

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
 Data File : BP025522.D  
 Acq On : 21 Aug 2025 01:15  
 Operator : CG/JU  
 Sample : Q2814-18RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 21 01:40:38 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

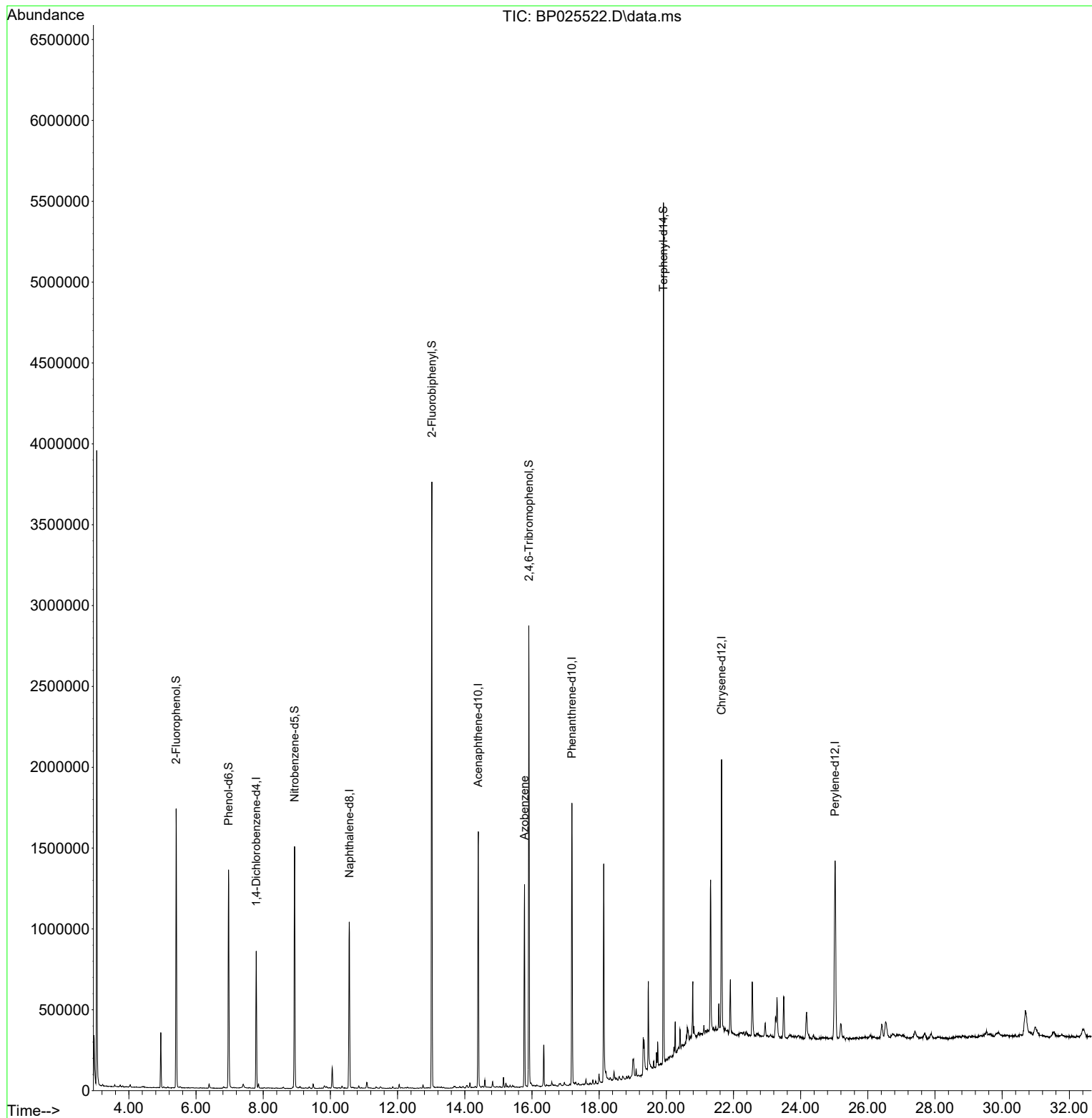
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|--------|-------|---------------|
| -----                       |        |      |          |        |       |               |
| Internal Standards          |        |      |          |        |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 227667   | 20.000 | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.560 | 136  | 906269   | 20.000 | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.401 | 164  | 565733   | 20.000 | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.189 | 188  | 1067338  | 20.000 | ng    | -0.01         |
| 76) Chrysene-d12            | 21.642 | 240  | 1097367  | 20.000 | ng    | 0.00          |
| 86) Perylene-d12            | 25.024 | 264  | 1243286  | 20.000 | ng    | 0.00          |
| System Monitoring Compounds |        |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.408  | 112  | 734616   | 53.586 | ng    | 0.00          |
| 7) Phenol-d6                | 6.966  | 99   | 763590   | 43.444 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.931  | 82   | 847098   | 47.283 | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 15.907 | 330  | 535614   | 70.338 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.019 | 172  | 1785576  | 43.136 | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.913 | 244  | 2594700  | 43.260 | ng    | 0.00          |
| Target Compounds            |        |      |          |        |       |               |
| 63) Azobenzene              | 15.778 | 77   | 347139   | 9.631  | ng    | Qvalue<br># 1 |
| -----                       |        |      |          |        |       |               |

