

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120221\  
 Data File : BP008196.D  
 Acq On : 02 Dec 2021 17:44  
 Operator : CG/JU  
 Sample : M4891-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MINEBROOK-2-COMP

Quant Time: Dec 03 03:36:37 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 01 12:06:05 2021  
 Response via : Initial Calibration

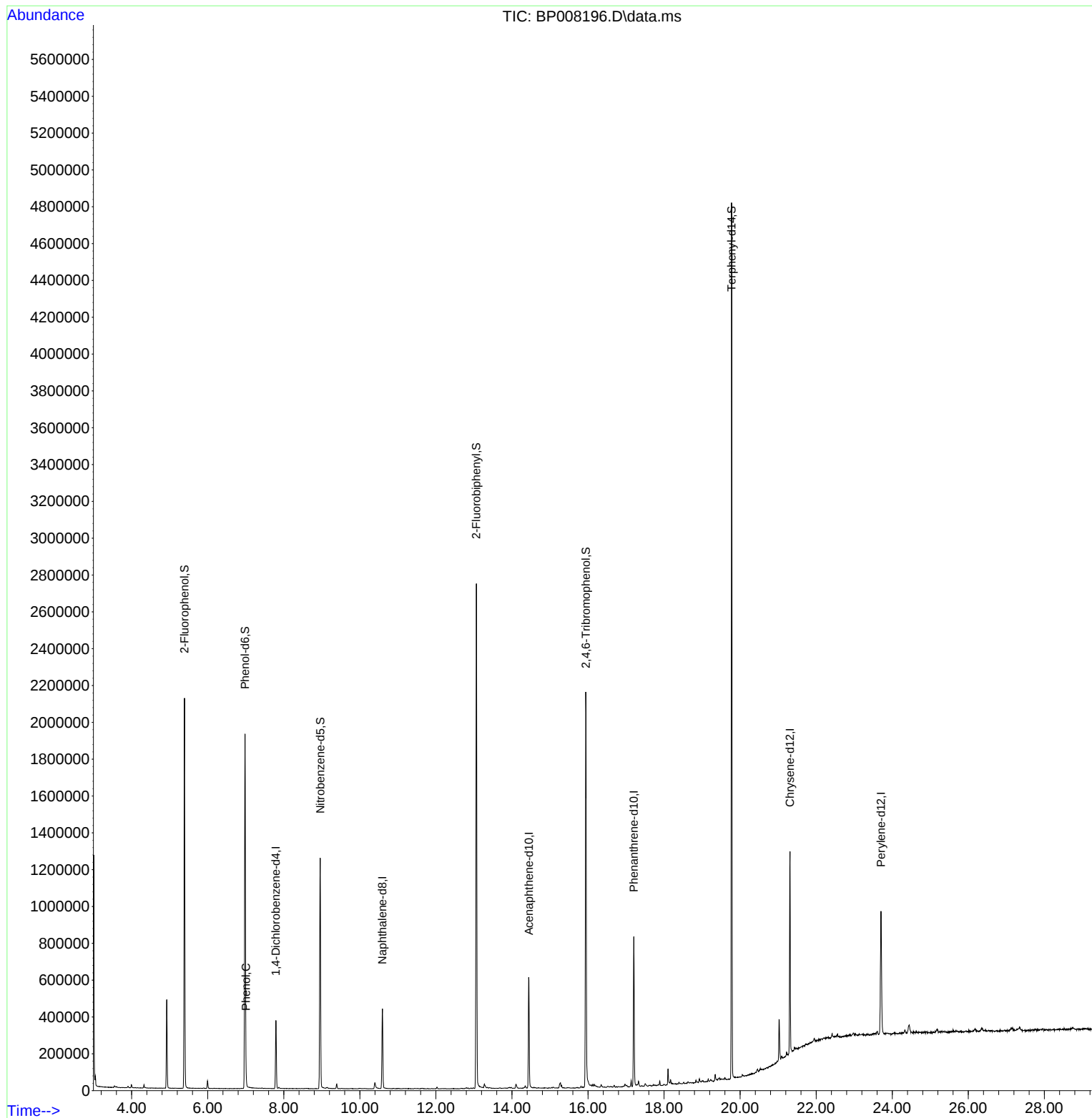
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.793  | 152  | 93354    | 20.000  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.593 | 136  | 343104   | 20.000  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.446 | 164  | 221266   | 20.000  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 493815   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.310 | 240  | 546705   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 23.704 | 264  | 548464   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.387  | 112  | 809115   | 139.550 | ng    | -0.02     |
| 7) Phenol-d6                | 6.981  | 99   | 1035536  | 132.304 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.958  | 82   | 726813   | 96.328  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.945 | 330  | 435203   | 153.882 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.063 | 172  | 1405864  | 92.290  | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.775 | 244  | 2281974  | 87.234  | ng    | -0.01     |
| Target Compounds            |        |      |          |         |       |           |
| 10) Phenol                  | 7.005  | 94   | 20098    | 2.499   | ng    | Qvalue 81 |
| -----                       |        |      |          |         |       |           |

