

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110921\  
 Data File : BP007893.D  
 Acq On : 09 Nov 2021 16:08  
 Operator : CG/JU  
 Sample : PB140580BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140580BL

Quant Time: Nov 09 16:57:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 09 10:45:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 97296    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 401753   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.498 | 164  | 329730   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.257 | 188  | 875677   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.345 | 240  | 1166759  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.763 | 264  | 1292442  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.452  | 112  | 851186   | 148.367 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 1107332  | 133.354 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 608924   | 81.418  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.992 | 330  | 722864   | 153.614 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.128 | 172  | 1768627  | 78.113  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.822 | 244  | 4423043  | 77.193  | ng    | 0.00     |

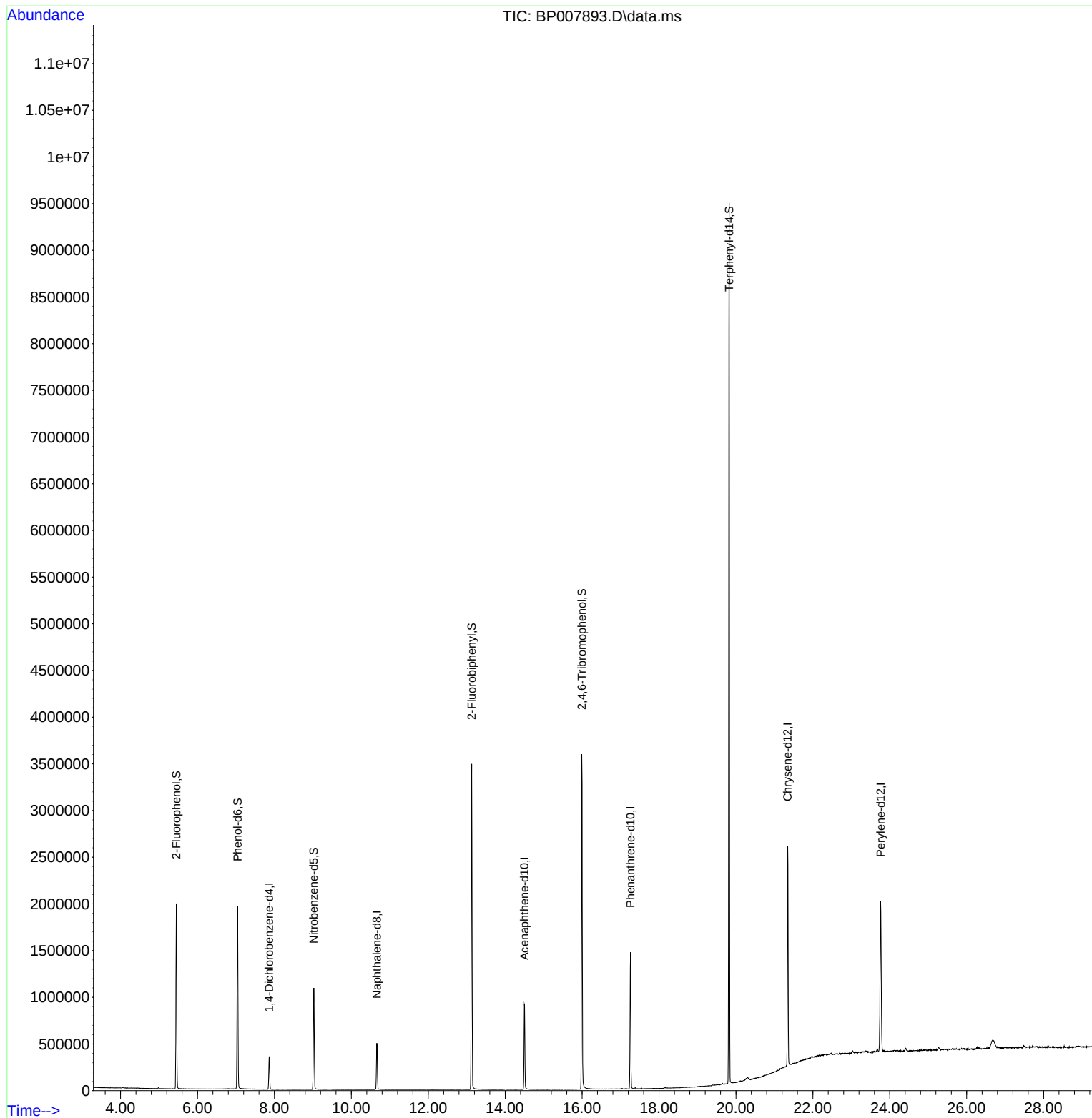
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

