

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
 Data File : BP002521.D  
 Acq On : 24 Jun 2020 14:11  
 Operator : CG/JU  
 Sample : L3090-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 359-RO

Quant Time: Jun 24 15:19:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 24 13:54:06 2020  
 Response via : Initial Calibration

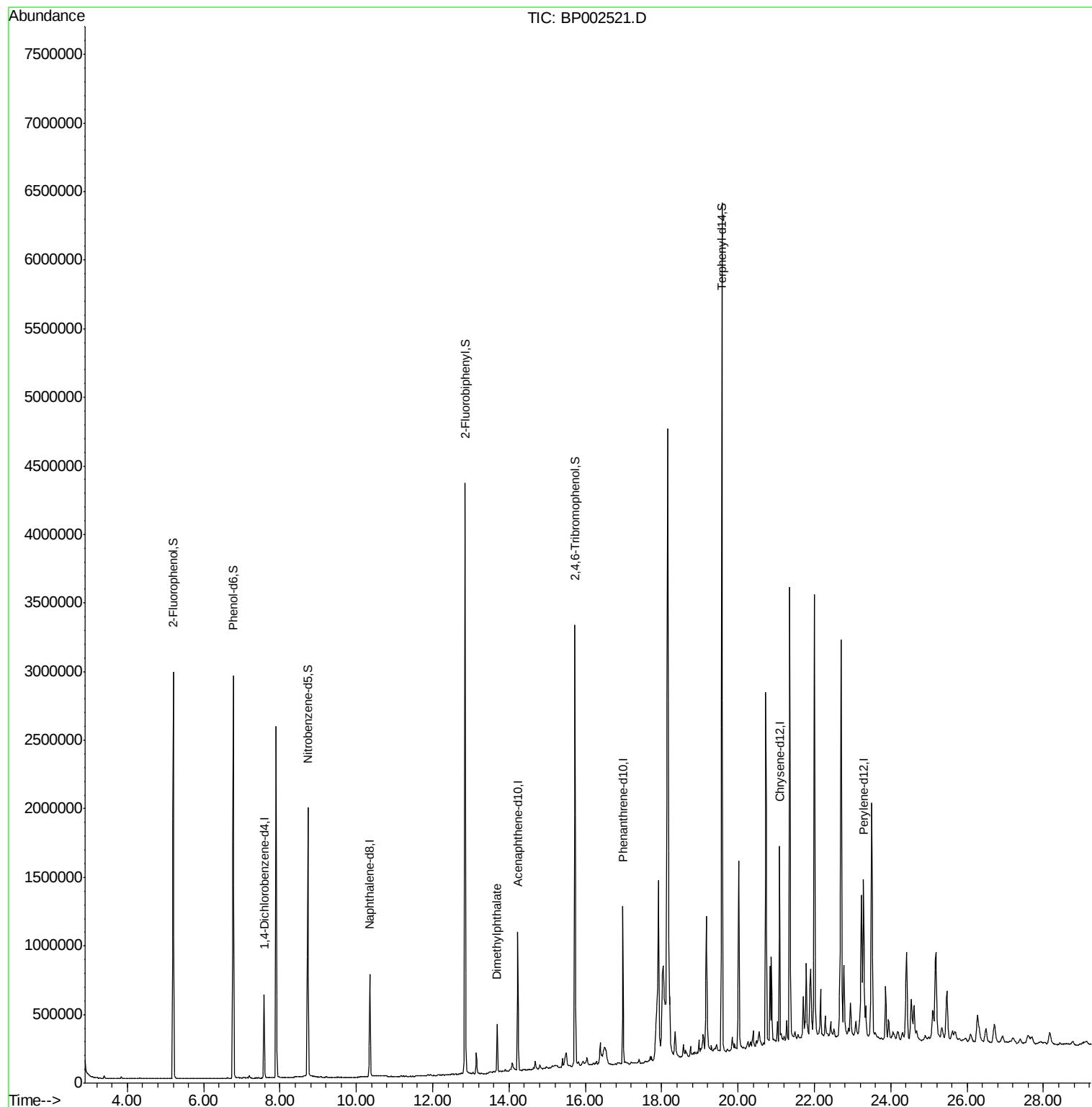
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 160099   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.35 | 136  | 594940   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.23 | 164  | 335659   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 16.98 | 188  | 685070   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.09 | 240  | 666257   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.29 | 264  | 734994   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.20  | 112  | 1254465  | 144.99 | ng    | 0.00         |
| 7) Phenol-d6                | 6.78  | 99   | 1641329  | 142.49 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.73  | 82   | 1135517  | 113.98 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 15.73 | 330  | 586756   | 182.58 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 12.85 | 172  | 2290506  | 114.74 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.57 | 244  | 2993414  | 130.27 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 13.69 | 163  | 224772   | 9.773  | ng    | Qvalue<br>99 |