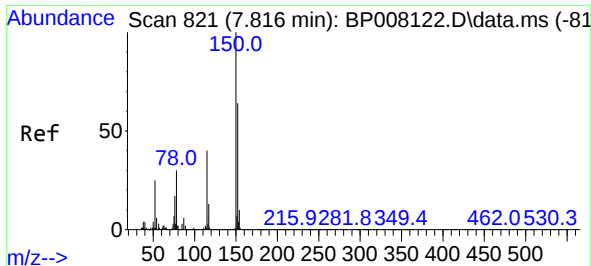
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MINEBROOK-2-COMP

Quant Time: Dec 03 03:36:37 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 01 12:06:05 2021  
Response via : Initial Calibration

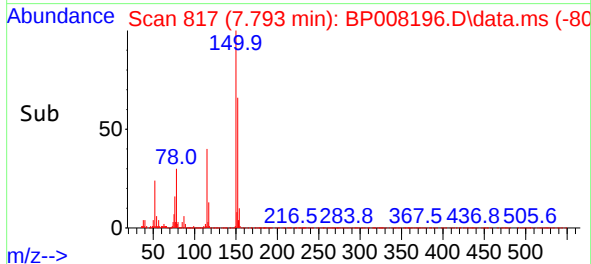
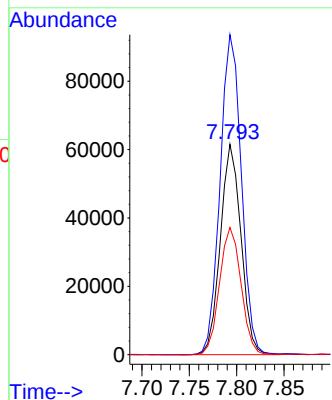
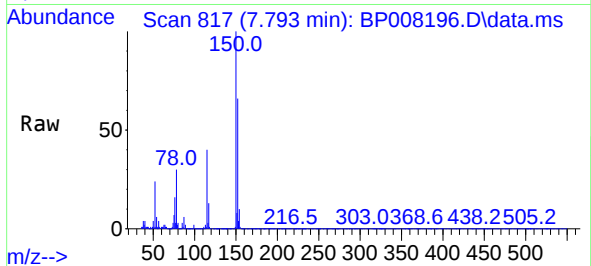




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.793 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

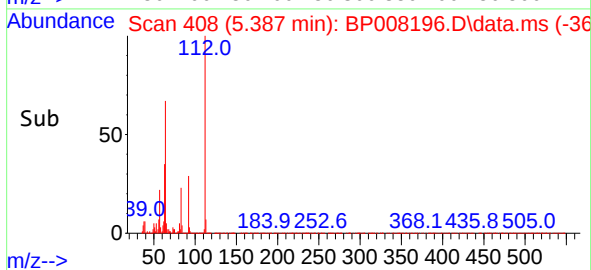
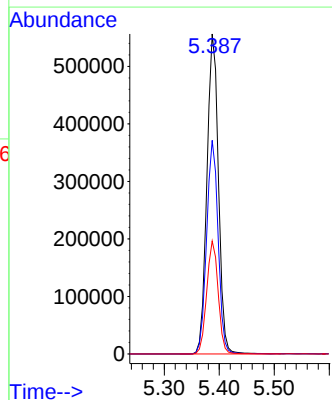
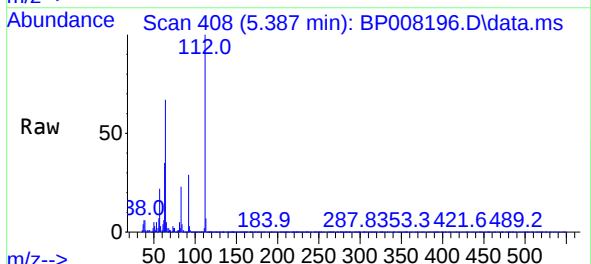
Instrument :  
BNA\_P  
ClientSampleId :  
MINEBROOK-2-COMP

