

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012121\  
 Data File : BM028499.D  
 Acq On : 21 Jan 2021 21:44  
 Operator : CG/JU  
 Sample : M1157-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-2

Quant Time: Jan 21 23:35:33 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 20 14:45:01 2021  
 Response via : Initial Calibration

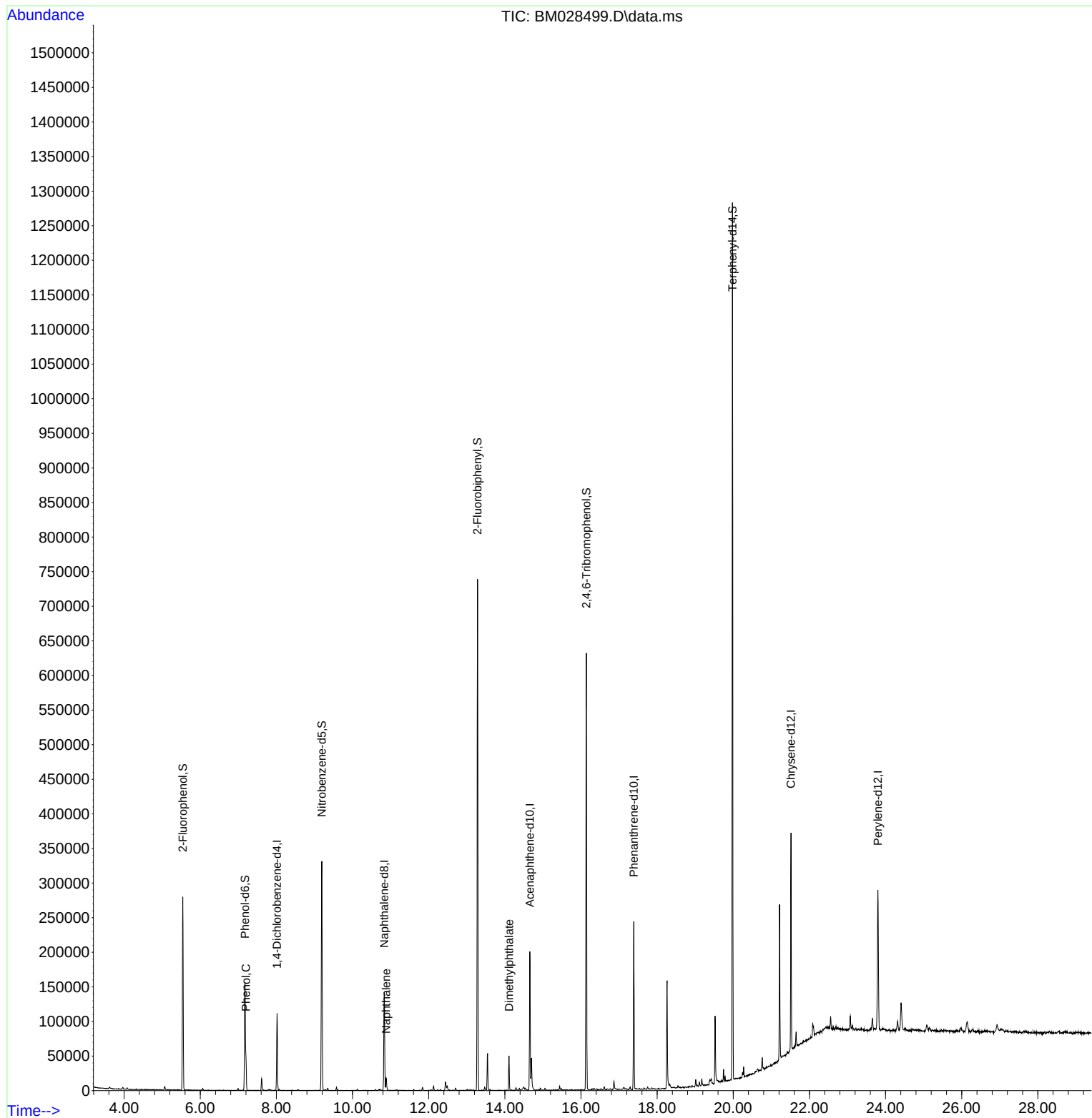
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.016  | 152  | 29243    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.834 | 136  | 113755   | 20.00  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.657 | 164  | 63100    | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.386 | 188  | 129957   | 20.00  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.515 | 240  | 130206   | 20.00  | ng    | #-0.02   |
| 86) Perylene-d12            | 23.798 | 264  | 128983   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 107194   | 57.90  | ng    | -0.01    |
| 7) Phenol-d6                | 7.175  | 99   | 81950    | 32.51  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.193  | 82   | 173954   | 72.53  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.139 | 330  | 101481   | 121.38 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.281 | 172  | 371521   | 73.87  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.980 | 244  | 491748   | 68.20  | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 7.199  | 94   | 20899    | 8.80   | ng    | 87       |
| 31) Naphthalene             | 10.881 | 128  | 13957    | 2.17   | ng    | 95       |
| 50) Dimethylphthalate       | 14.110 | 163  | 29917    | 5.77   | ng    | 99       |
| -----                       |        |      |          |        |       |          |

