

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041221\  
 Data File : BP005272.D  
 Acq On : 12 Apr 2021 18:33  
 Operator : CG/JU  
 Sample : M1993-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T-1

Quant Time: Apr 13 00:26:35 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP040921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 09 18:44:11 2021  
 Response via : Initial Calibration

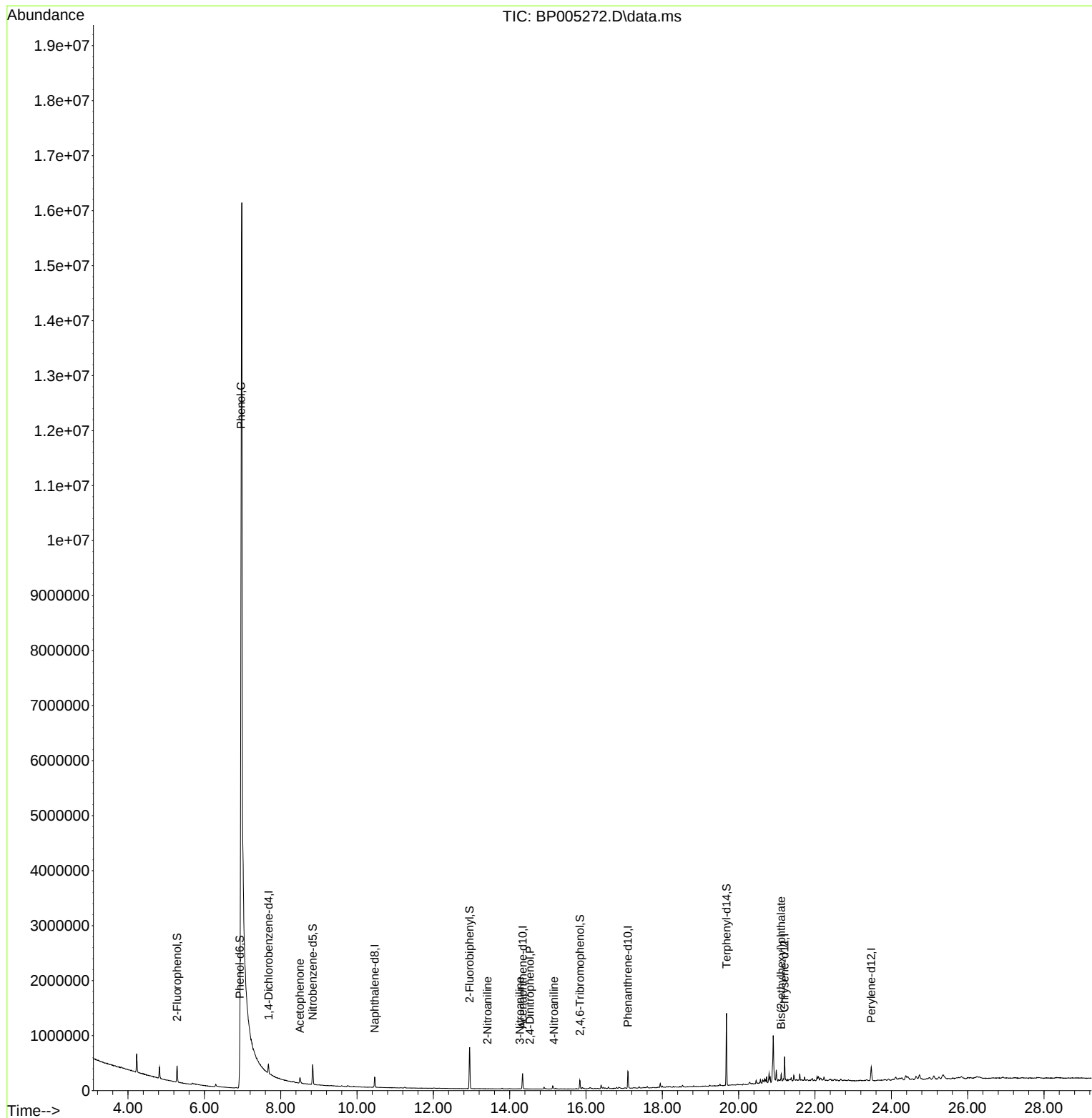
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 37229    | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.463 | 136  | 129675   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.339 | 164  | 77378    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 164126   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 172256   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.474 | 264  | 163383   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 125949   | 35.50 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.928  | 99   | 286885   | 70.88 | ng    | 0.06     |
| 23) Nitrobenzene-d5           | 8.840  | 82   | 218369   | 53.10 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.839 | 330  | 21767    | 22.29 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 329692   | 57.52 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.680 | 244  | 521294   | 59.45 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 10) Phenol                    | 6.963  | 94   | 12123    | 2.92  | ng    | # 38     |
| 22) Acetophenone              | 8.505  | 105  | 57918    | 12.68 | ng    | # 87     |
| 48) 2-Nitroaniline            | 13.416 | 65   | 72       | 3.55  | ng    | # 1      |
| 53) 3-Nitroaniline            | 14.269 | 138  | 41       | 2.51  | ng    | # 70     |
| 54) 2,4-Dinitrophenol         | 14.528 | 184  | 14       | 6.17  | ng    | 88       |
| 62) 4-Nitroaniline            | 15.163 | 138  | 17       | 2.09  | ng    | 88       |
| 84) Bis(2-ethylhexyl)phtha... | 21.116 | 149  | 39651    | 6.31  | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

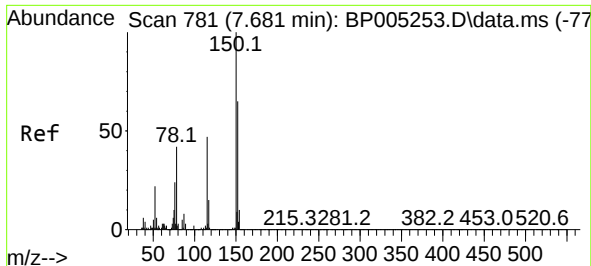
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1993-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

