

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032522\  
 Data File : BM034379.D  
 Acq On : 25 Mar 2022 10:40  
 Operator : CG/JU  
 Sample : PB143484BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB143484BL

Quant Time: Mar 26 05:38:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 24 02:40:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.942  | 152  | 193402   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.754 | 136  | 772548   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.583 | 164  | 494175   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.324 | 188  | 993629   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.494 | 240  | 847021   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.912 | 264  | 848493   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.495  | 112  | 1748754  | 162.211 | ng    | 0.00     |
| 7) Phenol-d6                | 7.107  | 99   | 2238354  | 145.013 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.107  | 82   | 1476070  | 93.023  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.071 | 330  | 946342   | 142.075 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.213 | 172  | 3303933  | 91.360  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.942 | 244  | 5029654  | 103.180 | ng    | 0.00     |

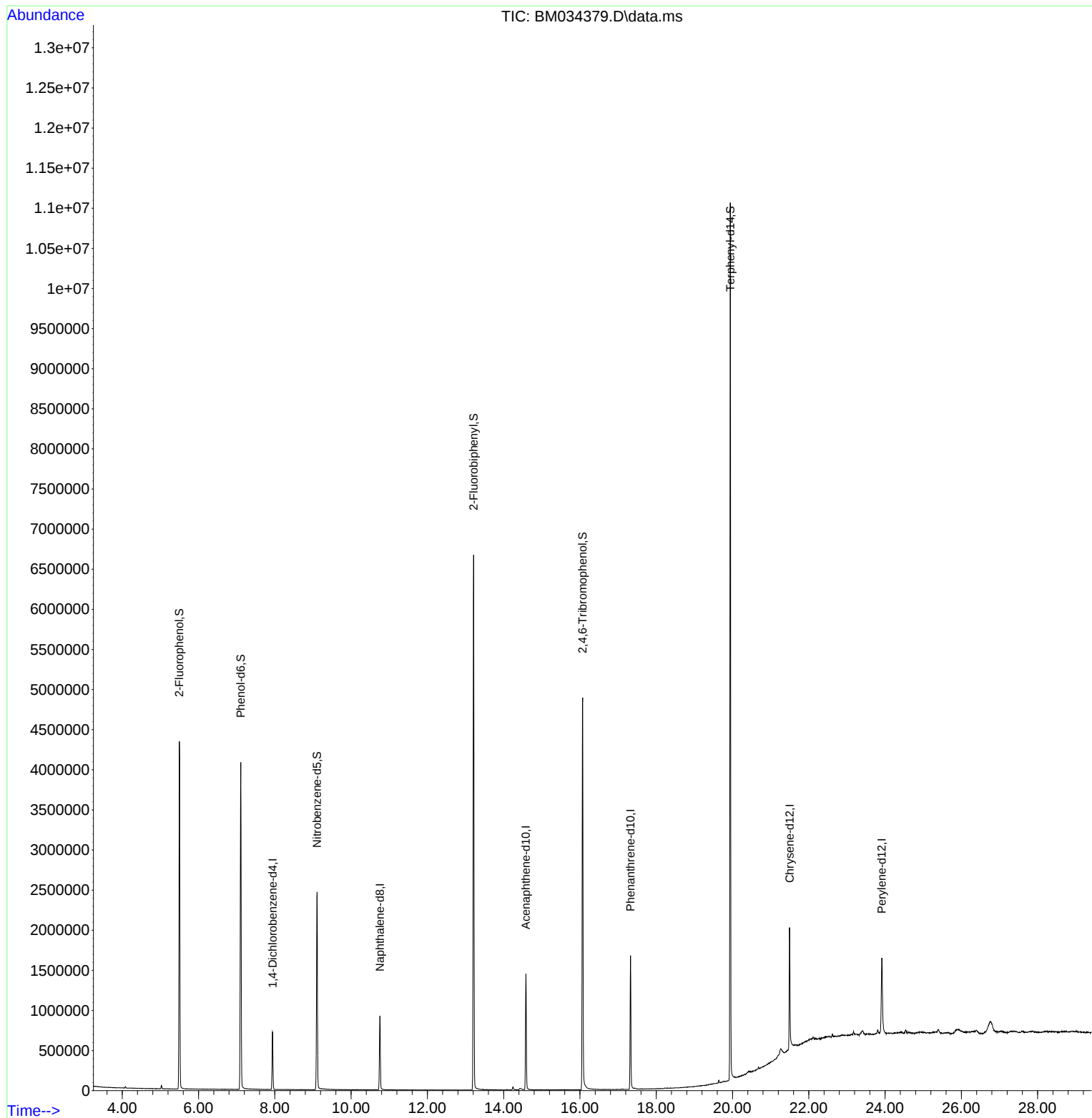
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

