

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061225\  
 Data File : BP024933.D  
 Acq On : 12 Jun 2025 17:14  
 Operator : RC/JU  
 Sample : Q2295-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP02-MH5-WC

Quant Time: Jun 12 18:32:36 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   | 7.608  | 152  | 245752   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.378 | 136  | 993476   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.254 | 164  | 629062   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.078 | 188  | 1224169  | 20.000 | ng    | 0.02     |
| 76) Chrysene-d12            | 21.495 | 240  | 1265014  | 20.000 | ng    | 0.01     |
| 86) Perylene-d12            | 24.760 | 264  | 1534618  | 20.000 | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.237  | 112  | 1182739  | 80.334 | ng    | 0.00     |
| 7) Phenol-d6                | 6.814  | 99   | 1583201  | 81.274 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.761  | 82   | 935119   | 45.739 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.790 | 330  | 734230   | 84.422 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.854 | 172  | 2049485  | 43.889 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.795 | 244  | 3031160  | 42.945 | ng    | 0.00     |

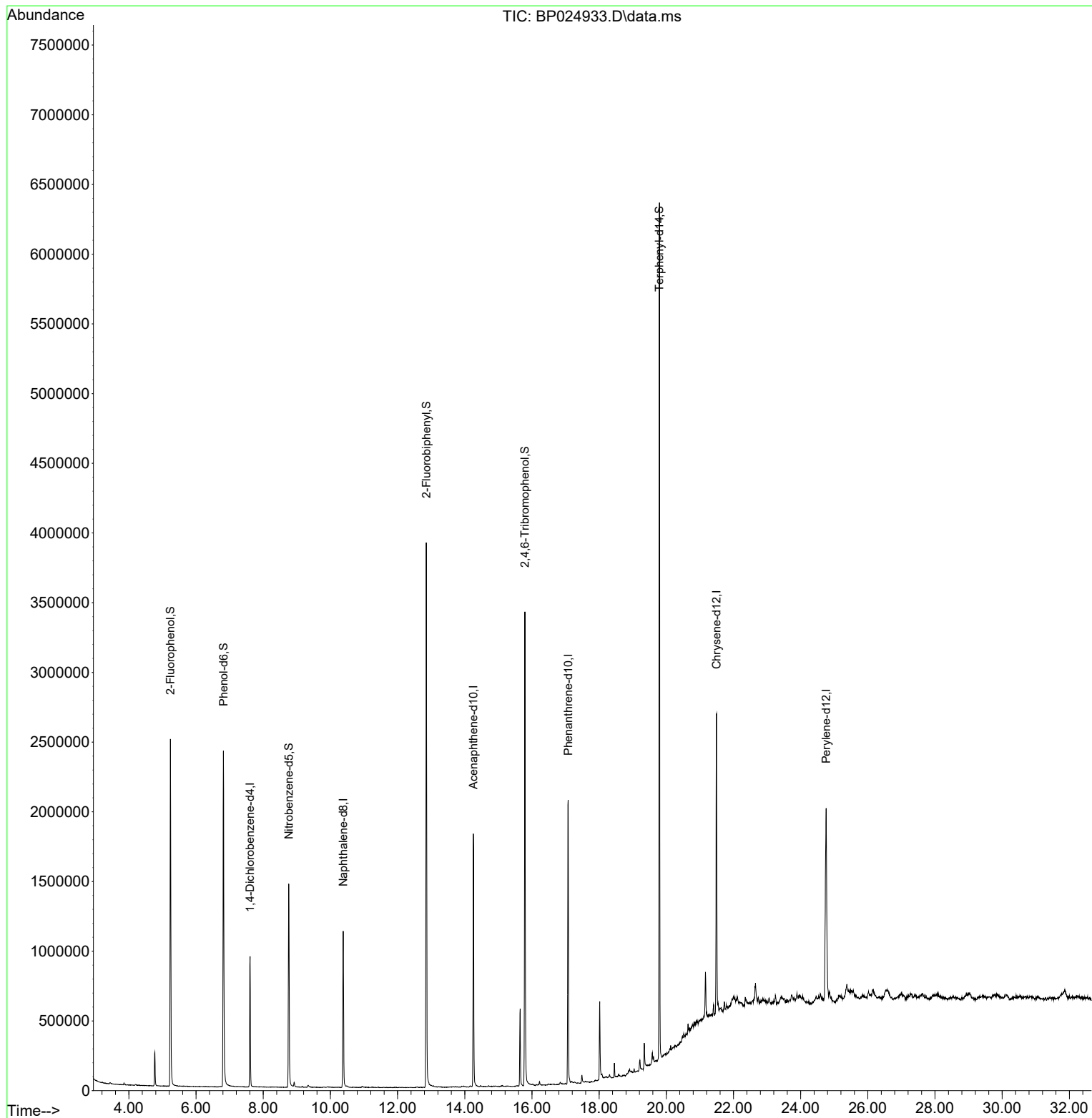
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

