

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042825\  
 Data File : BP024443.D  
 Acq On : 28 Apr 2025 19:04  
 Operator : RC/JU  
 Sample : Q1892-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-H

Quant Time: Apr 29 01:24:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

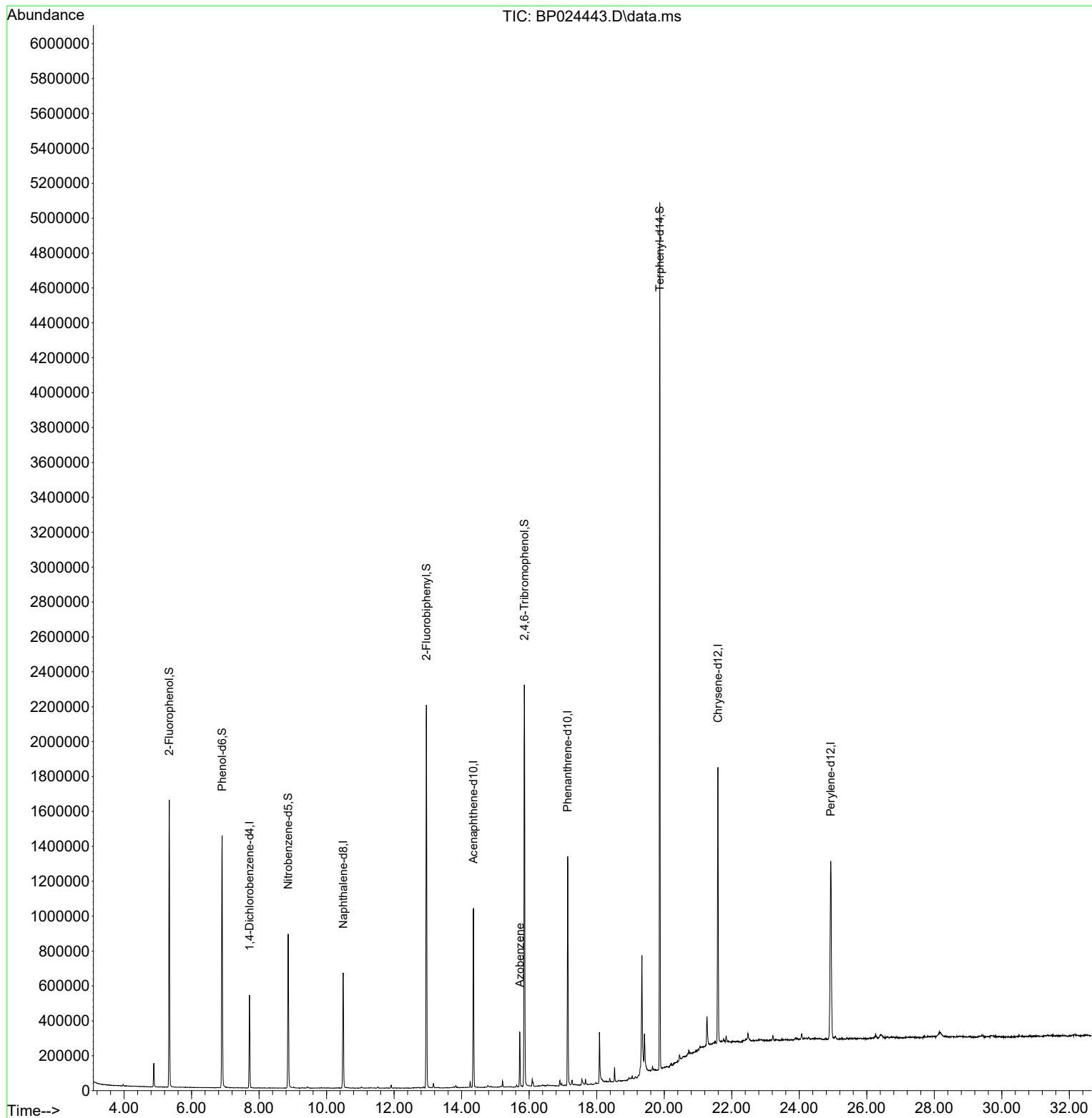
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|---------|-------|---------------|
| -----                       |        |      |          |         |       |               |
| Internal Standards          |        |      |          |         |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.716  | 152  | 142412   | 20.000  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.493 | 136  | 566095   | 20.000  | ng    | # 0.00        |
| 39) Acenaphthene-d10        | 14.351 | 164  | 373482   | 20.000  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.139 | 188  | 791411   | 20.000  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.592 | 240  | 910326   | 20.000  | ng    | 0.00          |
| 86) Perylene-d12            | 24.933 | 264  | 1066099  | 20.000  | ng    | 0.00          |
| System Monitoring Compounds |        |      |          |         |       |               |
| 5) 2-Fluorophenol           | 5.340  | 112  | 701321   | 81.426  | ng    | 0.00          |
| 7) Phenol-d6                | 6.904  | 99   | 880922   | 74.695  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.863  | 82   | 525021   | 52.884  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 15.857 | 330  | 558705   | 108.123 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 12.957 | 172  | 1205232  | 49.409  | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.868 | 244  | 2313831  | 51.233  | ng    | 0.00          |
| Target Compounds            |        |      |          |         |       |               |
| 63) Azobenzene              | 15.722 | 77   | 85964    | 3.342   | ng    | Qvalue<br># 1 |
| -----                       |        |      |          |         |       |               |

