

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012121\  
 Data File : BM028500.D  
 Acq On : 21 Jan 2021 22:20  
 Operator : CG/JU  
 Sample : M1157-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-1

Quant Time: Jan 21 23:35:43 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

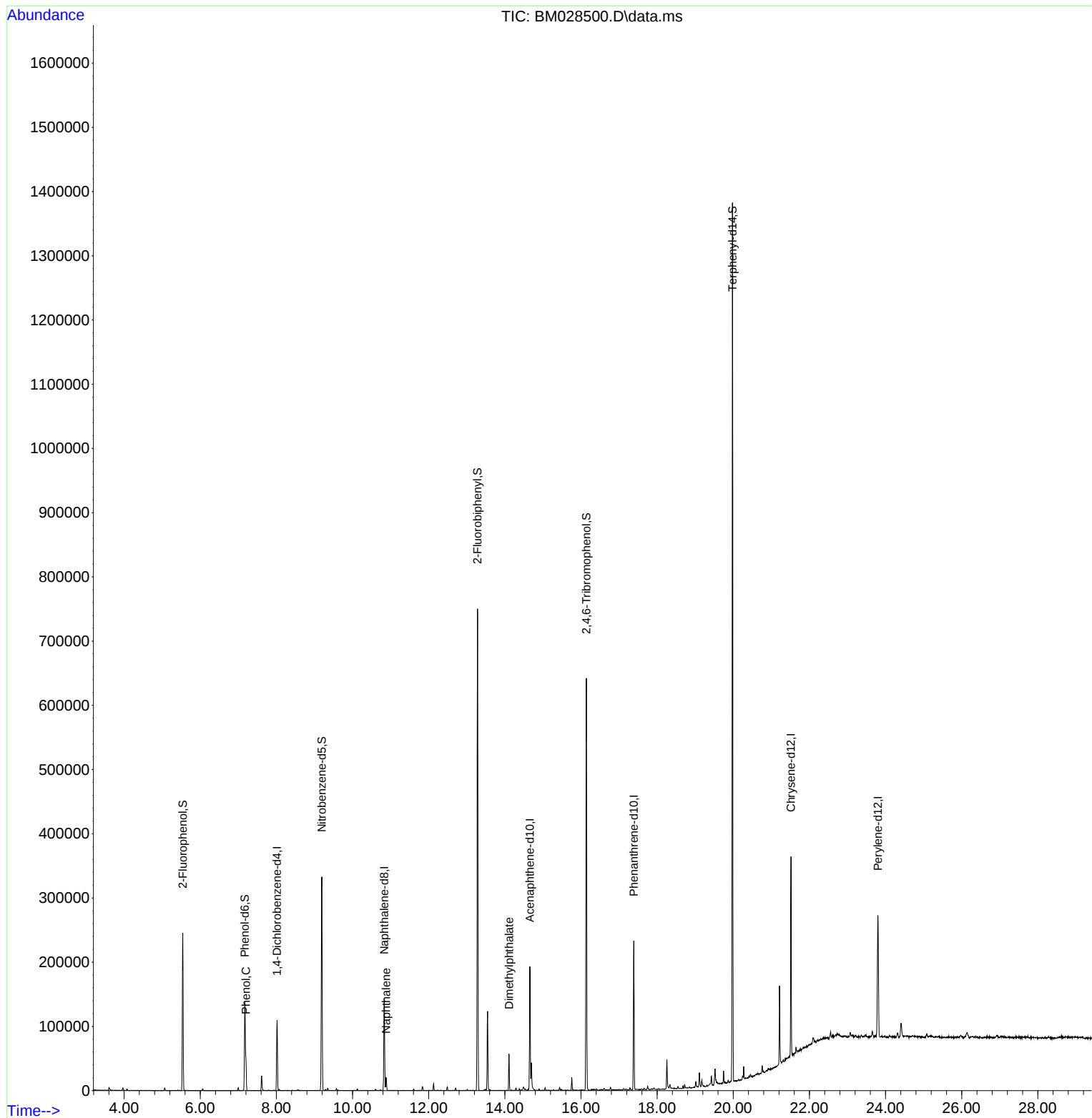
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.016  | 152  | 28955    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.833 | 136  | 112218   | 20.00  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.657 | 164  | 63472    | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.386 | 188  | 129719   | 20.00  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.515 | 240  | 127762   | 20.00  | ng    | #-0.02   |
| 86) Perylene-d12            | 23.797 | 264  | 125795   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 96103    | 52.43  | ng    | -0.01    |
| 7) Phenol-d6                | 7.169  | 99   | 71099    | 28.49  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.192  | 82   | 174116   | 73.59  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.139 | 330  | 106910   | 127.13 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.280 | 172  | 382642   | 75.63  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.980 | 244  | 530424   | 74.97  | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 7.198  | 94   | 21754    | 9.25   | ng    | 89       |
| 31) Naphthalene             | 10.880 | 128  | 16579    | 2.61   | ng    | 99       |
| 50) Dimethylphthalate       | 14.110 | 163  | 33564    | 6.43   | ng    | 99       |
| -----                       |        |      |          |        |       |          |

