

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080521\  
 Data File : BP006514.D  
 Acq On : 05 Aug 2021 19:48  
 Operator : CG/JU  
 Sample : M3276-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PRE-MAEC-01

Quant Time: Aug 06 01:11:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 15:41:30 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.758  | 152  | 222427   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 894332   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.387 | 164  | 482532   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.133 | 188  | 940084   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.233 | 240  | 934385   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.557 | 264  | 990409   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 1948606  | 134.56 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 2220985  | 107.97 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.916  | 82   | 1849347  | 95.45  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.875 | 330  | 752453   | 149.21 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 3092312  | 95.88  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.716 | 244  | 4399626  | 94.35  | ng    | 0.00     |

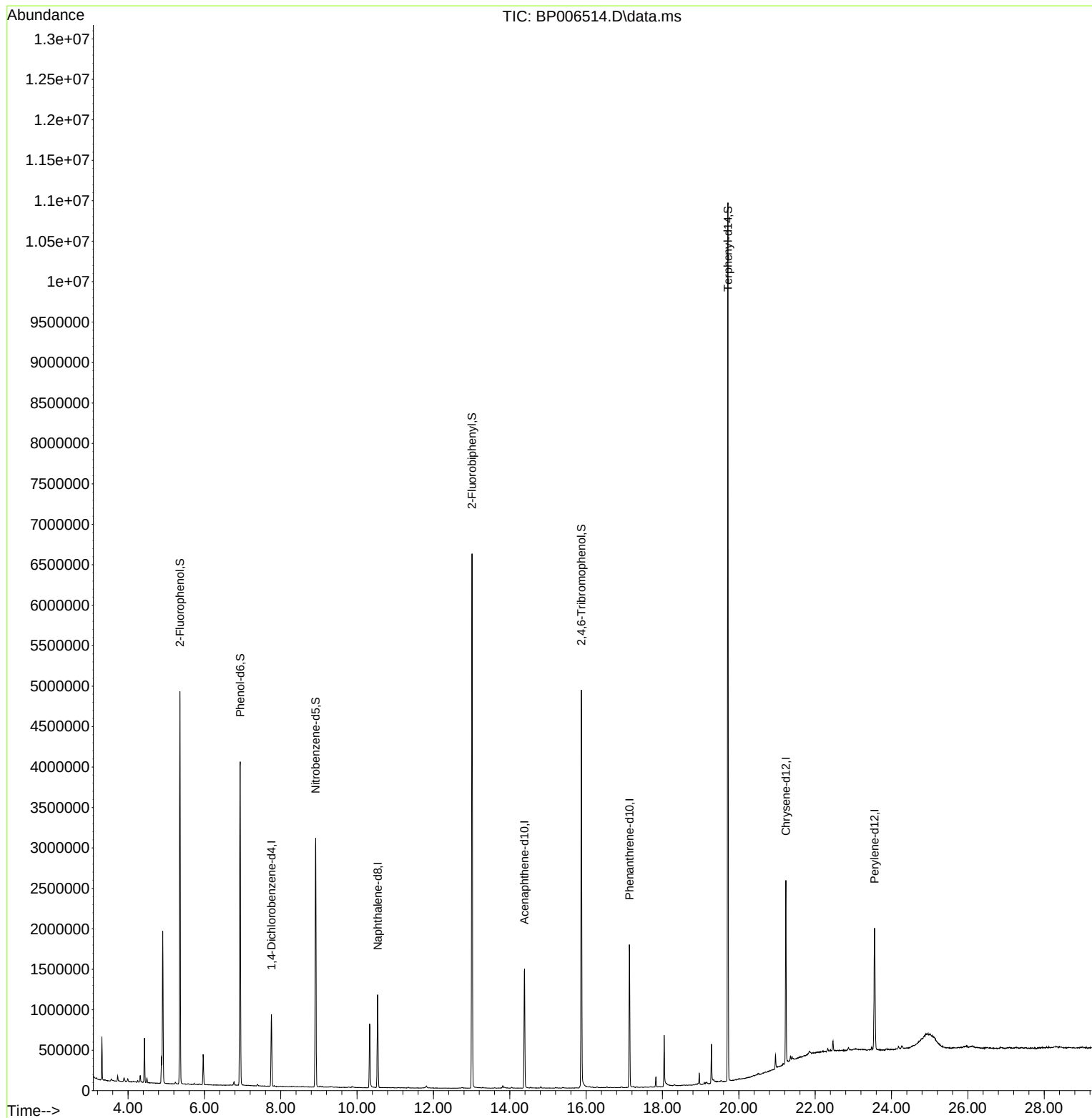
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