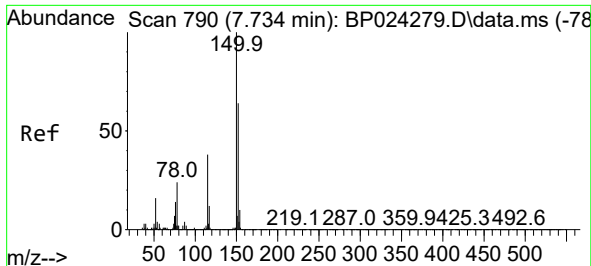
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042825\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 18 12:04:48 2025  
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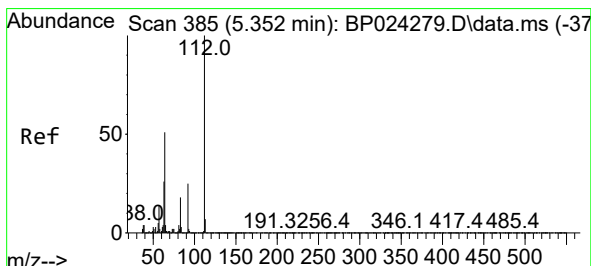
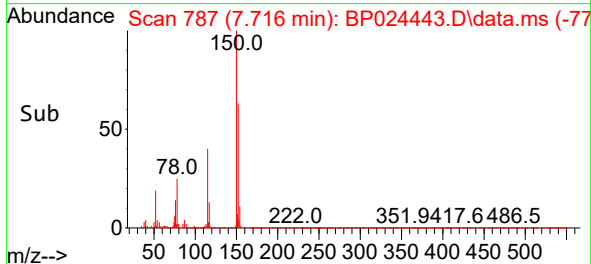
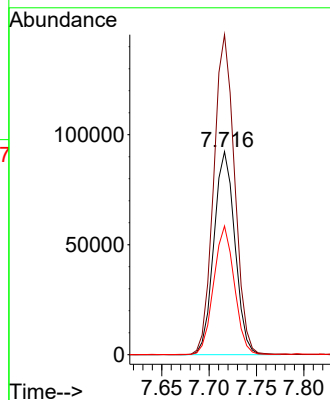
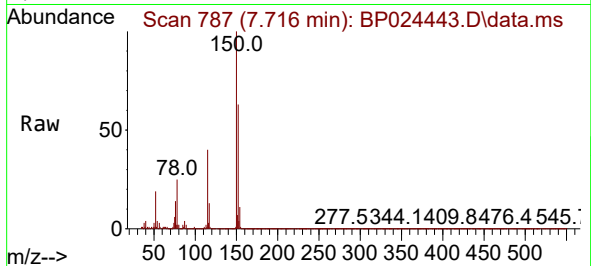




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.716 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

