.5 |
| 115     | 59.3  | 47.2  | 70.8  |

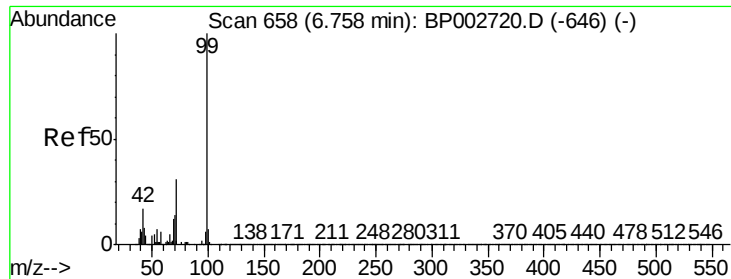


#5

2-Fluorophenol  
Concen: 86.247 ng  
RT: 5.19 min Scan# 391  
Delta R.T. 0.01 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.9  | 45.6  | 68.4  |
| 63      | 30.7  | 23.5  | 35.3  |





#7

Phenol-d6

Concen: 80.159 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

Instrument :

BNA\_P

ClientSampled :

20

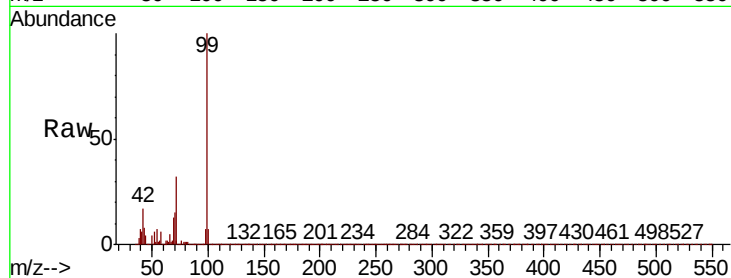
Tot Ion: 99 Resp: 1292896

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.2

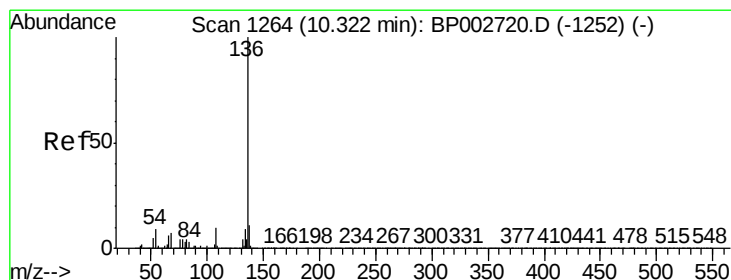
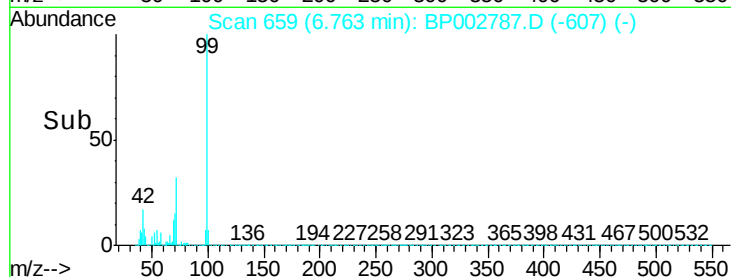
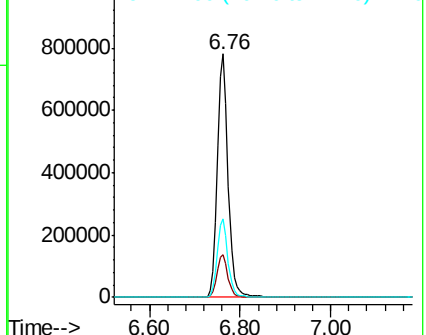
71 32.0 24.6 36.8



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: 10.33 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

Tgt Ion: 136 Resp: 782530

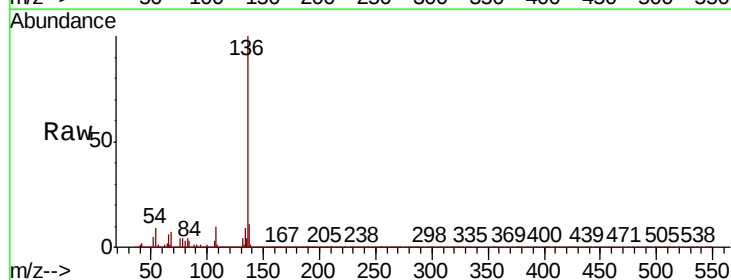
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 6.9 10.3

