

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032222\  
 Data File : BM034318.D  
 Acq On : 22 Mar 2022 20:03  
 Operator : CG/JU  
 Sample : N1960-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13-20220316-18.0-19.0

Quant Time: Mar 23 05:06:27 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   | 7.936  | 152  | 146124   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.748 | 136  | 556999   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.577 | 164  | 328362   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.318 | 188  | 646371   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.489 | 240  | 674549   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.900 | 264  | 726712   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.490  | 112  | 833318   | 102.306 | ng    | -0.01    |
| 7) Phenol-d6                | 7.095  | 99   | 1053585  | 90.342  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.101  | 82   | 684971   | 59.873  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.059 | 330  | 386897   | 87.417  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.207 | 172  | 1289904  | 53.680  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.936 | 244  | 1882891  | 48.502  | ng    | -0.01    |

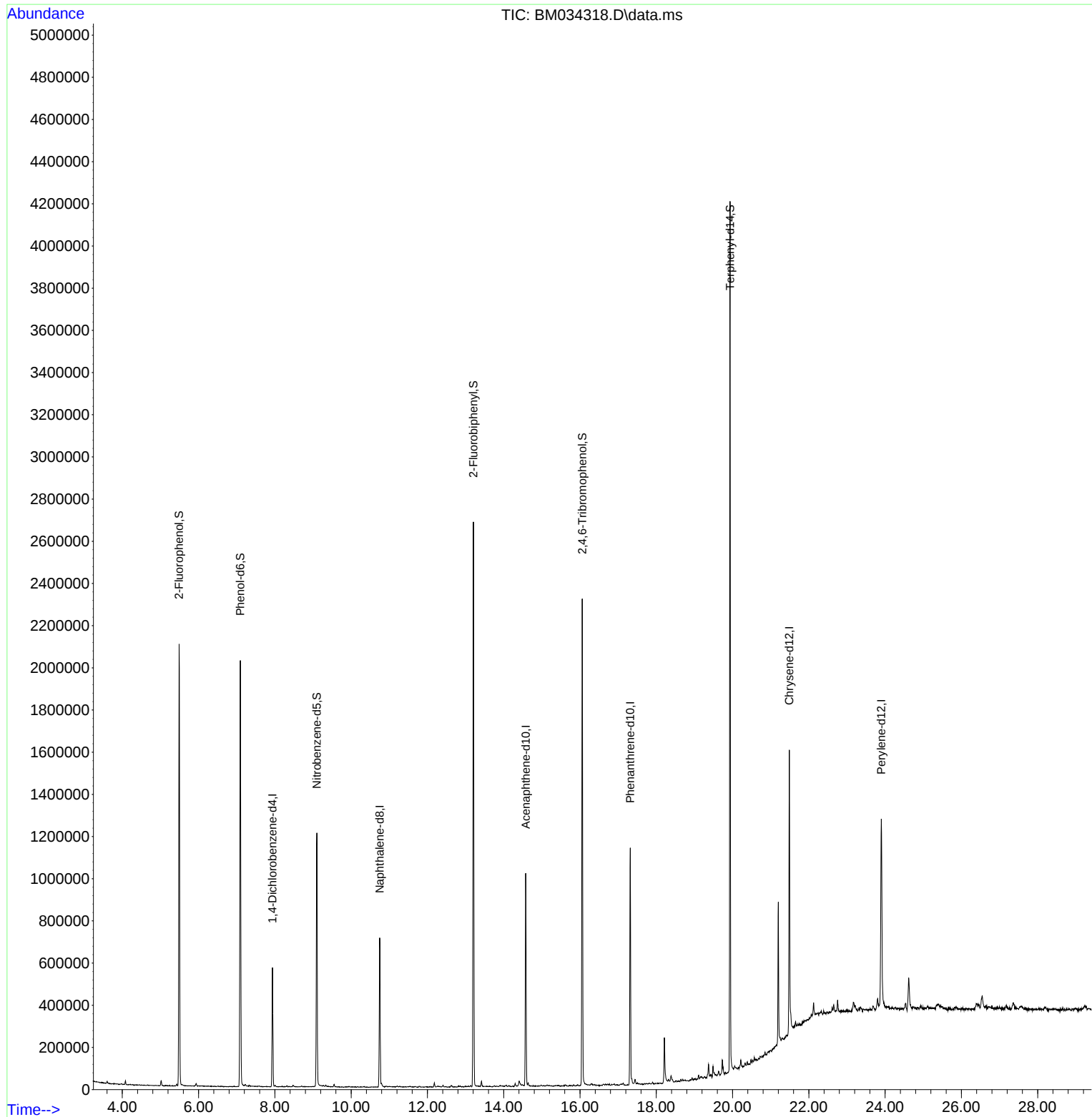
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