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

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Sample : Q2814-18RE  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Time: Aug 21 01:40:38 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  
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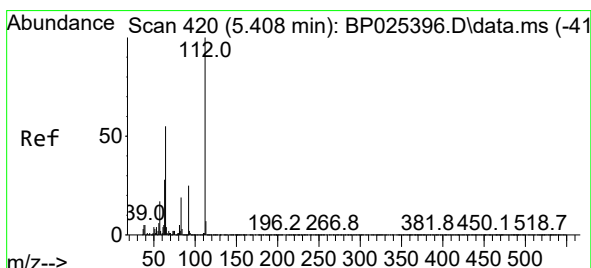
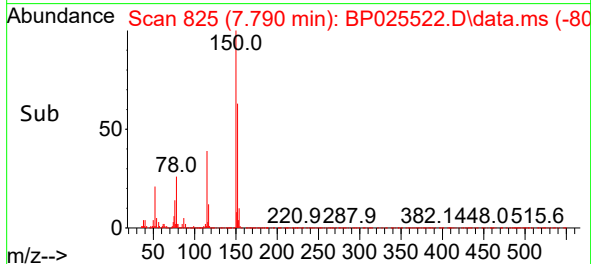
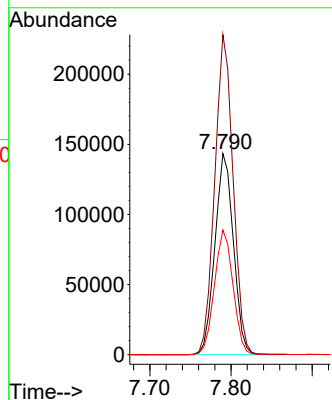
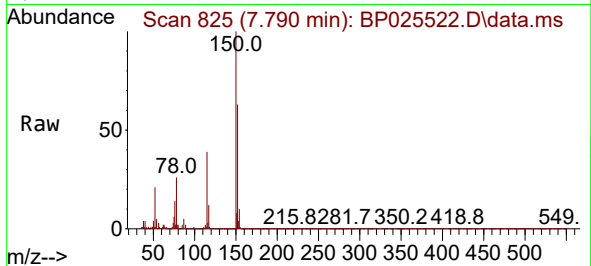




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.790 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025522.D  
Acq: 21 Aug 2025 01:15

