

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060921\  
 Data File : BP005811.D  
 Acq On : 09 Jun 2021 16:15  
 Operator : CG/JU  
 Sample : PB136947BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136947BL

Quant Time: Jun 09 18:12:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 11:54:55 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.952  | 152  | 85358    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.763 | 136  | 301819   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.581 | 164  | 182716   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.322 | 188  | 369267   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.392 | 240  | 406080   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.816 | 264  | 446955   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.517  | 112  | 730781   | 137.378 | ng    | 0.00     |
| 7) Phenol-d6                | 7.122  | 99   | 825987   | 119.798 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.116  | 82   | 517644   | 84.085  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.069 | 330  | 388866   | 124.019 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.210 | 172  | 1165551  | 83.765  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.869 | 244  | 1812283  | 83.567  | ng    | 0.00     |

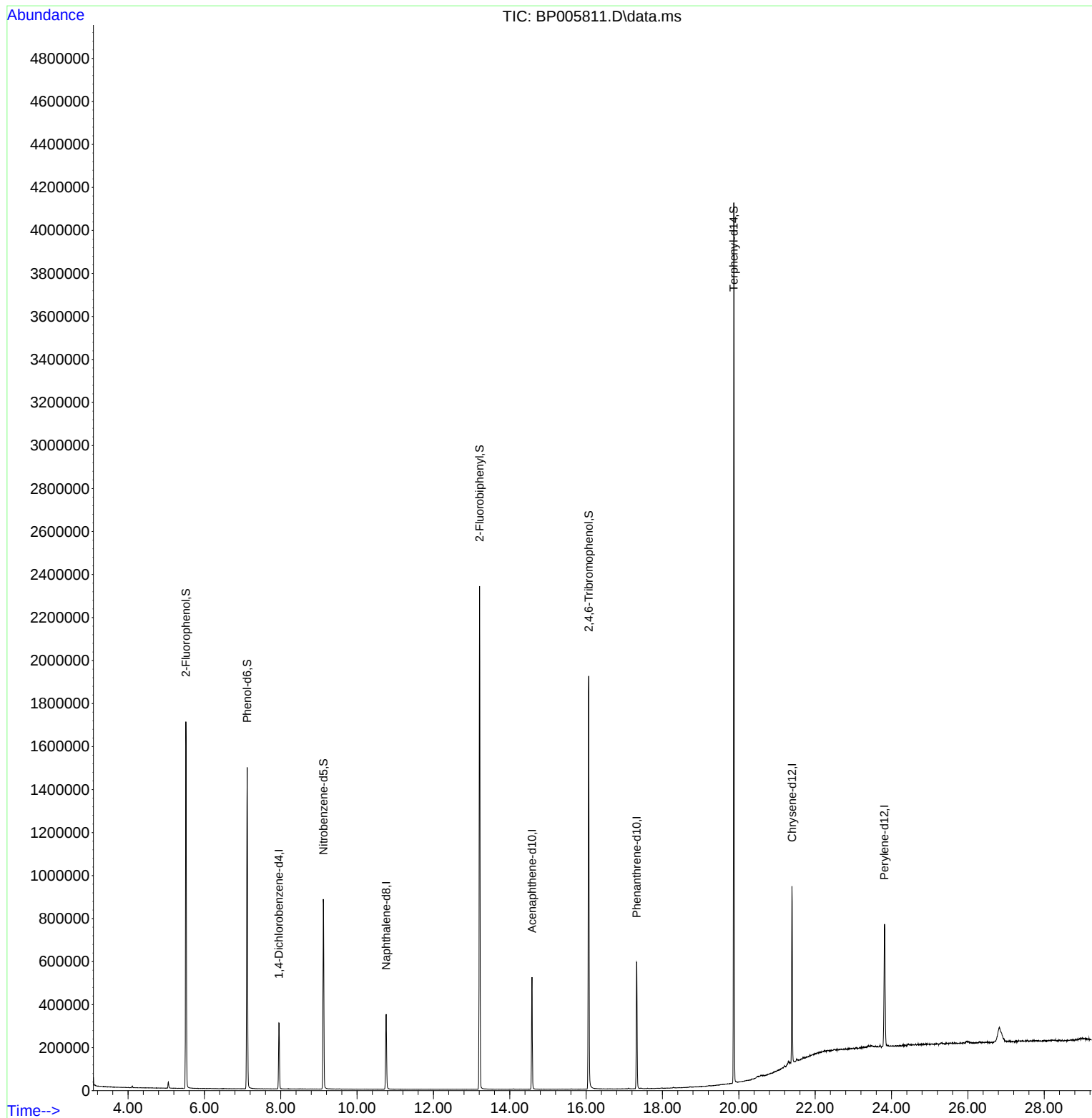
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