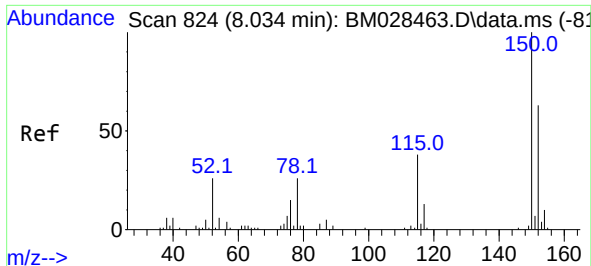
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012121\  
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BNA\_M  
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Quant Time: Jan 21 23:35:33 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 20 14:45:01 2021  
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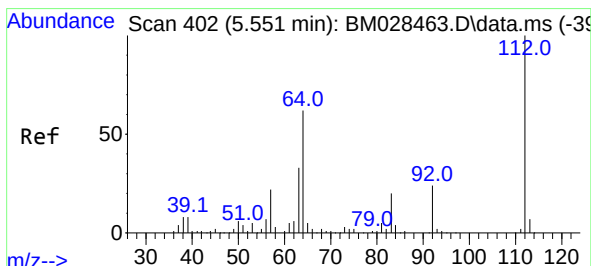
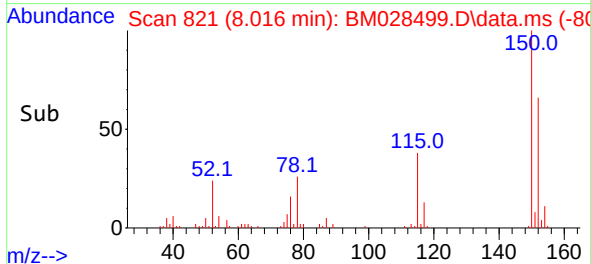
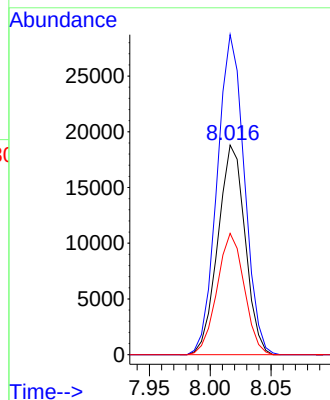
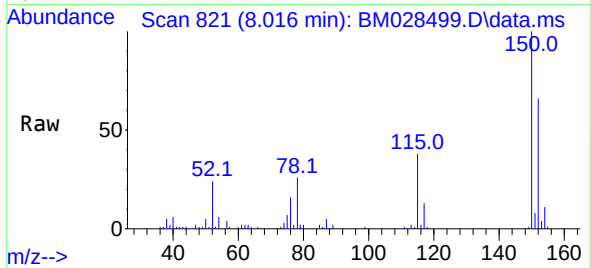




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.016 min Scan# 821  
Delta R.T. -0.018 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

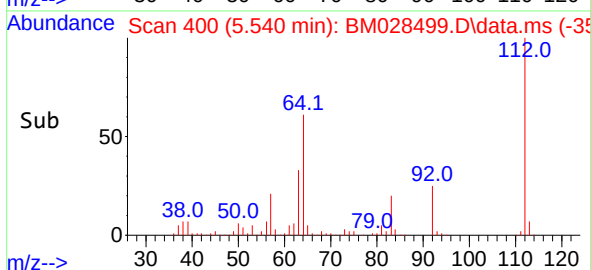
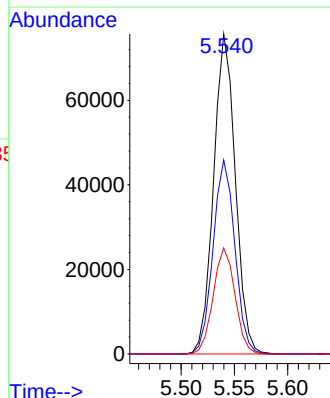
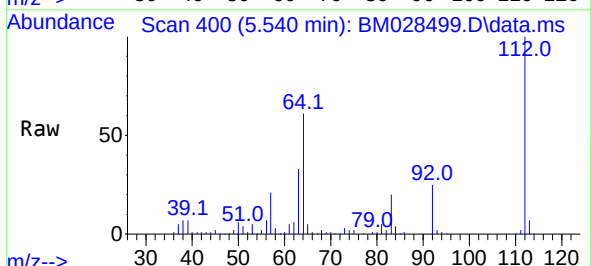
Instrument :  
BNA\_M  
ClientSampleId :  
MW-2

