

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
 Data File : BM036078.D  
 Acq On : 03 Aug 2022 15:09  
 Operator : CG/JU  
 Sample : N3998-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-7

Quant Time: Aug 04 01:30:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 17:50:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 268848   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.669 | 136  | 1232965  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 774156   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 1693407  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.427 | 240  | 1823663  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.791 | 264  | 1990260  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 2153353  | 129.856 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 2782453  | 131.868 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.034  | 82   | 1636900  | 74.316  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.992 | 330  | 1256340  | 138.335 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.133 | 172  | 3689631  | 70.369  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 5932701  | 64.167  | ng    | 0.00     |

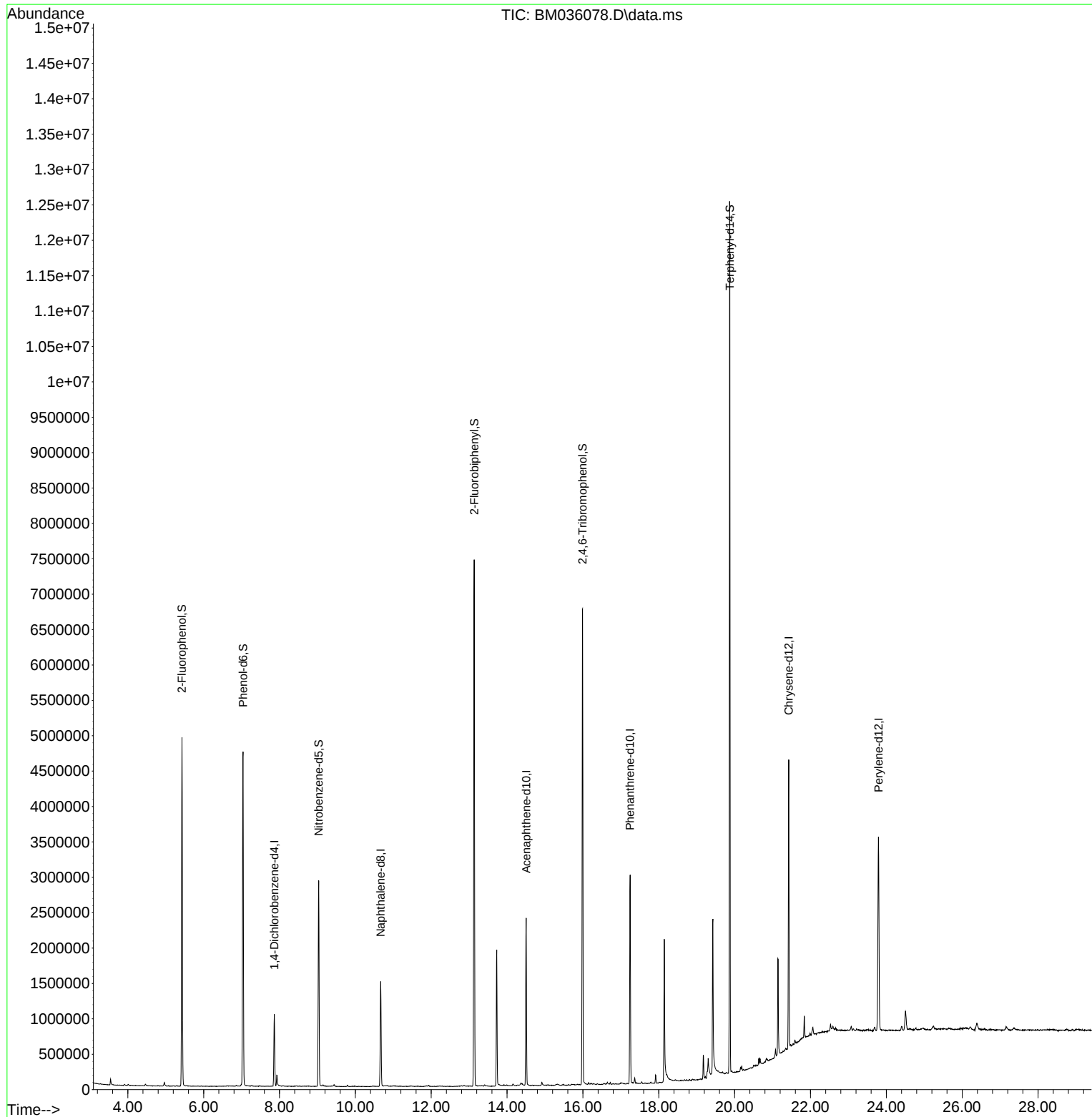
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