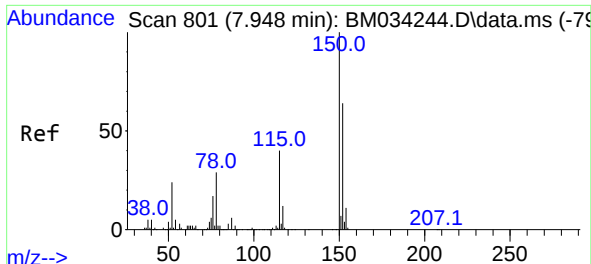
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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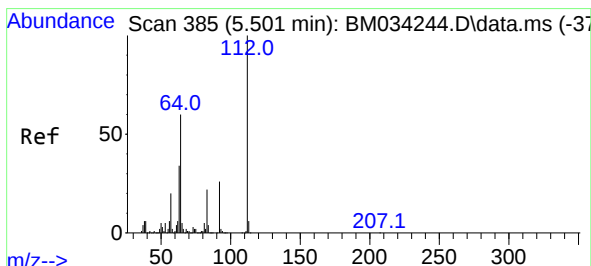
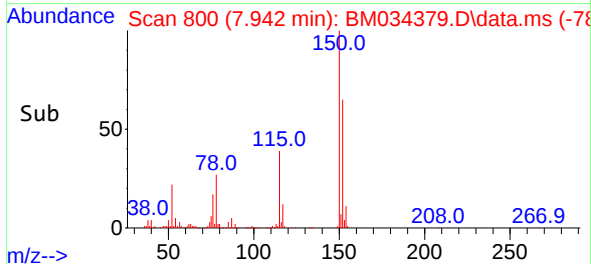
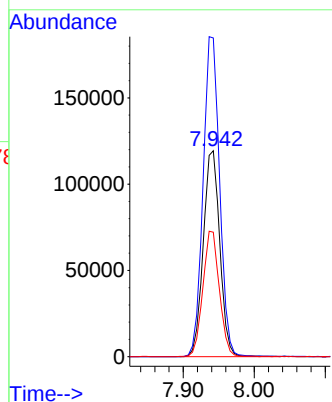
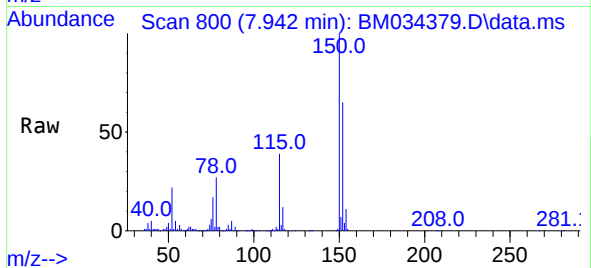




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.942 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

