

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032222\  
 Data File : BM034316.D  
 Acq On : 22 Mar 2022 18:50  
 Operator : CG/JU  
 Sample : N1977-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-12-20220315-19.0-20.0

Quant Time: Mar 23 05:06:00 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  | 144523   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.754 | 136  | 559287   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.577 | 164  | 334586   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.318 | 188  | 673464   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.489 | 240  | 715042   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.900 | 264  | 762289   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.490  | 112  | 751419   | 93.274 | ng    | -0.01    |
| 7) Phenol-d6                | 7.095  | 99   | 951780   | 82.516 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.101  | 82   | 594049   | 51.713 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.060 | 330  | 349018   | 77.391 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.207 | 172  | 1129728  | 46.139 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.936 | 244  | 1880386  | 45.695 | ng    | -0.01    |

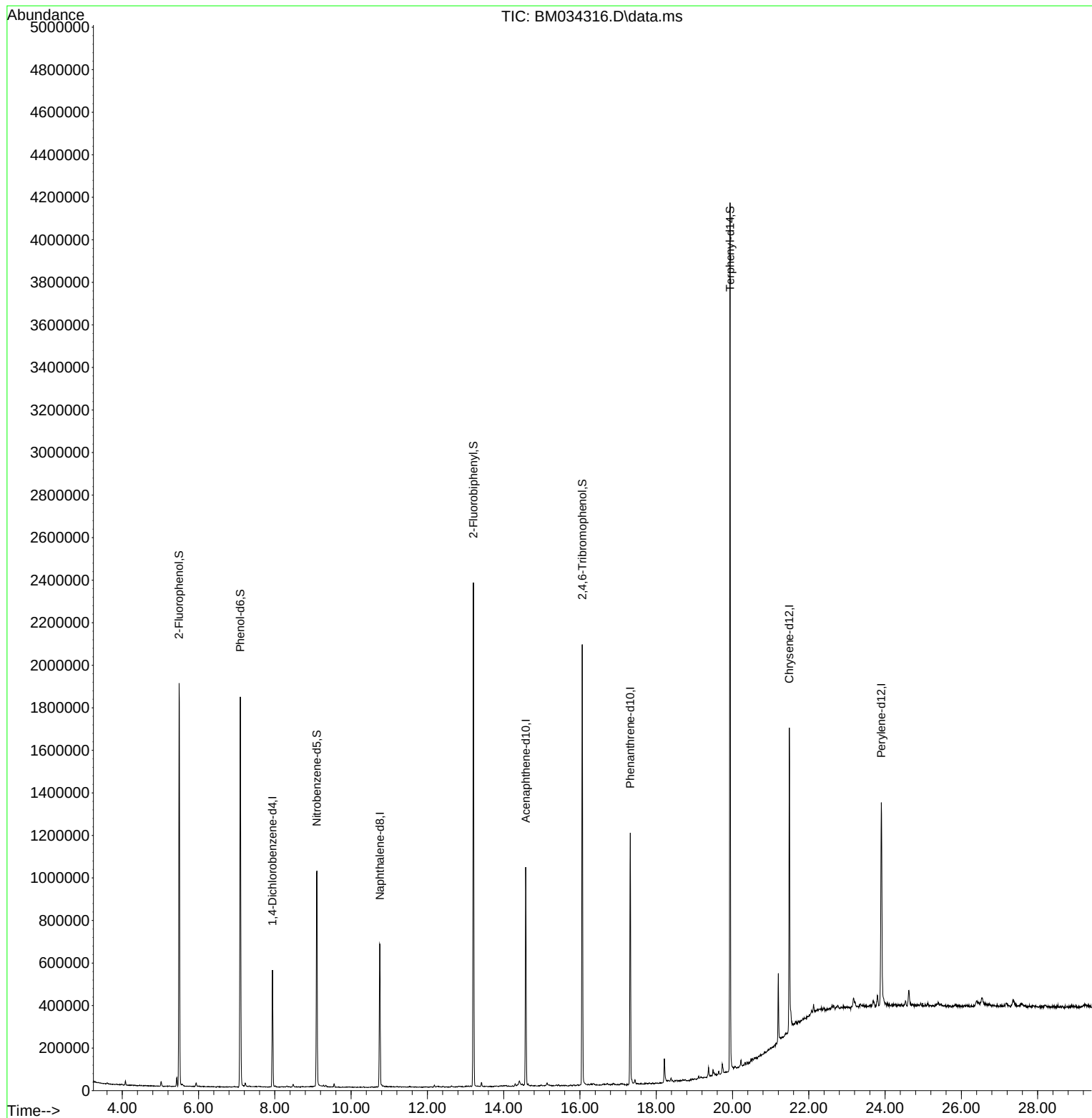
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