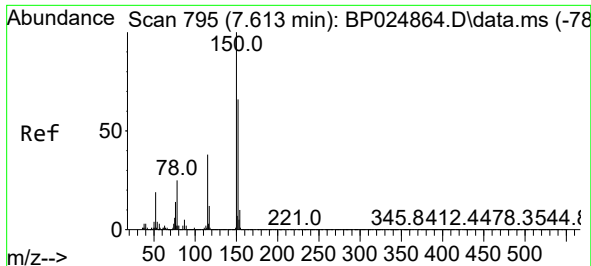
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_P  
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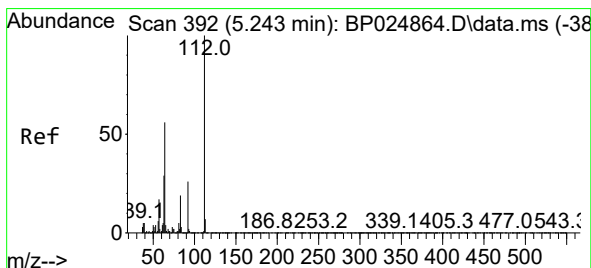
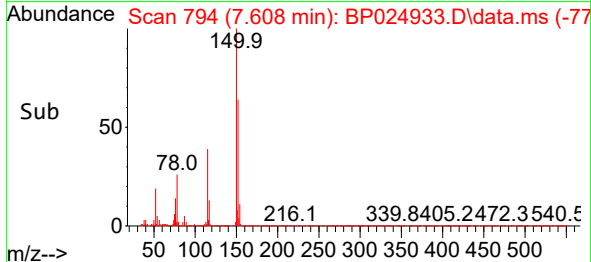
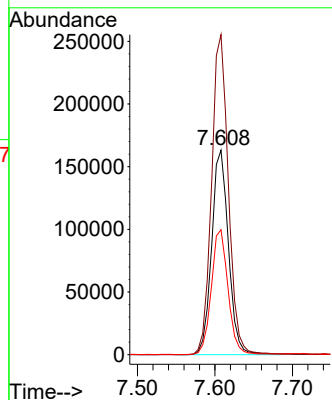
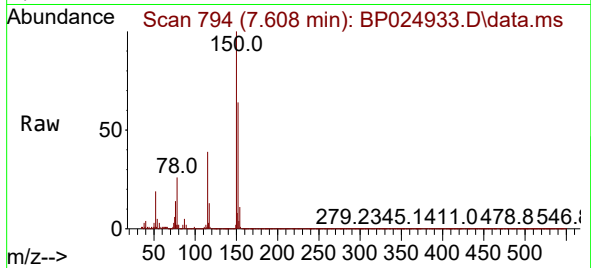




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.608 min Scan# 795  
Delta R.T. -0.005 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