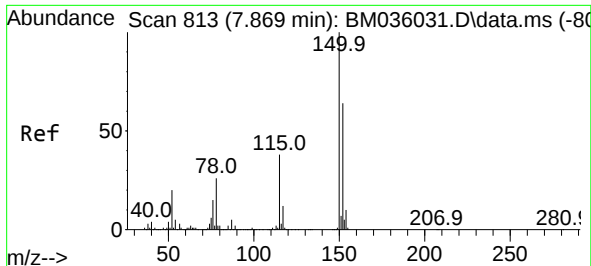
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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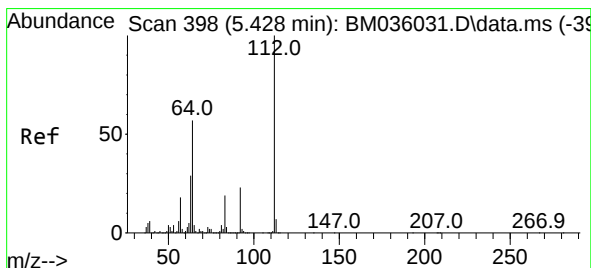
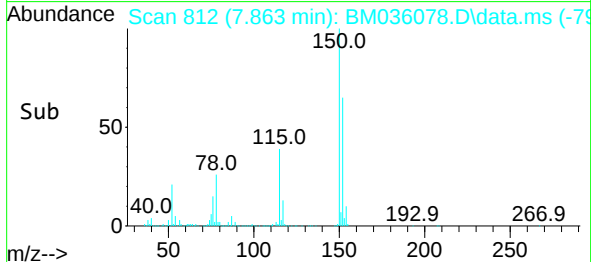
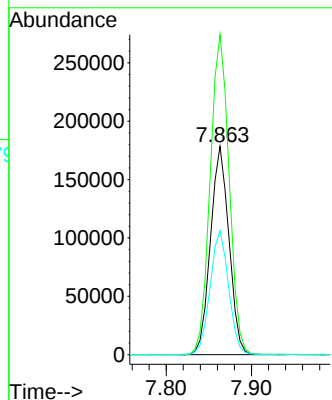
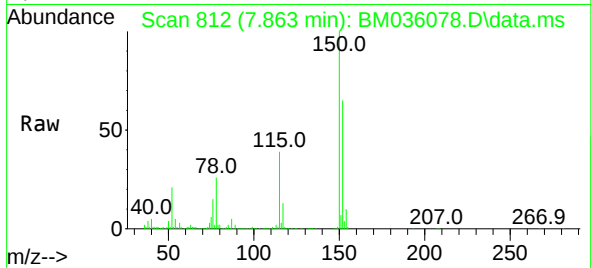




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

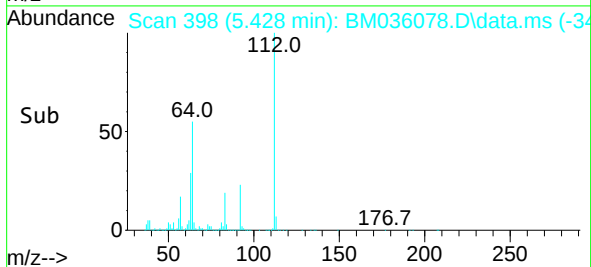
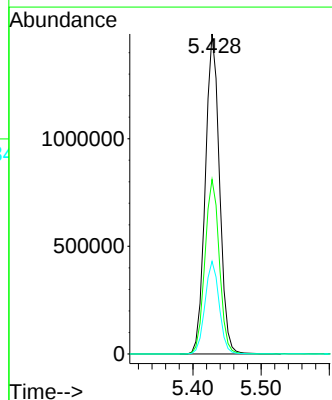
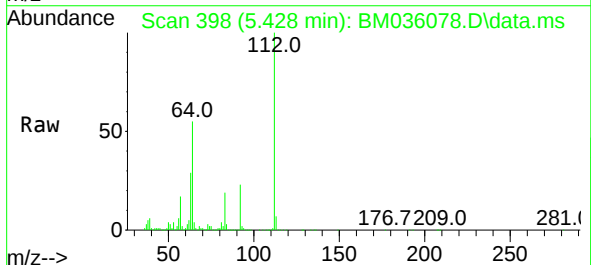
Instrument :  
BNA\_M  
ClientSampleId :  
SB-7