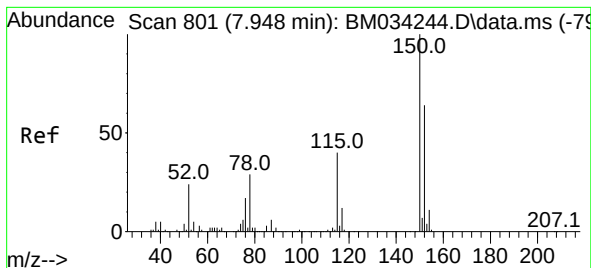
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.937 min Scan# 79

Delta R.T. -0.011 min

Lab File: BM034316.D

Acq: 22 Mar 2022 18:50

Instrument :

BNA\_M

ClientSampleId :

SB-12-20220315-19.0-20.0

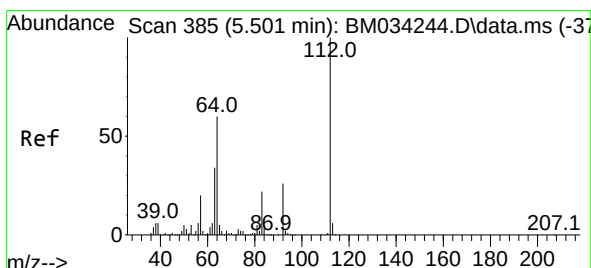
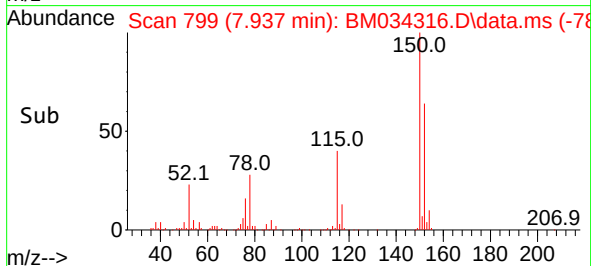
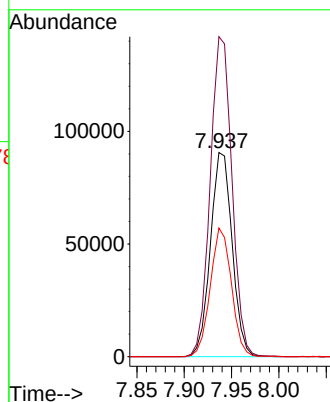
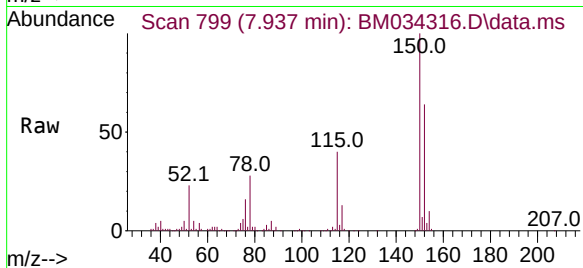
Tgt Ion:152 Resp: 144523