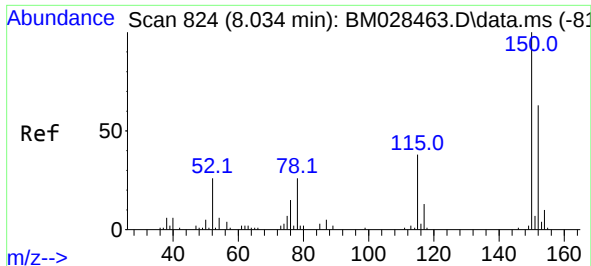
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012121\  
Data File : BM028500.D  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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BNA\_M  
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Quant Time: Jan 21 23:35:43 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

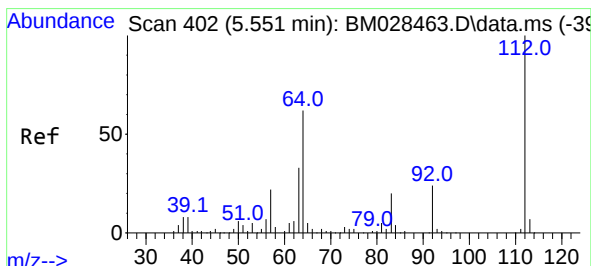
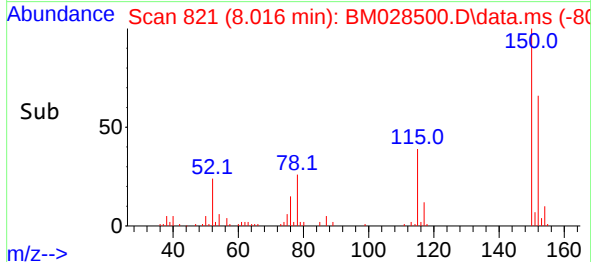
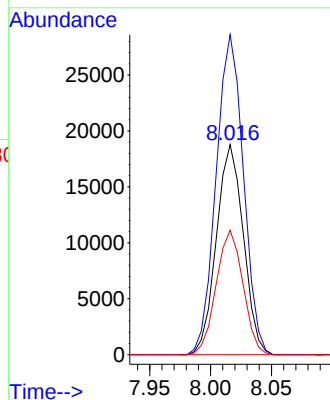
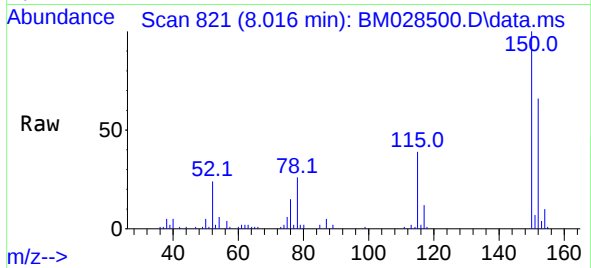




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.016 min Scan# 821  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

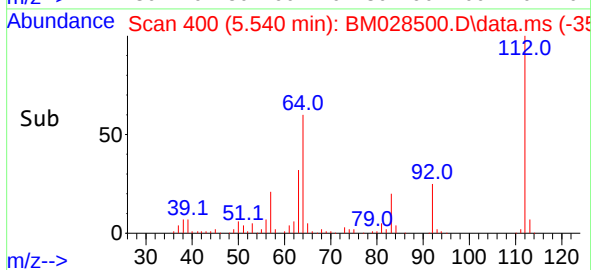
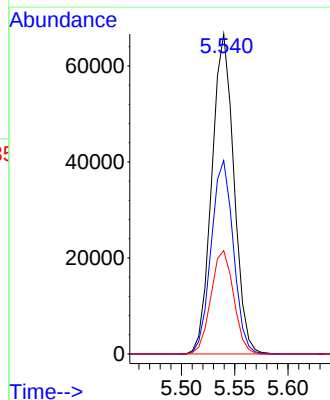
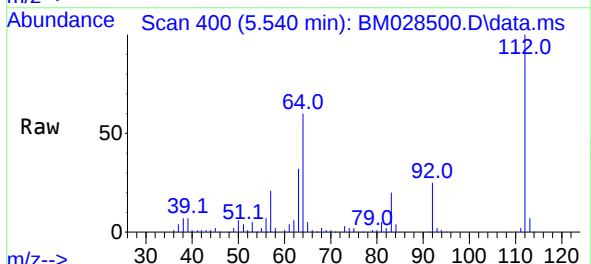
Instrument :  
BNA\_M  
ClientSampled :  
MW-1