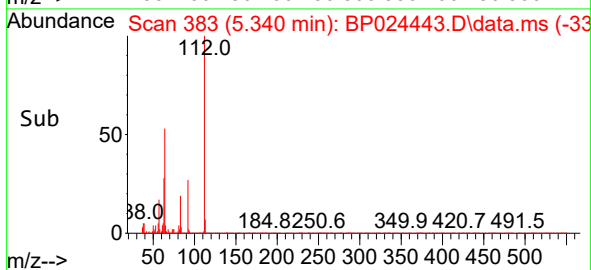
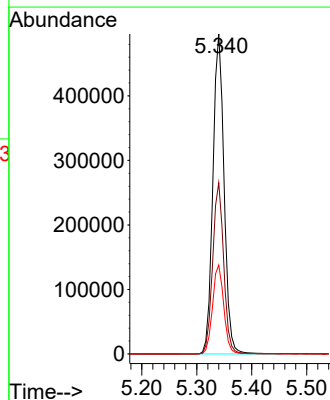
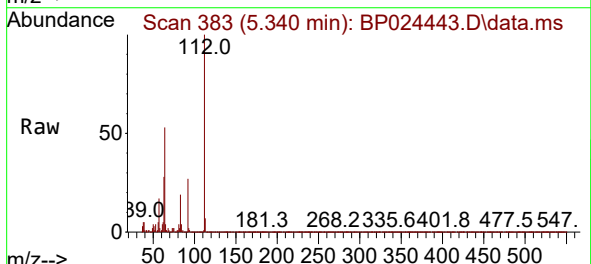
Instrument :  
BNA\_P  
ClientSampleId :  
MH-H

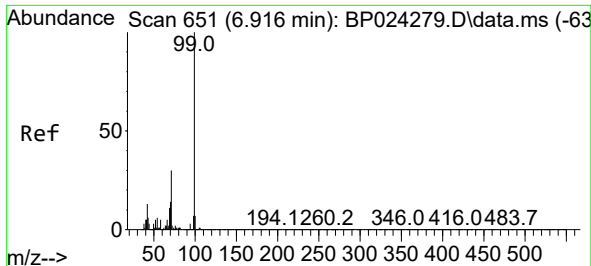
Tgt Ion:152 Resp: 142412  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.9 187.3  
115 63.3 47.7 71.5



#5  
2-Fluorophenol  
Concen: 81.426 ng  
RT: 5.340 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

Tgt Ion:112 Resp: 701321  
Ion Ratio Lower Upper  
112 100  
64 53.5 41.1 61.7  
63 27.8 20.6 30.8

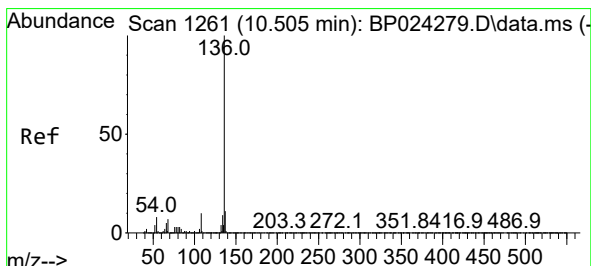
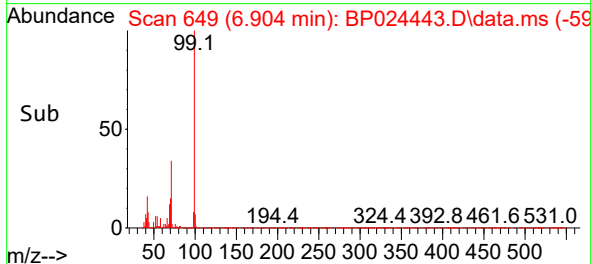
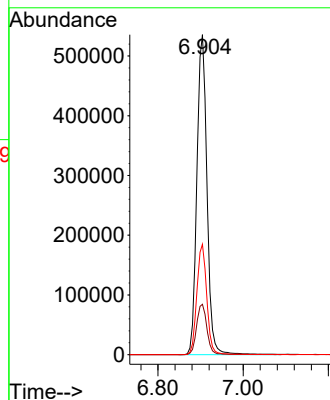
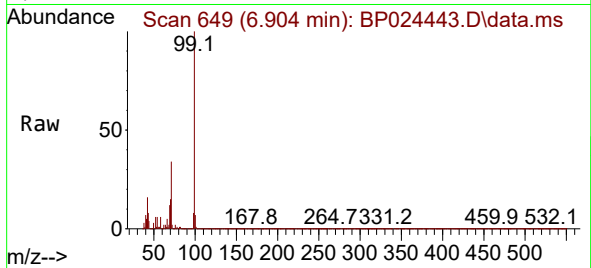




#7  
Phenol-d6  
Concen: 74.695 ng  
RT: 6.904 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