Tgt Ion:152 Resp: 268848  
Ion Ratio Lower Upper  
152 100  
150 153.6 124.9 187.3  
115 59.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 129.856 ng  
RT: 5.428 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

Tgt Ion:112 Resp: 2153353  
Ion Ratio Lower Upper  
112 100  
64 54.6 47.8 71.6  
63 29.0 26.6 40.0

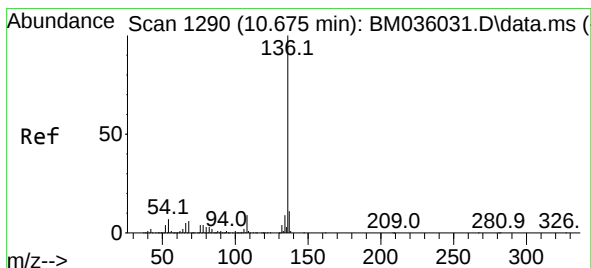
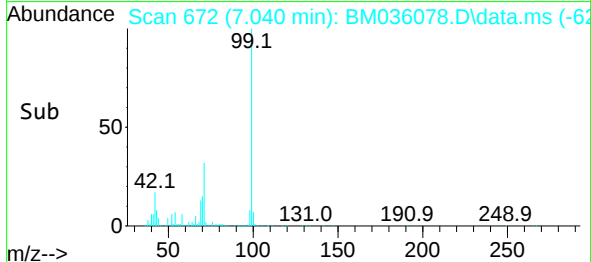
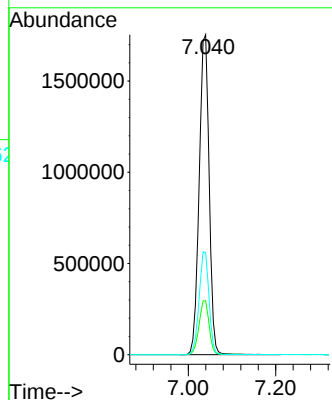
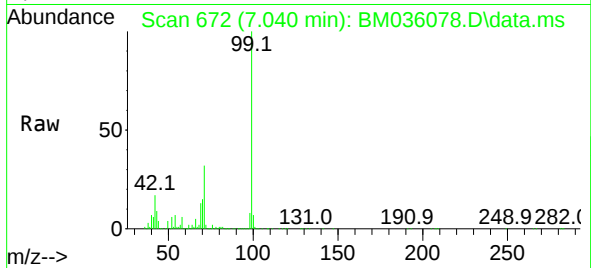




#7  
Phenol-d6  
Concen: 131.868 ng  
RT: 7.040 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

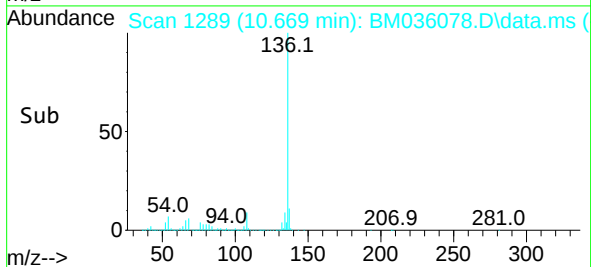
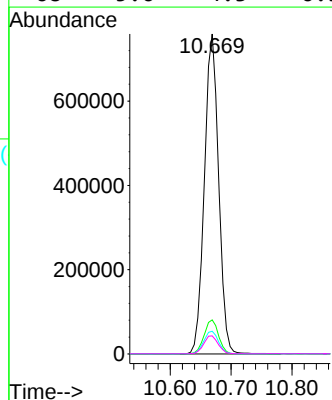
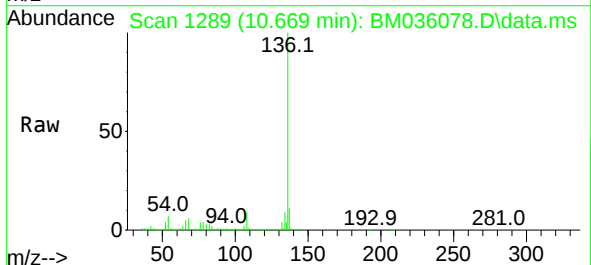
Instrument :  
BNA\_M  
ClientSampleId :  
SB-7