Tgt Ion:152 Resp: 93354  
Ion Ratio Lower Upper  
152 100  
150 152.1 125.7 188.5  
115 60.4 50.7 76.1



#5  
2-Fluorophenol  
Concen: 139.550 ng  
RT: 5.387 min Scan# 408  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Tgt Ion:112 Resp: 809115  
Ion Ratio Lower Upper  
112 100  
64 66.7 53.4 80.2  
63 35.3 27.8 41.8

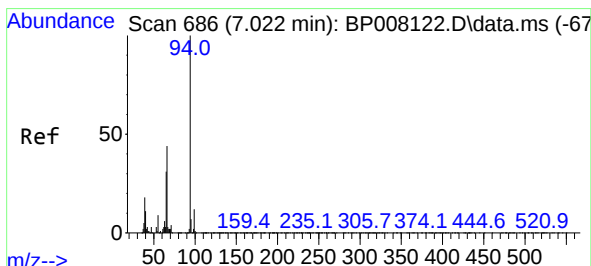
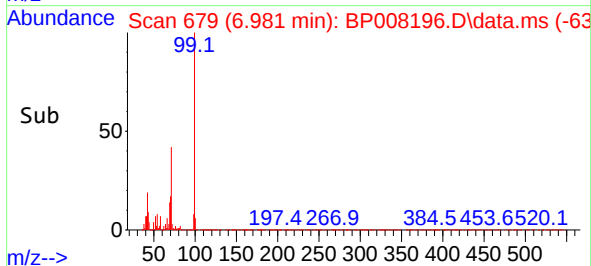
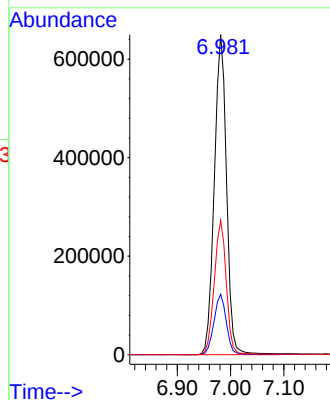
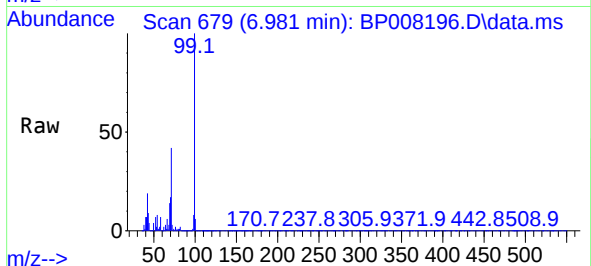




#7  
Phenol-d6  
Concen: 132.304 ng  
RT: 6.981 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

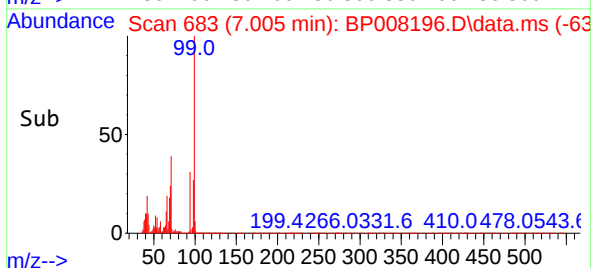
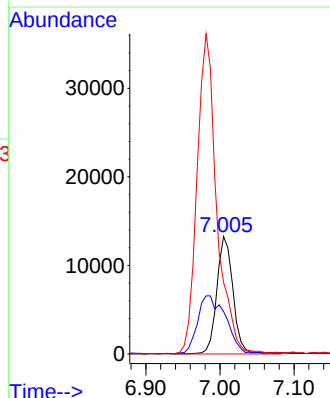
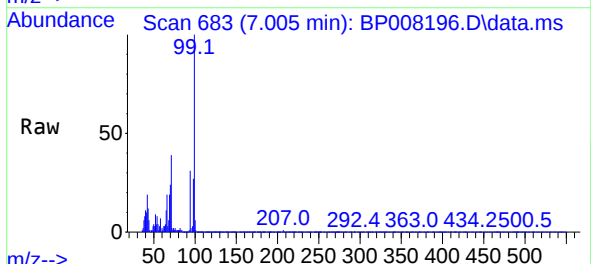
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ClientSampleId :  
MINEBROOK-2-COMP