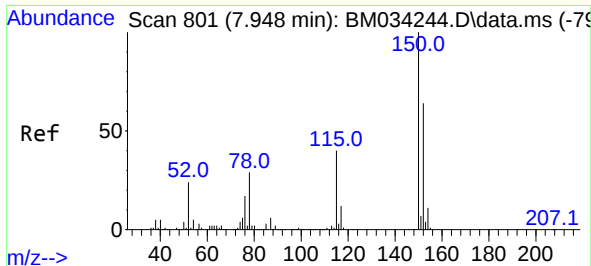
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 16 02:38:26 2022  
Response via : Initial Calibration

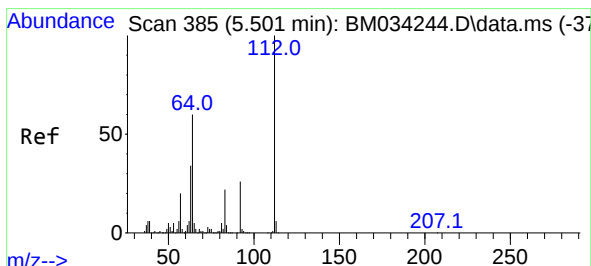
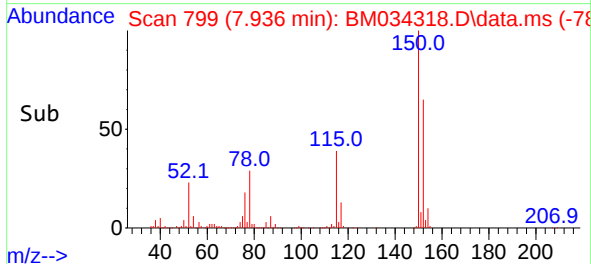
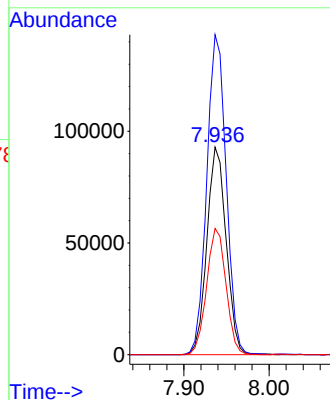
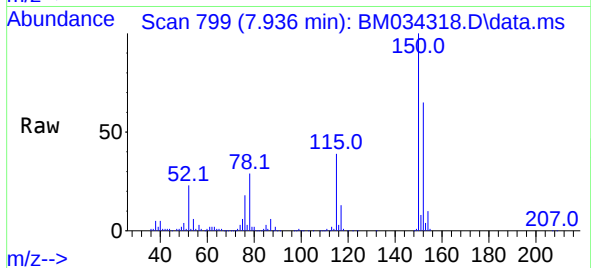




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.936 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