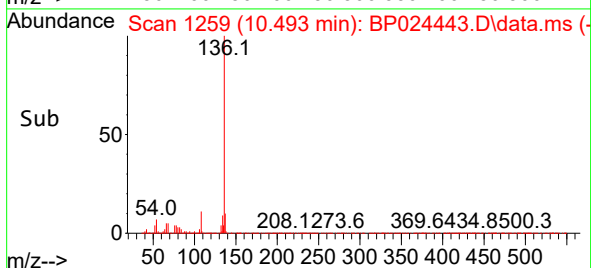
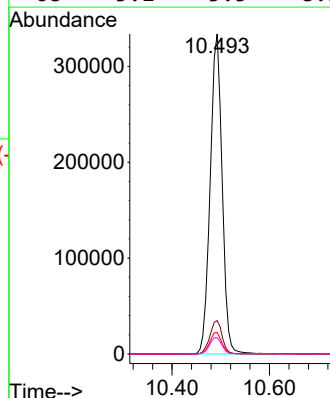
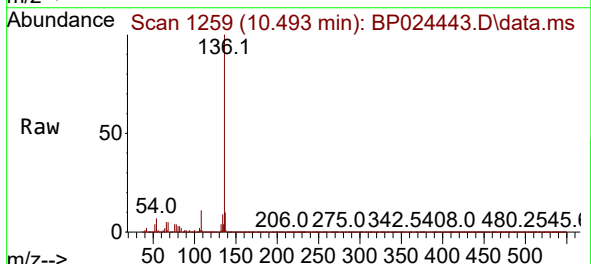
Instrument :  
BNA\_P  
ClientSampleId :  
MH-H

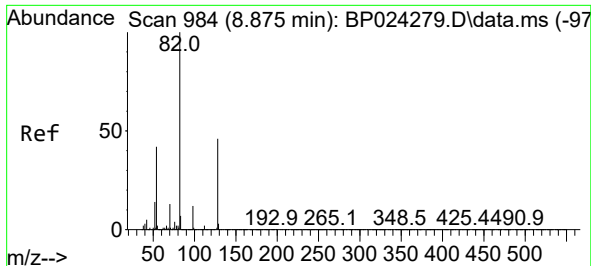
Tgt Ion: 99 Resp: 880922  
Ion Ratio Lower Upper  
99 100  
42 15.7 10.6 16.0  
71 34.5 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

Tgt Ion: 136 Resp: 566095  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.2 13.8  
54 6.8 6.0 9.0  
68 5.1 5.5 8.3

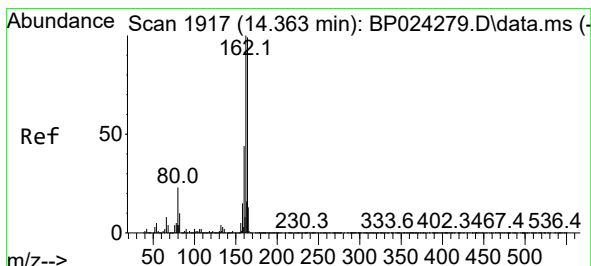
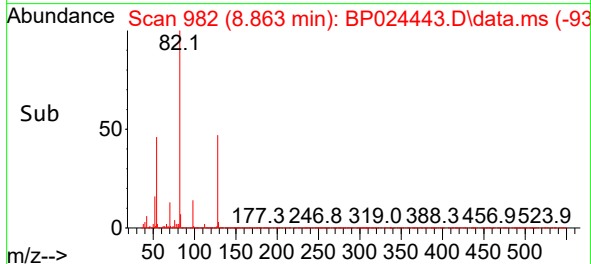
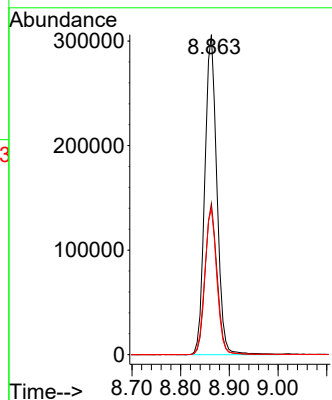
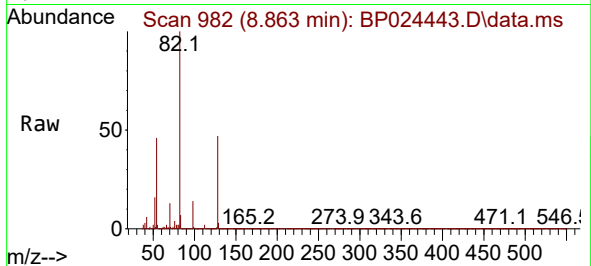




