

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062025\  
 Data File : BP025030.D  
 Acq On : 20 Jun 2025 23:13  
 Operator : RC/JU  
 Sample : Q2354-01DL 20X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 3321DL

Quant Time: Jun 21 00:15:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

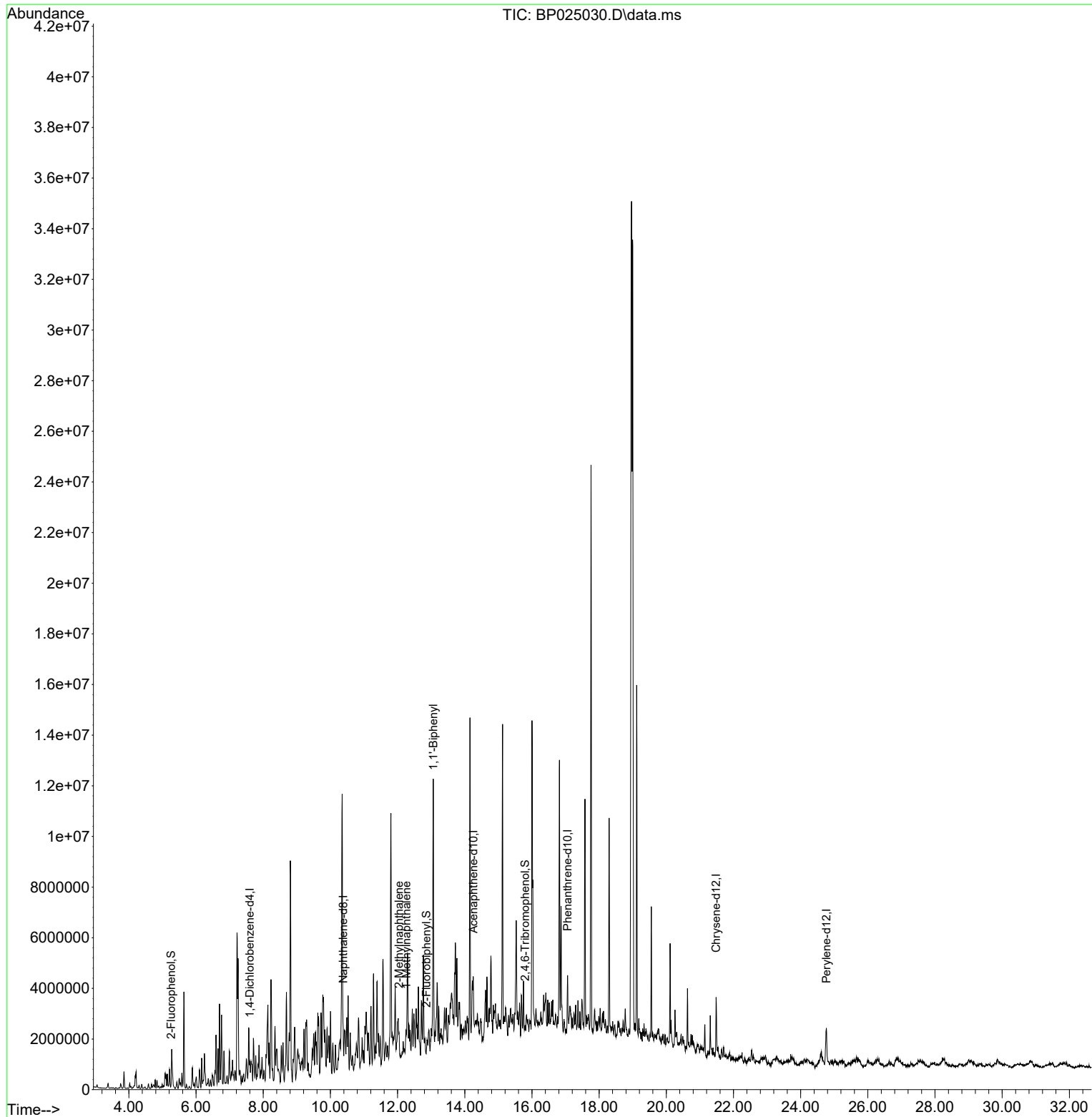
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.602  | 152  | 269162   | 20.000 | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.378 | 136  | 908085   | 20.000 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.254 | 164  | 509807   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.060 | 188  | 974886   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.483 | 240  | 1284119  | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 24.765 | 264  | 1581484  | 20.000 | ng    | 0.05      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.255  | 112  | 38713    | 2.401  | ng    | 0.01      |
| 7) Phenol-d6                | 0.000  | 99   | 0d       | 0.000  | ng    |           |
| 23) Nitrobenzene-d5         | 0.000  | 82   | 0d       | 0.000  | ng    |           |
| 42) 2,4,6-Tribromophenol    | 15.795 | 330  | 21493    | 3.049  | ng    | 0.01      |
| 45) 2-Fluorobiphenyl        | 12.854 | 172  | 77447    | 2.046  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.783 | 244  | 141191   | 1.971  | ng    | -0.01     |
| Target Compounds            |        |      |          |        |       |           |
| 37) 2-Methylnaphthalene     | 12.043 | 142  | 545048   | 18.464 | ng    | Qvalue 99 |
| 38) 1-Methylnaphthalene     | 12.266 | 142  | 322819m  | 10.229 | ng    |           |
| 46) 1,1'-Biphenyl           | 13.066 | 154  | 191527   | 5.170  | ng    | 95        |
| -----                       |        |      |          |        |       |           |

