

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110121\  
 Data File : BP007790.D  
 Acq On : 01 Nov 2021 14:23  
 Operator : CG/JU  
 Sample : PB140274BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140274BL

Quant Time: Nov 01 14:50:46 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP101321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 01 14:37:50 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 203932   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.734 | 136  | 754886   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.569 | 164  | 486112   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.322 | 188  | 1103067  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.416 | 240  | 1218576  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.863 | 264  | 1238218  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.505  | 112  | 1642026  | 133.454 | ng    | 0.00     |
| 7) Phenol-d6                | 7.099  | 99   | 1993534  | 120.259 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.087  | 82   | 1198464  | 97.977  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.063 | 330  | 858928   | 170.227 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.193 | 172  | 2889009  | 90.841  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.886 | 244  | 5079830  | 84.432  | ng    | 0.00     |

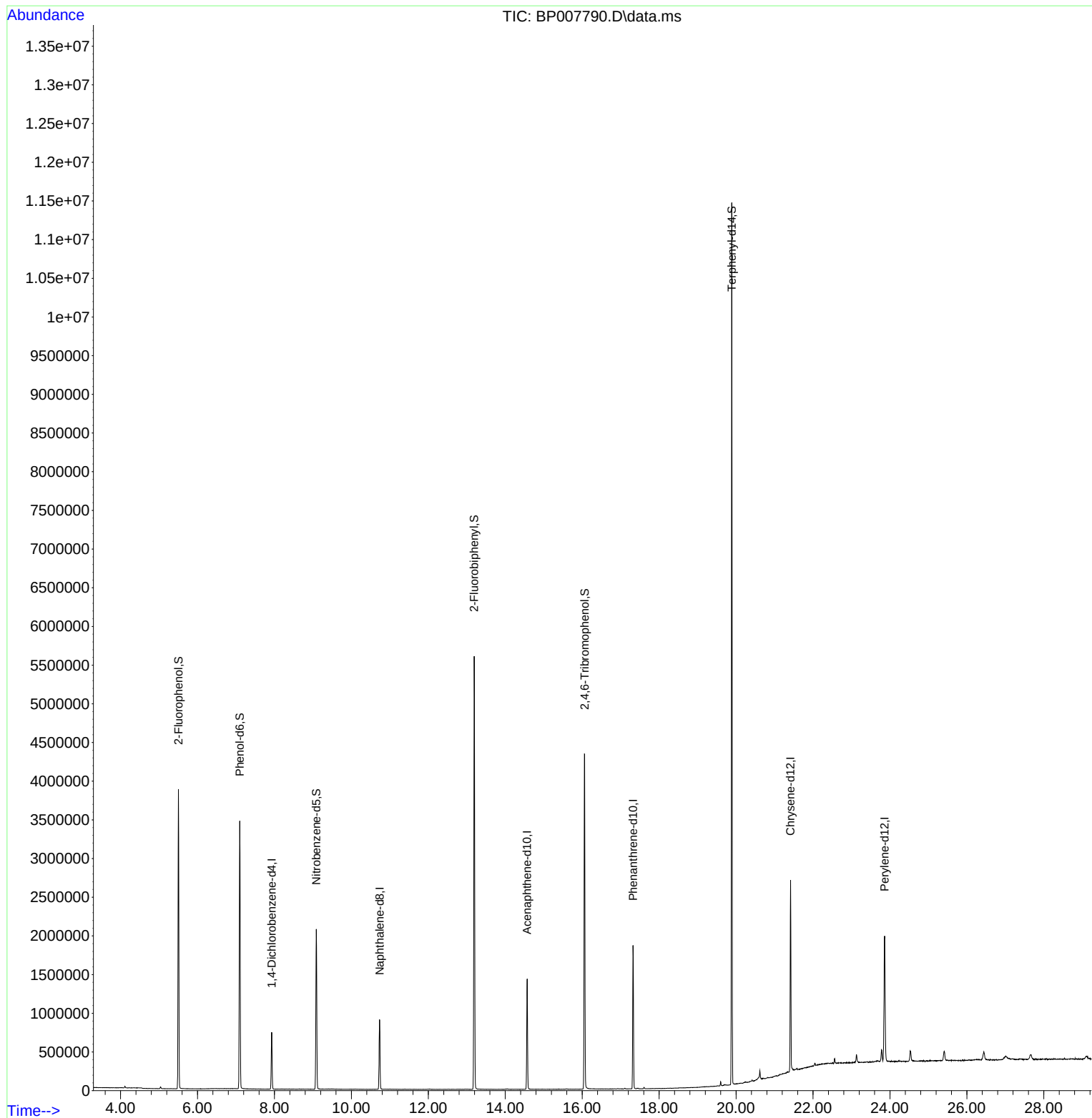
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