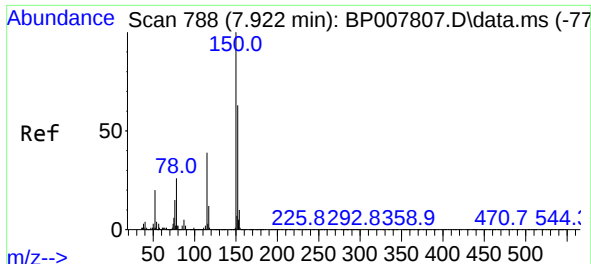
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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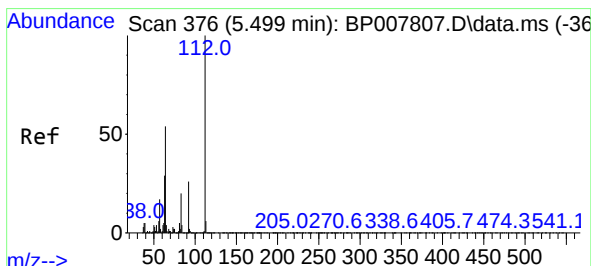
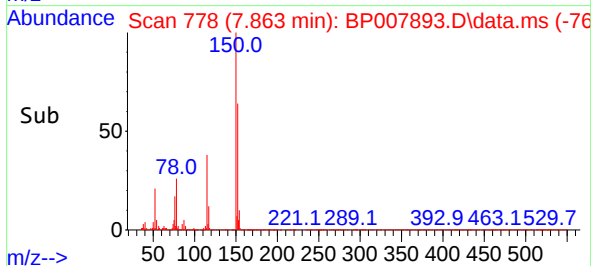
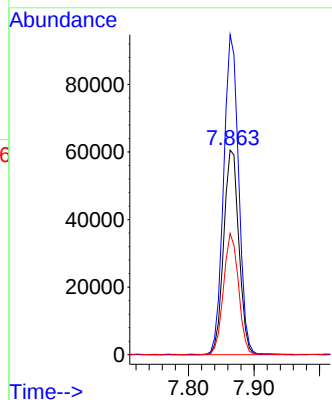
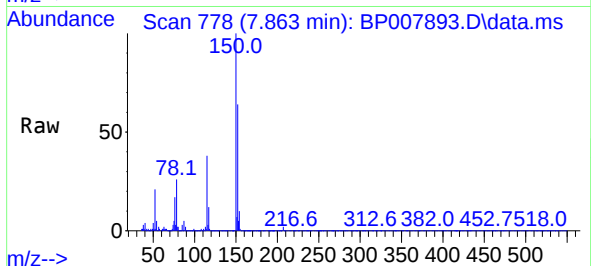




