

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050222\  
 Data File : BM034878.D  
 Acq On : 02 May 2022 18:28  
 Operator : CG/JU  
 Sample : N2619-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SS02-1-2-FT

Quant Time: May 03 05:22:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 195382   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.727 | 136  | 812780   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.557 | 164  | 546764   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.298 | 188  | 1247029  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.474 | 240  | 1405573  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.868 | 264  | 1351237  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1335831  | 120.620 | ng    | 0.00     |
| 7) Phenol-d6                | 7.092  | 99   | 1812369  | 126.768 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.086  | 82   | 1186887  | 78.858  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330  | 848413   | 142.646 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 2908722  | 77.227  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.927 | 244  | 5724984  | 78.863  | ng    | 0.00     |

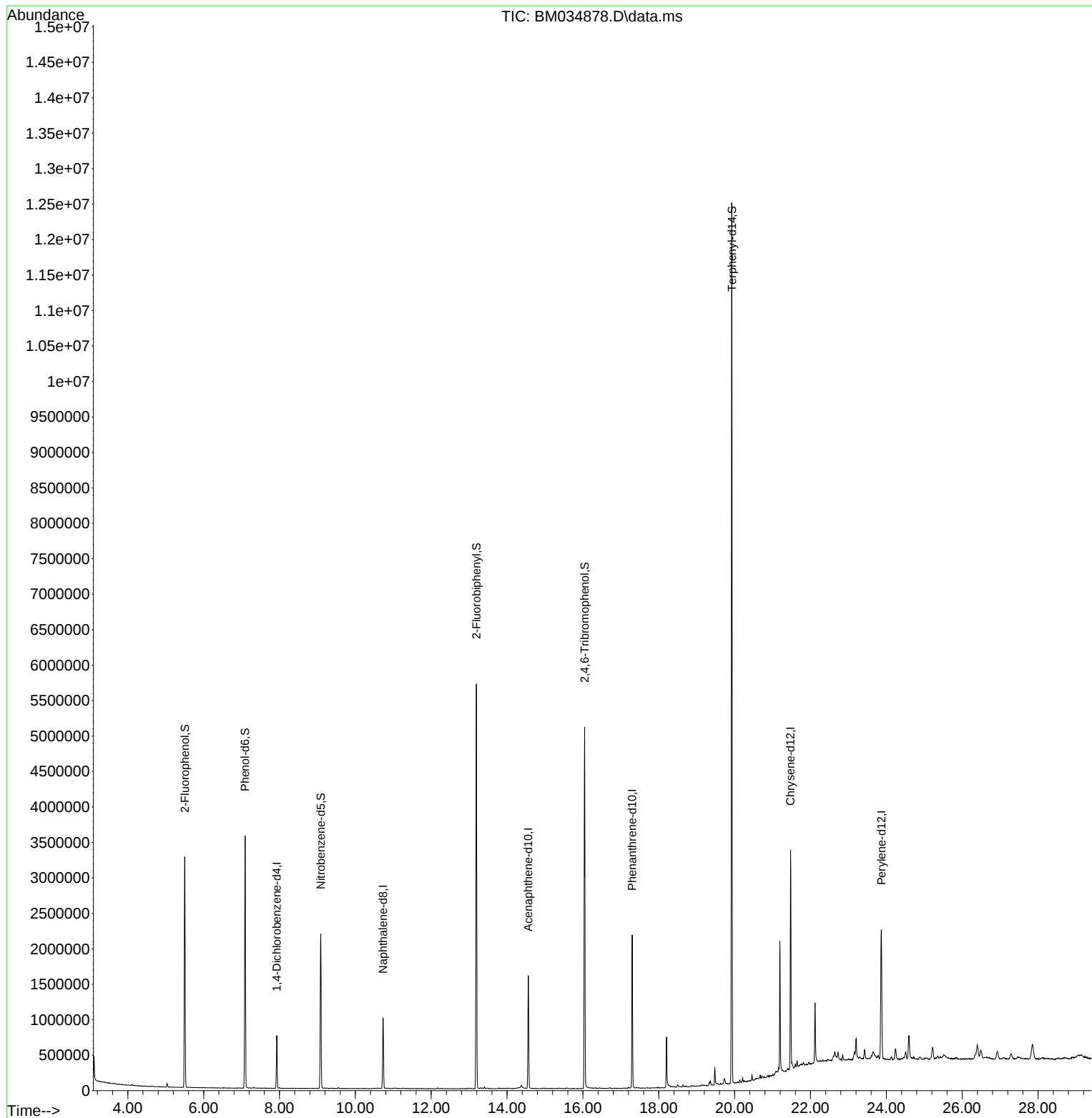
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