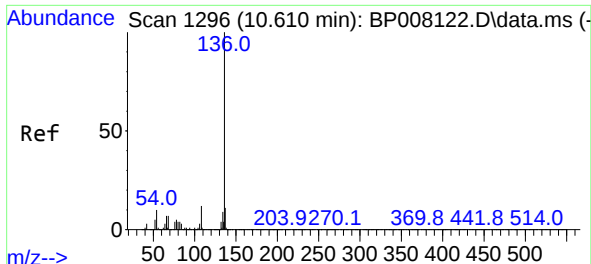
Tgt Ion: 99 Resp: 1035536  
Ion Ratio Lower Upper  
99 100  
42 18.9 14.6 22.0  
71 42.0 31.1 46.7



#10  
Phenol  
Concen: 2.499 ng  
RT: 7.005 min Scan# 683  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Tgt Ion: 94 Resp: 20098  
Ion Ratio Lower Upper  
94 100  
65 36.1 10.9 50.9  
66 61.0 24.3 64.3



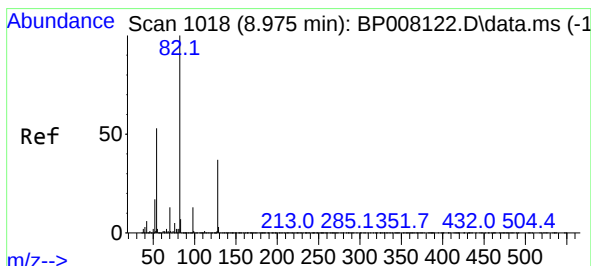
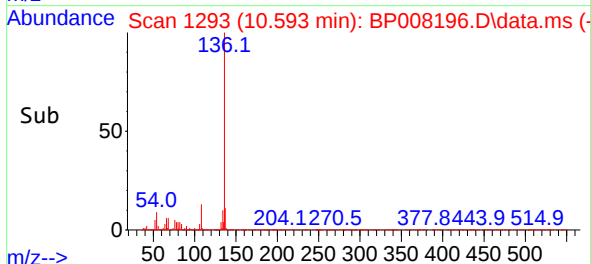
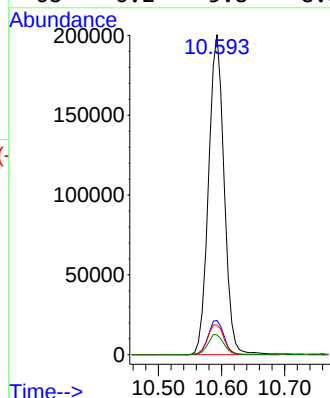
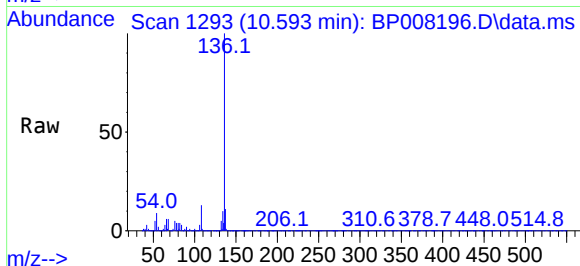


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.593 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Instrument :  
BNA\_P  
ClientSampleId :  
MINEBROOK-2-COMP

