

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032222\  
 Data File : BM034324.D  
 Acq On : 22 Mar 2022 23:40  
 Operator : CG/JU  
 Sample : N1949-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CP-BH2-031422-2-4

Quant Time: Mar 23 05:08:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 02:38:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152  | 165492   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.748 | 136  | 650705   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.578 | 164  | 381477   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.319 | 188  | 731673   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.489 | 240  | 712642   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.900 | 264  | 790176   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.490  | 112  | 916118   | 99.309 | ng    | -0.01    |
| 7) Phenol-d6                | 7.096  | 99   | 1219251  | 92.312 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.101  | 82   | 794952   | 59.480 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.060 | 330  | 435063   | 84.613 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.207 | 172  | 1666686  | 59.702 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.936 | 244  | 2432051  | 59.300 | ng    | -0.01    |

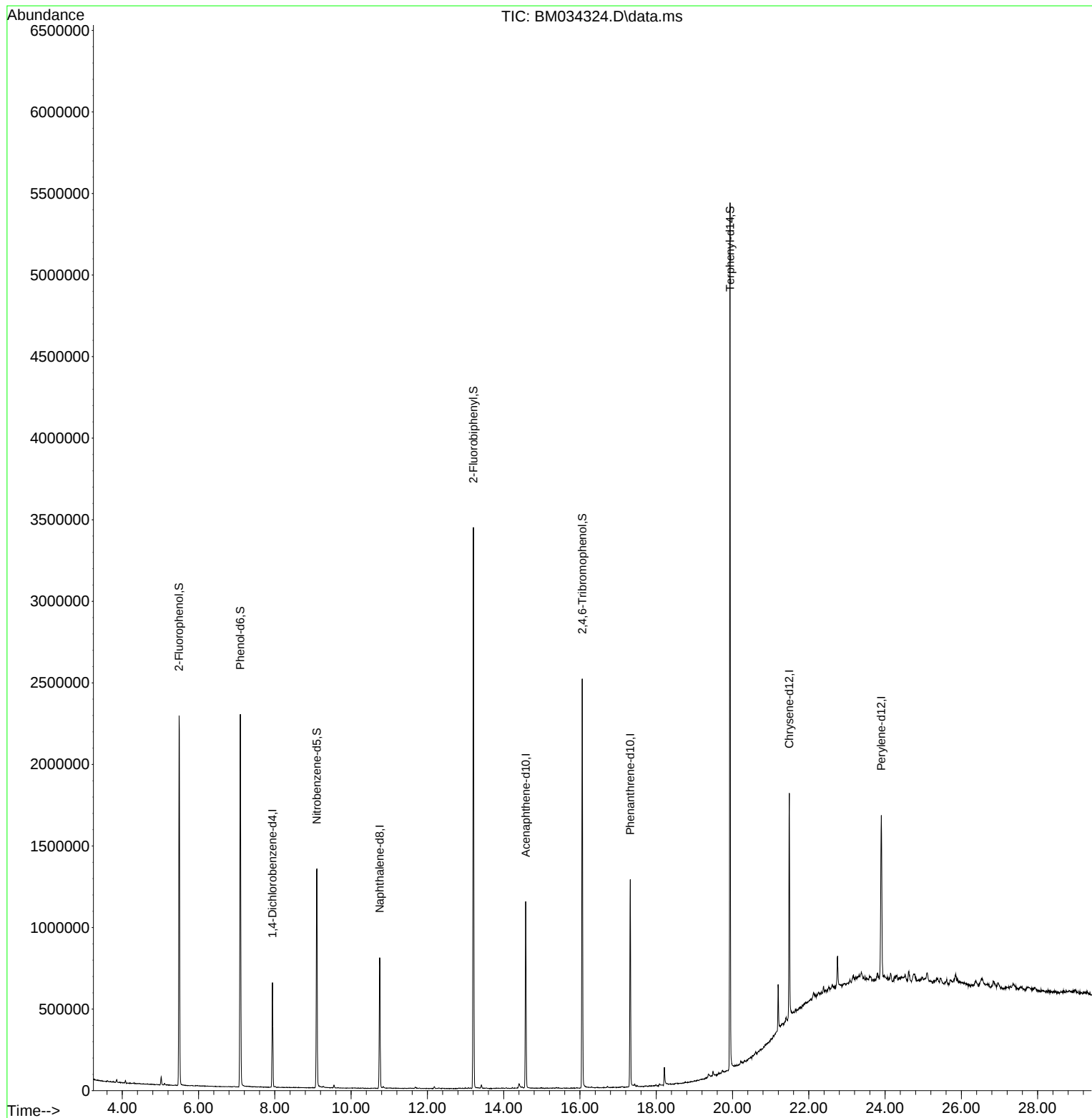
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