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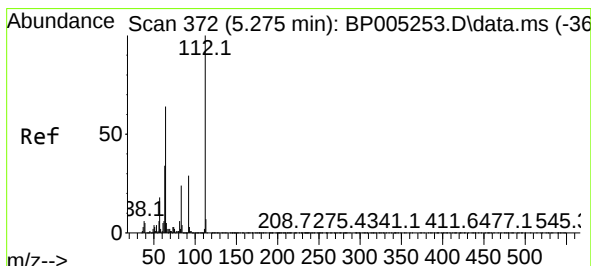
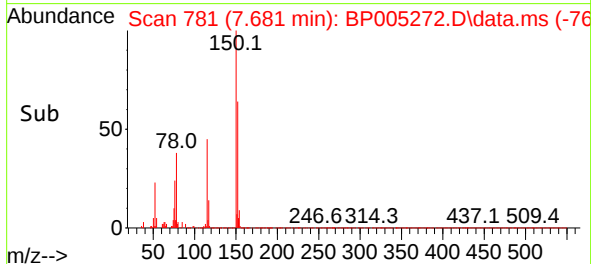
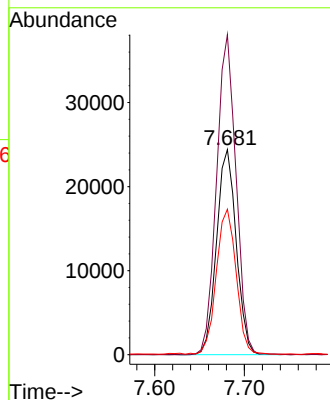
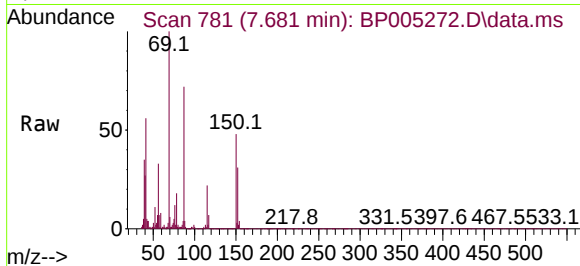




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

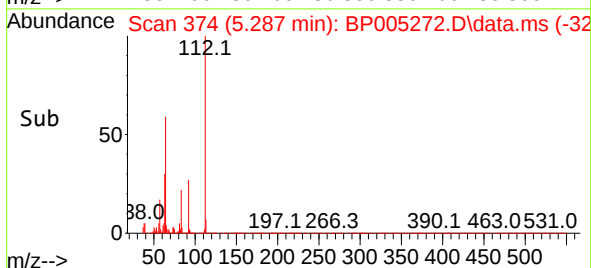
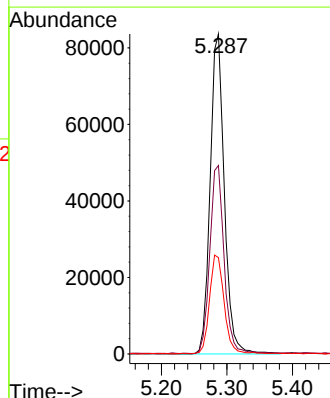
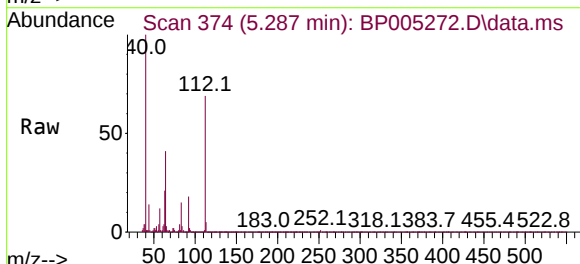
Instrument :  
BNA\_P  
ClientSampleId :  
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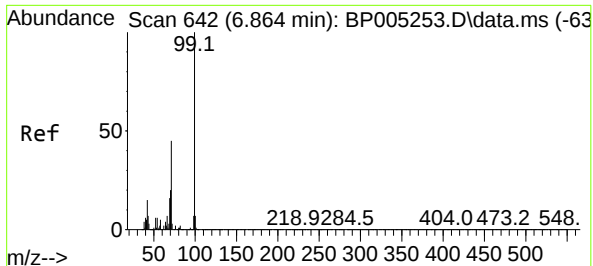
Tgt Ion:152 Resp: 37229  
Ion Ratio Lower Upper  
152 100  
150 156.0 123.8 185.6  
115 70.9 43.8 65.6#



#5  
2-Fluorophenol  
Concen: 35.50 ng  
RT: 5.287 min Scan# 374  
Delta R.T. 0.012 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion:112 Resp: 125949  
Ion Ratio Lower Upper  
112 100  
64 58.9 32.8 49.2#  
63 30.1 17.0 25.4#

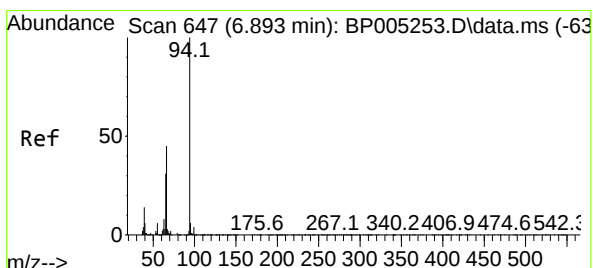
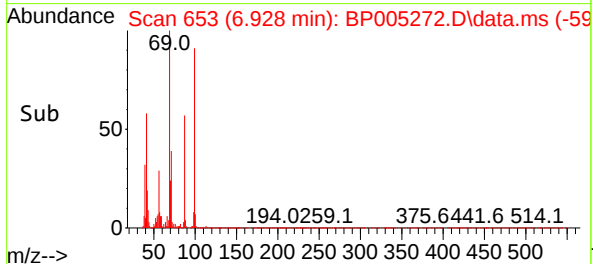
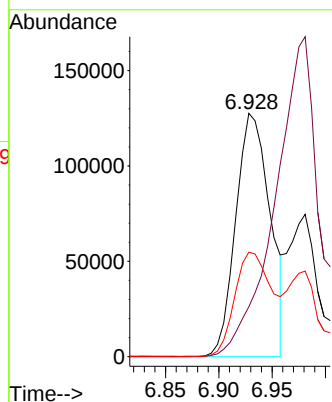
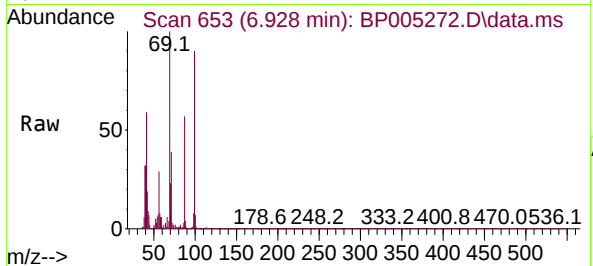




