

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051521\  
 Data File : BP005577.D  
 Acq On : 15 May 2021 20:03  
 Operator : CG/JU  
 Sample : M2383-14  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FB-02-05122021

Quant Time: May 16 02:46:51 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.675  | 152  | 9307     | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.463 | 136  | 31347    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.322 | 164  | 25386    | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.080 | 188  | 67673    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.180 | 240  | 95202    | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 23.480 | 264  | 113811   | 20.00  | ng    | -0.02    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.263  | 112  | 24980    | 51.51  | ng    | 0.00     |
| 7) Phenol-d6                | 6.875  | 99   | 16279    | 26.92  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.840  | 82   | 75161    | 94.37  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.822 | 330  | 102476   | 142.25 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.939 | 172  | 209232   | 92.97  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.657 | 244  | 553515   | 98.74  | ng    | 0.00     |

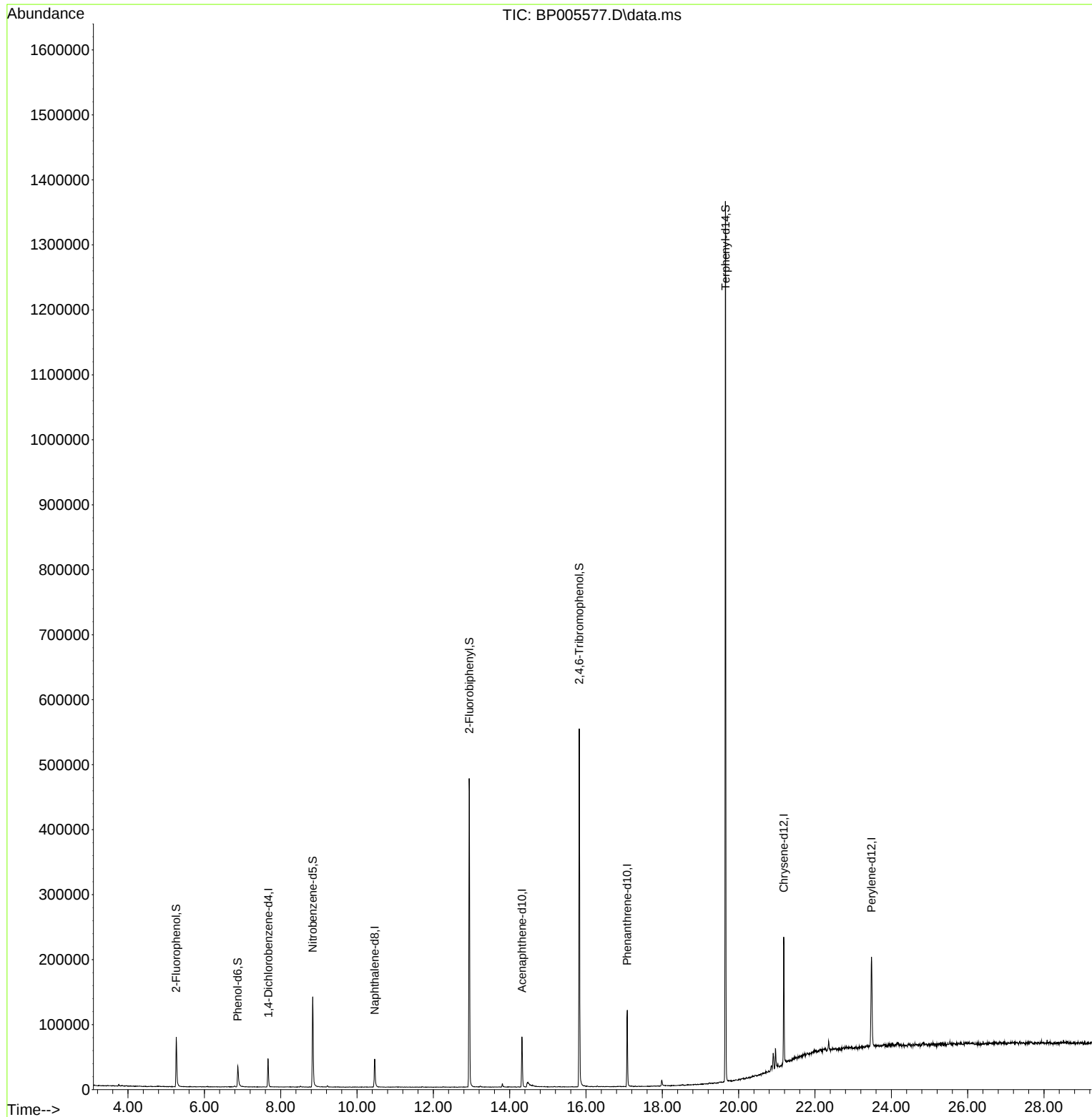
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| Target Compounds | Qvalue |
| -----            |        |