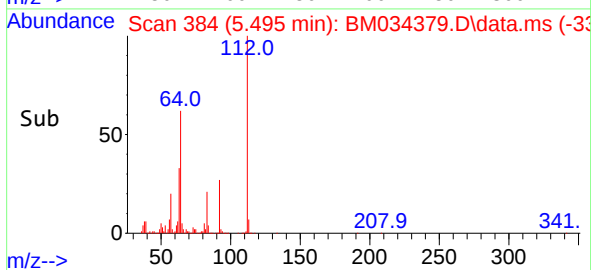
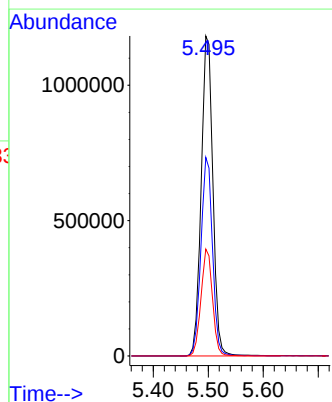
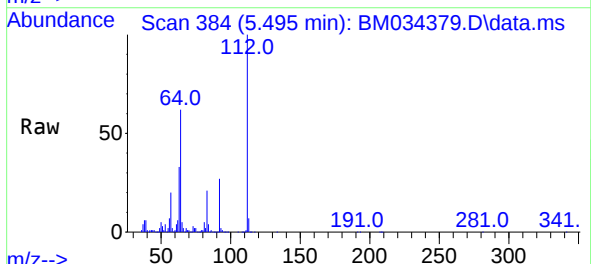
Instrument :  
BNA\_M  
ClientSampleId :  
PB143484BL

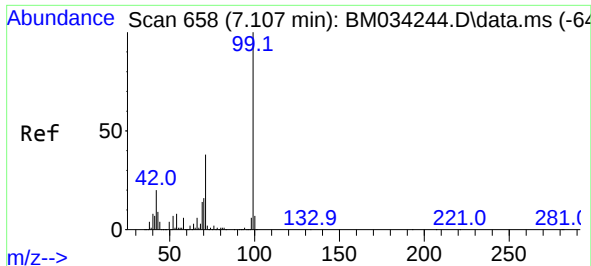
Tgt Ion:152 Resp: 193402  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.4 188.2  
115 60.4 50.1 75.1



#5  
2-Fluorophenol  
Concen: 162.211 ng  
RT: 5.495 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Tgt Ion:112 Resp: 1748754  
Ion Ratio Lower Upper  
112 100  
64 62.1 47.9 71.9  
63 33.4 27.1 40.7



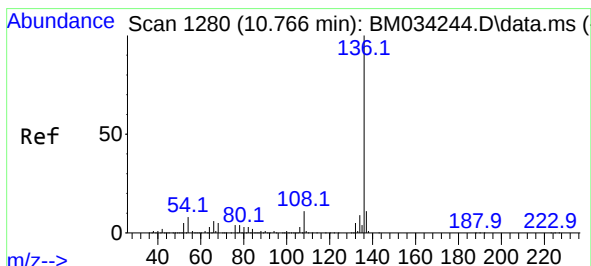
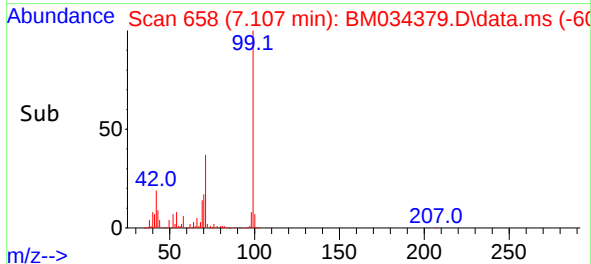
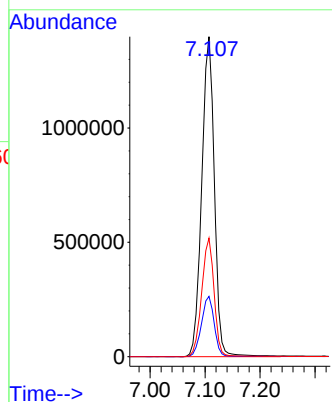
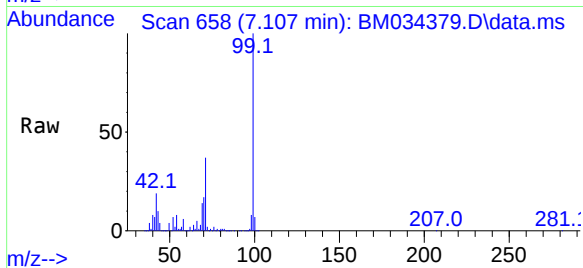