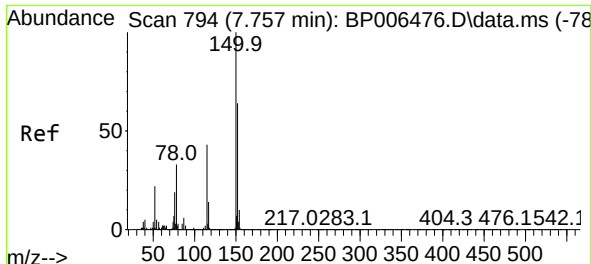
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080521\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

Quant Time: Aug 06 01:11:14 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 03 15:41:30 2021  
Response via : Initial Calibration

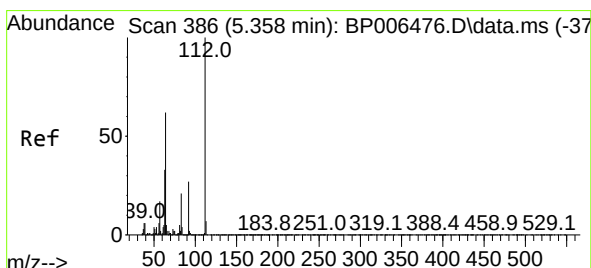
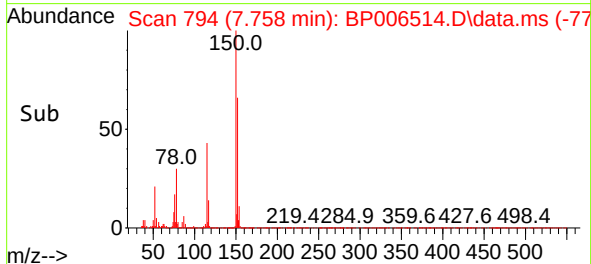
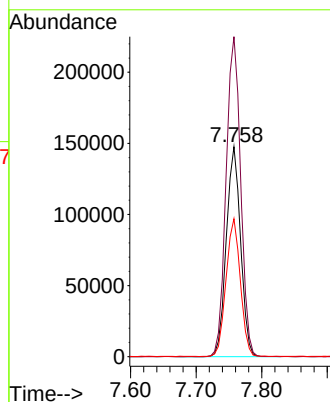
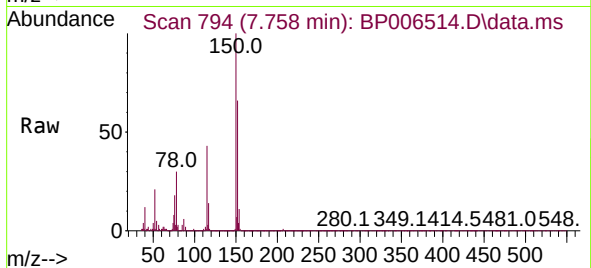




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.758 min Scan# 794  
Delta R.T. 0.001 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