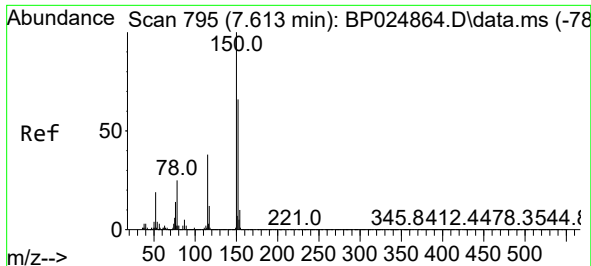
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062025\  
Data File : BP025030.D  
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :  
3321DL

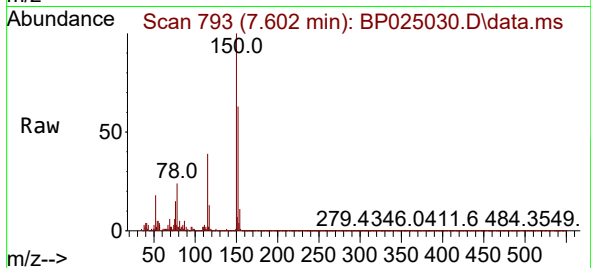
Quant Time: Jun 21 00:15:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 06 16:20:27 2025  
Response via : Initial Calibration



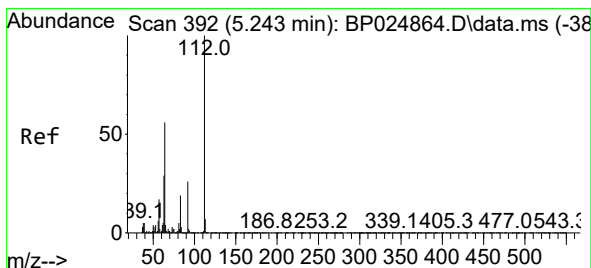
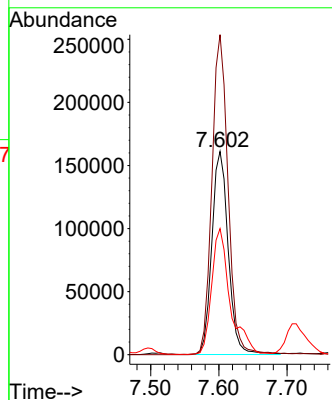
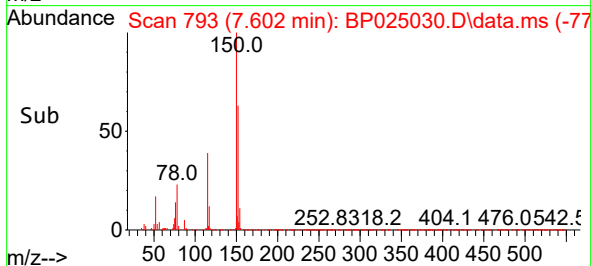


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.602 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

Instrument :  
BNA\_P  
ClientSampleId :  
3321DL

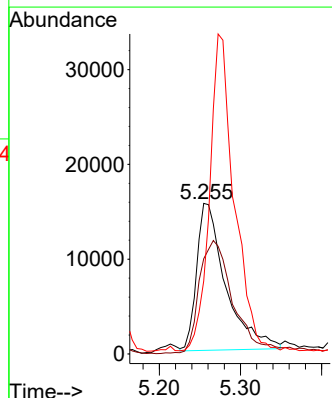
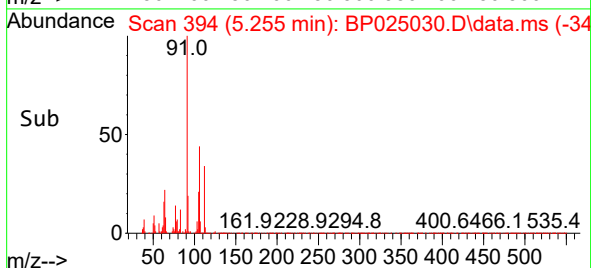
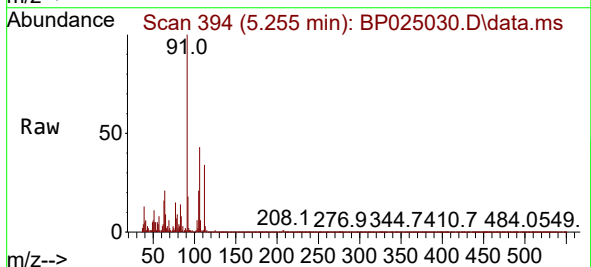