Ion Ratio Lower Upper

152 100

150 156.7 125.4 188.2

115 63.0 50.1 75.1



#5

2-Fluorophenol

Concen: 93.274 ng

RT: 5.490 min Scan# 383

Delta R.T. -0.012 min

Lab File: BM034316.D

Acq: 22 Mar 2022 18:50

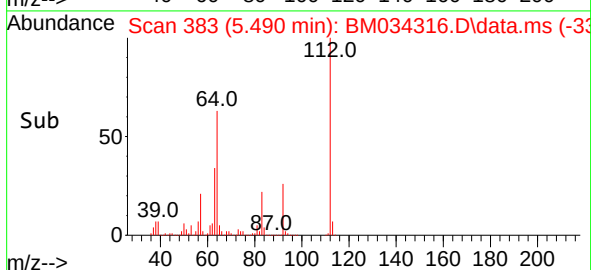
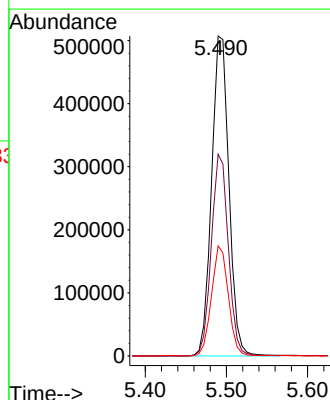
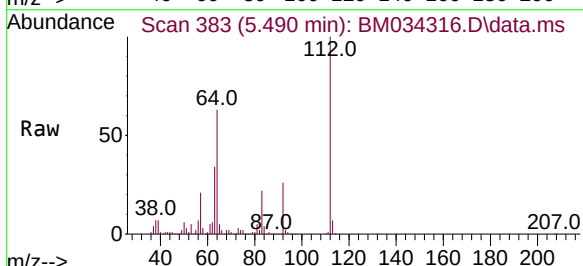
Tgt Ion:112 Resp: 751419

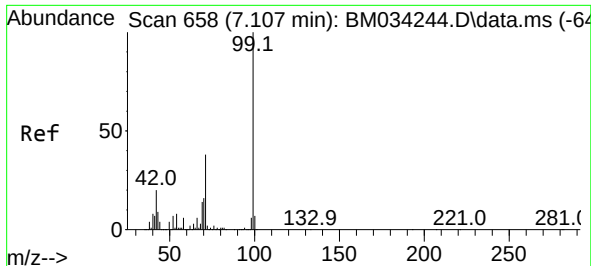
Ion Ratio Lower Upper

112 100

64 63.0 47.9 71.9

63 34.4 27.1 40.7

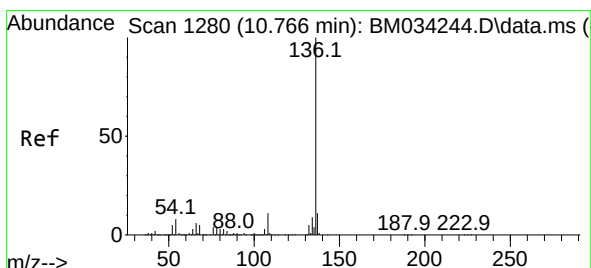
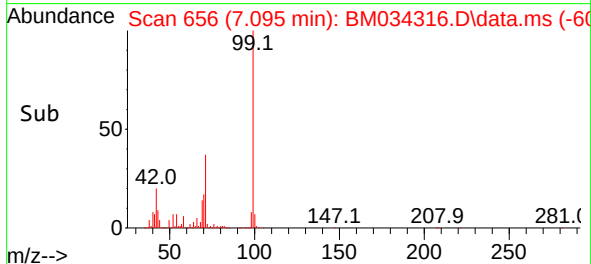
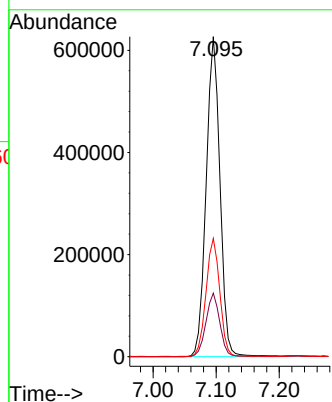
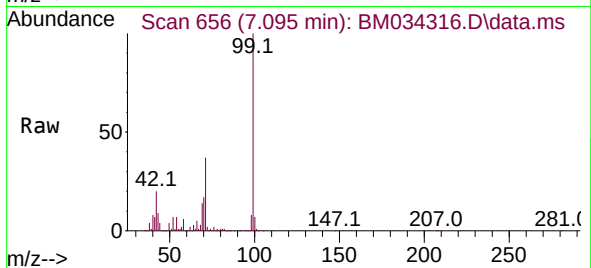