#7  
Phenol-d6  
Concen: 70.88 ng  
RT: 6.928 min Scan# 653  
Delta R.T. 0.065 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

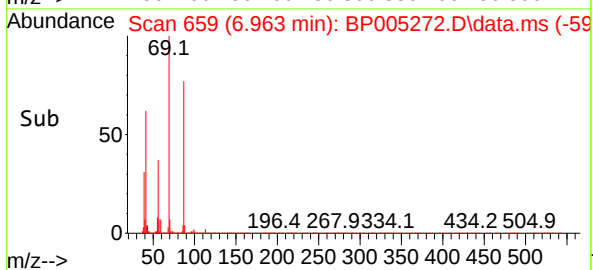
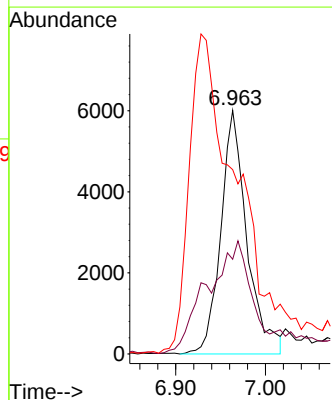
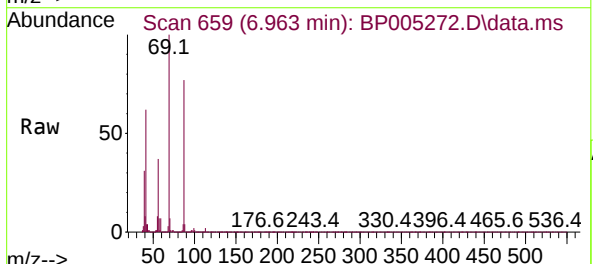
Instrument :  
BNA\_P  
ClientSampled :  
T-1

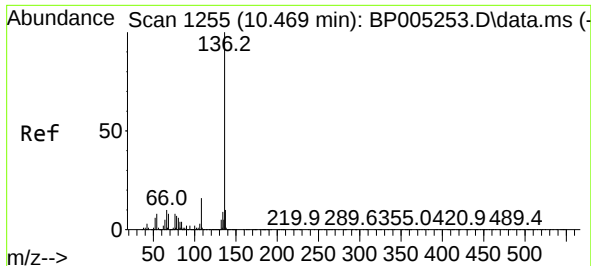
Tgt Ion: 99 Resp: 286885  
Ion Ratio Lower Upper  
99 100  
42 20.5 8.6 13.0#  
71 42.9 23.4 35.2#



#10  
Phenol  
Concen: 2.92 ng  
RT: 6.963 min Scan# 659  
Delta R.T. 0.070 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion: 94 Resp: 12123  
Ion Ratio Lower Upper  
94 100  
65 38.9 2.3 42.3  
66 75.7 10.9 50.9#

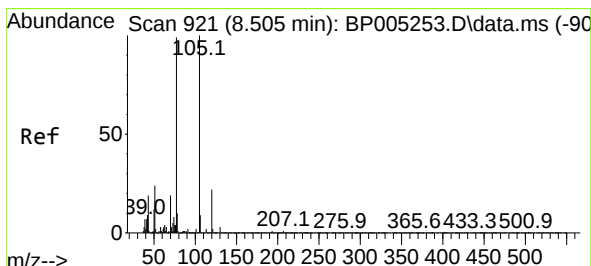
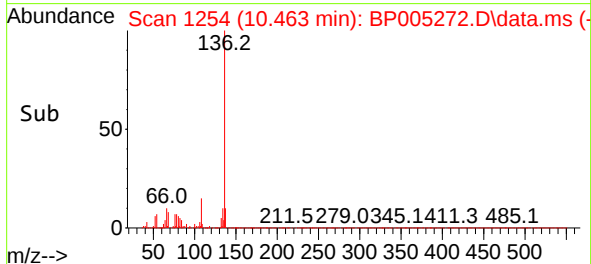
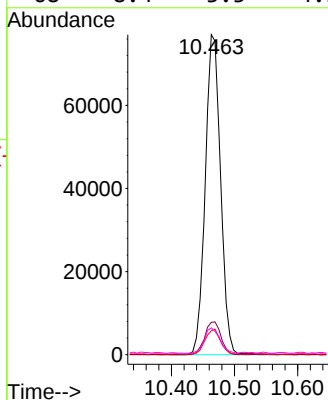
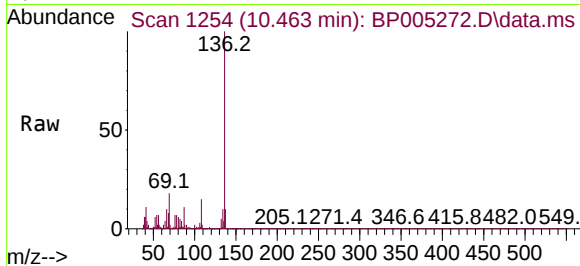