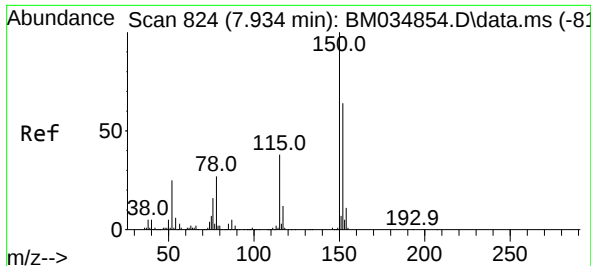
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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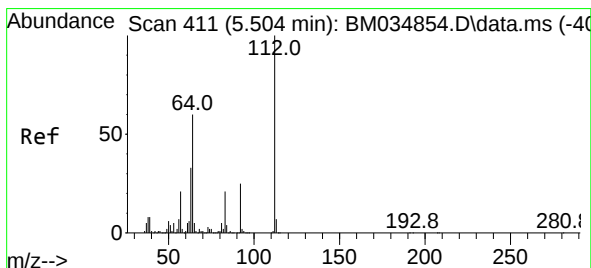
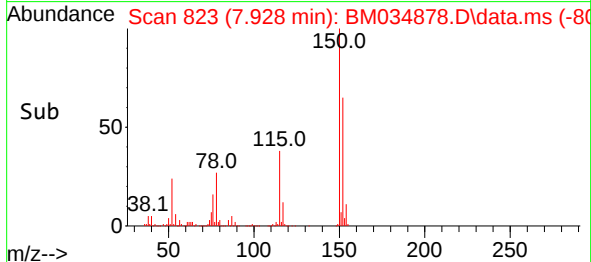
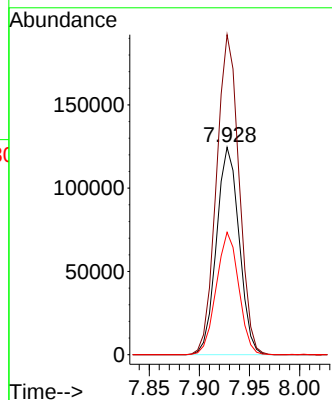
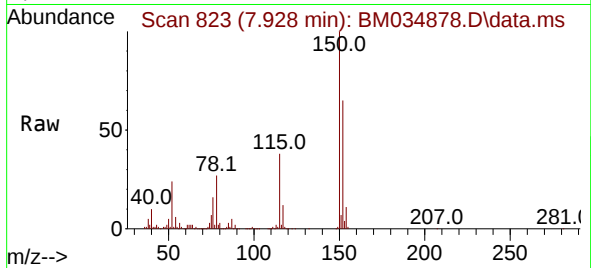




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.928 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM034878.D  
 Acq: 02 May 2022 18:28

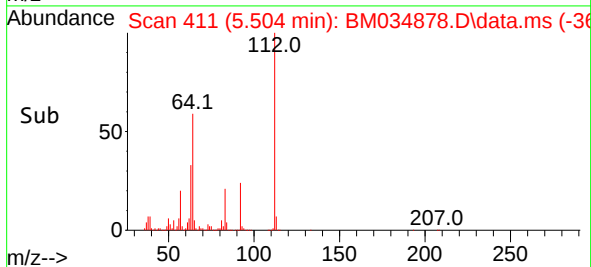
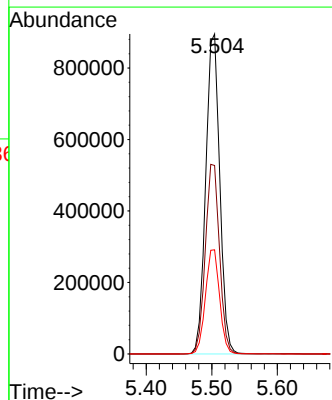
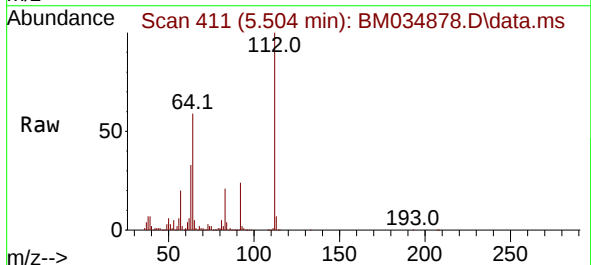
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SS02-1-2-FT