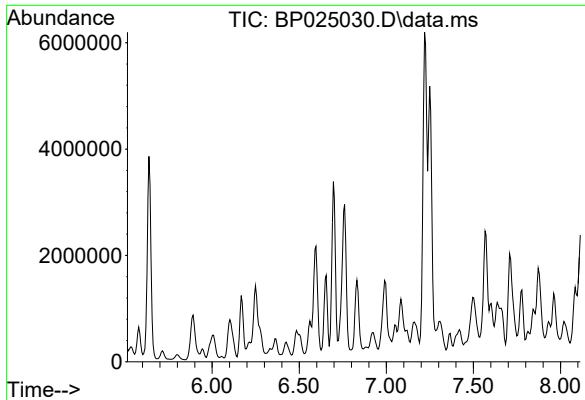
Tgt Ion:152 Resp: 269162  
Ion Ratio Lower Upper  
152 100  
150 157.5 122.1 183.1  
115 62.1 46.4 69.6



#5  
2-Fluorophenol  
Concen: 2.401 ng  
RT: 5.255 min Scan# 394  
Delta R.T. 0.012 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

Tgt Ion:112 Resp: 38713  
Ion Ratio Lower Upper  
112 100  
64 63.3 44.7 67.1  
63 48.5 23.5 35.3#

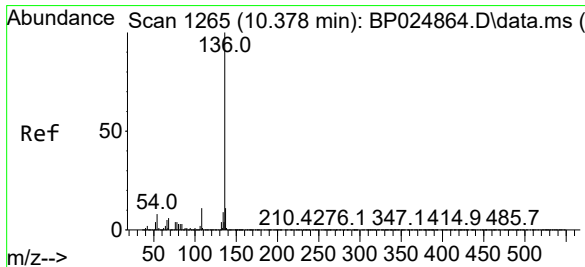
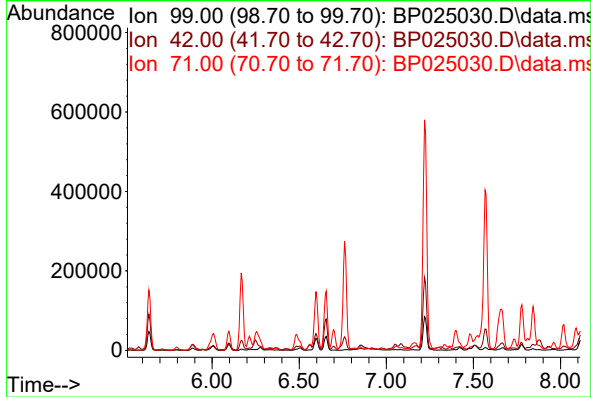




#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.81 min  
 Lab File: BP025030.D  
 Acq: 20 Jun 2025 23:13

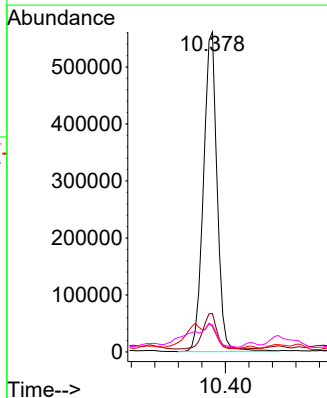
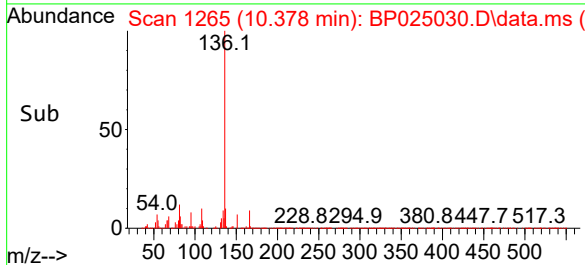
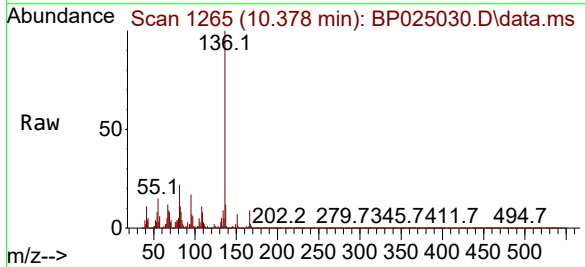
Instrument :  
 BNA\_P  
 ClientSampleId :  
 3321DL