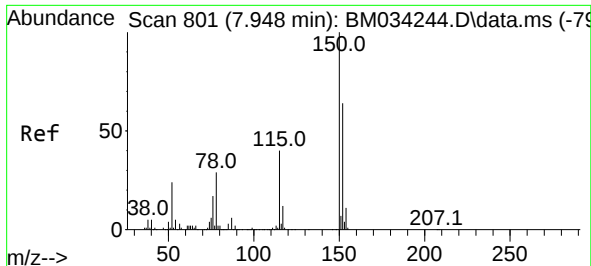
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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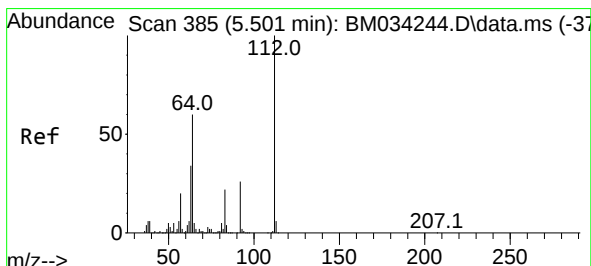
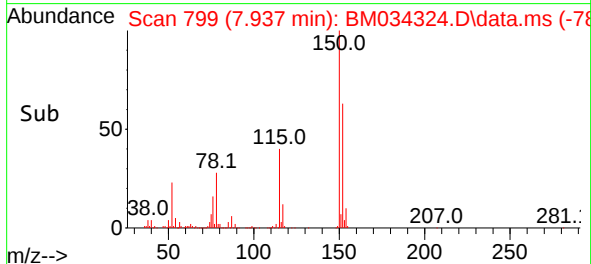
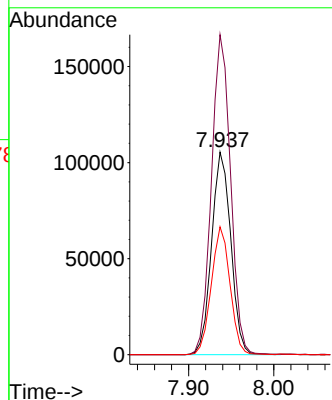
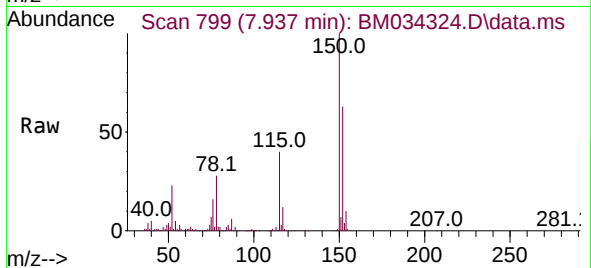




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.937 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BM034324.D  
 Acq: 22 Mar 2022 23:40