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

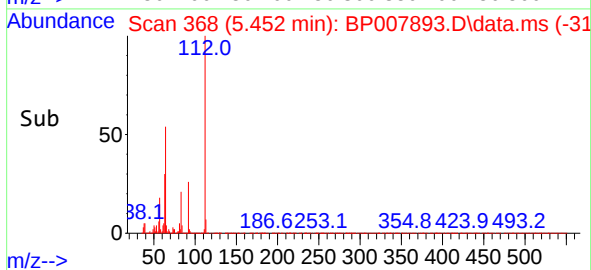
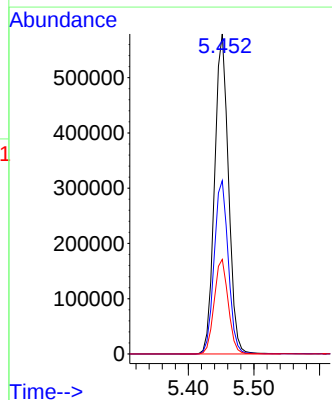
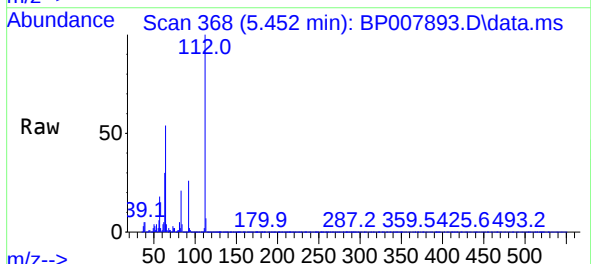
Instrument :  
BNA\_P  
ClientSampleId :  
PB140580BL

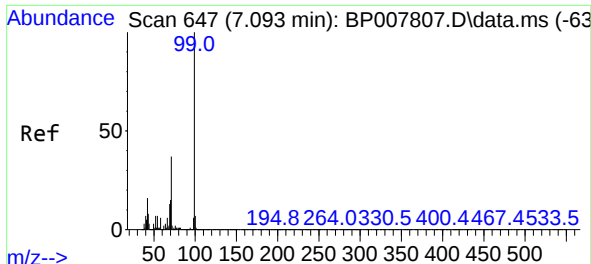
Tgt Ion:152 Resp: 97296  
Ion Ratio Lower Upper  
152 100  
150 156.4 124.1 186.1  
115 59.3 48.1 72.1



#5  
2-Fluorophenol  
Concen: 148.367 ng  
RT: 5.452 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Tgt Ion:112 Resp: 851186  
Ion Ratio Lower Upper  
112 100  
64 54.2 46.6 70.0  
63 29.6 25.0 37.6



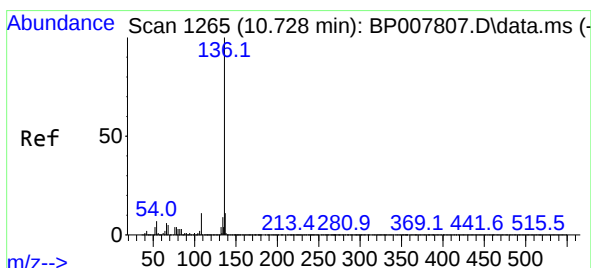
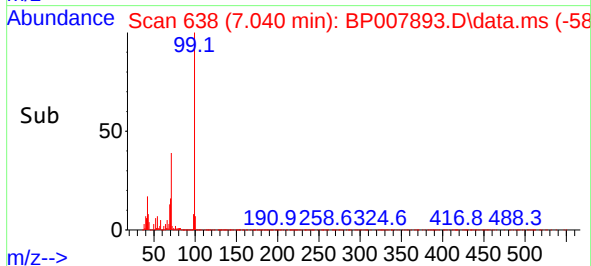
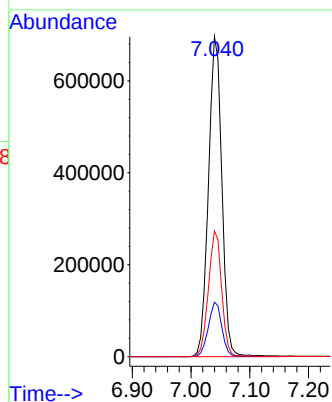
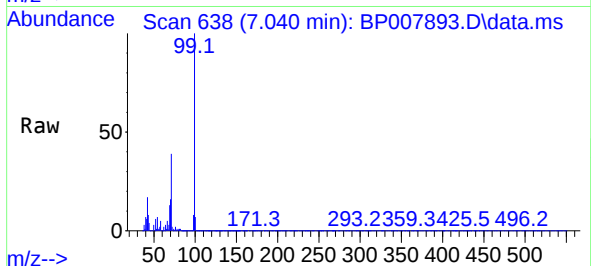