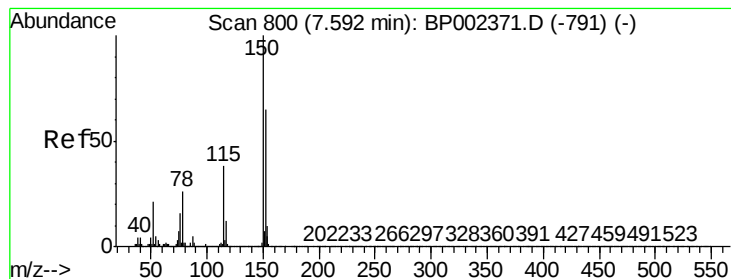
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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QLast Update : Wed Jun 24 13:54:06 2020  
Response via : Initial Calibration



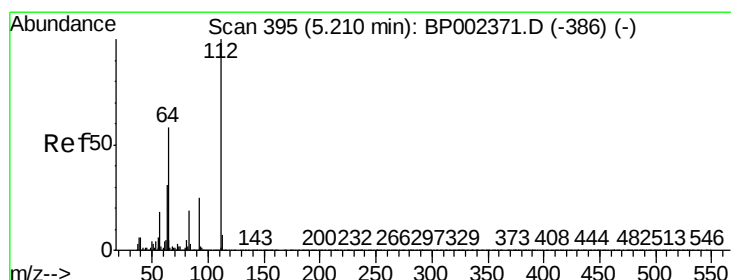
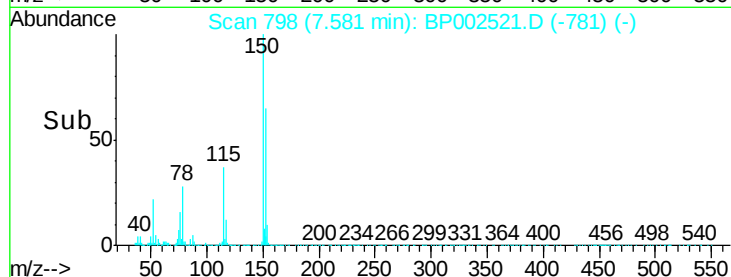
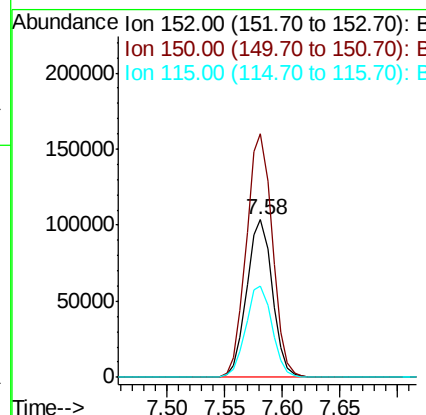
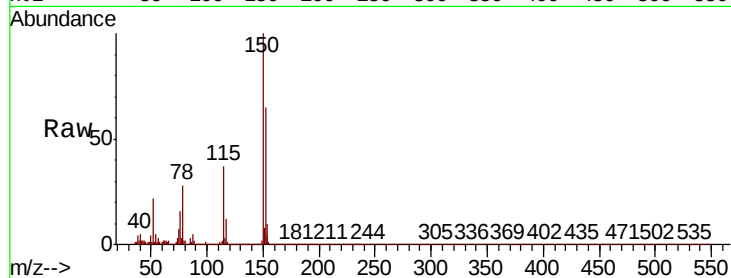


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.58 min Scan# 798  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

Instrument :  
BNA\_P  
ClientSampleId :  
359-RO

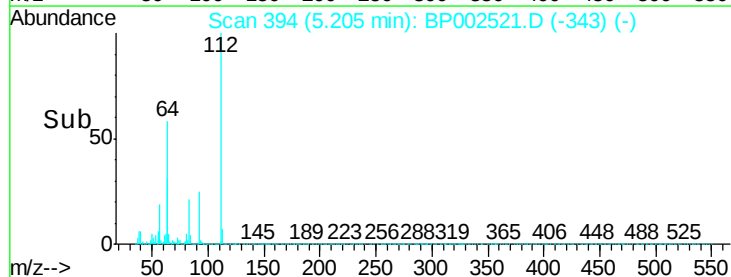
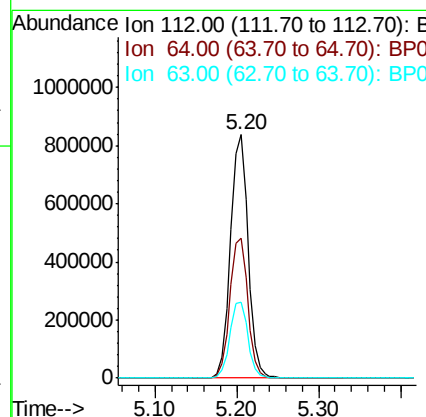
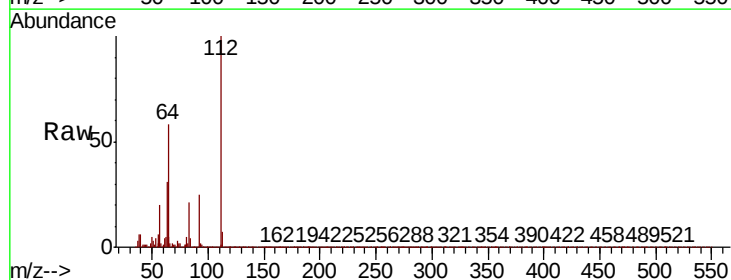
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 124.4 | 186.6 |
| 115     | 57.5  | 47.8  | 71.6  |