68 7.3 5.7 8.5

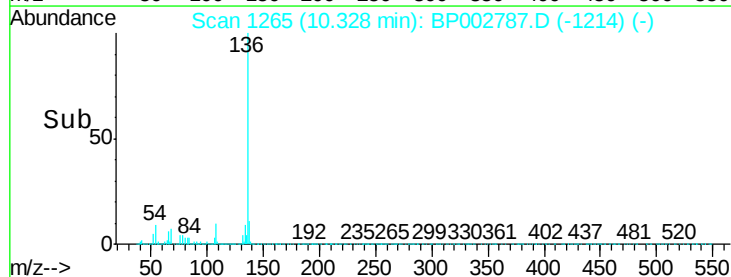
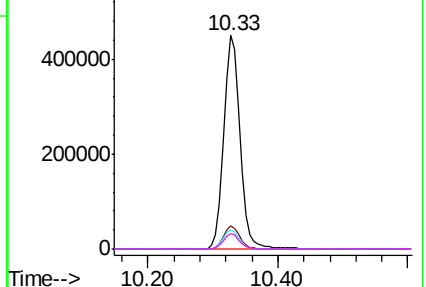


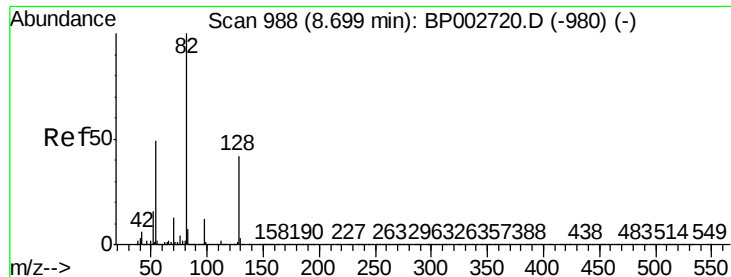
Abundance Ion 136.00 (135.70 to 136.70): E

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

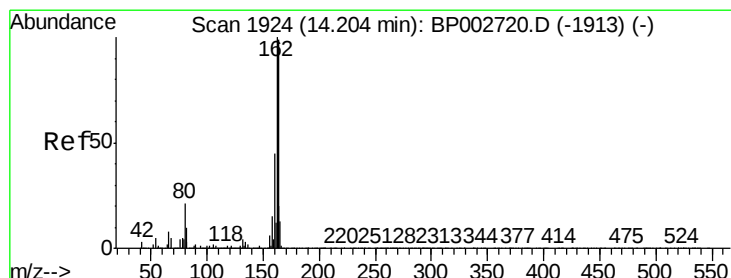
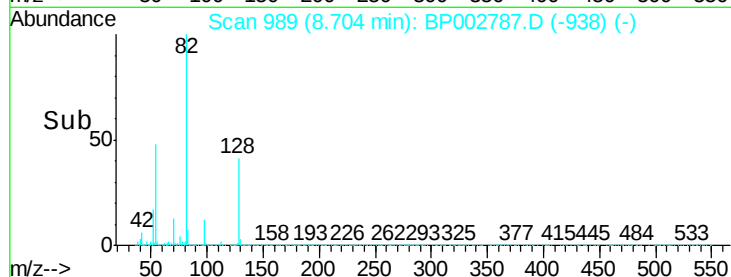
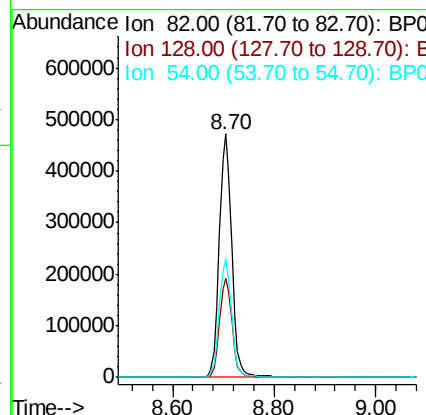
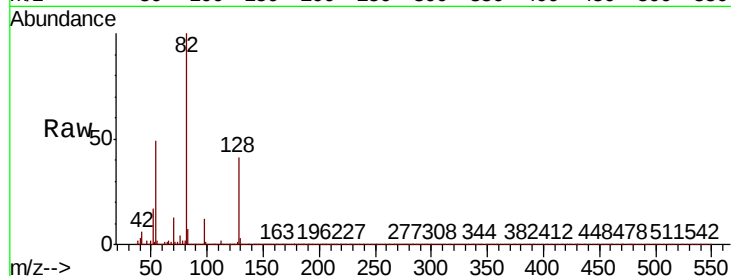