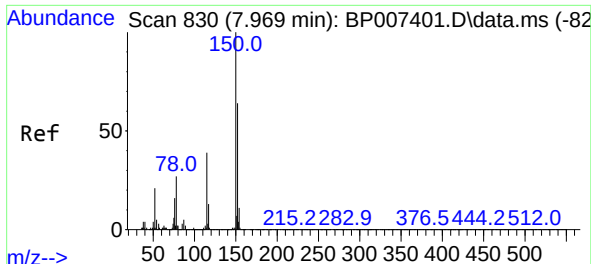
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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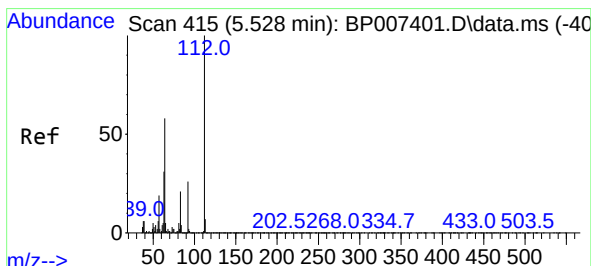
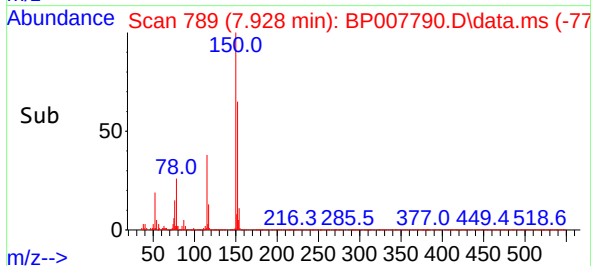
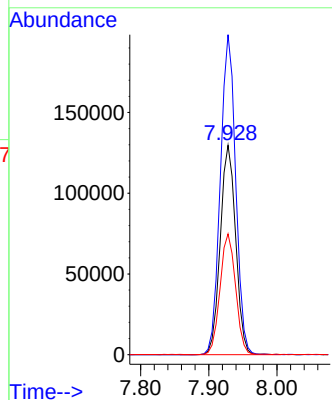
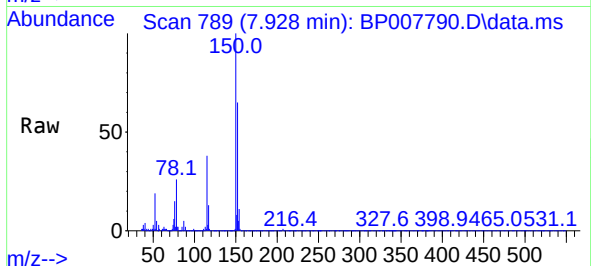




