

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031122\  
 Data File : BP009360.D  
 Acq On : 11 Mar 2022 12:10  
 Operator : CG/JU  
 Sample : PB143234BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143234BL

Quant Time: Mar 12 04:49:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.822  | 152  | 346484   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.616 | 136  | 1337448  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 835467   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.221 | 188  | 1713146  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.339 | 240  | 1497612  | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12            | 23.756 | 264  | 1524506  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 2997904  | 126.297 | ng    | 0.00     |
| 7) Phenol-d6                | 6.998  | 99   | 3648089  | 120.939 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 8.975  | 82   | 2347362  | 96.669  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.963 | 330  | 1716592  | 170.157 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.086 | 172  | 5674727  | 93.408  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.798 | 244  | 7961633  | 100.324 | ng    | 0.00     |

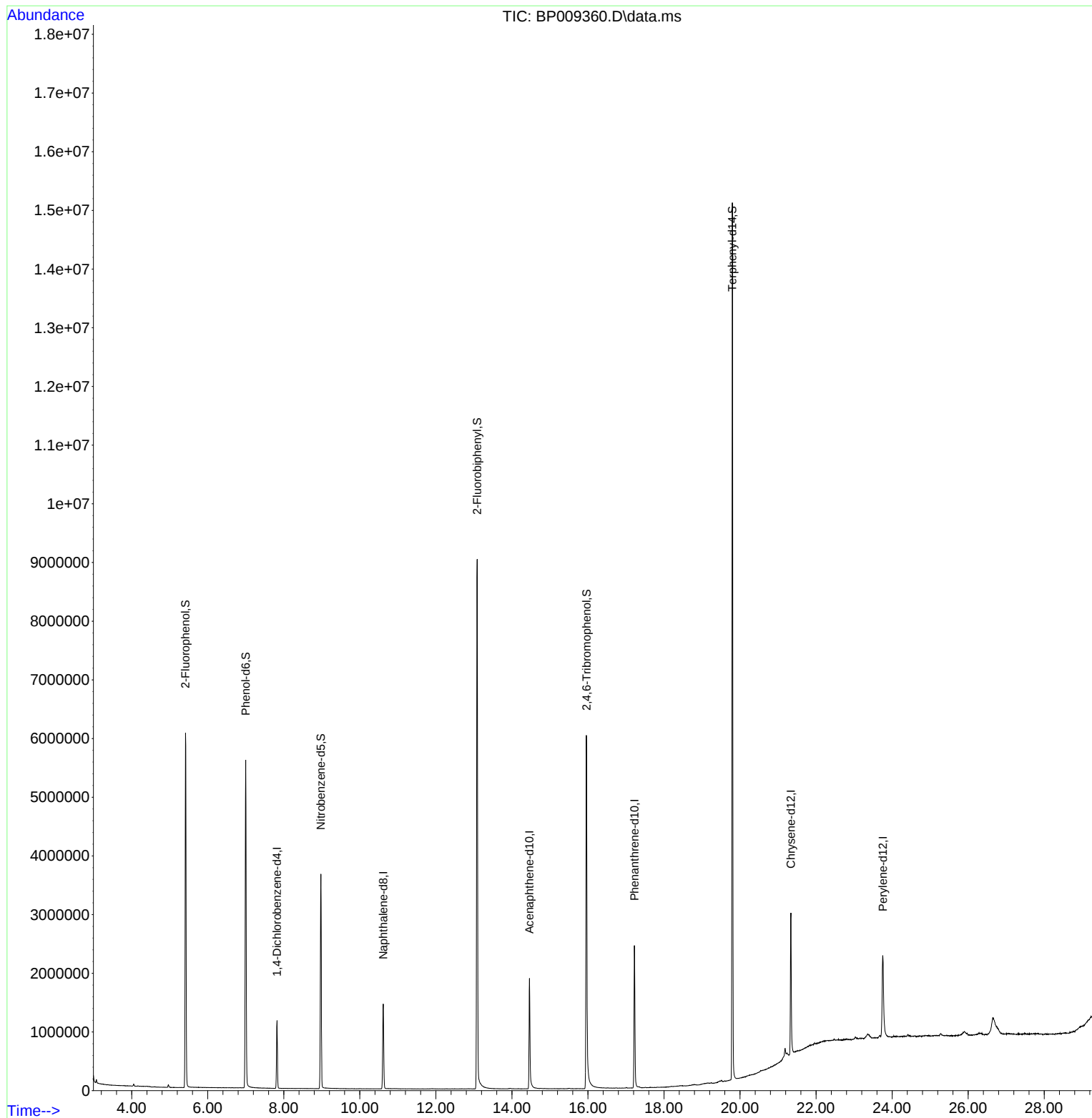
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