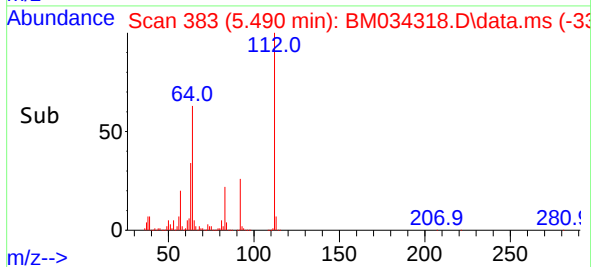
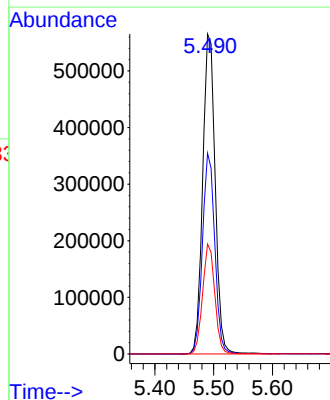
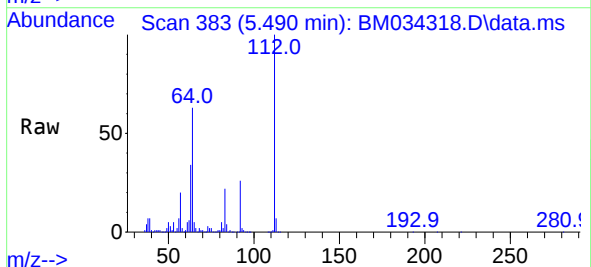
Instrument :  
BNA\_M  
ClientSampleId :  
SB-13-20220316-18.0-19.0

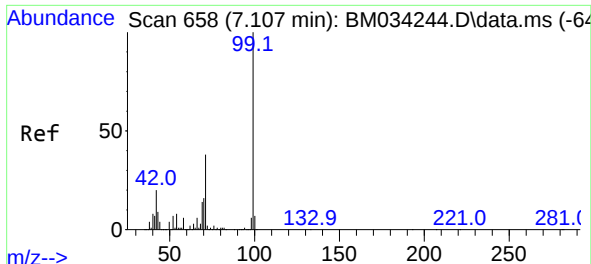
Tgt Ion:152 Resp: 146124  
Ion Ratio Lower Upper  
152 100  
150 154.3 125.4 188.2  
115 60.9 50.1 75.1



#5  
2-Fluorophenol  
Concen: 102.306 ng  
RT: 5.490 min Scan# 383  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

Tgt Ion:112 Resp: 833318  
Ion Ratio Lower Upper  
112 100  
64 62.7 47.9 71.9  
63 34.3 27.1 40.7



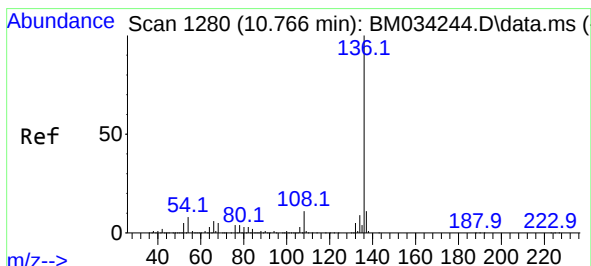
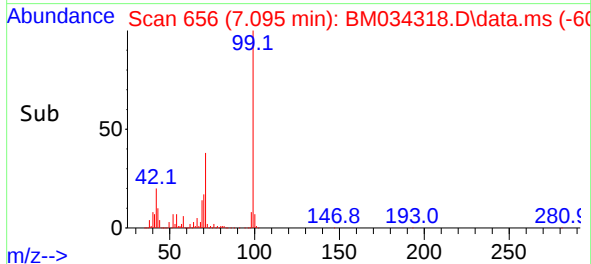
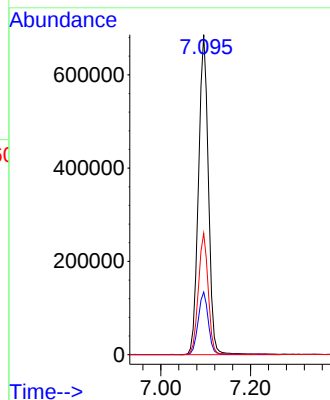
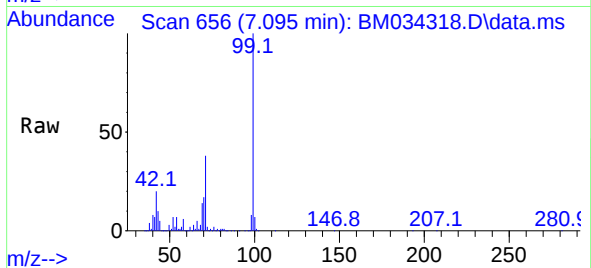


