

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072225\  
 Data File : BP025212.D  
 Acq On : 22 Jul 2025 13:14  
 Operator : CG/JU  
 Sample : Q2639-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 22 02:55:21 2025  
 Response via : Initial Calibration

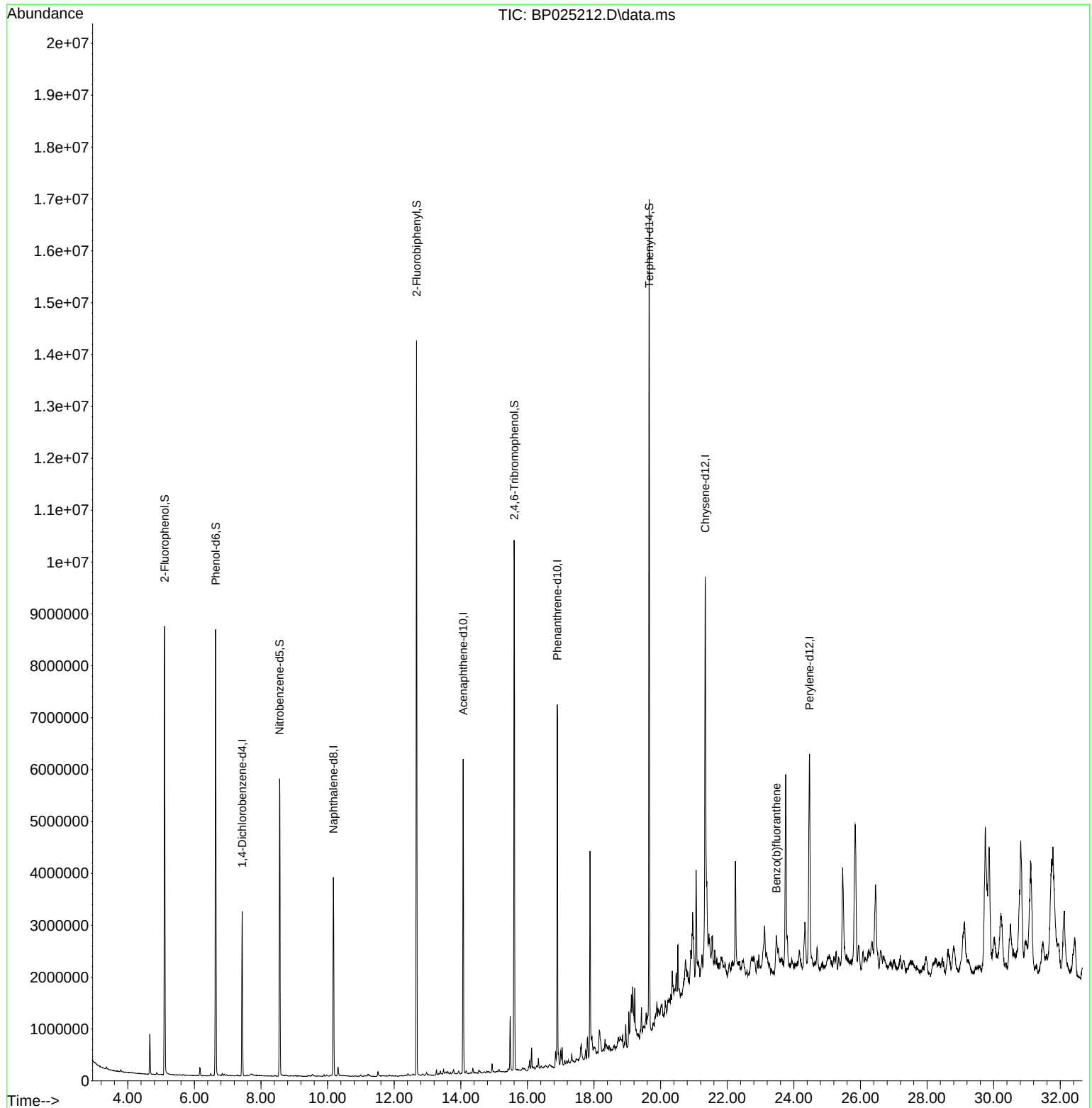
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|--------|-------|-------------|
| -----                       |        |      |          |        |       |             |
| Internal Standards          |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.437  | 152  | 904868   | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.172 | 136  | 3462898  | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.072 | 164  | 2059504  | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10        | 16.895 | 188  | 3779952  | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12            | 21.336 | 240  | 3553060  | 20.000 | ng    | 0.01        |
| 86) Perylene-d12            | 24.471 | 264  | 4178405  | 20.000 | ng    | 0.01        |
| System Monitoring Compounds |        |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.108  | 112  | 4145506  | 77.408 | ng    | 0.00        |
| 7) Phenol-d6                | 6.637  | 99   | 5100134  | 76.892 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.560  | 82   | 3201331  | 51.375 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 15.607 | 330  | 2372489  | 78.141 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 12.672 | 172  | 7198737  | 49.278 | ng    | -0.01       |
| 79) Terphenyl-d14           | 19.660 | 244  | 8614502  | 47.861 | ng    | 0.00        |
| Target Compounds            |        |      |          |        |       |             |
| 88) Benzo(b)fluoranthene    | 23.477 | 252  | 524002   | 2.191  | ng    | Qvalue # 95 |
| -----                       |        |      |          |        |       |             |