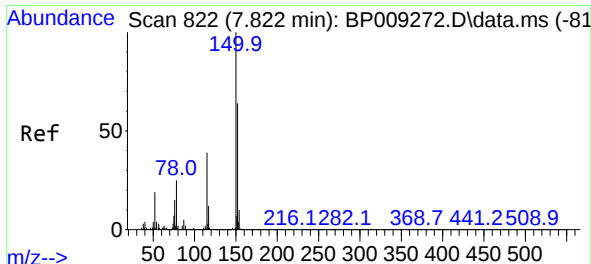
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031122\  
Data File : BP009360.D  
Acq On : 11 Mar 2022 12:10  
Operator : CG/JU  
Sample : PB143234BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB143234BL

Quant Time: Mar 12 04:49:00 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 05 01:55:59 2022  
Response via : Initial Calibration

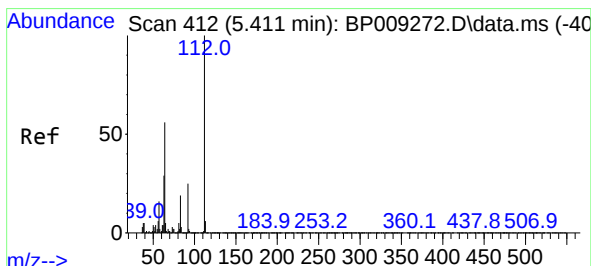
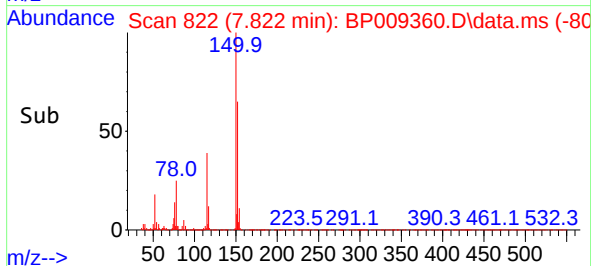
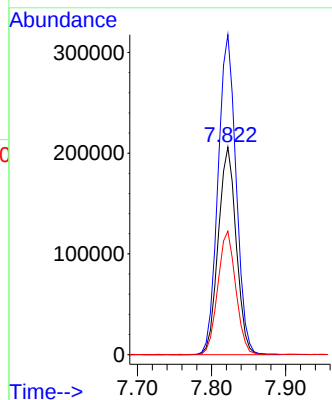
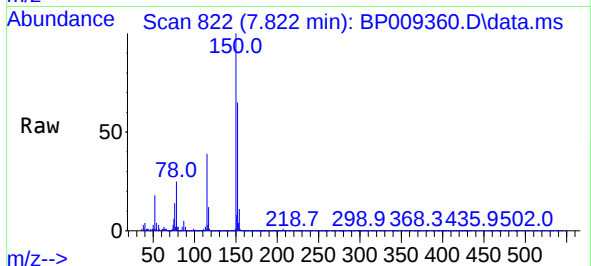