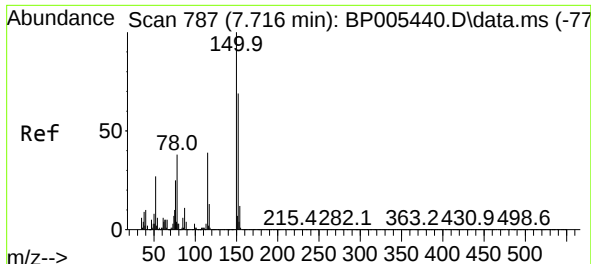
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051521\  
Data File : BP005577.D  
Acq On : 15 May 2021 20:03  
Operator : CG/JU  
Sample : M2383-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FB-02-05122021

Quant Time: May 16 02:46:51 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 14 12:01:17 2021  
Response via : Initial Calibration

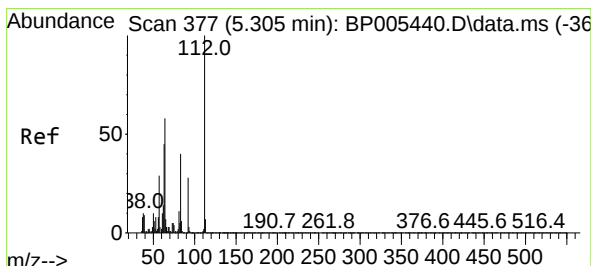
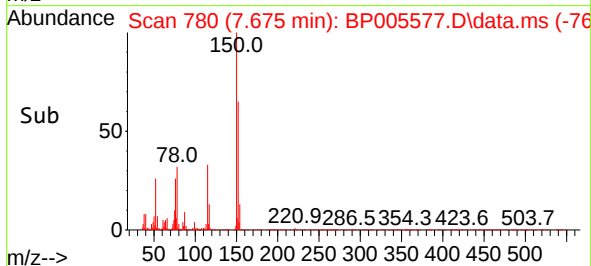
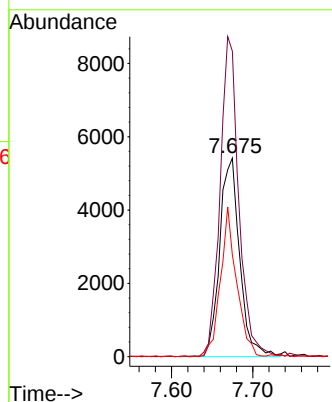
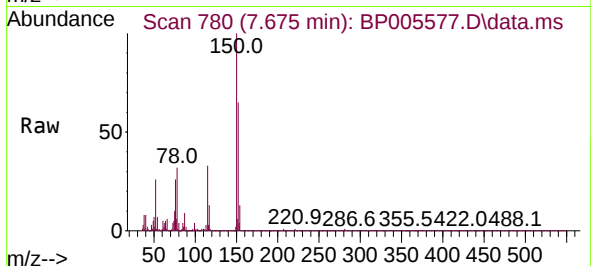




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.675 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