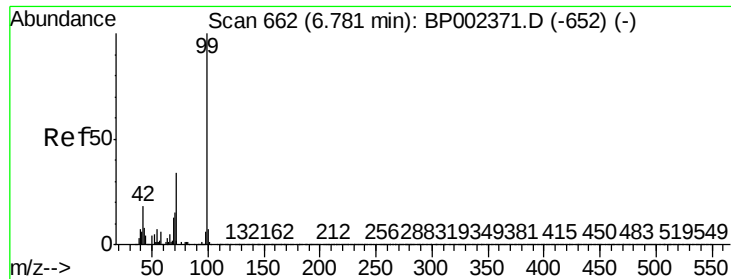


#5

2-Fluorophenol  
Concen: 144.990 ng  
RT: 5.20 min Scan# 394  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.7  | 46.4  | 69.6  |
| 63      | 31.1  | 25.0  | 37.6  |





#7

Phenol-d6

Concen: 142.485 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Instrument :

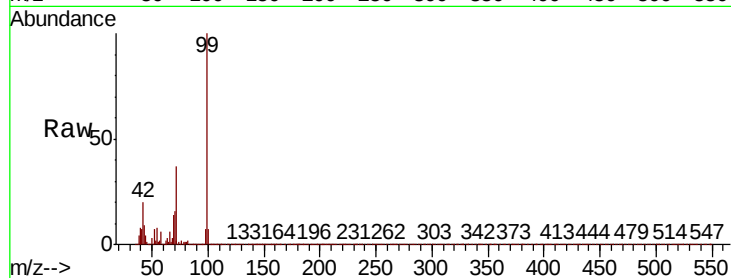
BNA\_P

ClientSampleId :

359-RO

Tot Ion: 99 Resp: 1641329

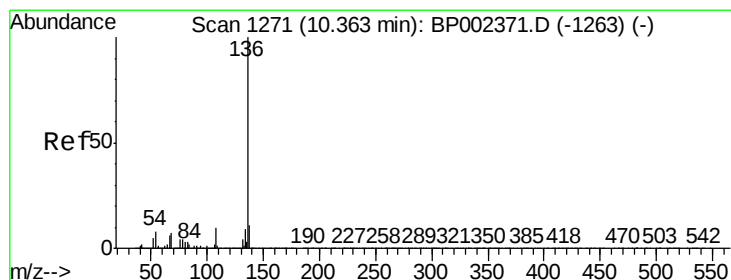
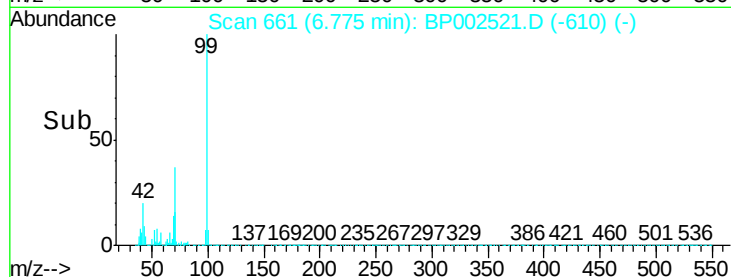
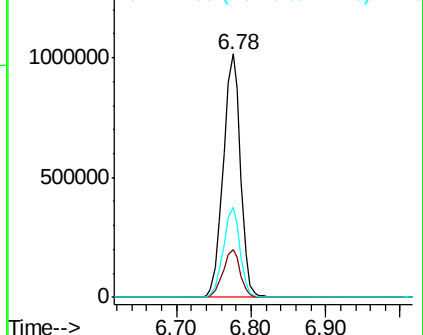
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.9  | 15.3  | 22.9  |
| 71  | 36.8  | 28.2  | 42.2  |



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: 10.35 min Scan# 1269

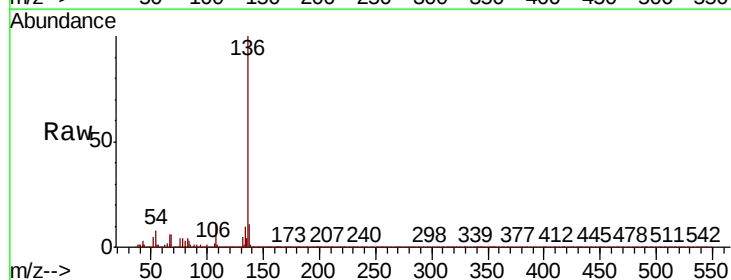
Delta R.T. 0.00 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Tgt Ion: 136 Resp: 594940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.9   | 13.3  |
| 54  | 8.3   | 6.6   | 10.0  |
| 68  | 6.5   | 5.4   | 8.0   |