#7  
Phenol-d6  
Concen: 133.354 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB140580BL

Tgt Ion: 99 Resp: 1107332

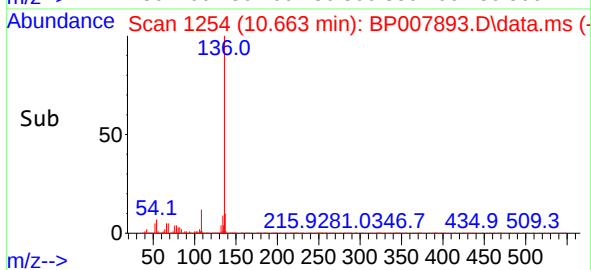
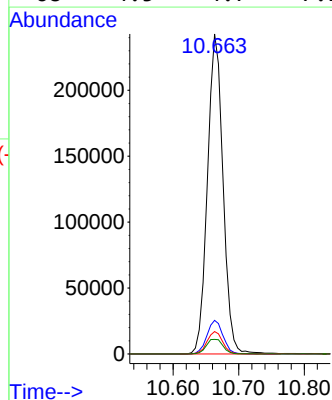
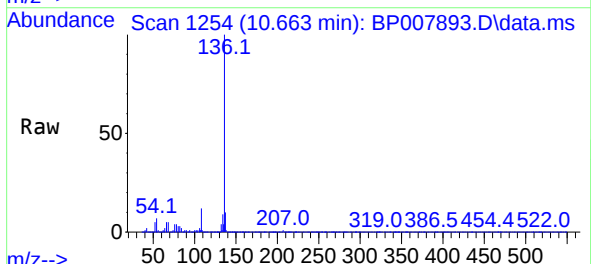
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.1  | 14.9  | 22.3  |
| 71  | 39.3  | 29.2  | 43.8  |

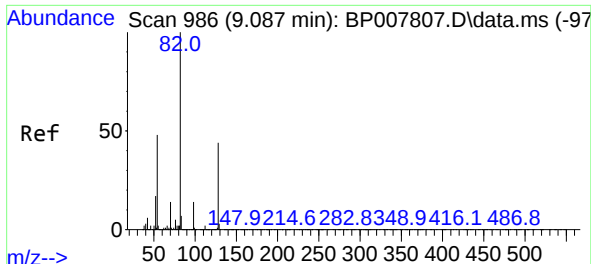


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1254  
Delta R.T. -0.000 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Tgt Ion: 136 Resp: 401753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.6   | 13.0  |
| 54  | 7.0   | 6.2   | 9.4   |
| 68  | 4.5   | 4.7   | 7.1   |

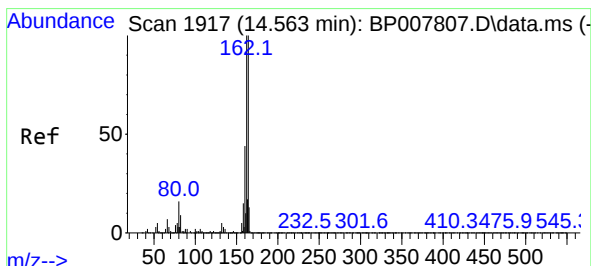
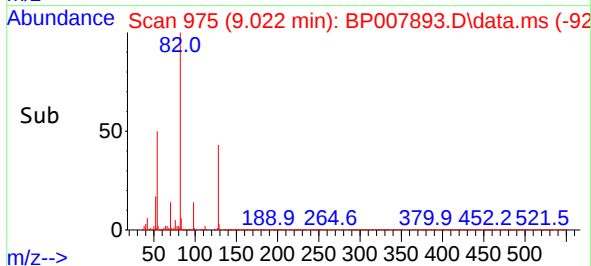
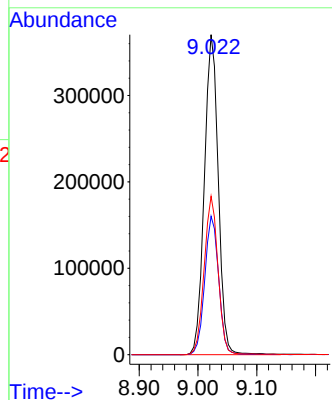
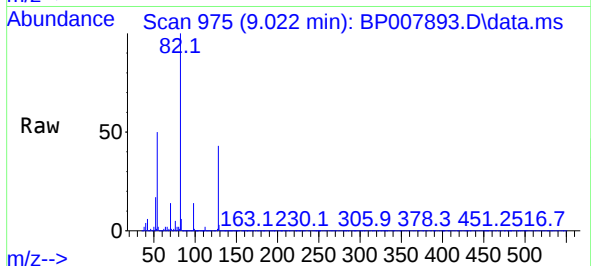