#7  
Phenol-d6  
Concen: 82.516 ng  
RT: 7.095 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

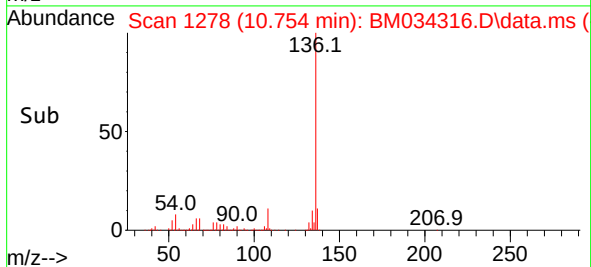
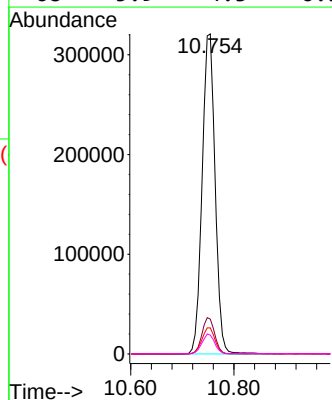
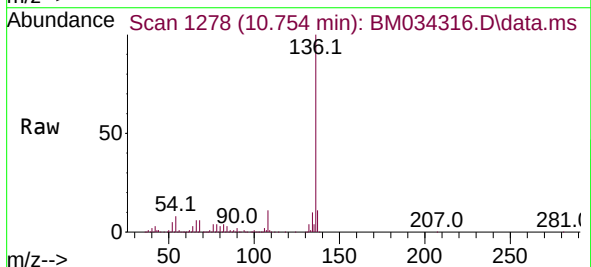
Instrument :  
BNA\_M  
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SB-12-20220315-19.0-20.0

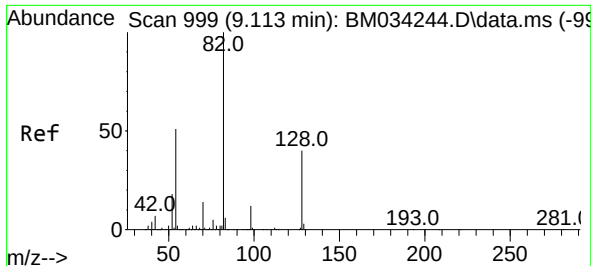
Tgt Ion: 99 Resp: 951780  
Ion Ratio Lower Upper  
99 100  
42 19.9 15.6 23.4  
71 37.0 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.754 min Scan# 1278  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

Tgt Ion:136 Resp: 559287  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.2 6.2 9.4  
68 5.9 4.3 6.5