#23  
 Nitrobenzene-d5  
 Concen: 52.884 ng  
 RT: 8.863 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BP024443.D  
 Acq: 28 Apr 2025 19:04

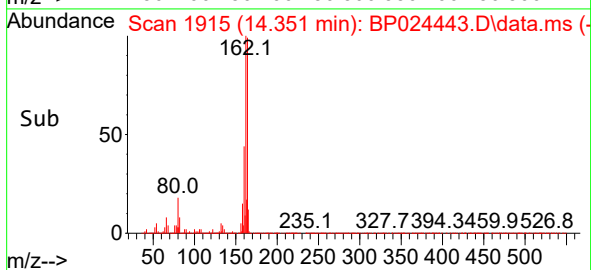
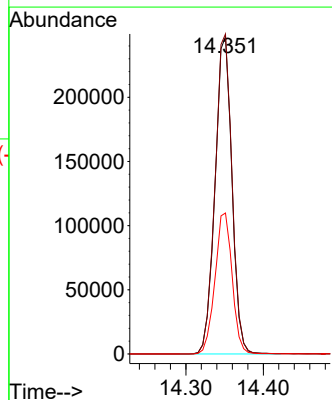
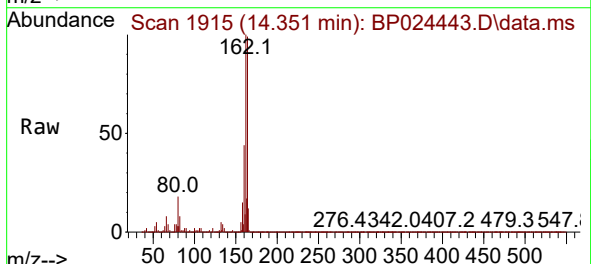
Instrument :  
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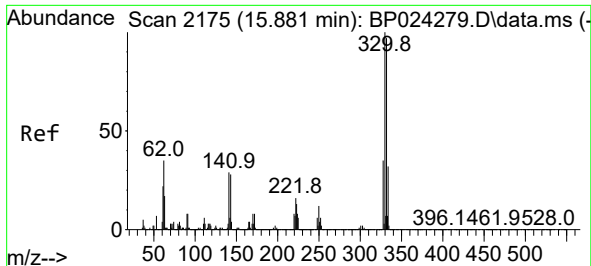
Tgt Ion: 82 Resp: 525021  
 Ion Ratio Lower Upper  
 82 100  
 128 47.2 36.5 54.7  
 54 45.7 33.4 50.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.351 min Scan# 1915  
 Delta R.T. -0.000 min  
 Lab File: BP024443.D  
 Acq: 28 Apr 2025 19:04

Tgt Ion: 164 Resp: 373482  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 80.6 120.8  
 160 44.4 35.3 52.9

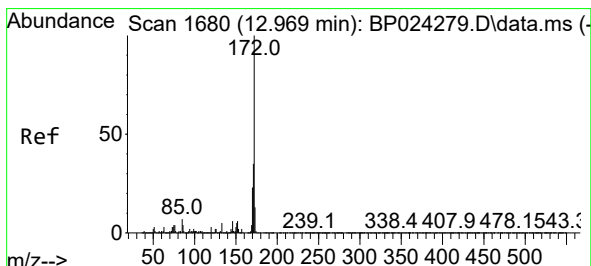
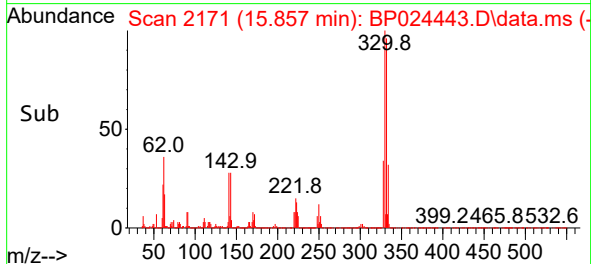
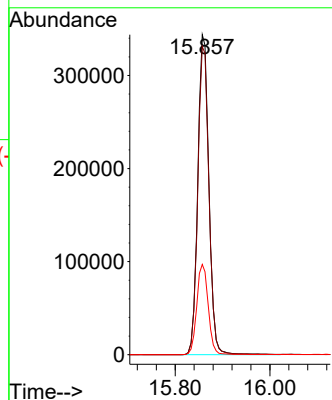
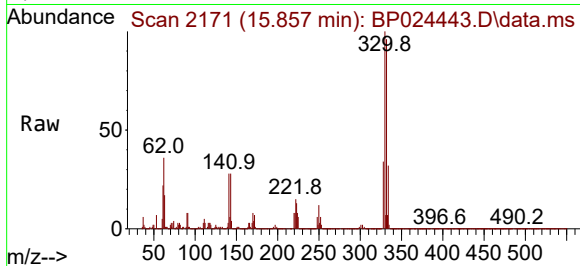