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

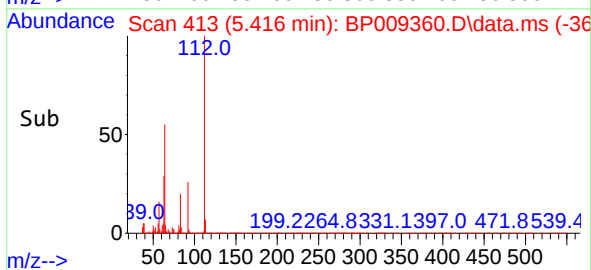
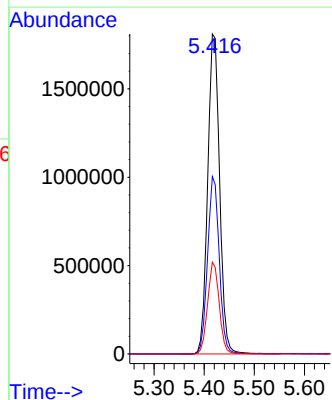
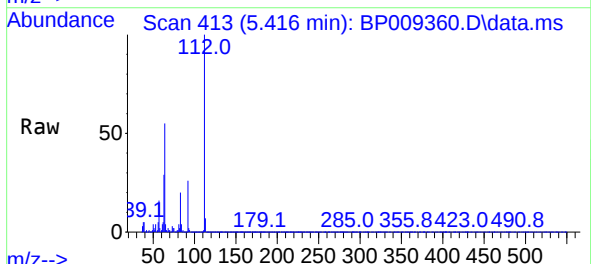
Instrument :  
BNA\_P  
ClientSampleId :  
PB143234BL

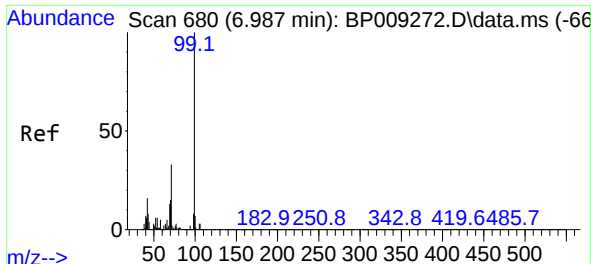
Tgt Ion:152 Resp: 346484  
Ion Ratio Lower Upper  
152 100  
150 154.0 124.5 186.7  
115 59.5 48.2 72.4



#5  
2-Fluorophenol  
Concen: 126.297 ng  
RT: 5.416 min Scan# 413  
Delta R.T. 0.005 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

Tgt Ion:112 Resp: 2997904  
Ion Ratio Lower Upper  
112 100  
64 55.5 45.0 67.4  
63 28.7 23.0 34.6



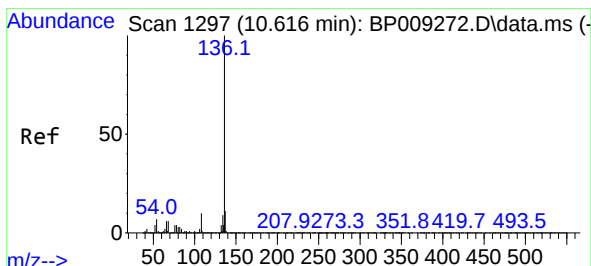
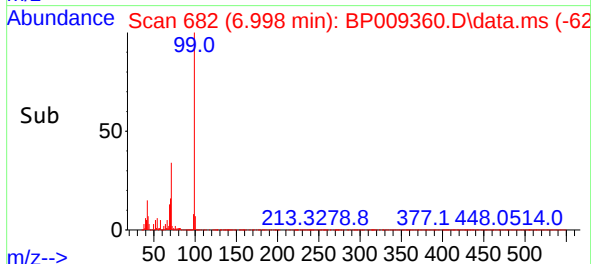
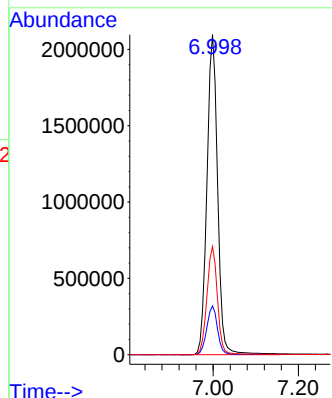
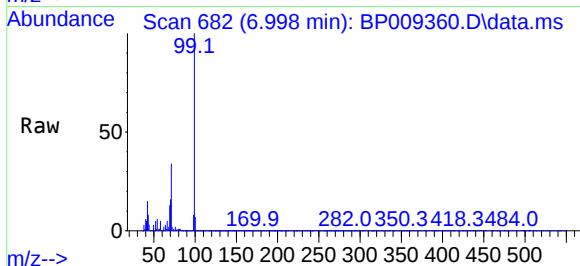