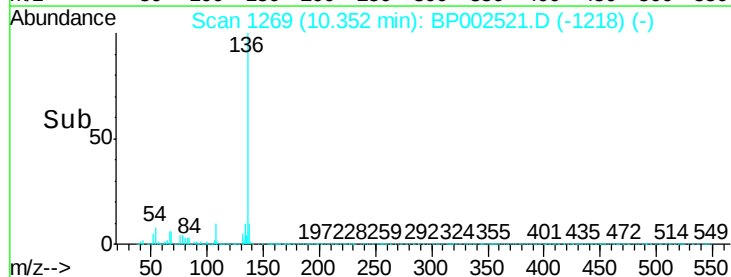
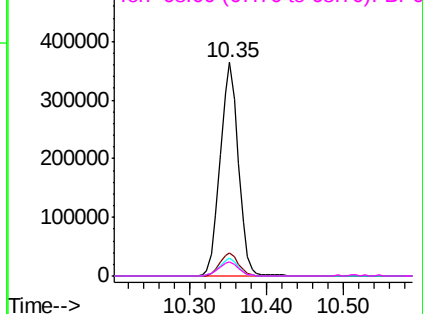


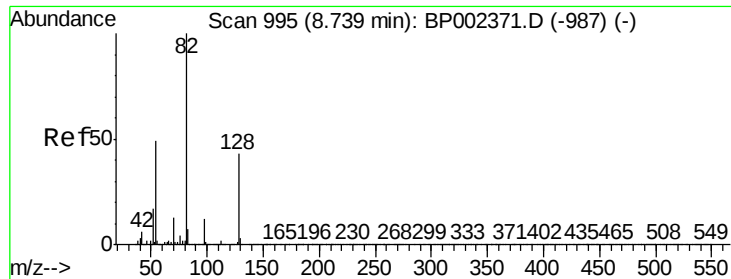
Abundance Ion 136.00 (135.70 to 136.70): E

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

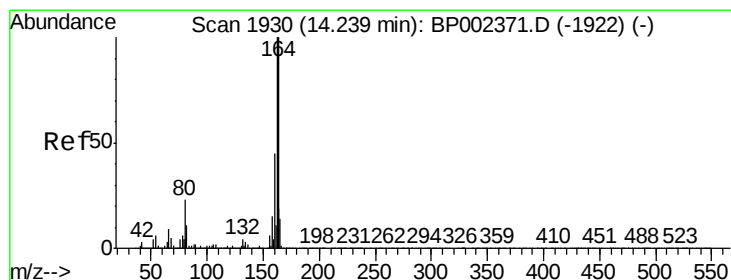
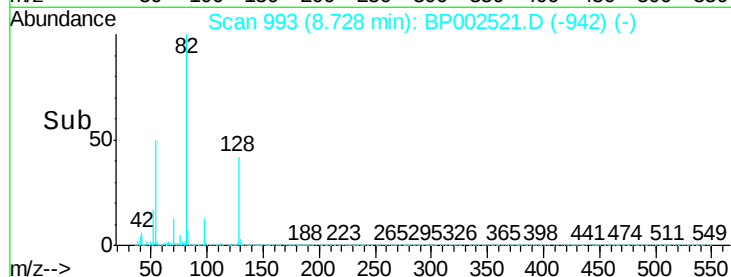
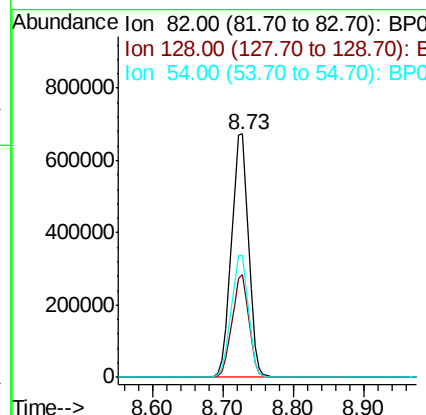
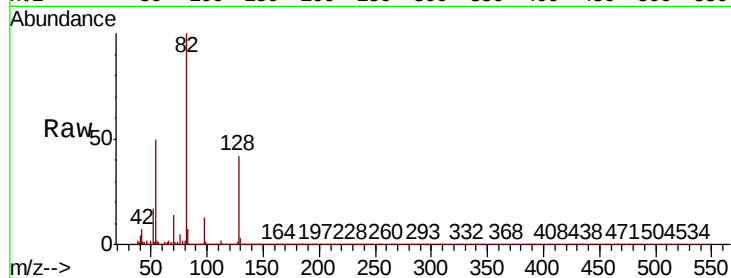




#23  
Nitrobenzene-d5  
Concen: 113.981 ng  
RT: 8.73 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