#23  
 Nitrobenzene-d5  
 Concen: 55.377 ng  
 RT: 8.70 min Scan# 989  
 Delta R.T. -0.00 min  
 Lab File: BP002787.D  
 Acq: 17 Jul 2020 12:22

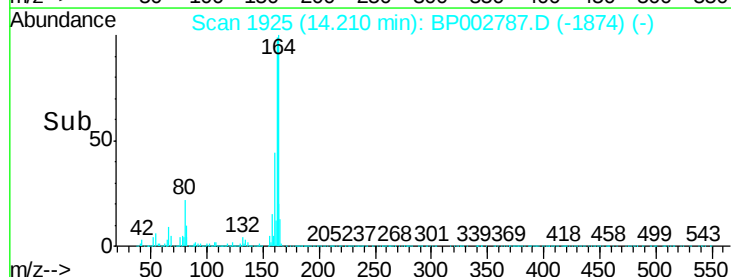
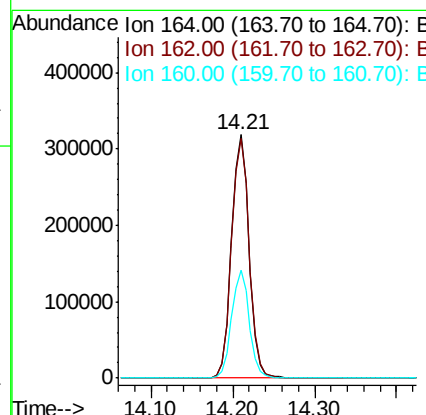
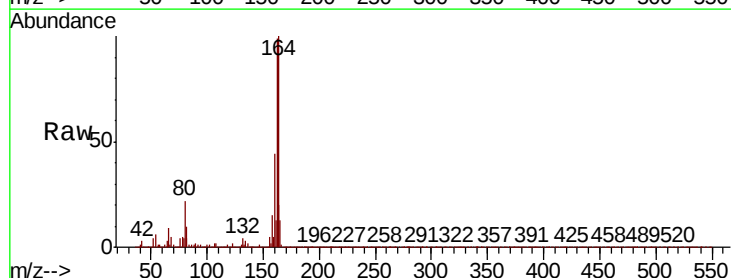
Instrument :  
 BNA\_P  
 ClientSampleId :  
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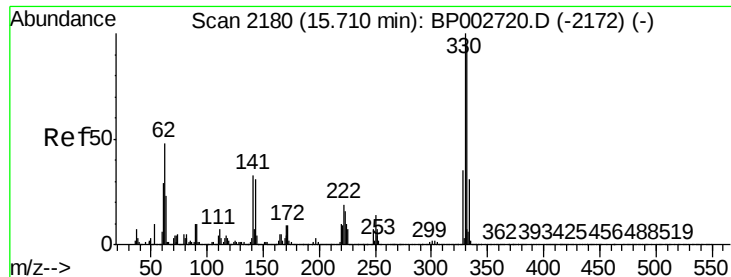
| Tot Ion   | 82    | Resp  | 810238 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.9  | 33.8  | 50.8   |
| 54        | 48.5  | 38.8  | 58.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.21 min Scan# 1925  
 Delta R.T. -0.00 min  
 Lab File: BP002787.D  
 Acq: 17 Jul 2020 12:22

| Tgt Ion   | 164   | Resp  | 474030 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.5  | 80.6  | 121.0  |
| 160       | 44.4  | 36.4  | 54.6   |