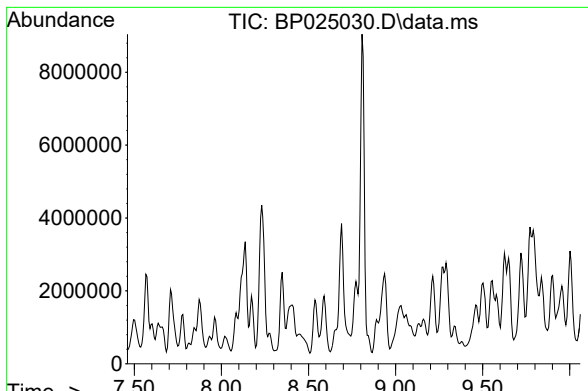
Tgt Ion: 99  
 Sig Exp Ratio  
 99 100  
 42 16.8  
 71 34.5



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.378 min Scan# 1265  
 Delta R.T. -0.000 min  
 Lab File: BP025030.D  
 Acq: 20 Jun 2025 23:13

Tgt Ion: 136 Resp: 908085  
 Ion Ratio Lower Upper  
 136 100  
 137 12.0 8.9 13.3  
 54 7.9 6.1 9.1  
 68 8.5 4.6 7.0#



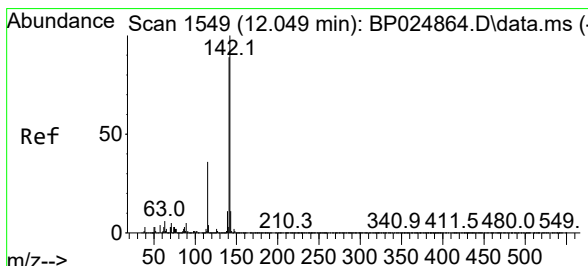
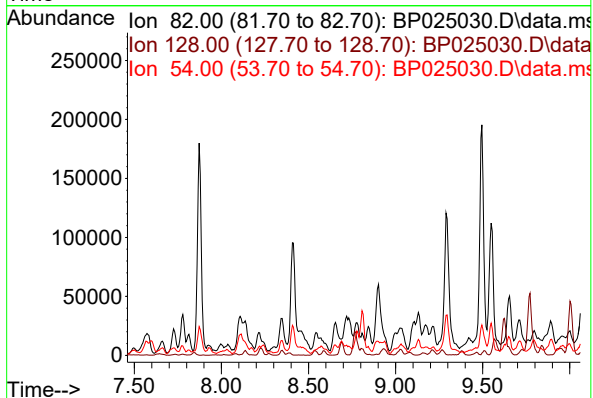


#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 8.76 min  
 Lab File: BP025030.D  
 Acq: 20 Jun 2025 23:13

Instrument :  
 BNA\_P  
 ClientSampleId :  
 3321DL

Tgt Ion: 82  

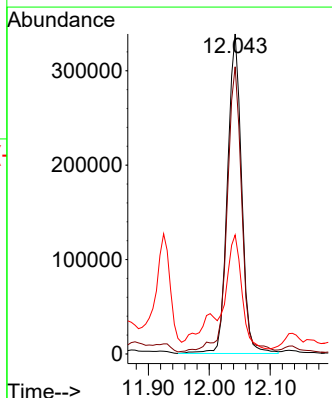
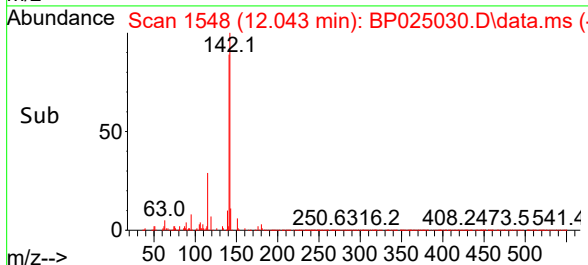
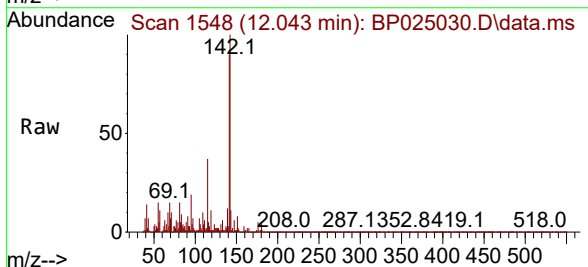
| Sig | Exp Ratio |
|-----|-----------|
| 82  | 100       |
| 128 | 44.1      |
| 54  | 46.7      |

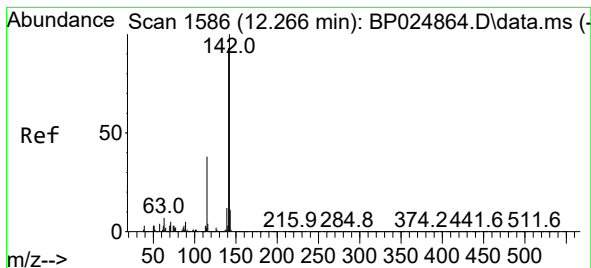


#37  
 2-Methylnaphthalene  
 Concen: 18.464 ng  
 RT: 12.043 min Scan# 1548  
 Delta R.T. -0.006 min  
 Lab File: BP025030.D  
 Acq: 20 Jun 2025 23:13