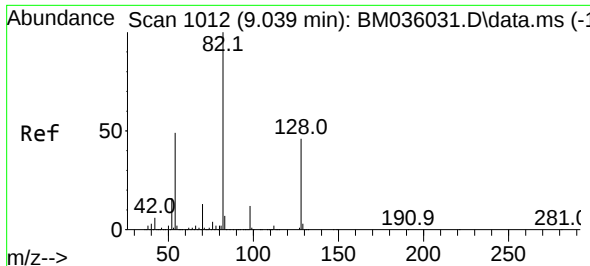
Tgt Ion: 99 Resp: 2782453  
Ion Ratio Lower Upper  
99 100  
42 16.9 18.8 28.2#  
71 31.9 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.669 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

Tgt Ion: 136 Resp: 1232965  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 7.1 7.0 10.4  
68 5.6 4.3 6.5

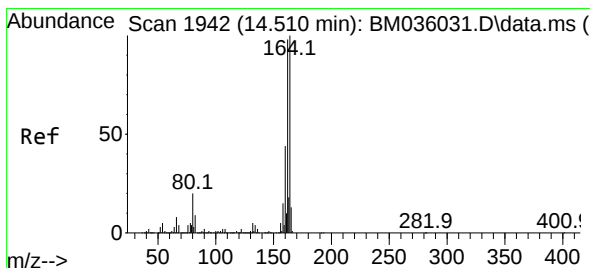
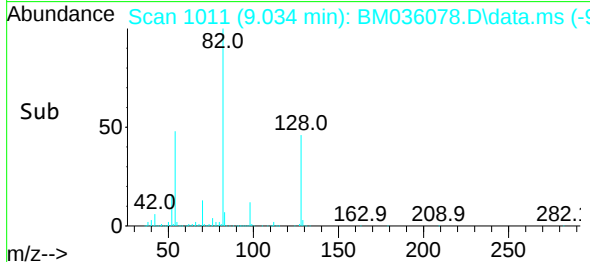
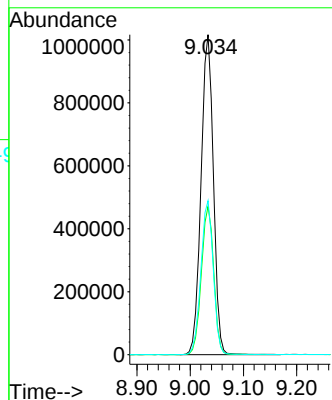
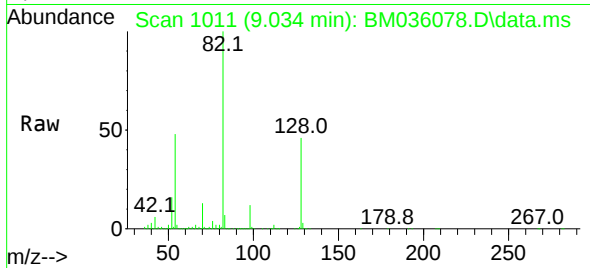




#23  
Nitrobenzene-d5  
Concen: 74.316 ng  
RT: 9.034 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

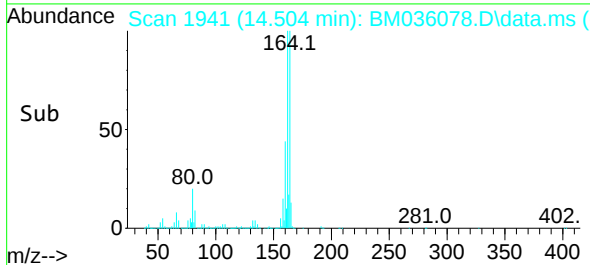
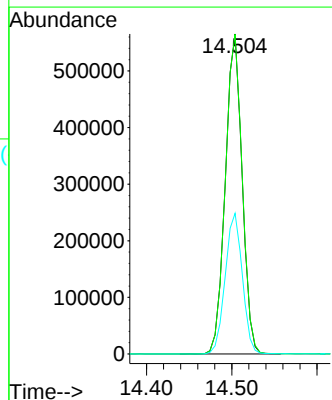
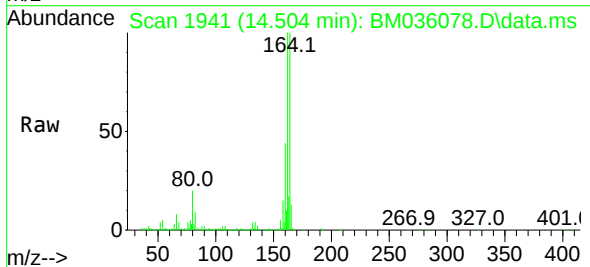
Instrument :  
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Tgt Ion: 82 Resp: 1636900  
Ion Ratio Lower Upper  
82 100  
128 46.3 33.7 50.5  
54 48.1 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

