

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
 Data File : BP025541.D  
 Acq On : 21 Aug 2025 15:37  
 Operator : CG/JU  
 Sample : Q2820-15 2X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 10P-S

Quant Time: Aug 21 16:22:37 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.784  | 152  | 242296   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.560 | 136  | 874020   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.395 | 164  | 479174   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.201 | 188  | 886621   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.654 | 240  | 948832   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.036 | 264  | 1096230  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.401  | 112  | 724376   | 49.649 | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 896121   | 47.907 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.925  | 82   | 604853   | 35.007 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.913 | 330  | 285441   | 44.256 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.007 | 172  | 1122701  | 32.021 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.918 | 244  | 1438441  | 27.737 | ng    | 0.00     |

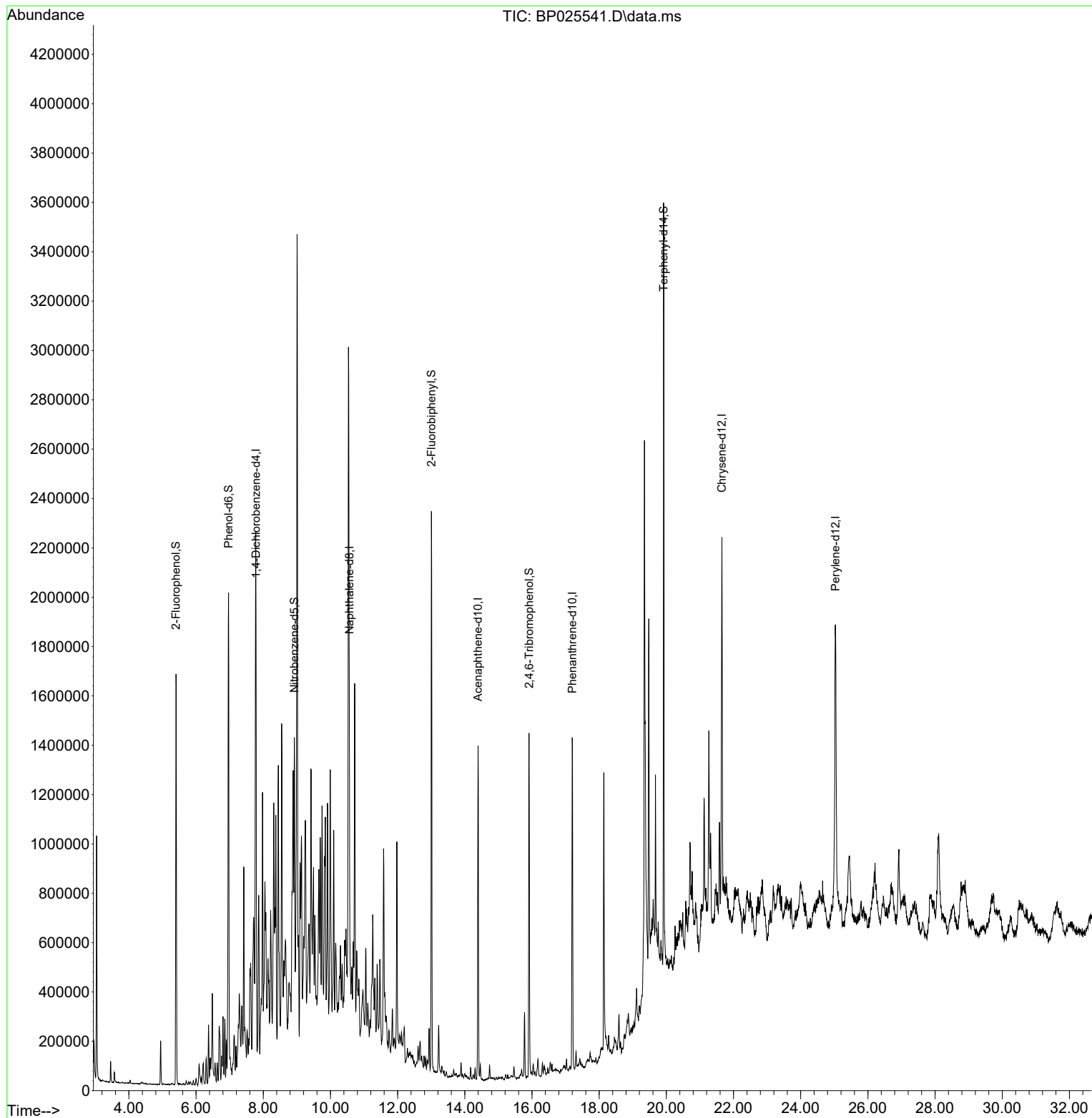
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