Tgt Ion: 142 Resp: 545048  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 89.8  | 71.2  | 106.8 |
| 115 | 37.2  | 28.5  | 42.7  |





#38

1-Methylnaphthalene

Concen: 10.229 ng m

RT: 12.266 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025030.D

Acq: 20 Jun 2025 23:13

Instrument :

BNA\_P

ClientSampleId :

3321DL

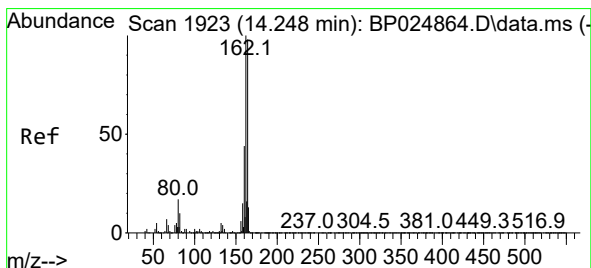
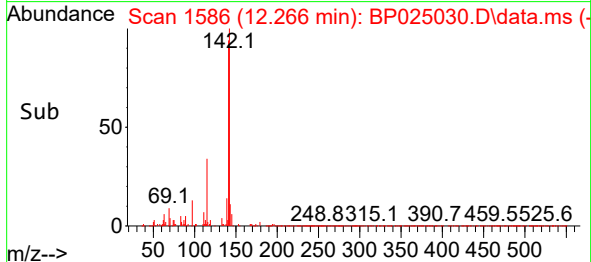
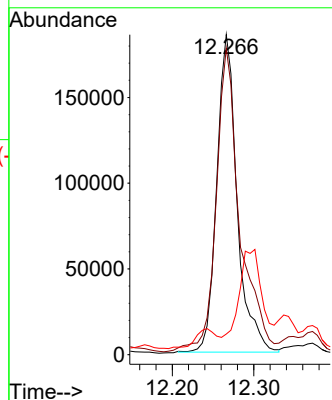
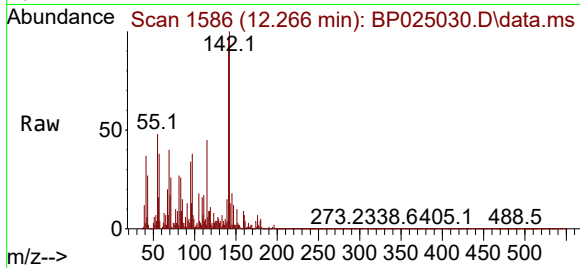
Tgt Ion:142 Resp: 322819

Ion Ratio Lower Upper

142 100

141 95.8 74.7 112.1

116 6.4 3.4 5.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP025030.D

Acq: 20 Jun 2025 23:13

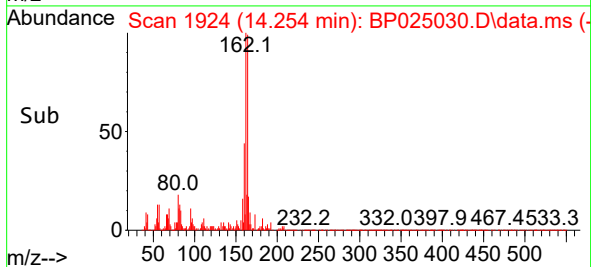
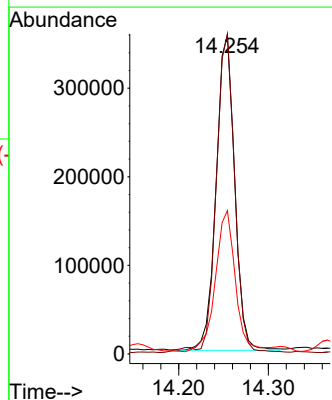
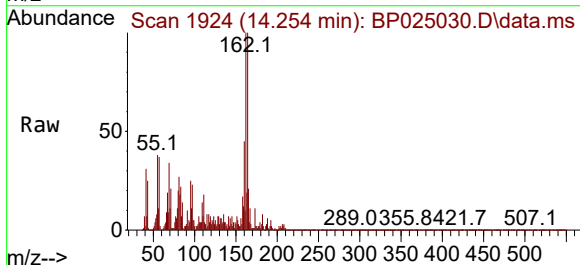
Tgt Ion:164 Resp: 509807

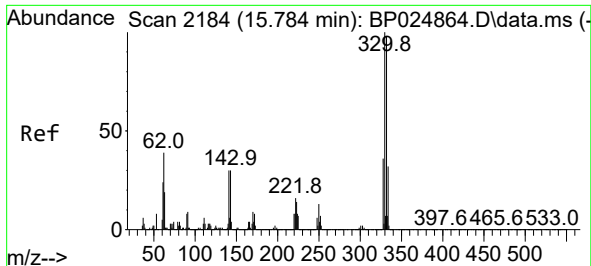
Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 44.9 36.2 54.2