#7  
Phenol-d6  
Concen: 90.342 ng  
RT: 7.095 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13-20220316-18.0-19.0

Tgt Ion: 99 Resp: 1053585

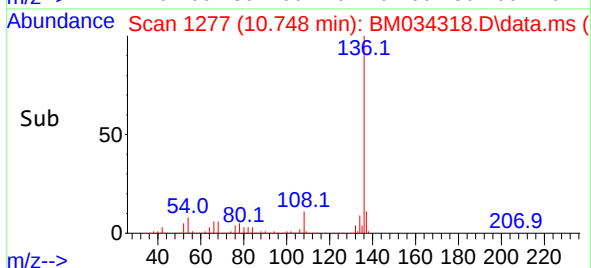
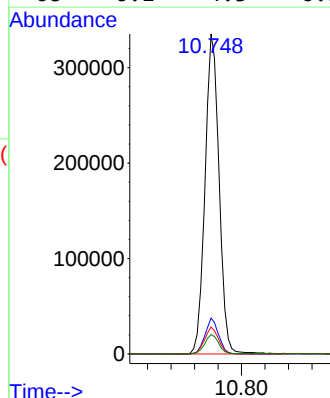
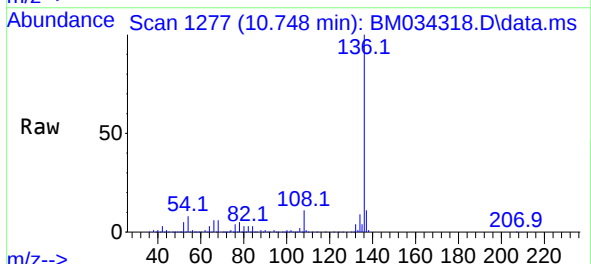
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 15.6  | 23.4  |
| 71  | 38.0  | 30.6  | 46.0  |

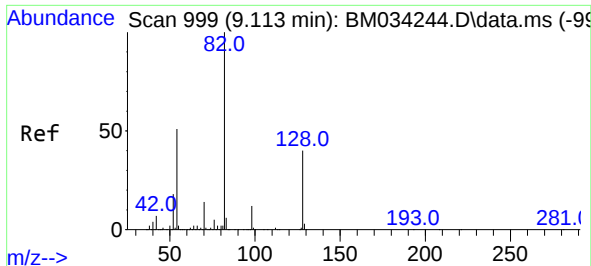


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.748 min Scan# 1277  
Delta R.T. -0.018 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

Tgt Ion: 136 Resp: 556999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 13.0  |
| 54  | 8.4   | 6.2   | 9.4   |
| 68  | 6.1   | 4.3   | 6.5   |





#23

Nitrobenzene-d5

Concen: 59.873 ng

RT: 9.101 min Scan# 997

Delta R.T. -0.012 min

Lab File: BM034318.D

Acq: 22 Mar 2022 20:03

Instrument :

BNA\_M

ClientSampleId :