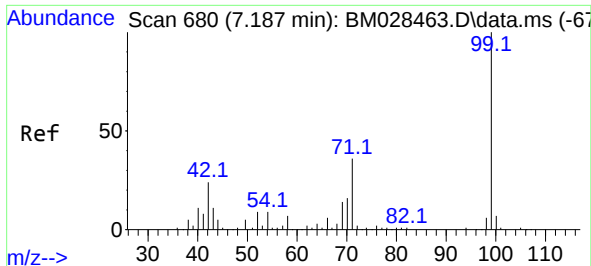
Tgt Ion:152 Resp: 28955  
Ion Ratio Lower Upper  
152 100  
150 152.4 120.6 181.0  
115 59.3 47.2 70.8



#5  
2-Fluorophenol  
Concen: 52.43 ng  
RT: 5.540 min Scan# 400  
Delta R.T. -0.012 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion:112 Resp: 96103  
Ion Ratio Lower Upper  
112 100  
64 60.5 50.6 76.0  
63 32.3 31.0 46.6

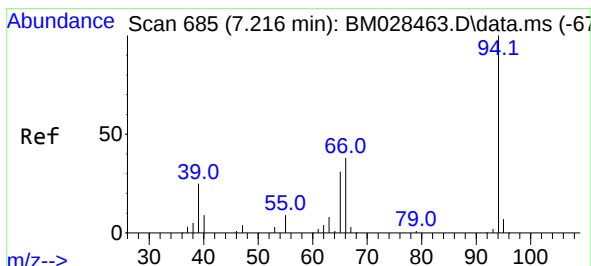
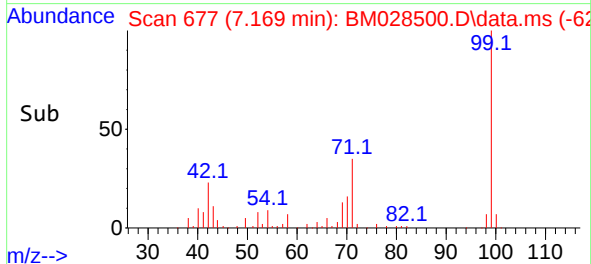
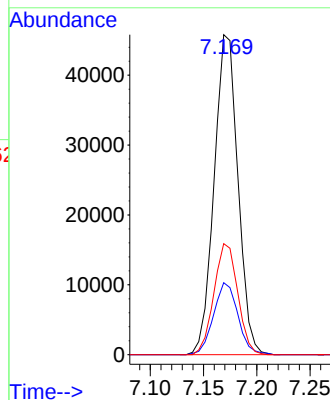
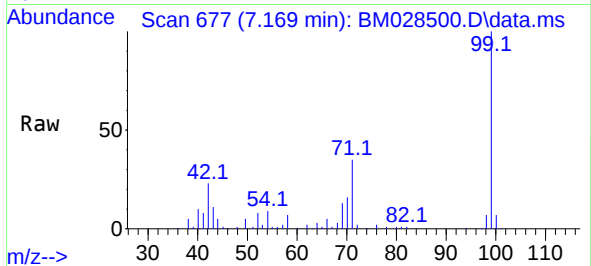




#7  
Phenol-d6  
Concen: 28.49 ng  
RT: 7.169 min Scan# 677  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

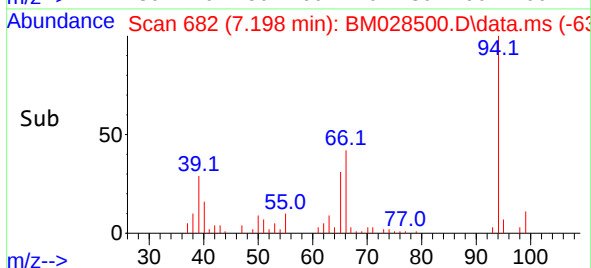
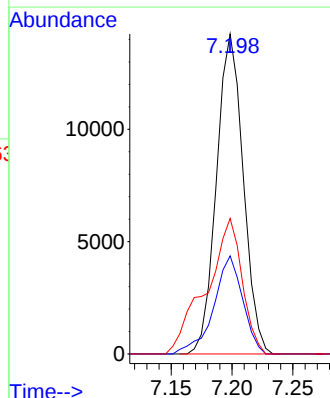
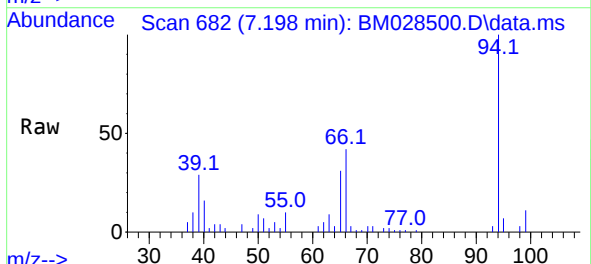
Instrument :  
BNA\_M  
ClientSampled :  
MW-1