#7  
Phenol-d6  
Concen: 145.013 ng  
RT: 7.107 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Instrument :  
BNA\_M  
ClientSampleId :  
PB143484BL

Tgt Ion: 99 Resp: 2238354

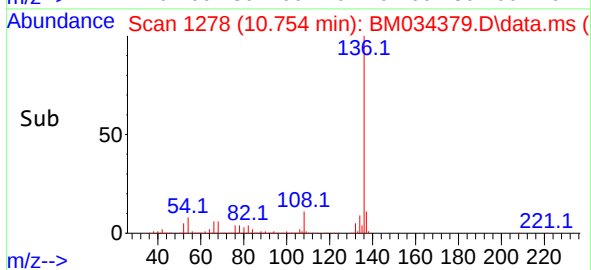
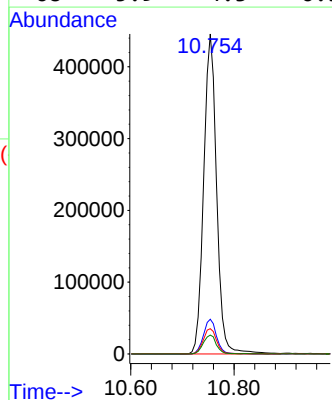
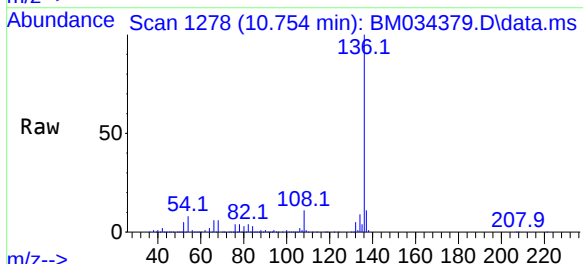
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 15.6  | 23.4  |
| 71  | 37.1  | 30.6  | 46.0  |

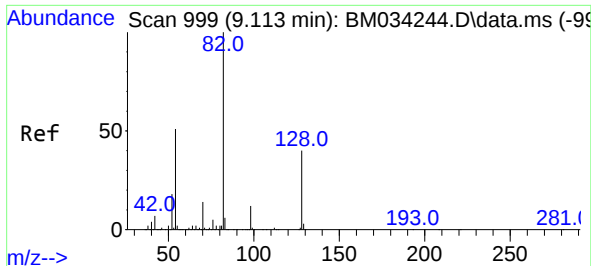


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.754 min Scan# 1278  
Delta R.T. -0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Tgt Ion: 136 Resp: 772548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 7.9   | 6.2   | 9.4   |
| 68  | 5.9   | 4.3   | 6.5   |