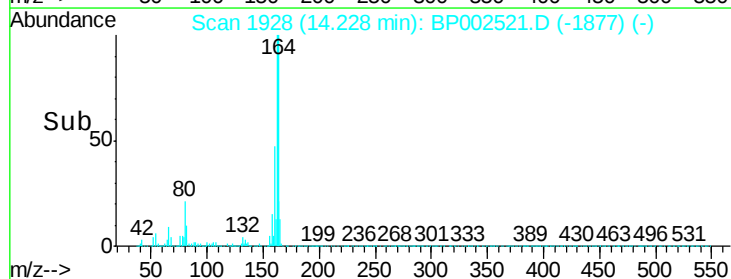
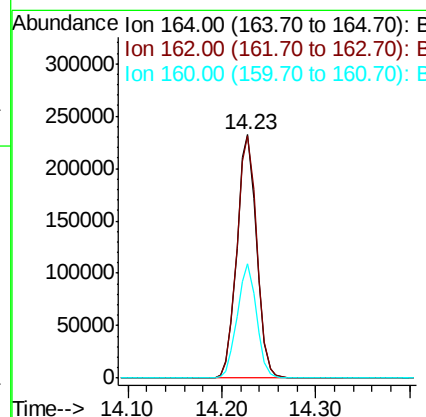
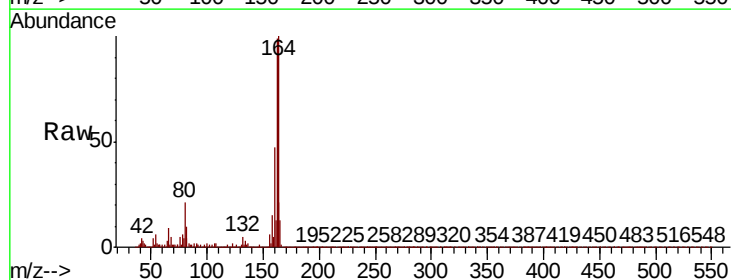
Instrument :  
BNA\_P  
ClientSampleId :  
359-RO

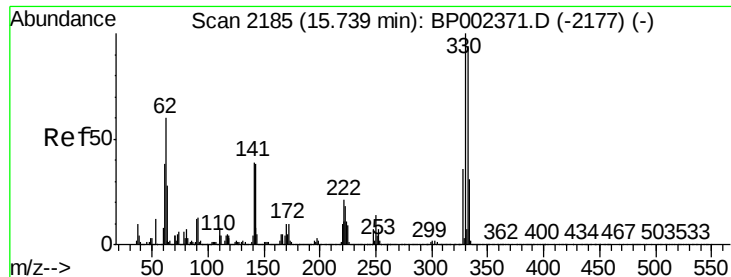
Tot Ion: 82 Resp: 1135517  
Ion Ratio Lower Upper  
82 100  
128 42.3 32.8 49.2  
54 50.2 39.9 59.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.23 min Scan# 1928  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

Tgt Ion:164 Resp: 335659  
Ion Ratio Lower Upper  
164 100  
162 99.5 80.6 121.0  
160 47.1 35.4 53.2

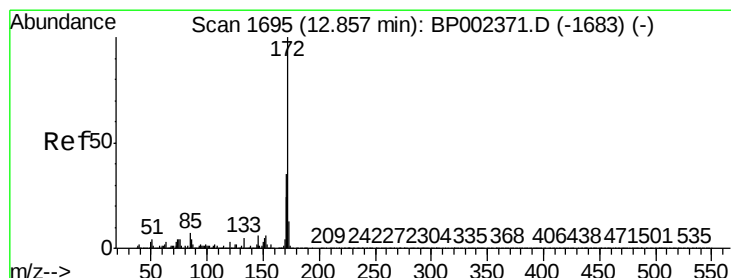
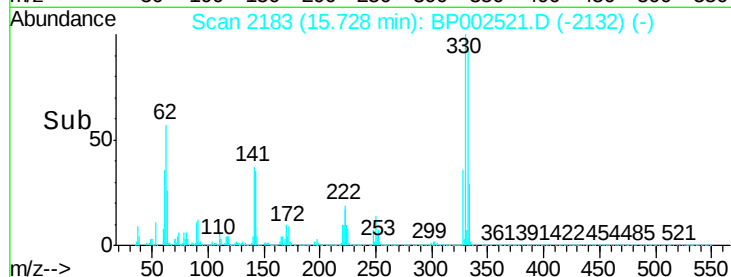
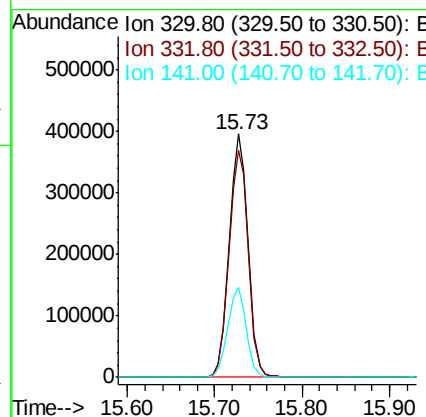
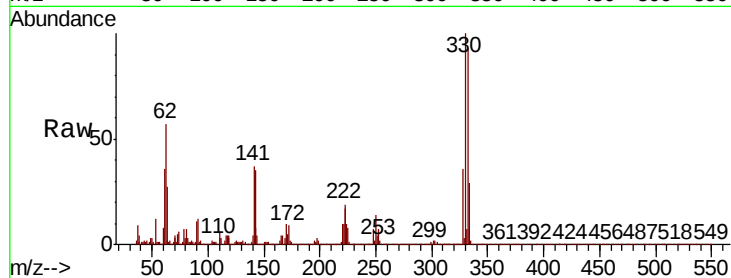