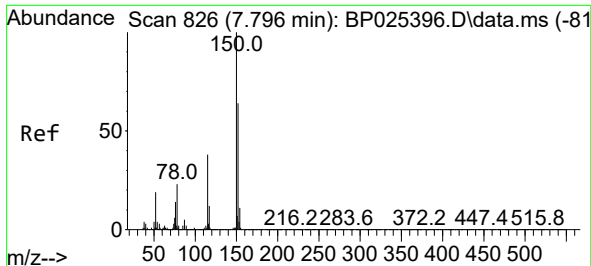
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
Data File : BP025541.D  
Acq On : 21 Aug 2025 15:37  
Operator : CG/JU  
Sample : Q2820-15 2X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
10P-S

Quant Time: Aug 21 16:22:37 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 14 18:14:31 2025  
Response via : Initial Calibration

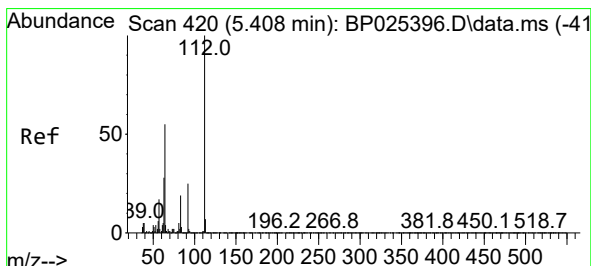
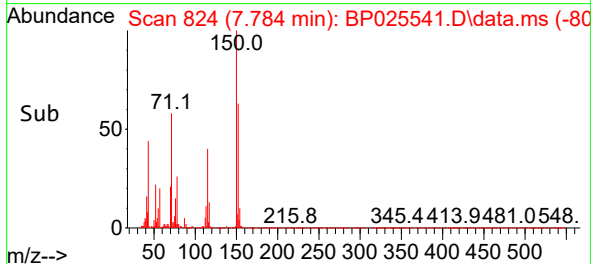
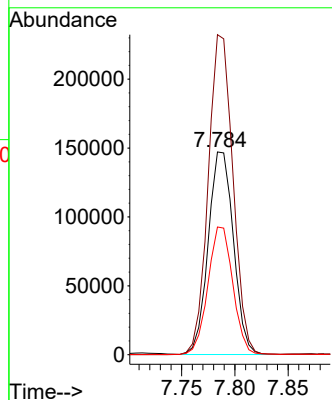
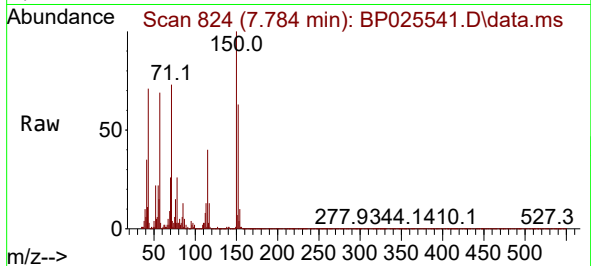




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.784 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP025541.D  
Acq: 21 Aug 2025 15:37

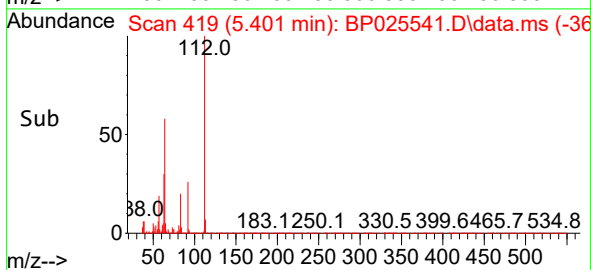
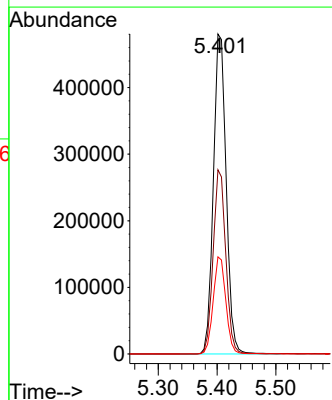
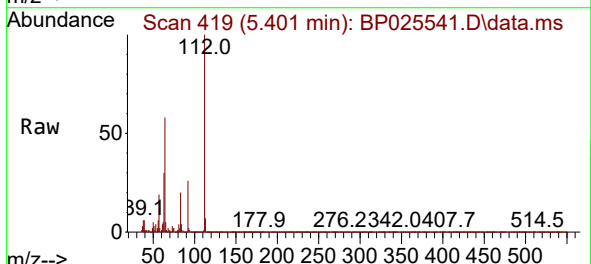
Instrument :  
BNA\_P  
ClientSampleId :  
10P-S