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

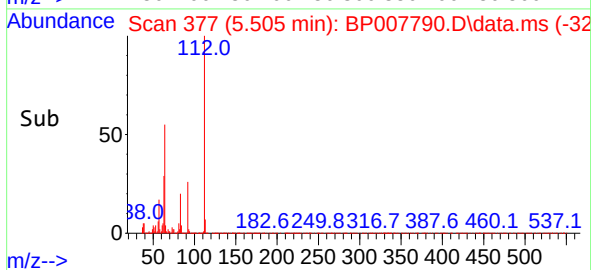
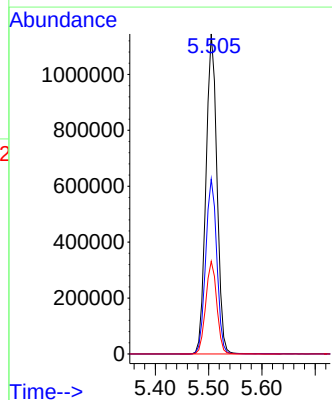
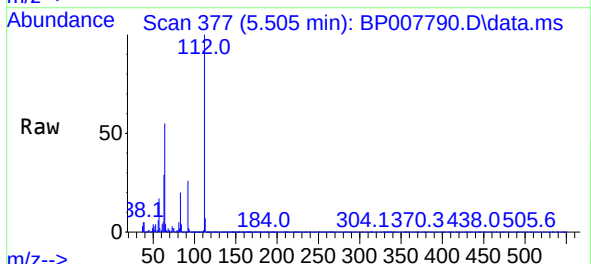
Instrument :  
BNA\_P  
ClientSampleId :  
PB140274BL

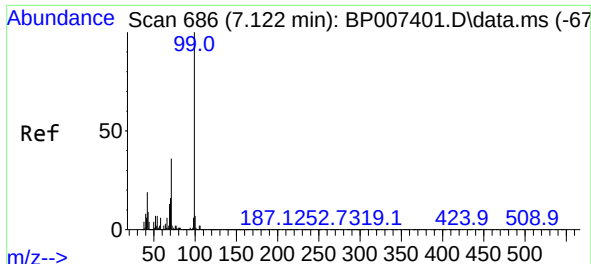
Tgt Ion:152 Resp: 203932  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.1 186.1  
115 57.7 48.1 72.1



#5  
2-Fluorophenol  
Concen: 133.454 ng  
RT: 5.505 min Scan# 377  
Delta R.T. 0.000 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

Tgt Ion:112 Resp: 1642026  
Ion Ratio Lower Upper  
112 100  
64 54.7 46.6 70.0  
63 29.0 25.0 37.6



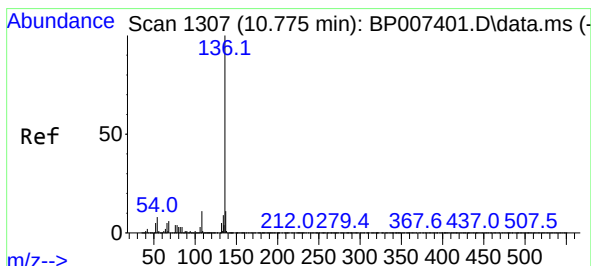
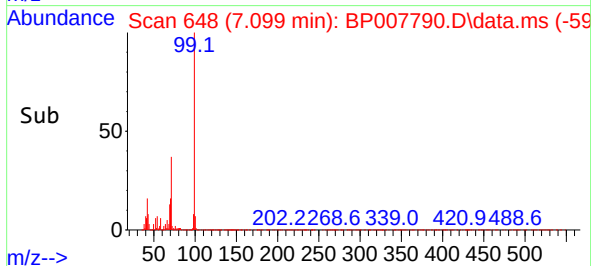
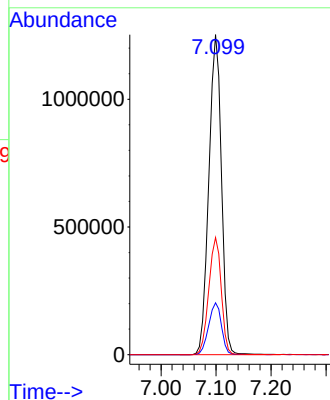
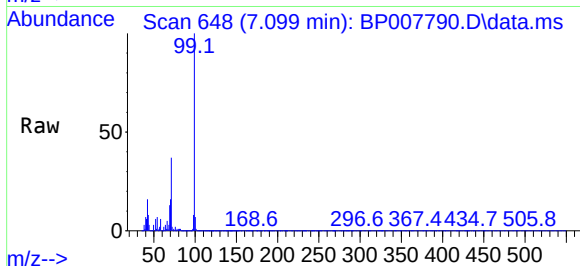