#42  
2,4,6-Tribromophenol  
Concen: 108.123 ng  
RT: 15.857 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

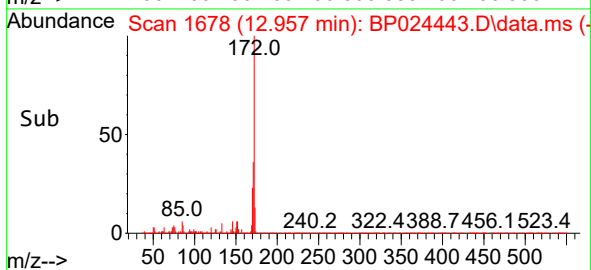
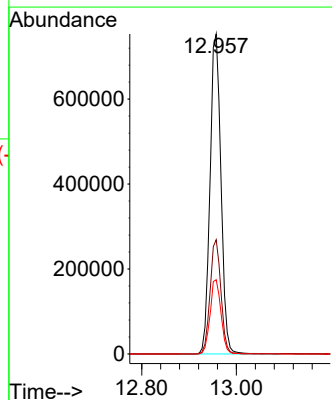
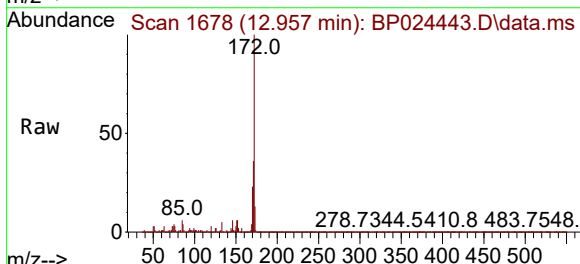
Instrument :  
BNA\_P  
ClientSampleId :  
MH-H

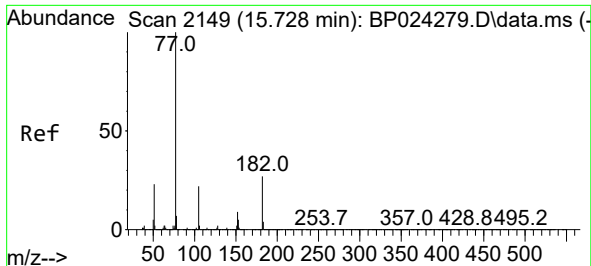
Tgt Ion:330 Resp: 558705  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 29.0 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 49.409 ng  
RT: 12.957 min Scan# 1678  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

Tgt Ion:172 Resp: 1205232  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.2  
170 23.2 18.6 27.8