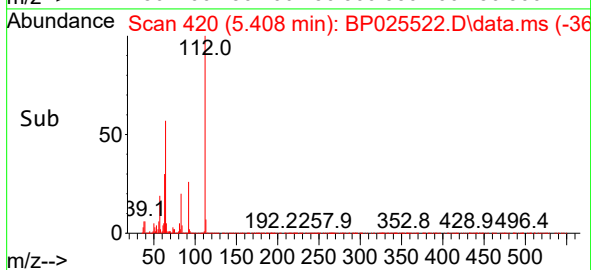
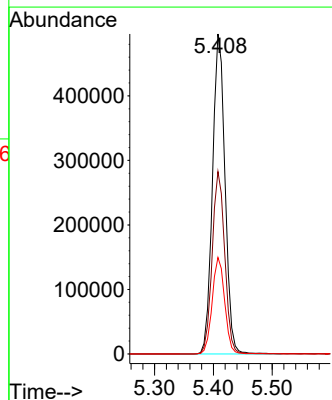
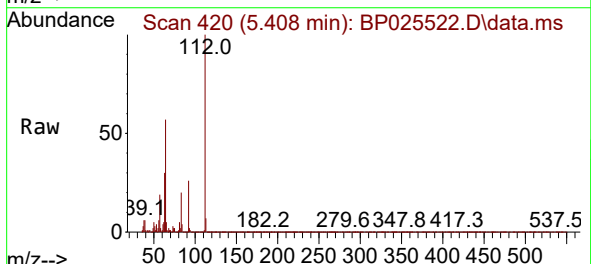
Instrument :  
BNA\_P  
ClientSampleId :

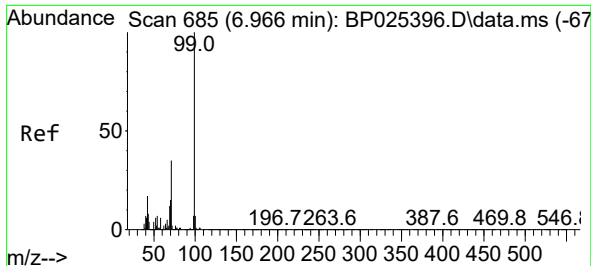
Tgt Ion:152 Resp: 227667  
Ion Ratio Lower Upper  
152 100  
150 159.1 125.9 188.9  
115 61.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 53.586 ng  
RT: 5.408 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: BP025522.D  
Acq: 21 Aug 2025 01:15

Tgt Ion:112 Resp: 734616  
Ion Ratio Lower Upper  
112 100  
64 57.0 43.8 65.8  
63 30.2 22.7 34.1

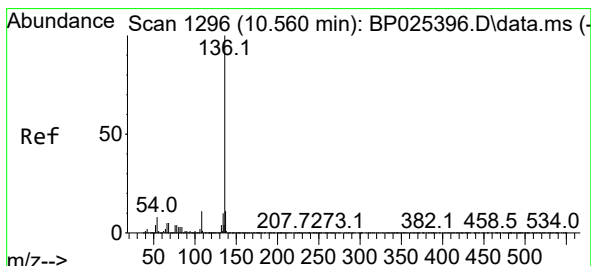
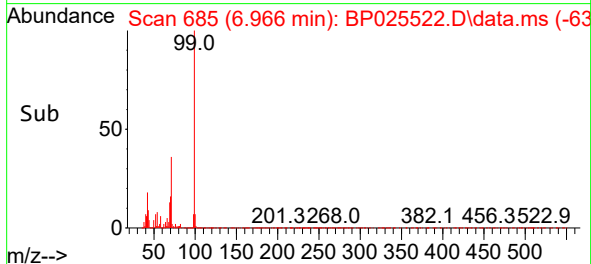
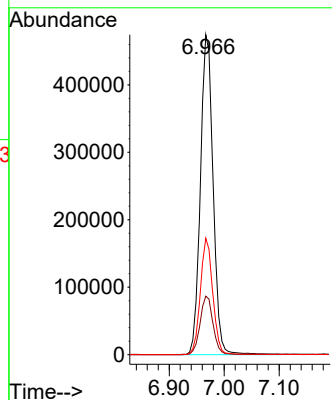
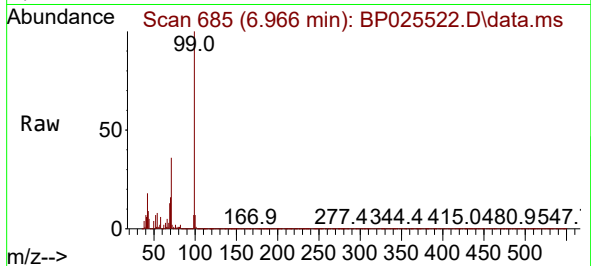




#7  
Phenol-d6  
Concen: 43.444 ng  
RT: 6.966 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BP025522.D  
Acq: 21 Aug 2025 01:15