#7  
Phenol-d6  
Concen: 120.259 ng  
RT: 7.099 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

Instrument :  
BNA\_P  
ClientSampleId :  
PB140274BL

Tgt Ion: 99 Resp: 1993534

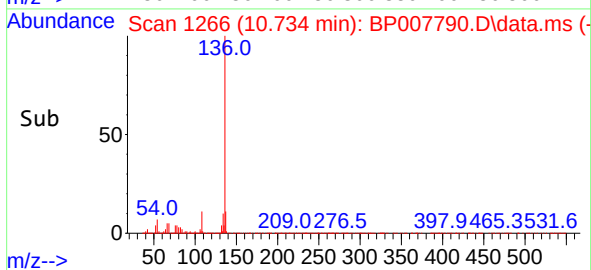
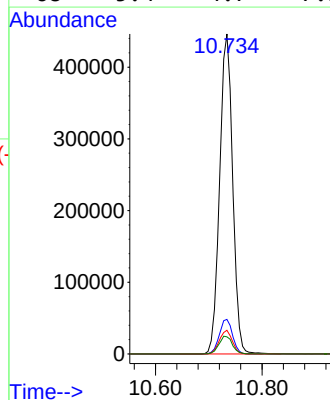
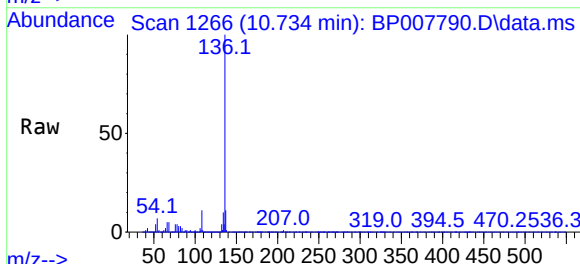
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.2  | 14.9  | 22.3  |
| 71  | 36.6  | 29.2  | 43.8  |

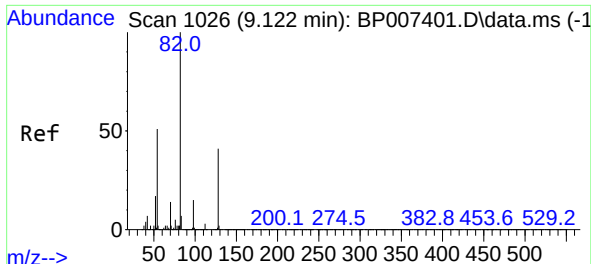


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.734 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

Tgt Ion: 136 Resp: 754886

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 7.4   | 6.2   | 9.4   |
| 68  | 5.4   | 4.7   | 7.1   |





#23

Nitrobenzene-d5

Concen: 97.977 ng

RT: 9.087 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP007790.D

Acq: 01 Nov 2021 14:23

Instrument :