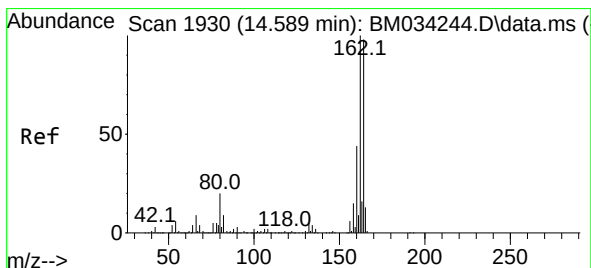
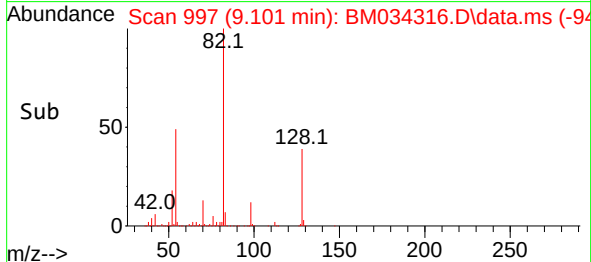
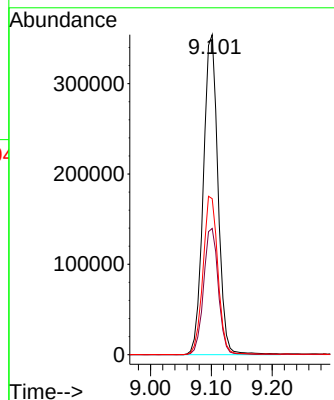
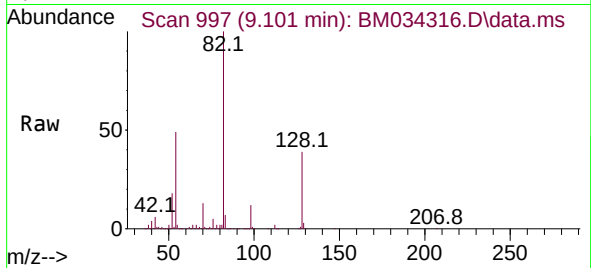




#23  
Nitrobenzene-d5  
Concen: 51.713 ng  
RT: 9.101 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

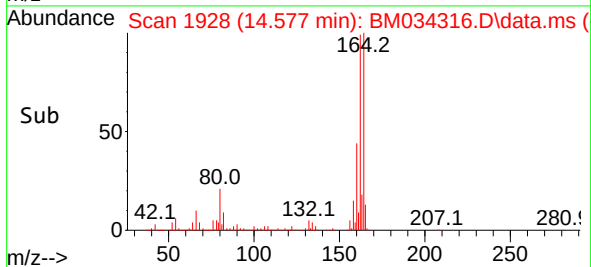
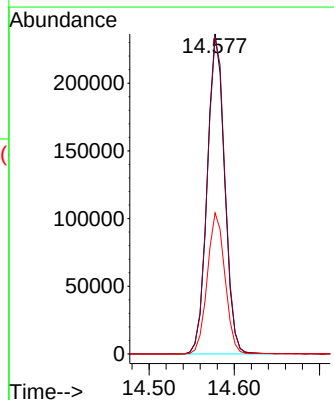
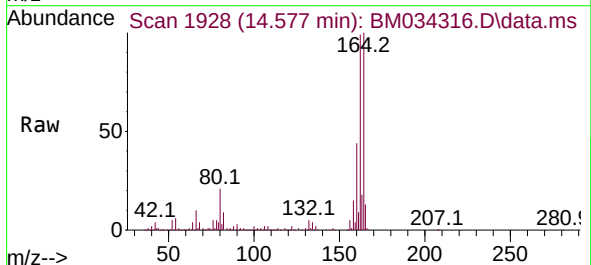
Instrument :  
BNA\_M  
ClientSampleId :  
SB-12-20220315-19.0-20.0

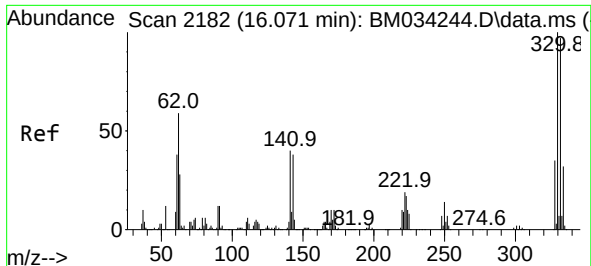
Tgt Ion: 82 Resp: 594049  
Ion Ratio Lower Upper  
82 100  
128 39.4 31.9 47.9  
54 48.8 40.6 61.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.577 min Scan# 1928  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

Tgt Ion: 164 Resp: 334586  
Ion Ratio Lower Upper  
164 100  
162 98.8 81.6 122.4  
160 44.1 35.6 53.4