#42  
2,4,6-Tribromophenol  
Concen: 182.580 ng  
RT: 15.73 min Scan# 2183  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

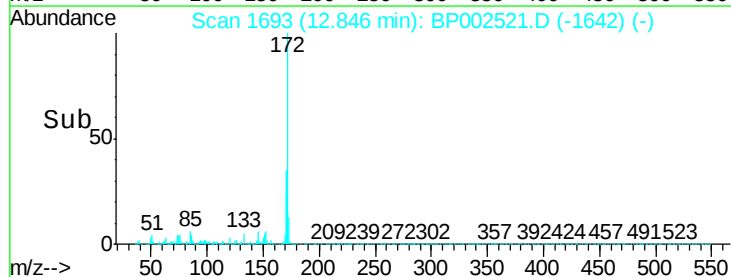
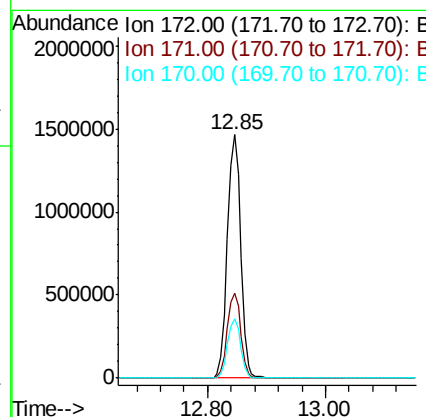
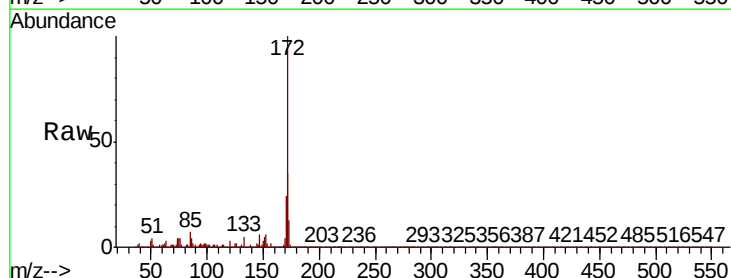
Instrument :  
BNA\_P  
ClientSampled :  
359-RO

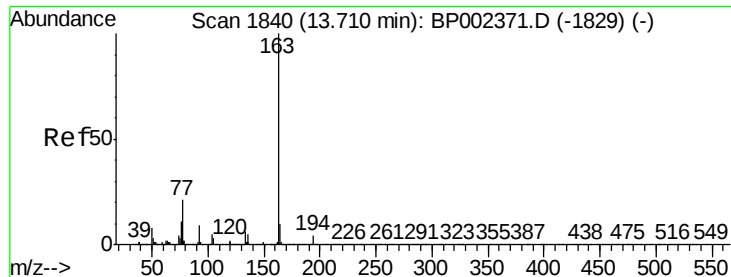
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 77.2  | 115.8 |
| 141     | 36.3  | 30.4  | 45.6  |



#45  
2-Fluorobiphenyl  
Concen: 114.738 ng  
RT: 12.85 min Scan# 1693  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.6  | 27.9  | 41.9  |
| 170     | 24.2  | 19.0  | 28.6  |

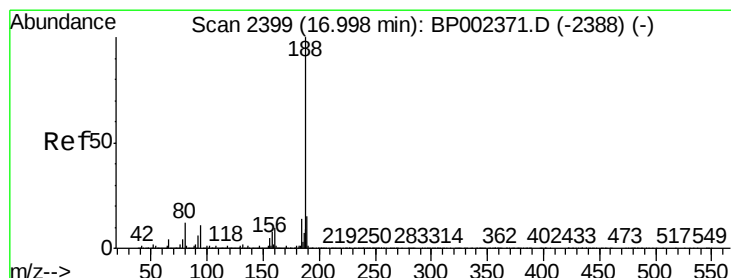
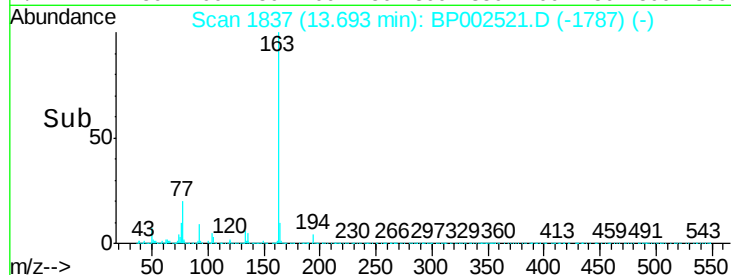
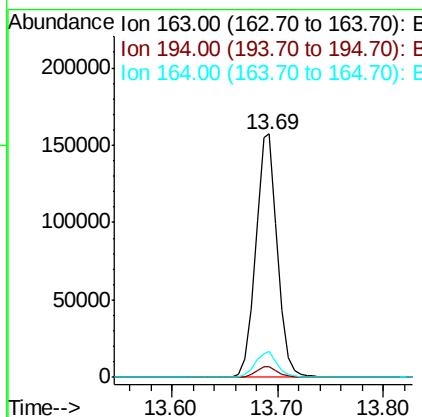
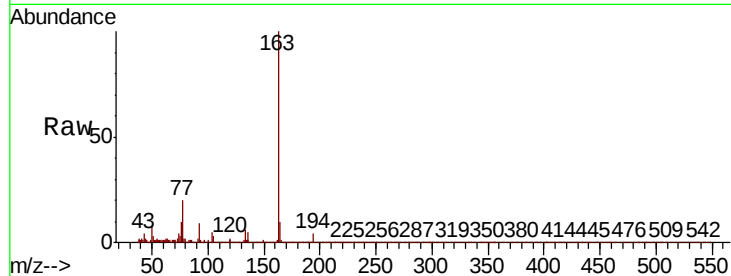