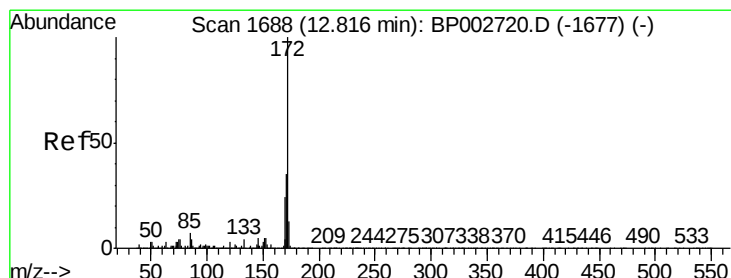
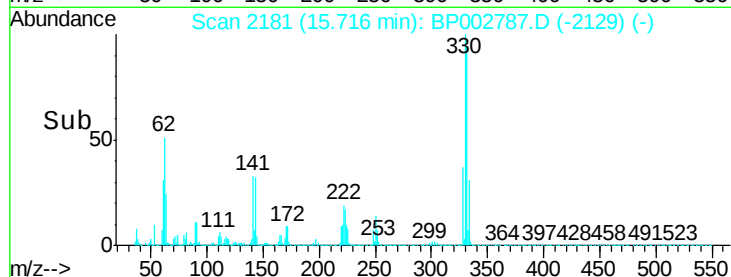
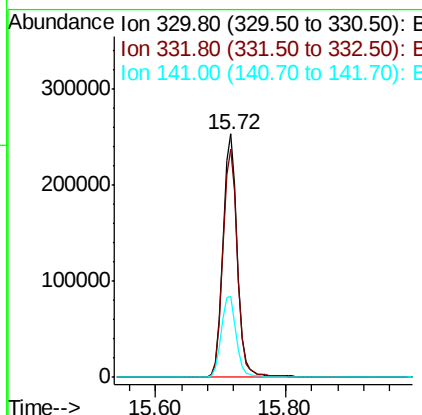
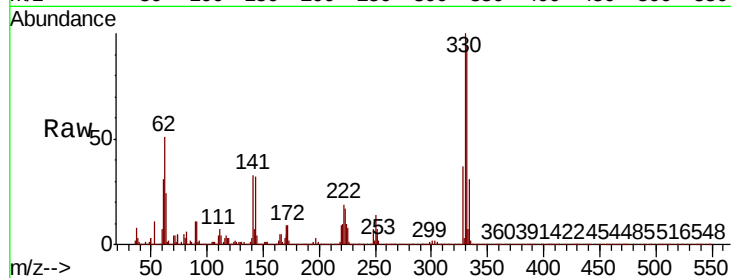




#42  
2,4,6-Tribromophenol  
Concen: 78.209 ng  
RT: 15.72 min Scan# 2181  
Delta R.T. 0.01 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

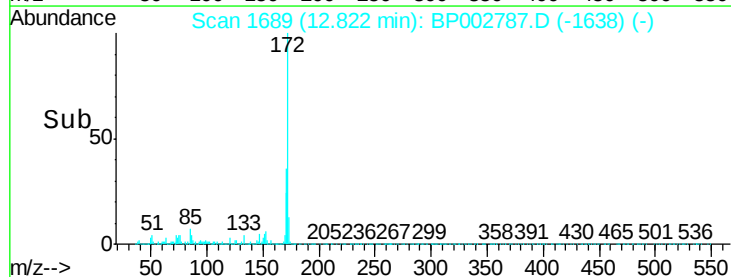
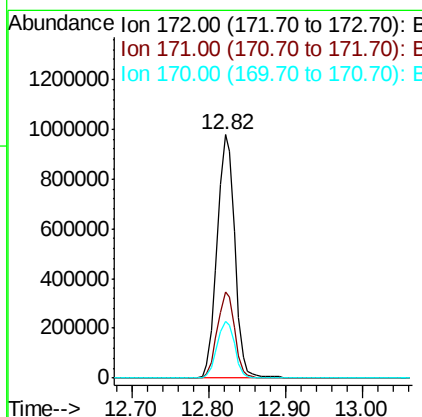
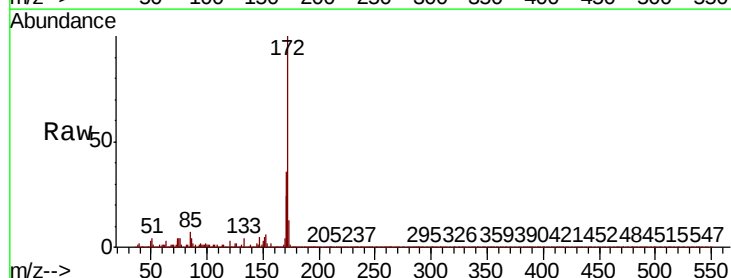
Instrument :  
BNA\_P  
ClientSampleId :  
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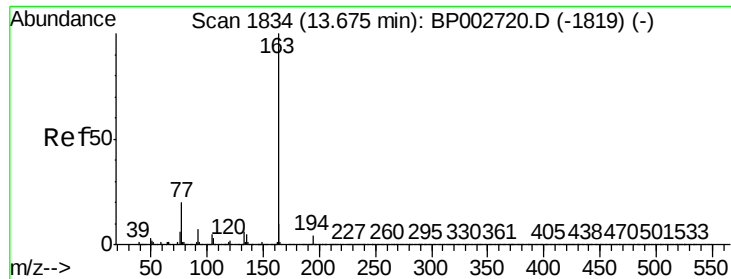
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.1  | 76.5  | 114.7 |
| 141     | 35.1  | 28.8  | 43.2  |