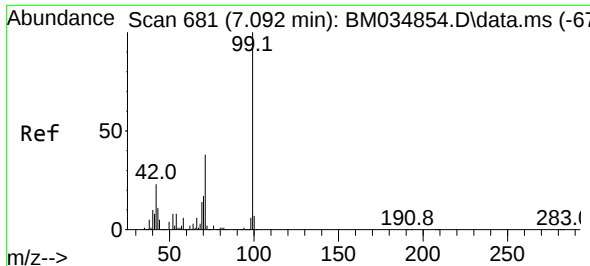
Tgt Ion:152 Resp: 195382  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 124.9 187.3  
 115 59.1 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 120.620 ng  
 RT: 5.504 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: BM034878.D  
 Acq: 02 May 2022 18:28

Tgt Ion:112 Resp: 1335831  
 Ion Ratio Lower Upper  
 112 100  
 64 58.9 47.8 71.6  
 63 32.6 26.6 40.0

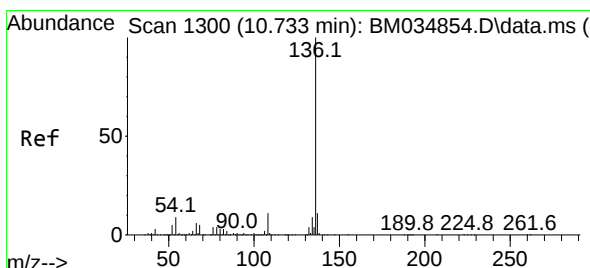
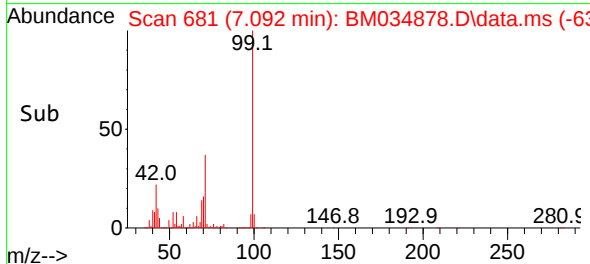
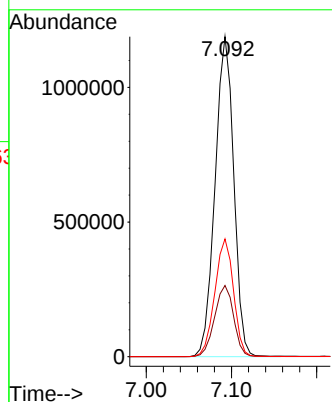
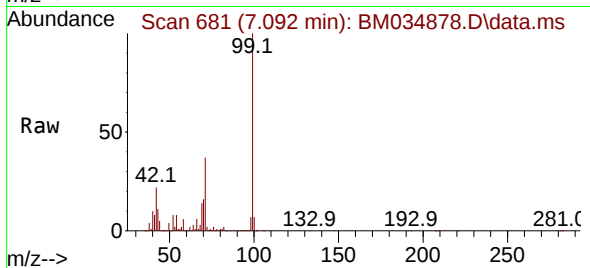




#7  
Phenol-d6  
Concen: 126.768 ng  
RT: 7.092 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

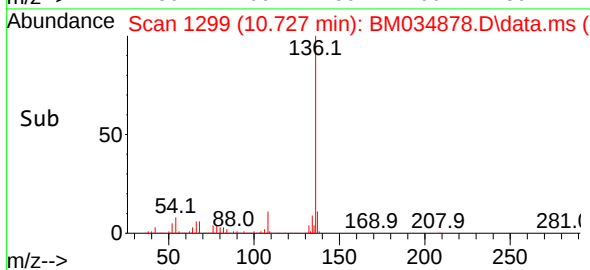
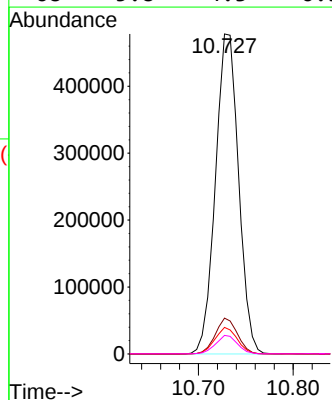
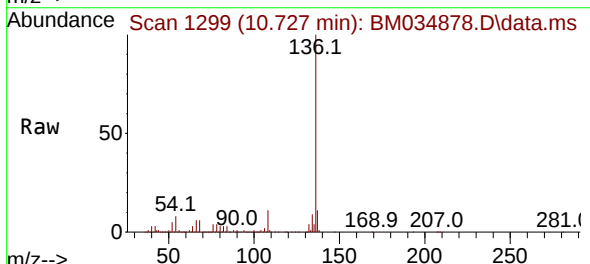
Instrument :  
BNA\_M  
ClientSampleId :  
SS02-1-2-FT