Tgt Ion: 164 Resp: 774156  
Ion Ratio Lower Upper  
164 100  
162 99.9 83.0 124.6  
160 44.0 37.0 55.4

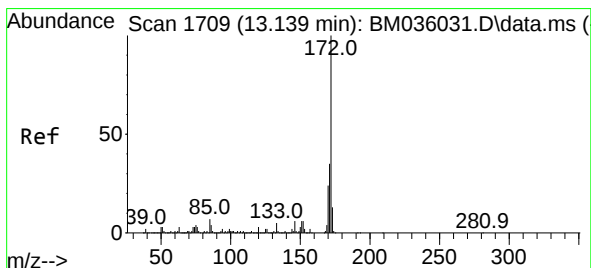
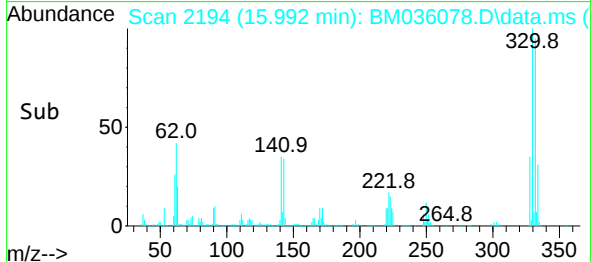
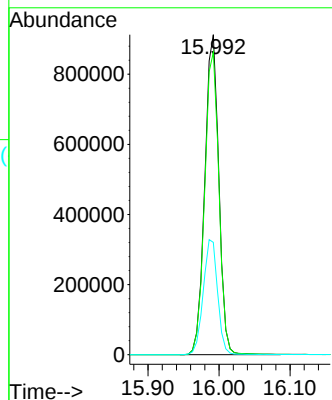
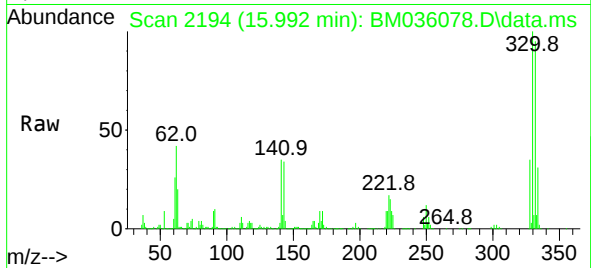




#42  
2,4,6-Tribromophenol  
Concen: 138.335 ng  
RT: 15.992 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

