

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081821\  
 Data File : BP006759.D  
 Acq On : 18 Aug 2021 23:25  
 Operator : CG/JU  
 Sample : M3435-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SWCS-24-0306

Quant Time: Aug 19 04:51:59 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 18:17:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 158061   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.481 | 136  | 660794   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.339 | 164  | 367625   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.098 | 188  | 719690   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.204 | 240  | 684661   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.515 | 264  | 727369   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.305  | 112  | 1409570  | 136.974 | ng    | 0.00     |
| 7) Phenol-d6                | 6.887  | 99   | 1800010  | 123.134 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 1223407  | 85.457  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.839 | 330  | 524239   | 136.446 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.963 | 172  | 1858701  | 75.644  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.680 | 244  | 2354144  | 68.898  | ng    | 0.00     |

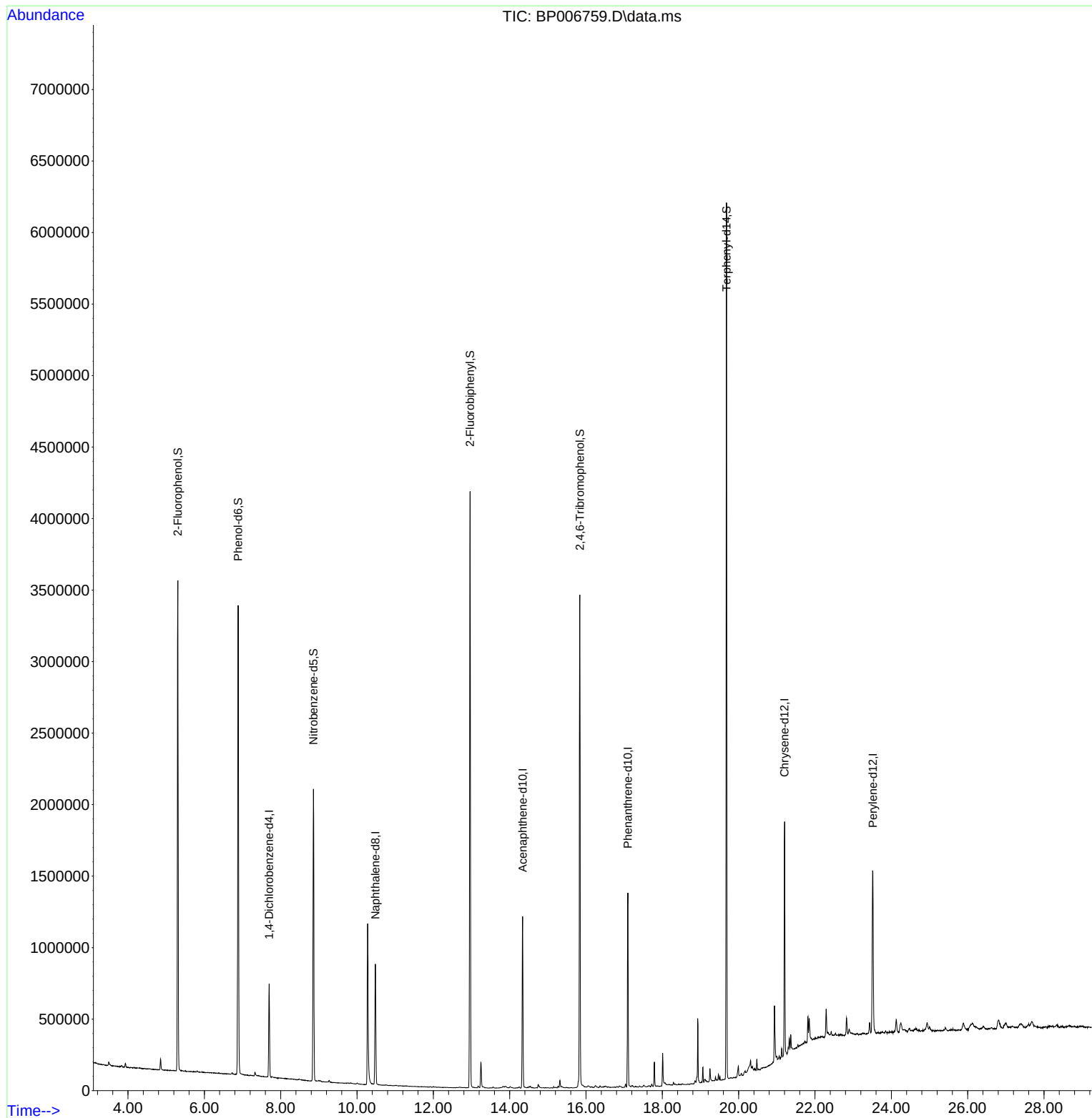
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