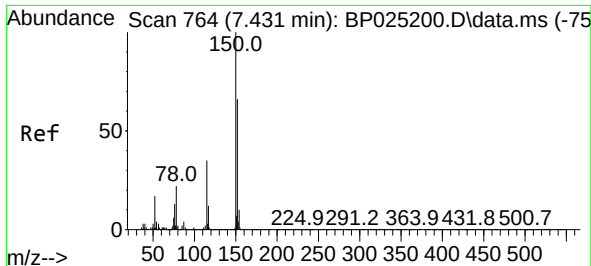
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_P  
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Quant Time: Jul 22 13:37:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 22 02:55:21 2025  
Response via : Initial Calibration

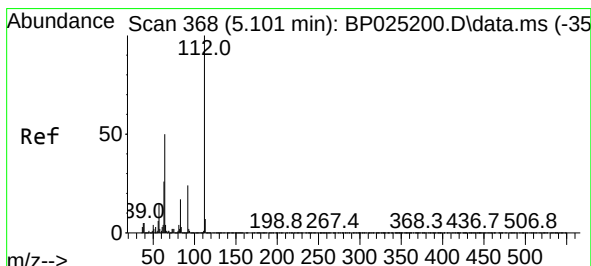
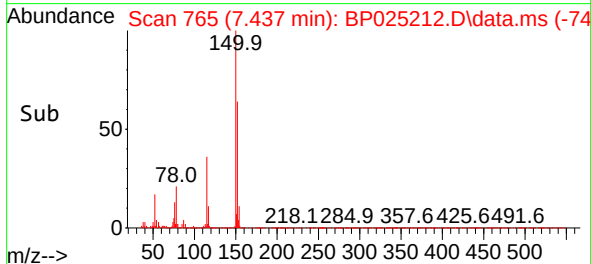
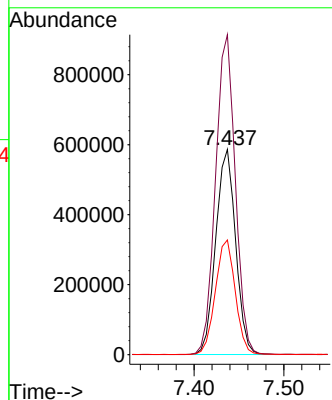
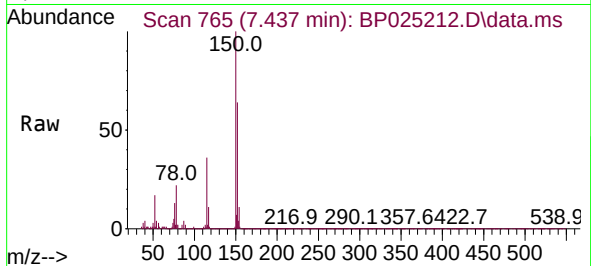




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.437 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