Tgt Ion: 99 Resp: 1812369  
Ion Ratio Lower Upper  
99 100  
42 22.2 18.8 28.2  
71 36.8 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.727 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

Tgt Ion:136 Resp: 812780  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 8.3 7.0 10.4  
68 5.8 4.3 6.5

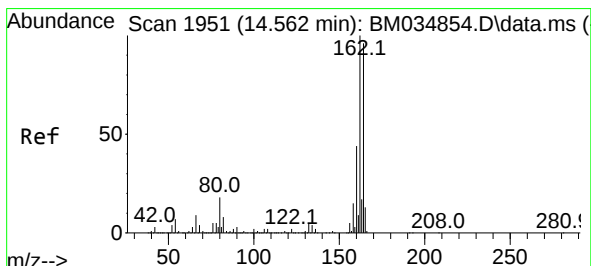
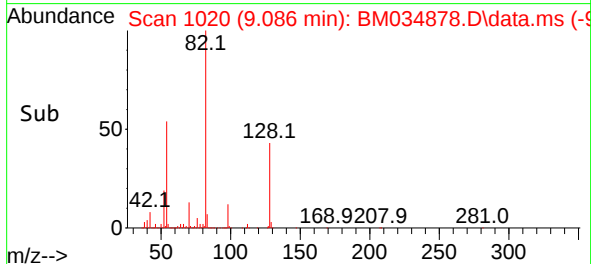
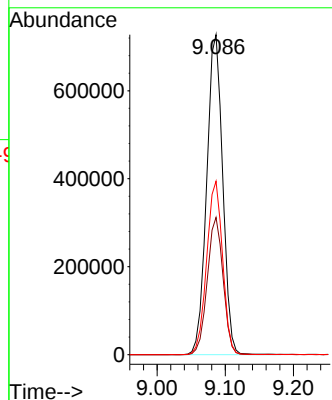
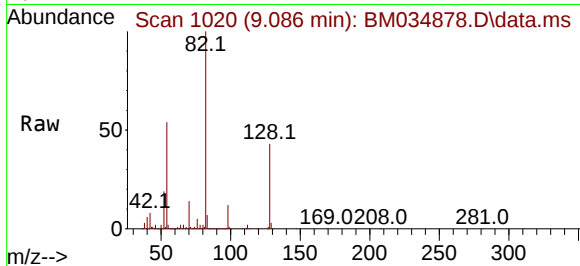




#23  
Nitrobenzene-d5  
Concen: 78.858 ng  
RT: 9.086 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

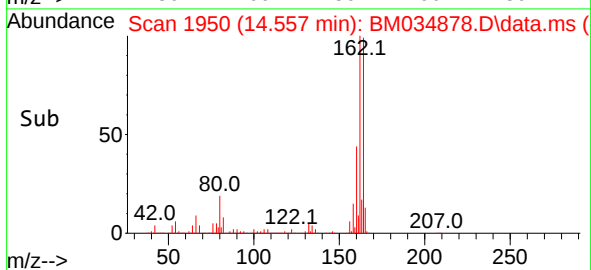
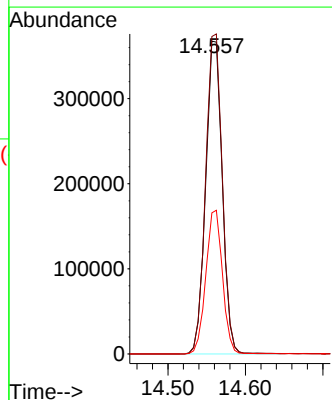
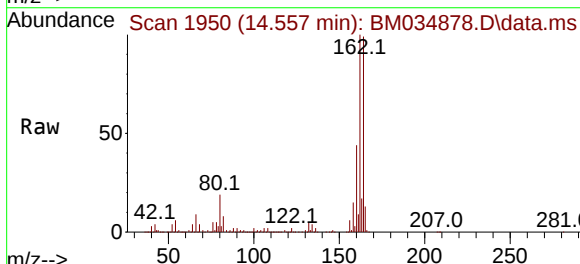
Instrument :  
BNA\_M  
ClientSampleId :  
SS02-1-2-FT