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

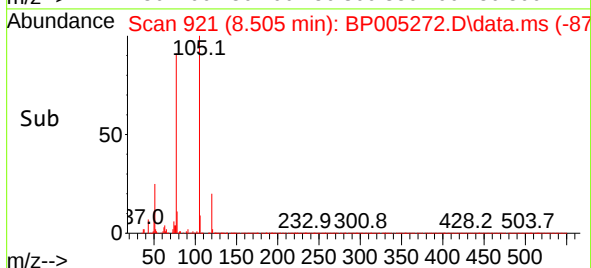
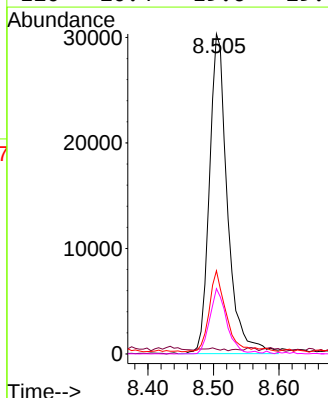
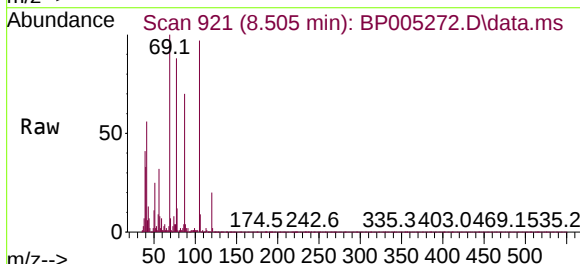
Instrument :  
BNA\_P  
ClientSampled :  
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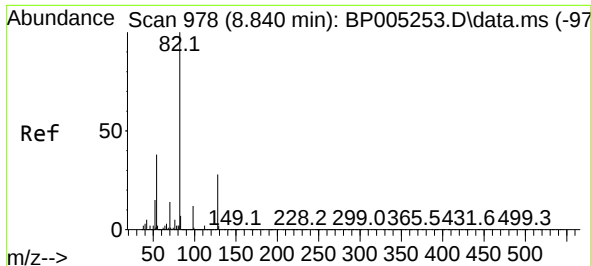
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 129675 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.1  | 8.6   | 13.0   |
| 54        | 7.5   | 3.6   | 5.4#   |
| 68        | 8.4   | 3.3   | 4.9#   |



#22  
Acetophenone  
Concen: 12.68 ng  
RT: 8.505 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 57918 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.5   | 2.6   | 3.8#  |
| 51        | 26.0  | 13.5  | 20.3# |
| 120       | 20.4  | 19.6  | 29.4  |

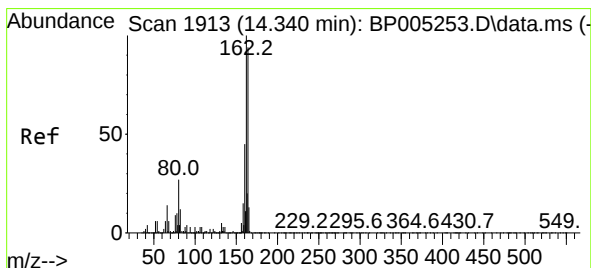
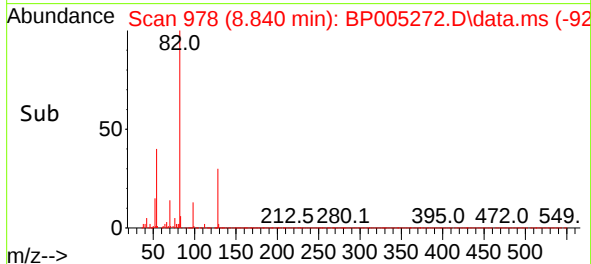
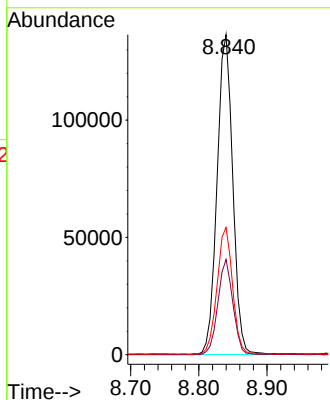
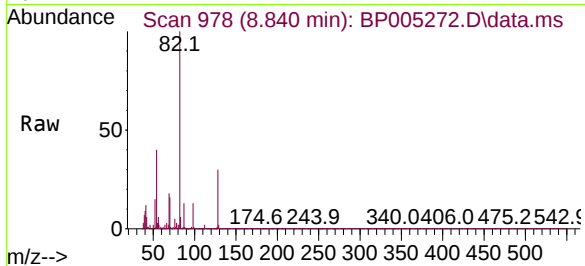




#23  
Nitrobenzene-d5  
Concen: 53.10 ng  
RT: 8.840 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

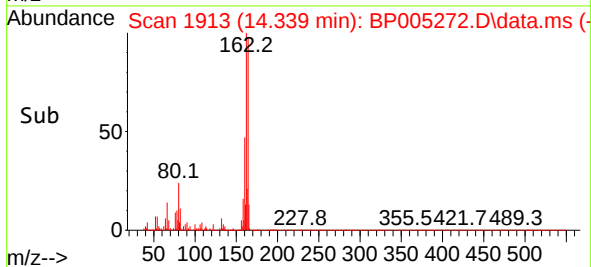
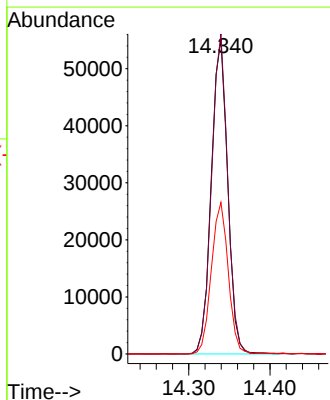
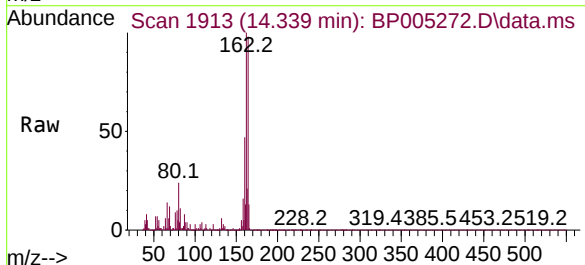
Instrument :  
BNA\_P  
ClientSampled :  
T-1

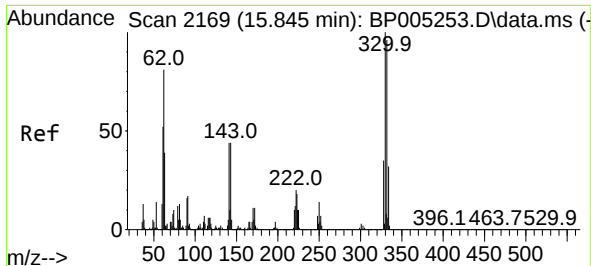
Tgt Ion: 82 Resp: 218369  
Ion Ratio Lower Upper  
82 100  
128 29.7 45.6 68.4#  
54 39.8 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.339 min Scan# 1913  
Delta R.T. -0.001 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion:164 Resp: 77378  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.4 119.2  
160 48.2 36.1 54.1