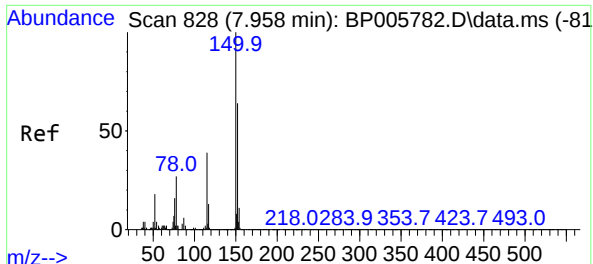
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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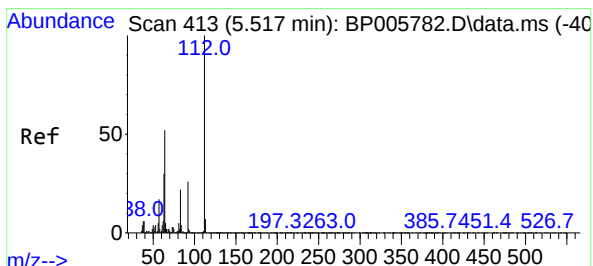
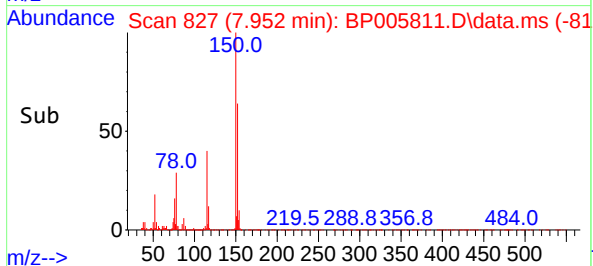
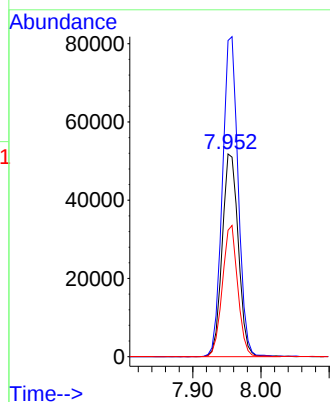
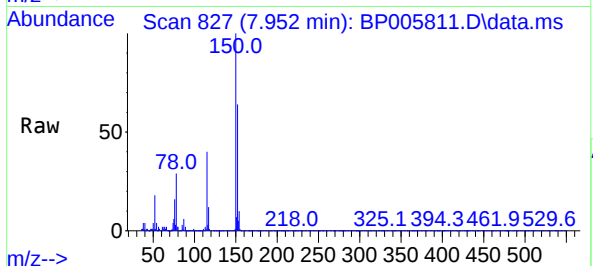




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.952 min Scan# 827  
Delta R.T. -0.006 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