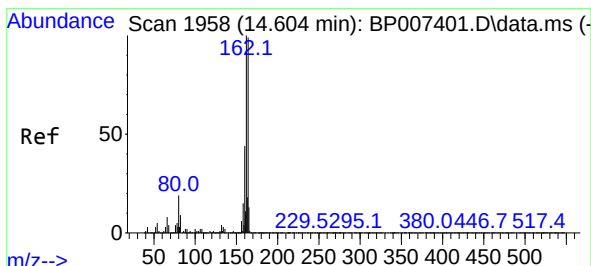
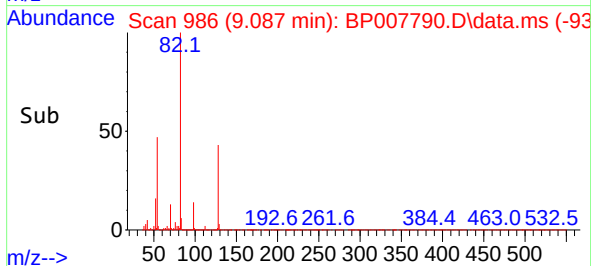
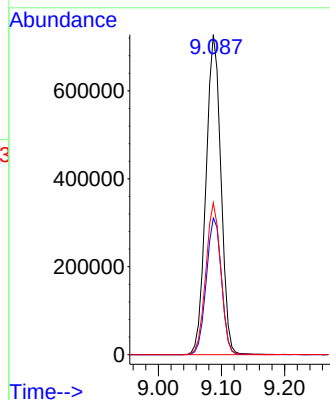
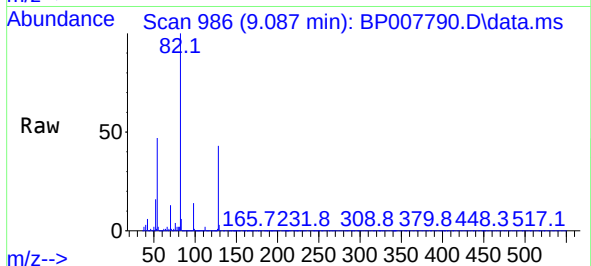
BNA\_P

ClientSampleId :

PB140274BL

Tgt Ion: 82 Resp: 1198464

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.7  | 32.6  | 48.8  |
| 54  | 47.5  | 40.4  | 60.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1918

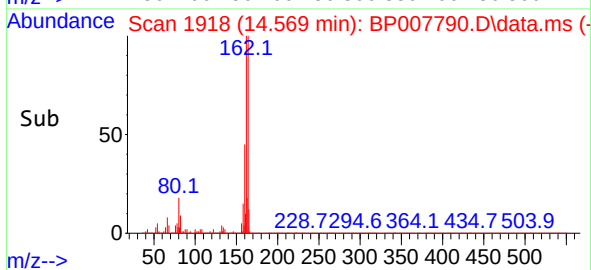
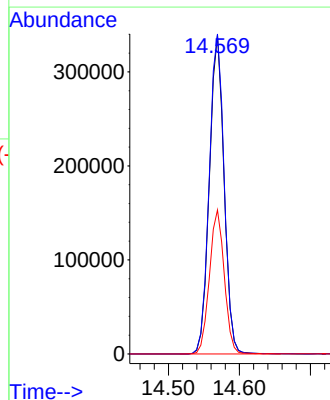
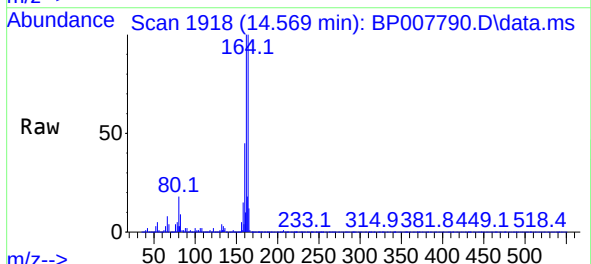
Delta R.T. -0.006 min

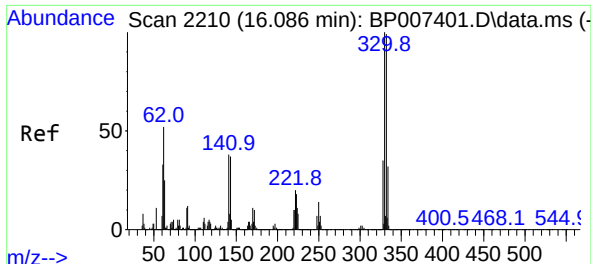
Lab File: BP007790.D

Acq: 01 Nov 2021 14:23

Tgt Ion: 164 Resp: 486112

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.2 | 81.1  | 121.7 |
| 160 | 45.1  | 36.0  | 54.0  |