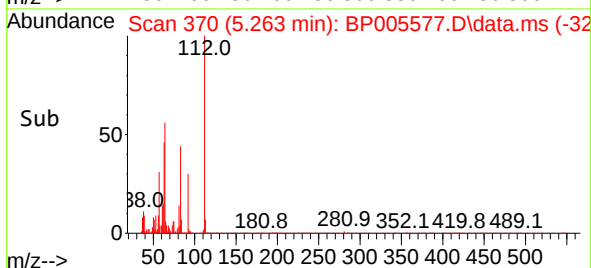
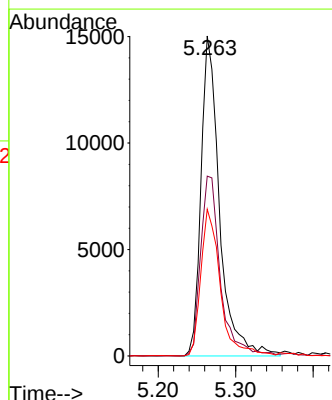
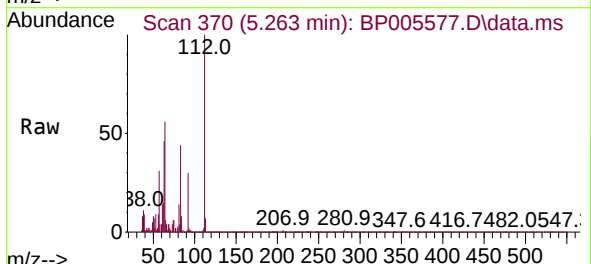
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BNA\_P  
ClientSampleId :  
FB-02-05122021

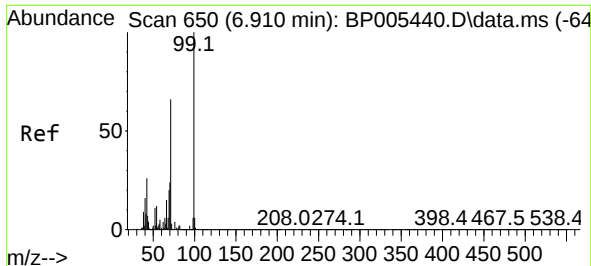
Tgt Ion:152 Resp: 9307  
Ion Ratio Lower Upper  
152 100  
150 153.8 119.8 179.8  
115 51.2 49.0 73.4



#5  
2-Fluorophenol  
Concen: 51.51 ng  
RT: 5.263 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

Tgt Ion:112 Resp: 24980  
Ion Ratio Lower Upper  
112 100  
64 56.2 33.6 50.4#  
63 45.9 18.6 27.8#

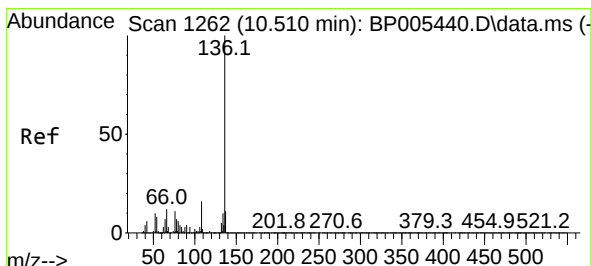
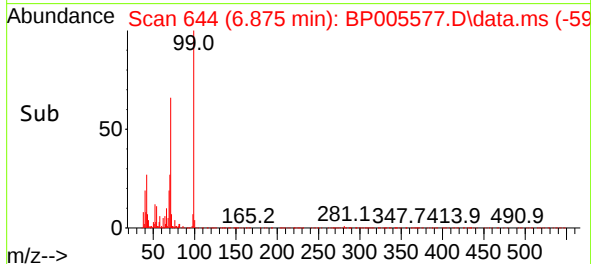
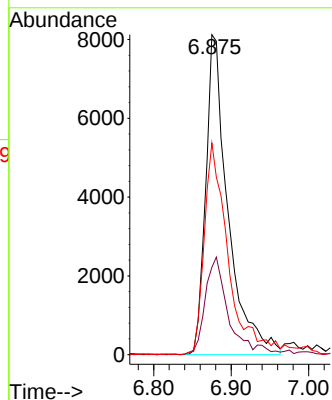
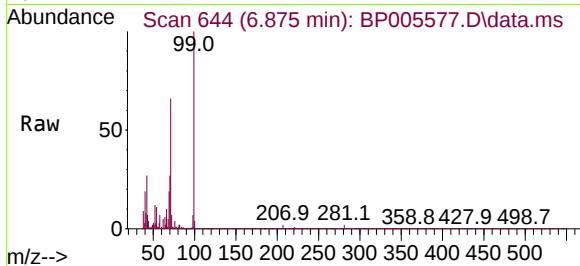