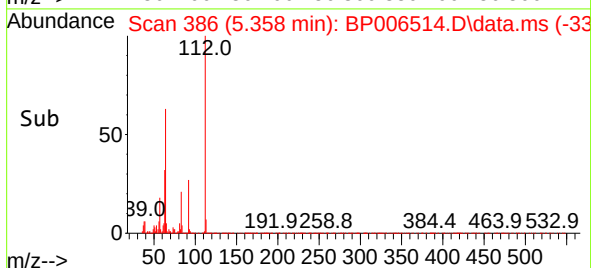
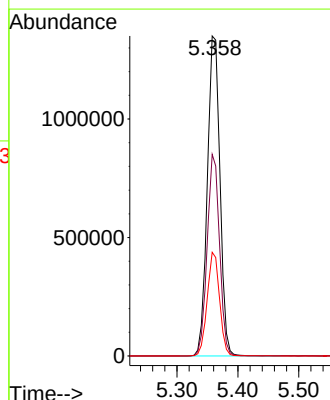
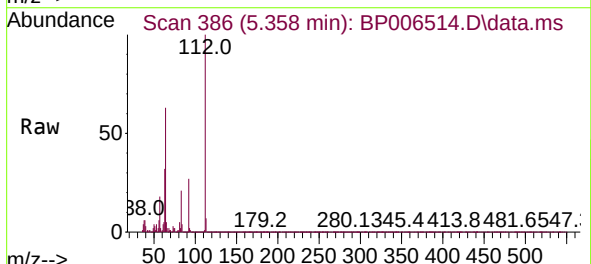
Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

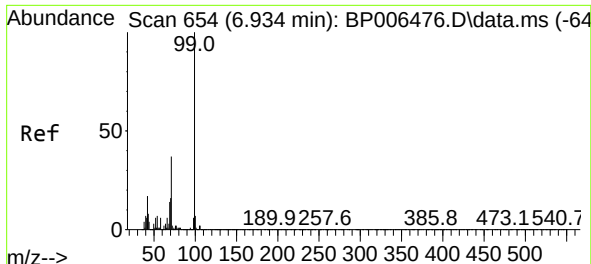
Tgt Ion:152 Resp: 222427  
Ion Ratio Lower Upper  
152 100  
150 152.4 125.6 188.4  
115 65.7 48.5 72.7



#5  
2-Fluorophenol  
Concen: 134.56 ng  
RT: 5.358 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion:112 Resp: 1948606  
Ion Ratio Lower Upper  
112 100  
64 63.0 41.4 62.2#  
63 32.4 23.8 35.8



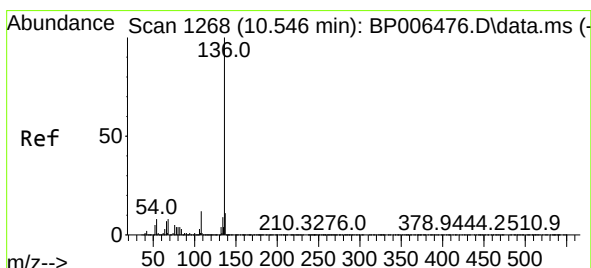
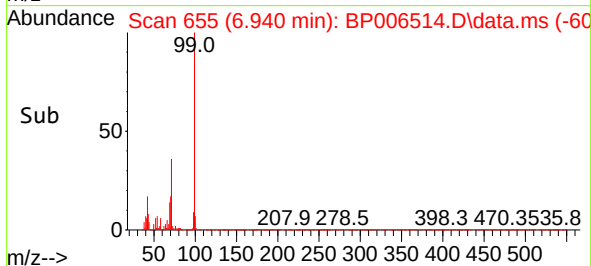
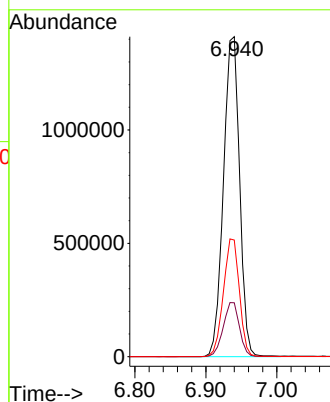
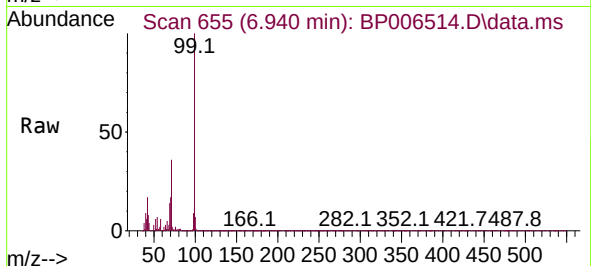