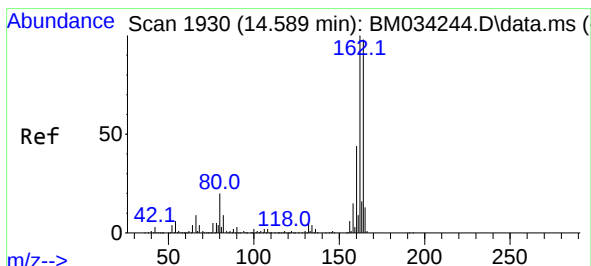
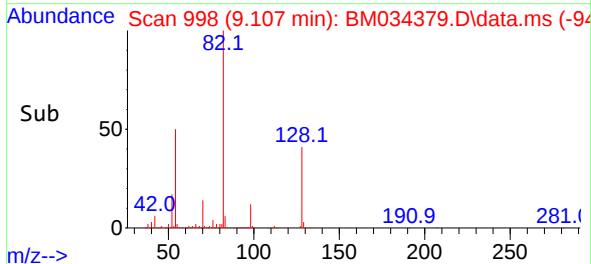
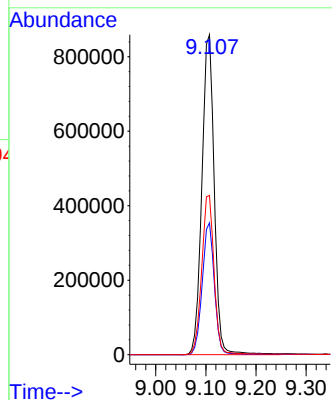
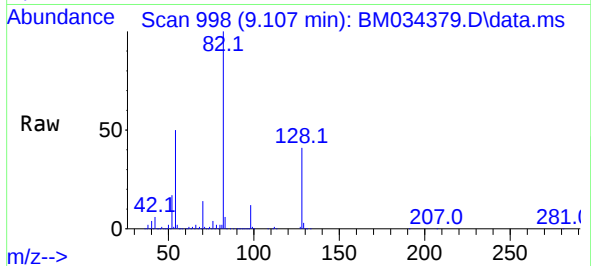




#23  
Nitrobenzene-d5  
Concen: 93.023 ng  
RT: 9.107 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

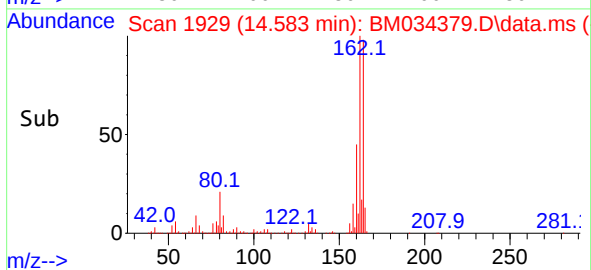
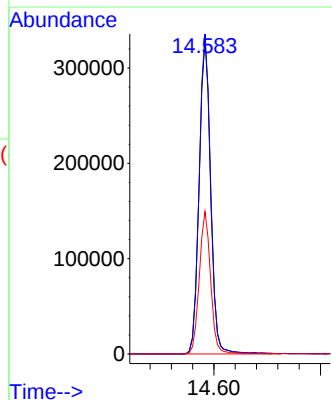
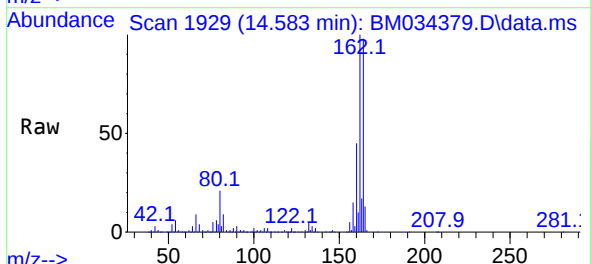
Instrument :  
BNA\_M  
ClientSampleId :  
PB143484BL

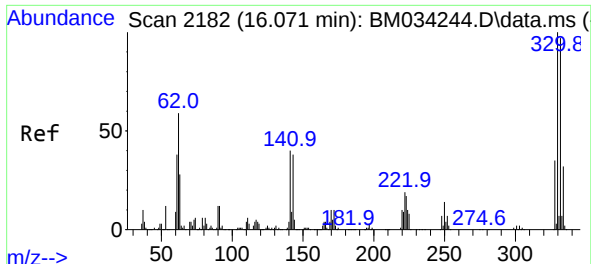
Tgt Ion: 82 Resp: 1476070  
Ion Ratio Lower Upper  
82 100  
128 41.2 31.9 47.9  
54 49.8 40.6 61.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.583 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Tgt Ion: 164 Resp: 494175  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.6 122.4  
160 45.3 35.6 53.4