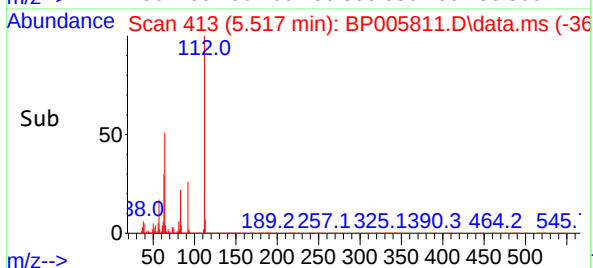
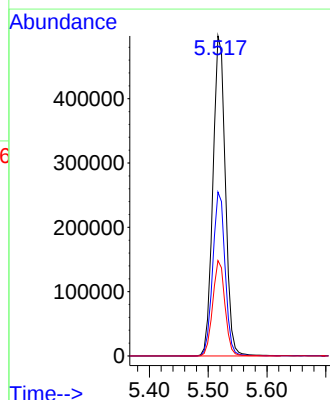
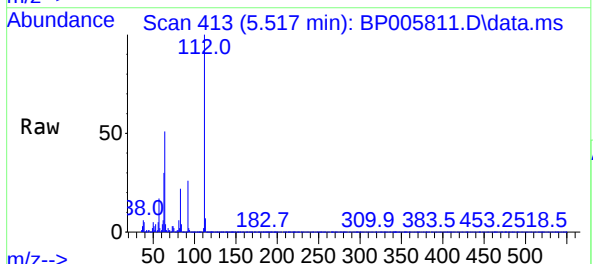
Instrument :  
BNA\_P  
ClientSampleId :  
PB136947BL

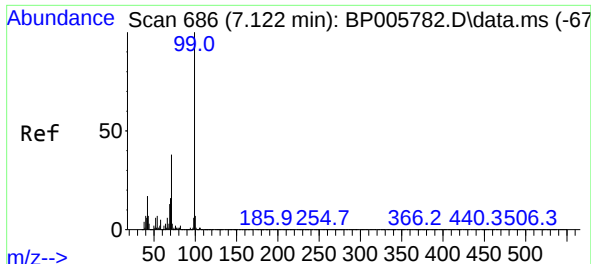
Tgt Ion:152 Resp: 85358  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.6 188.4  
115 62.4 48.5 72.7



#5  
2-Fluorophenol  
Concen: 137.378 ng  
RT: 5.517 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion:112 Resp: 730781  
Ion Ratio Lower Upper  
112 100  
64 51.2 41.4 62.2  
63 29.8 23.8 35.8



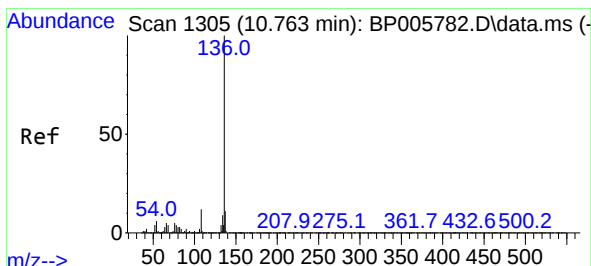
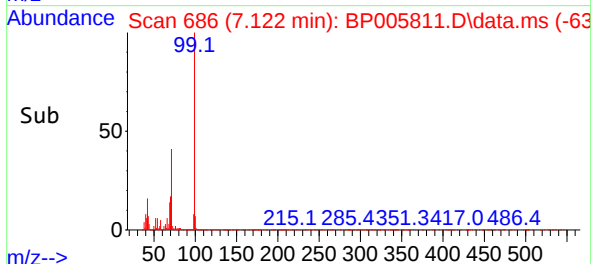
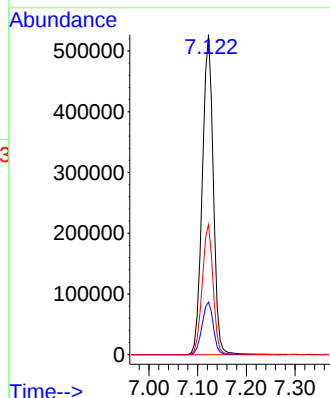
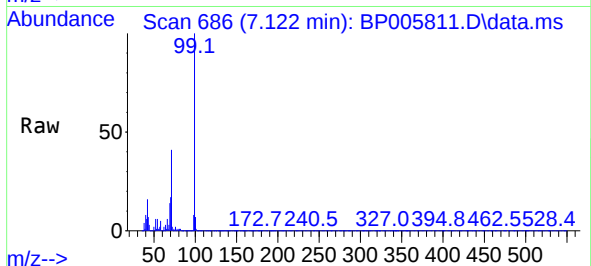