#7  
Phenol-d6  
Concen: 107.97 ng  
RT: 6.940 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

Tgt Ion: 99 Resp: 2220985

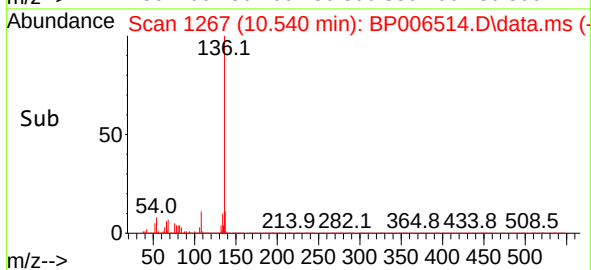
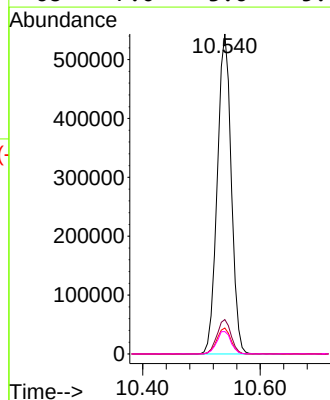
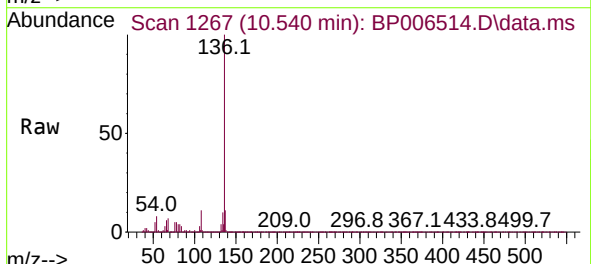
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.8  | 13.4  | 20.0  |
| 71  | 36.4  | 30.6  | 46.0  |

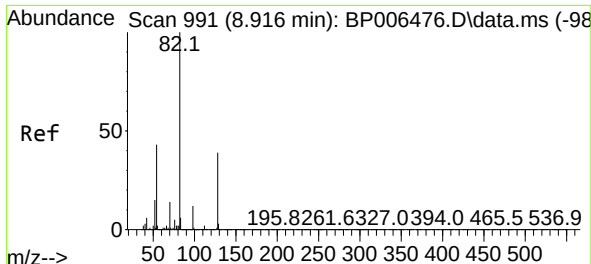


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.540 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion: 136 Resp: 894332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 12.8  |
| 54  | 8.1   | 4.6   | 6.8#  |
| 68  | 7.0   | 3.6   | 5.4#  |