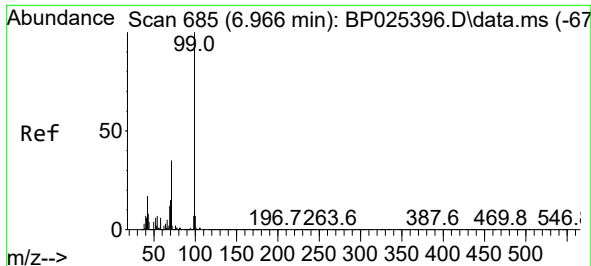
Tgt Ion:152 Resp: 242296  
Ion Ratio Lower Upper  
152 100  
150 157.8 125.9 188.9  
115 63.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 49.649 ng  
RT: 5.401 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: BP025541.D  
Acq: 21 Aug 2025 15:37

Tgt Ion:112 Resp: 724376  
Ion Ratio Lower Upper  
112 100  
64 57.6 43.8 65.8  
63 30.3 22.7 34.1

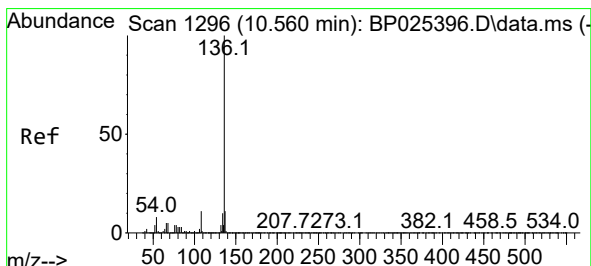
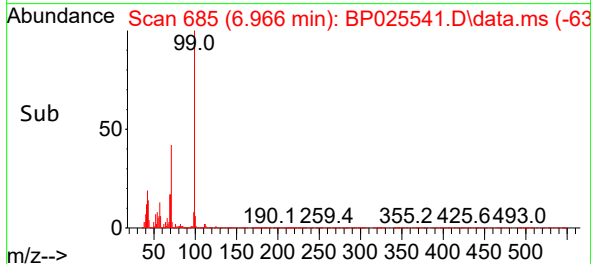
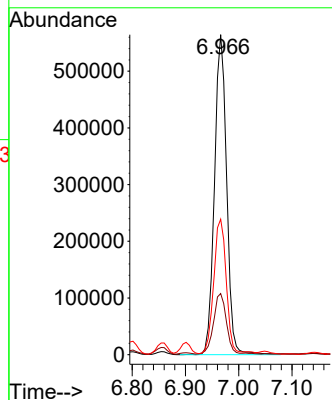
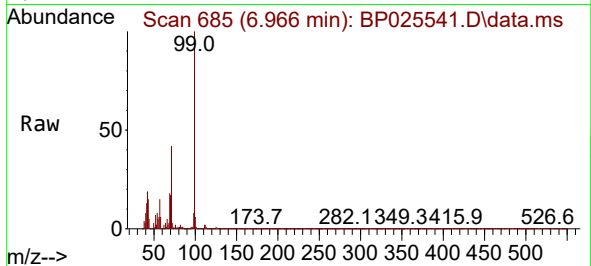




#7  
Phenol-d6  
Concen: 47.907 ng  
RT: 6.966 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: BP025541.D  
Acq: 21 Aug 2025 15:37