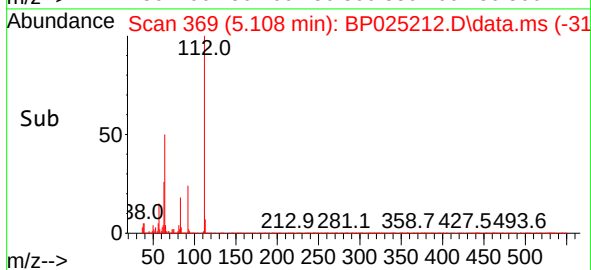
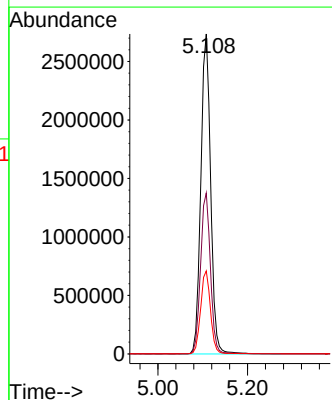
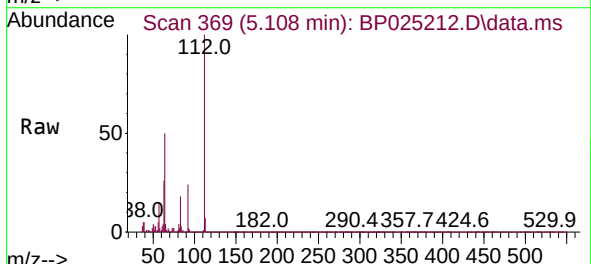
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-42-071725

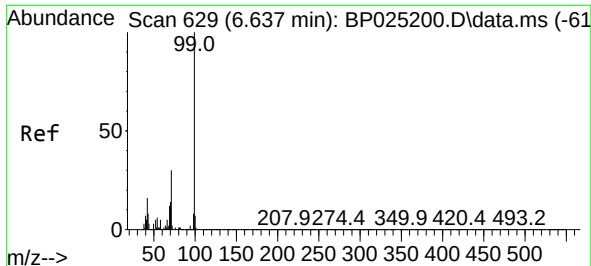
Tgt Ion:152 Resp: 904868  
Ion Ratio Lower Upper  
152 100  
150 155.9 121.9 182.9  
115 55.9 43.0 64.6



#5  
2-Fluorophenol  
Concen: 77.408 ng  
RT: 5.108 min Scan# 369  
Delta R.T. 0.006 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

Tgt Ion:112 Resp: 4145506  
Ion Ratio Lower Upper  
112 100  
64 50.3 39.8 59.6  
63 25.9 20.5 30.7

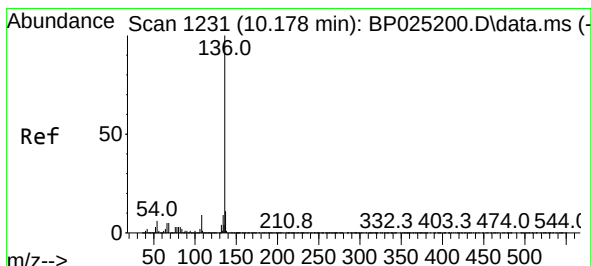
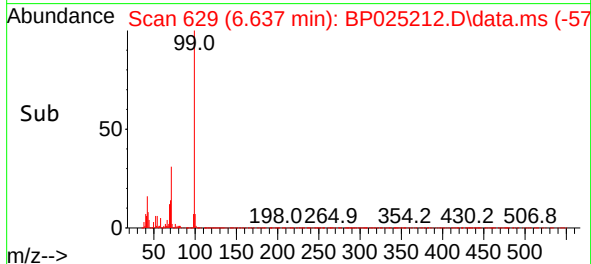
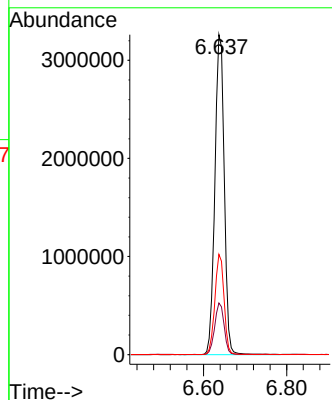
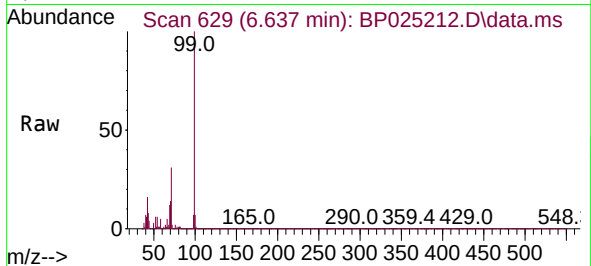