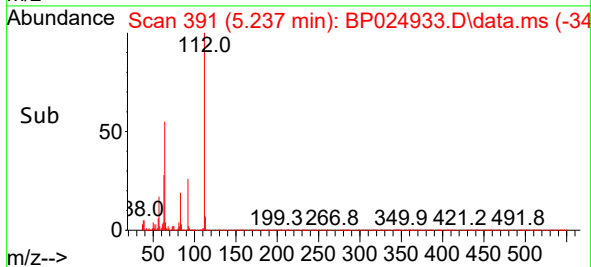
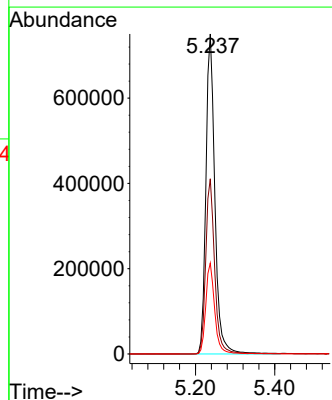
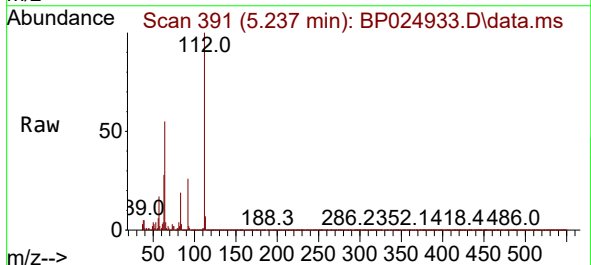
Instrument :  
BNA\_P  
ClientSampleId :  
TP02-MH5-WC

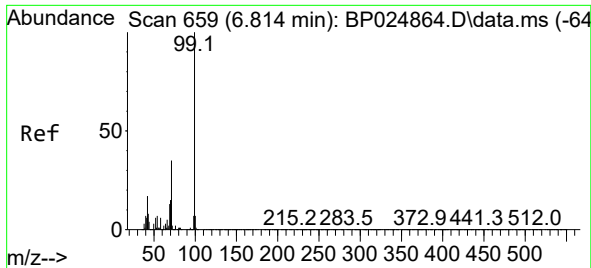
Tgt Ion:152 Resp: 245752  
Ion Ratio Lower Upper  
152 100  
150 156.5 122.1 183.1  
115 61.1 46.4 69.6



#5  
2-Fluorophenol  
Concen: 80.334 ng  
RT: 5.237 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

Tgt Ion:112 Resp: 1182739  
Ion Ratio Lower Upper  
112 100  
64 54.8 44.7 67.1  
63 28.4 23.5 35.3

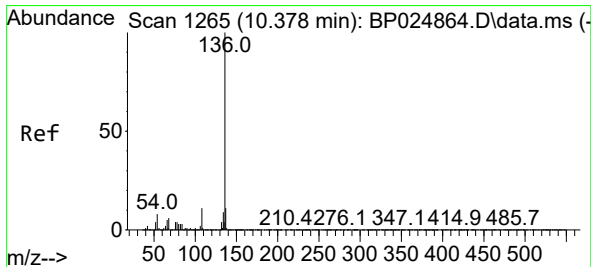
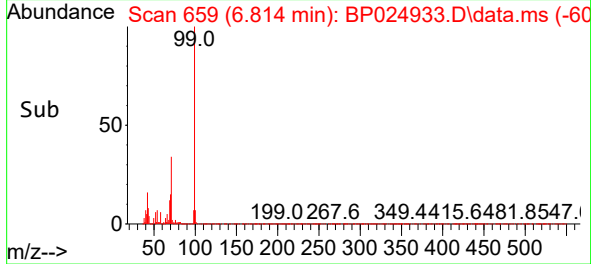
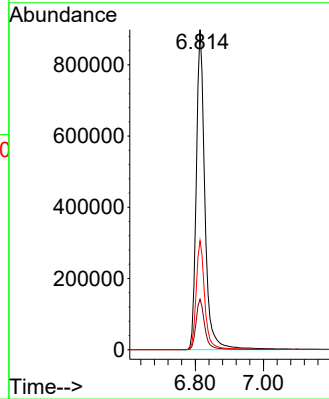
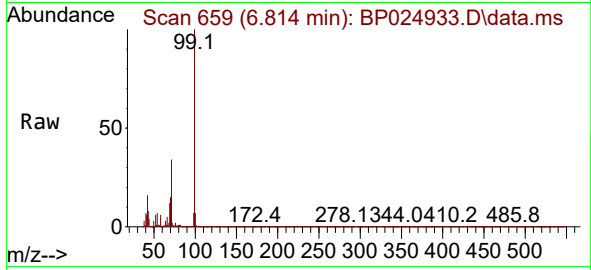