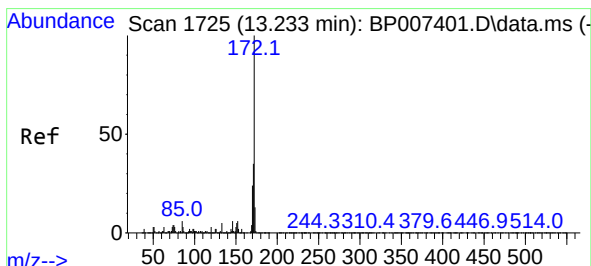
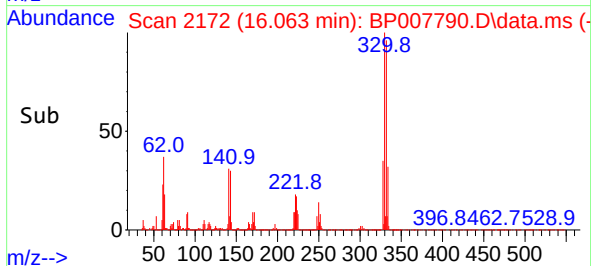
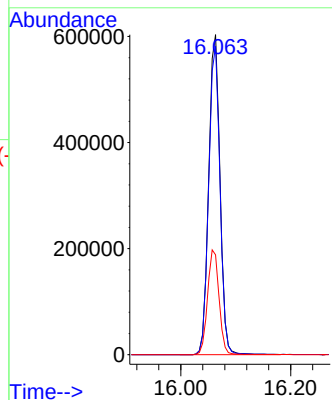
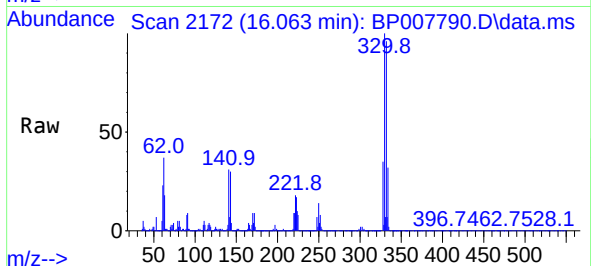




#42  
2,4,6-Tribromophenol  
Concen: 170.227 ng  
RT: 16.063 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

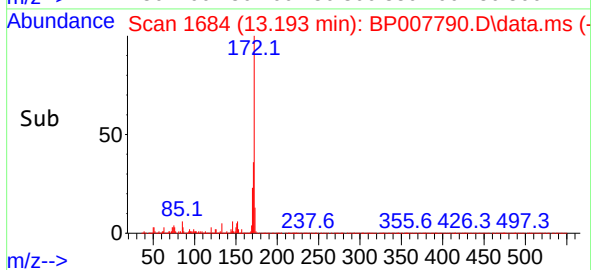
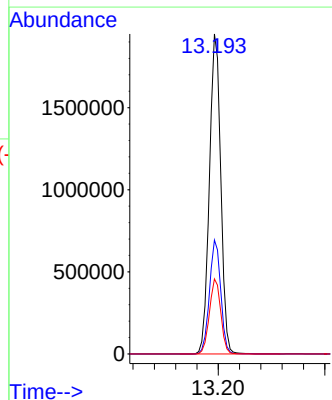
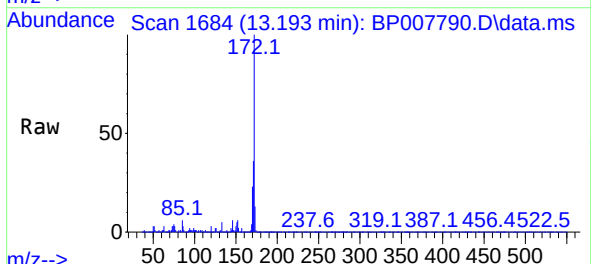
Instrument :  
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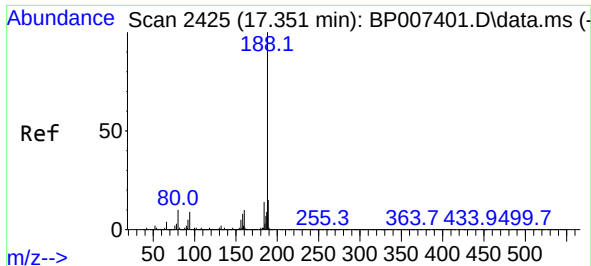
Tgt Ion:330 Resp: 858928  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.9 118.3  
141 33.3 30.7 46.1