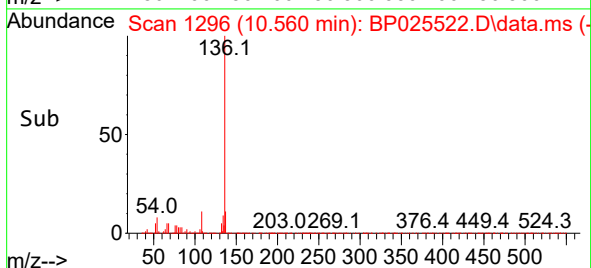
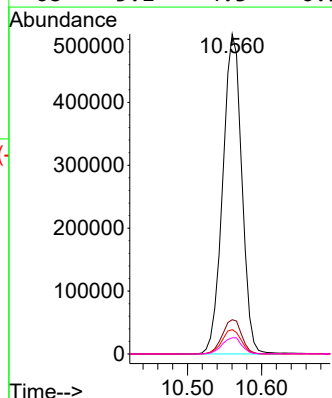
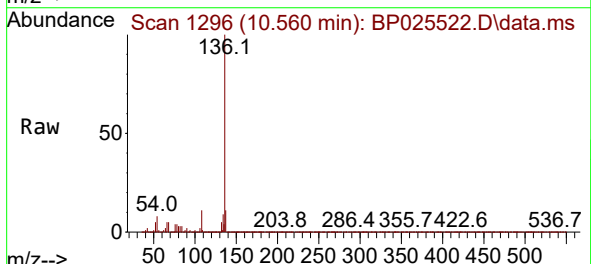
Instrument :  
BNA\_P  
ClientSampleId :

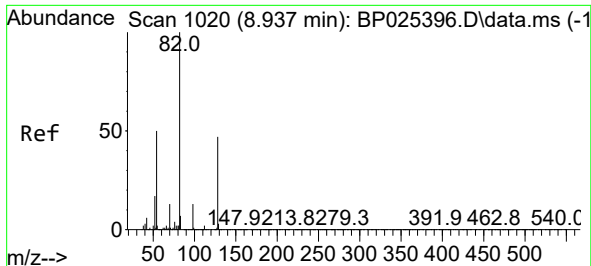
Tgt Ion: 99 Resp: 763590  
Ion Ratio Lower Upper  
99 100  
42 18.3 13.7 20.5  
71 36.4 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.560 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BP025522.D  
Acq: 21 Aug 2025 01:15

Tgt Ion: 136 Resp: 906269  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.2 13.8  
54 7.6 6.0 9.0  
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 47.283 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA\_P

ClientSampleId :

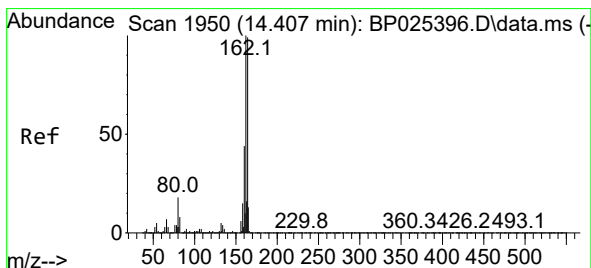
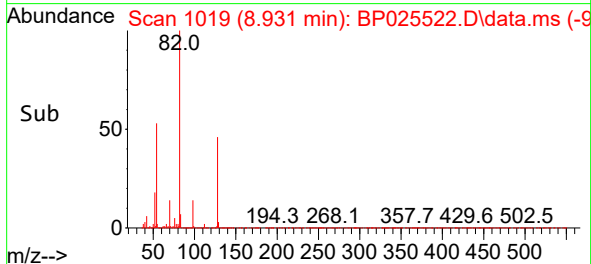
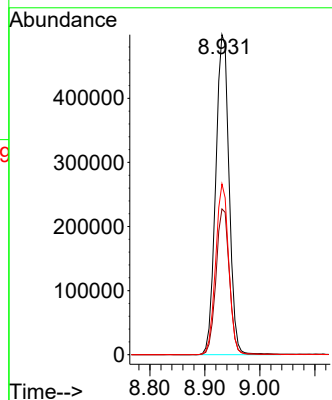
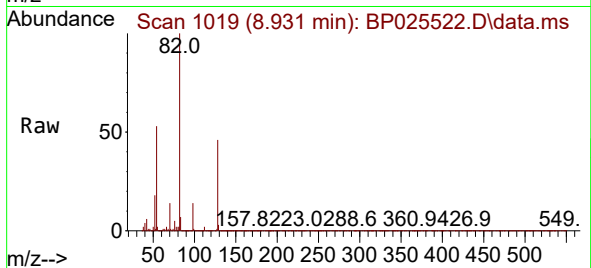
Tgt Ion: 82 Resp: 847098