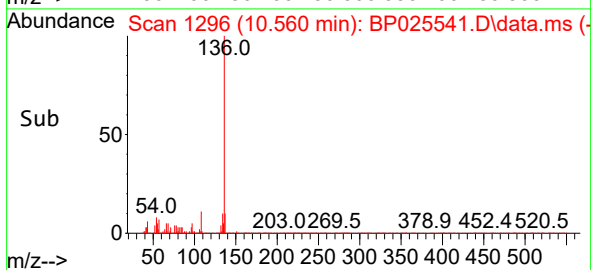
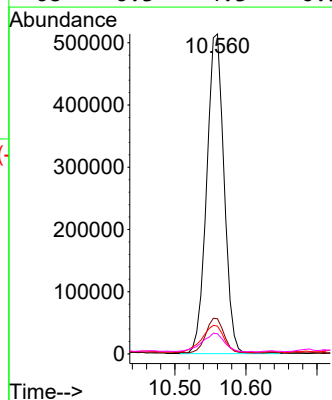
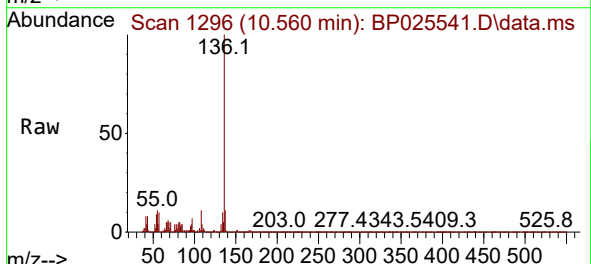
Instrument :  
BNA\_P  
ClientSampleId :  
10P-S

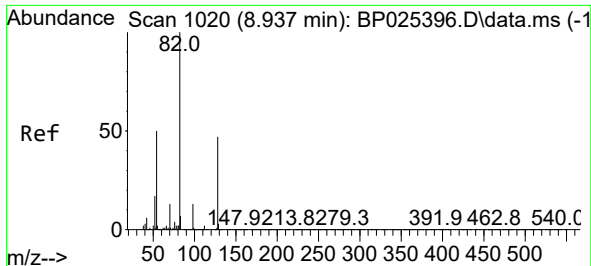
Tgt Ion: 99 Resp: 896121  
Ion Ratio Lower Upper  
99 100  
42 19.1 13.7 20.5  
71 42.3 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.560 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BP025541.D  
Acq: 21 Aug 2025 15:37

Tgt Ion: 136 Resp: 874020  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 8.7 6.0 9.0  
68 6.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 35.007 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Instrument :

BNA\_P

ClientSampleId :

10P-S

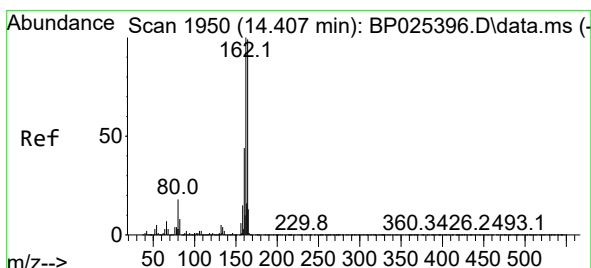
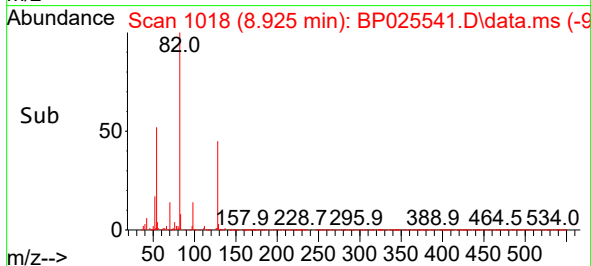
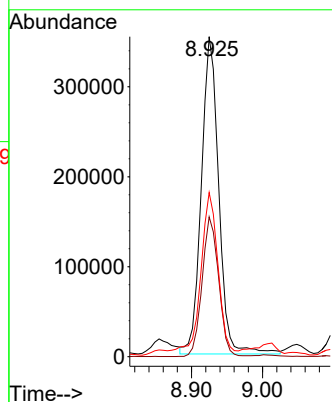
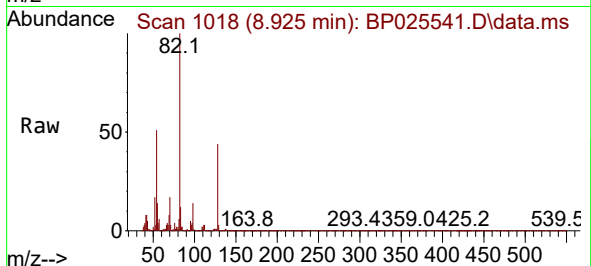
Tgt Ion: 82 Resp: 604853

