

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042321\  
 Data File : BP005395.D  
 Acq On : 23 Apr 2021 15:58  
 Operator : CG/JU  
 Sample : M2150-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TWP-20

Quant Time: Apr 23 16:34:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 21 17:40:15 2021  
 Response via : Initial Calibration

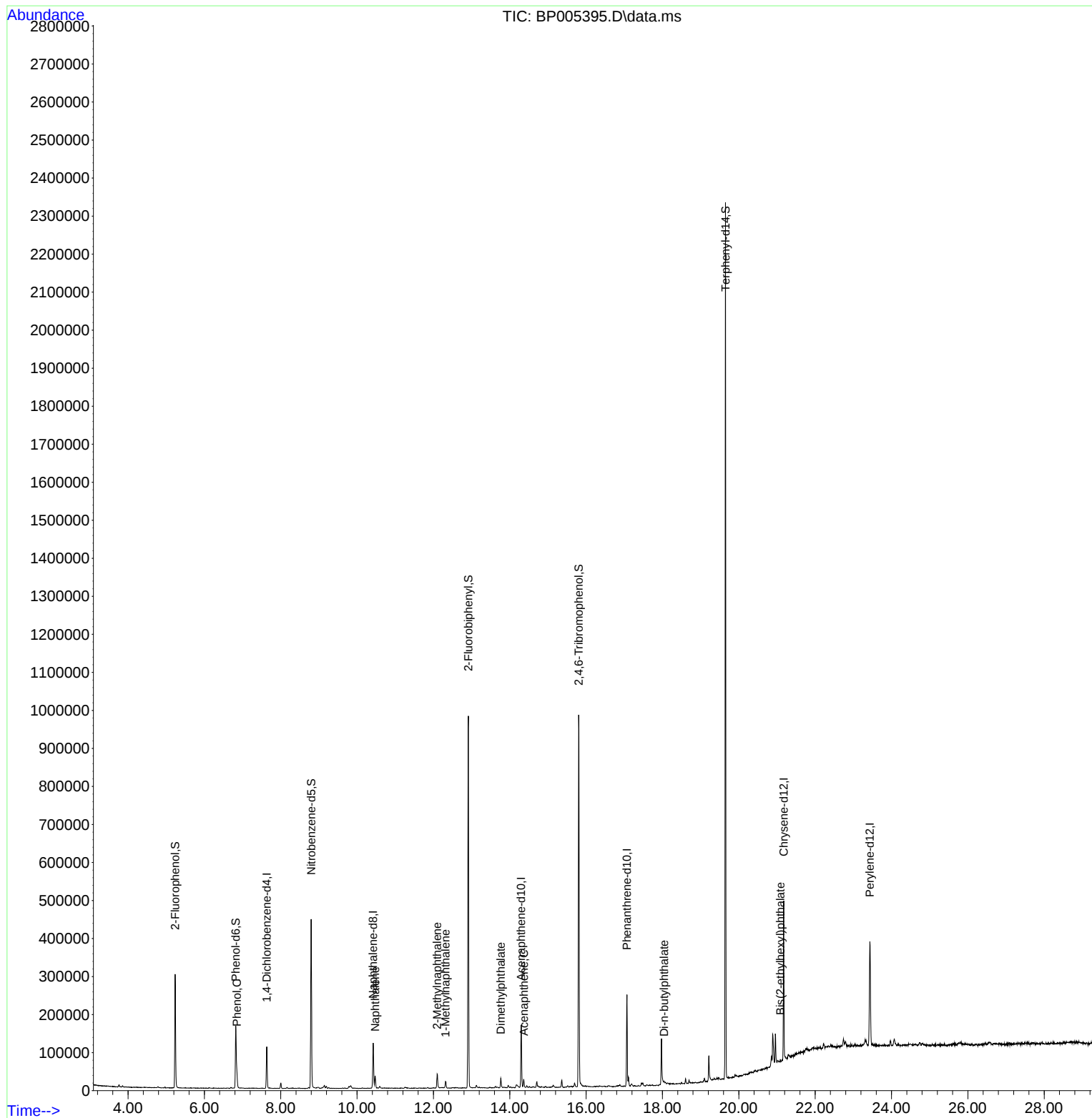
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 19388    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.422 | 136  | 68222    | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.298 | 164  | 46361    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.069 | 188  | 117515   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.175 | 240  | 173695   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.433 | 264  | 195813   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.234  | 112  | 83517    | 74.83  | ng    | -0.01    |
| 7) Phenol-d6                  | 6.822  | 99   | 64973    | 42.25  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.799  | 82   | 234809   | 149.70 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.810 | 330  | 137193   | 154.70 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.916 | 172  | 391887   | 109.42 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.651 | 244  | 806799   | 86.07  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 10) Phenol                    | 6.852  | 94   | 14495    | 9.45   | ng    | # 57     |
| 31) Naphthalene               | 10.475 | 128  | 17609    | 4.89   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.099 | 142  | 11525    | 4.37   | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.316 | 142  | 6367     | 2.53   | ng    | 86       |
| 50) Dimethylphthalate         | 13.763 | 163  | 11472    | 3.41   | ng    | # 95     |
| 52) Acenaphthene              | 14.369 | 154  | 6033     | 2.43   | ng    | 92       |
| 74) Di-n-butylphthalate       | 18.045 | 149  | 2439     | 4.33   | ng    | # 89     |
| 84) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 2506     | 3.58   | ng    | # 84     |
| -----                         |        |      |          |        |       |          |