#45  
2-Fluorobiphenyl  
Concen: 90.841 ng  
RT: 13.193 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

Tgt Ion:172 Resp: 2889009  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.4 19.0 28.4

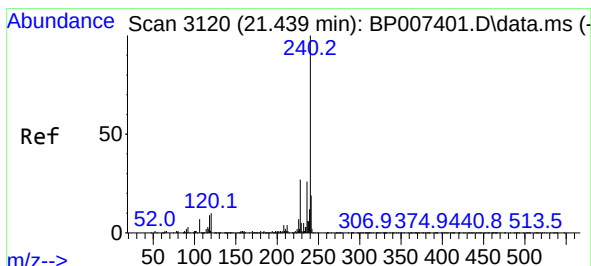
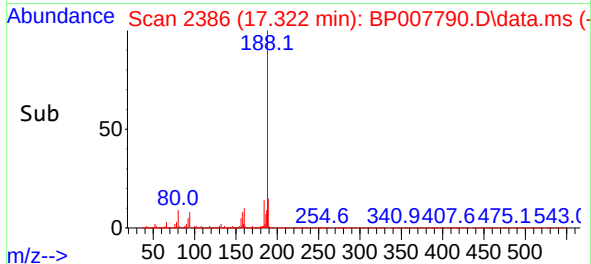
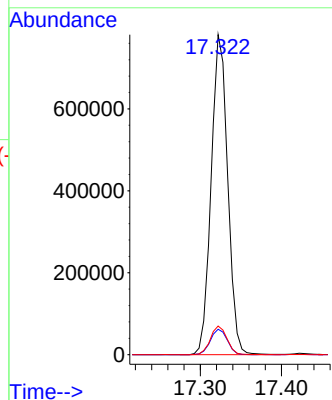
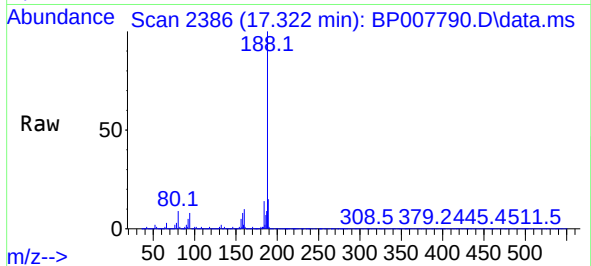




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

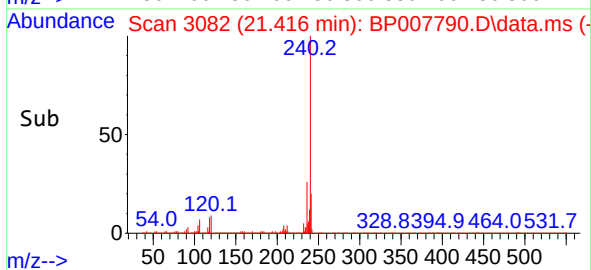
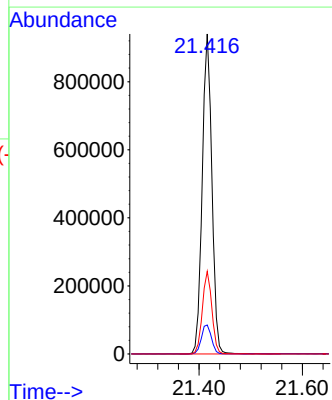
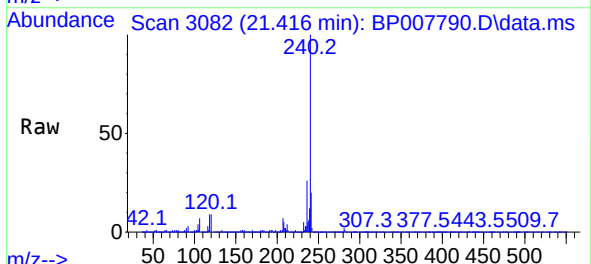
Instrument :  
BNA\_P  
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PB140274BL