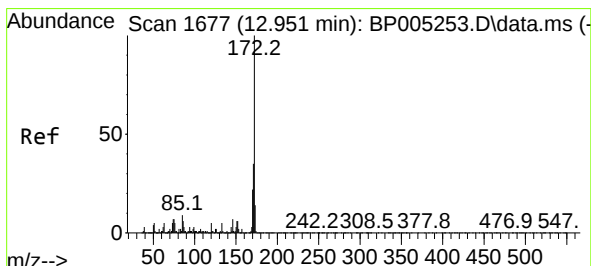
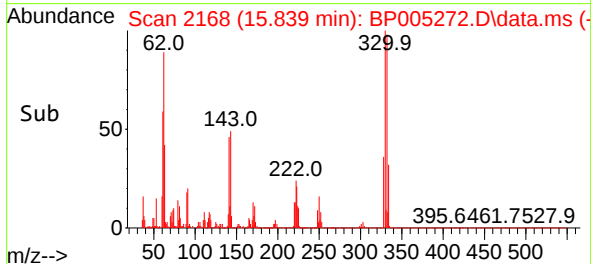
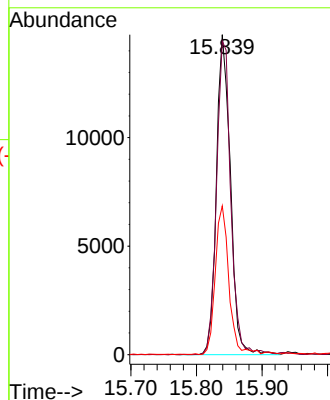
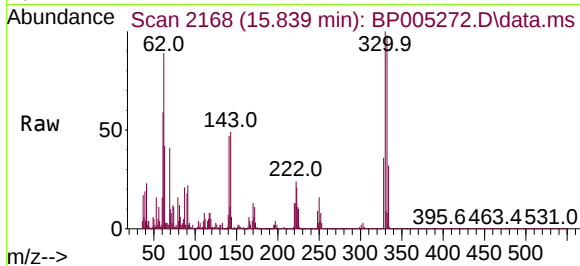




#42  
2,4,6-Tribromophenol  
Concen: 22.29 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

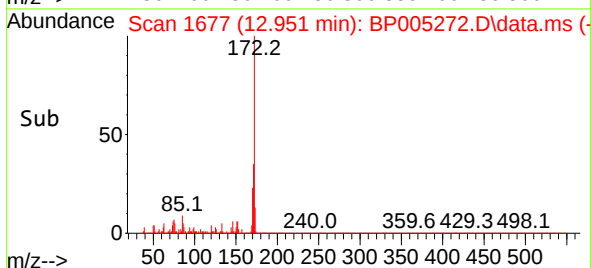
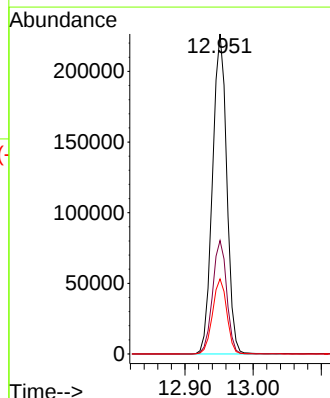
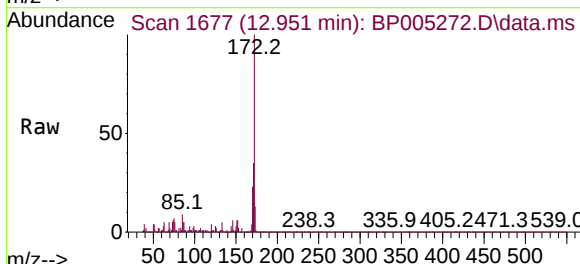
Instrument :  
BNA\_P  
ClientSampleId :  
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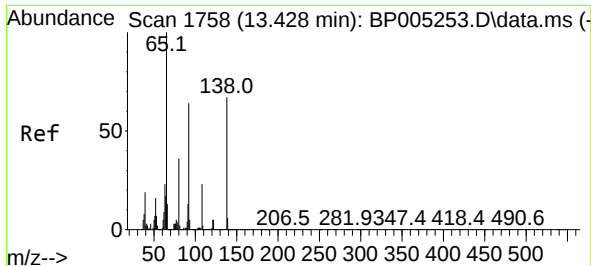
Tgt Ion:330 Resp: 21767  
Ion Ratio Lower Upper  
330 100  
332 99.8 77.1 115.7  
141 45.2 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 57.52 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion:172 Resp: 329692  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.4 19.2 28.8

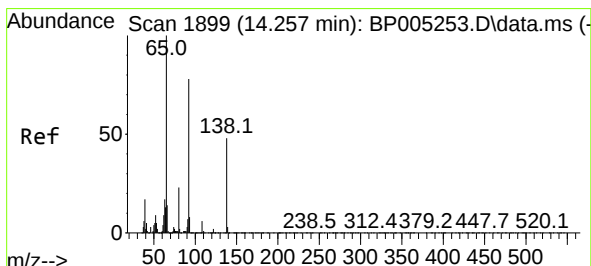
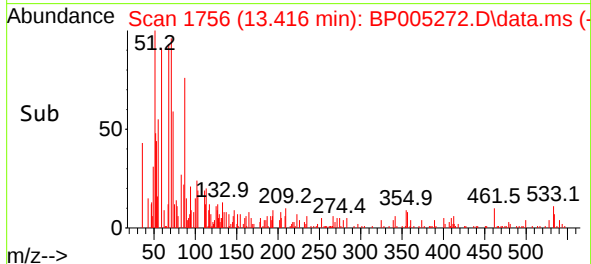
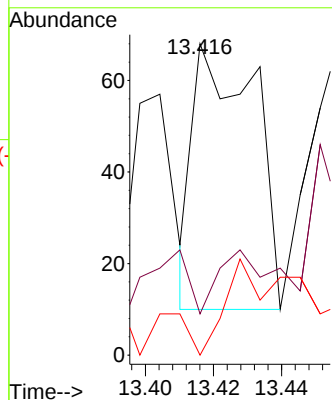
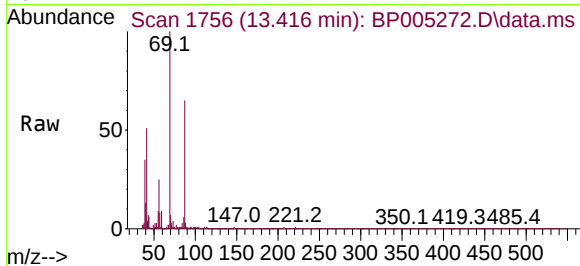