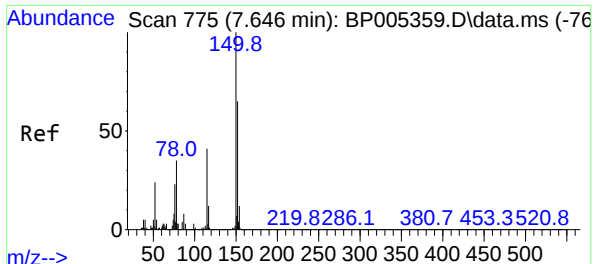
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042321\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP042121.M  
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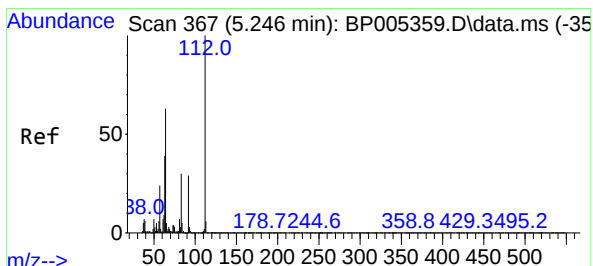
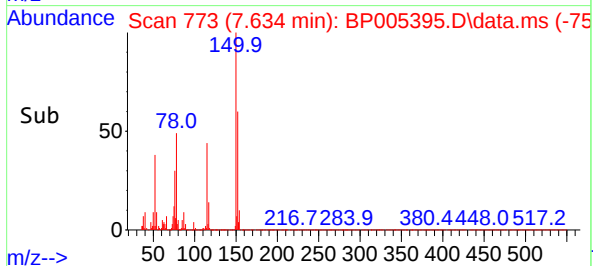
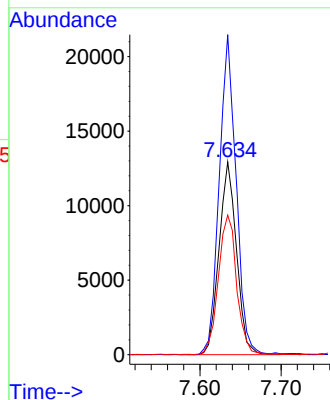
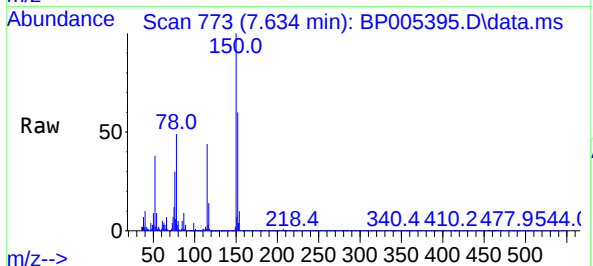




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.634 min Scan# 773  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

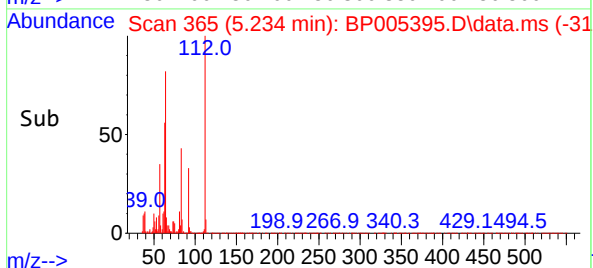
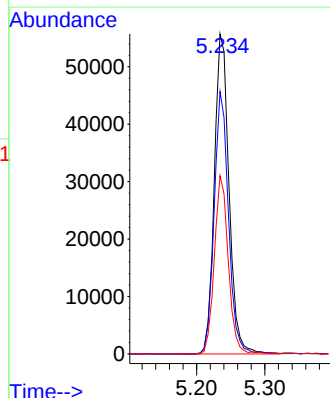
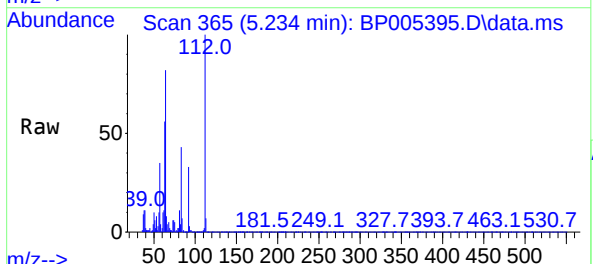
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

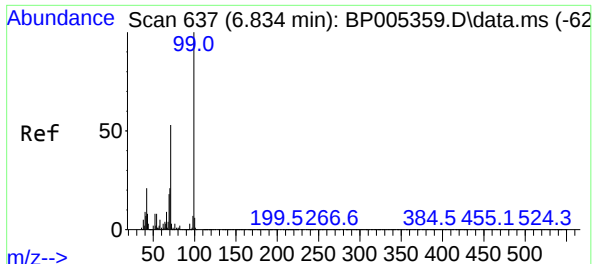
Tgt Ion:152 Resp: 19388  
Ion Ratio Lower Upper  
152 100  
150 166.0 119.8 179.8  
115 72.4 49.0 73.4



#5  
2-Fluorophenol  
Concen: 74.83 ng  
RT: 5.234 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:112 Resp: 83517  
Ion Ratio Lower Upper  
112 100  
64 82.0 33.6 50.4#  
63 55.7 18.6 27.8#

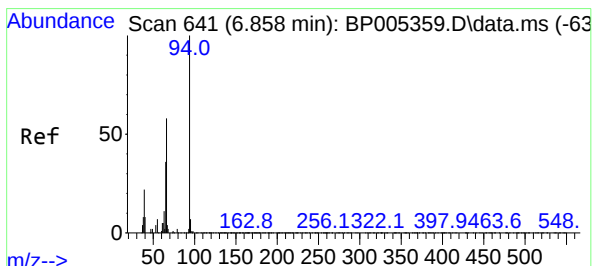
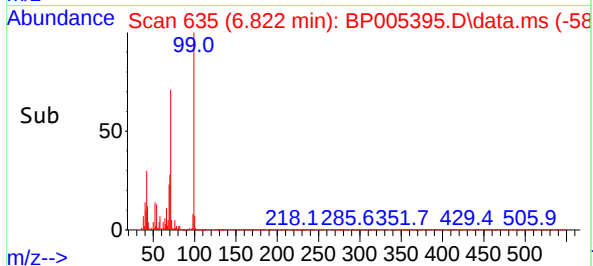
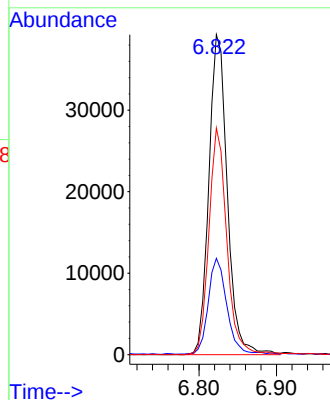
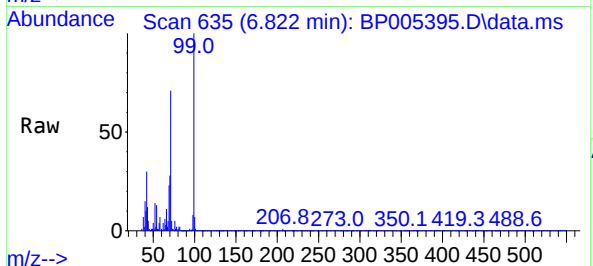