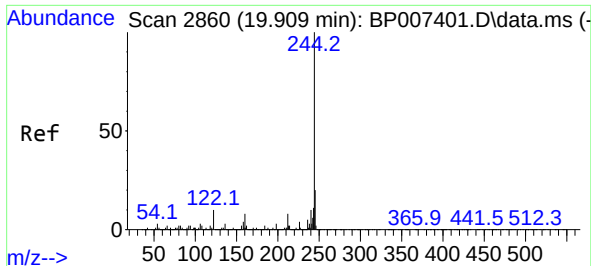
Tgt Ion:188 Resp: 1103067  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.1 10.7  
80 9.0 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.416 min Scan# 3082  
Delta R.T. -0.006 min  
Lab File: BP007790.D  
Acq: 01 Nov 2021 14:23

Tgt Ion:240 Resp: 1218576  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.8 11.8  
236 25.8 20.6 30.8

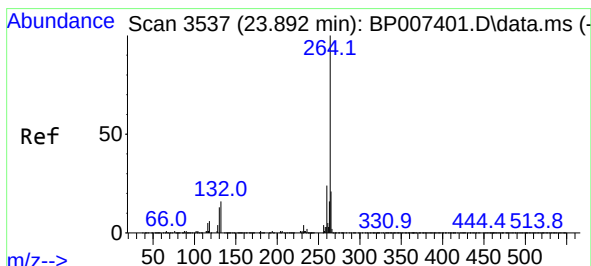
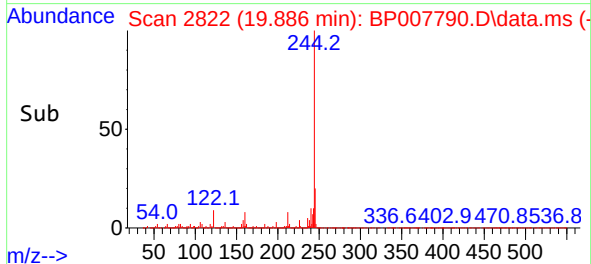
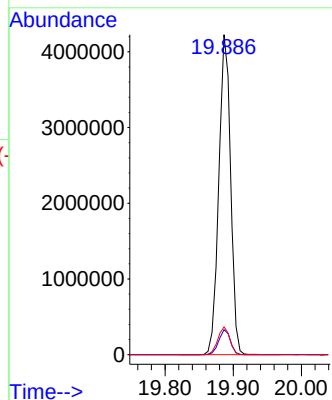
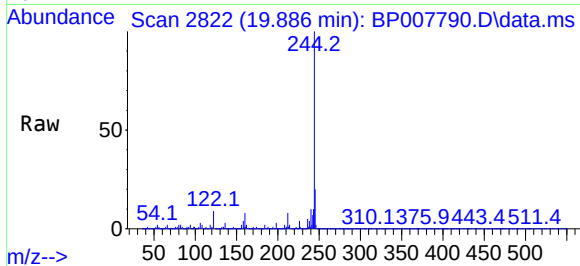




#79  
 Terphenyl-d14  
 Concen: 84.432 ng  
 RT: 19.886 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP007790.D  
 Acq: 01 Nov 2021 14:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140274BL

Tgt Ion:244 Resp: 5079830  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 8.6 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.863 min Scan# 3498  
 Delta R.T. -0.006 min  
 Lab File: BP007790.D  
 Acq: 01 Nov 2021 14:23

Tgt Ion:264 Resp: 1238218  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.1 28.7  
 265 21.6 16.7 25.1