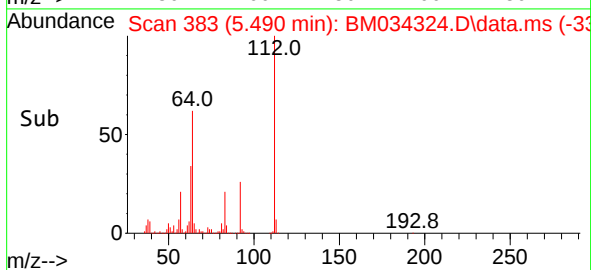
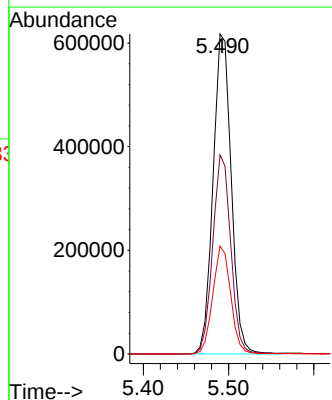
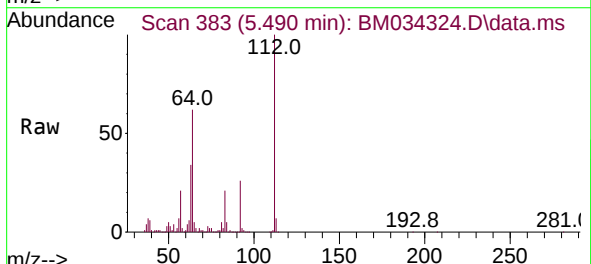
Instrument :  
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 ClientSampleId :  
 CP-BH2-031422-2-4

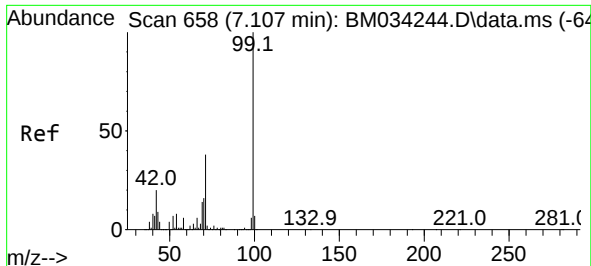
Tgt Ion:152 Resp: 165492  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 125.4 188.2  
 115 63.1 50.1 75.1



#5  
 2-Fluorophenol  
 Concen: 99.309 ng  
 RT: 5.490 min Scan# 383  
 Delta R.T. -0.011 min  
 Lab File: BM034324.D  
 Acq: 22 Mar 2022 23:40

Tgt Ion:112 Resp: 916118  
 Ion Ratio Lower Upper  
 112 100  
 64 62.2 47.9 71.9  
 63 33.7 27.1 40.7



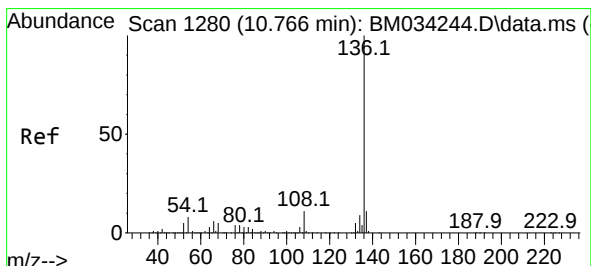
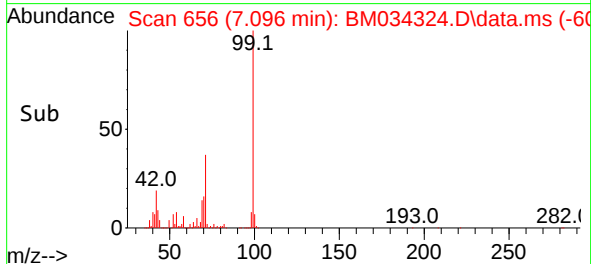
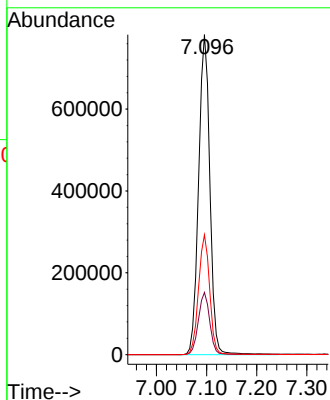
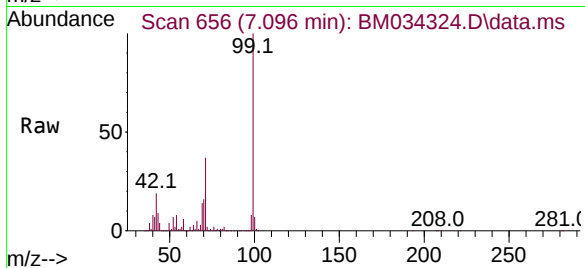