#7  
Phenol-d6  
Concen: 81.274 ng  
RT: 6.814 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

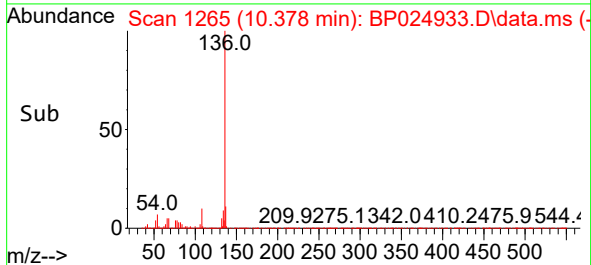
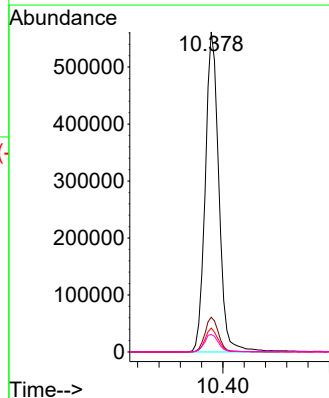
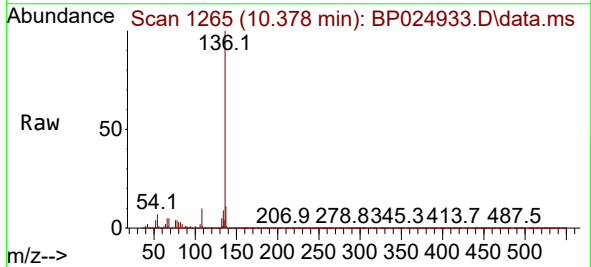
Instrument :  
BNA\_P  
ClientSampleId :  
TP02-MH5-WC

Tgt Ion: 99 Resp: 1583201  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.4 20.2  
71 34.1 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

Tgt Ion: 136 Resp: 993476  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.4 6.1 9.1  
68 5.4 4.6 7.0

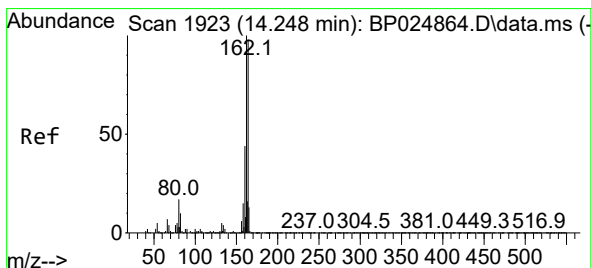
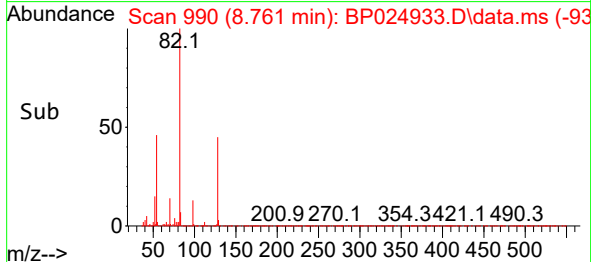
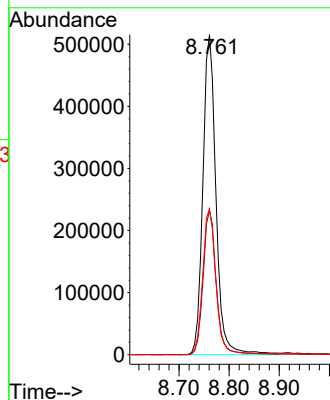
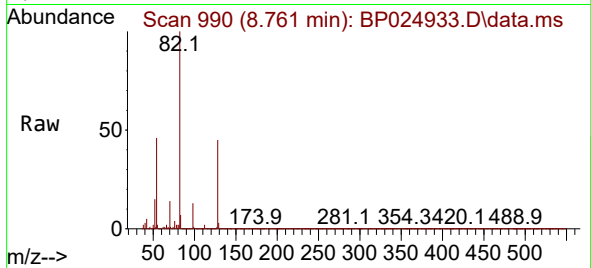