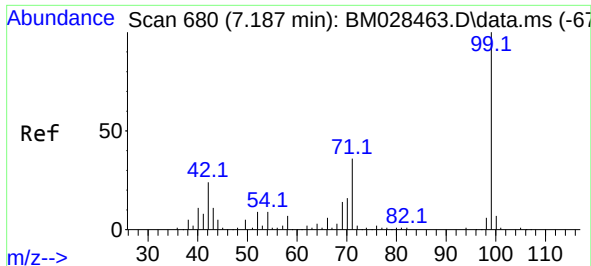
Tgt Ion:152 Resp: 29243  
Ion Ratio Lower Upper  
152 100  
150 152.7 120.6 181.0  
115 57.8 47.2 70.8



#5  
2-Fluorophenol  
Concen: 57.90 ng  
RT: 5.540 min Scan# 400  
Delta R.T. -0.011 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion:112 Resp: 107194  
Ion Ratio Lower Upper  
112 100  
64 60.6 50.6 76.0  
63 33.1 31.0 46.6

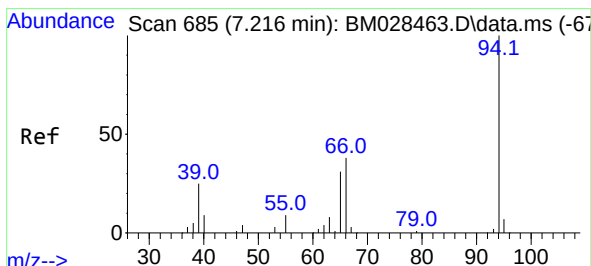
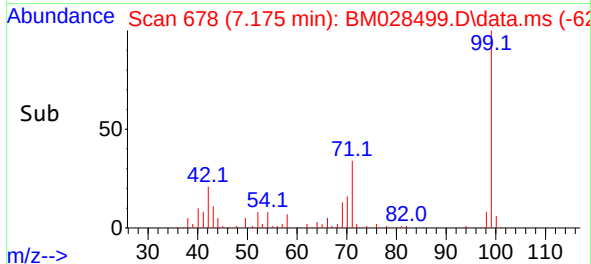
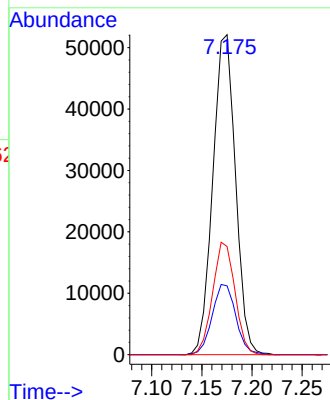
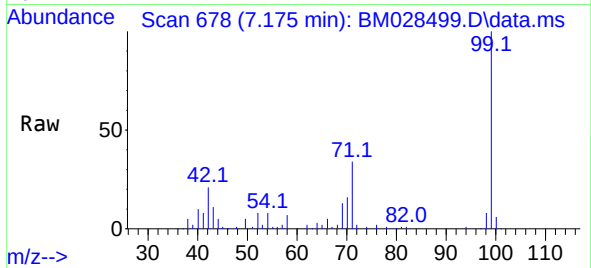




#7  
Phenol-d6  
Concen: 32.51 ng  
RT: 7.175 min Scan# 678  
Delta R.T. -0.011 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

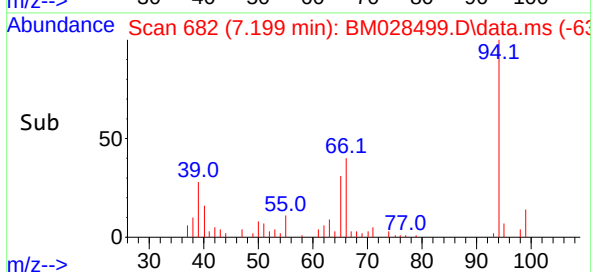
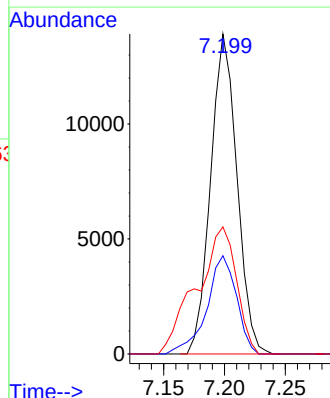
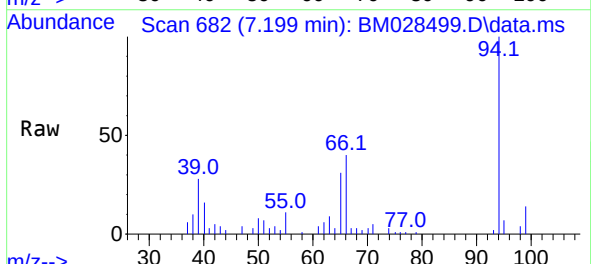
Instrument :  
BNA\_M  
ClientSampleId :  
MW-2