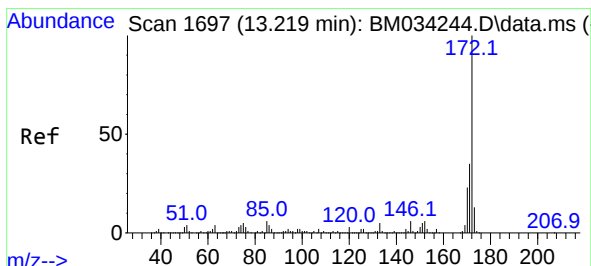
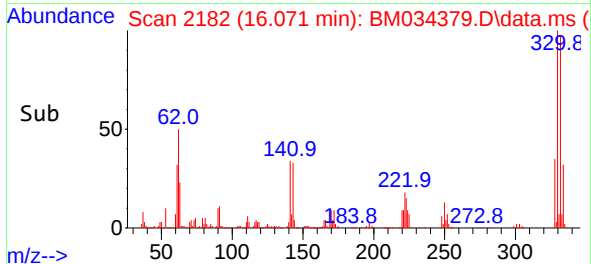
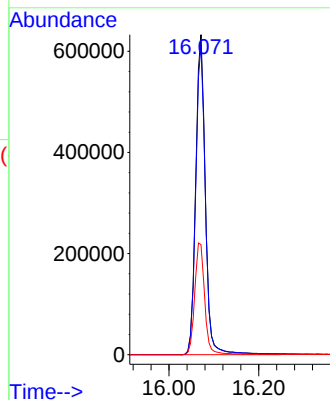
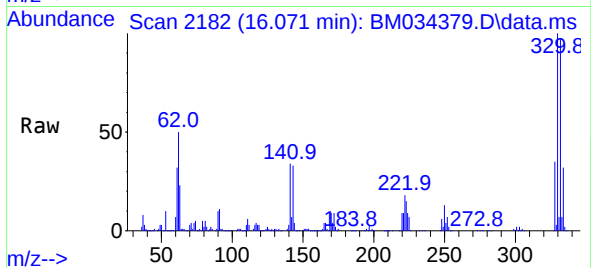




#42  
2,4,6-Tribromophenol  
Concen: 142.075 ng  
RT: 16.071 min Scan# 2182  
Delta R.T. 0.006 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

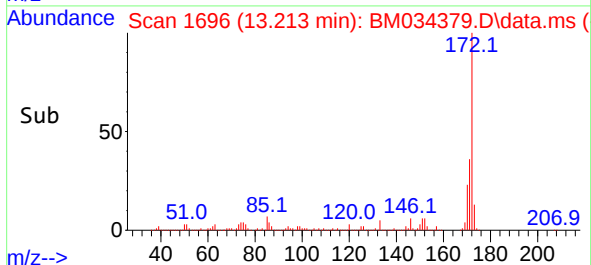
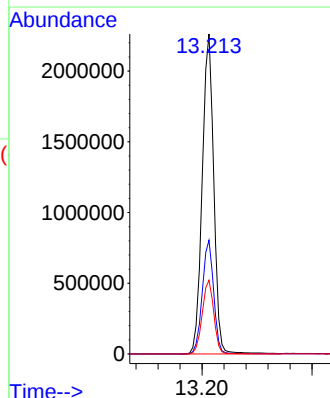
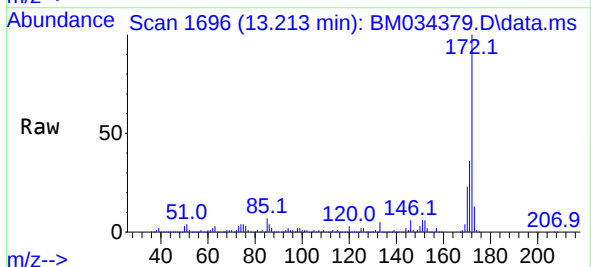
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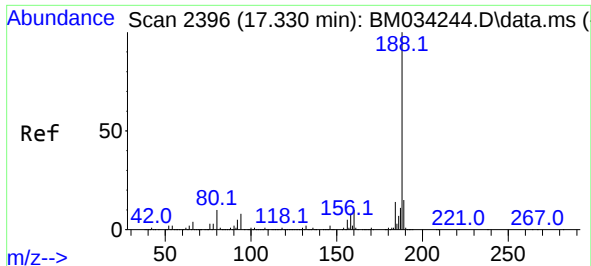
Tgt Ion:330 Resp: 946342  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.2 117.4  
141 35.9 30.6 45.8