#23  
Nitrobenzene-d5  
Concen: 45.739 ng  
RT: 8.761 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

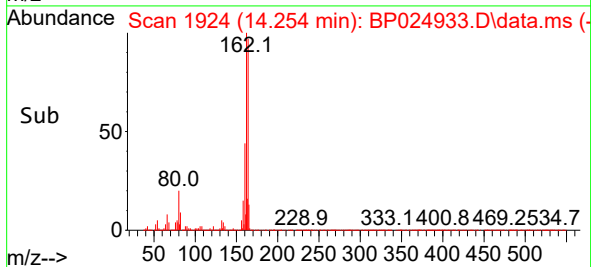
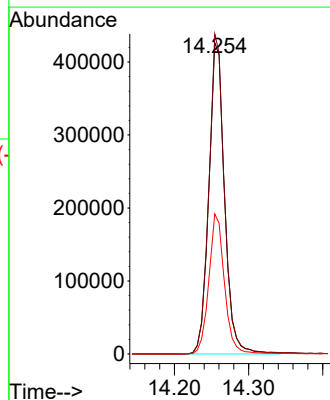
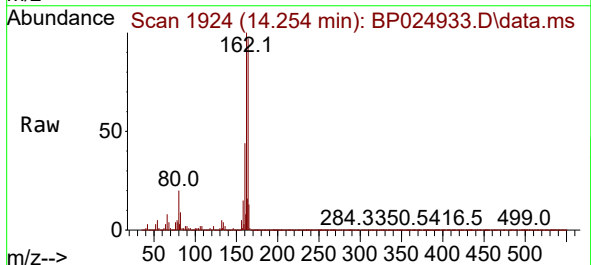
Instrument :  
BNA\_P  
ClientSampleId :  
TP02-MH5-WC

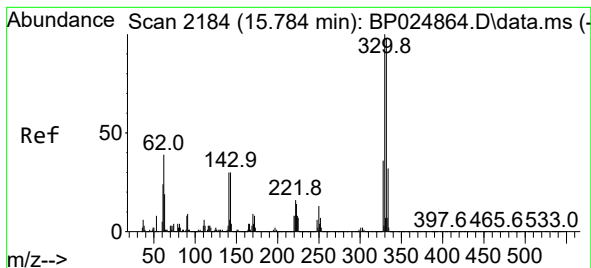
Tgt Ion: 82 Resp: 935119  
Ion Ratio Lower Upper  
82 100  
128 45.0 35.3 52.9  
54 45.6 37.4 56.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.254 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BP024933.D  
Acq: 12 Jun 2025 17:14

Tgt Ion:164 Resp: 629062  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.6 122.4  
160 45.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 84.422 ng

RT: 15.790 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

Instrument :

BNA\_P

ClientSampleId :