#7  
Phenol-d6  
Concen: 76.892 ng  
RT: 6.637 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

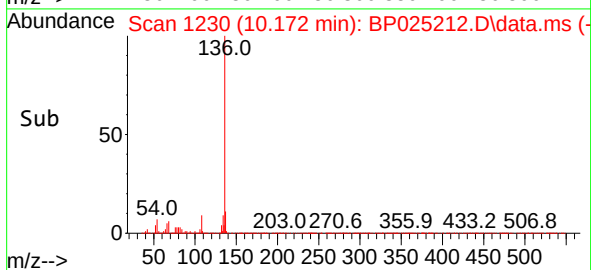
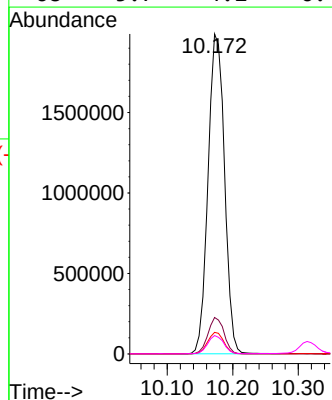
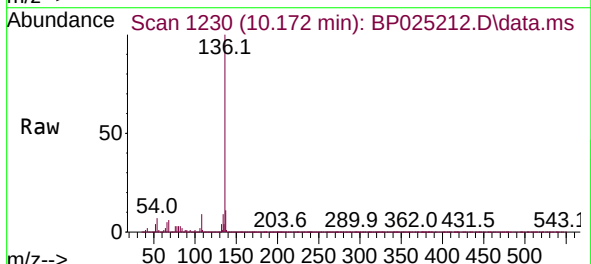
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-42-071725

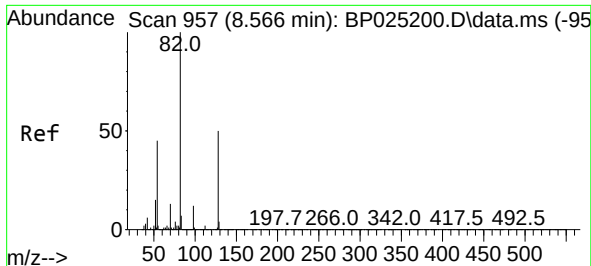
Tgt Ion: 99 Resp: 5100134  
Ion Ratio Lower Upper  
99 100  
42 16.1 12.5 18.7  
71 31.3 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.172 min Scan# 1230  
Delta R.T. -0.005 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

Tgt Ion:136 Resp: 3462898  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 6.7 5.1 7.7  
68 5.7 4.2 6.4

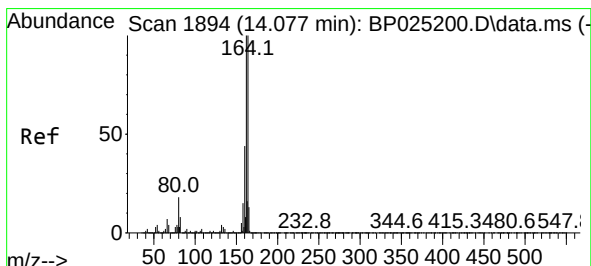
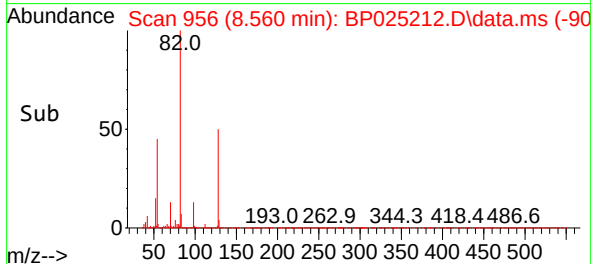
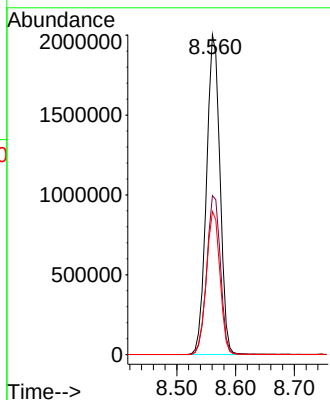
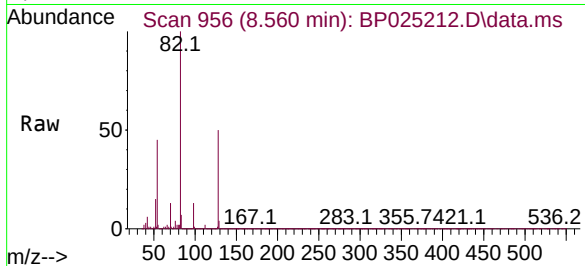