Tgt Ion: 136 Resp: 343104

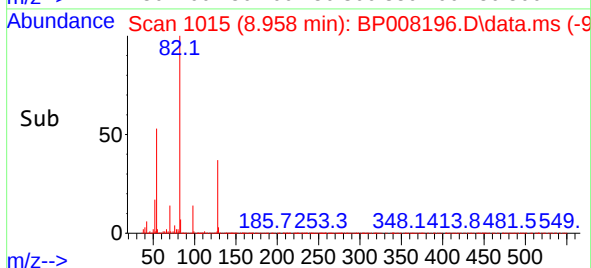
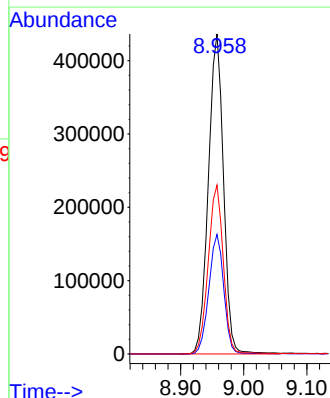
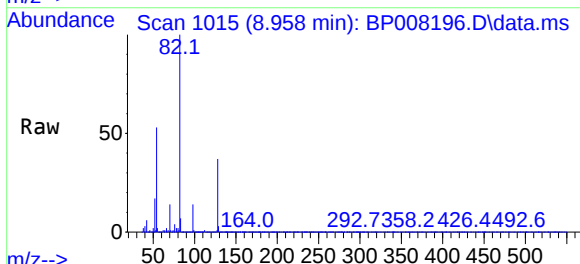
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.0   | 13.6  |
| 54  | 9.3   | 8.2   | 12.4  |
| 68  | 6.2   | 5.8   | 8.8   |

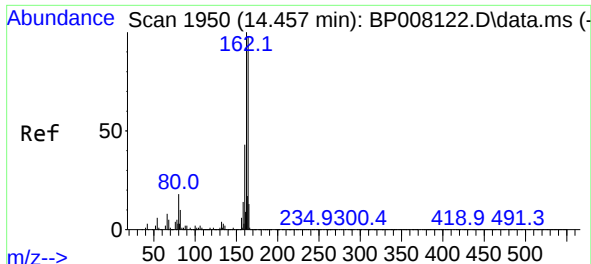


#23  
Nitrobenzene-d5  
Concen: 96.328 ng  
RT: 8.958 min Scan# 1015  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Tgt Ion: 82 Resp: 726813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.4  | 29.6  | 44.4  |
| 54  | 52.8  | 42.7  | 64.1  |

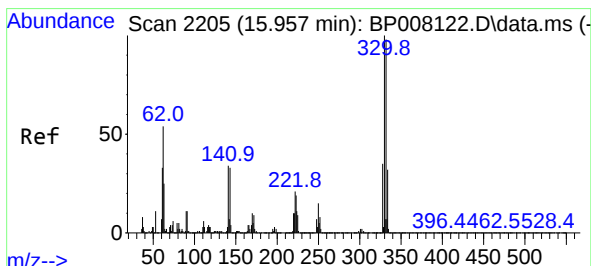
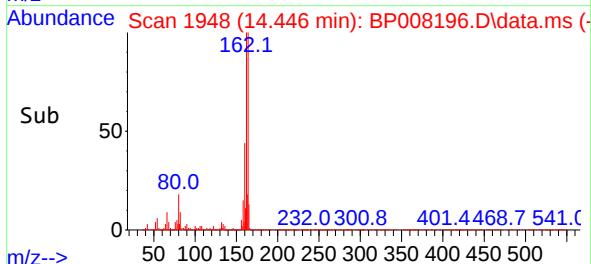
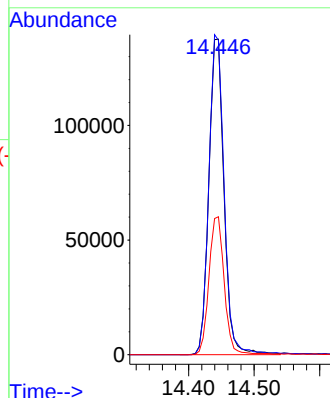
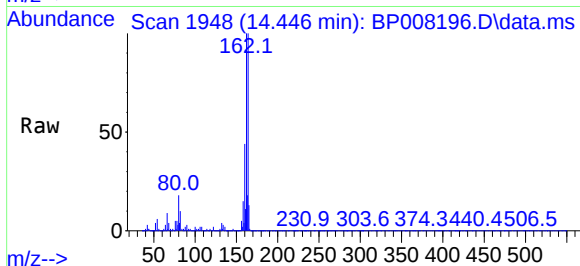