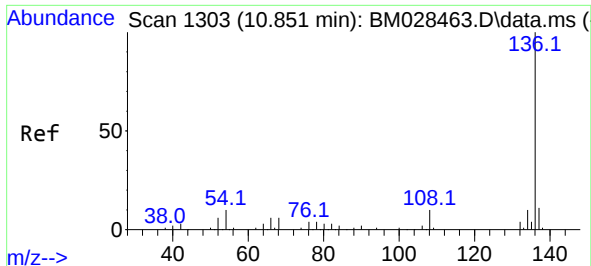
Tgt Ion: 99 Resp: 71099  
Ion Ratio Lower Upper  
99 100  
42 22.5 13.5 20.3#  
71 34.7 39.4 59.0#



#10  
Phenol  
Concen: 9.25 ng  
RT: 7.198 min Scan# 682  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion: 94 Resp: 21754  
Ion Ratio Lower Upper  
94 100  
65 30.6 16.4 56.4  
66 42.4 30.2 70.2

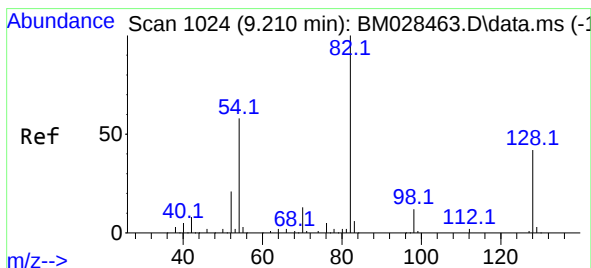
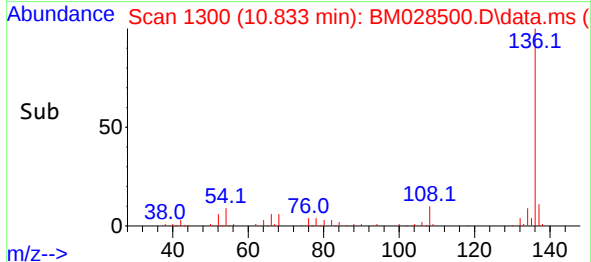
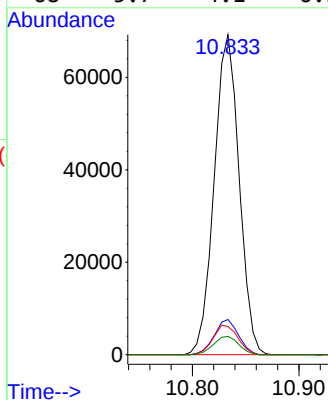
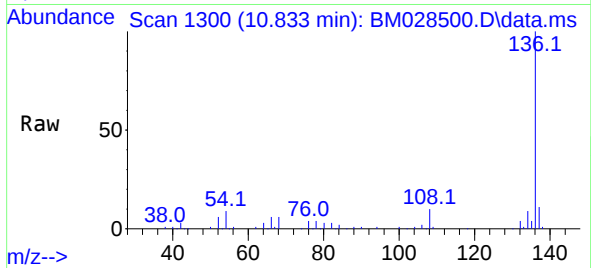




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.833 min Scan# 1300  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

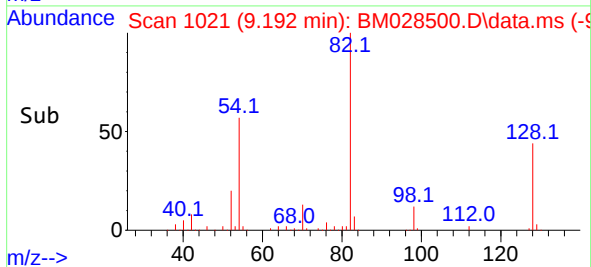
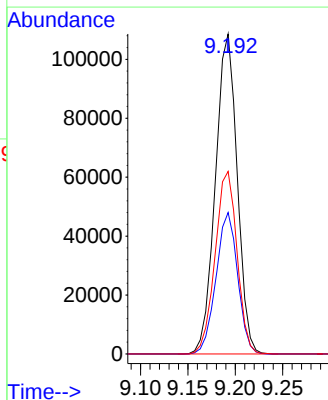
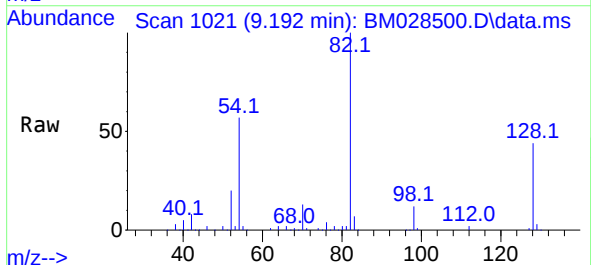
Instrument :  
BNA\_M  
ClientSampled :  
MW-1