#45  
2-Fluorobiphenyl  
Concen: 50.466 ng  
RT: 12.82 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 28.1  | 42.1  |
| 170     | 23.5  | 19.3  | 28.9  |

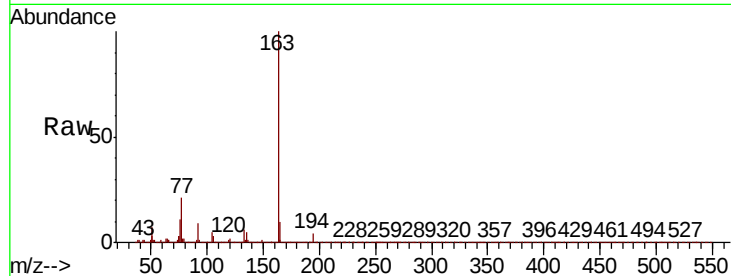




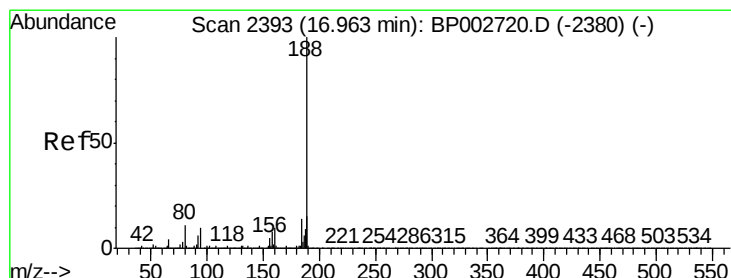
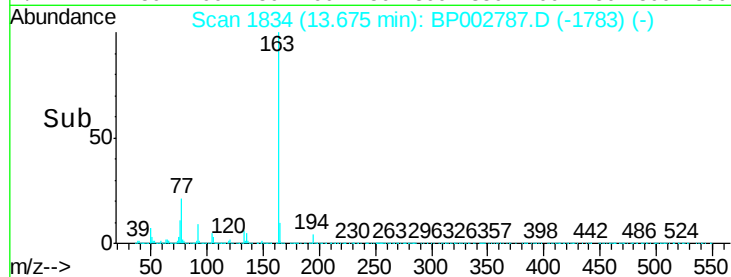
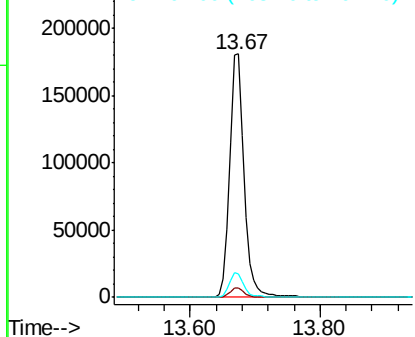
#50  
Dimethylphthalate  
Concen: 7.729 ng  
RT: 13.67 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

Instrument :  
BNA\_P  
ClientSampleId :  
20

Tot Ion:163 Resp: 279400  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.2  
164 9.6 7.8 11.8