#23  
Nitrobenzene-d5  
Concen: 51.375 ng  
RT: 8.560 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

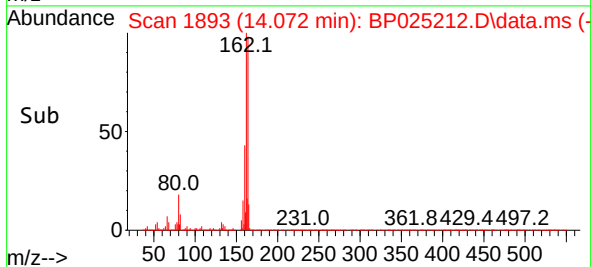
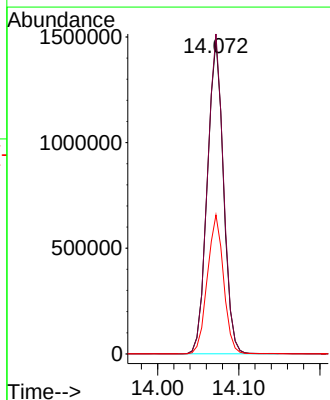
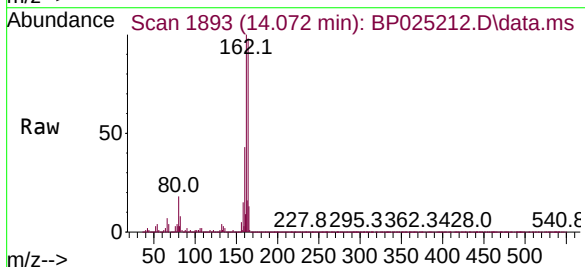
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-42-071725

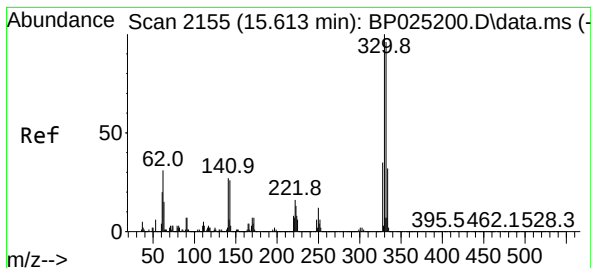
Tgt Ion: 82 Resp: 3201331  
Ion Ratio Lower Upper  
82 100  
128 49.7 40.2 60.4  
54 44.7 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.072 min Scan# 1893  
Delta R.T. -0.005 min  
Lab File: BP025212.D  
Acq: 22 Jul 2025 13:14

Tgt Ion:164 Resp: 2059504  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.3 120.5  
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 78.141 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-42-071725

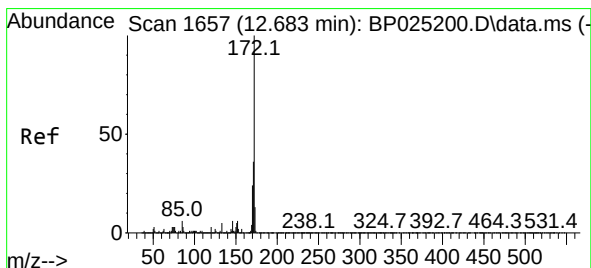
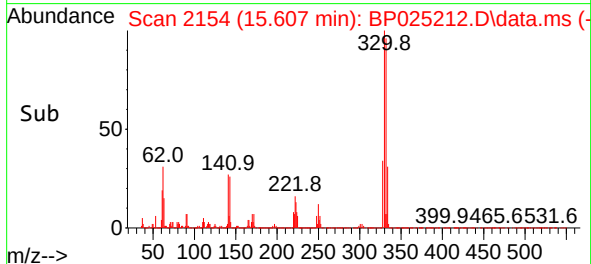
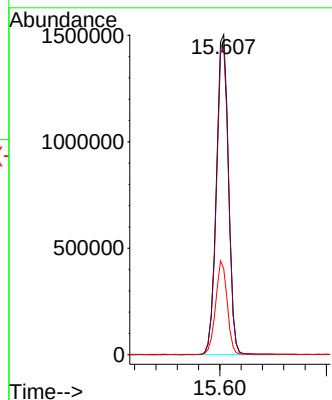
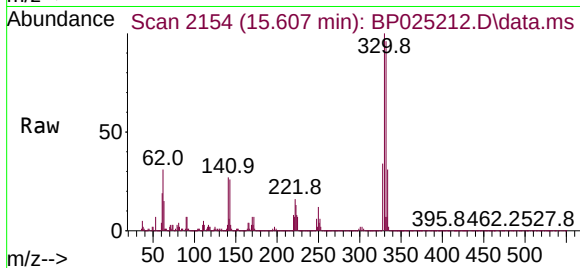
Tgt Ion:330 Resp: 2372489