#45  
2-Fluorobiphenyl  
Concen: 91.360 ng  
RT: 13.213 min Scan# 1696  
Delta R.T. -0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Tgt Ion:172 Resp: 3303933  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.0 18.6 28.0

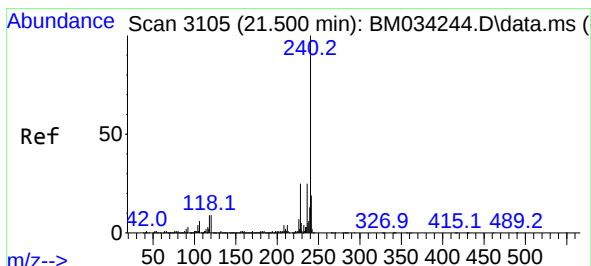
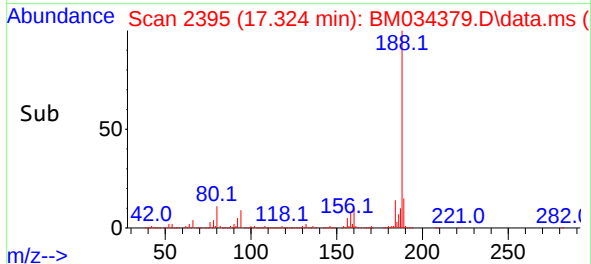
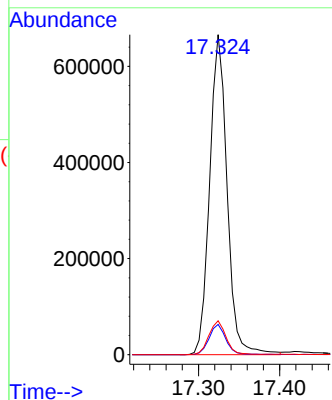
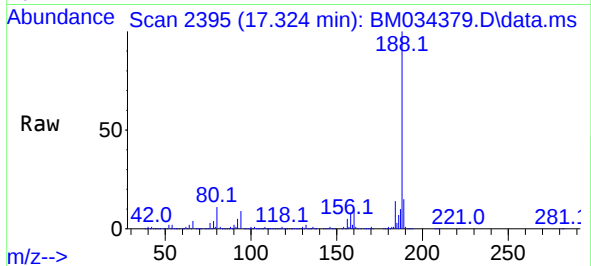