#23  
Nitrobenzene-d5  
Concen: 81.418 ng  
RT: 9.022 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

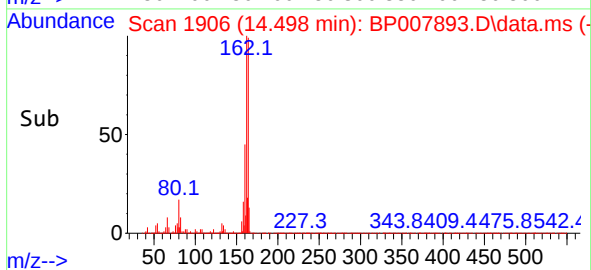
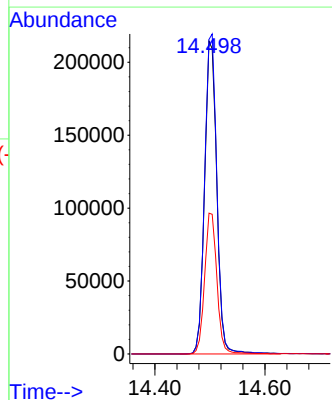
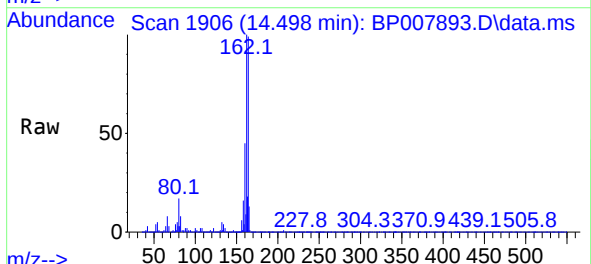
Instrument :  
BNA\_P  
ClientSampleId :  
PB140580BL

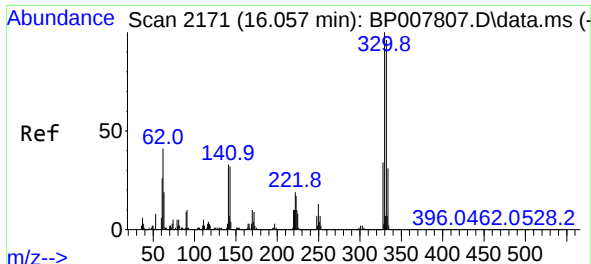
Tgt Ion: 82 Resp: 608924  
Ion Ratio Lower Upper  
82 100  
128 43.3 32.6 48.8  
54 49.5 40.4 60.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Tgt Ion: 164 Resp: 329730  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.1 121.7  
160 45.0 36.0 54.0