#7  
Phenol-d6  
Concen: 42.25 ng  
RT: 6.822 min Scan# 635  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

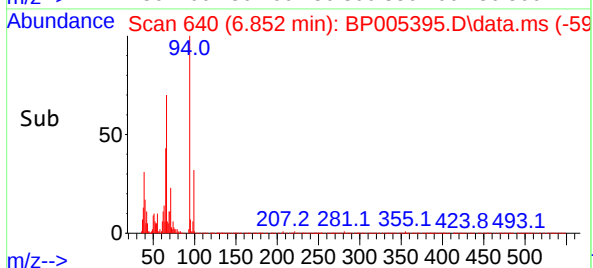
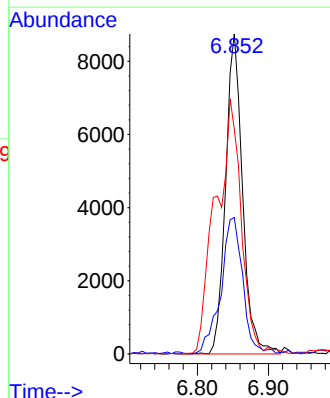
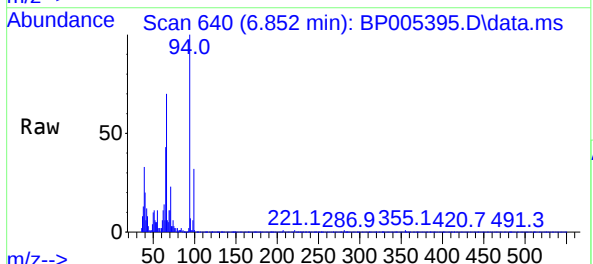
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

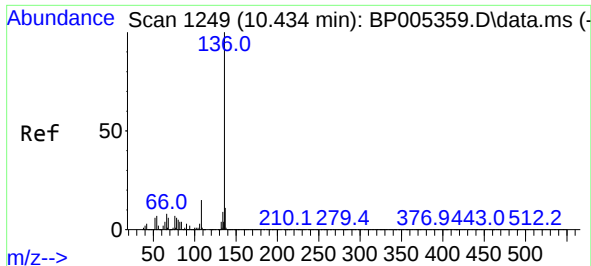
Tgt Ion: 99 Resp: 64973  
Ion Ratio Lower Upper  
99 100  
42 30.1 12.9 19.3#  
71 70.8 26.7 40.1#



#10  
Phenol  
Concen: 9.45 ng  
RT: 6.852 min Scan# 640  
Delta R.T. -0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion: 94 Resp: 14495  
Ion Ratio Lower Upper  
94 100  
65 42.6 8.0 48.0  
66 70.3 17.3 57.3#

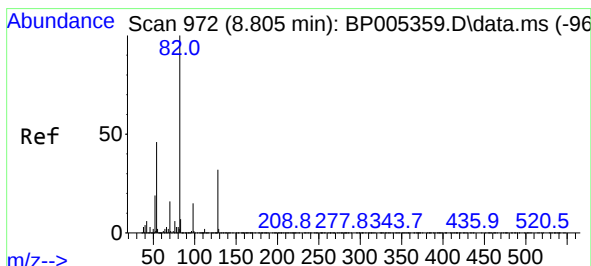
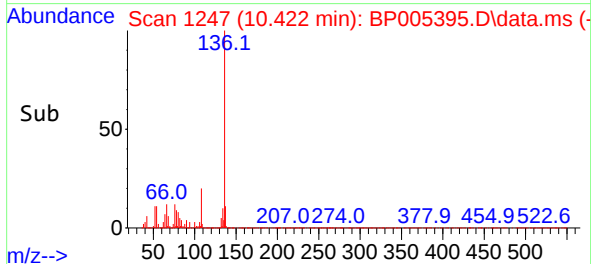
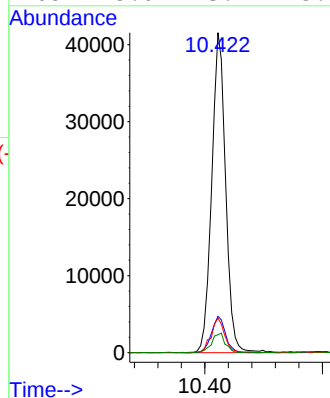
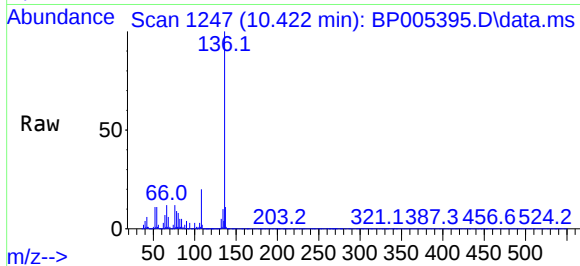




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.422 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

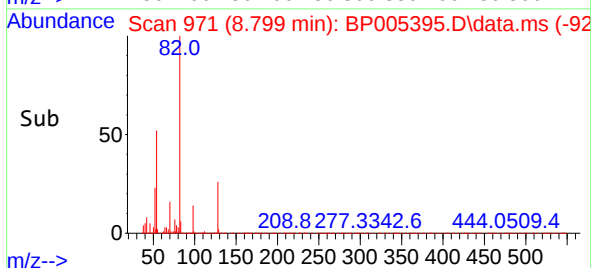
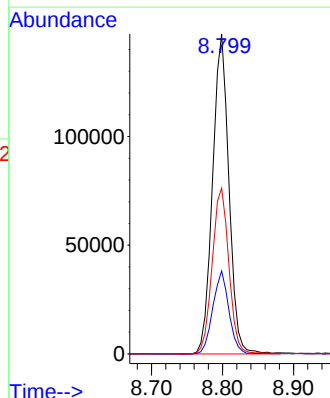
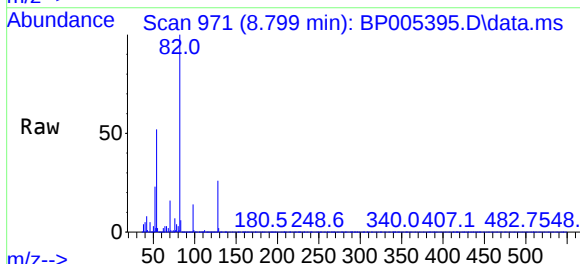
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