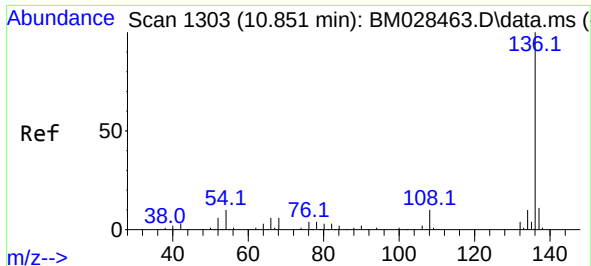
Tgt Ion: 99 Resp: 81950  
Ion Ratio Lower Upper  
99 100  
42 21.5 13.5 20.3#  
71 33.8 39.4 59.0#



#10  
Phenol  
Concen: 8.80 ng  
RT: 7.199 min Scan# 682  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion: 94 Resp: 20899  
Ion Ratio Lower Upper  
94 100  
65 30.7 16.4 56.4  
66 39.7 30.2 70.2



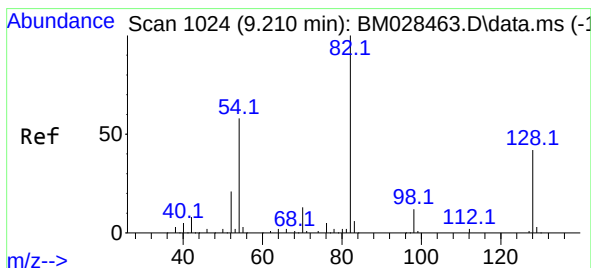
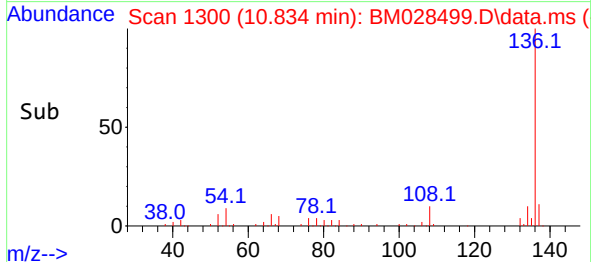
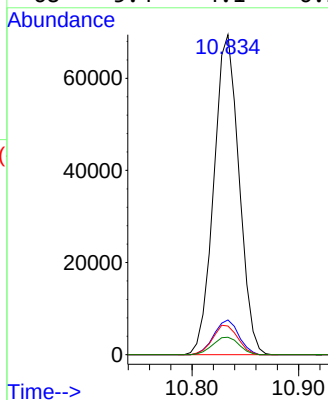
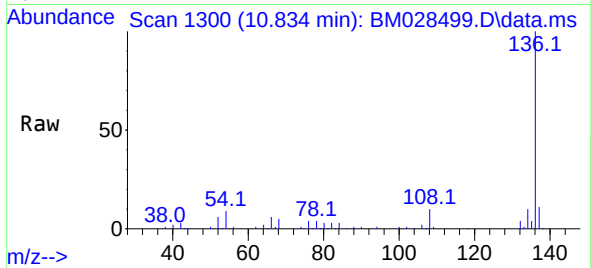


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.834 min Scan# 1300  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Instrument :  
BNA\_M  
ClientSampled :  
MW-2

Tgt Ion:136 Resp: 113755

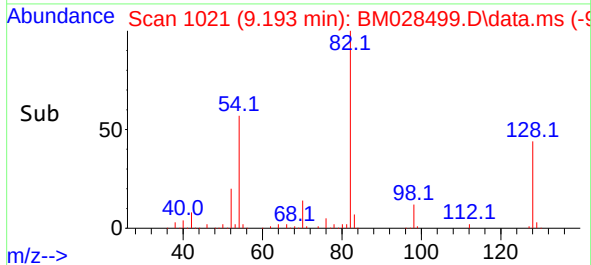
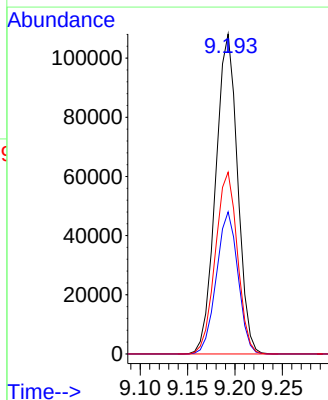
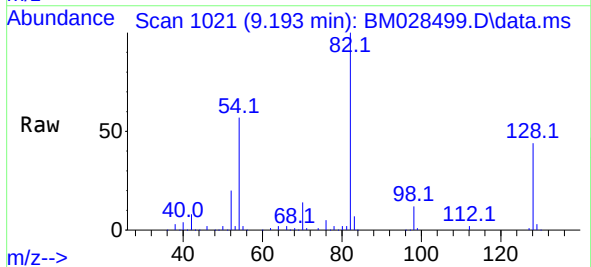
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 9.0   | 4.6   | 7.0#  |
| 68  | 5.4   | 4.1   | 6.1   |