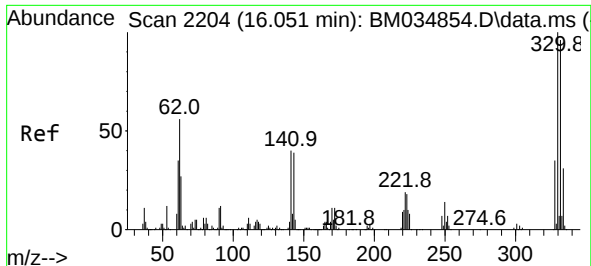
Tgt Ion: 82 Resp: 1186887  
Ion Ratio Lower Upper  
82 100  
128 42.9 33.7 50.5  
54 54.2 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

Tgt Ion: 164 Resp: 546764  
Ion Ratio Lower Upper  
164 100  
162 101.4 83.0 124.6  
160 45.1 37.0 55.4

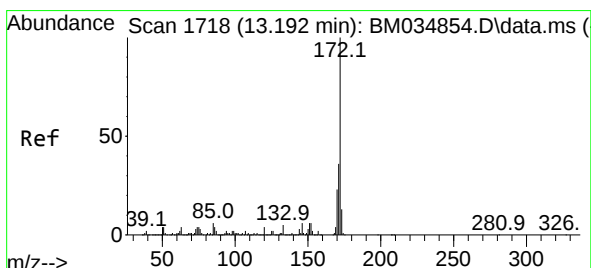
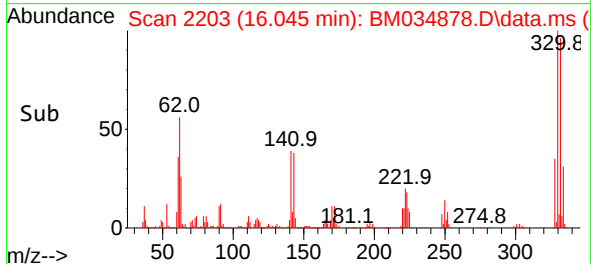
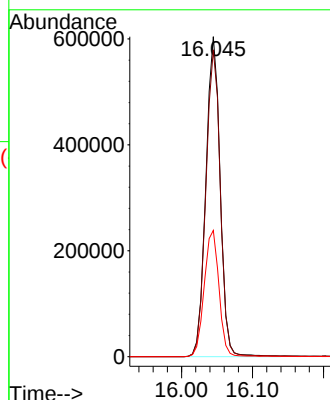
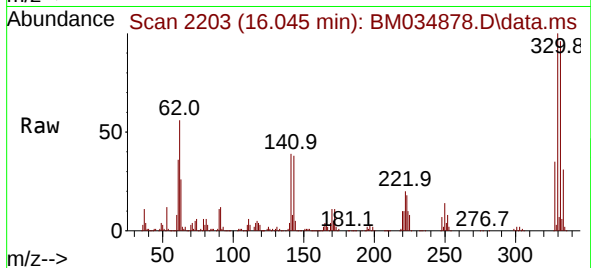




#42  
2,4,6-Tribromophenol  
Concen: 142.646 ng  
RT: 16.045 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