#7  
Phenol-d6  
Concen: 120.939 ng  
RT: 6.998 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB143234BL

Tgt Ion: 99 Resp: 3648089

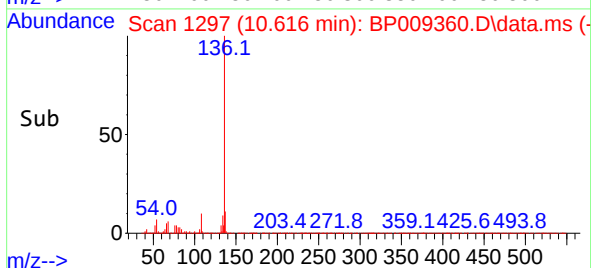
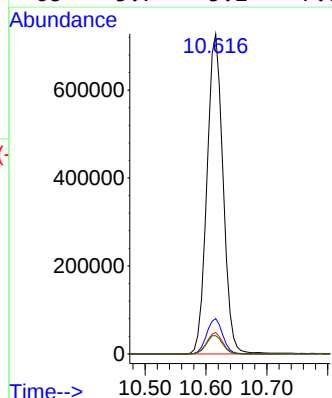
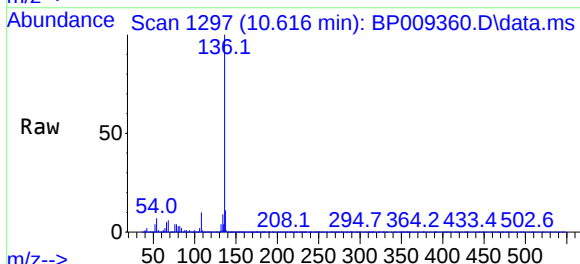
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.2  | 12.8  | 19.2  |
| 71  | 33.8  | 26.3  | 39.5  |

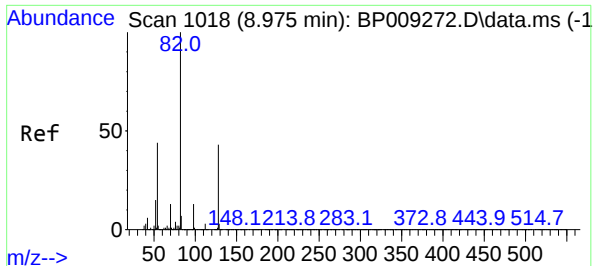


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

Tgt Ion: 136 Resp: 1337448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 12.8  |
| 54  | 6.7   | 5.8   | 8.8   |
| 68  | 5.7   | 5.2   | 7.8   |





#23

Nitrobenzene-d5

Concen: 96.669 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BP009360.D

Acq: 11 Mar 2022 12:10

Instrument :