#7  
Phenol-d6  
Concen: 92.312 ng  
RT: 7.096 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

Instrument :  
BNA\_M  
ClientSampleId :  
CP-BH2-031422-2-4

Tgt Ion: 99 Resp: 1219251

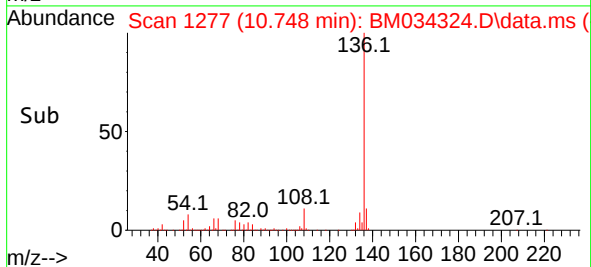
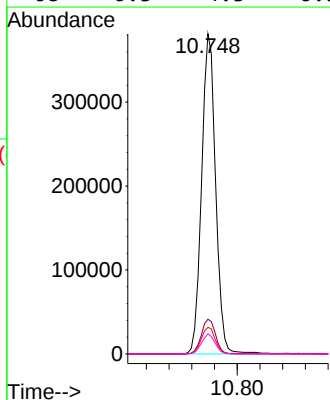
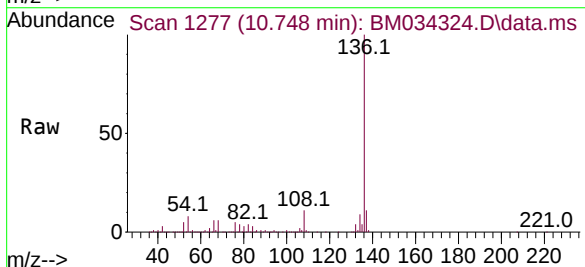
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.5  | 15.6  | 23.4  |
| 71  | 37.4  | 30.6  | 46.0  |

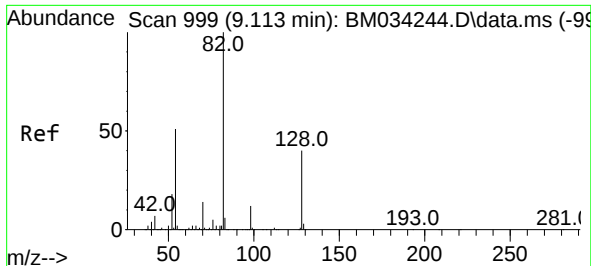


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.748 min Scan# 1277  
Delta R.T. -0.017 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

Tgt Ion: 136 Resp: 650705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 8.3   | 6.2   | 9.4   |
| 68  | 6.3   | 4.3   | 6.5   |