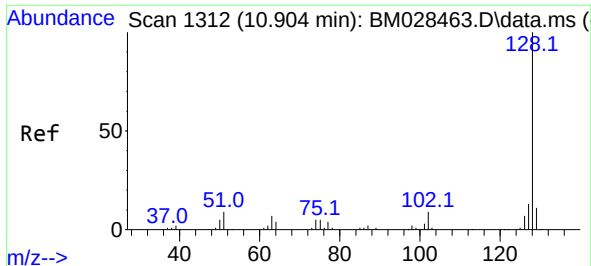


#23  
Nitrobenzene-d5  
Concen: 72.53 ng  
RT: 9.193 min Scan# 1021  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion: 82 Resp: 173954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.4  | 27.4  | 41.0# |
| 54  | 56.8  | 31.4  | 47.0# |



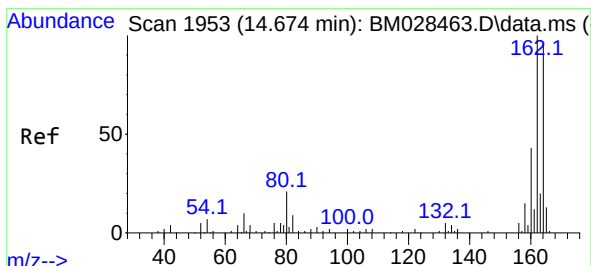
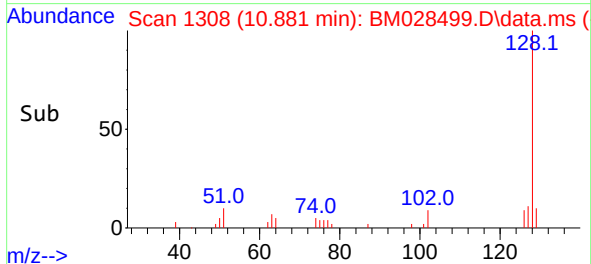
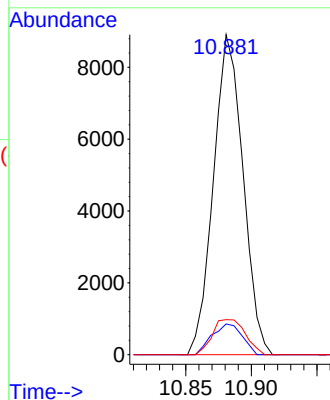
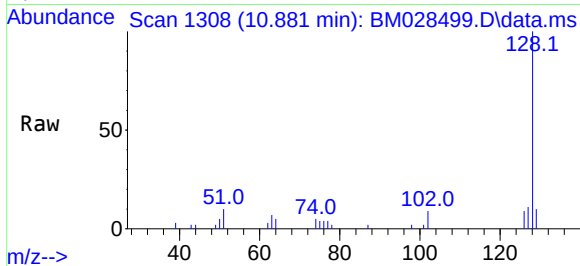


#31  
Naphthalene  
Concen: 2.17 ng  
RT: 10.881 min Scan# 1308  
Delta R.T. -0.023 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Instrument :  
BNA\_M  
ClientSampled :  
MW-2

Tgt Ion:128 Resp: 13957

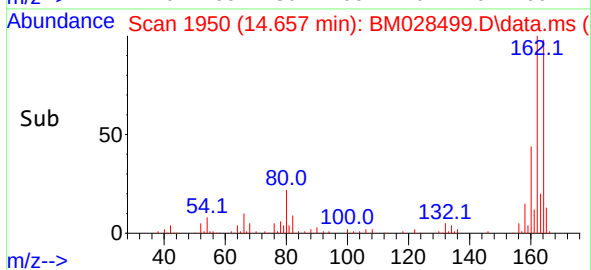
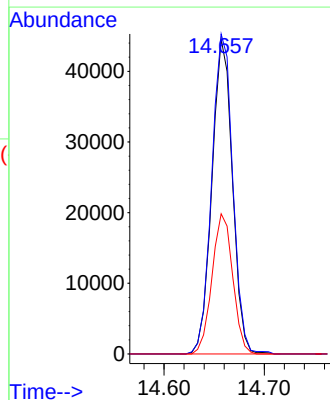
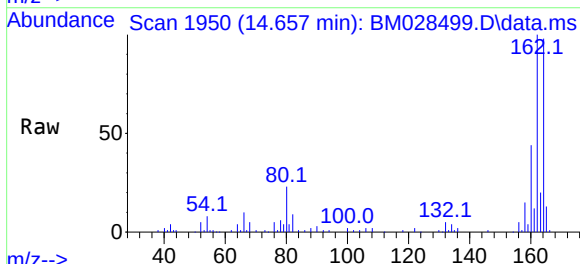
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 9.6   | 9.0   | 13.4  |
| 127 | 10.9  | 10.6  | 15.8  |

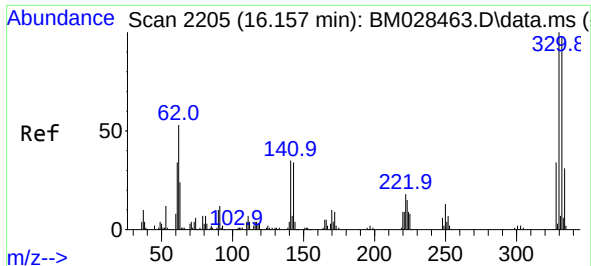


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.657 min Scan# 1950  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion:164 Resp: 63100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.6 | 80.4  | 120.6 |
| 160 | 44.5  | 35.9  | 53.9  |