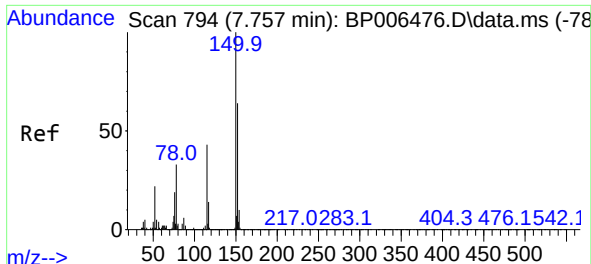
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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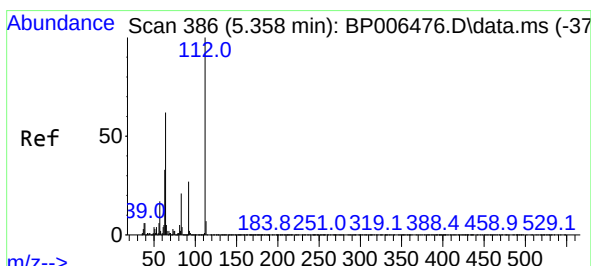
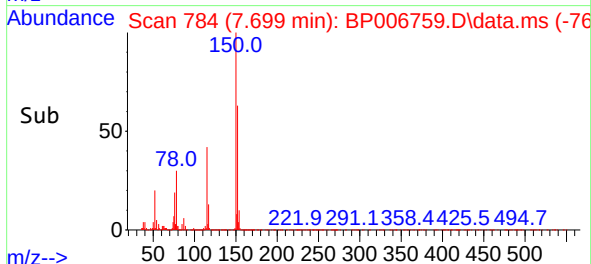
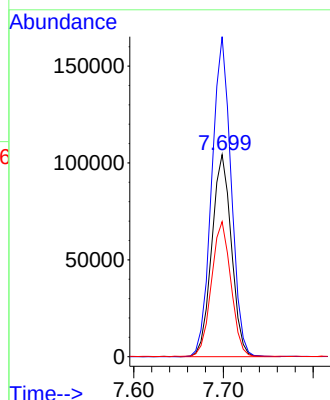
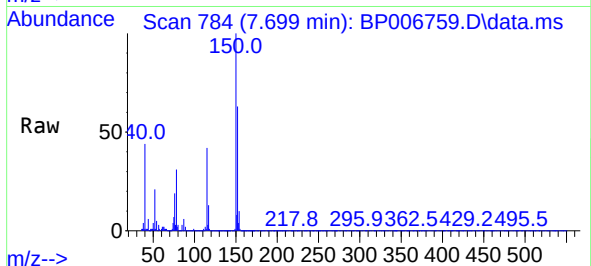




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.699 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