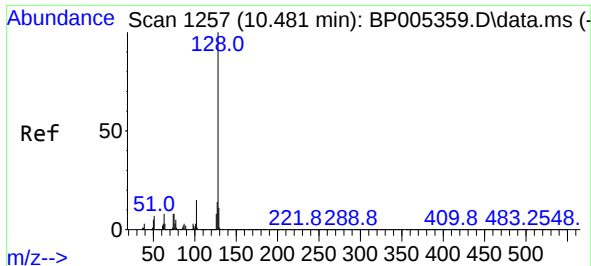
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 68222 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 8.9   | 13.3  |
| 54       | 10.8  | 5.0   | 7.4#  |
| 68       | 5.6   | 3.7   | 5.5#  |



#23  
Nitrobenzene-d5  
Concen: 149.70 ng  
RT: 8.799 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 234809 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 26.0  | 30.5  | 45.7#  |
| 54       | 51.9  | 33.9  | 50.9#  |

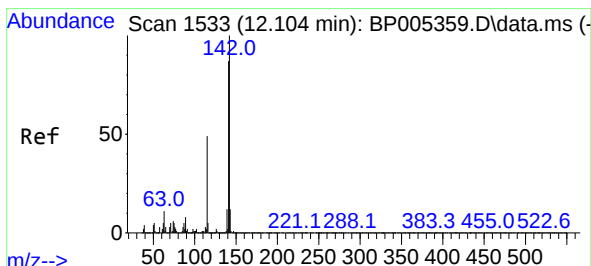
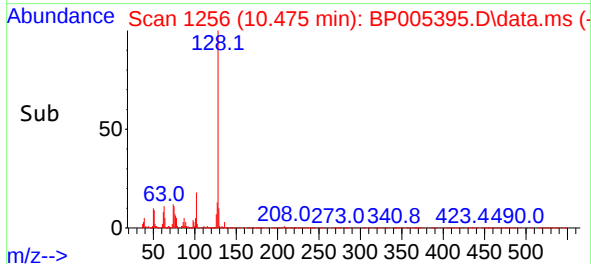
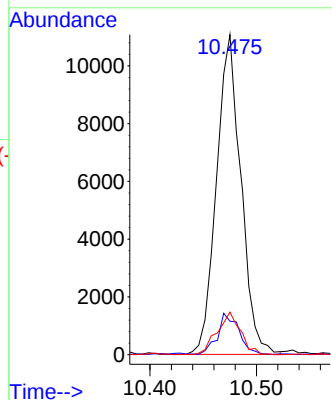
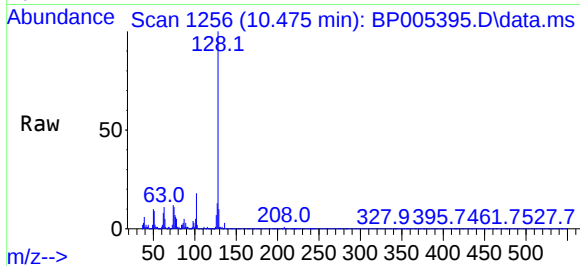




#31  
Naphthalene  
Concen: 4.89 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

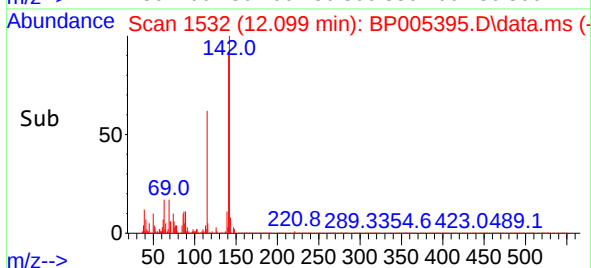
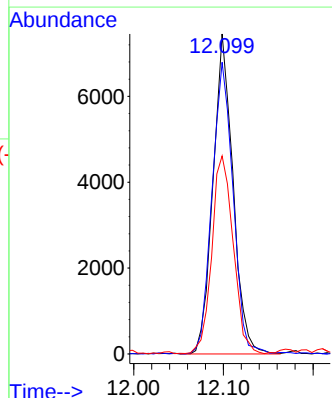
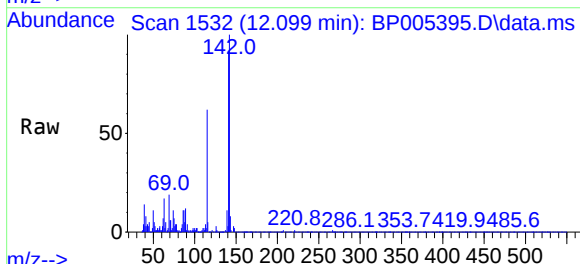
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

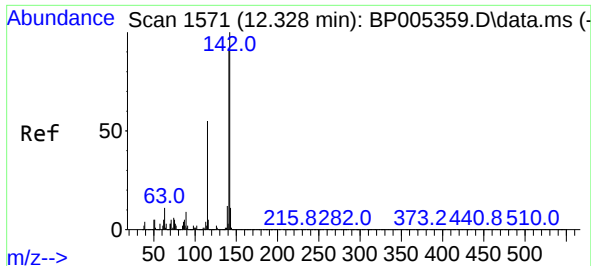
Tgt Ion:128 Resp: 17609  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.0 12.0  
127 13.3 11.1 16.7



#37  
2-Methylnaphthalene  
Concen: 4.37 ng  
RT: 12.099 min Scan# 1532  
Delta R.T. -0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:142 Resp: 11525  
Ion Ratio Lower Upper  
142 100  
141 91.2 74.7 112.1  
115 61.9 43.8 65.8