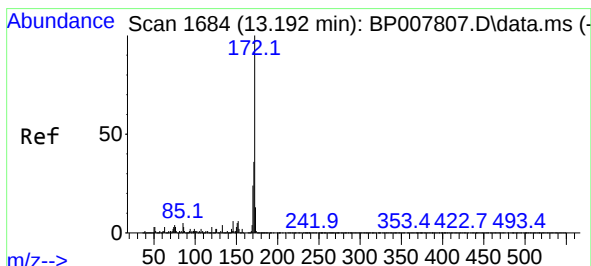
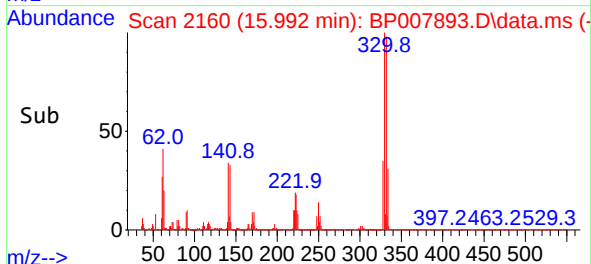
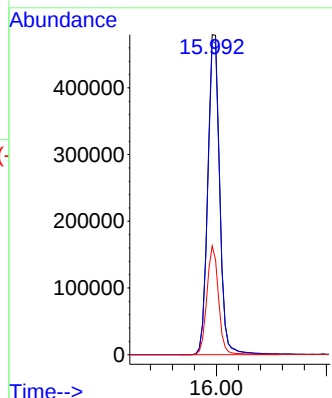
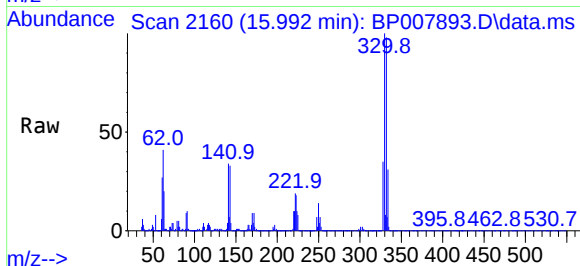




#42  
2,4,6-Tribromophenol  
Concen: 153.614 ng  
RT: 15.992 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

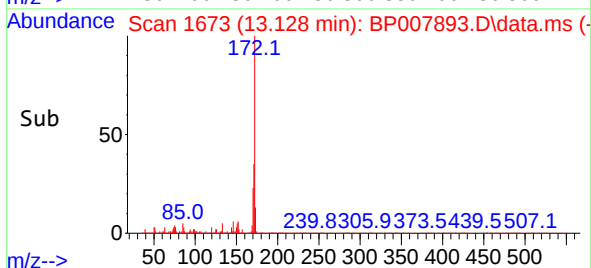
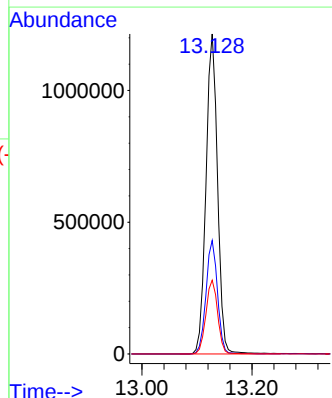
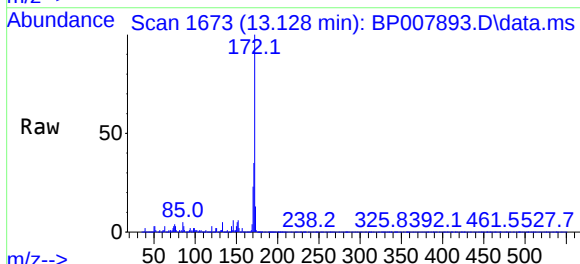
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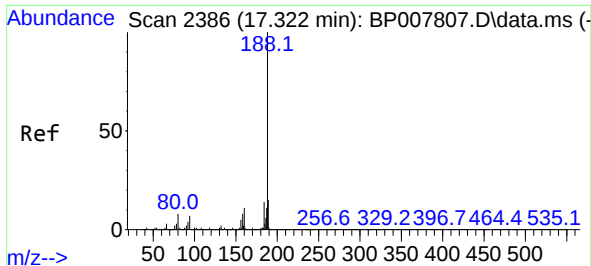
Tgt Ion:330 Resp: 722864  
Ion Ratio Lower Upper  
330 100  
332 98.1 78.9 118.3  
141 33.0 30.7 46.1