#7  
Phenol-d6  
Concen: 26.92 ng  
RT: 6.875 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

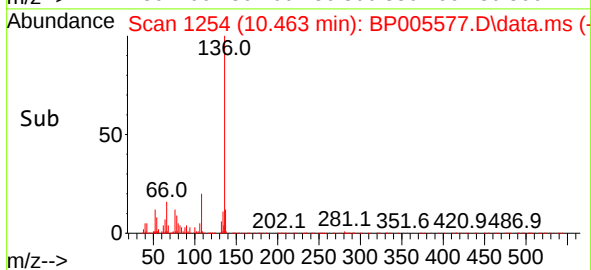
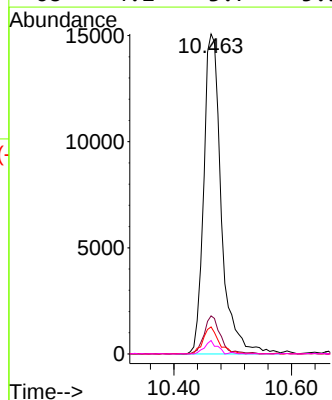
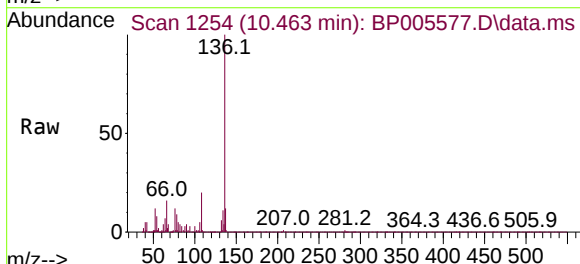
Instrument :  
BNA\_P  
ClientSampleId :  
FB-02-05122021

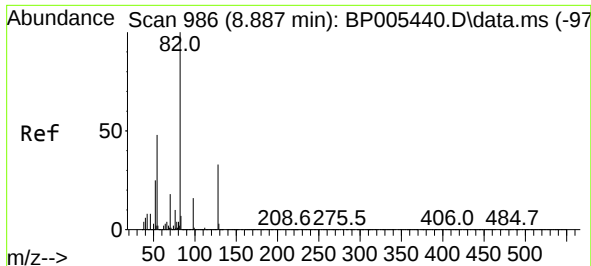
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 16279 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.3  | 12.9  | 19.3# |
| 71       | 66.2  | 26.7  | 40.1# |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 31347 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 8.9   | 13.3  |
| 54       | 8.4   | 5.0   | 7.4#  |
| 68       | 4.2   | 3.7   | 5.5   |

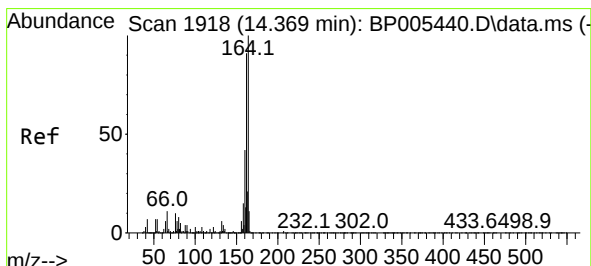
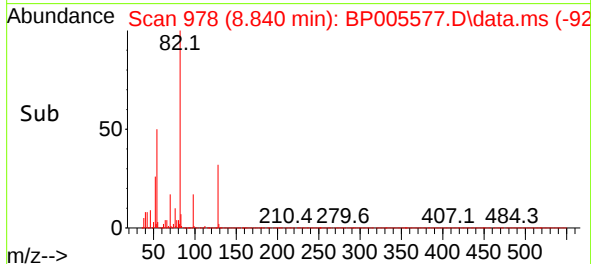
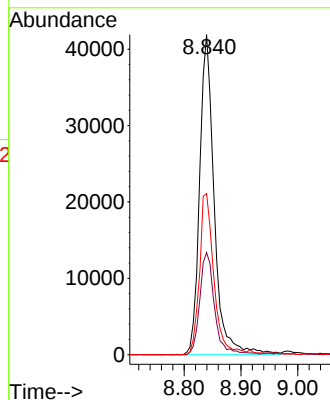
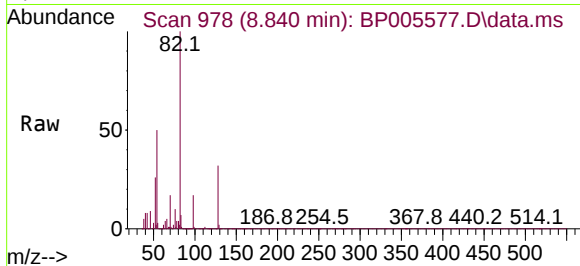