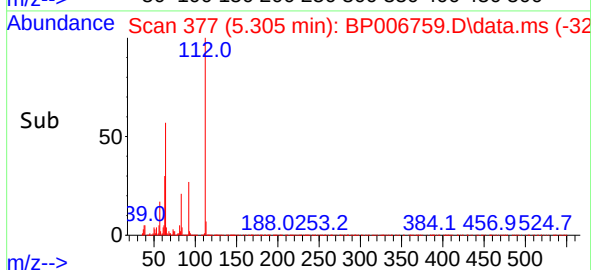
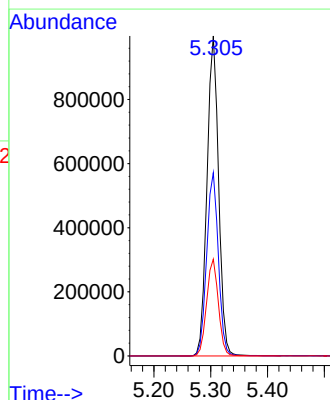
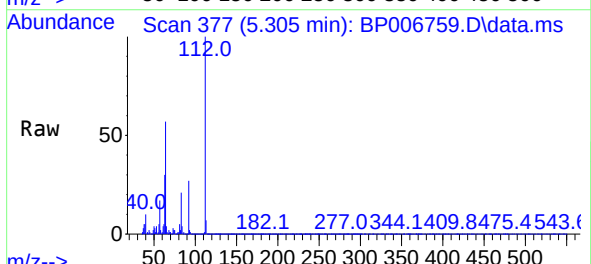
Instrument :  
BNA\_P  
ClientSampleId :  
SWCS-24-0306

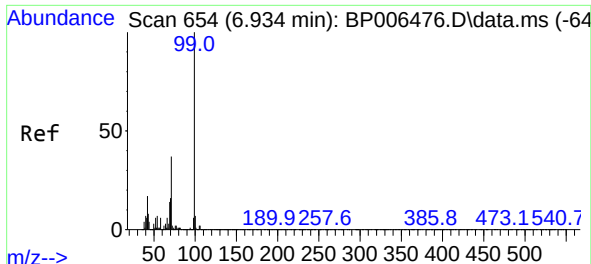
Tgt Ion:152 Resp: 158061  
Ion Ratio Lower Upper  
152 100  
150 158.4 125.6 188.4  
115 66.8 48.5 72.7



#5  
2-Fluorophenol  
Concen: 136.974 ng  
RT: 5.305 min Scan# 377  
Delta R.T. -0.000 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion:112 Resp: 1409570  
Ion Ratio Lower Upper  
112 100  
64 57.2 41.4 62.2  
63 30.2 23.8 35.8



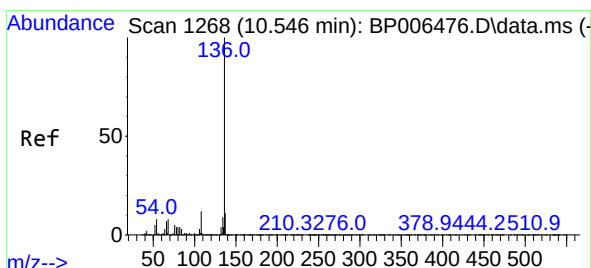
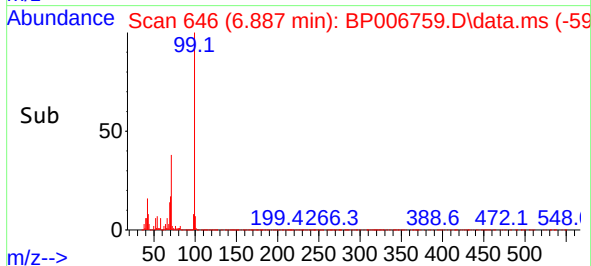
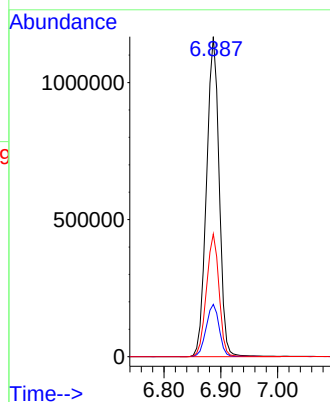
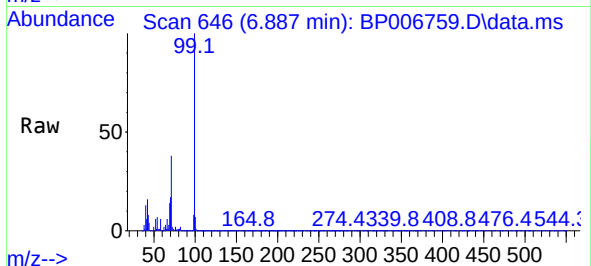