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.446 min Scan# 1950  
Delta R.T. -0.012 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

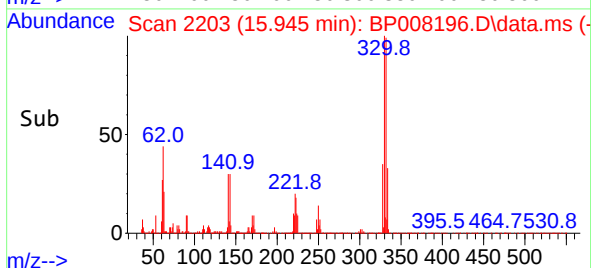
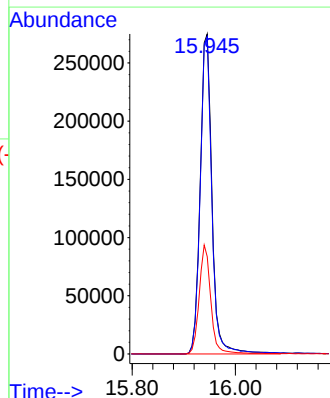
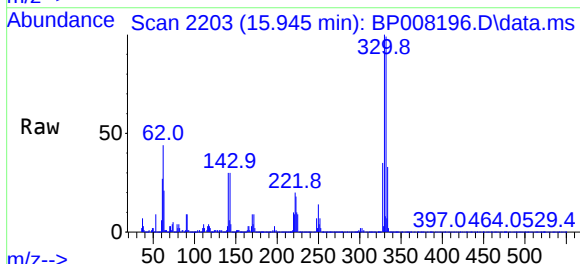
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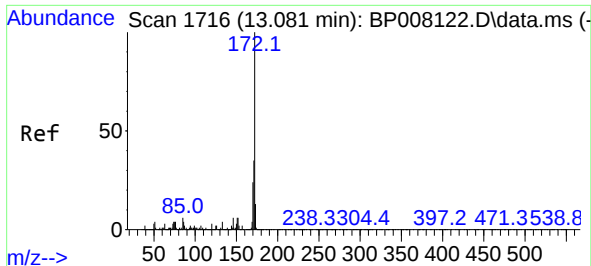
Tgt Ion:164 Resp: 221266  
Ion Ratio Lower Upper  
164 100  
162 99.7 81.9 122.9  
160 43.7 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 153.882 ng  
RT: 15.945 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Tgt Ion:330 Resp: 435203  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.0 115.4  
141 33.6 28.4 42.6

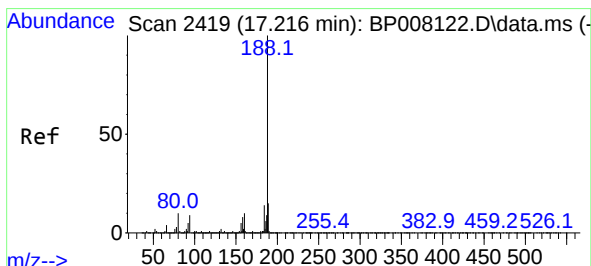
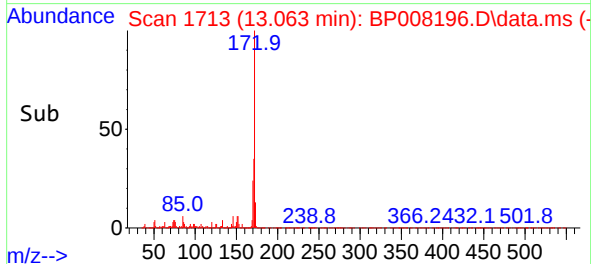
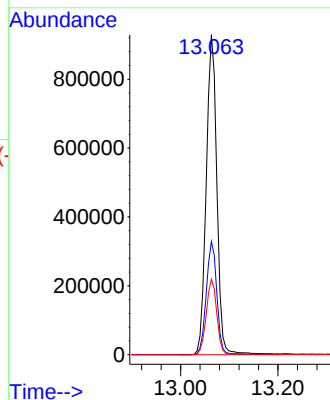
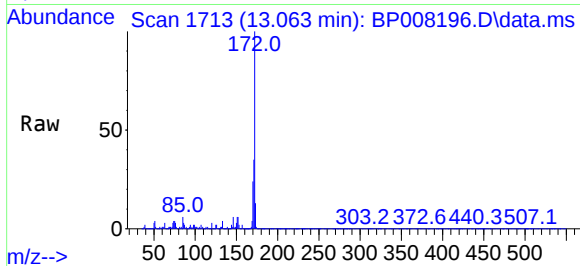