SB-13-20220316-18.0-19.0

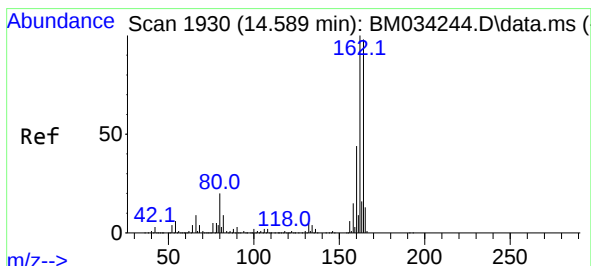
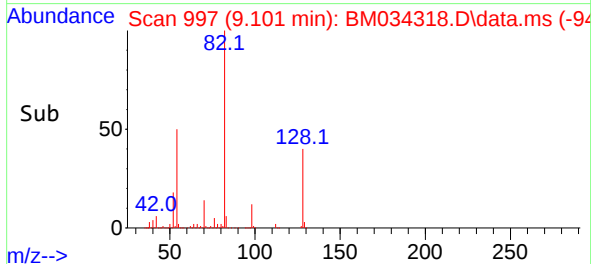
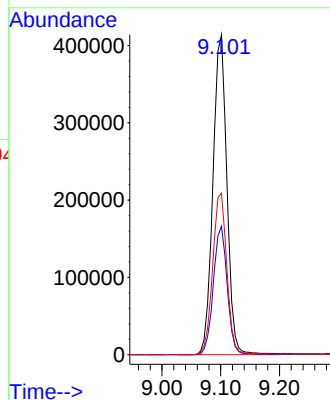
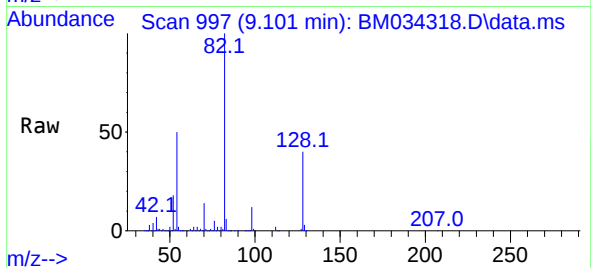
Tgt Ion: 82 Resp: 684971

Ion Ratio Lower Upper

82 100

128 40.1 31.9 47.9

54 50.4 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: BM034318.D

Acq: 22 Mar 2022 20:03

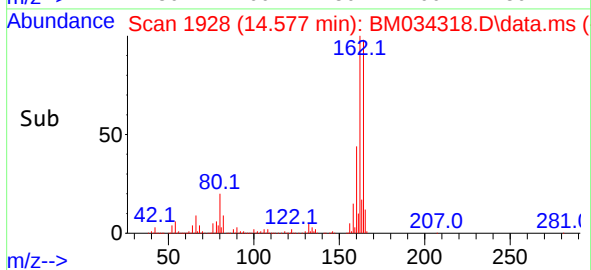
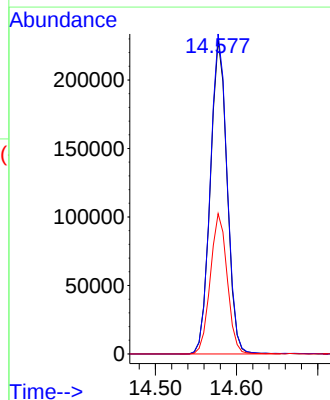
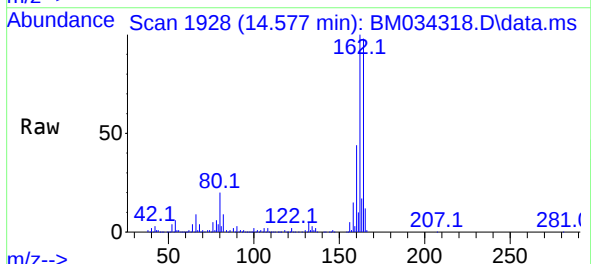
Tgt Ion: 164 Resp: 328362

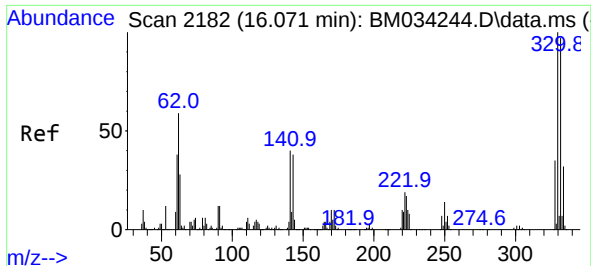
Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 44.7 35.6 53.4