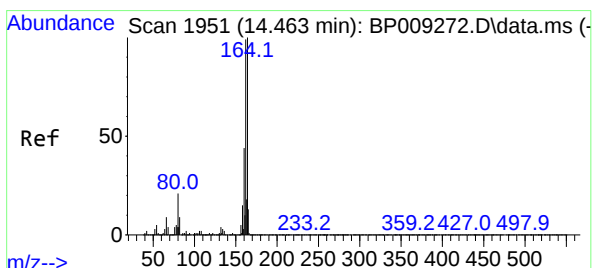
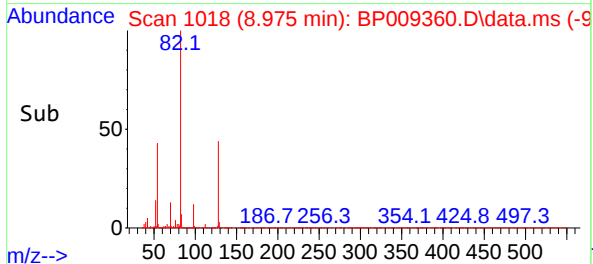
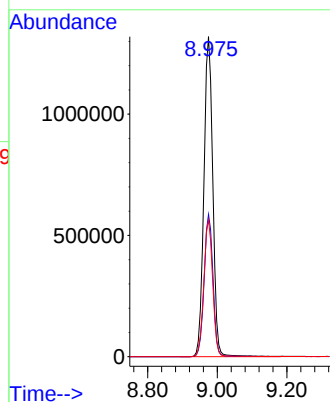
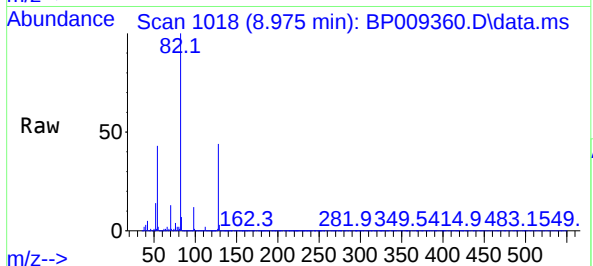
BNA\_P

ClientSampleId :

PB143234BL

Tgt Ion: 82 Resp: 2347362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.5  | 34.2  | 51.4  |
| 54  | 42.8  | 34.7  | 52.1  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

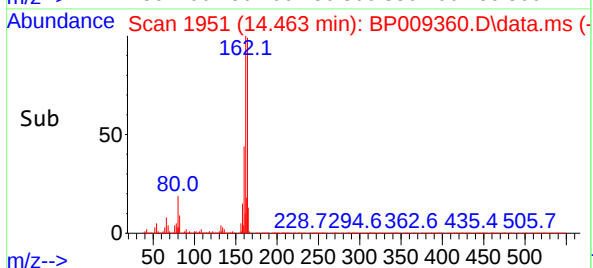
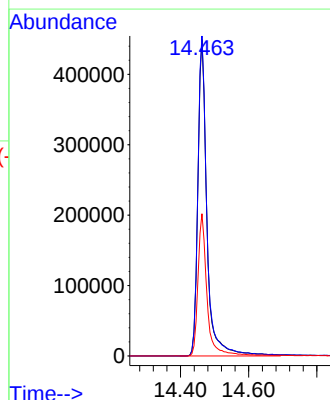
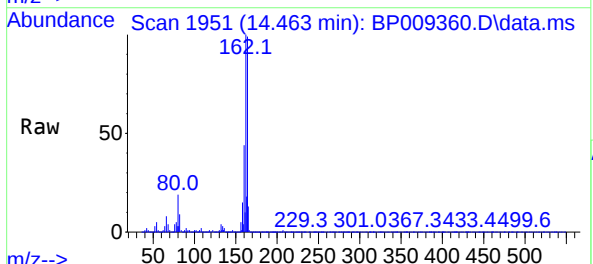
Delta R.T. -0.000 min

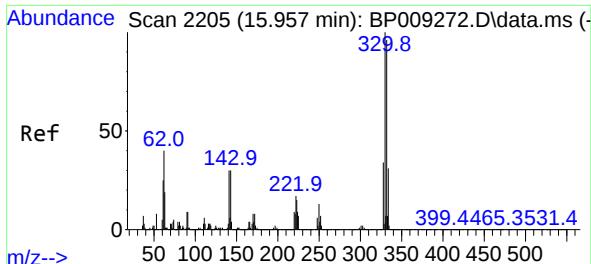
Lab File: BP009360.D

Acq: 11 Mar 2022 12:10

Tgt Ion:164 Resp: 835467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.1 | 79.1  | 118.7 |
| 160 | 45.0  | 34.9  | 52.3  |