#23  
Nitrobenzene-d5  
Concen: 94.37 ng  
RT: 8.840 min Scan# 978  
Delta R.T. -0.012 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

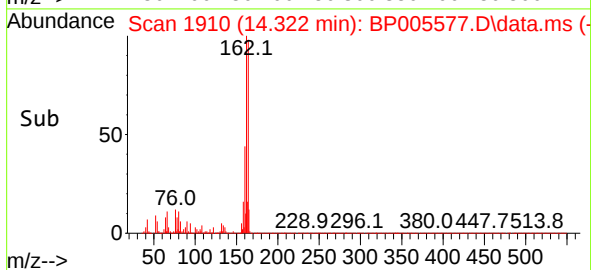
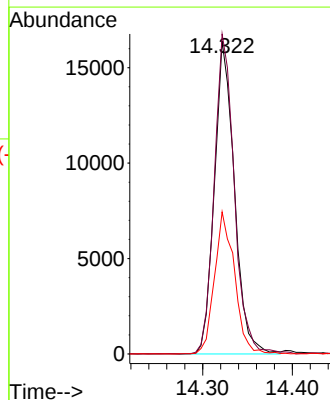
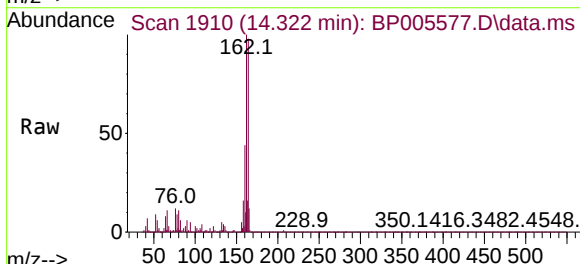
Instrument :  
BNA\_P  
ClientSampleId :  
FB-02-05122021

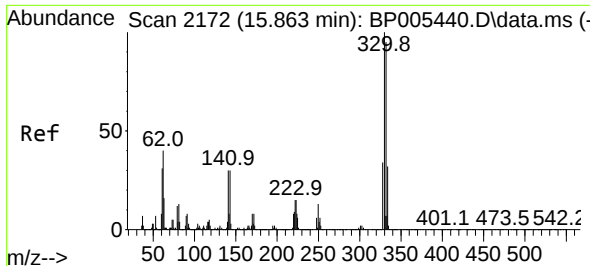
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 75161 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 31.9  | 30.5  | 45.7  |
| 54       | 50.3  | 33.9  | 50.9  |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.322 min Scan# 1910  
Delta R.T. -0.012 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 25386 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 102.3 | 73.5  | 110.3 |
| 160      | 45.4  | 40.6  | 61.0  |