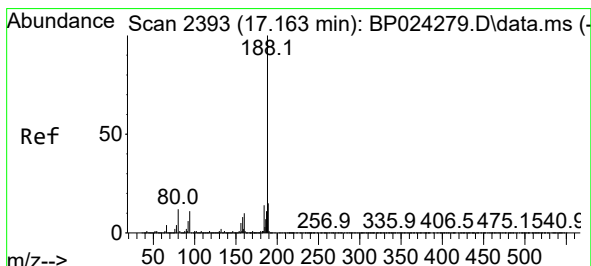
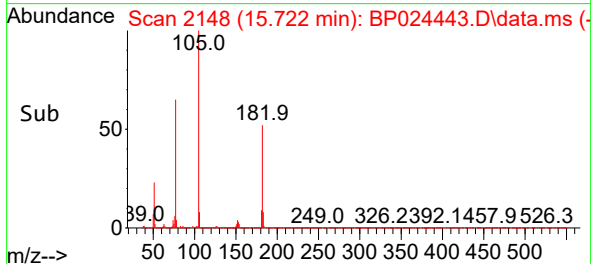
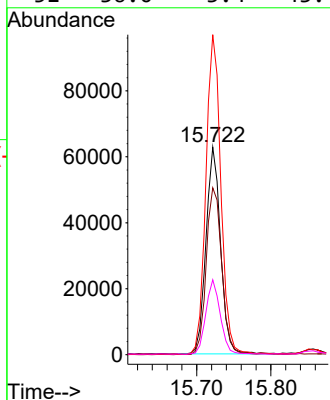
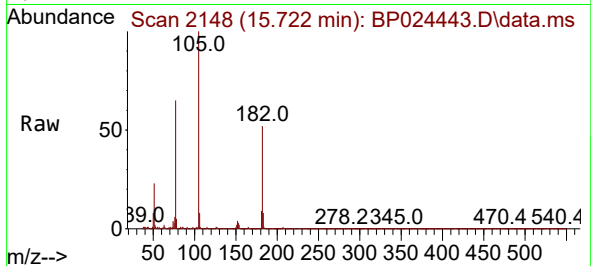




#63  
Azobenzene  
Concen: 3.342 ng  
RT: 15.722 min Scan# 2149  
Delta R.T. 0.012 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

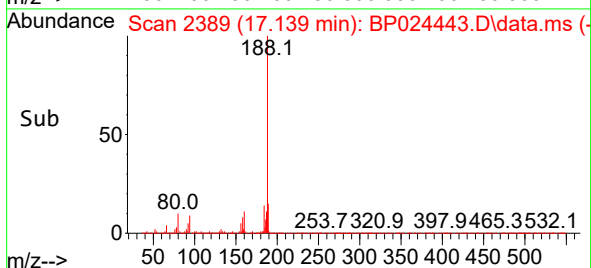
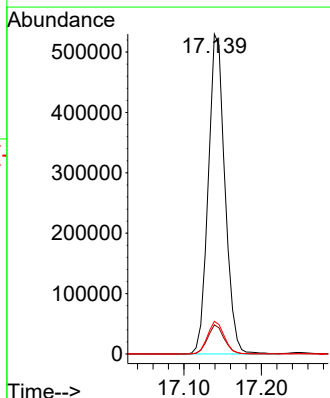
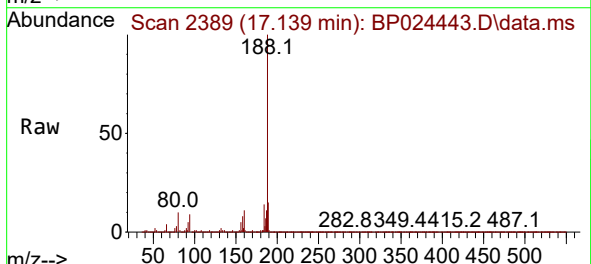
Instrument :  
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ClientSampleId :  
MH-H

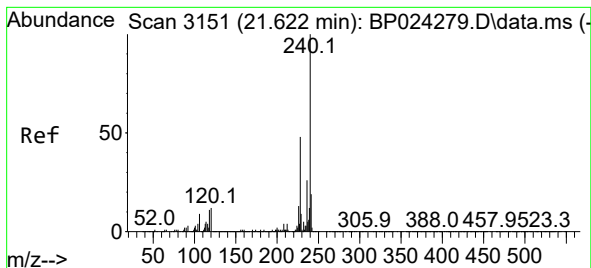
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 85964 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 80.4    | 7.3 47.3#   |
| 105 154.2   | 2.3 42.3#   |
| 51 36.0     | 3.4 43.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 2389  
Delta R.T. -0.006 min  
Lab File: BP024443.D  
Acq: 28 Apr 2025 19:04

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 791411 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 9.1       | 8.6 13.0     |
| 80 10.2      | 9.8 14.6     |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP024443.D

Acq: 28 Apr 2025 19:04

Instrument :

BNA\_P

ClientSampleId :