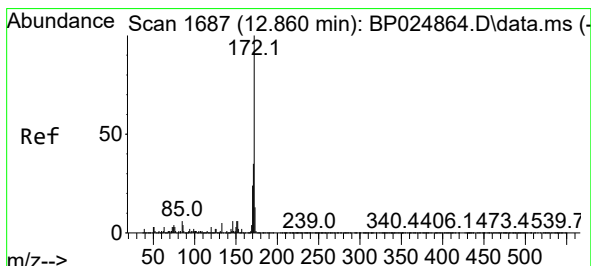
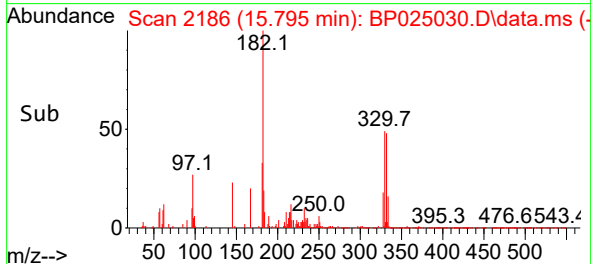
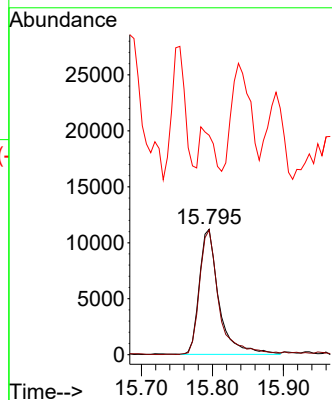
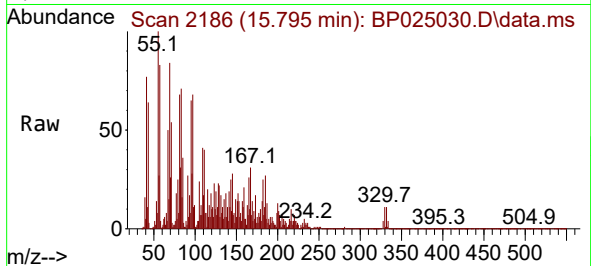




#42  
2,4,6-Tribromophenol  
Concen: 3.049 ng  
RT: 15.795 min Scan# 2184  
Delta R.T. 0.012 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

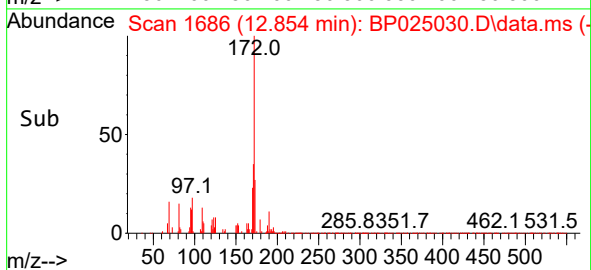
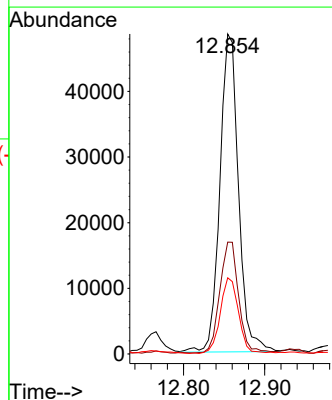
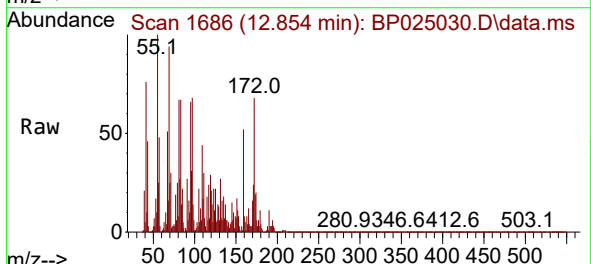
Instrument :  
BNA\_P  
ClientSampleId :  
3321DL

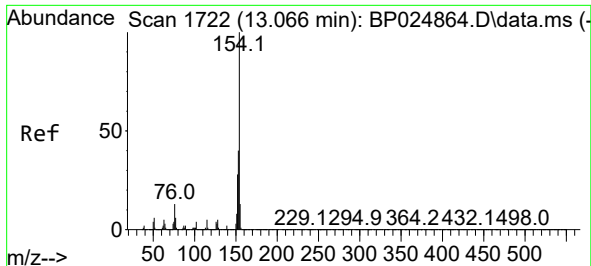
Tgt Ion: 330 Resp: 21493  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.7 116.5  
141 0.0 26.4 39.6#



#45  
2-Fluorobiphenyl  
Concen: 2.046 ng  
RT: 12.854 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