#7  
Phenol-d6  
Concen: 119.798 ng  
RT: 7.122 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Instrument :  
BNA\_P  
ClientSampleId :  
PB136947BL

Tgt Ion: 99 Resp: 825987

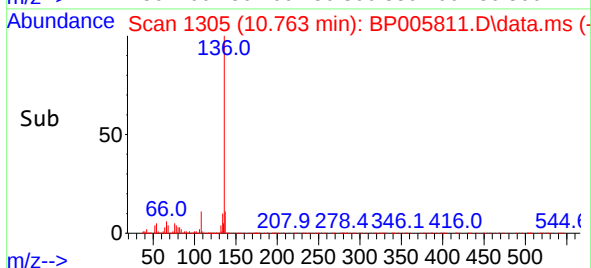
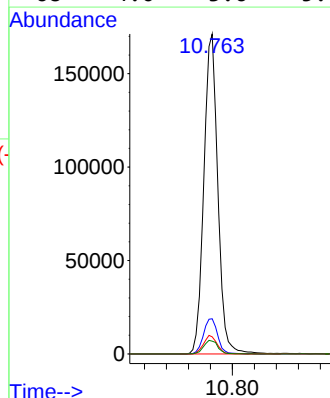
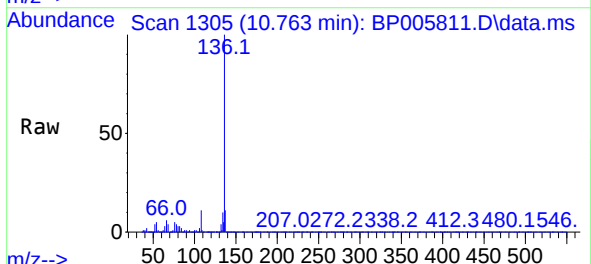
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.5  | 13.4  | 20.0  |
| 71  | 40.6  | 30.6  | 46.0  |

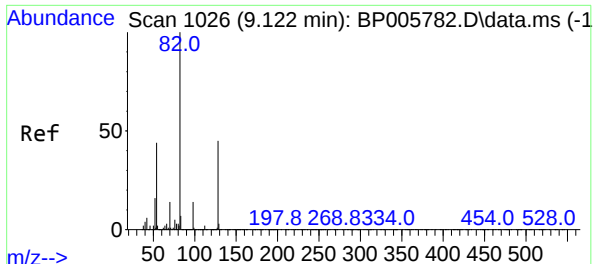


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion: 136 Resp: 301819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 12.8  |
| 54  | 5.4   | 4.6   | 6.8   |
| 68  | 4.0   | 3.6   | 5.4   |