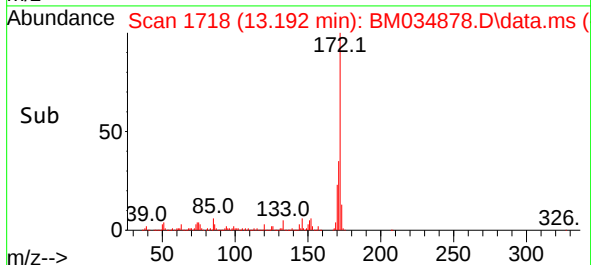
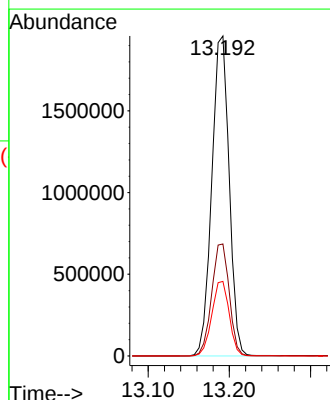
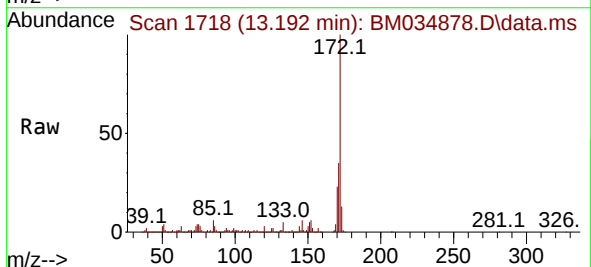
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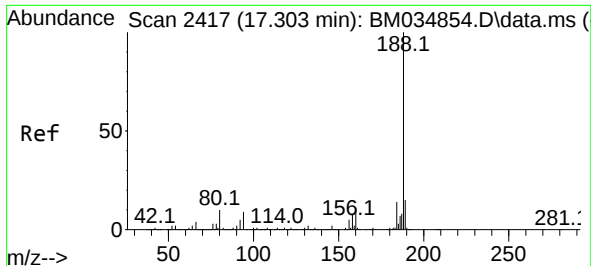
Tgt Ion:330 Resp: 848413  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 41.1 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 77.227 ng  
RT: 13.192 min Scan# 1718  
Delta R.T. -0.000 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

Tgt Ion:172 Resp: 2908722  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 23.3 18.7 28.1

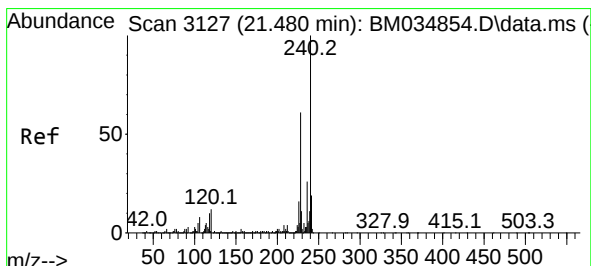
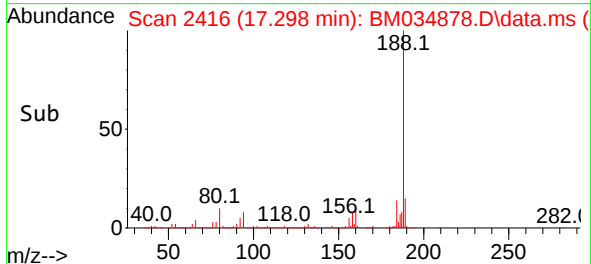
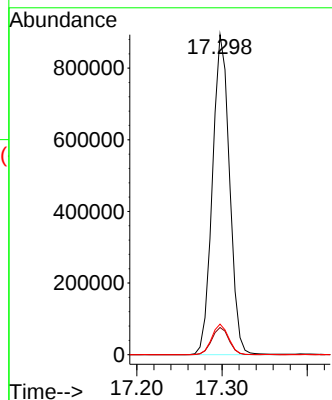
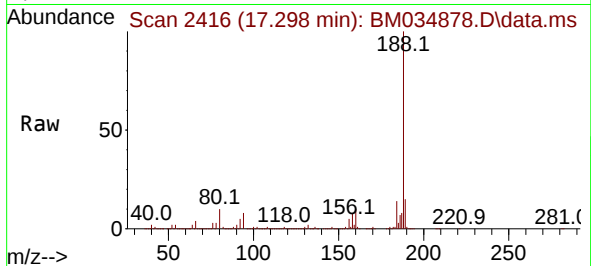