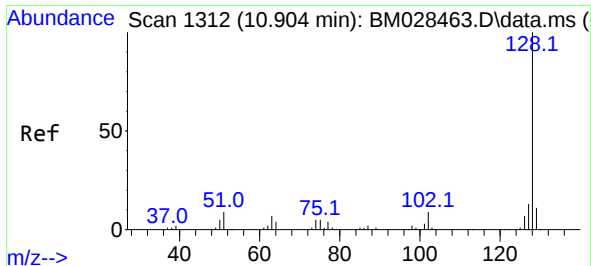
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 112218 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.6   | 12.8   |
| 54        | 8.8   | 4.6   | 7.0#   |
| 68        | 5.7   | 4.1   | 6.1    |



#23  
Nitrobenzene-d5  
Concen: 73.59 ng  
RT: 9.192 min Scan# 1021  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 174116 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.2  | 27.4  | 41.0#  |
| 54        | 57.0  | 31.4  | 47.0#  |



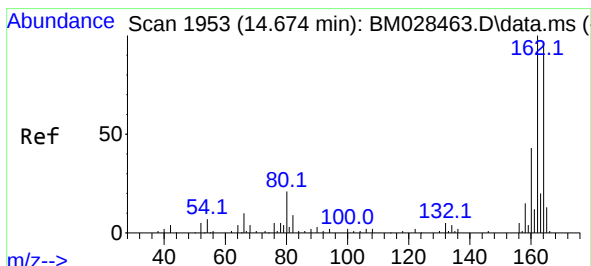
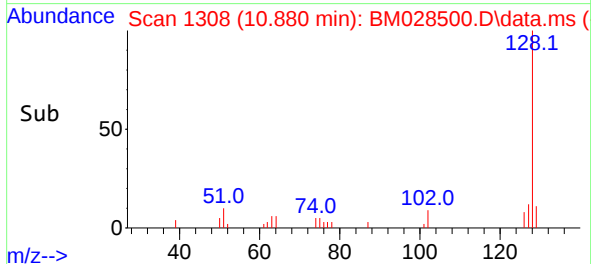
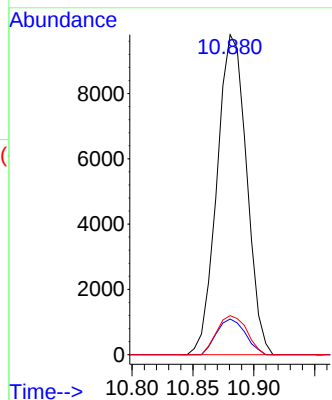
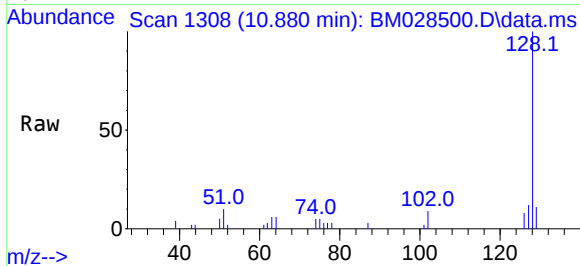


#31  
Naphthalene  
Concen: 2.61 ng  
RT: 10.880 min Scan# 1308  
Delta R.T. -0.024 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Instrument :  
BNA\_M  
ClientSampled :  
MW-1

Tgt Ion:128 Resp: 16579

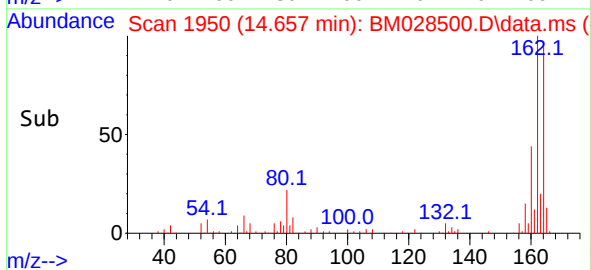
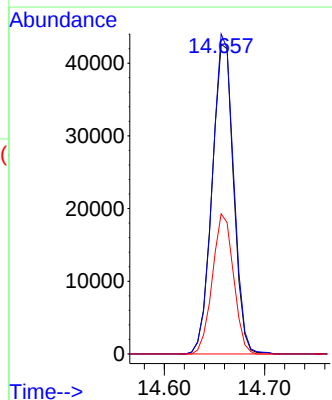
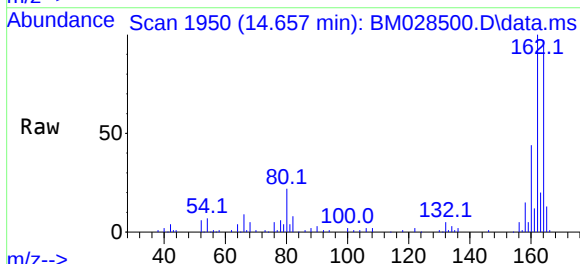
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.2  | 9.0   | 13.4  |
| 127 | 12.2  | 10.6  | 15.8  |