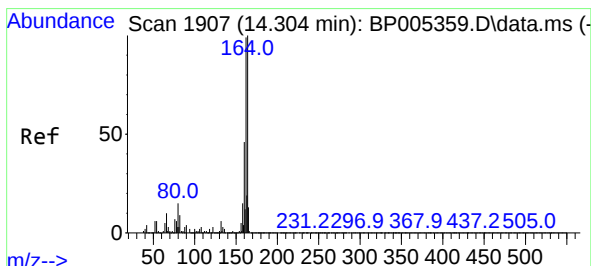
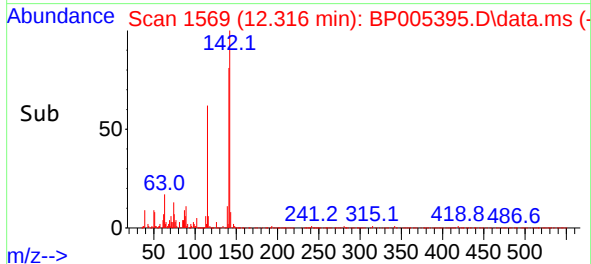
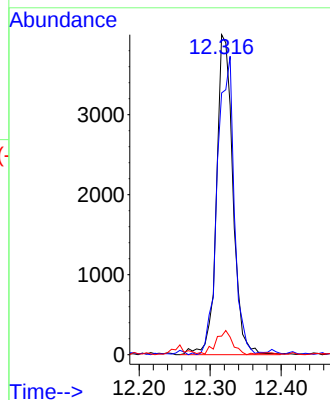
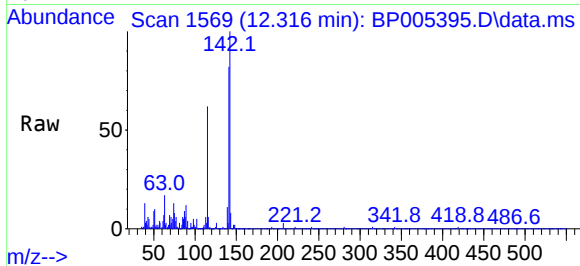




#38  
1-Methylnaphthalene  
Concen: 2.53 ng  
RT: 12.316 min Scan# 1569  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

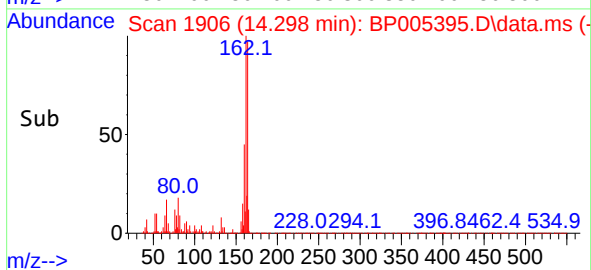
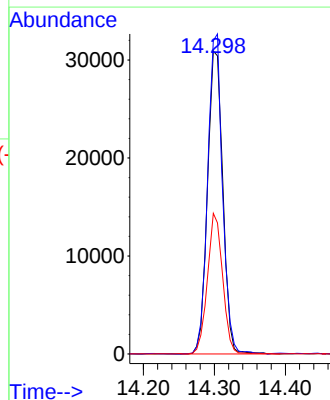
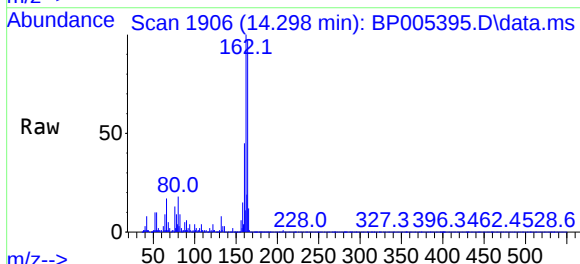
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

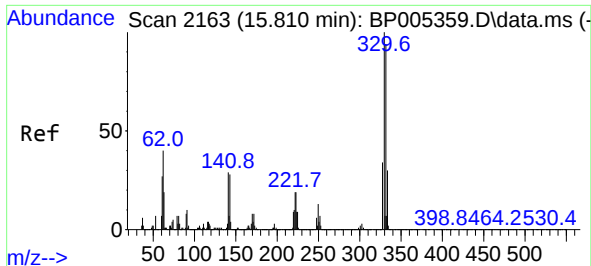
Tgt Ion:142 Resp: 6367  
Ion Ratio Lower Upper  
142 100  
141 81.8 77.0 115.6  
116 5.8 5.0 7.6



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.298 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:164 Resp: 46361  
Ion Ratio Lower Upper  
164 100  
162 103.4 73.5 110.3  
160 46.4 40.6 61.0

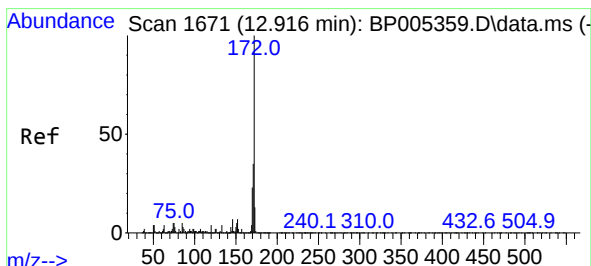
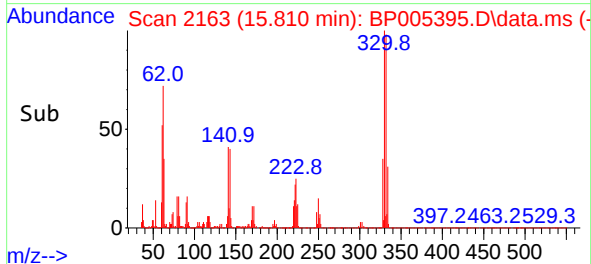
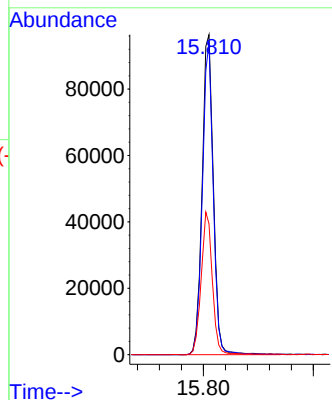
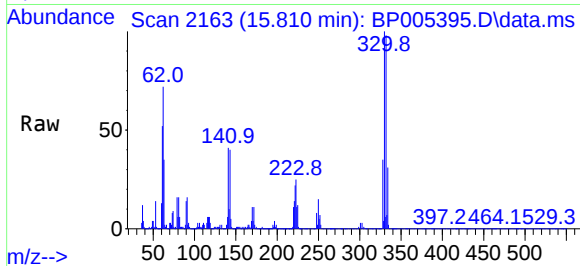




#42  
2,4,6-Tribromophenol  
Concen: 154.70 ng  
RT: 15.810 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