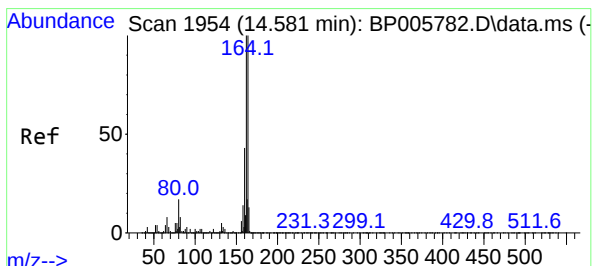
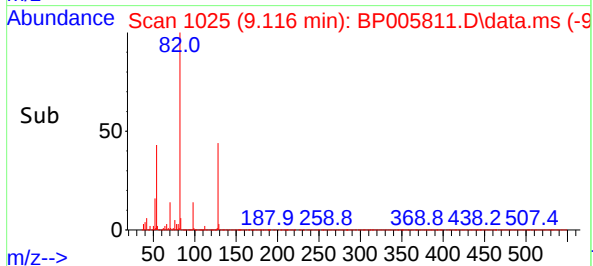
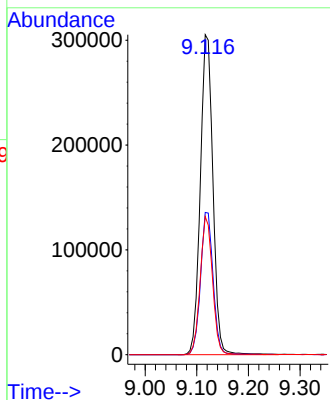
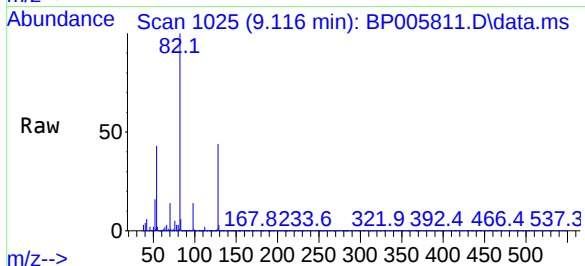




#23  
Nitrobenzene-d5  
Concen: 84.085 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

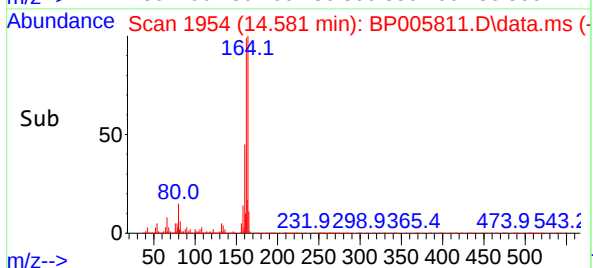
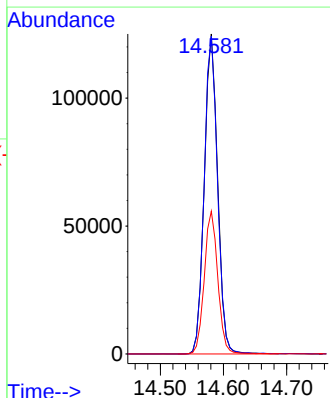
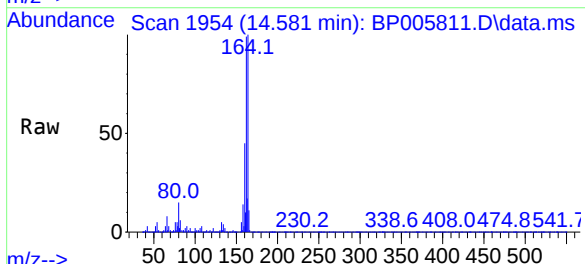
Instrument :  
BNA\_P  
ClientSampleId :  
PB136947BL

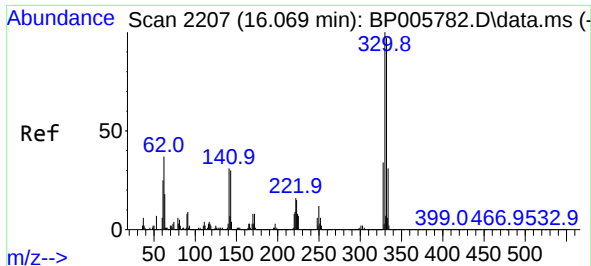
Tgt Ion: 82 Resp: 517644  
Ion Ratio Lower Upper  
82 100  
128 44.5 35.7 53.5  
54 43.2 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion: 164 Resp: 182716  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.2 120.2  
160 44.6 34.5 51.7