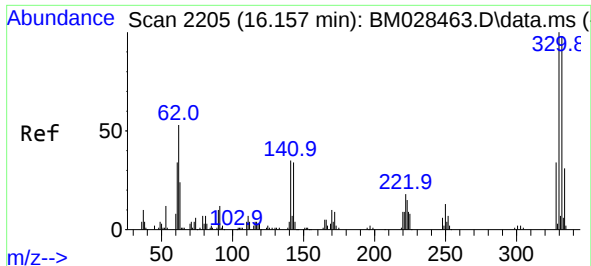


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.657 min Scan# 1950  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion:164 Resp: 63472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.2 | 80.4  | 120.6 |
| 160 | 45.2  | 35.9  | 53.9  |

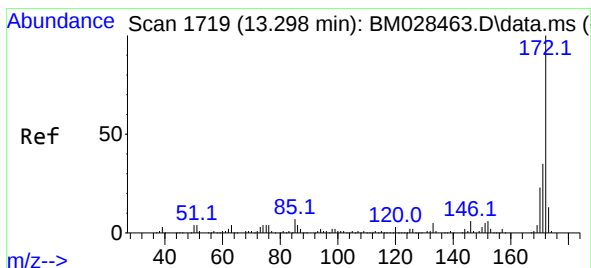
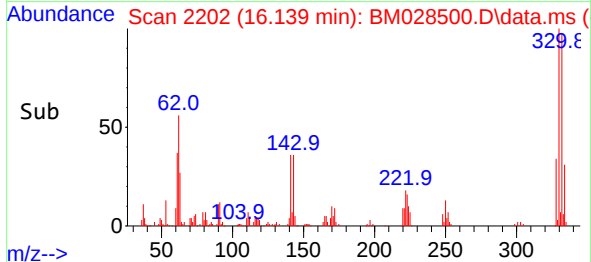
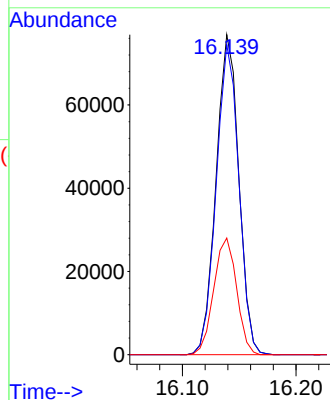
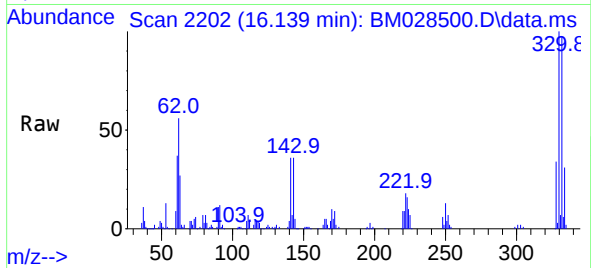




#42  
2,4,6-Tribromophenol  
Concen: 127.13 ng  
RT: 16.139 min Scan# 2202  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

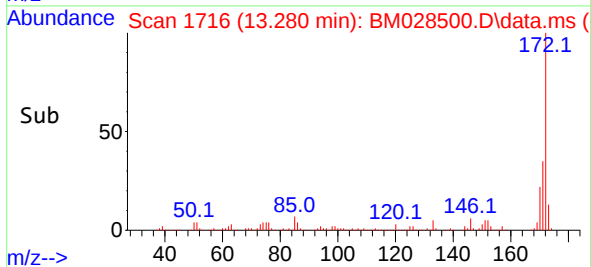
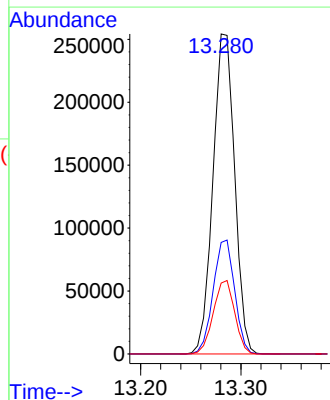
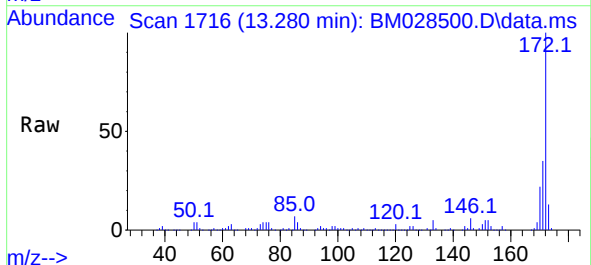
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ClientSampleId :  
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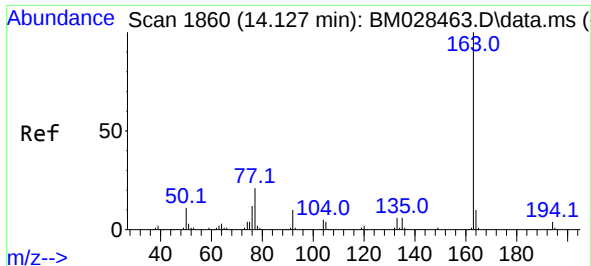
Tgt Ion:330 Resp: 106910  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 36.8 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 75.63 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion:172 Resp: 382642  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.8  
170 22.1 18.6 27.8