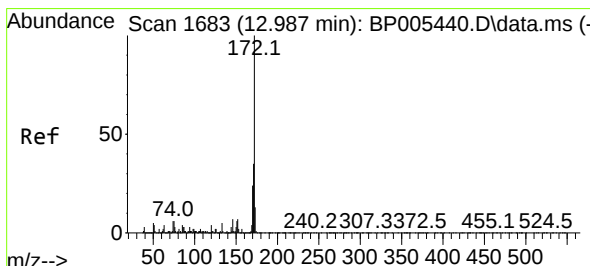
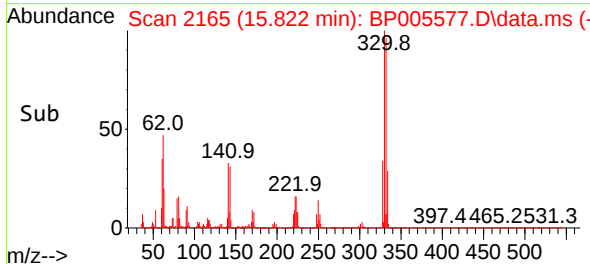
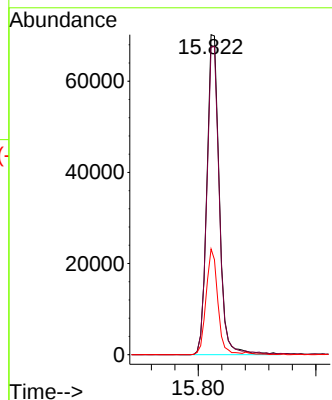
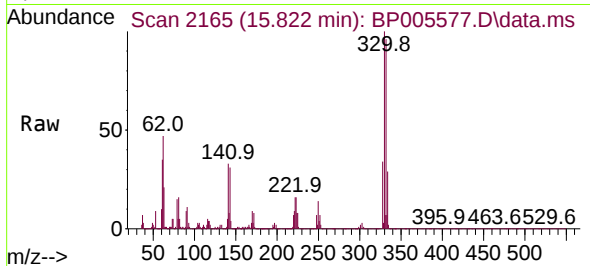




#42  
2,4,6-Tribromophenol  
Concen: 142.25 ng  
RT: 15.822 min Scan# 2165  
Delta R.T. -0.018 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

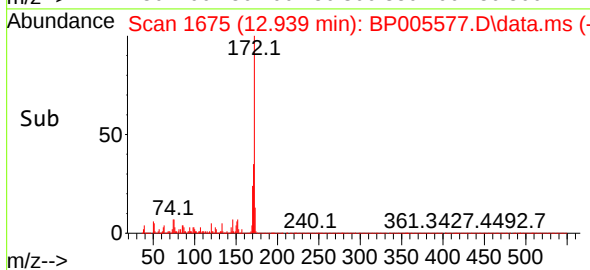
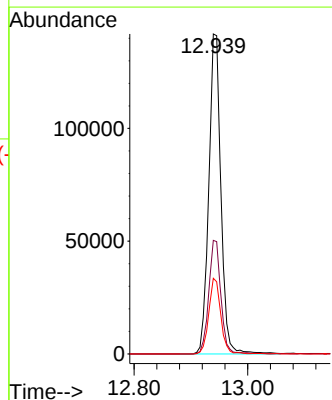
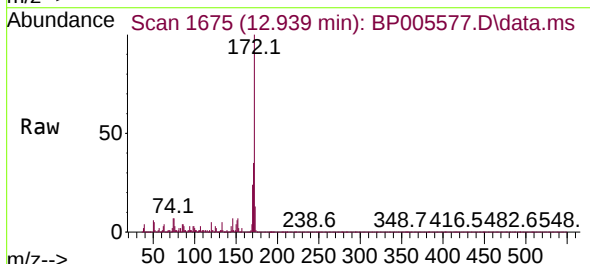
Instrument :  
BNA\_P  
ClientSampleId :  
FB-02-05122021

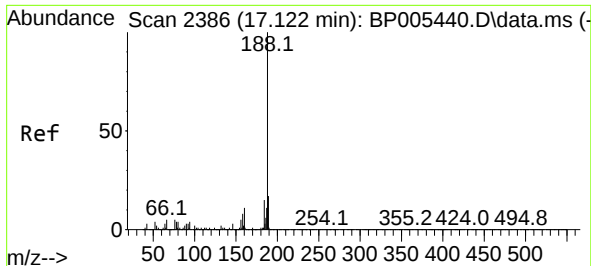
Tgt Ion:330 Resp: 102476  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.3 114.5  
141 31.2 22.8 34.2