Ion Ratio Lower Upper

82 100

128 43.7 37.7 56.5

54 51.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

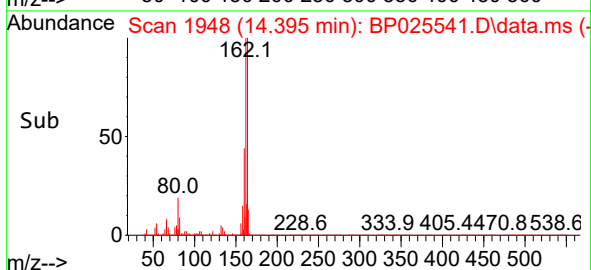
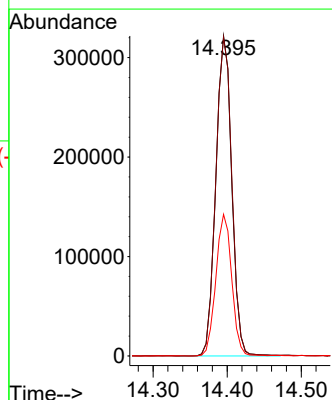
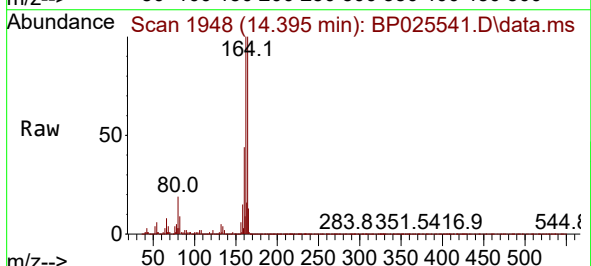
Tgt Ion: 164 Resp: 479174

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 44.256 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Instrument :

BNA\_P

ClientSampleId :

10P-S

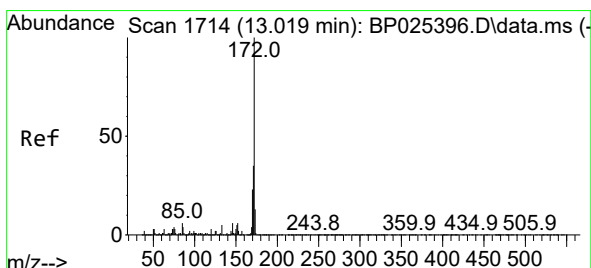
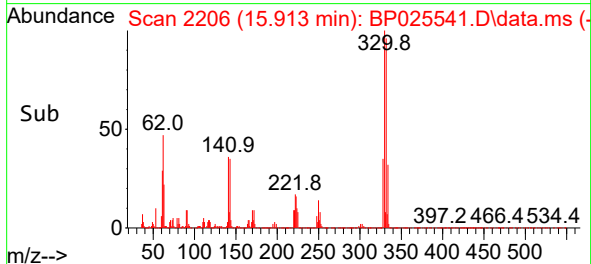
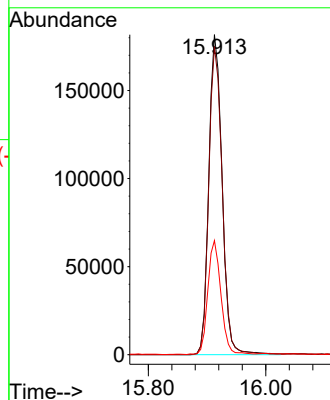
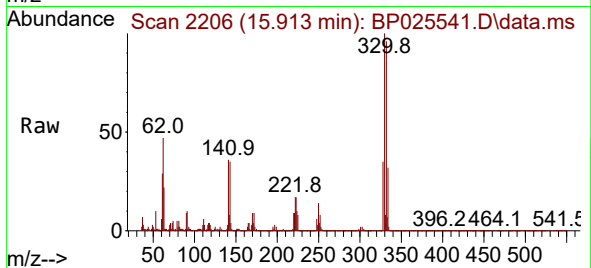
Tgt Ion:330 Resp: 285441

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 35.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 32.021 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