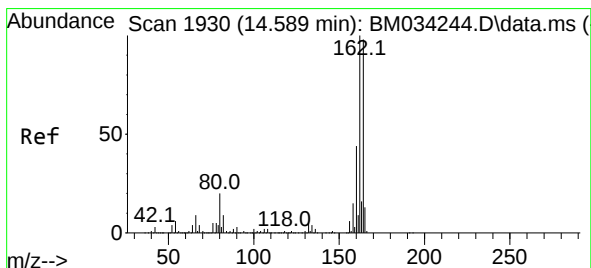
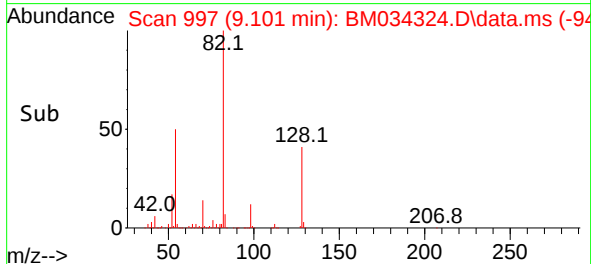
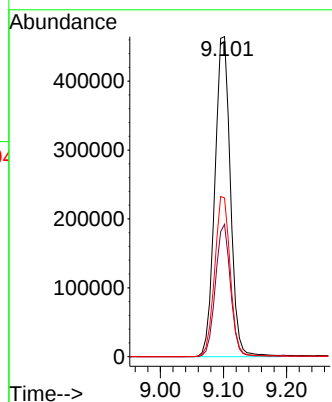
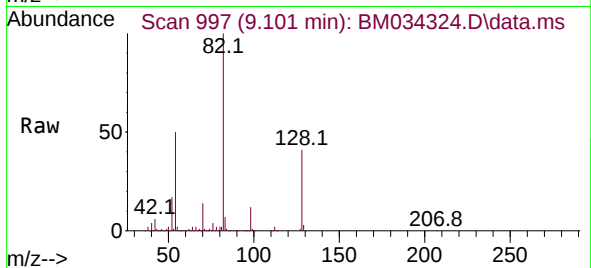




#23  
Nitrobenzene-d5  
Concen: 59.480 ng  
RT: 9.101 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

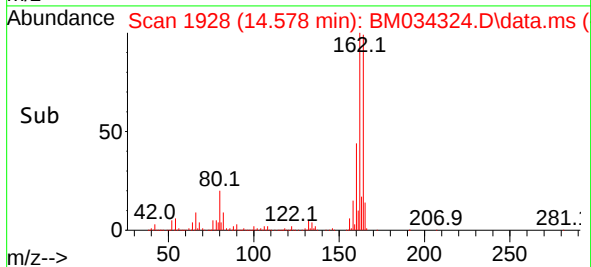
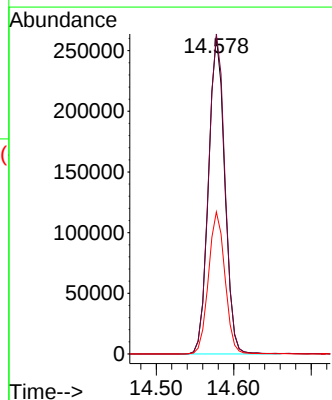
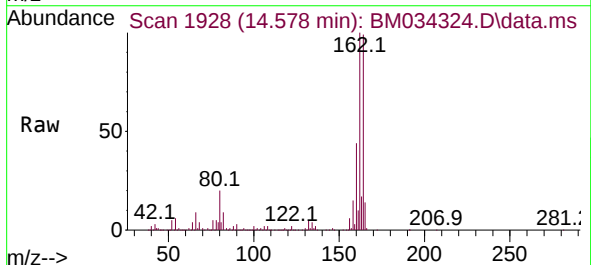
Instrument :  
BNA\_M  
ClientSampleId :  
CP-BH2-031422-2-4

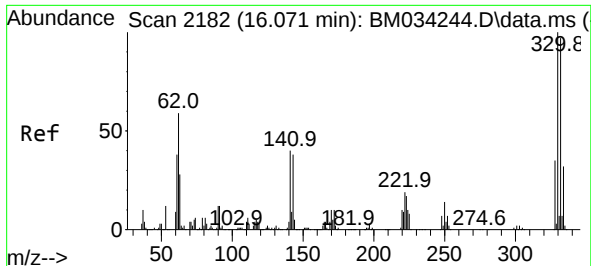
Tgt Ion: 82 Resp: 794952  
Ion Ratio Lower Upper  
82 100  
128 41.4 31.9 47.9  
54 49.6 40.6 61.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.578 min Scan# 1928  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

Tgt Ion: 164 Resp: 381477  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.6 122.4  
160 44.8 35.6 53.4