#7  
Phenol-d6  
Concen: 123.134 ng  
RT: 6.887 min Scan# 646  
Delta R.T. -0.000 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Instrument :  
BNA\_P  
ClientSampleId :  
SWCS-24-0306

Tgt Ion: 99 Resp: 1800010

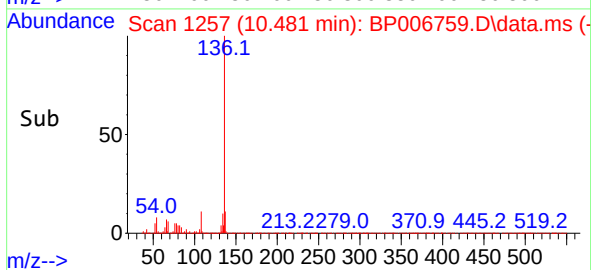
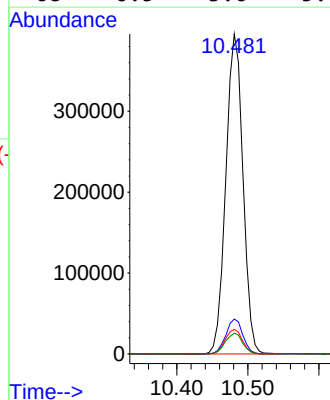
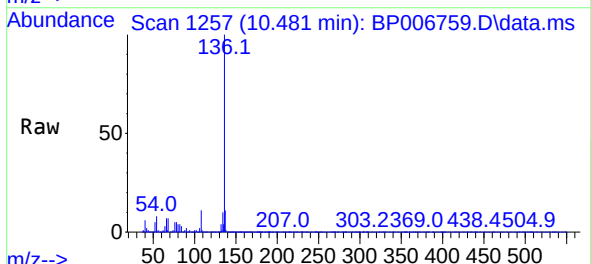
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 13.4  | 20.0  |
| 71  | 38.4  | 30.6  | 46.0  |

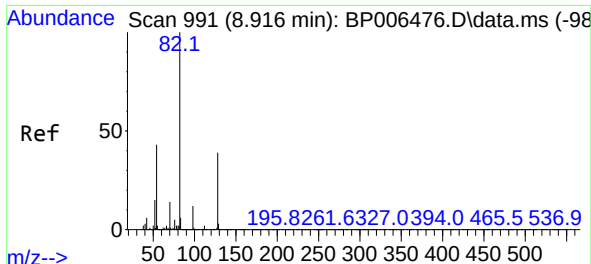


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.012 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion: 136 Resp: 660794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 7.7   | 4.6   | 6.8#  |
| 68  | 6.5   | 3.6   | 5.4#  |