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

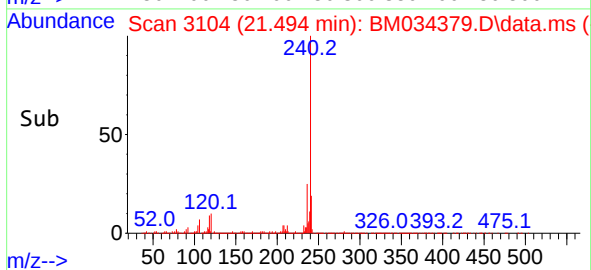
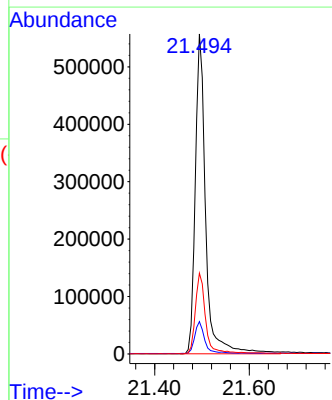
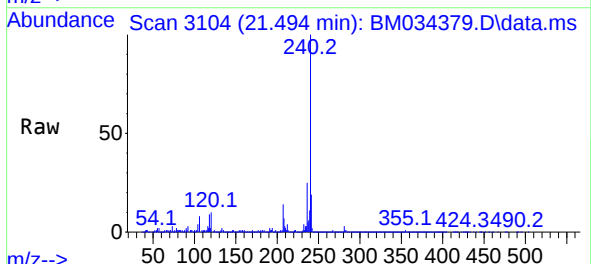
Instrument :  
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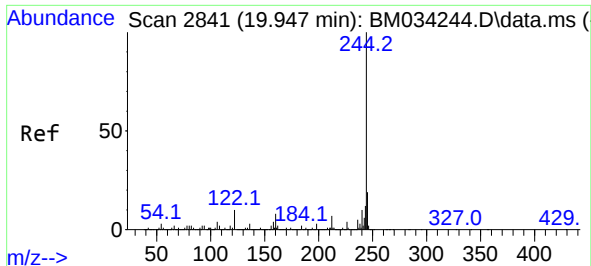
Tgt Ion:188 Resp: 993629  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.6 9.8  
80 10.6 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.494 min Scan# 3104  
Delta R.T. -0.000 min  
Lab File: BM034379.D  
Acq: 25 Mar 2022 10:40

Tgt Ion:240 Resp: 847021  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.3 10.9  
236 25.3 20.2 30.2

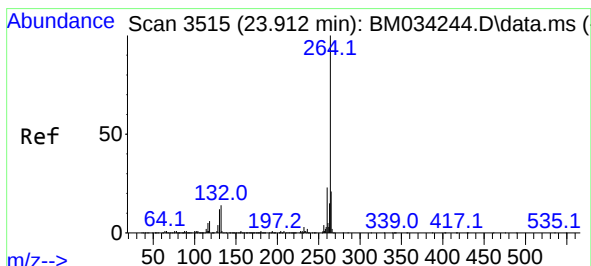
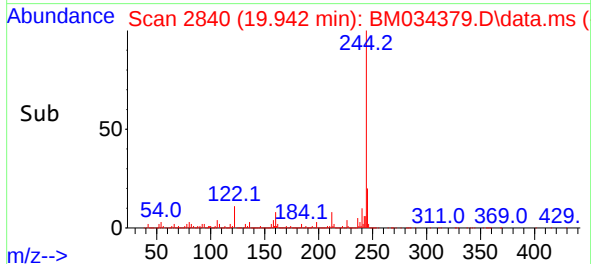
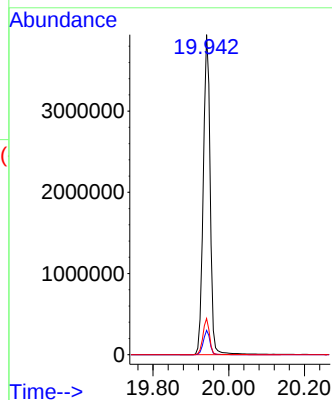
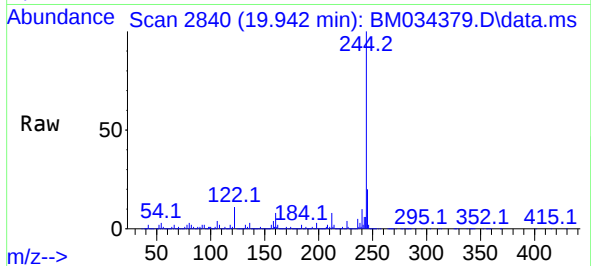




#79  
 Terphenyl-d14  
 Concen: 103.180 ng  
 RT: 19.942 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BM034379.D  
 Acq: 25 Mar 2022 10:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB143484BL

Tgt Ion:244 Resp: 5029654  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 11.3 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.912 min Scan# 3515  
 Delta R.T. 0.006 min  
 Lab File: BM034379.D  
 Acq: 25 Mar 2022 10:40

Tgt Ion:264 Resp: 848493  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 28.0  
 265 22.3 17.6 26.4