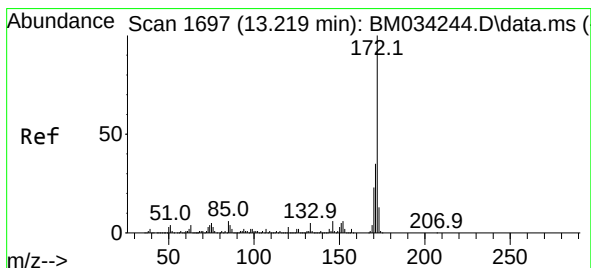
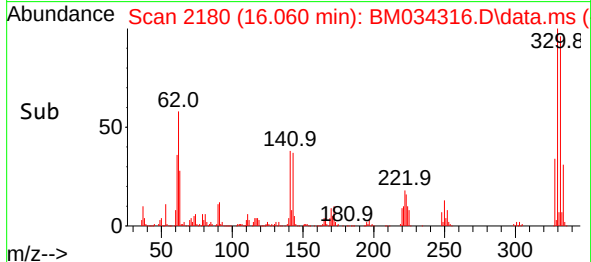
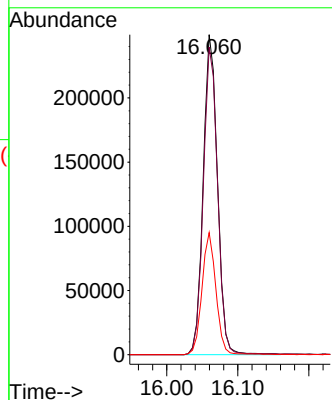
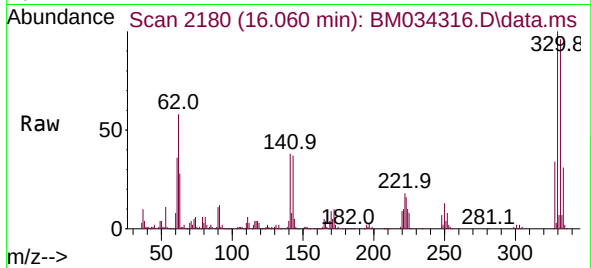




#42  
2,4,6-Tribromophenol  
Concen: 77.391 ng  
RT: 16.060 min Scan# 2182  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

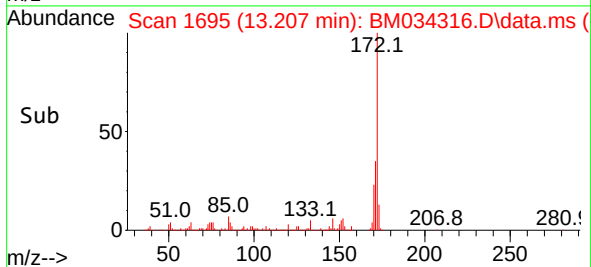
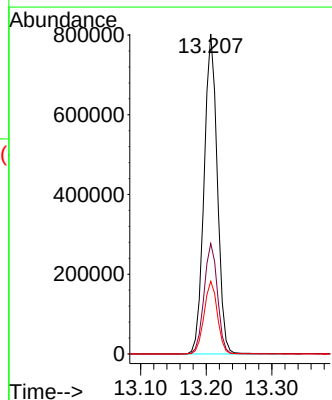
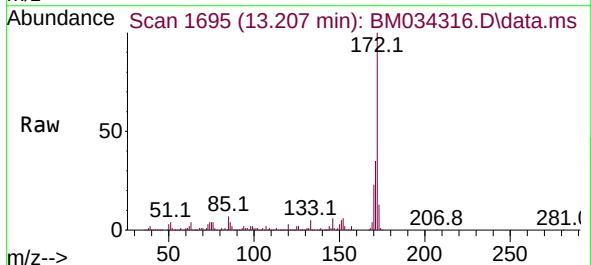
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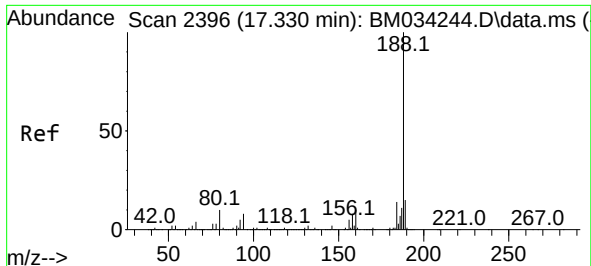
Tgt Ion:330 Resp: 349018  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.2 117.4  
141 37.3 30.6 45.8