#50  
Dimethylphthalate  
Concen: 9.773 ng  
RT: 13.69 min Scan# 1837  
Delta R.T. -0.01 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

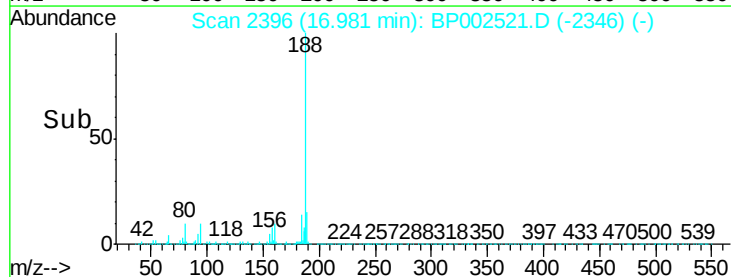
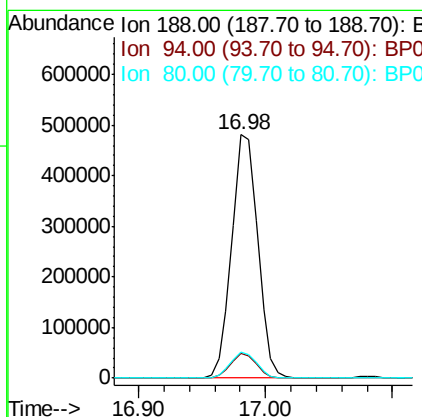
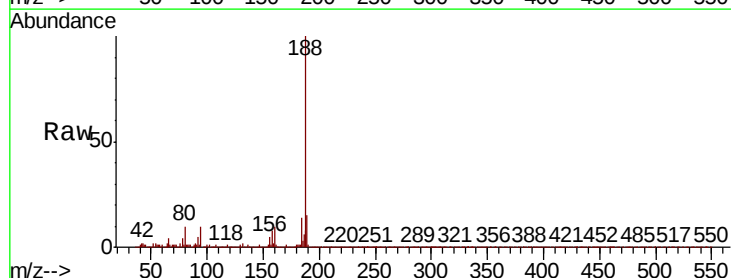
Instrument :  
BNA\_P  
ClientSampleId :  
359-RO

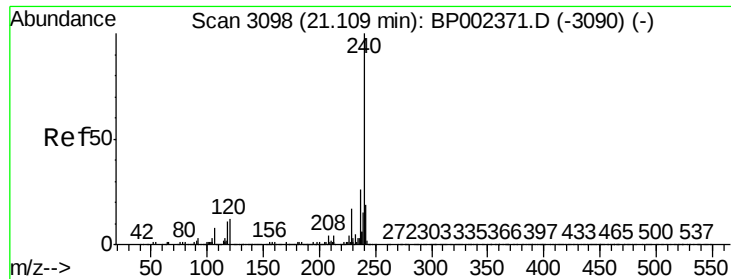
Tot Ion:163 Resp: 224772  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.5 8.2 12.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.98 min Scan# 2396  
Delta R.T. -0.01 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

Tgt Ion:188 Resp: 685070  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.6 11.4  
80 10.4 8.3 12.5