Ion Ratio Lower Upper

82 100

128 45.5 37.7 56.5

54 53.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

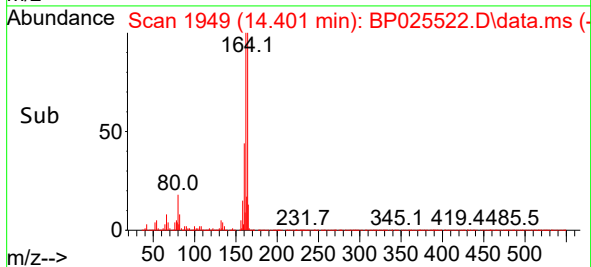
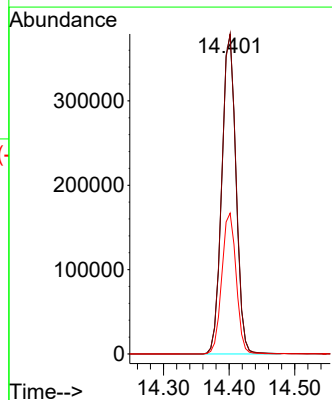
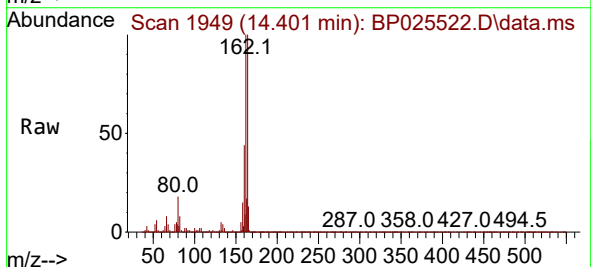
Tgt Ion: 164 Resp: 565733

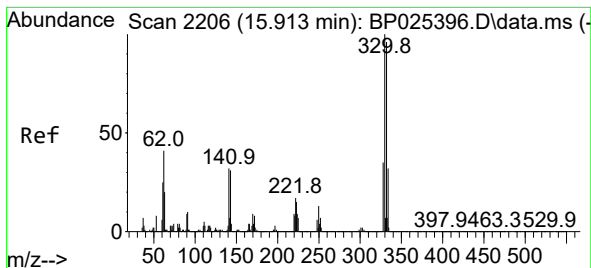
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 70.338 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA\_P

ClientSampleId :

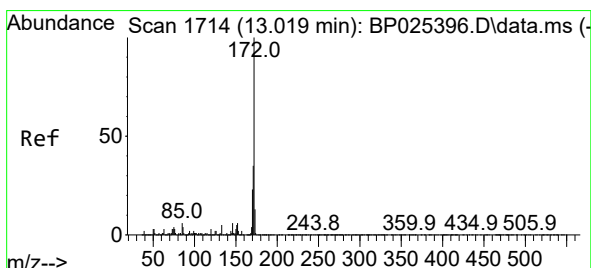
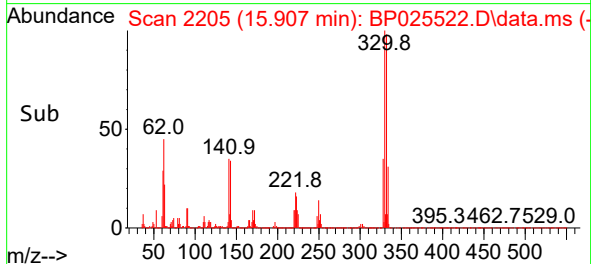
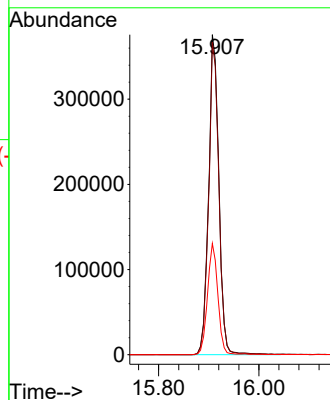
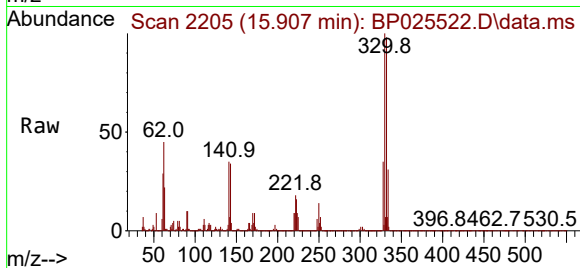
Tgt Ion:330 Resp: 535614