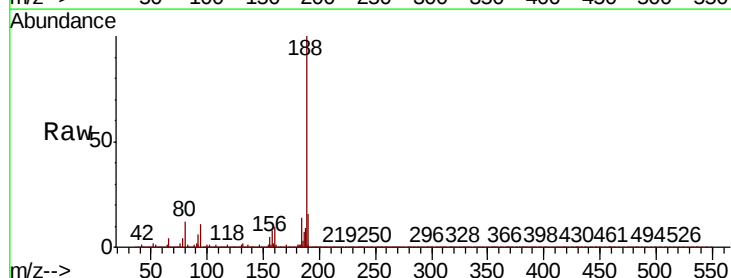


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

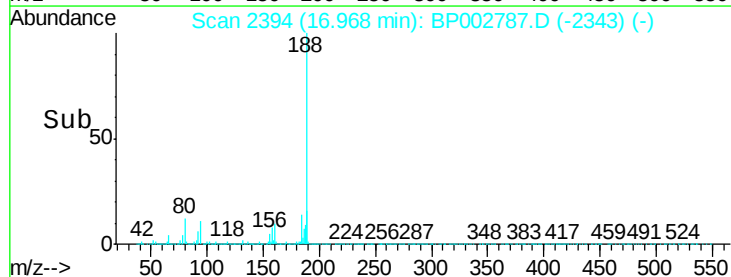
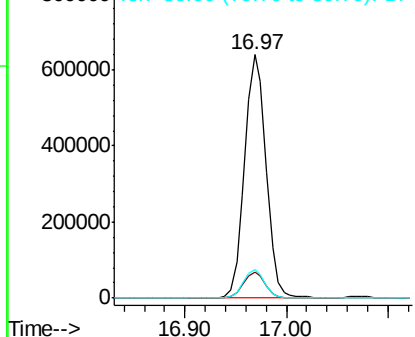


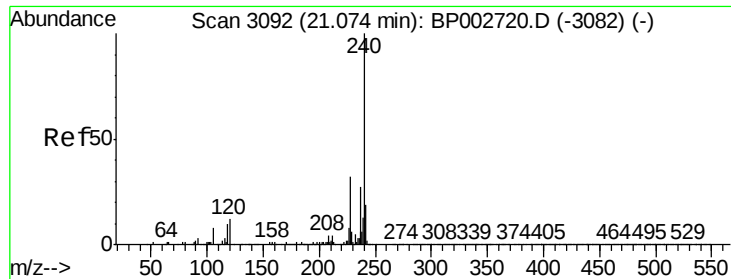
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.97 min Scan# 2394  
Delta R.T. -0.00 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

Tgt Ion:188 Resp: 942188  
Ion Ratio Lower Upper  
188 100  
94 10.8 8.1 12.1  
80 11.9 8.9 13.3



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

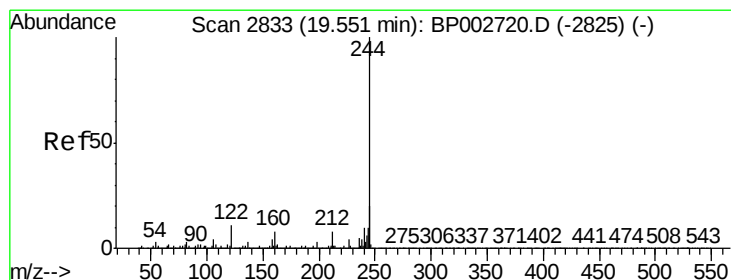
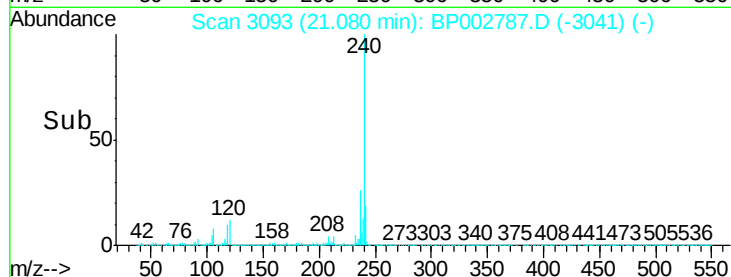
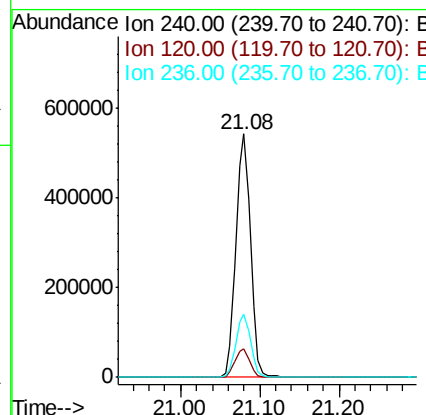
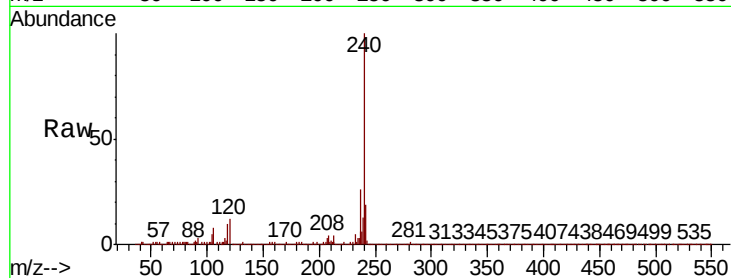