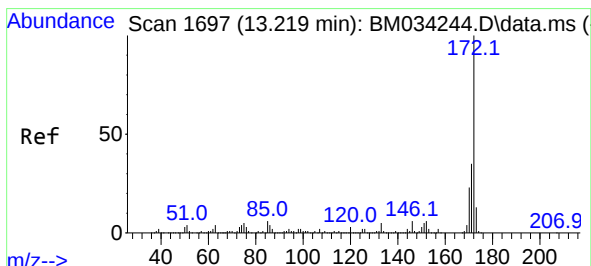
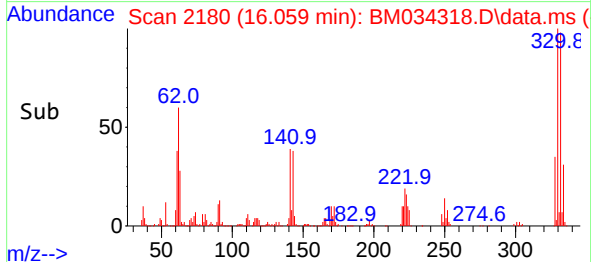
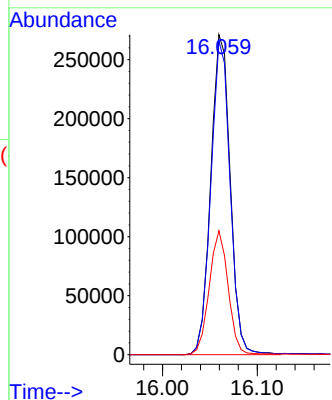
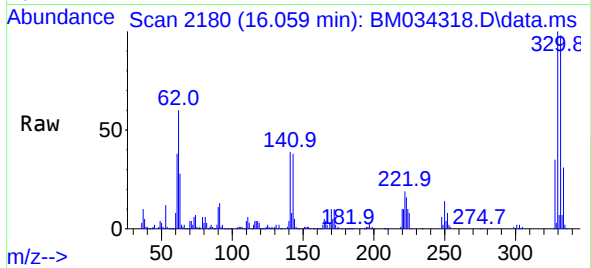




#42  
2,4,6-Tribromophenol  
Concen: 87.417 ng  
RT: 16.059 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

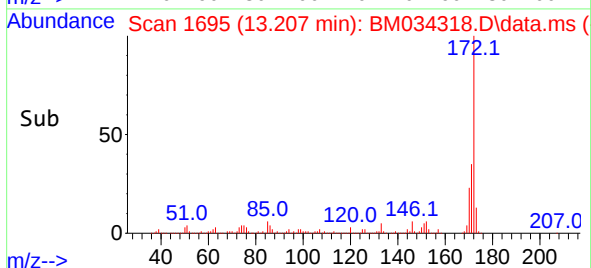
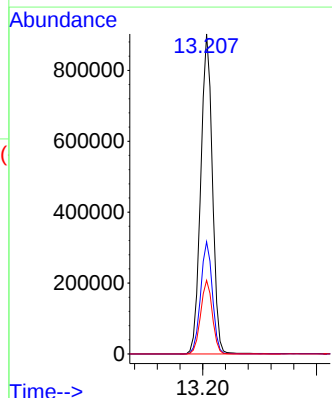
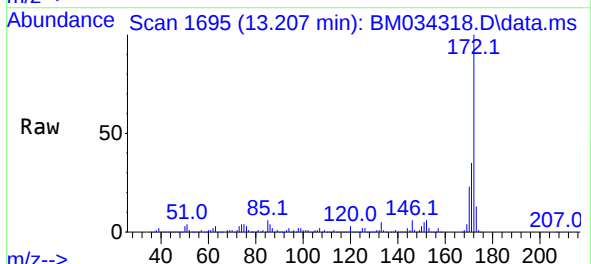
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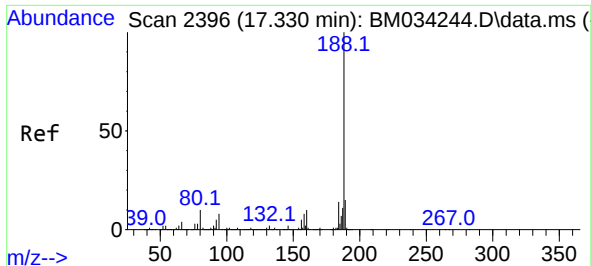
Tgt Ion:330 Resp: 386897  
Ion Ratio Lower Upper  
330 100  
332 97.5 78.2 117.4  
141 38.0 30.6 45.8