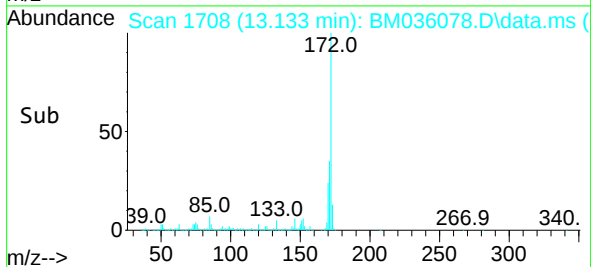
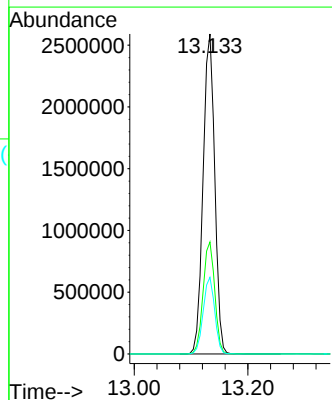
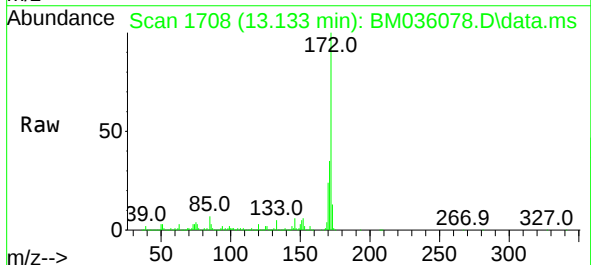
Instrument :  
BNA\_M  
ClientSampleId :  
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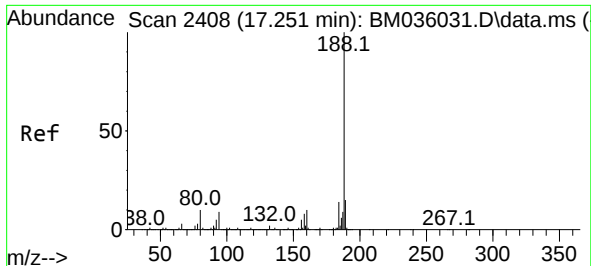
Tgt Ion:330 Resp: 1256340  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.0 115.4  
141 37.0 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 70.369 ng  
RT: 13.133 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

Tgt Ion:172 Resp: 3689631  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 23.9 18.7 28.1

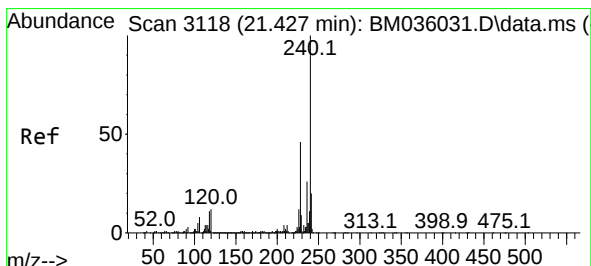
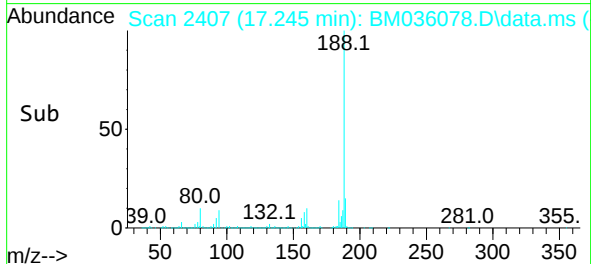
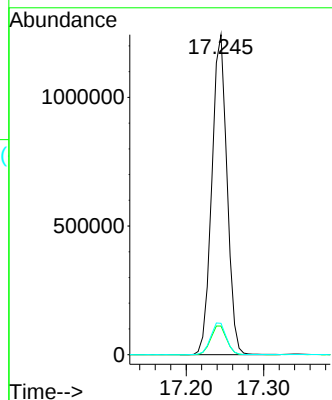
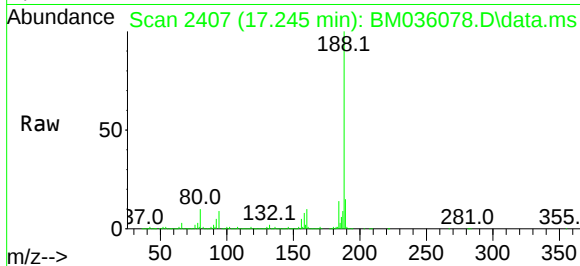