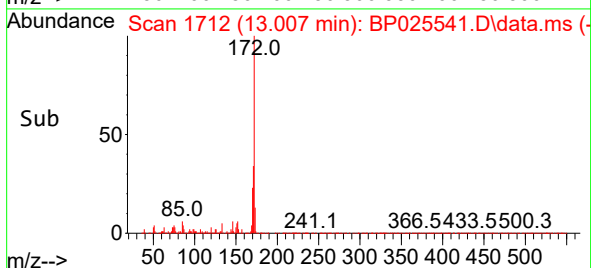
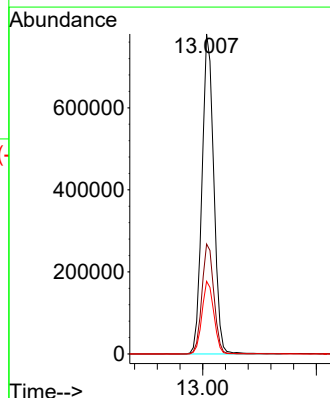
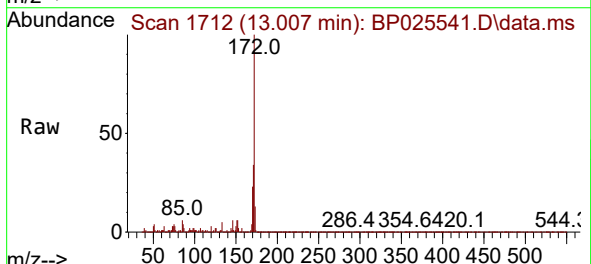
Tgt Ion:172 Resp: 1122701

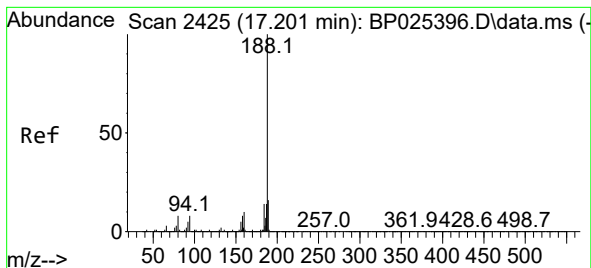
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 22.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Instrument :

BNA\_P

ClientSampleId :

10P-S

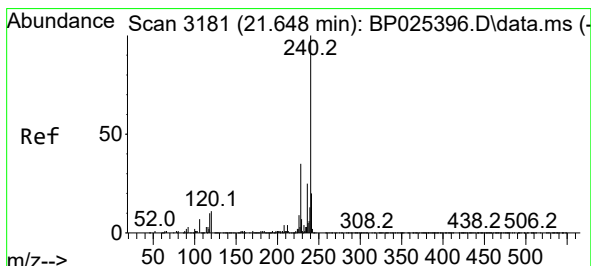
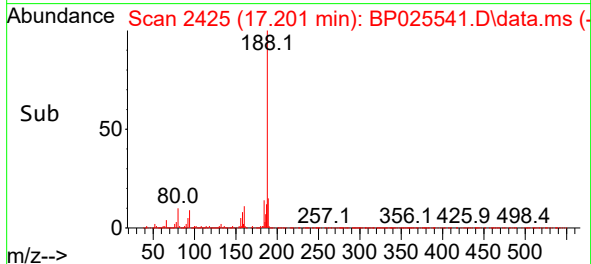
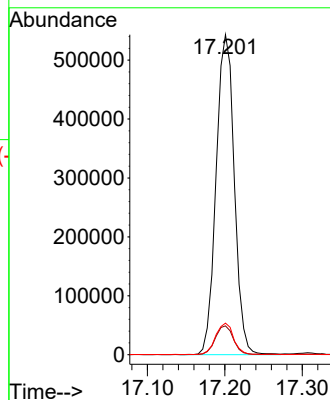
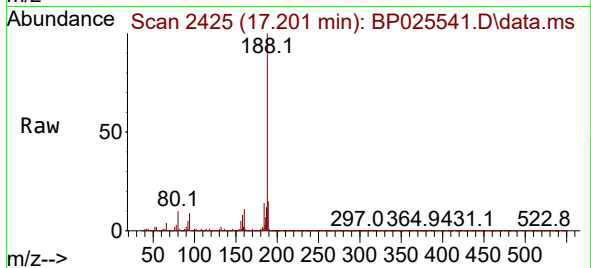
Tgt Ion:188 Resp: 886621