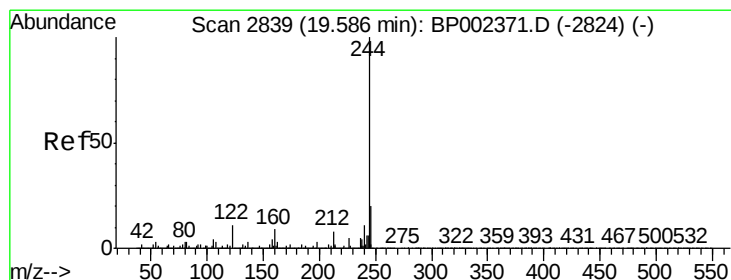
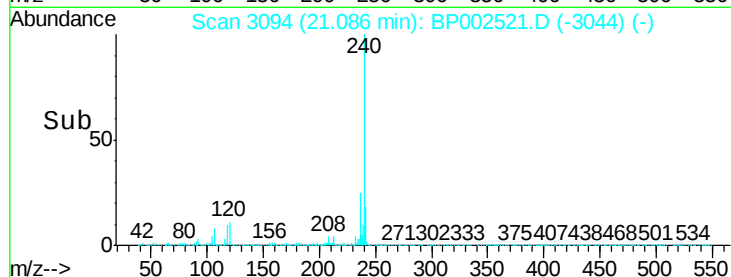
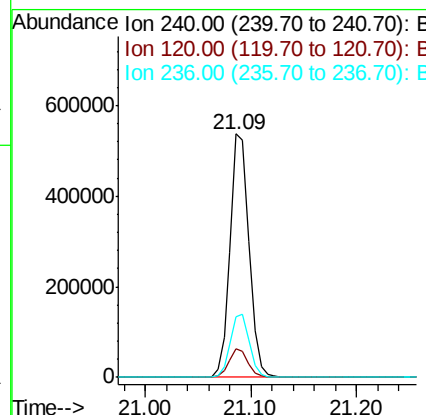
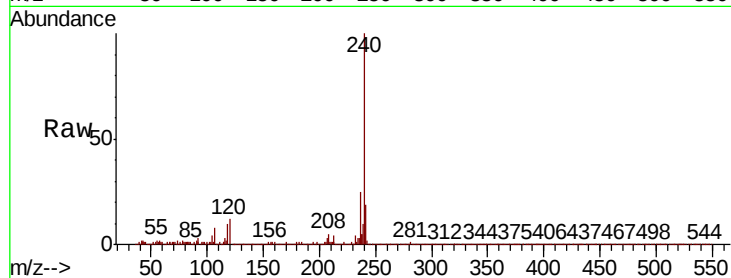




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3094  
Delta R.T. -0.01 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

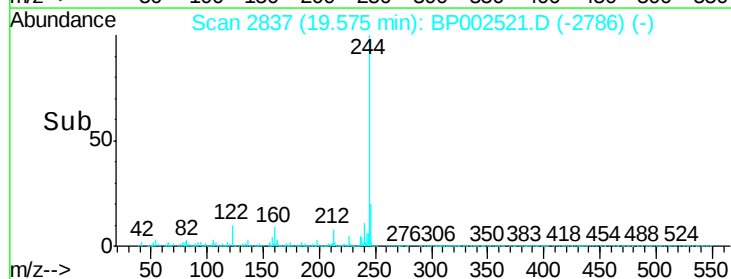
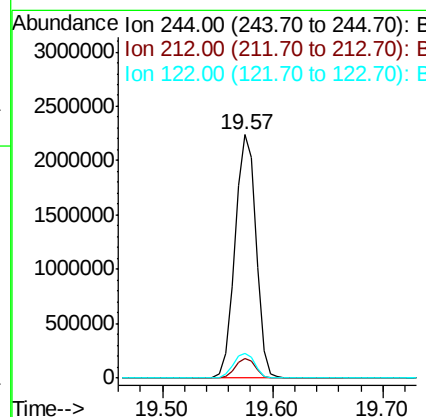
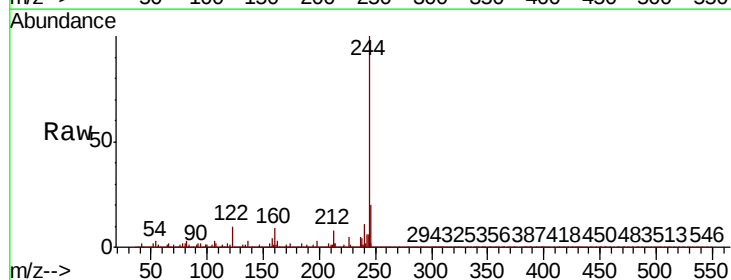
Instrument :  
BNA\_P  
ClientSampleId :  
359-RO

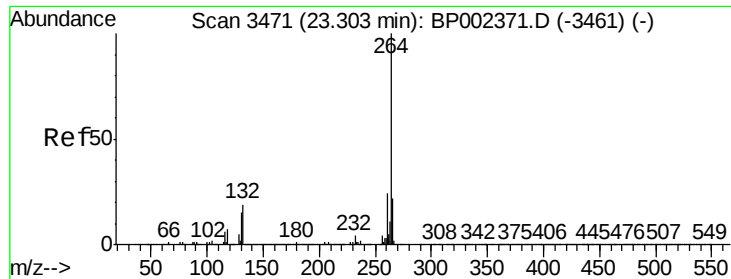
Tot Ion:240 Resp: 666257  
Ion Ratio Lower Upper  
240 100  
120 11.6 8.9 13.3  
236 25.1 21.7 32.5



#79  
Terphenyl-d14  
Concen: 130.267 ng  
RT: 19.57 min Scan# 2837  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

Tgt Ion:244 Resp: 2993414  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 10.3 8.0 12.0





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.29 min Scan# 3468  
Delta R.T. 0.00 min  
Lab File: BP002521.D  
Acq: 24 Jun 2020 14:11

Instrument :  
BNA\_P  
ClientSampleId :  
359-RO

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.7  | 29.5  |
| 265     | 20.7  | 17.6  | 26.4  |