#45  
2-Fluorobiphenyl  
Concen: 46.139 ng  
RT: 13.207 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

Tgt Ion:172 Resp: 1129728  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.0 42.0  
170 22.7 18.6 28.0

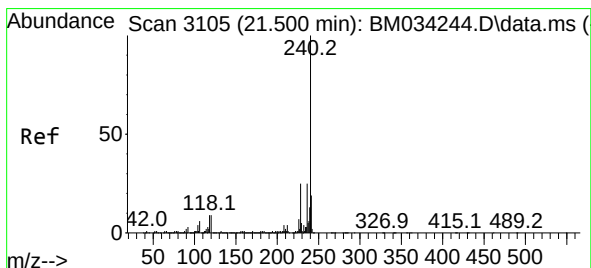
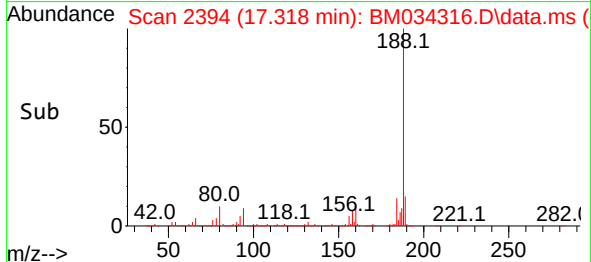
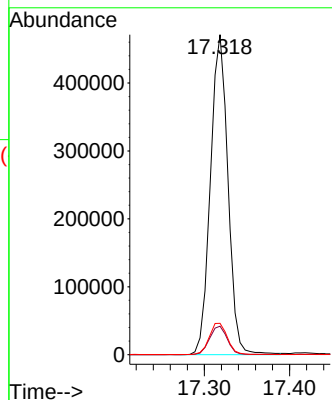
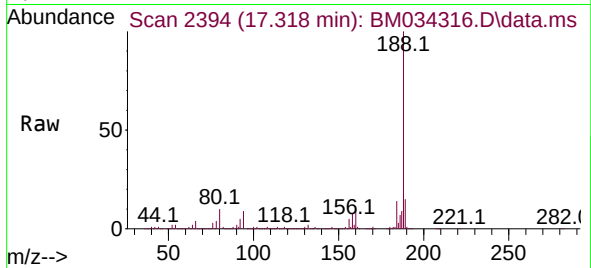




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.318 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

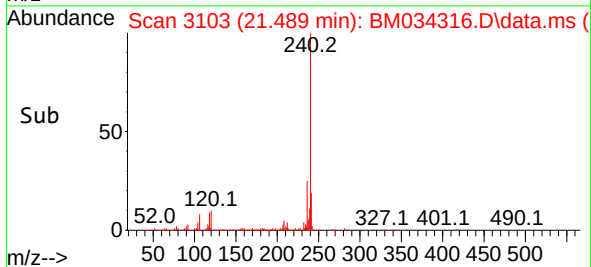
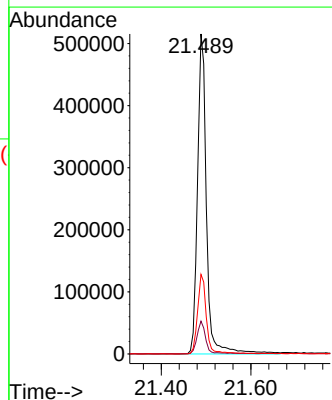
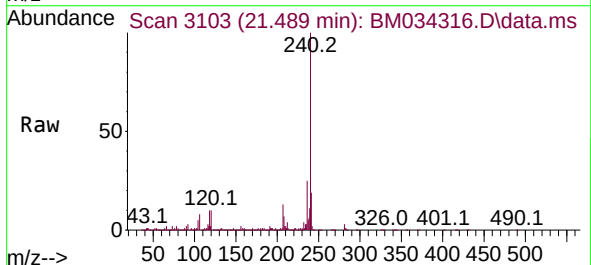
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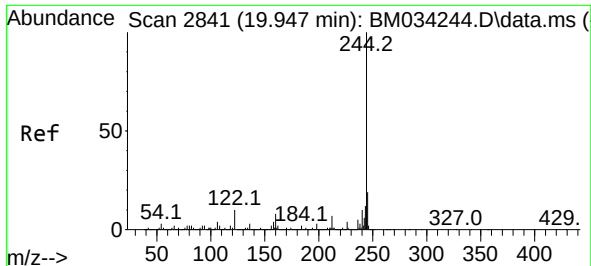
Tgt Ion:188 Resp: 673464  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 9.8  
80 9.8 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3103  
Delta R.T. -0.012 min  
Lab File: BM034316.D  
Acq: 22 Mar 2022 18:50