#45  
2-Fluorobiphenyl  
Concen: 78.113 ng  
RT: 13.128 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Tgt Ion:172 Resp: 1768627  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.2  
170 23.1 19.0 28.4

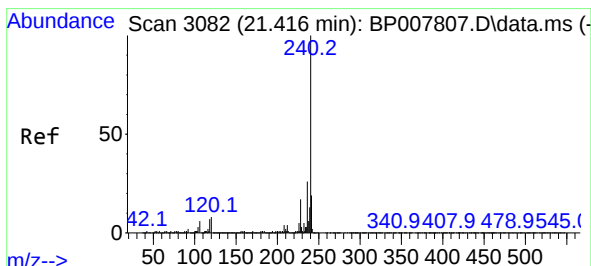
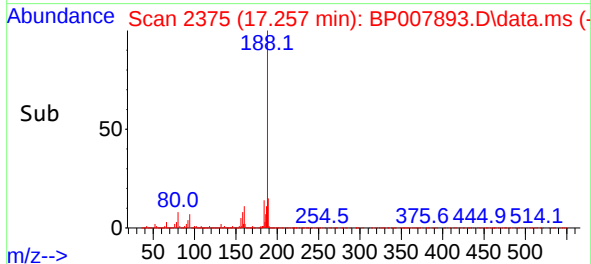
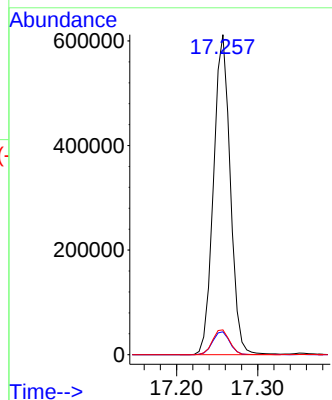
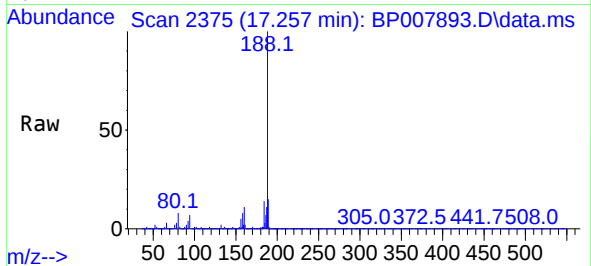




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

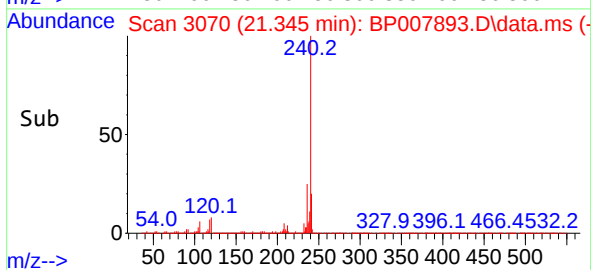
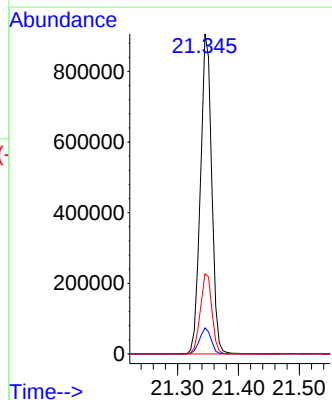
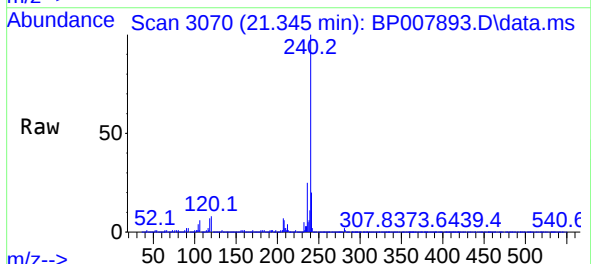
Instrument :  
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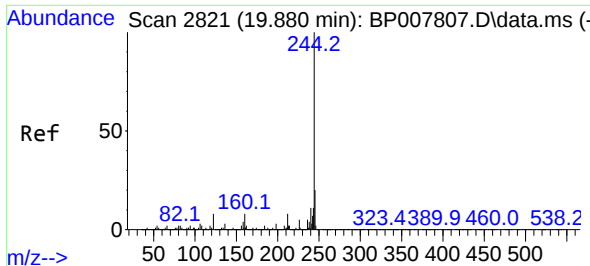
Tgt Ion:188 Resp: 875677  
Ion Ratio Lower Upper  
188 100  
94 7.1 7.1 10.7  
80 7.7 7.8 11.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.345 min Scan# 3070  
Delta R.T. -0.006 min  
Lab File: BP007893.D  
Acq: 09 Nov 2021 16:08