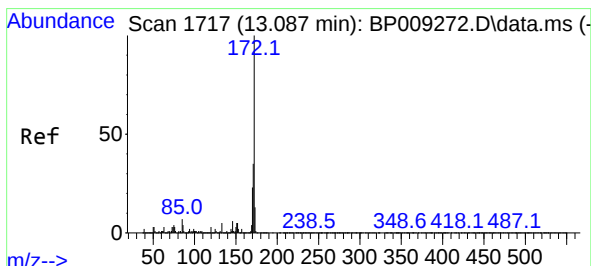
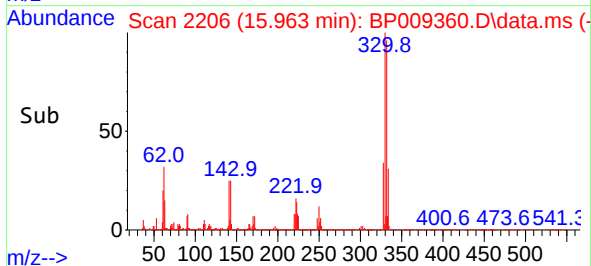
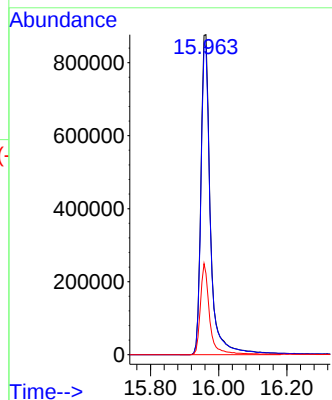
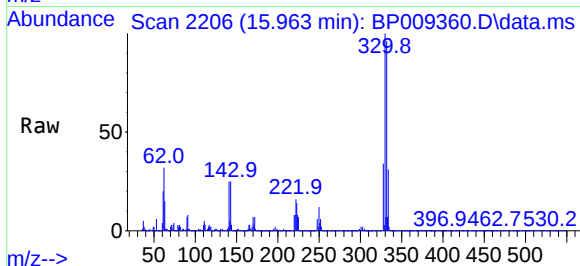




#42  
2,4,6-Tribromophenol  
Concen: 170.157 ng  
RT: 15.963 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

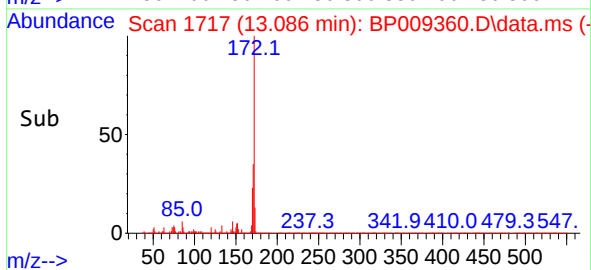
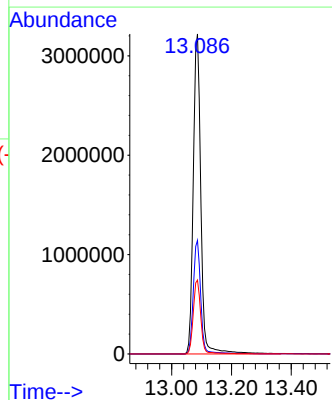
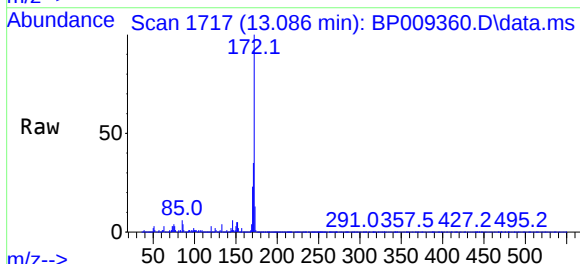
Instrument :  
BNA\_P  
ClientSampleId :  
PB143234BL