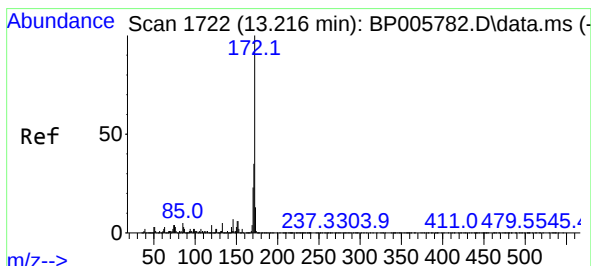
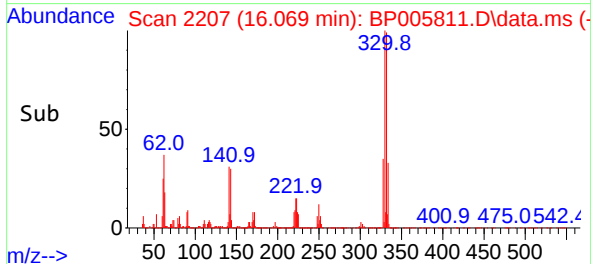
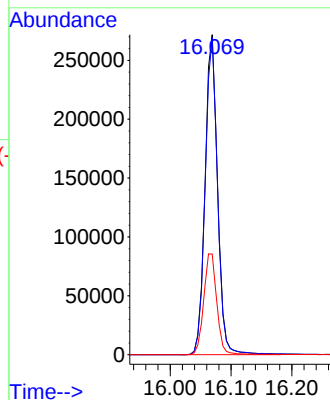
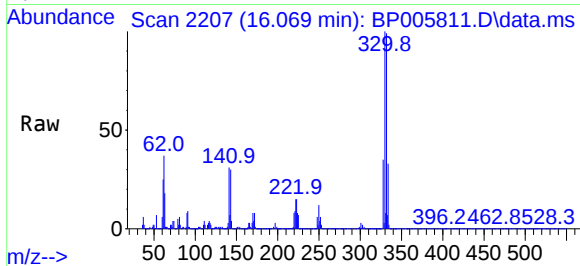




#42  
2,4,6-Tribromophenol  
Concen: 124.019 ng  
RT: 16.069 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

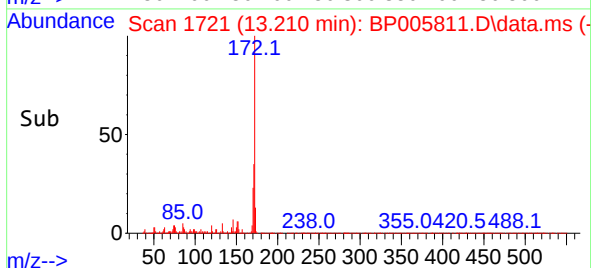
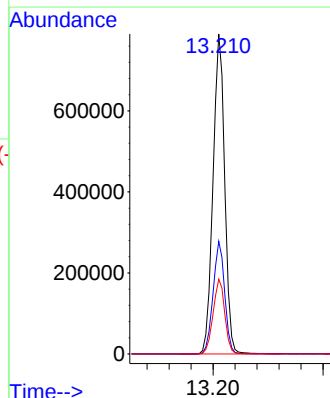
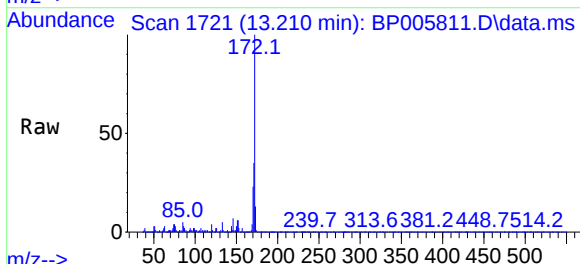
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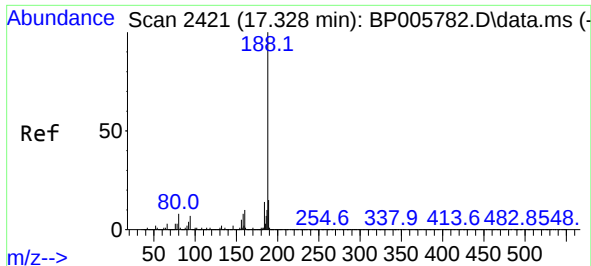
Tgt Ion:330 Resp: 388866  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.8 116.8  
141 32.9 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 83.765 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion:172 Resp: 1165551  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.3 18.6 27.8