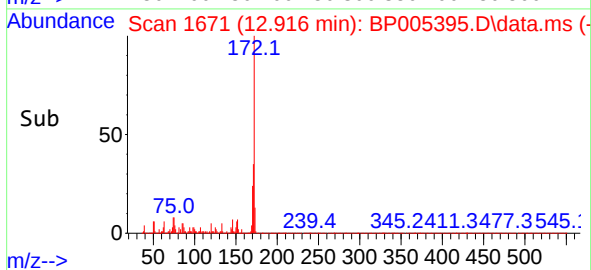
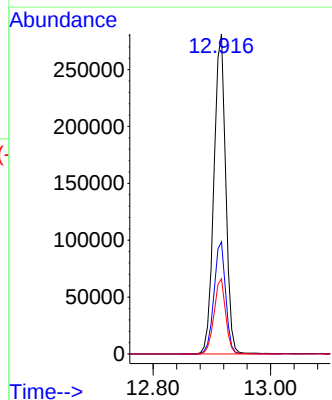
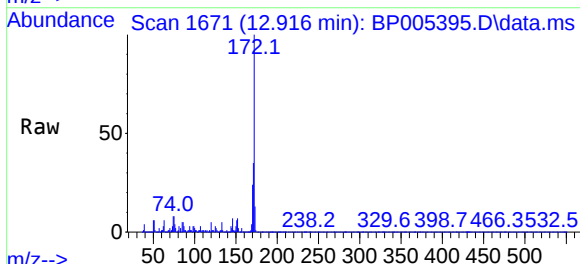
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TWP-20

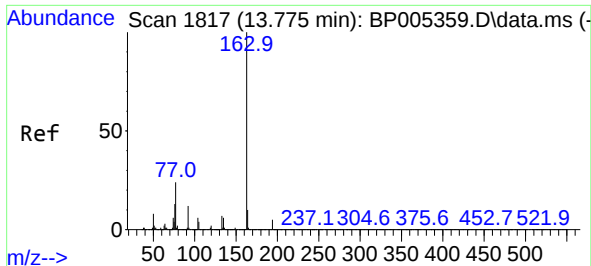
Tgt Ion:330 Resp: 137193  
Ion Ratio Lower Upper  
330 100  
332 94.1 76.3 114.5  
141 44.2 22.8 34.2#



#45  
2-Fluorobiphenyl  
Concen: 109.42 ng  
RT: 12.916 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:172 Resp: 391887  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.5 19.6 29.4

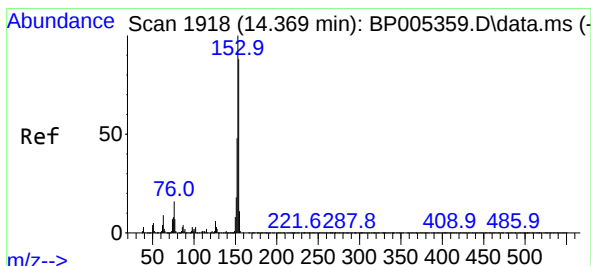
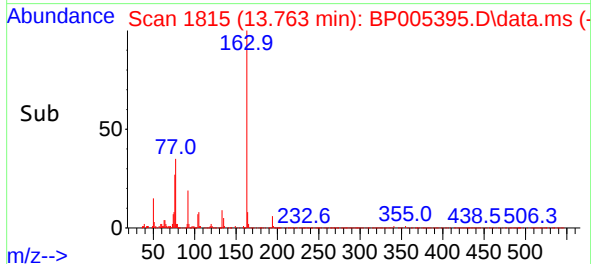
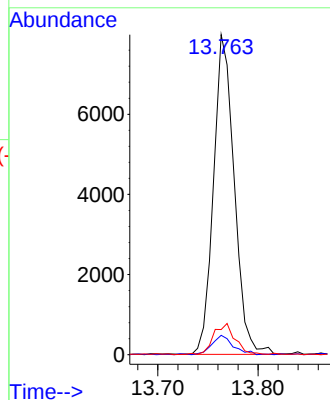
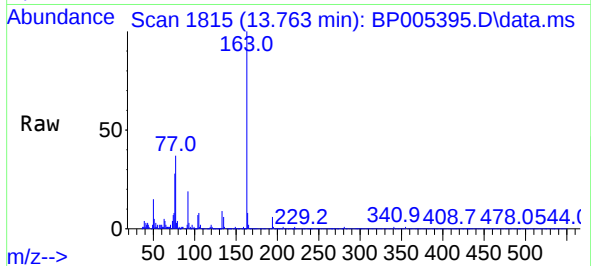




#50  
Dimethylphthalate  
Concen: 3.41 ng  
RT: 13.763 min Scan# 1815  
Delta R.T. -0.012 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

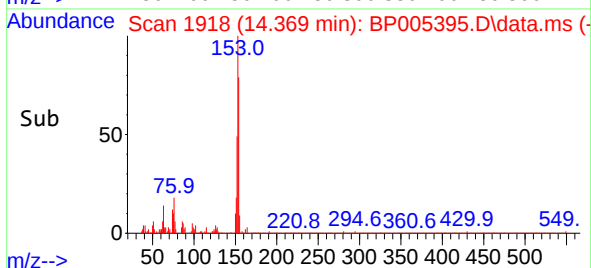
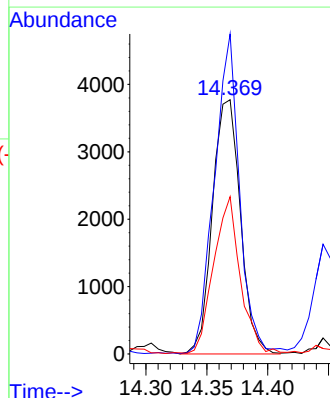
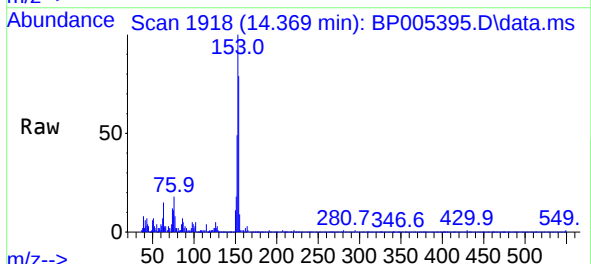
Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

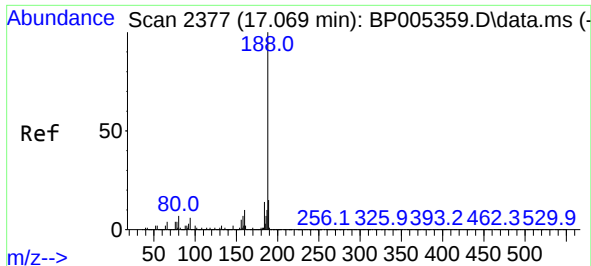
Tgt Ion:163 Resp: 11472  
Ion Ratio Lower Upper  
163 100  
194 6.0 3.9 5.9#  
164 7.8 8.1 12.1#