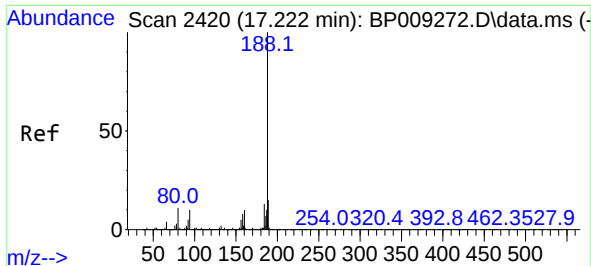
Tgt Ion:330 Resp: 1716592  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.6  
141 27.5 27.6 41.4#



#45  
2-Fluorobiphenyl  
Concen: 93.408 ng  
RT: 13.086 min Scan# 1717  
Delta R.T. -0.001 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

Tgt Ion:172 Resp: 5674727  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.1 18.6 27.8

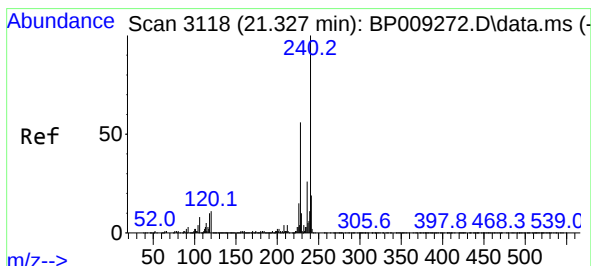
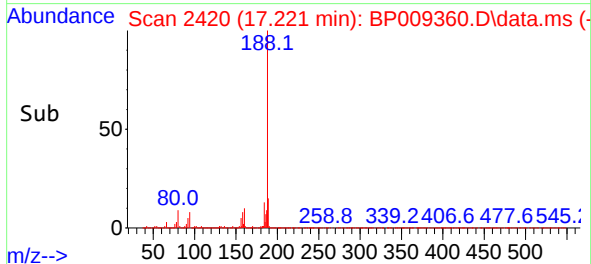
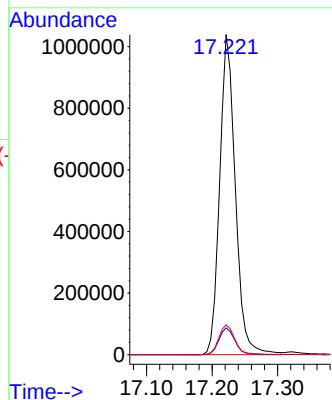
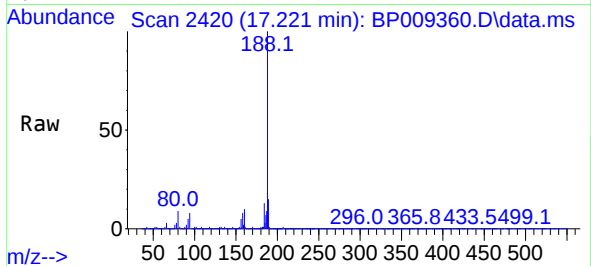




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2420  
Delta R.T. -0.000 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

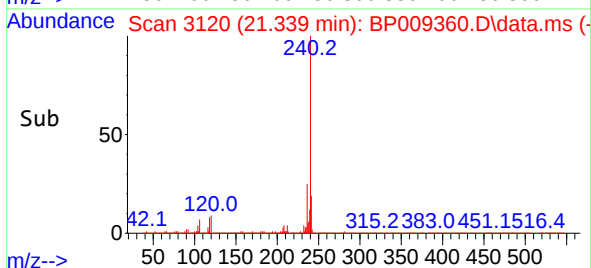
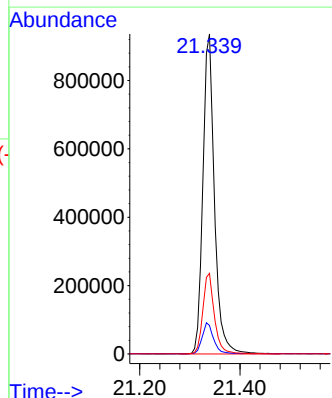
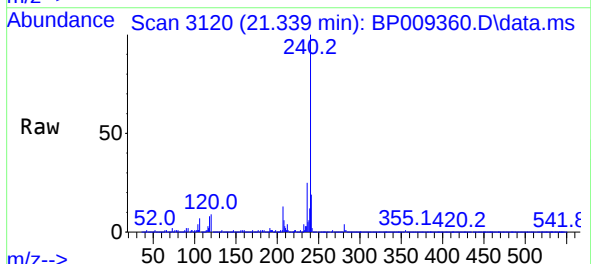
Instrument :  
BNA\_P  
ClientSampleId :  
PB143234BL