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 27.9 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 49.278 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.011 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

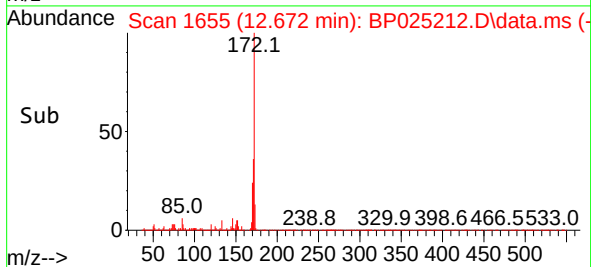
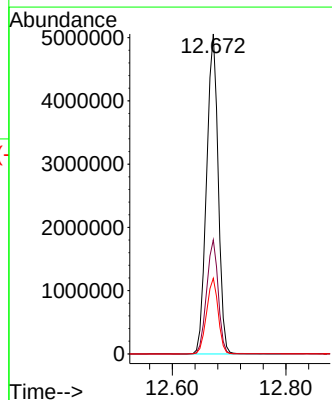
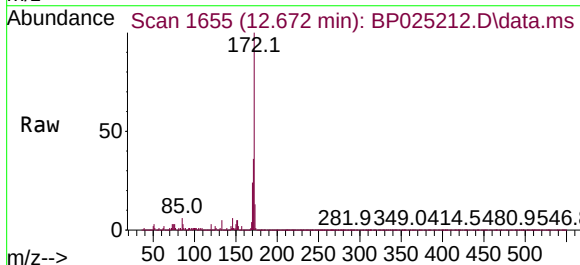
Tgt Ion:172 Resp: 7198737

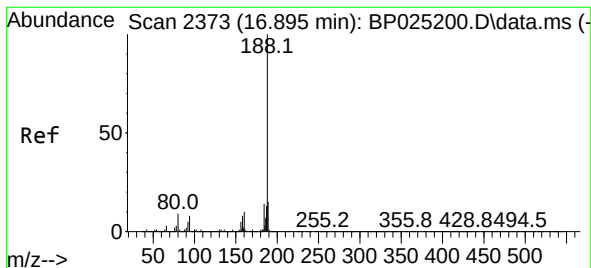
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-42-071725

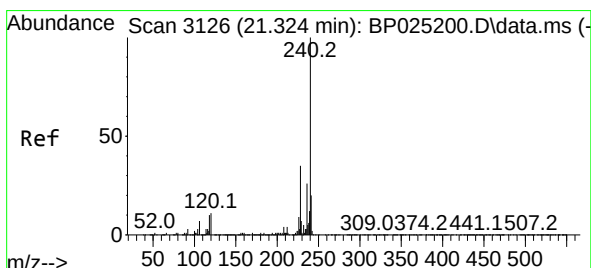
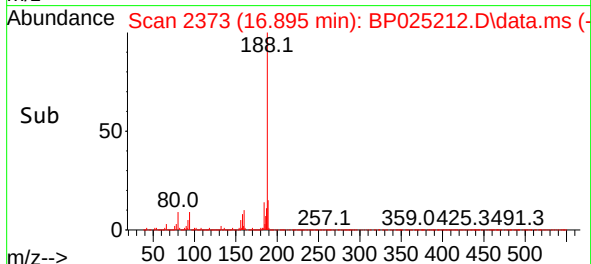
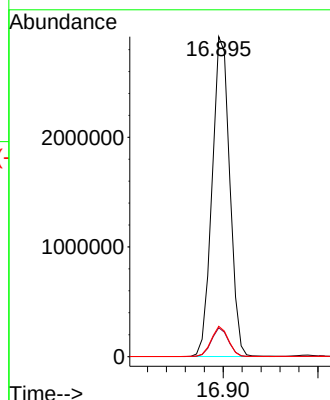
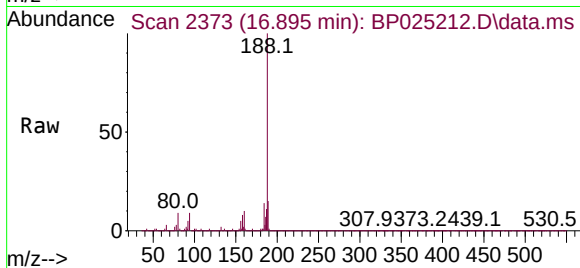
Tgt Ion:188 Resp: 3779952