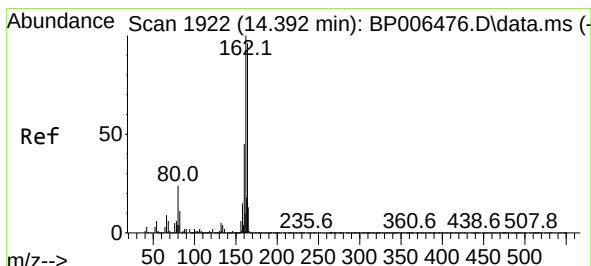
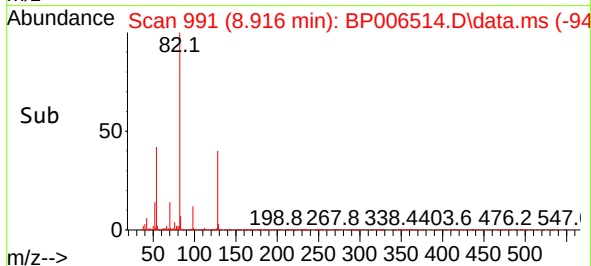
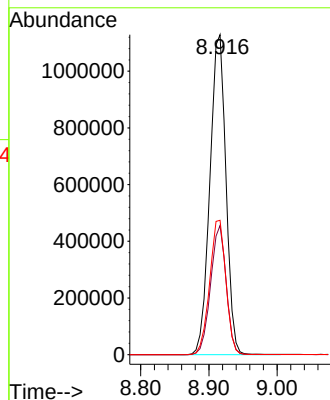
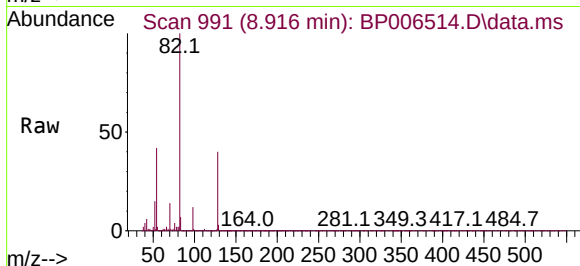


#23  
Nitrobenzene-d5  
Concen: 95.45 ng  
RT: 8.916 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

Tgt Ion: 82 Resp: 1849347

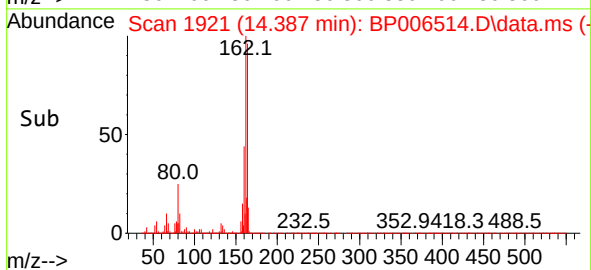
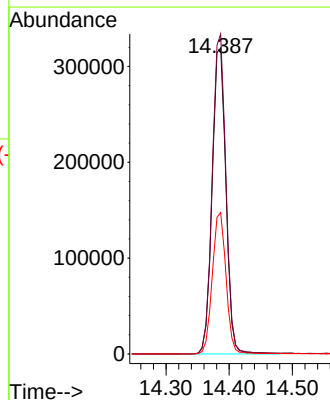
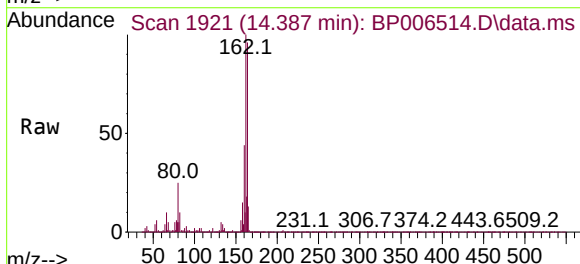
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.4  | 35.7  | 53.5  |
| 54  | 42.0  | 35.0  | 52.4  |

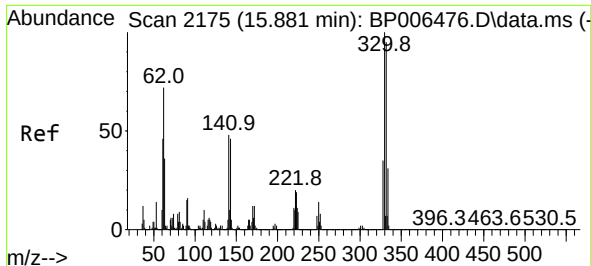


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.387 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion: 164 Resp: 482532

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.5 | 80.2  | 120.2 |
| 160 | 46.2  | 34.5  | 51.7  |