#45  
2-Fluorobiphenyl  
Concen: 53.680 ng  
RT: 13.207 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

Tgt Ion:172 Resp: 1289904  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.0 18.6 28.0

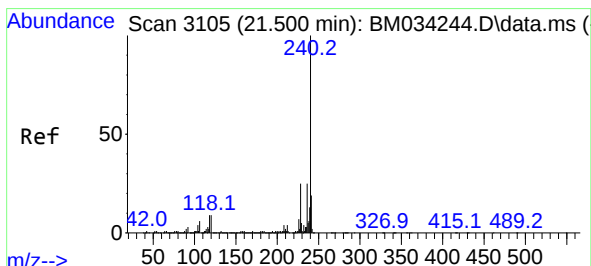
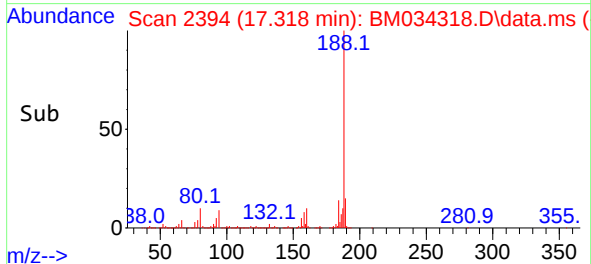
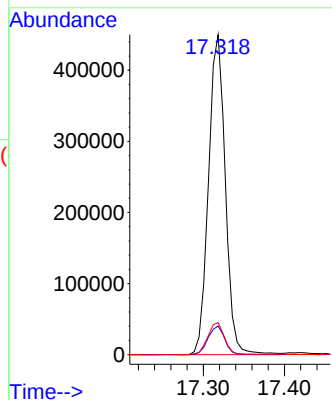
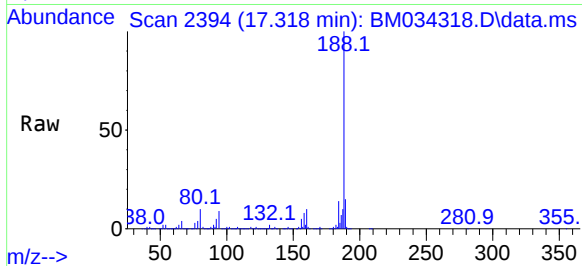




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.318 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

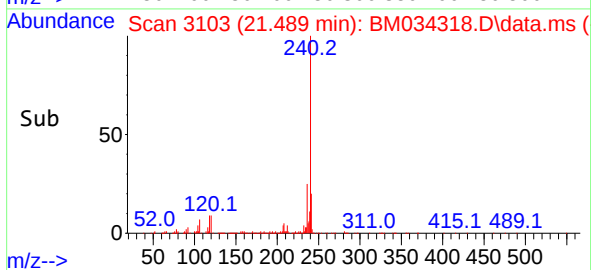
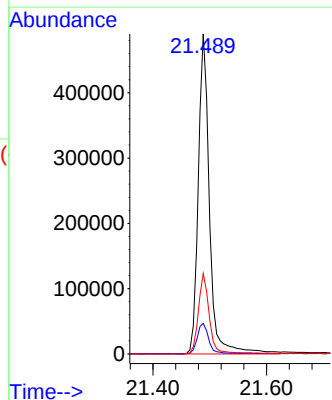
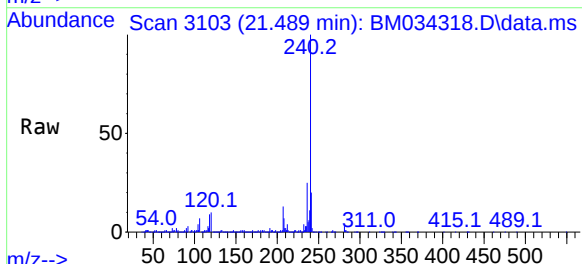
Instrument :  
BNA\_M  
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SB-13-20220316-18.0-19.0