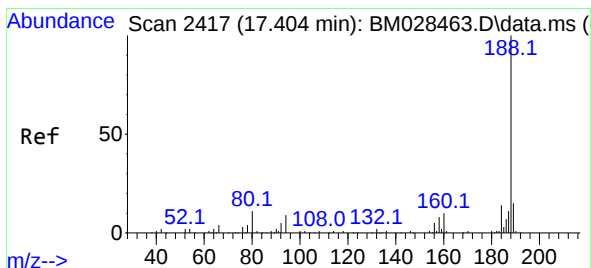
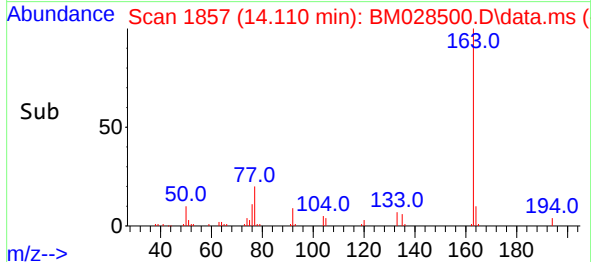
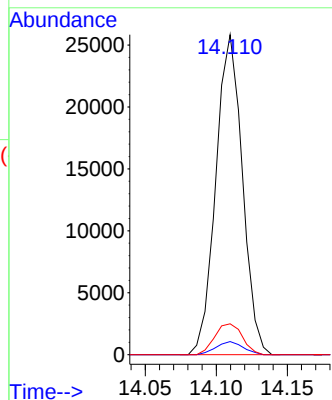
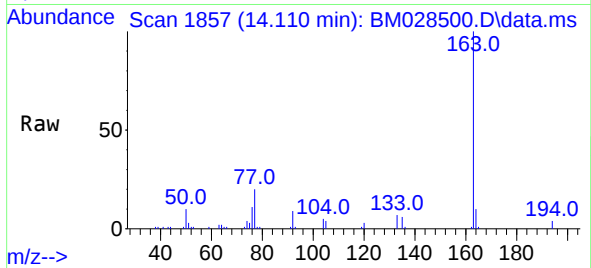




#50  
Dimethylphthalate  
Concen: 6.43 ng  
RT: 14.110 min Scan# 1857  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

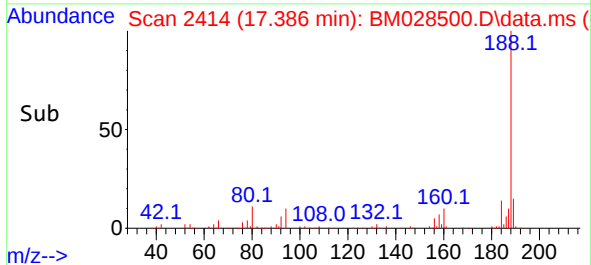
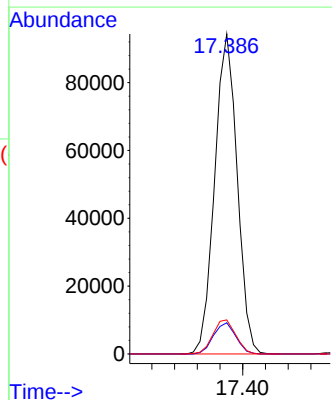
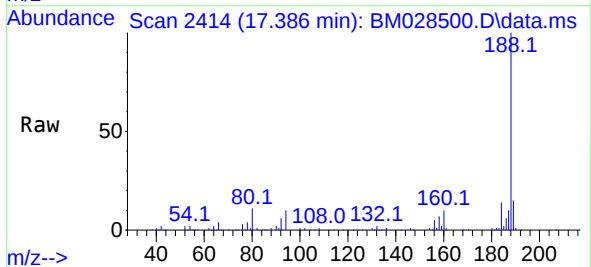
Instrument :  
BNA\_M  
ClientSampled :  
MW-1

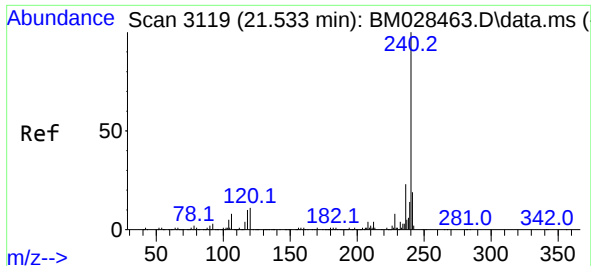
Tgt Ion:163 Resp: 33564  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 9.7 8.1 12.1



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2414  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion:188 Resp: 129719  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.2 9.4#  
80 10.7 7.5 11.3