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

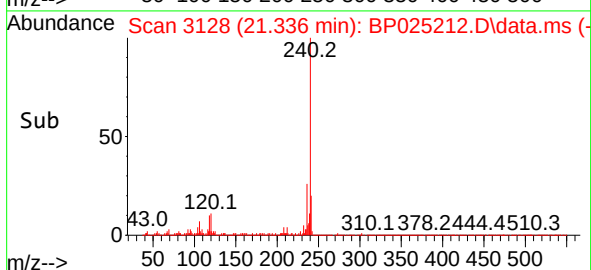
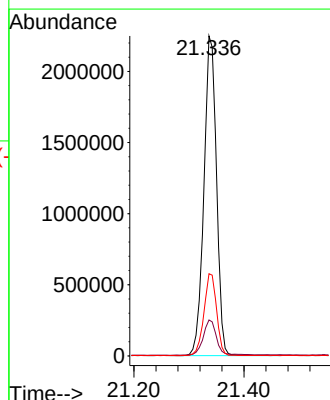
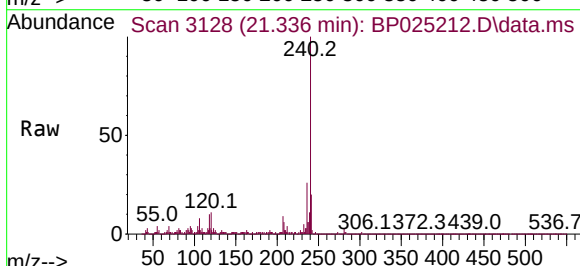
Tgt Ion:240 Resp: 3553060

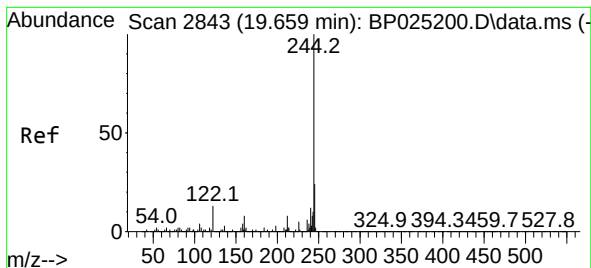
Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 47.861 ng

RT: 19.660 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-42-071725

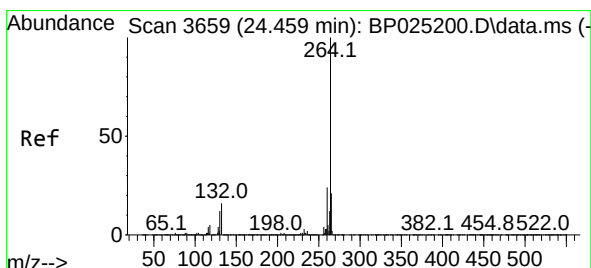
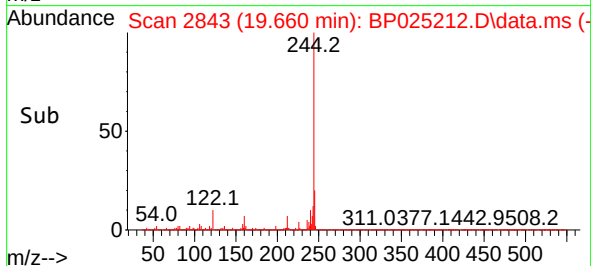
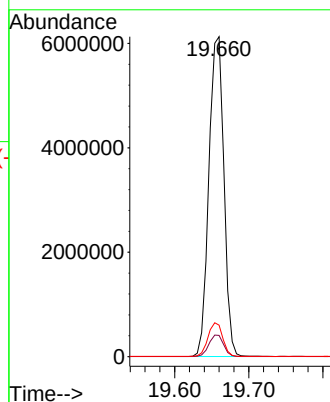
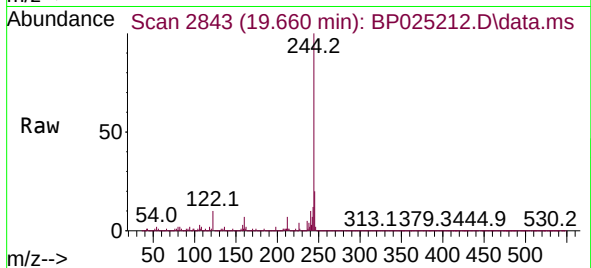
Tgt Ion:244 Resp: 8614502