Tgt Ion:240 Resp: 1166759  
Ion Ratio Lower Upper  
240 100  
120 8.2 7.8 11.8  
236 25.1 20.6 30.8

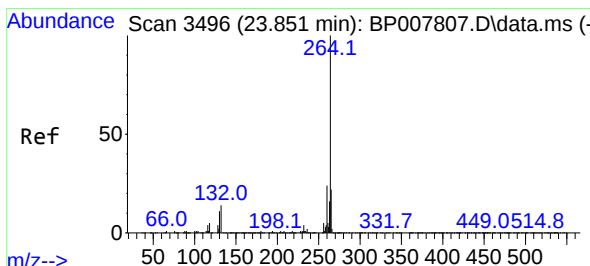
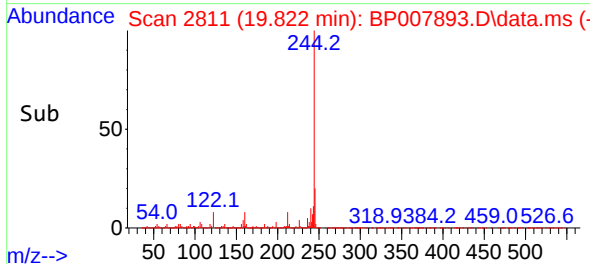
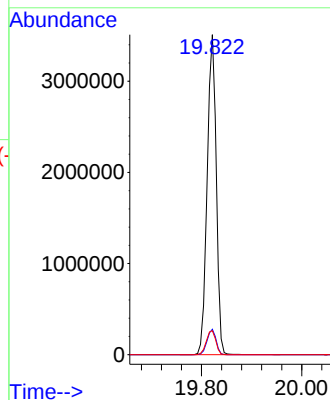
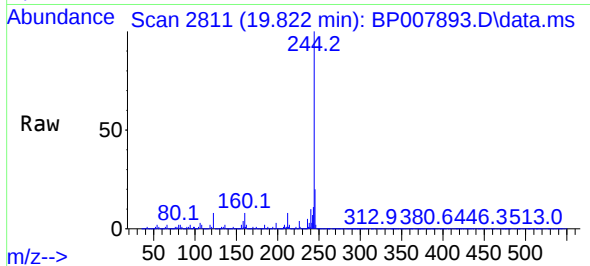




#79  
 Terphenyl-d14  
 Concen: 77.193 ng  
 RT: 19.822 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP007893.D  
 Acq: 09 Nov 2021 16:08

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140580BL

Tgt Ion:244 Resp: 4423043  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.2  
 122 7.5 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.763 min Scan# 3481  
 Delta R.T. -0.006 min  
 Lab File: BP007893.D  
 Acq: 09 Nov 2021 16:08

Tgt Ion:264 Resp: 1292442  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.1 28.7  
 265 21.6 16.7 25.1