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 43.136 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

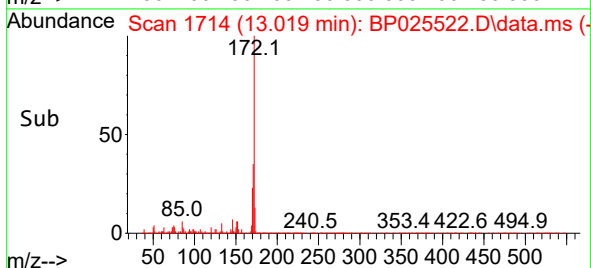
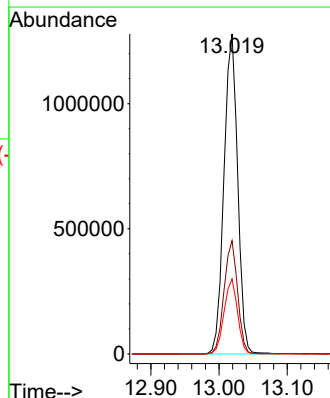
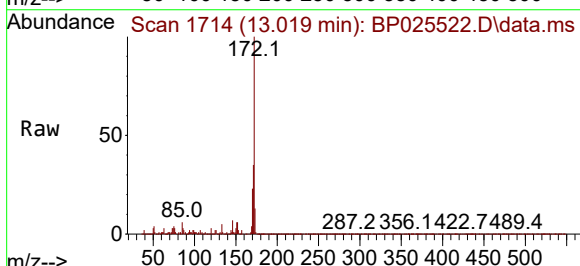
Tgt Ion:172 Resp: 1785576

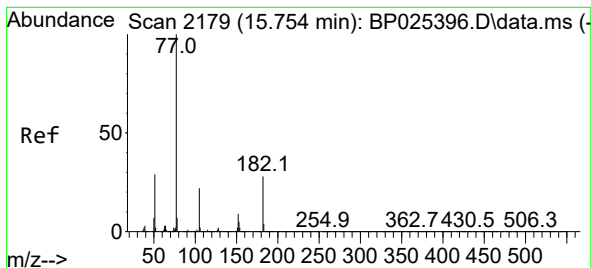
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 28.0





#63

Azobenzene

Concen: 9.631 ng

RT: 15.778 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA\_P

ClientSampleId :

Tgt Ion: 77 Resp: 347139

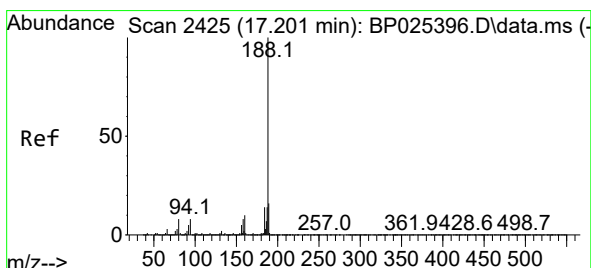
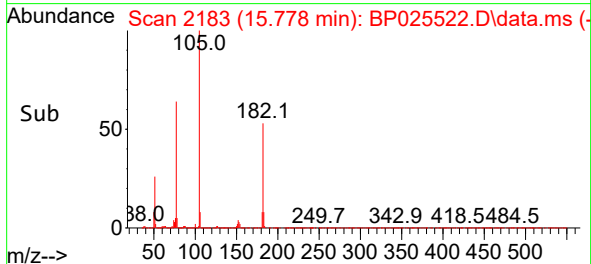
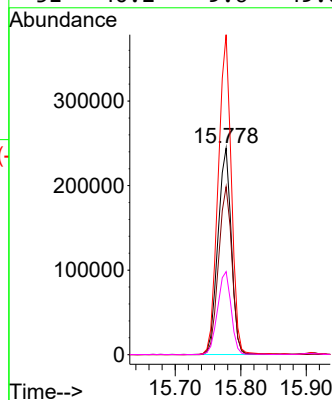
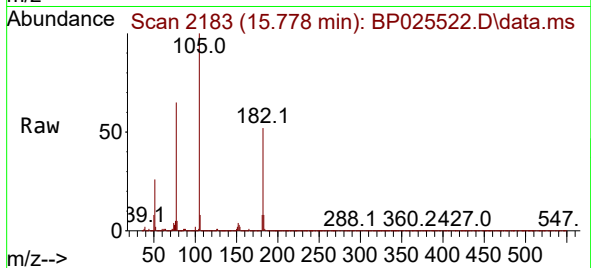
Ion Ratio Lower Upper