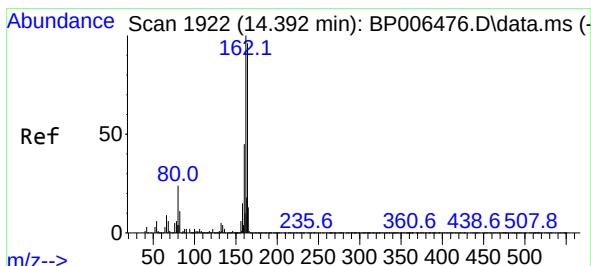
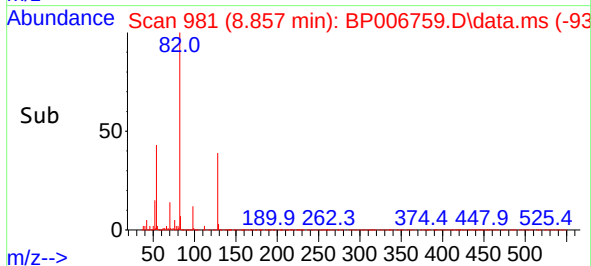
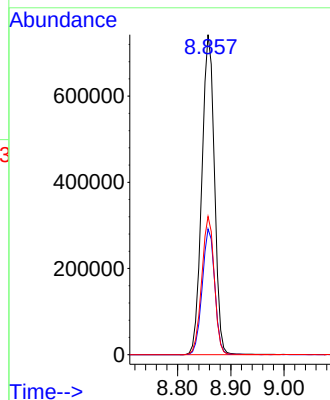
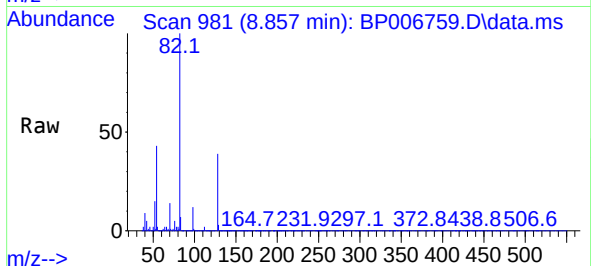


#23  
Nitrobenzene-d5  
Concen: 85.457 ng  
RT: 8.857 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Instrument :  
BNA\_P  
ClientSampleId :  
SWCS-24-0306

Tgt Ion: 82 Resp: 1223407

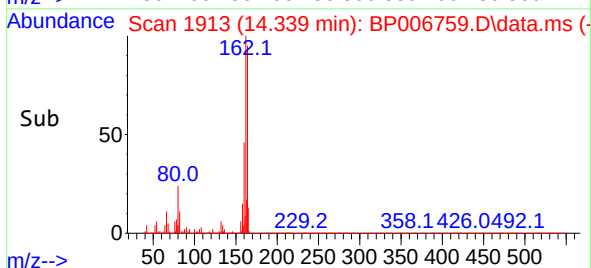
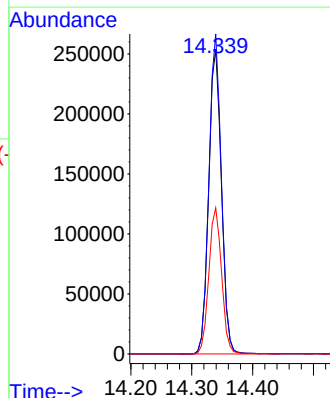
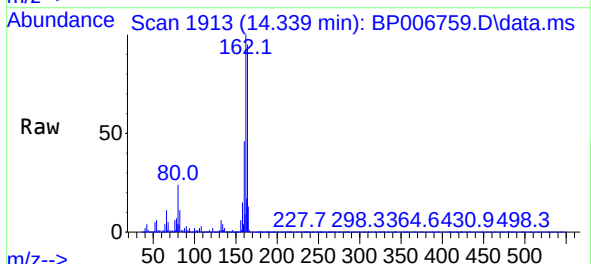
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.3  | 35.7  | 53.5  |
| 54  | 43.2  | 35.0  | 52.4  |

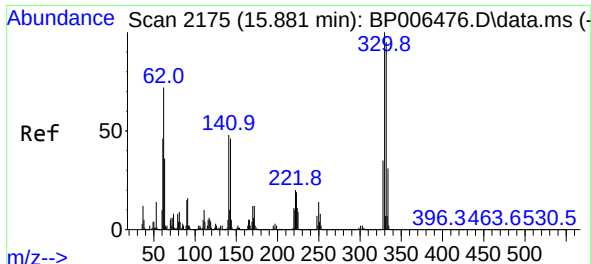


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.339 min Scan# 1913  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion: 164 Resp: 367625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.9 | 80.2  | 120.2 |
| 160 | 47.9  | 34.5  | 51.7  |