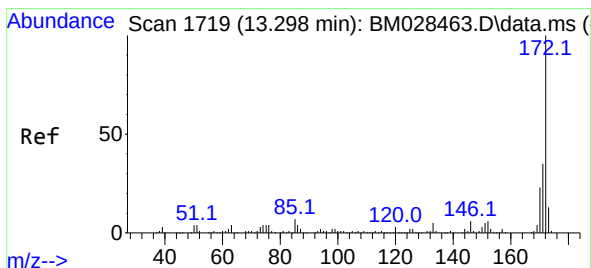
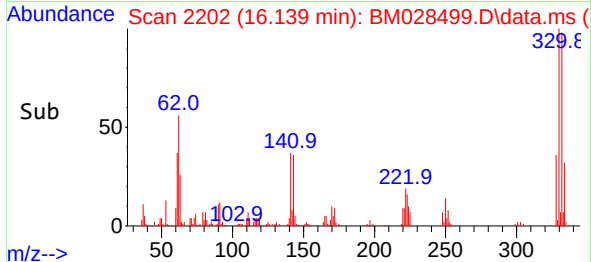
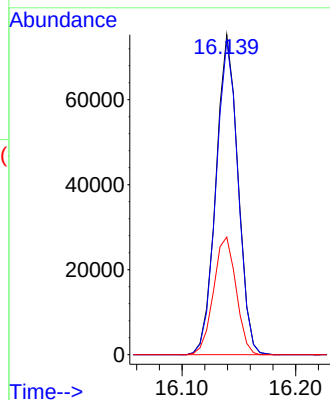
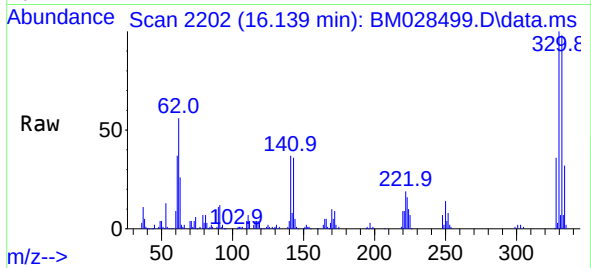




#42  
2,4,6-Tribromophenol  
Concen: 121.38 ng  
RT: 16.139 min Scan# 2202  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

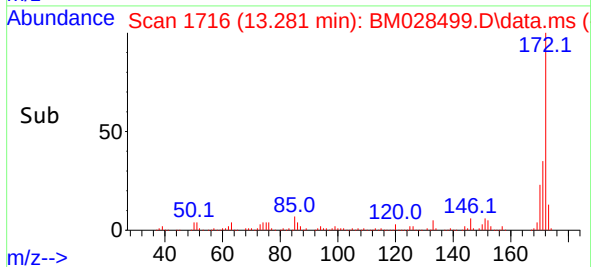
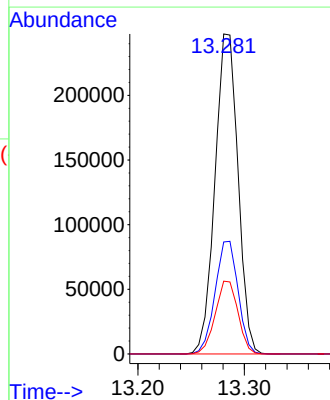
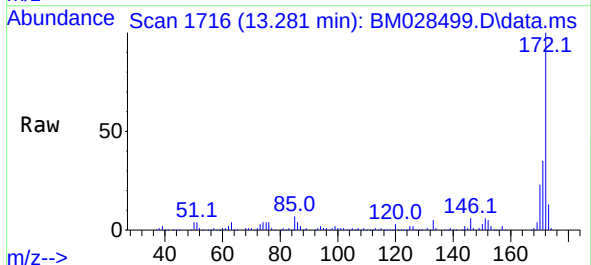
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BNA\_M  
ClientSampleId :  
MW-2

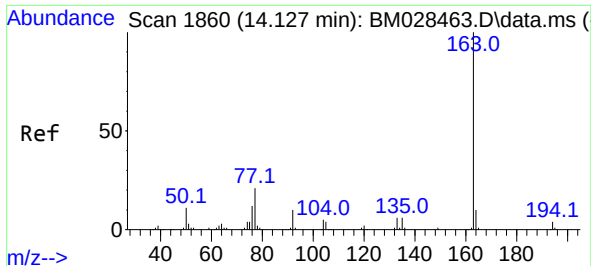
Tgt Ion:330 Resp: 101481  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.8 116.8  
141 37.6 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 73.87 ng  
RT: 13.281 min Scan# 1716  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion:172 Resp: 371521  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.8  
170 22.8 18.6 27.8