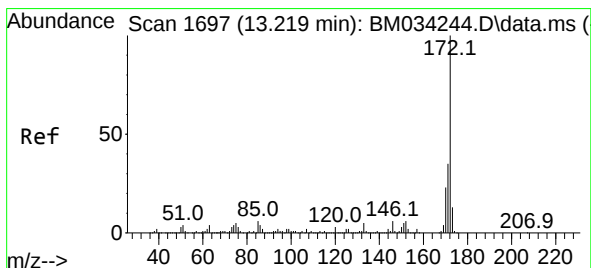
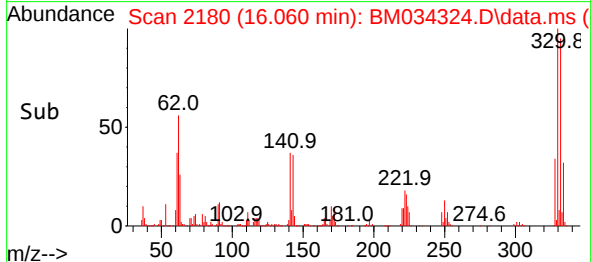
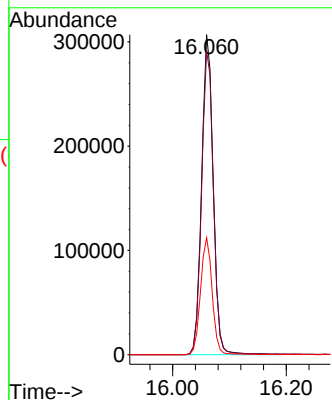
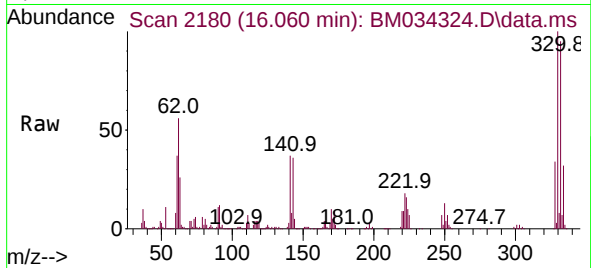




#42  
2,4,6-Tribromophenol  
Concen: 84.613 ng  
RT: 16.060 min Scan# 2182  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

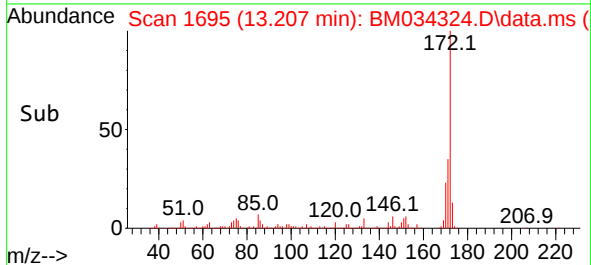
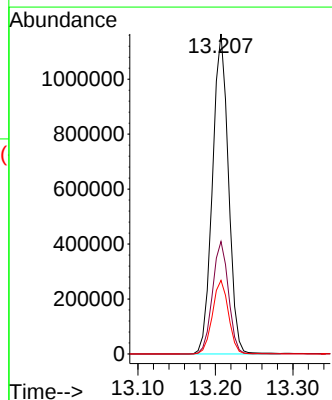
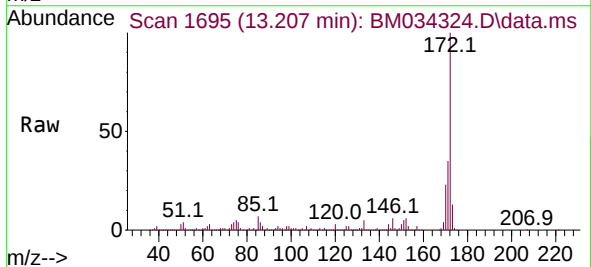
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CP-BH2-031422-2-4