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

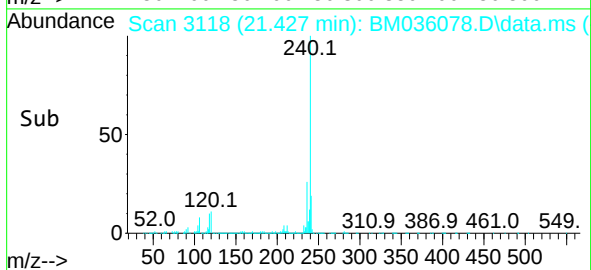
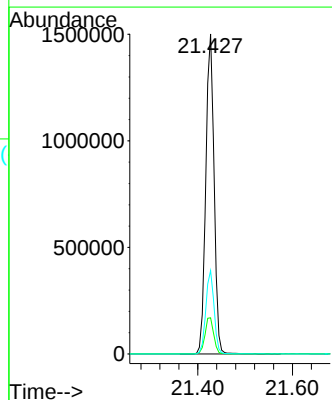
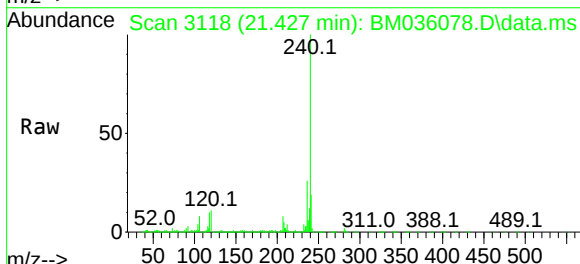
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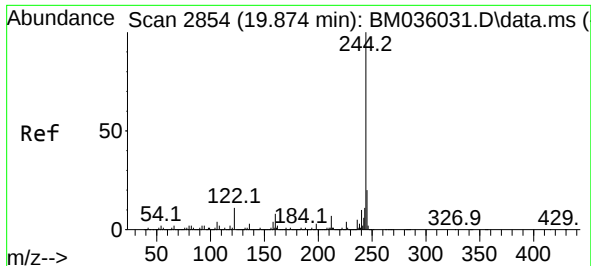
Tgt Ion:188 Resp: 1693407  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.0 10.4  
80 9.8 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.427 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: BM036078.D  
Acq: 03 Aug 2022 15:09

Tgt Ion:240 Resp: 1823663  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.4 14.0  
236 26.0 20.6 30.8

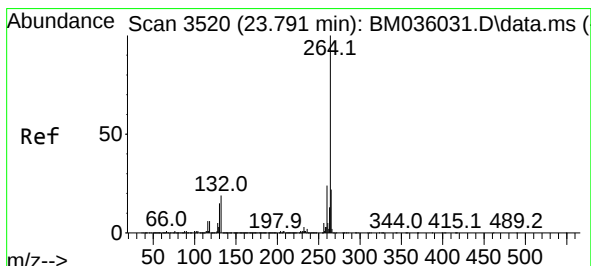
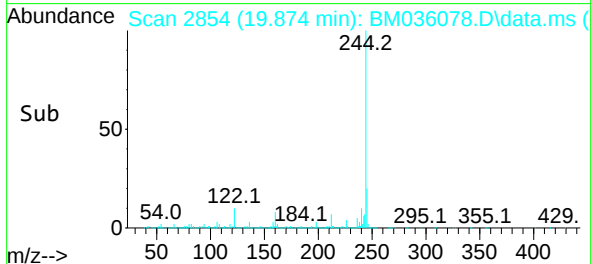
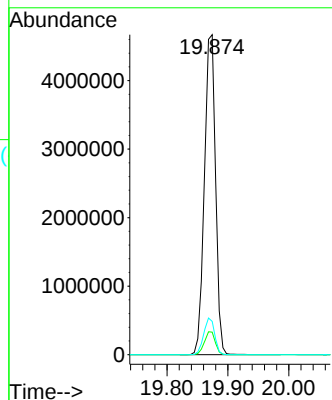
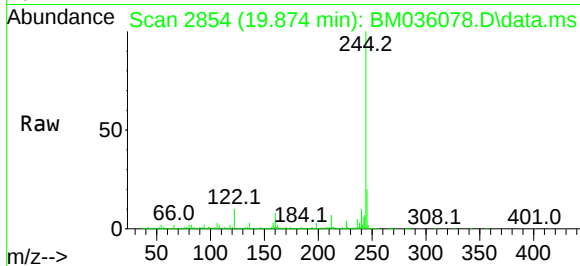




#79  
 Terphenyl-d14  
 Concen: 64.167 ng  
 RT: 19.874 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM036078.D  
 Acq: 03 Aug 2022 15:09

Instrument :  
 BNA\_M  
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 SB-7

Tgt Ion:244 Resp: 5932701  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.2 9.4  
 122 10.4 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.791 min Scan# 3520  
 Delta R.T. 0.000 min  
 Lab File: BM036078.D  
 Acq: 03 Aug 2022 15:09

Tgt Ion:264 Resp: 1990260  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.9 28.3  
 265 22.0 17.5 26.3