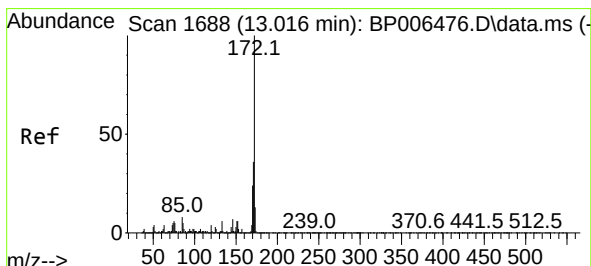
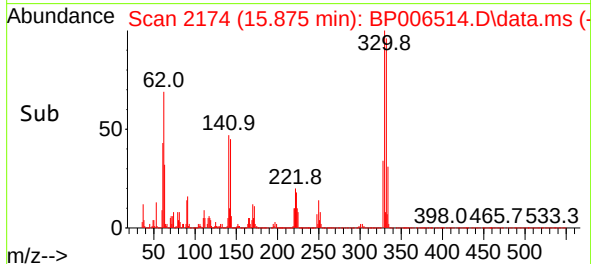
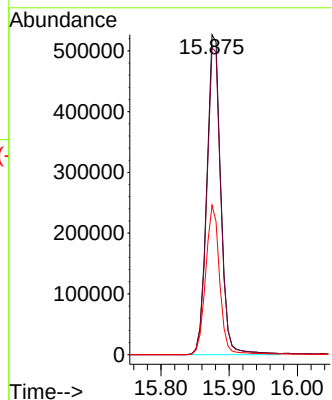
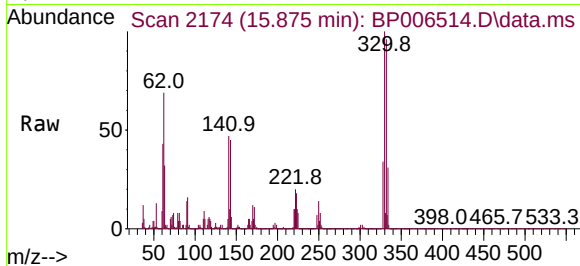




#42  
2,4,6-Tribromophenol  
Concen: 149.21 ng  
RT: 15.875 min Scan# 2174  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

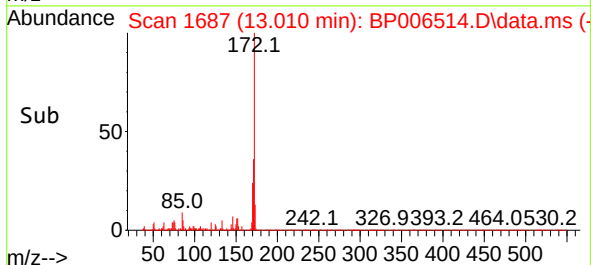
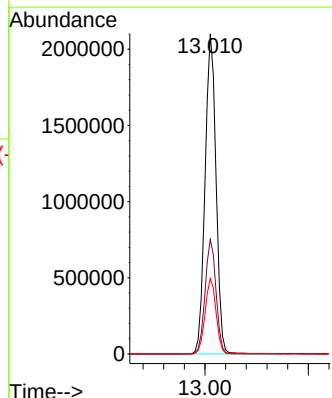
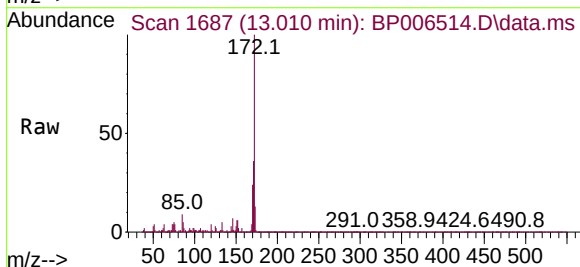
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PRE-MAEC-01