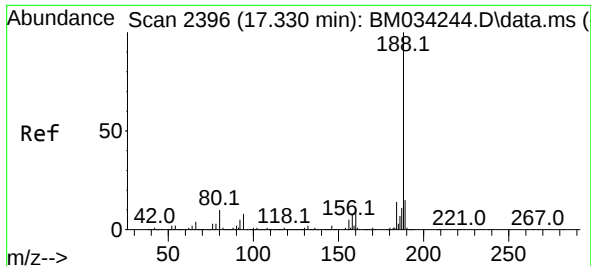
Tgt Ion:330 Resp: 435063  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.2 117.4  
141 36.8 30.6 45.8



#45  
2-Fluorobiphenyl  
Concen: 59.702 ng  
RT: 13.207 min Scan# 1695  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

Tgt Ion:172 Resp: 1666686  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 23.0 18.6 28.0

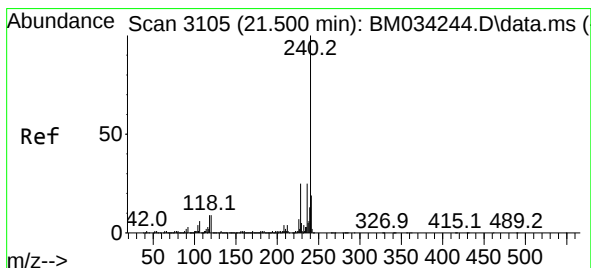
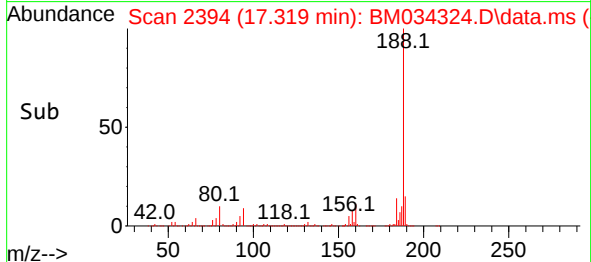
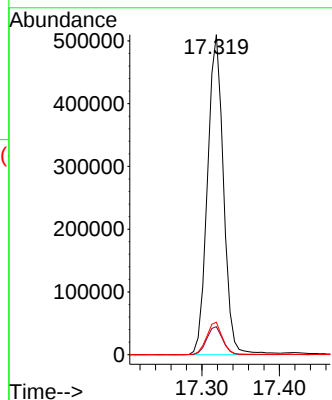
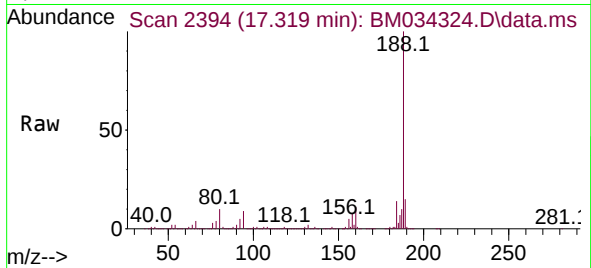




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.319 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

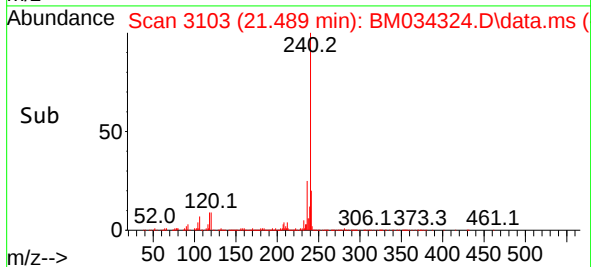
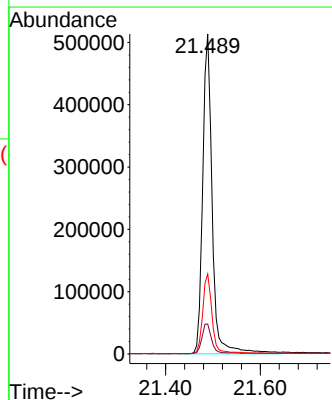
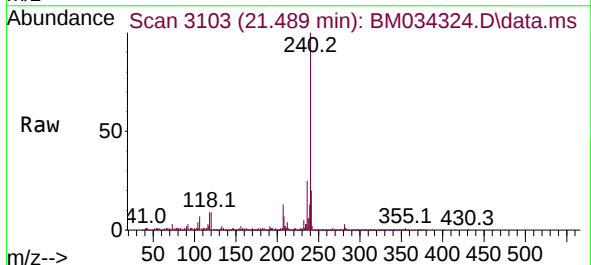
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BNA\_M  
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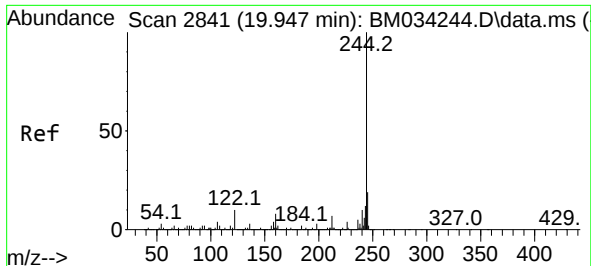
Tgt Ion:188 Resp: 731673  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.6 9.8  
80 10.1 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3103  
Delta R.T. -0.011 min  
Lab File: BM034324.D  
Acq: 22 Mar 2022 23:40