#48  
2-Nitroaniline  
Concen: 3.55 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.012 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

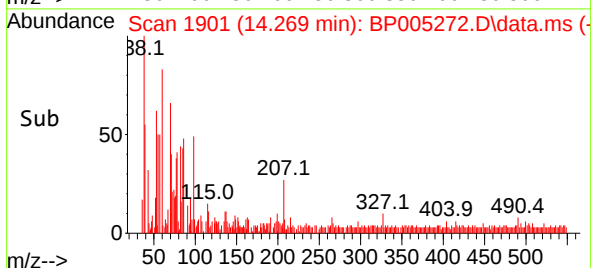
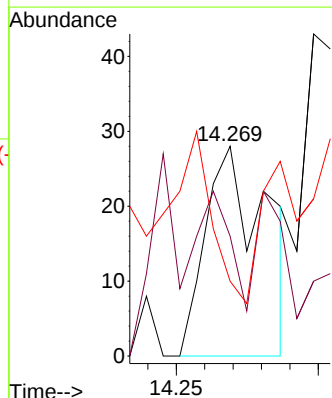
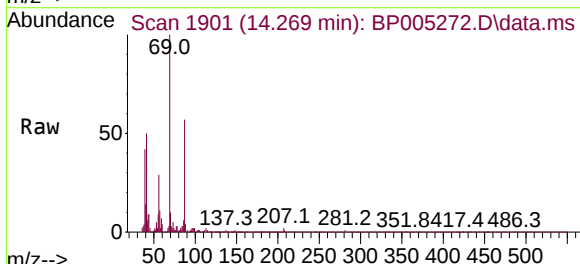
Instrument :  
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ClientSampled :  
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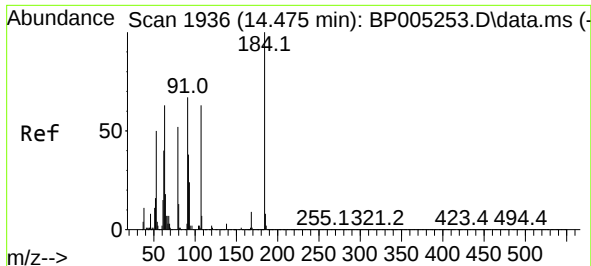
Tgt Ion: 65 Resp: 72  
Ion Ratio Lower Upper  
65 100  
92 13.2 70.6 106.0#  
138 0.0 133.6 200.4#



#53  
3-Nitroaniline  
Concen: 2.51 ng  
RT: 14.269 min Scan# 1901  
Delta R.T. 0.012 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion: 138 Resp: 41  
Ion Ratio Lower Upper  
138 100  
108 57.1 7.5 11.3#  
92 75.0 75.0 112.6#

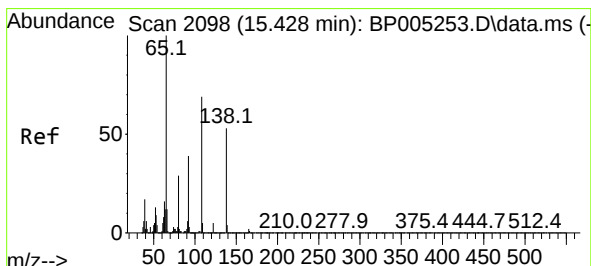
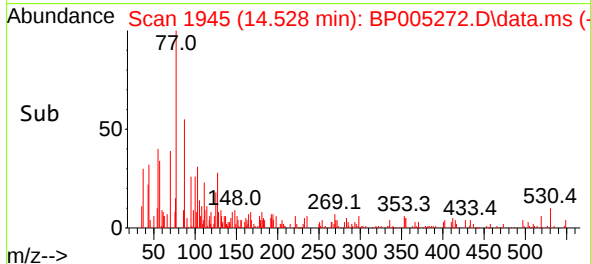
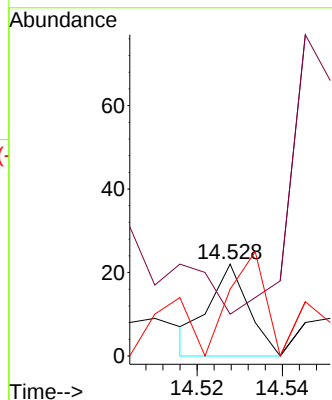
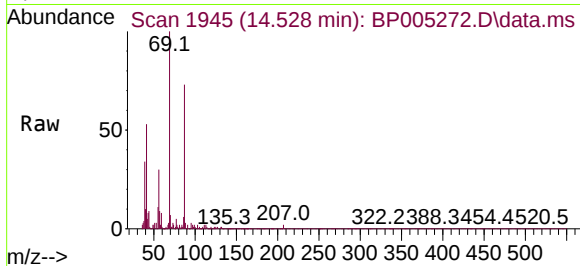




#54  
2,4-Dinitrophenol  
Concen: 6.17 ng  
RT: 14.528 min Scan# 1945  
Delta R.T. 0.053 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