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

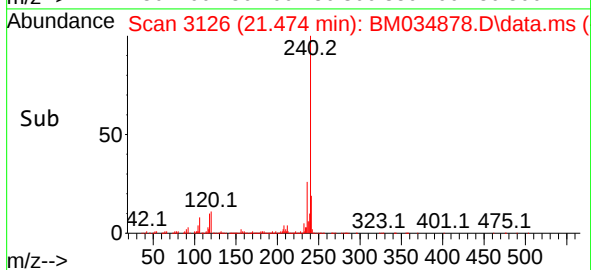
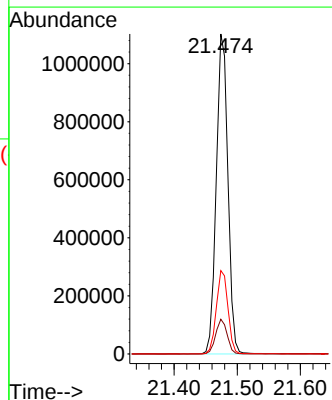
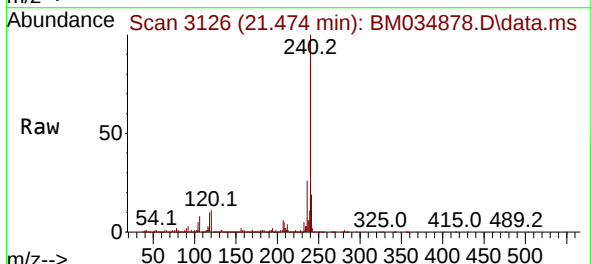
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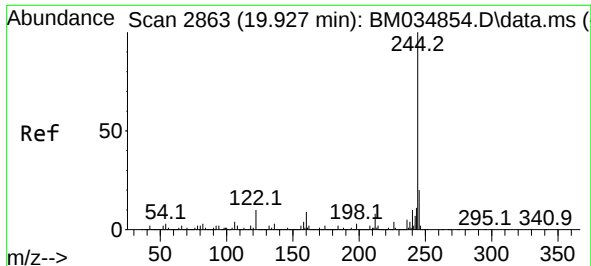
Tgt Ion:188 Resp: 1247029  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.0 10.4  
80 9.5 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.474 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BM034878.D  
Acq: 02 May 2022 18:28

Tgt Ion:240 Resp: 1405573  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.4 14.0  
236 26.1 20.6 30.8

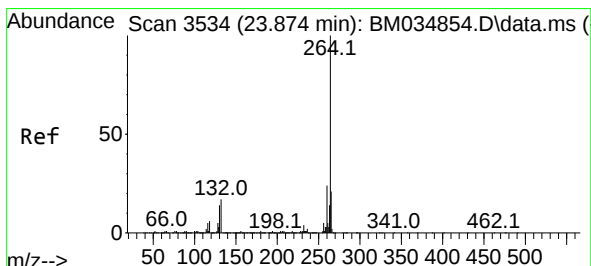
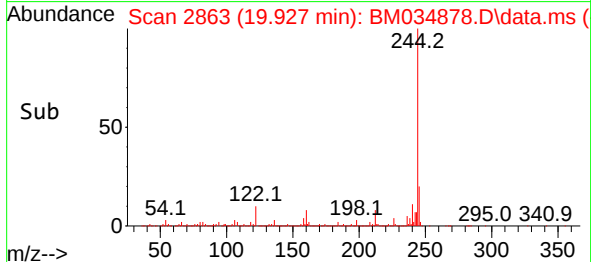
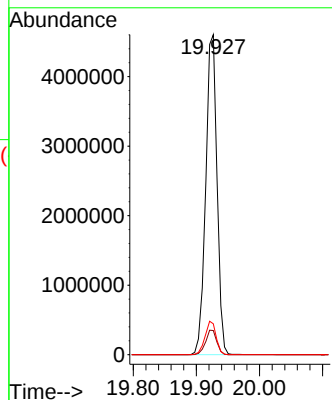
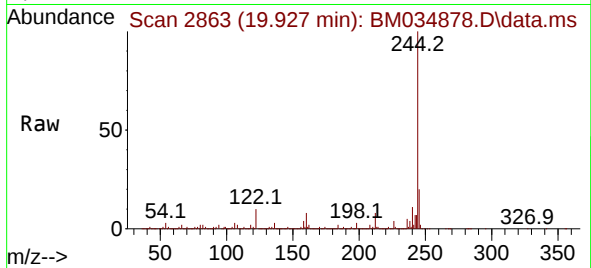




#79  
 Terphenyl-d14  
 Concen: 78.863 ng  
 RT: 19.927 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM034878.D  
 Acq: 02 May 2022 18:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SS02-1-2-FT

Tgt Ion:244 Resp: 5724984  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.7 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.868 min Scan# 3533  
 Delta R.T. -0.006 min  
 Lab File: BM034878.D  
 Acq: 02 May 2022 18:28

Tgt Ion:264 Resp: 1351237  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 21.4 17.5 26.3