77 100

182 81.3 7.5 47.5#

105 154.9 2.1 42.1#

51 40.2 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

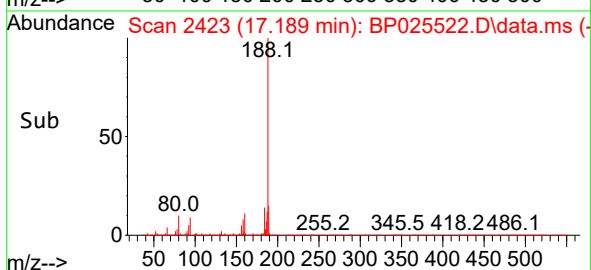
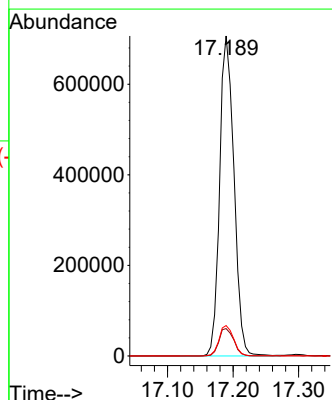
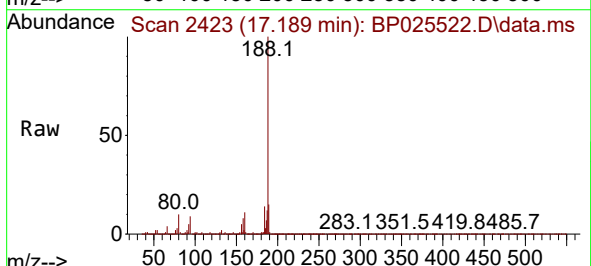
Tgt Ion:188 Resp: 1067338

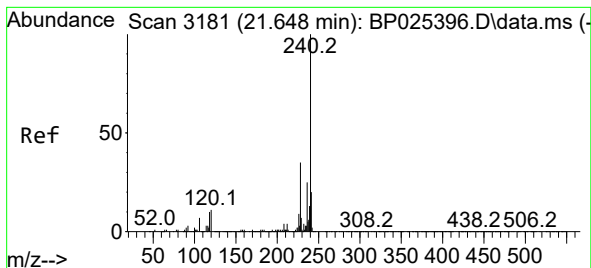
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA\_P

ClientSampleId :