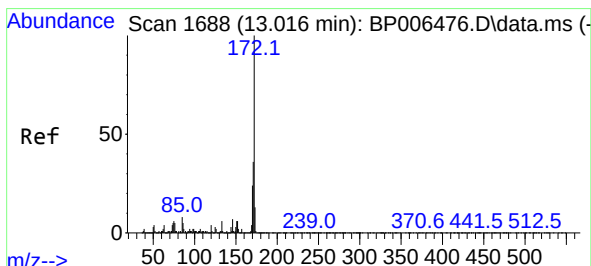
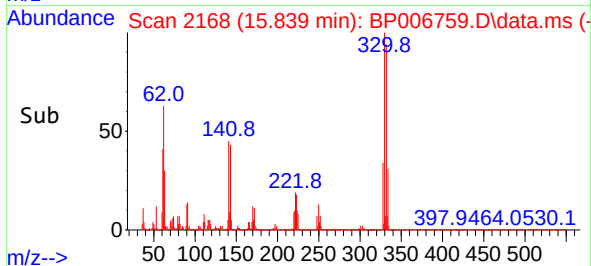
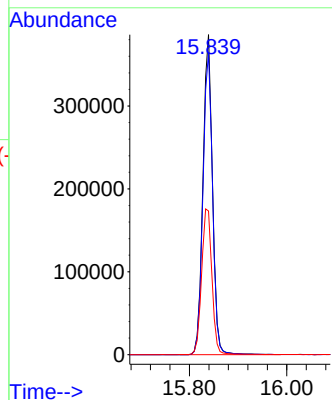
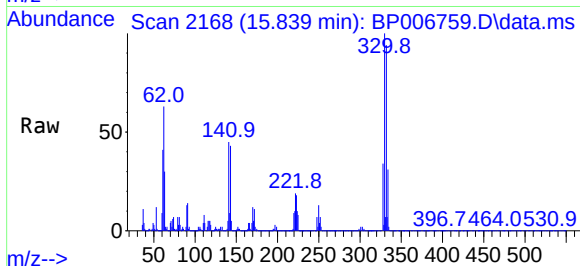




#42  
2,4,6-Tribromophenol  
Concen: 136.446 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

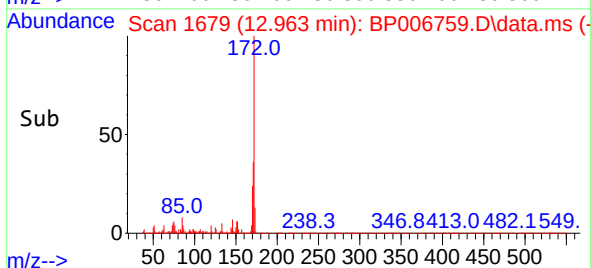
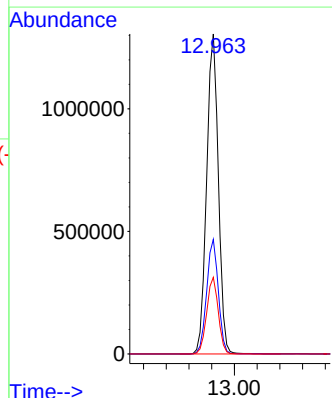
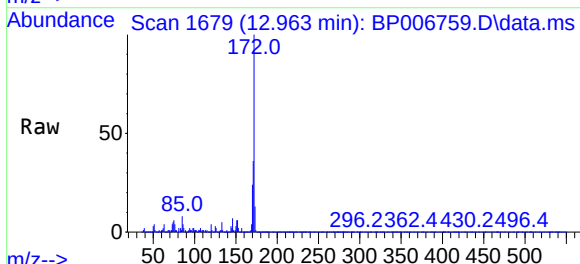
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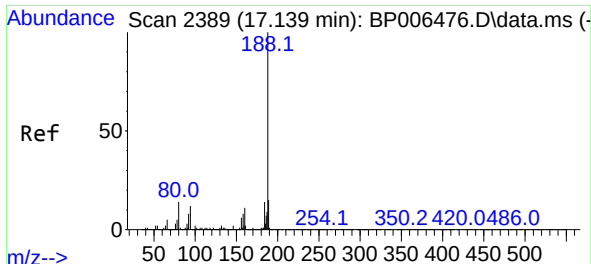
Tgt Ion:330 Resp: 524239  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.8 116.8  
141 49.6 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 75.644 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion:172 Resp: 1858701  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 24.0 18.6 27.8