#52  
Acenaphthene  
Concen: 2.43 ng  
RT: 14.369 min Scan# 1918  
Delta R.T. 0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:154 Resp: 6033  
Ion Ratio Lower Upper  
154 100  
153 125.9 90.9 136.3  
152 61.9 48.5 72.7



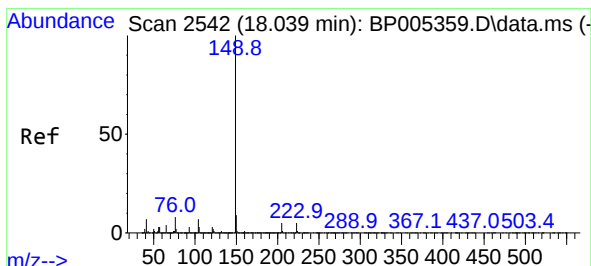
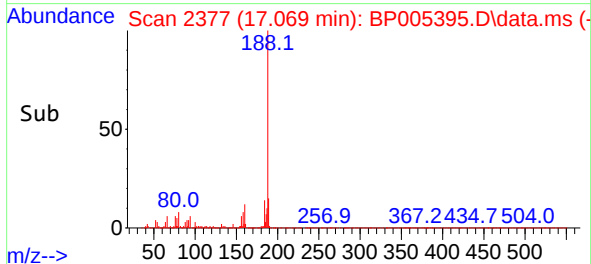
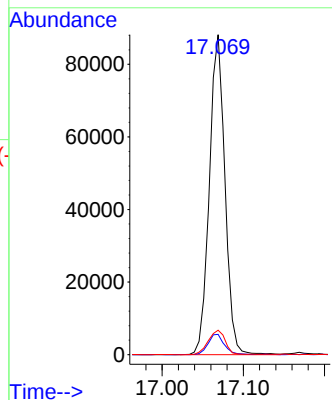
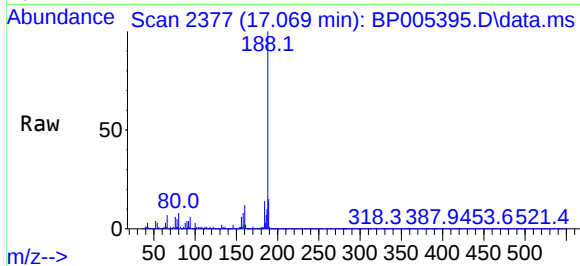


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.069 min Scan# 2377  
Delta R.T. -0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

Tgt Ion:188 Resp: 117515

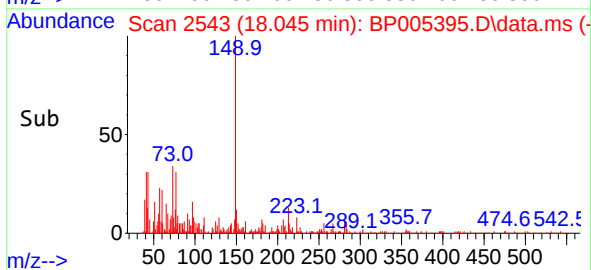
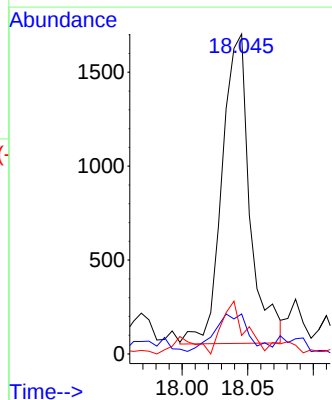
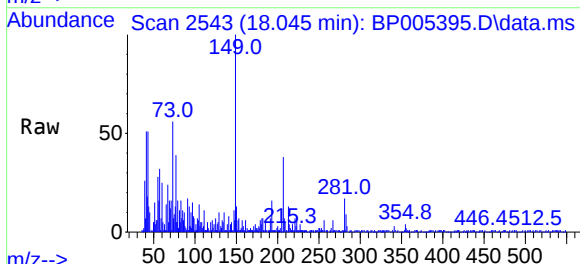
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.4   | 5.0   | 7.6   |
| 80  | 7.6   | 5.9   | 8.9   |

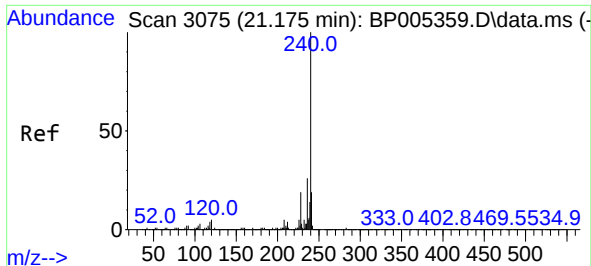


#74  
Di-n-butylphthalate  
Concen: 4.33 ng  
RT: 18.045 min Scan# 2543  
Delta R.T. 0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:149 Resp: 2439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 12.5  | 7.6   | 11.4# |
| 104 | 5.8   | 8.9   | 13.3# |



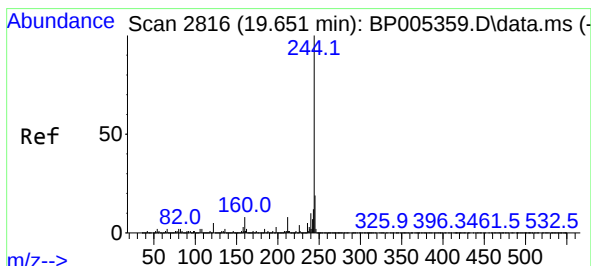
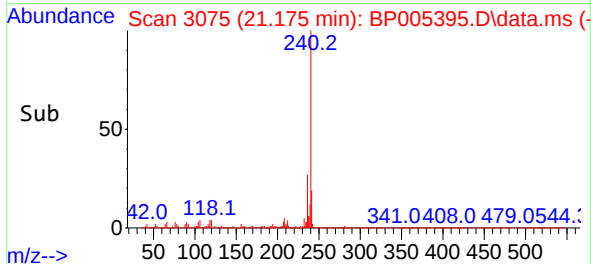
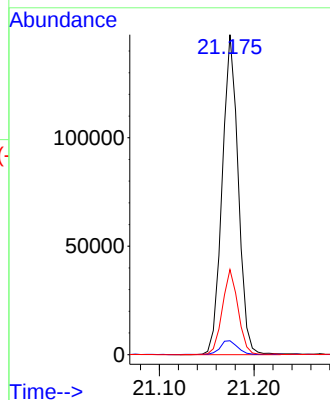
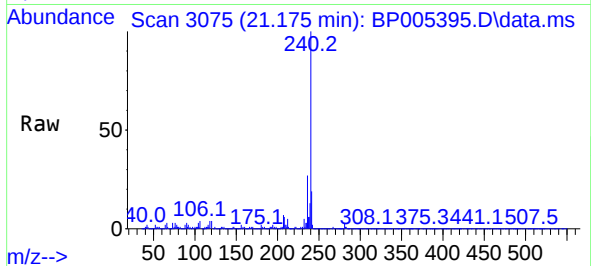