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.08 min Scan# 3093  
 Delta R.T. 0.01 min  
 Lab File: BP002787.D  
 Acq: 17 Jul 2020 12:22

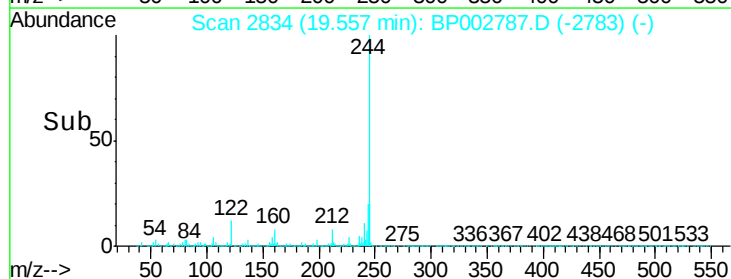
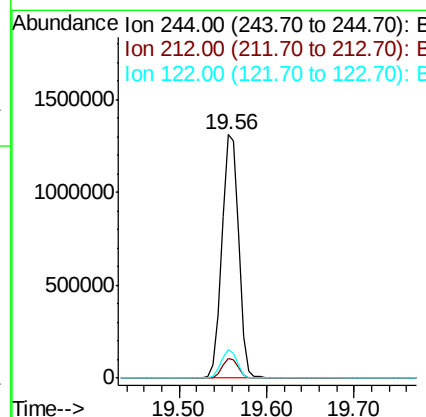
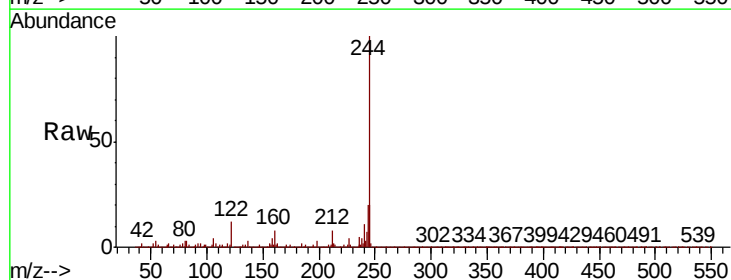
Instrument :  
 BNA\_P  
 ClientSampleId :  
 20

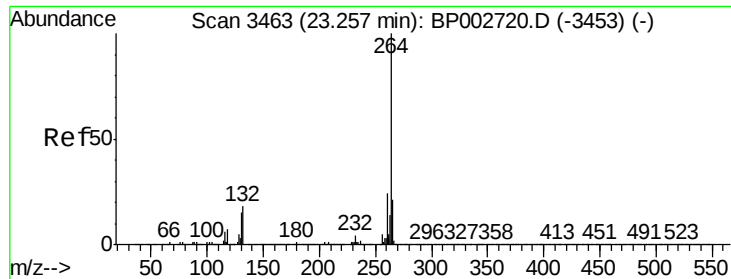
Tot Ion:240 Resp: 694409  
 Ion Ratio Lower Upper  
 240 100  
 120 11.8 9.4 14.2  
 236 25.8 21.3 31.9



#79  
 Terphenyl-d14  
 Concen: 57.771 ng  
 RT: 19.56 min Scan# 2834  
 Delta R.T. -0.00 min  
 Lab File: BP002787.D  
 Acq: 17 Jul 2020 12:22

Tgt Ion:244 Resp: 1749728  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.0 9.0  
 122 11.7 8.9 13.3





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.27 min Scan# 3466  
Delta R.T. 0.01 min  
Lab File: BP002787.D  
Acq: 17 Jul 2020 12:22

Instrument :  
BNA\_P  
ClientSampleId :  
20

Tot Ion: 264 Resp: 583067  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.3  | 28.9  |
| 265 | 21.5  | 16.8  | 25.2  |