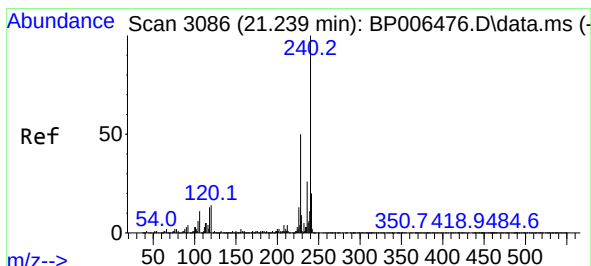
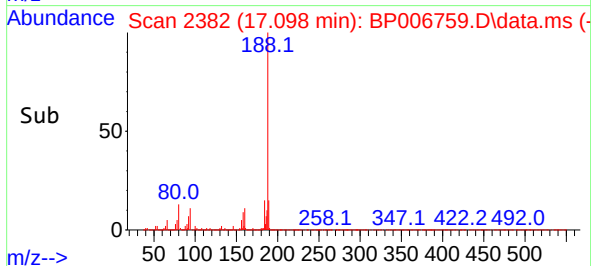
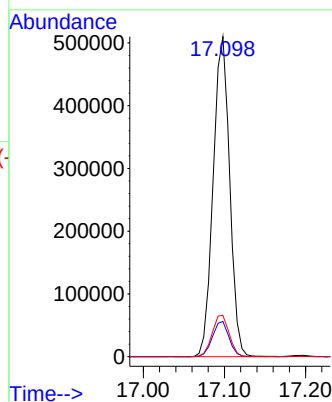
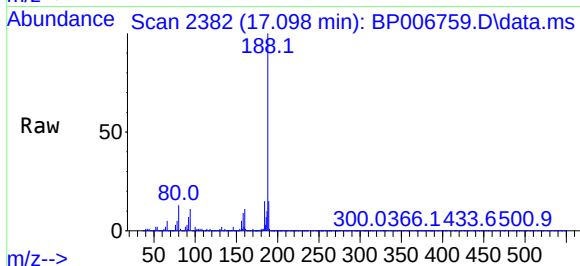




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.098 min Scan# 2382  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