Tgt Ion:240 Resp: 712642  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.3 10.9  
236 25.0 20.2 30.2

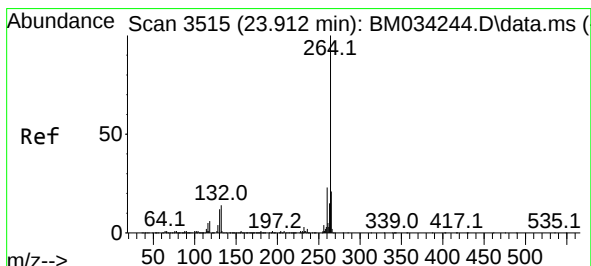
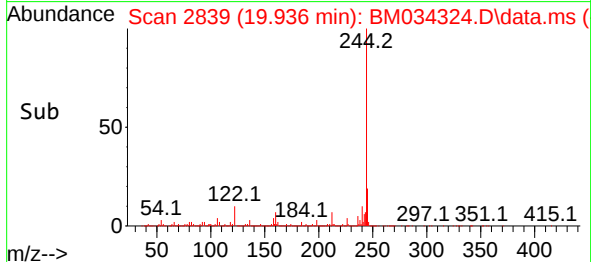
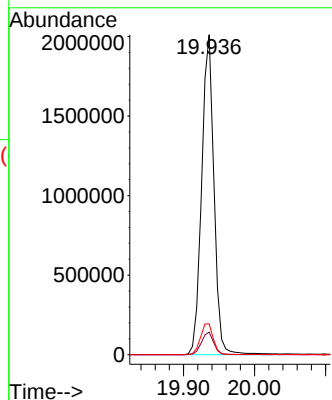
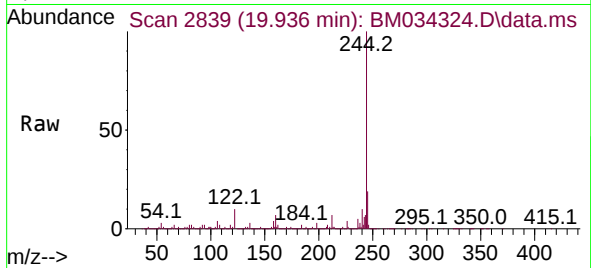




#79  
 Terphenyl-d14  
 Concen: 59.300 ng  
 RT: 19.936 min Scan# 21  
 Delta R.T. -0.011 min  
 Lab File: BM034324.D  
 Acq: 22 Mar 2022 23:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CP-BH2-031422-2-4

Tgt Ion:244 Resp: 2432051  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 9.6 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.900 min Scan# 3513  
 Delta R.T. -0.011 min  
 Lab File: BM034324.D  
 Acq: 22 Mar 2022 23:40

Tgt Ion:264 Resp: 790176  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.6 28.0  
 265 22.5 17.6 26.4