Ion Ratio Lower Upper

244 100

212 6.6 6.6 9.8

122 9.8 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. 0.012 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

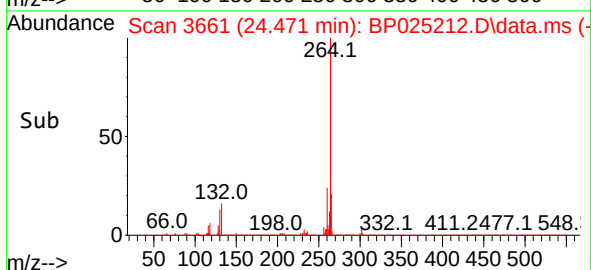
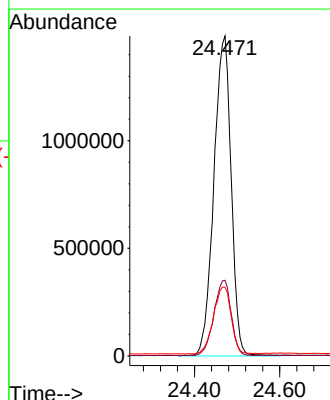
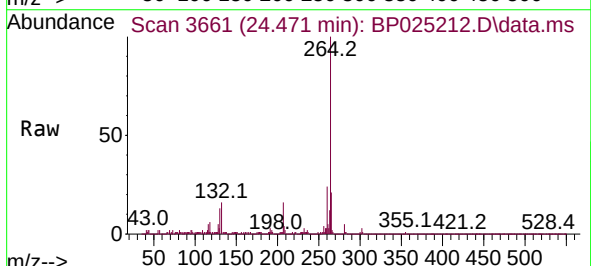
Tgt Ion:264 Resp: 4178405

Ion Ratio Lower Upper

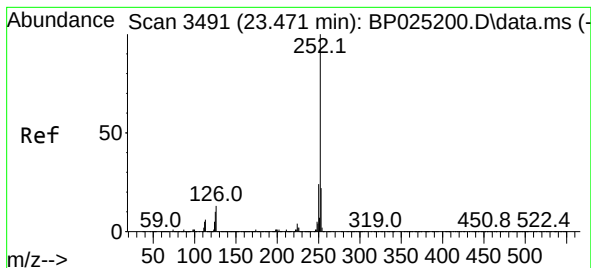
264 100

260 23.6 19.0 28.6

265 21.5 17.5 26.3







#88

Benzo(b)fluoranthene

Concen: 2.191 ng

RT: 23.477 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP025212.D

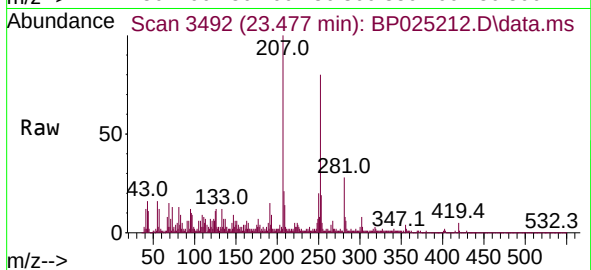
Acq: 22 Jul 2025 13:14

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-42-071725



Tgt Ion:252 Resp: 524002

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 13.6 7.8 11.8#