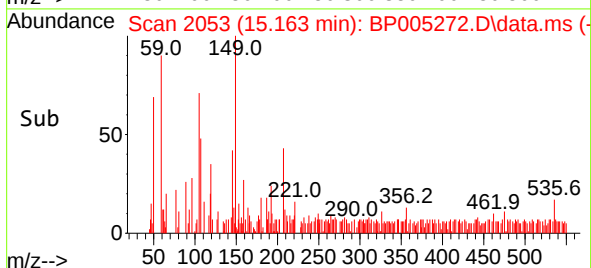
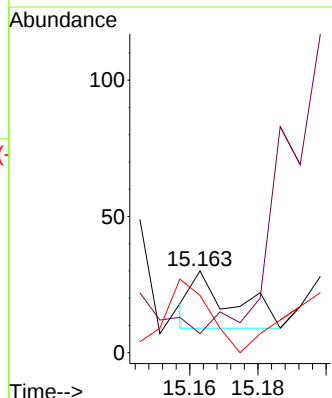
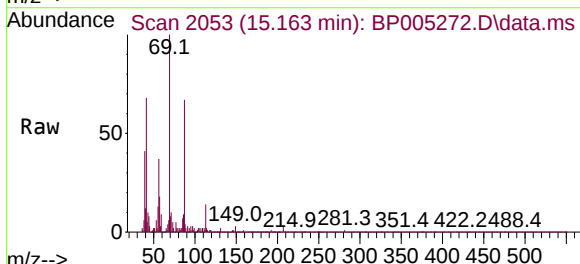
Instrument :  
BNA\_P  
ClientSampled :  
T-1

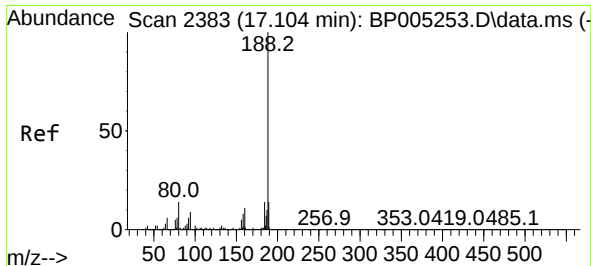
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 14        |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 63          | 45.5  | 32.3 48.5 |
| 154         | 72.7  | 49.1 73.7 |



#62  
4-Nitroaniline  
Concen: 2.09 ng  
RT: 15.163 min Scan# 2053  
Delta R.T. -0.265 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:138 | Resp: | 17        |
| Ion Ratio   | Lower | Upper     |
| 138         | 100   |           |
| 92          | 23.3  | 20.7 60.7 |
| 108         | 70.0  | 47.8 87.8 |

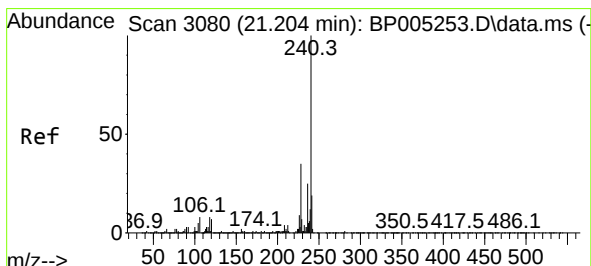
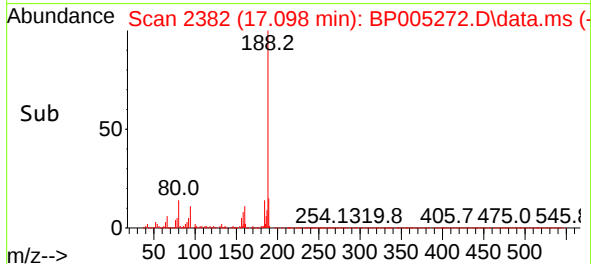
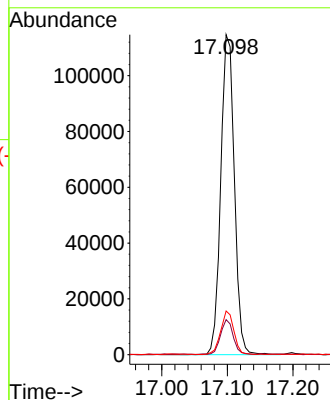
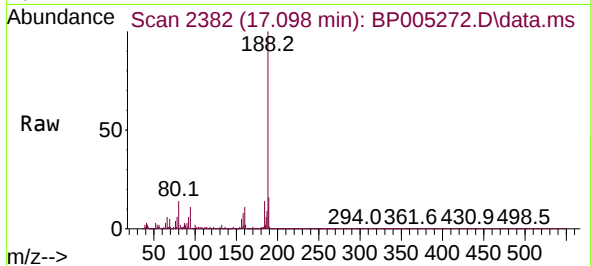




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.098 min Scan# 2382  
Delta R.T. -0.006 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

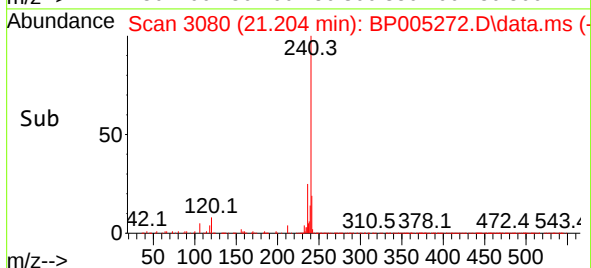
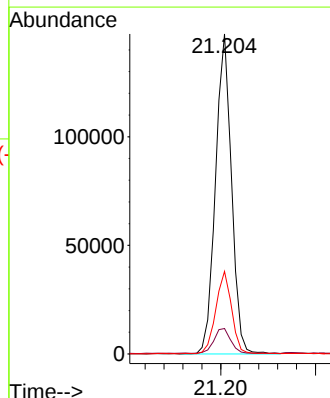
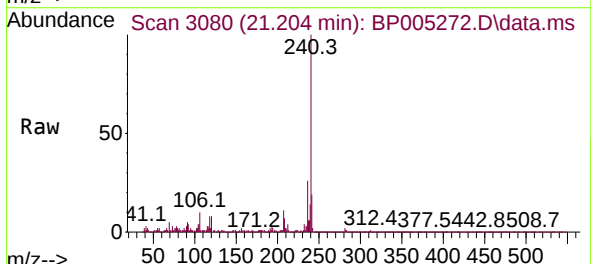
Instrument :  
BNA\_P  
ClientSampleId :  
T-1