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.175 min Scan# 3075  
Delta R.T. -0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

Tgt Ion:240 Resp: 173695

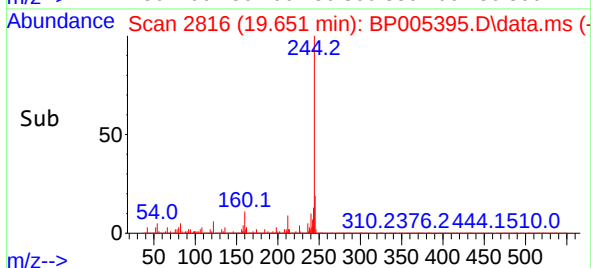
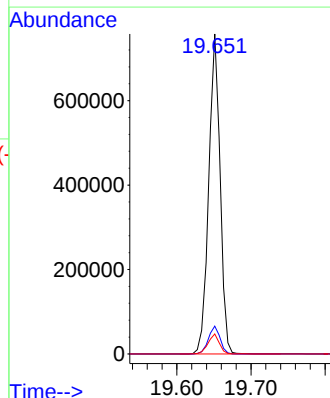
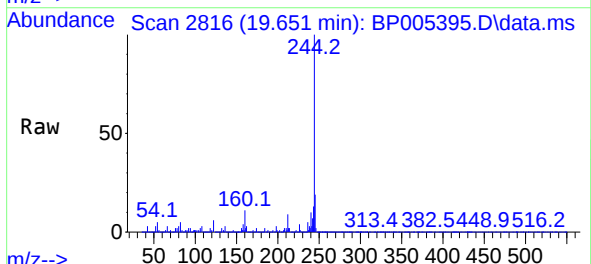
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 4.4   | 4.2   | 6.2   |
| 236 | 26.6  | 20.2  | 30.2  |

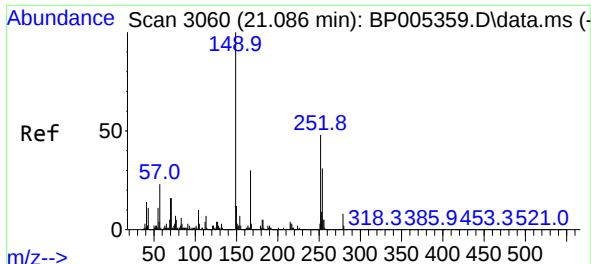


#79  
Terphenyl-d14  
Concen: 86.07 ng  
RT: 19.651 min Scan# 2816  
Delta R.T. 0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:244 Resp: 806799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.7   | 5.8   | 8.6#  |
| 122 | 6.3   | 5.2   | 7.8   |

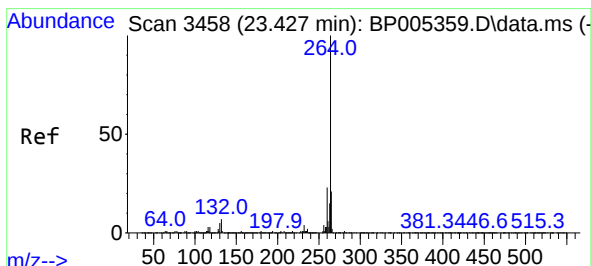
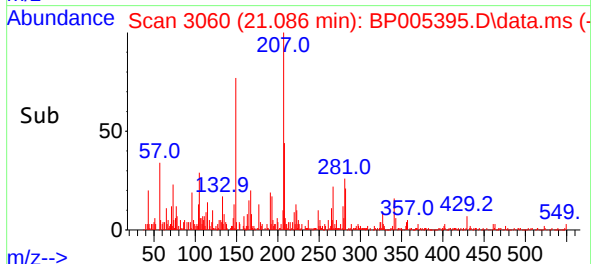
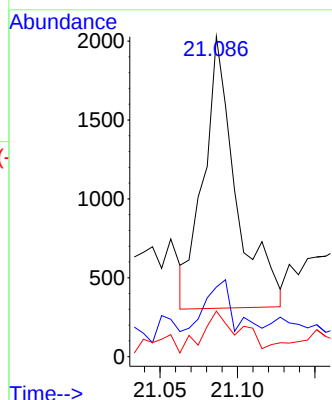
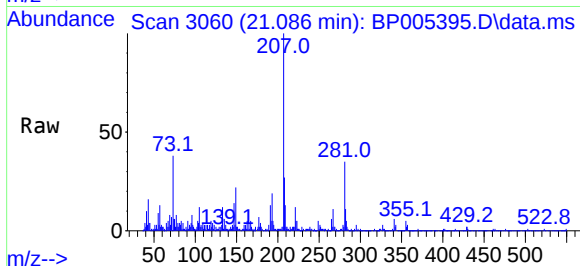




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.58 ng  
RT: 21.086 min Scan# 3060  
Delta R.T. 0.000 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Instrument :  
BNA\_P  
ClientSampleId :  
TWP-20

Tgt Ion:149 Resp: 2506  
Ion Ratio Lower Upper  
149 100  
167 21.7 23.8 35.8#  
279 14.3 5.7 8.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.433 min Scan# 3459  
Delta R.T. 0.006 min  
Lab File: BP005395.D  
Acq: 23 Apr 2021 15:58

Tgt Ion:264 Resp: 195813  
Ion Ratio Lower Upper  
264 100  
260 22.5 20.6 30.8  
265 22.0 19.0 28.6