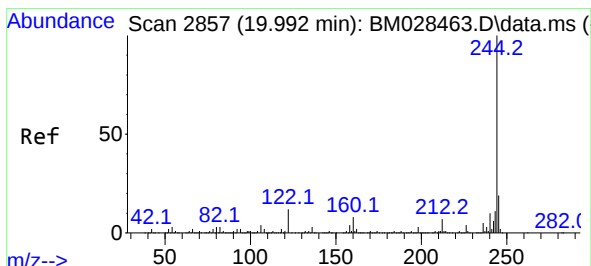
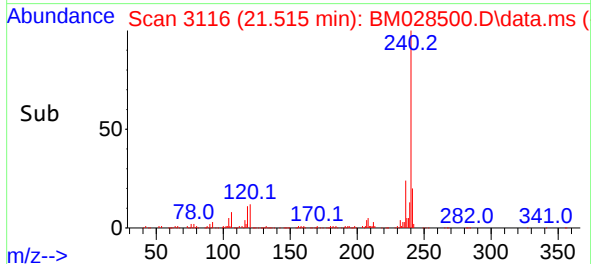
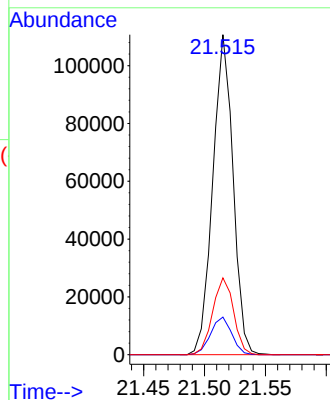
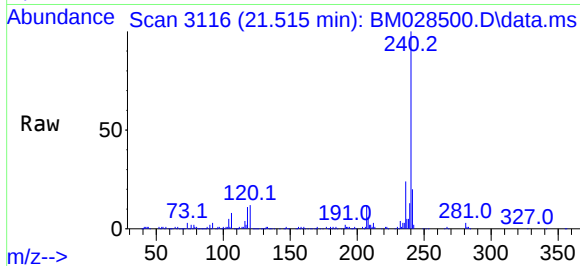




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.515 min Scan# 3116  
Delta R.T. -0.018 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

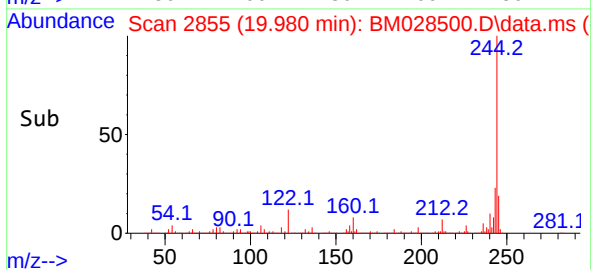
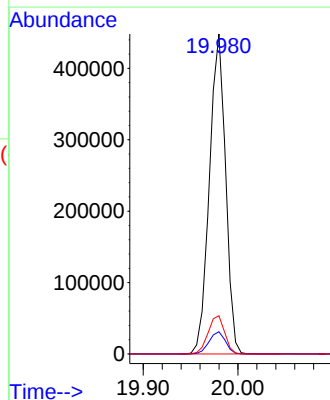
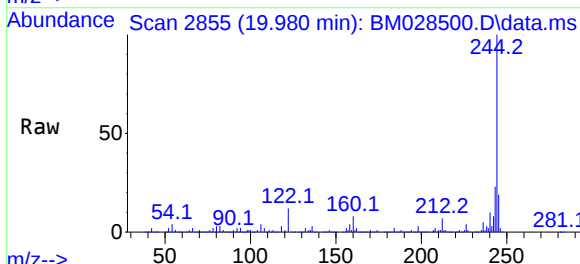
Instrument :  
BNA\_M  
ClientSampleId :  
MW-1

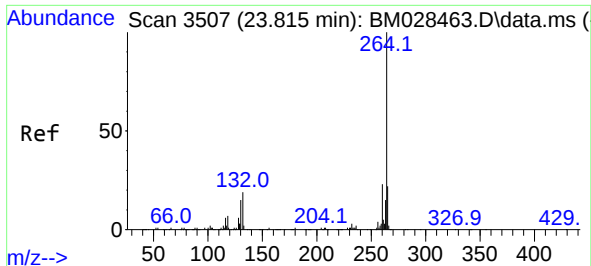
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Ion Ratio Lower Upper  
240 100  
120 11.7 6.4 9.6#  
236 24.0 20.1 30.1



#79  
Terphenyl-d14  
Concen: 74.97 ng  
RT: 19.980 min Scan# 2855  
Delta R.T. -0.012 min  
Lab File: BM028500.D  
Acq: 21 Jan 2021 22:20

Tgt Ion:244 Resp: 530424  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.8 8.8  
122 12.0 6.5 9.7#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.797 min Scan# 3504  
 Delta R.T. -0.018 min  
 Lab File: BM028500.D  
 Acq: 21 Jan 2021 22:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-1

Tgt Ion:264 Resp: 125795

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 19.0  | 28.4  |
| 265 | 22.1  | 17.7  | 26.5  |