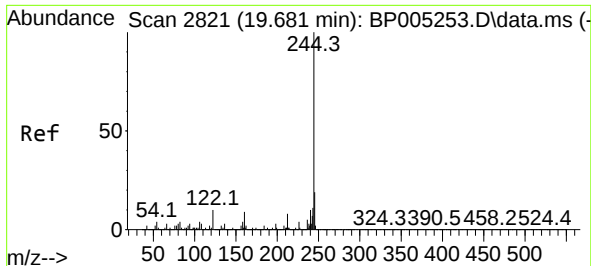
Tgt Ion:188 Resp: 164126  
Ion Ratio Lower Upper  
188 100  
94 10.9 6.2 9.2#  
80 13.7 6.2 9.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Tgt Ion:240 Resp: 172256  
Ion Ratio Lower Upper  
240 100  
120 8.0 7.8 11.6  
236 25.8 20.8 31.2

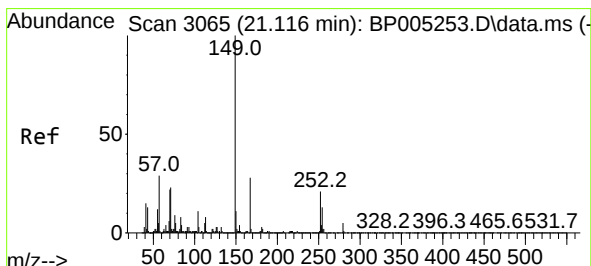
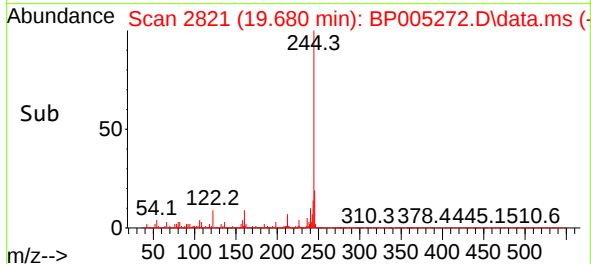
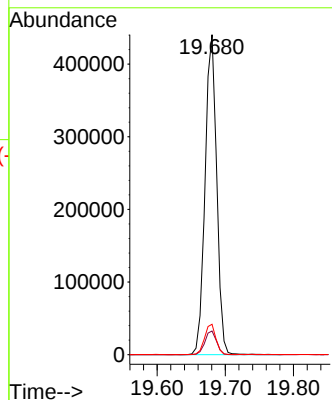
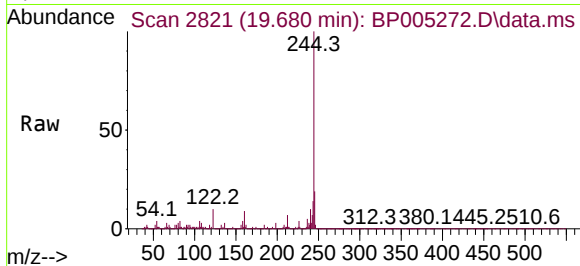




#79  
 Terphenyl-d14  
 Concen: 59.45 ng  
 RT: 19.680 min Scan# 2821  
 Delta R.T. -0.000 min  
 Lab File: BP005272.D  
 Acq: 12 Apr 2021 18:33

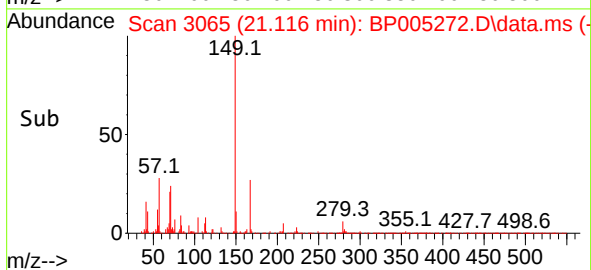
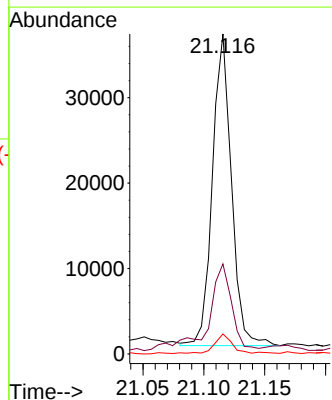
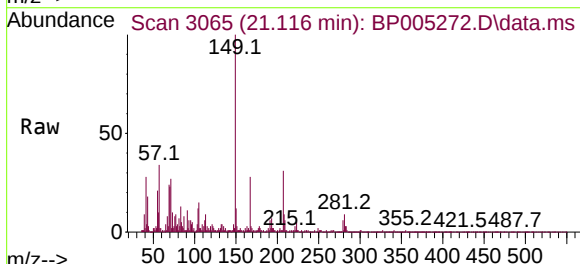
Instrument :  
 BNA\_P  
 ClientSampled :  
 T-1

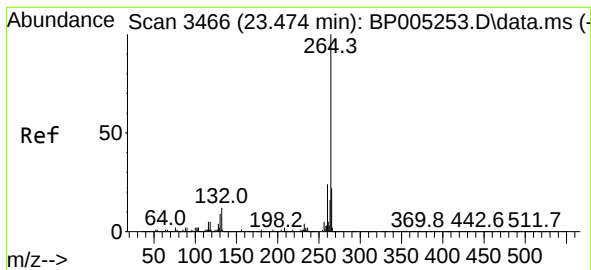
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:244 | Resp: | 521294 |       |
| Ion         | Ratio | Lower  | Upper |
| 244         | 100   |        |       |
| 212         | 7.4   | 5.8    | 8.6   |
| 122         | 9.5   | 7.8    | 11.8  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.31 ng  
 RT: 21.116 min Scan# 3065  
 Delta R.T. -0.000 min  
 Lab File: BP005272.D  
 Acq: 12 Apr 2021 18:33

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:149 | Resp: | 39651 |       |
| Ion         | Ratio | Lower | Upper |
| 149         | 100   |       |       |
| 167         | 28.1  | 22.6  | 34.0  |
| 279         | 6.3   | 4.2   | 6.2#  |





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.474 min Scan# 3466  
Delta R.T. -0.000 min  
Lab File: BP005272.D  
Acq: 12 Apr 2021 18:33

Instrument :  
BNA\_P  
ClientSampleId :  
T-1

Tgt Ion:264 Resp: 163383  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 18.8  | 28.2  |
| 265 | 22.4  | 17.4  | 26.2  |