MH-H

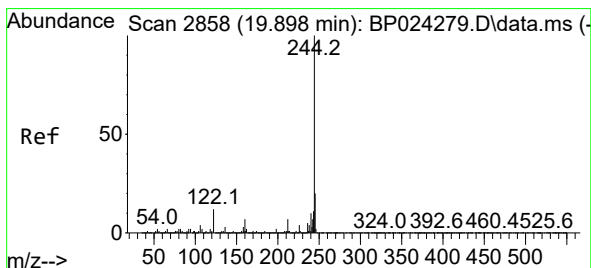
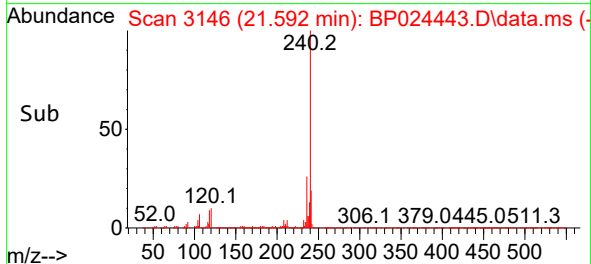
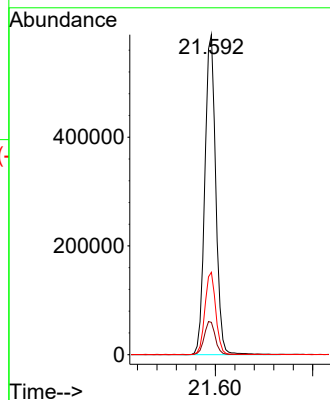
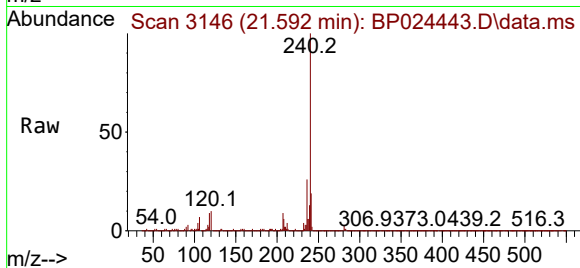
Tgt Ion:240 Resp: 910326

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 51.233 ng

RT: 19.868 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024443.D

Acq: 28 Apr 2025 19:04

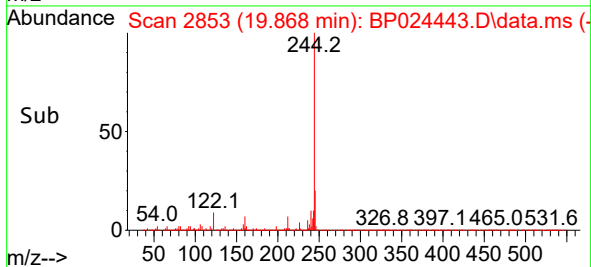
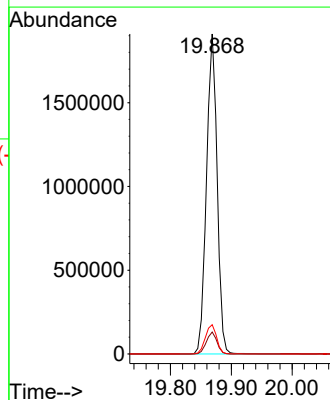
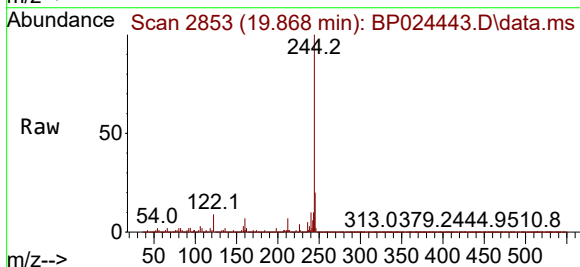
Tgt Ion:244 Resp: 2313831

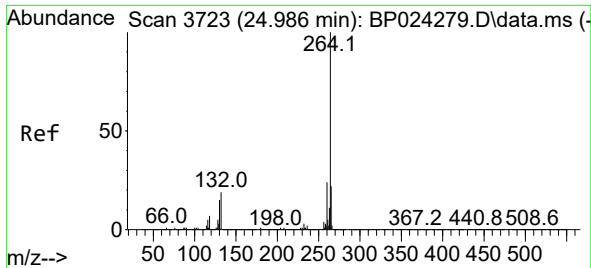
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.1 9.4 14.0#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.933 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BP024443.D  
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Tgt Ion:264 Resp: 1066099  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 22.0 17.8 26.6