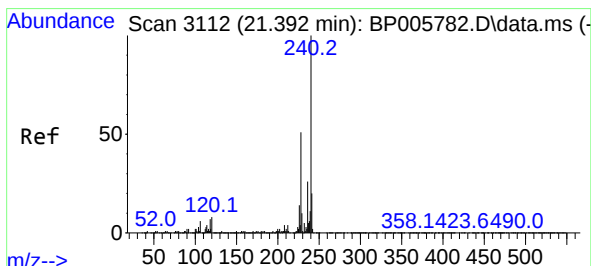
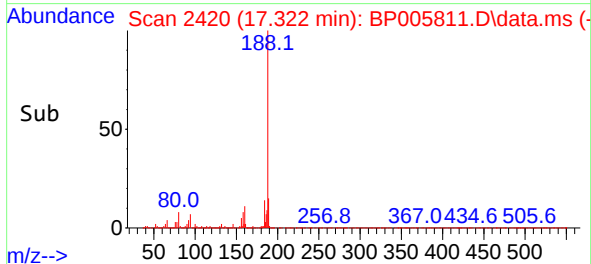
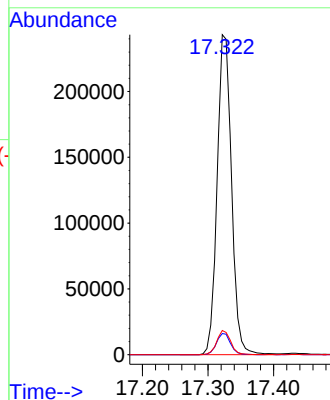
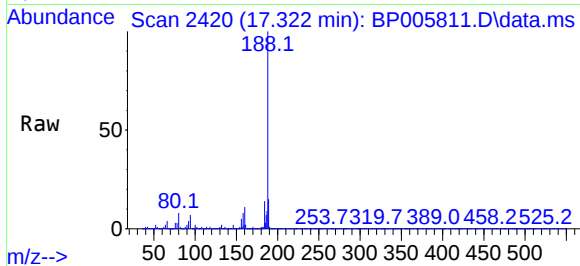