Tgt Ion:240 Resp: 715042  
Ion Ratio Lower Upper  
240 100  
120 10.3 7.3 10.9  
236 24.8 20.2 30.2

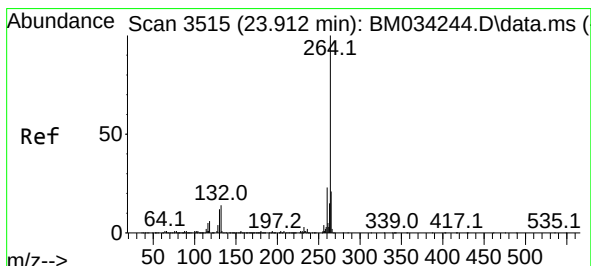
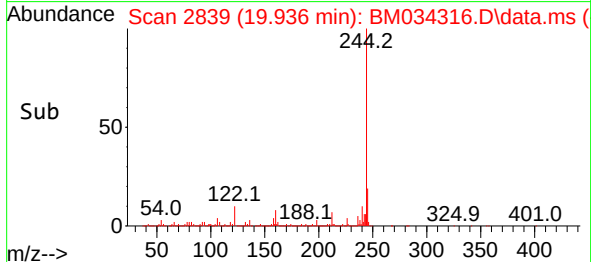
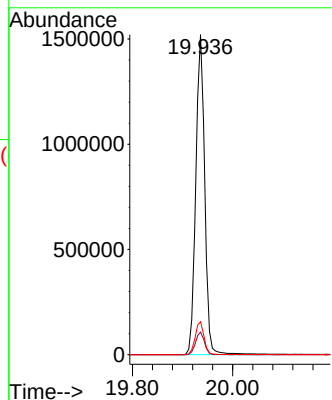
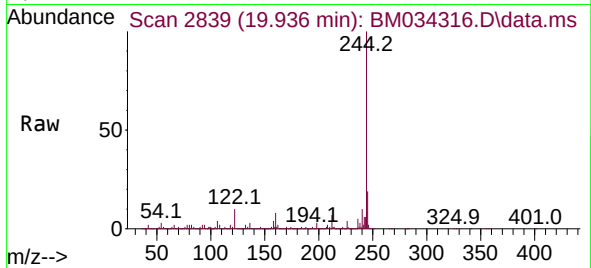




#79  
 Terphenyl-d14  
 Concen: 45.695 ng  
 RT: 19.936 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM034316.D  
 Acq: 22 Mar 2022 18:50

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 BNA\_M  
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 SB-12-20220315-19.0-20.0

Tgt Ion:244 Resp: 1880386  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 10.3 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.900 min Scan# 3513  
 Delta R.T. -0.012 min  
 Lab File: BM034316.D  
 Acq: 22 Mar 2022 18:50

Tgt Ion:264 Resp: 762289  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 18.6 28.0  
 265 22.4 17.6 26.4