#45  
2-Fluorobiphenyl  
Concen: 92.290 ng  
RT: 13.063 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

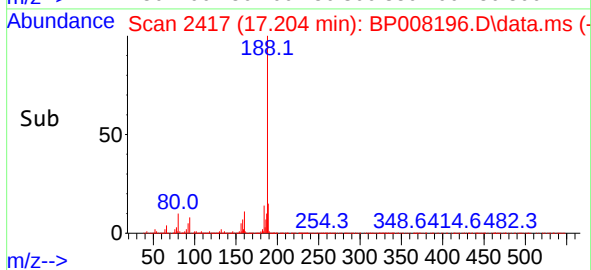
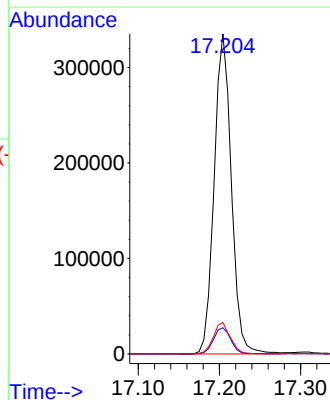
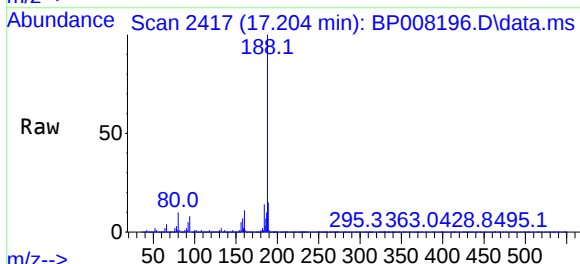
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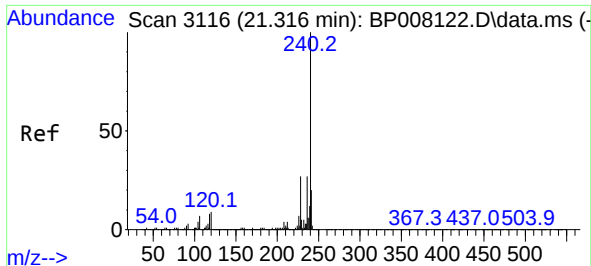
Tgt Ion:172 Resp: 1405864  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.0 42.0  
170 23.6 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. -0.012 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

Tgt Ion:188 Resp: 493815  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.2 10.8  
80 9.9 8.2 12.4

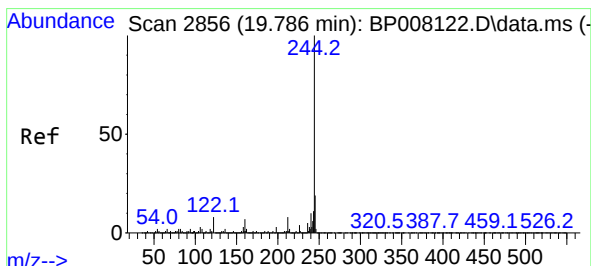
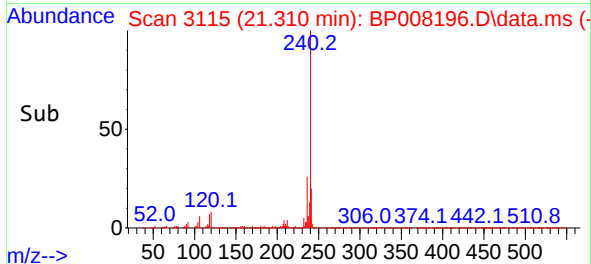
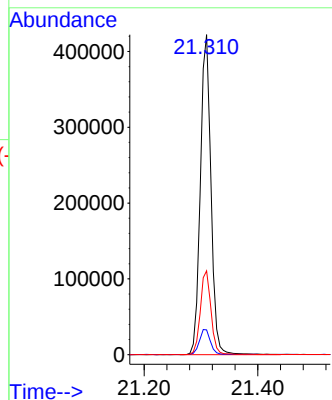
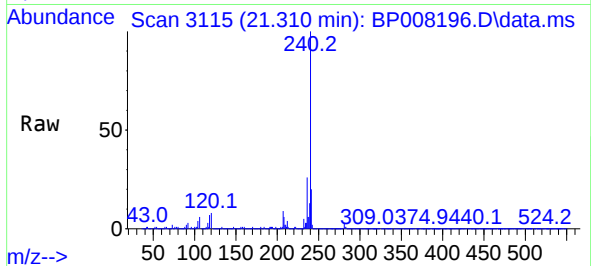