Tgt Ion: 172 Resp: 77447  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.3 42.5  
170 23.8 19.0 28.4

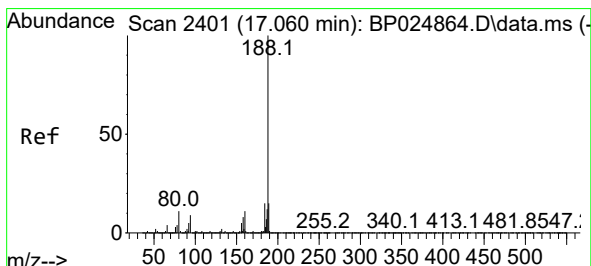
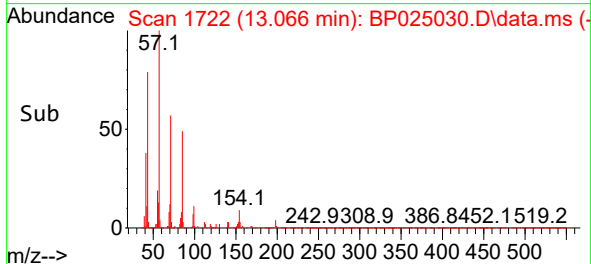
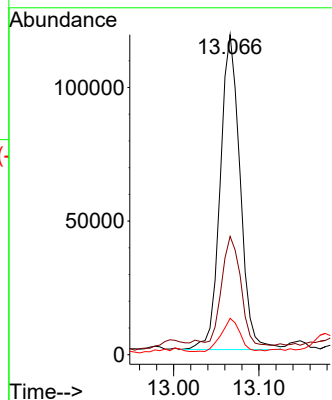
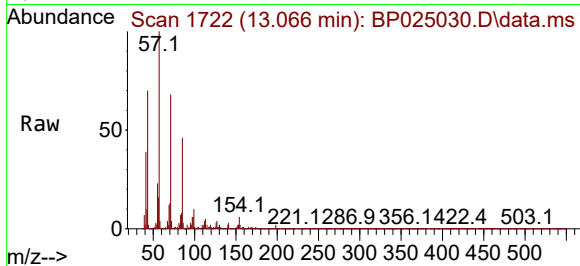




#46  
1,1'-Biphenyl  
Concen: 5.170 ng  
RT: 13.066 min Scan# 1722  
Delta R.T. -0.000 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

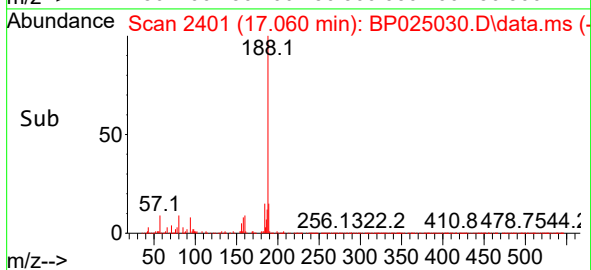
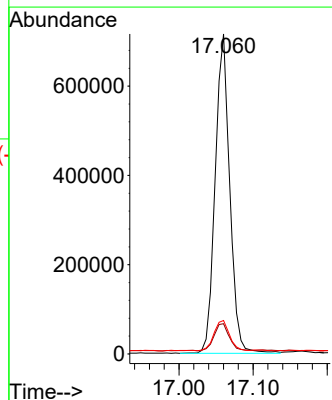
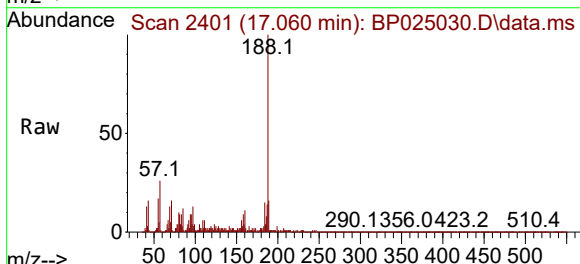
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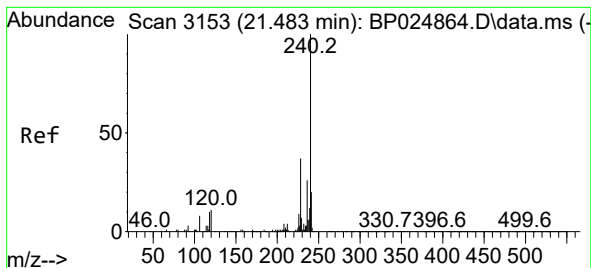
Tgt Ion:154 Resp: 191527  
Ion Ratio Lower Upper  
154 100  
153 37.0 20.3 60.3  
76 11.4 0.0 33.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.060 min Scan# 2401  
Delta R.T. -0.000 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

Tgt Ion:188 Resp: 974886  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.3 10.9  
80 10.4 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP025030.D

Acq: 20 Jun 2025 23:13

Instrument :