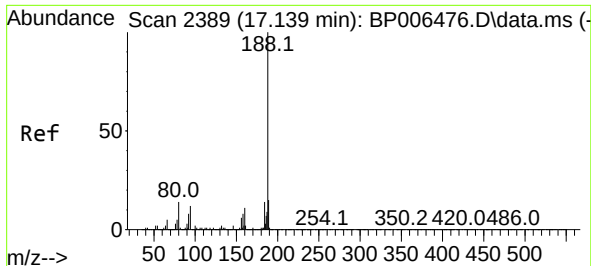
Tgt Ion:330 Resp: 752453  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 47.1 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 95.88 ng  
RT: 13.010 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion:172 Resp: 3092312  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 23.6 18.6 27.8

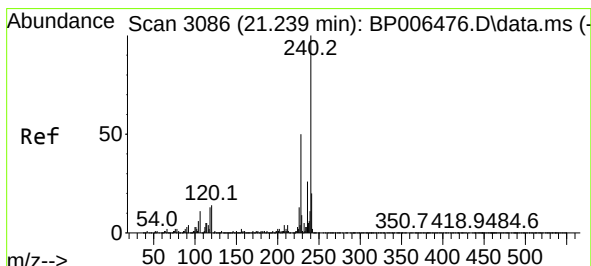
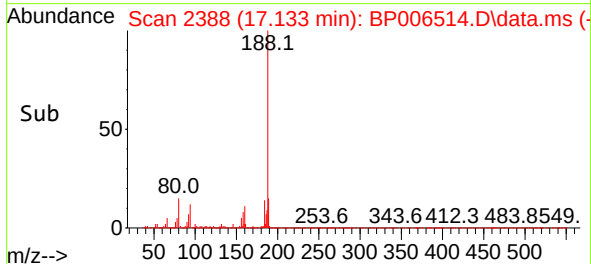
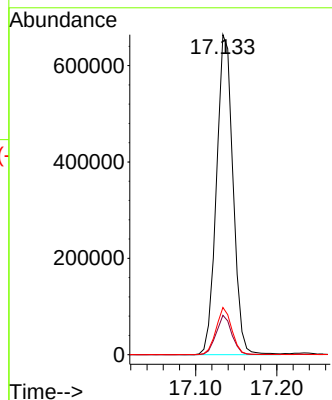
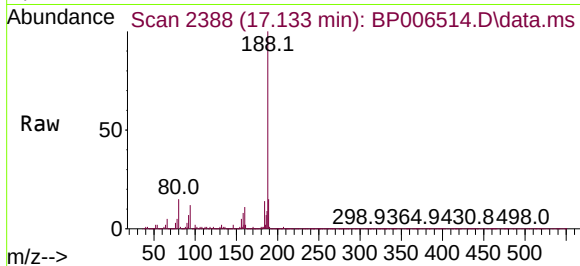




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.133 min Scan# 2388  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

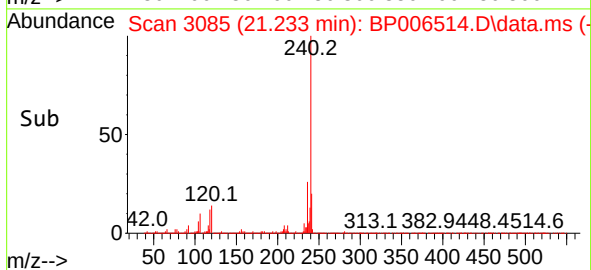
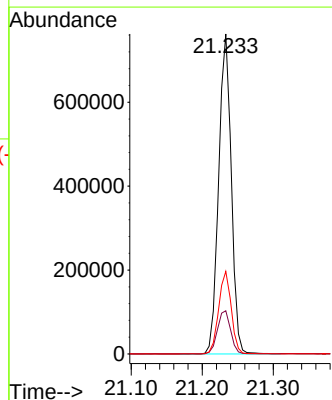
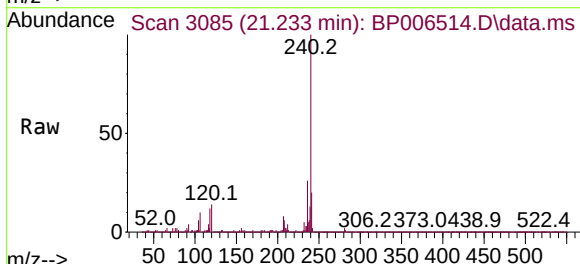
Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