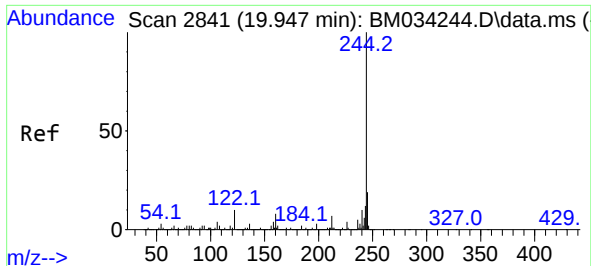
Tgt Ion:188 Resp: 646371  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 9.8  
80 10.1 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3103  
Delta R.T. -0.012 min  
Lab File: BM034318.D  
Acq: 22 Mar 2022 20:03

Tgt Ion:240 Resp: 674549  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.3 10.9  
236 25.1 20.2 30.2

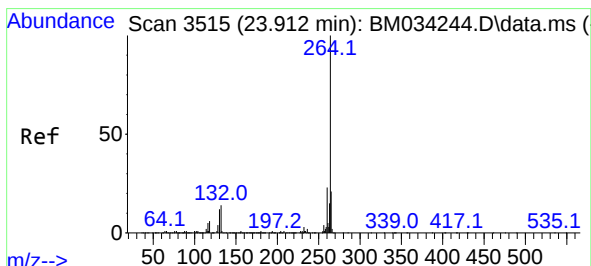
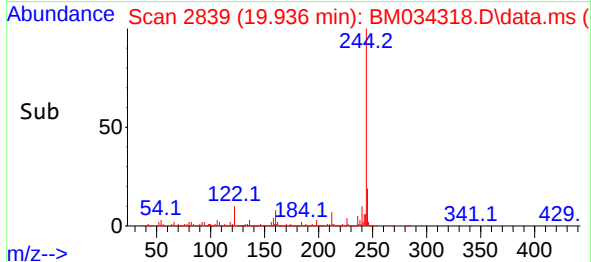
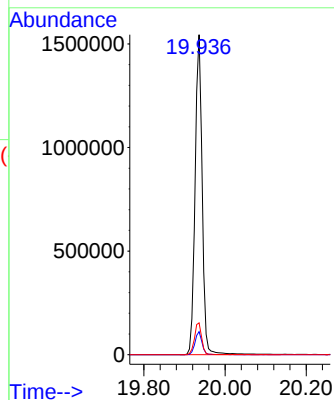
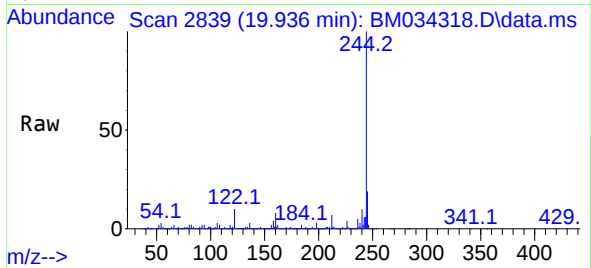




#79  
 Terphenyl-d14  
 Concen: 48.502 ng  
 RT: 19.936 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM034318.D  
 Acq: 22 Mar 2022 20:03

Instrument :  
 BNA\_M  
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 SB-13-20220316-18.0-19.0

Tgt Ion:244 Resp: 1882891  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 10.0 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: BM034318.D  
 Acq: 22 Mar 2022 20:03

Tgt Ion:264 Resp: 726712  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.6 28.0  
 265 21.9 17.6 26.4