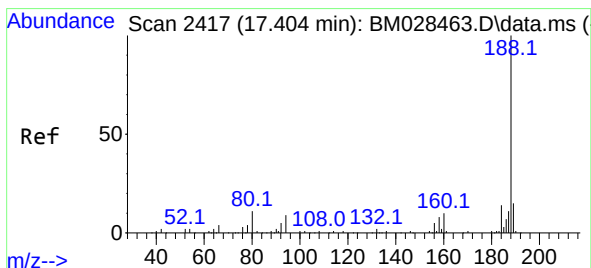
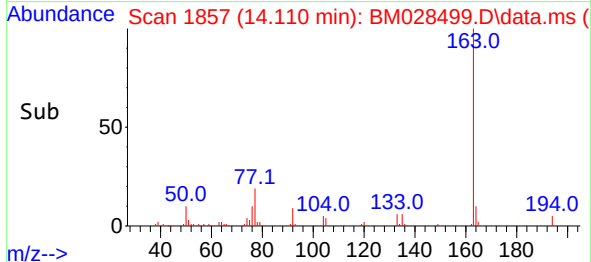
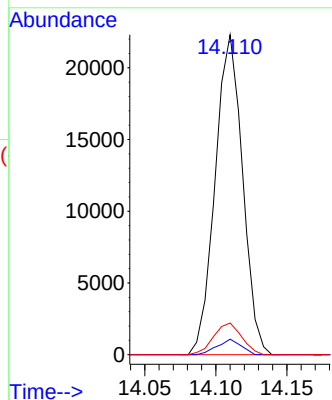
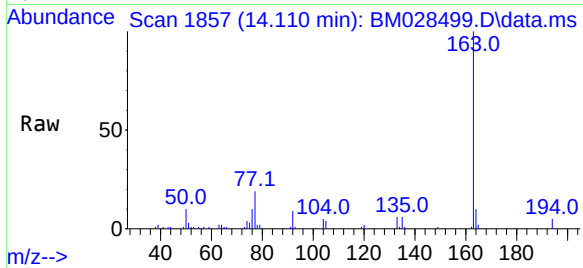




#50  
Dimethylphthalate  
Concen: 5.77 ng  
RT: 14.110 min Scan# 1857  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

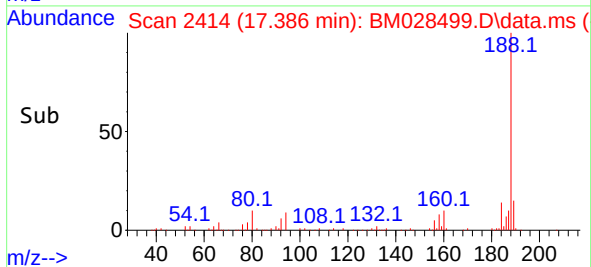
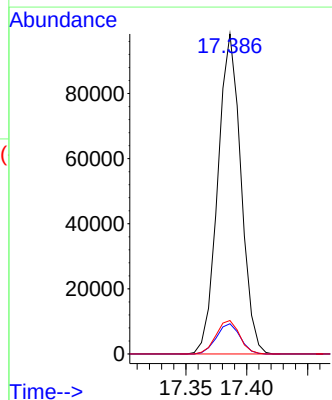
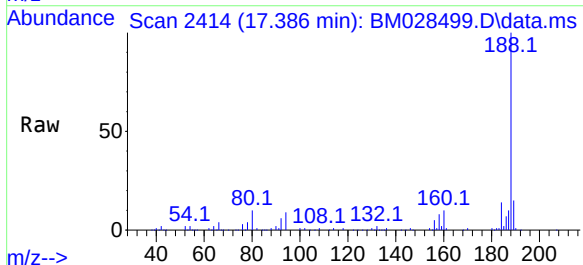
Instrument :  
BNA\_M  
ClientSampled :  
MW-2

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:163 | Resp: | 29917       |
| Ion         | Ratio | Lower Upper |
| 163         | 100   |             |
| 194         | 4.8   | 3.4 5.2     |
| 164         | 9.9   | 8.1 12.1    |

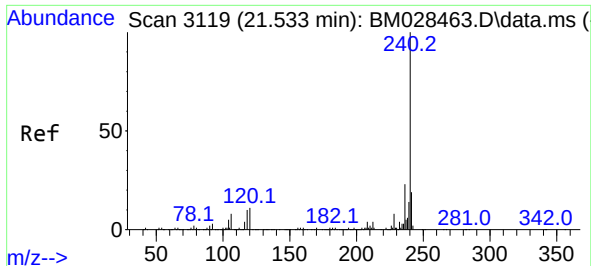


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2414  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:188 | Resp: | 129957      |
| Ion         | Ratio | Lower Upper |
| 188         | 100   |             |
| 94          | 9.5   | 6.2 9.4#    |
| 80          | 10.5  | 7.5 11.3    |