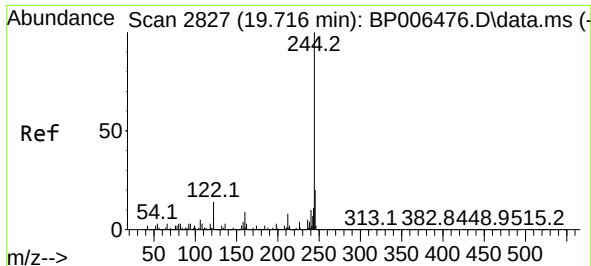
Tgt Ion:188 Resp: 940084  
Ion Ratio Lower Upper  
188 100  
94 12.3 5.6 8.4#  
80 14.8 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.233 min Scan# 3085  
Delta R.T. -0.006 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion:240 Resp: 934385  
Ion Ratio Lower Upper  
240 100  
120 13.5 6.5 9.7#  
236 25.8 20.6 31.0

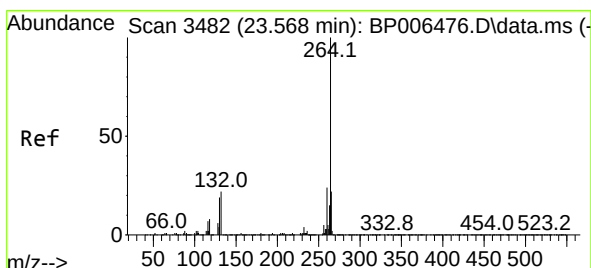
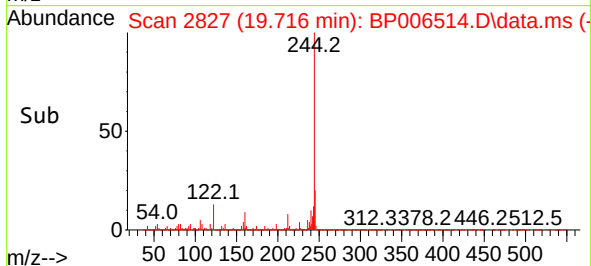
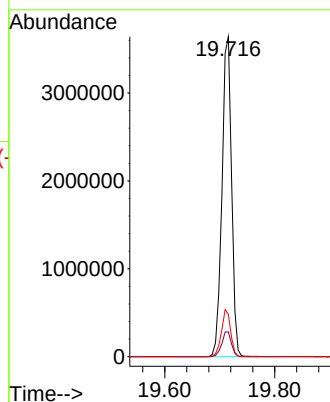
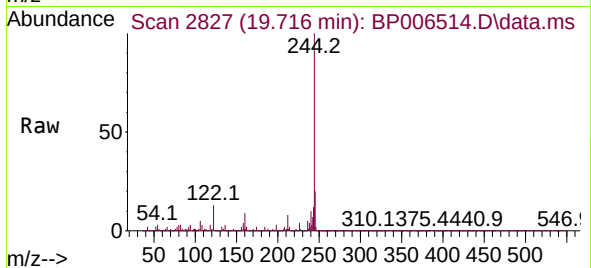




#79  
Terphenyl-d14  
Concen: 94.35 ng  
RT: 19.716 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Instrument :  
BNA\_P  
ClientSampleId :  
PRE-MAEC-01

Tgt Ion:244 Resp: 4399626  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.0 9.0  
122 13.2 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.557 min Scan# 3480  
Delta R.T. -0.012 min  
Lab File: BP006514.D  
Acq: 05 Aug 2021 19:48

Tgt Ion:264 Resp: 990409  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 28.0  
265 21.7 17.6 26.4