BNA\_P

ClientSampleId :

3321DL

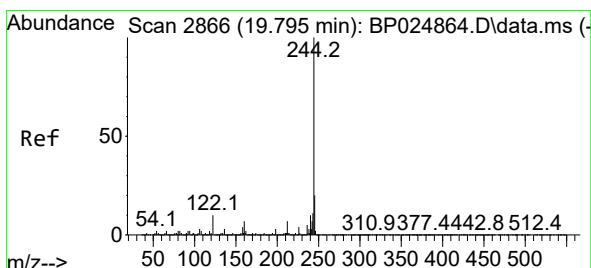
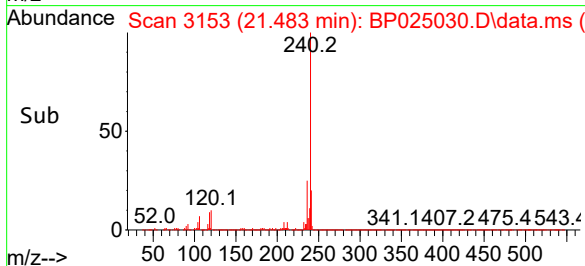
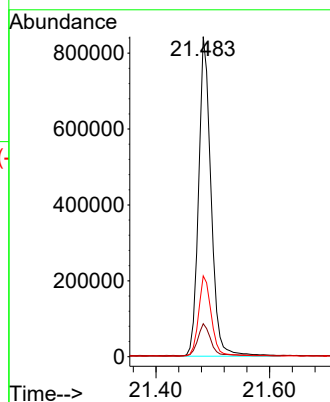
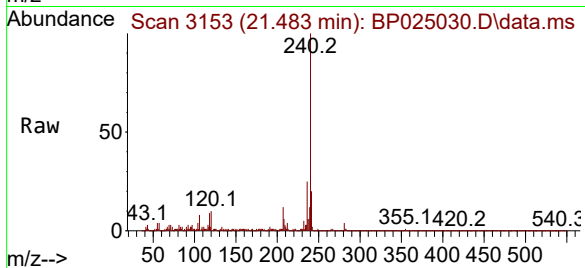
Tgt Ion:240 Resp: 1284119

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.2 20.9 31.3



#79

Terphenyl-d14

Concen: 1.971 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025030.D

Acq: 20 Jun 2025 23:13

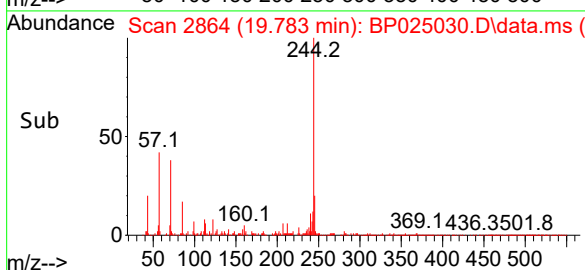
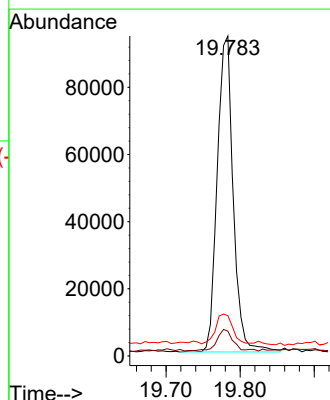
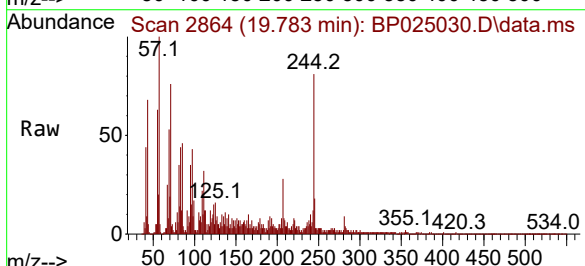
Tgt Ion:244 Resp: 141191

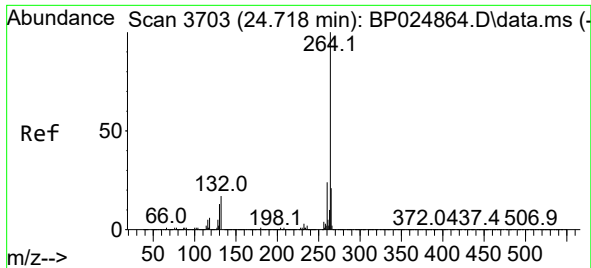
Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 12.6 7.7 11.5#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.765 min Scan# 31  
Delta R.T. 0.047 min  
Lab File: BP025030.D  
Acq: 20 Jun 2025 23:13

Instrument :  
BNA\_P  
ClientSampleId :  
3321DL

Tgt Ion:264 Resp: 1581484  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 19.0  | 28.4  |
| 265 | 22.3  | 17.4  | 26.0  |