#45  
2-Fluorobiphenyl  
Concen: 92.97 ng  
RT: 12.939 min Scan# 1675  
Delta R.T. -0.012 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

Tgt Ion:172 Resp: 209232  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.1 42.1  
170 23.6 19.6 29.4

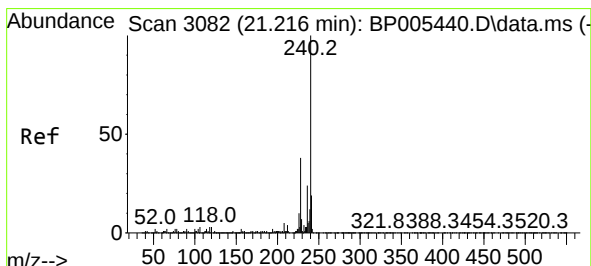
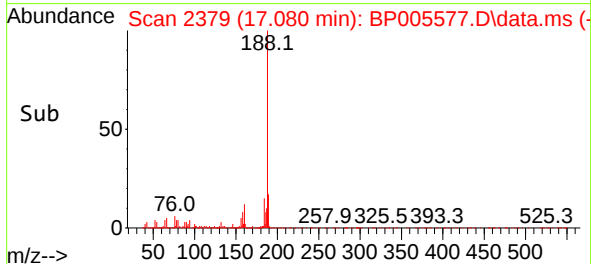
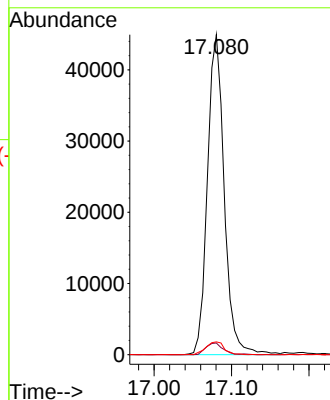
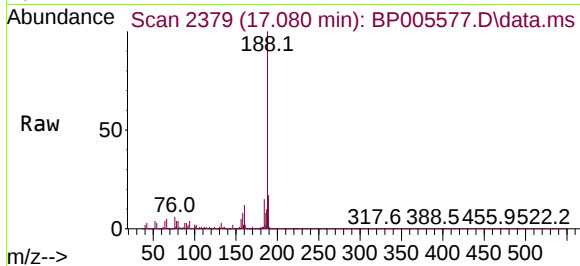




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.080 min Scan# 2379  
Delta R.T. -0.006 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

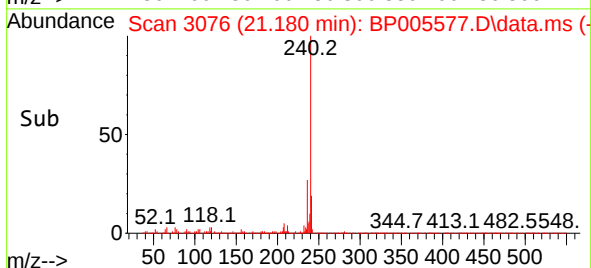
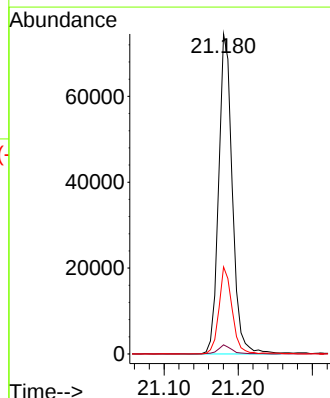
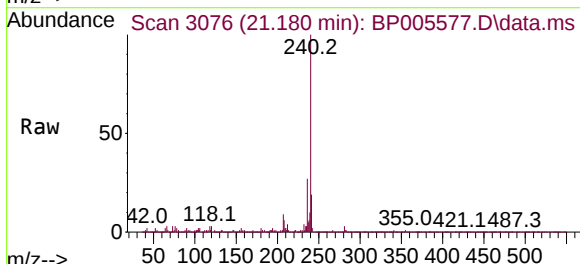
Instrument :  
BNA\_P  
ClientSampleId :  
FB-02-05122021