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

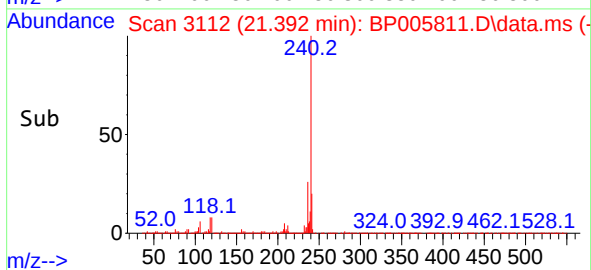
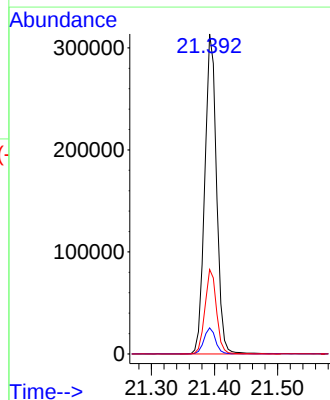
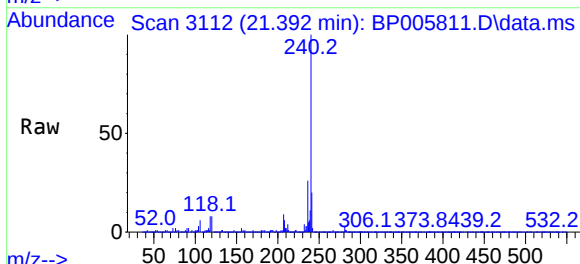
Instrument :  
BNA\_P  
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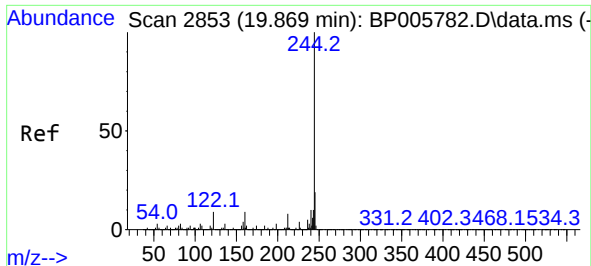
Tgt Ion:188 Resp: 369267  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.6 8.4  
80 7.6 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion:240 Resp: 406080  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 26.4 20.6 31.0

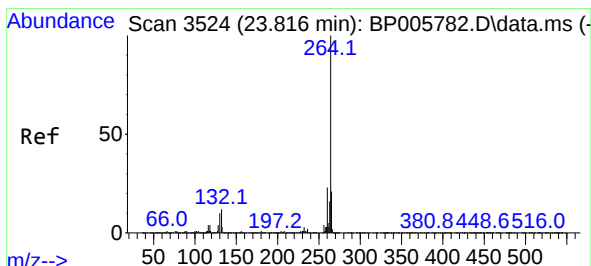
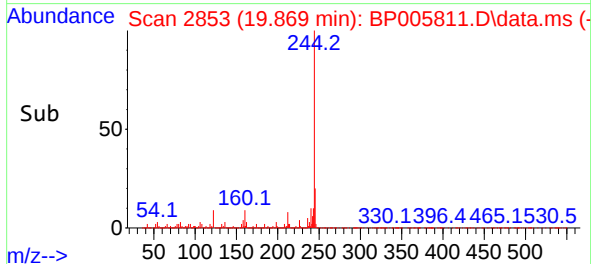
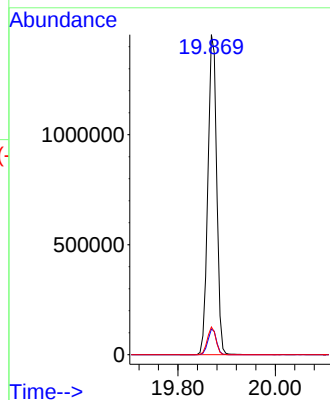
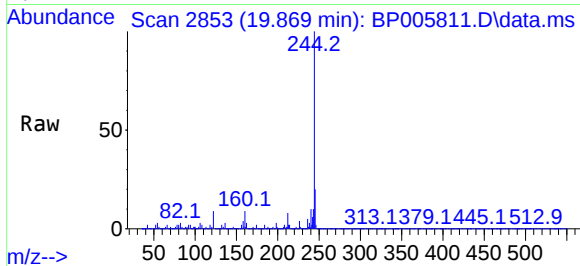




#79  
Terphenyl-d14  
Concen: 83.567 ng  
RT: 19.869 min Scan# 2853  
Delta R.T. -0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Instrument :  
BNA\_P  
ClientSampleId :  
PB136947BL

Tgt Ion:244 Resp: 1812283  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 8.7 7.1 10.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.816 min Scan# 3524  
Delta R.T. 0.000 min  
Lab File: BP005811.D  
Acq: 09 Jun 2021 16:15

Tgt Ion:264 Resp: 446955  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 28.0  
265 21.9 17.6 26.4