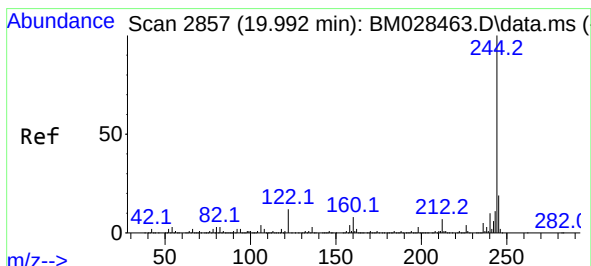
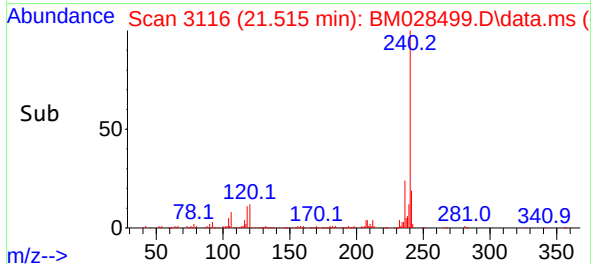
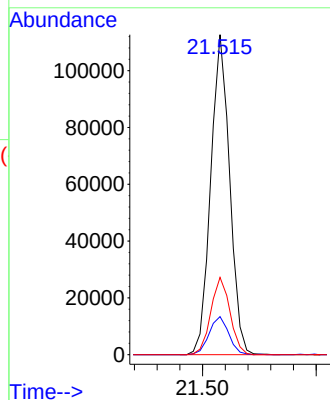
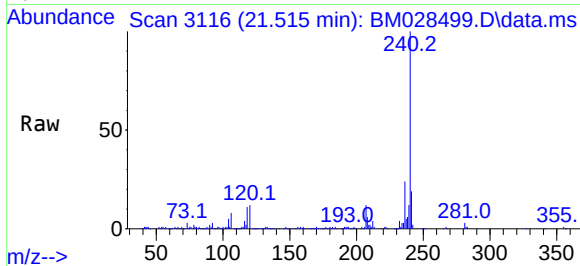




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.515 min Scan# 3116  
Delta R.T. -0.017 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

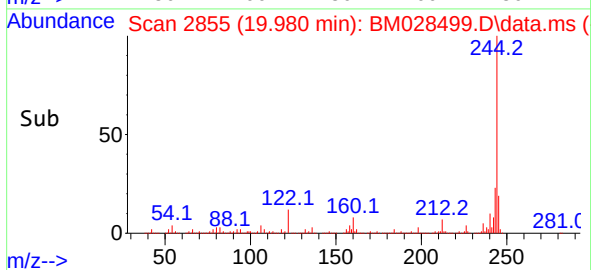
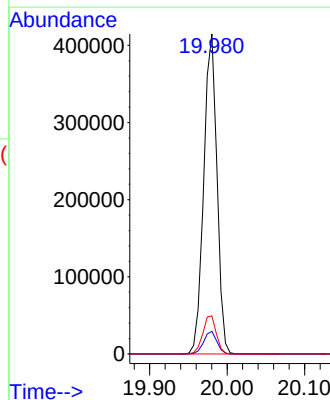
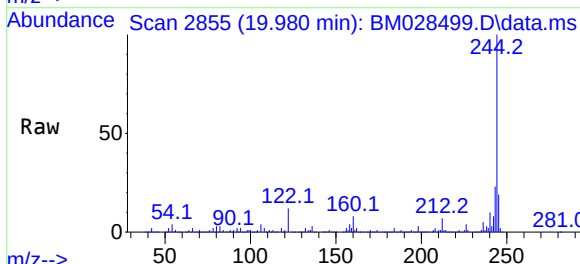
Instrument :  
BNA\_M  
ClientSampleId :  
MW-2

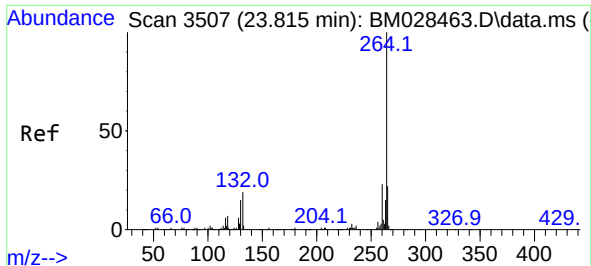
Tgt Ion:240 Resp: 130206  
Ion Ratio Lower Upper  
240 100  
120 11.9 6.4 9.6#  
236 24.2 20.1 30.1



#79  
Terphenyl-d14  
Concen: 68.20 ng  
RT: 19.980 min Scan# 2855  
Delta R.T. -0.011 min  
Lab File: BM028499.D  
Acq: 21 Jan 2021 21:44

Tgt Ion:244 Resp: 491748  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 11.9 6.5 9.7#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.798 min Scan# 3504  
 Delta R.T. -0.017 min  
 Lab File: BM028499.D  
 Acq: 21 Jan 2021 21:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-2

Tgt Ion:264 Resp: 128983  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.1  | 19.0  | 28.4  |
| 265 | 21.9  | 17.7  | 26.5  |