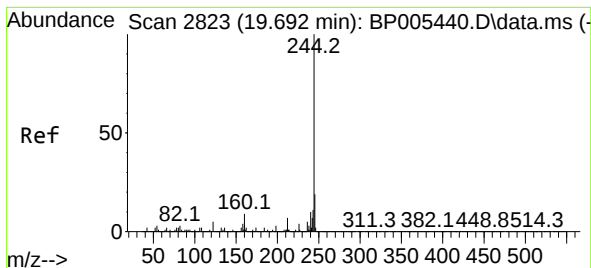
Tgt Ion:188 Resp: 67673  
Ion Ratio Lower Upper  
188 100  
94 3.6 5.0 7.6#  
80 4.0 5.9 8.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.180 min Scan# 3076  
Delta R.T. -0.012 min  
Lab File: BP005577.D  
Acq: 15 May 2021 20:03

Tgt Ion:240 Resp: 95202  
Ion Ratio Lower Upper  
240 100  
120 2.8 4.2 6.2#  
236 27.2 20.2 30.2





#79

Terphenyl-d14

Concen: 98.74 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP005577.D

Acq: 15 May 2021 20:03

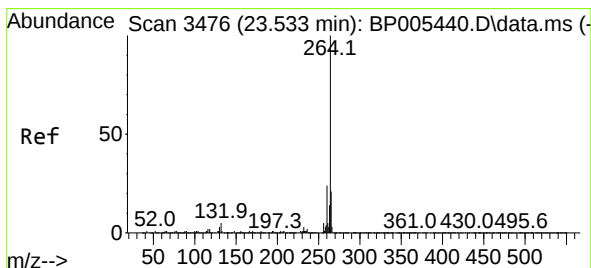
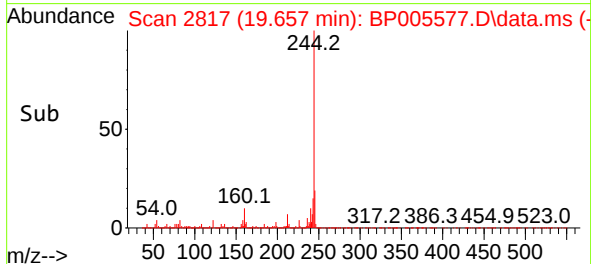
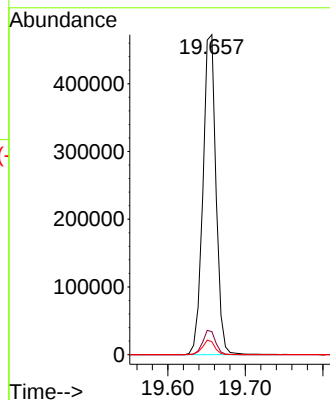
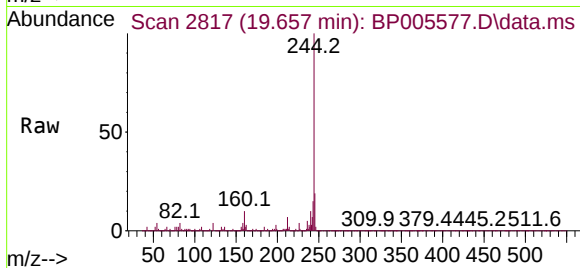
Instrument :

BNA\_P

ClientSampleId :

FB-02-05122021

|             |              |
|-------------|--------------|
| Tgt Ion:244 | Resp: 553515 |
| Ion Ratio   | Lower Upper  |
| 244 100     |              |
| 212 7.2     | 5.8 8.6      |
| 122 4.0     | 5.2 7.8#     |



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.480 min Scan# 3467

Delta R.T. -0.018 min

Lab File: BP005577.D

Acq: 15 May 2021 20:03

|             |              |
|-------------|--------------|
| Tgt Ion:264 | Resp: 113811 |
| Ion Ratio   | Lower Upper  |
| 264 100     |              |
| 260 24.7    | 20.6 30.8    |
| 265 24.1    | 19.0 28.6    |