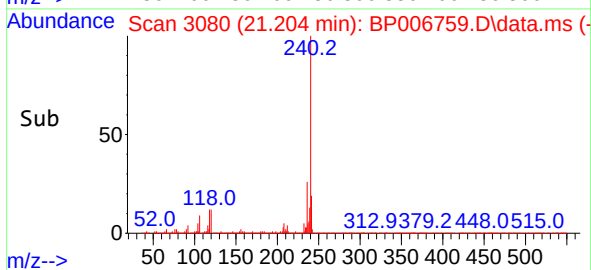
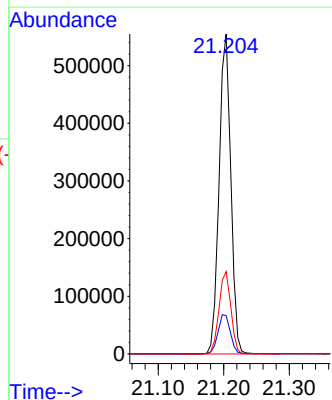
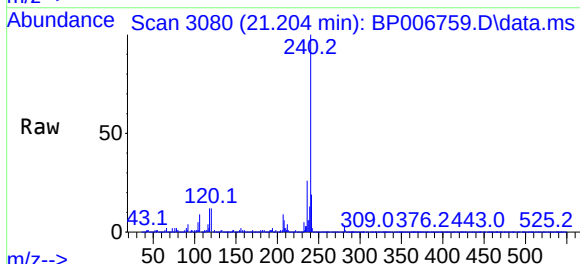
Instrument :  
BNA\_P  
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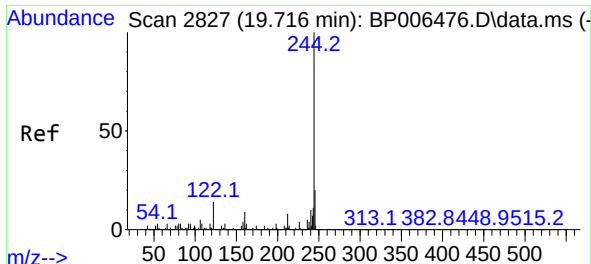
Tgt Ion:188 Resp: 719690  
Ion Ratio Lower Upper  
188 100  
94 11.0 5.6 8.4#  
80 12.9 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion:240 Resp: 684661  
Ion Ratio Lower Upper  
240 100  
120 12.0 6.5 9.7#  
236 25.8 20.6 31.0

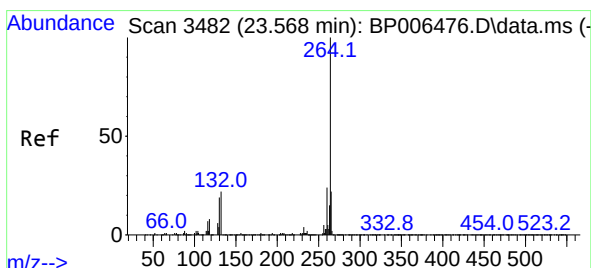
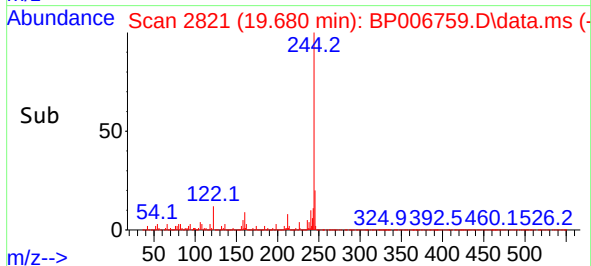
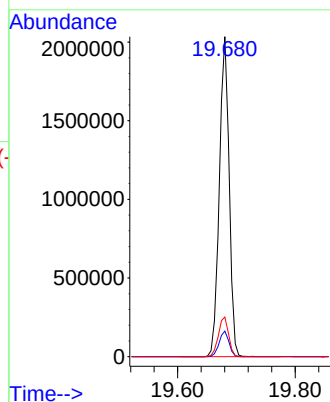
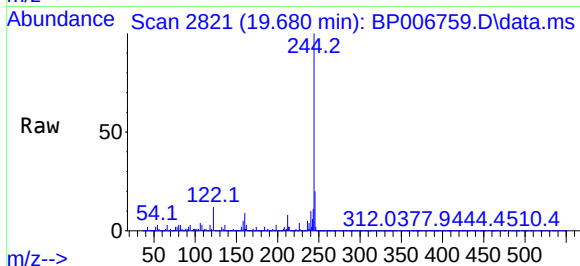




#79  
Terphenyl-d14  
Concen: 68.898 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Instrument :  
BNA\_P  
ClientSampleId :  
SWCS-24-0306

Tgt Ion:244 Resp: 2354144  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 12.4 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.515 min Scan# 3473  
Delta R.T. -0.012 min  
Lab File: BP006759.D  
Acq: 18 Aug 2021 23:25

Tgt Ion:264 Resp: 727369  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.6 28.0  
265 21.8 17.6 26.4