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

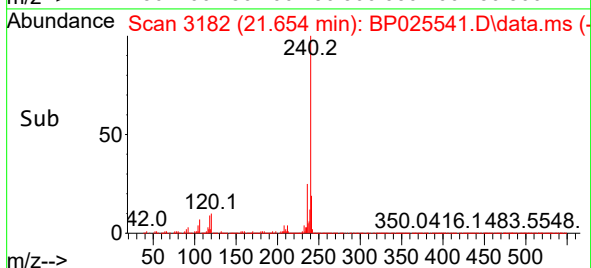
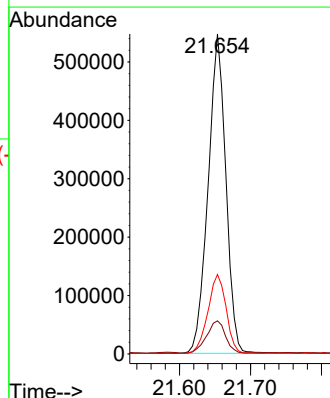
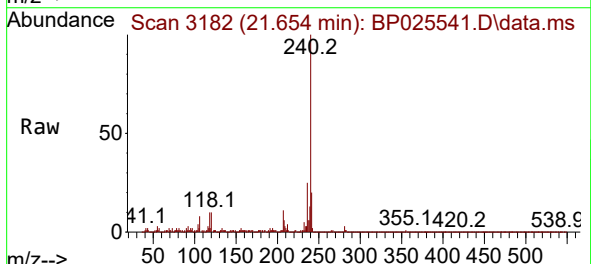
Tgt Ion:240 Resp: 948832

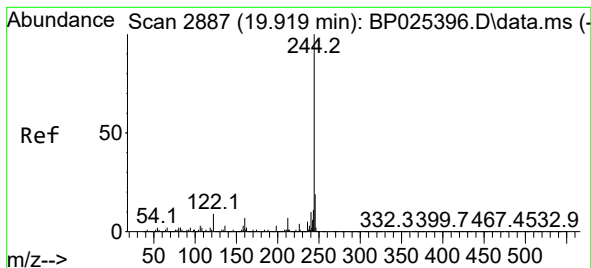
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 24.9 19.8 29.8





#79

Terphenyl-d14

Concen: 27.737 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Instrument :

BNA\_P

ClientSampleId :

10P-S

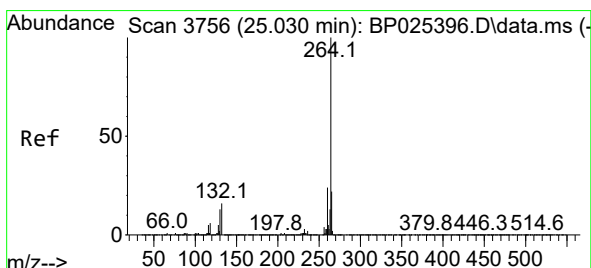
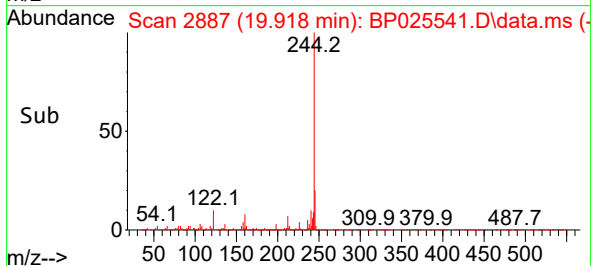
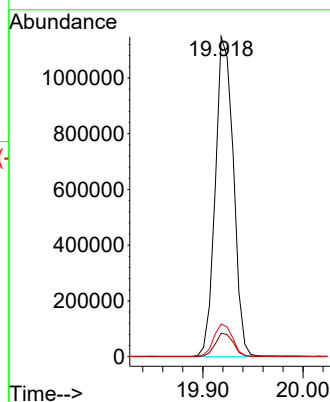
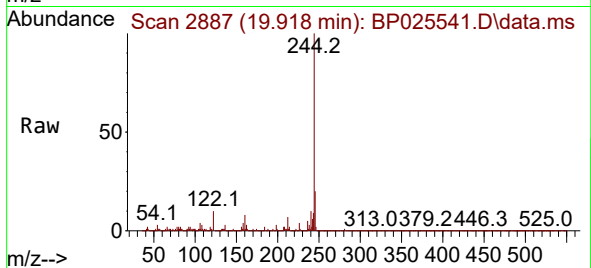
Tgt Ion:244 Resp: 1438441

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.036 min Scan# 3757

Delta R.T. 0.006 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Tgt Ion:264 Resp: 1096230

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.3 17.4 26.0