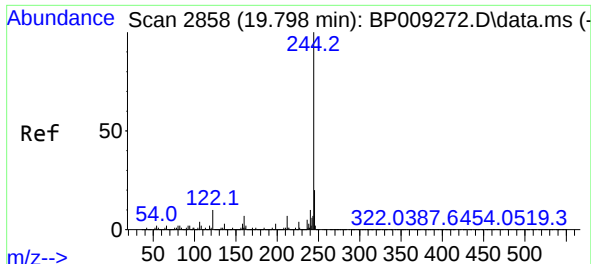
Tgt Ion:188 Resp: 1713146  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.9 11.9  
80 9.4 8.8 13.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 3120  
Delta R.T. 0.011 min  
Lab File: BP009360.D  
Acq: 11 Mar 2022 12:10

Tgt Ion:240 Resp: 1497612  
Ion Ratio Lower Upper  
240 100  
120 8.9 9.0 13.4#  
236 25.2 20.6 30.8

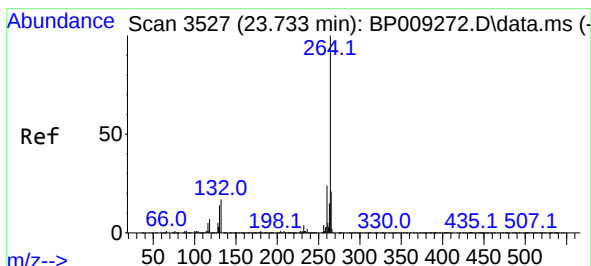
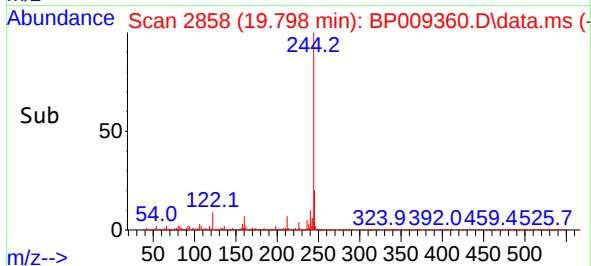
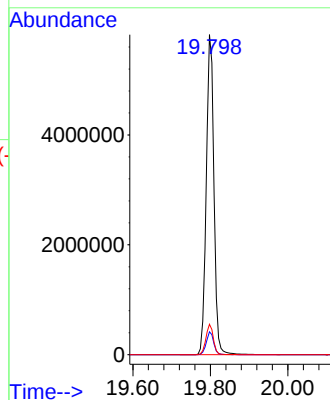
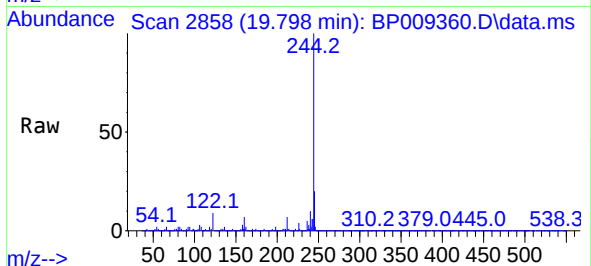




#79  
 Terphenyl-d14  
 Concen: 100.324 ng  
 RT: 19.798 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP009360.D  
 Acq: 11 Mar 2022 12:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143234BL

Tgt Ion:244 Resp: 7961633  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.5 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.756 min Scan# 3531  
 Delta R.T. 0.023 min  
 Lab File: BP009360.D  
 Acq: 11 Mar 2022 12:10

Tgt Ion:264 Resp: 1524506  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.4 29.0  
 265 21.5 17.2 25.8