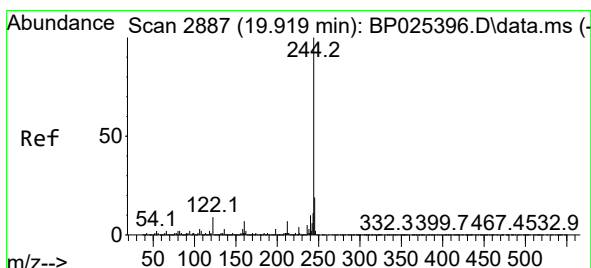
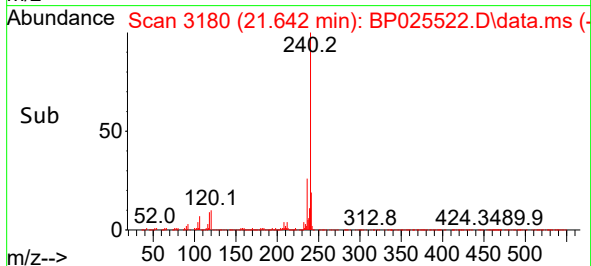
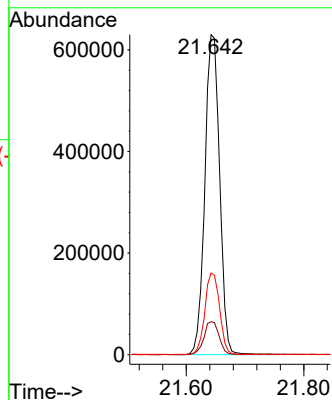
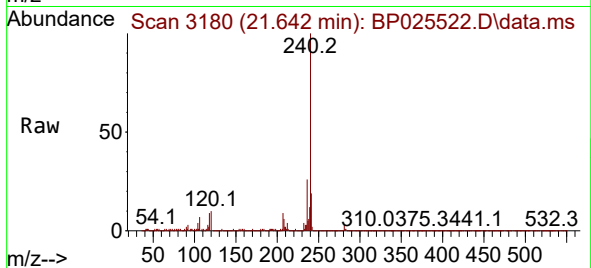
Tgt Ion:240 Resp: 1097367

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 43.260 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

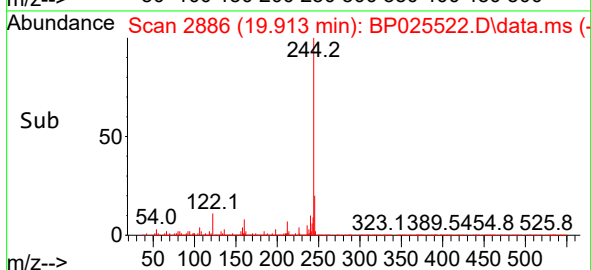
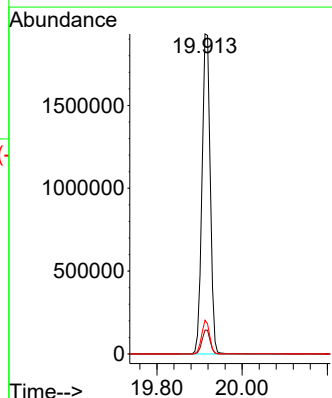
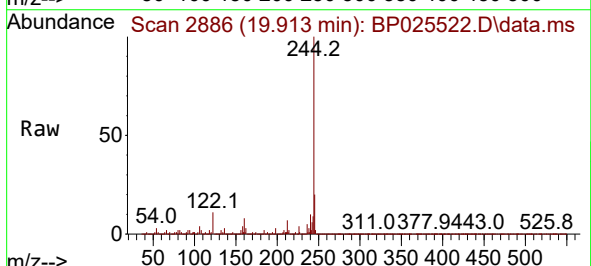
Tgt Ion:244 Resp: 2594700

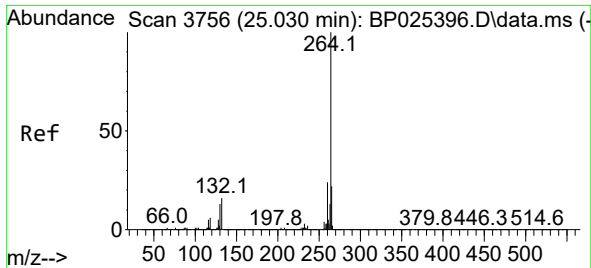
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.5 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 31

Delta R.T. -0.006 min

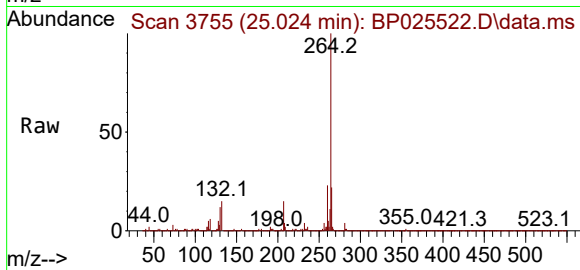
Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion:264 Resp: 1243286

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.8 17.4 26.0