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

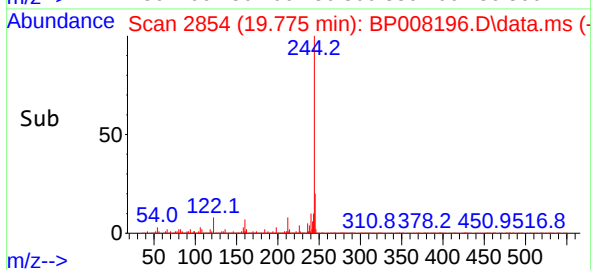
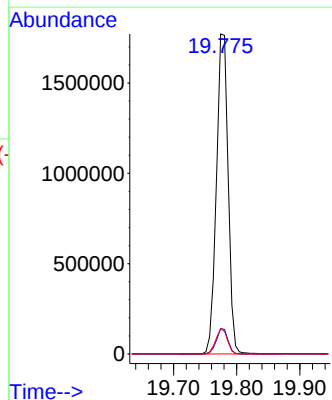
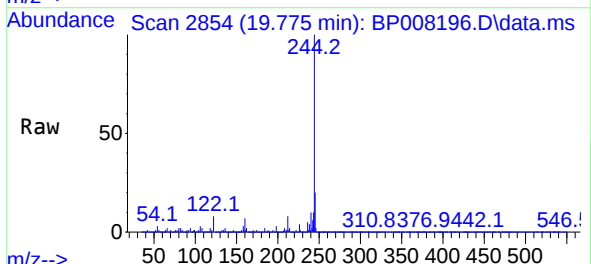
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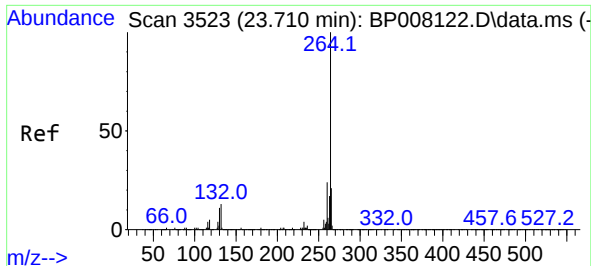
Tgt Ion:240 Resp: 546705  
Ion Ratio Lower Upper  
240 100  
120 7.7 7.3 10.9  
236 26.2 21.4 32.2



#79  
Terphenyl-d14  
Concen: 87.234 ng  
RT: 19.775 min Scan# 2854  
Delta R.T. -0.011 min  
Lab File: BP008196.D  
Acq: 02 Dec 2021 17:44

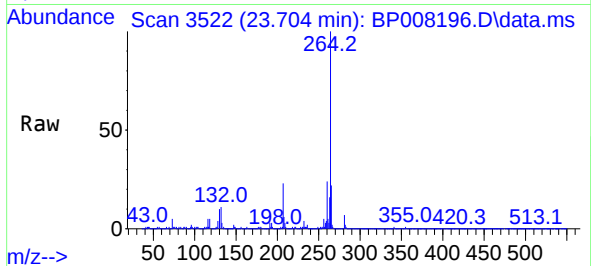
Tgt Ion:244 Resp: 2281974  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.0 9.0  
122 7.9 6.6 9.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.704 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BP008196.D  
 Acq: 02 Dec 2021 17:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Tgt Ion:264 Resp: 548464  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.4 29.2  
 265 21.7 17.6 26.4