TP02-MH5-WC

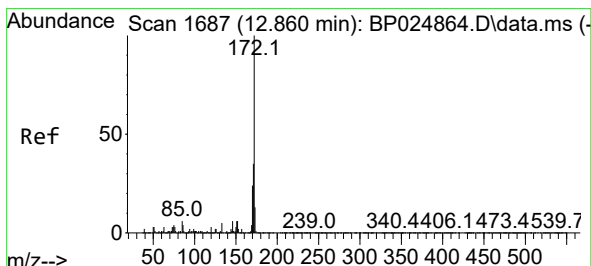
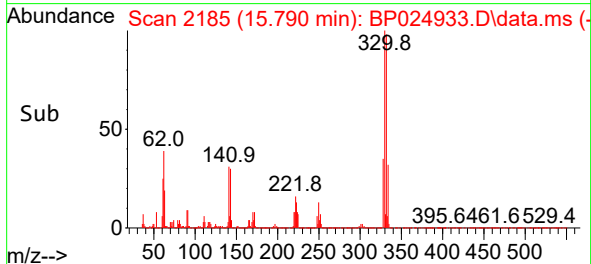
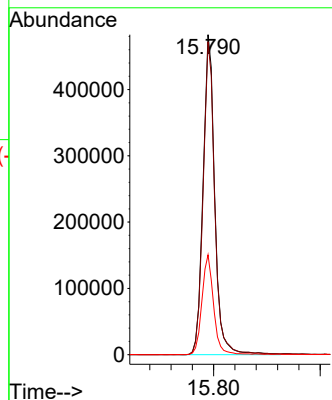
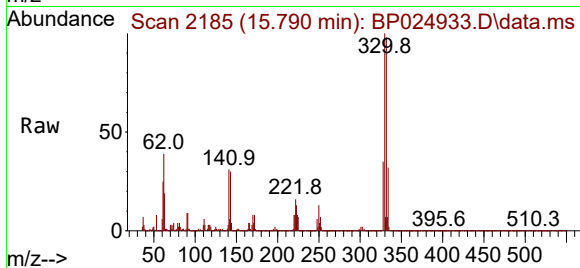
Tgt Ion:330 Resp: 734230

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 31.0 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 43.889 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

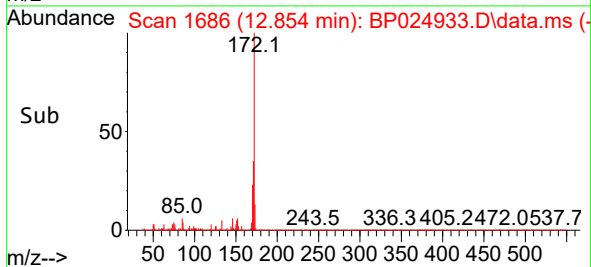
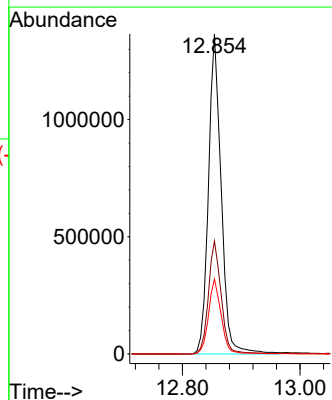
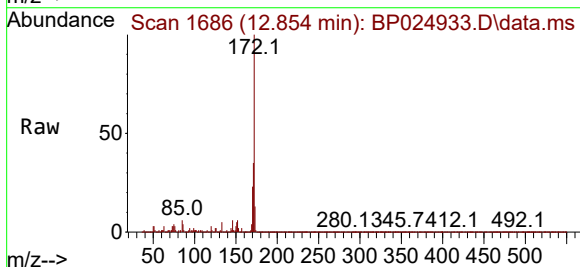
Tgt Ion:172 Resp: 2049485

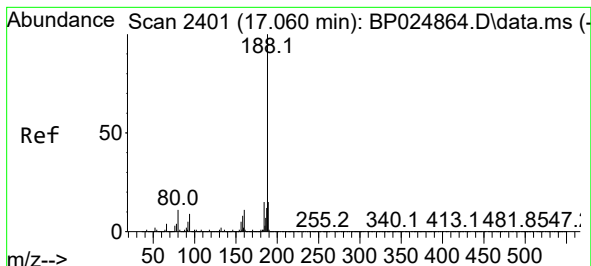
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2404

Delta R.T. 0.018 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

Instrument :

BNA\_P

ClientSampleId :

TP02-MH5-WC

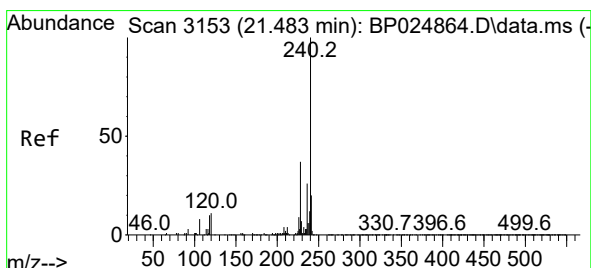
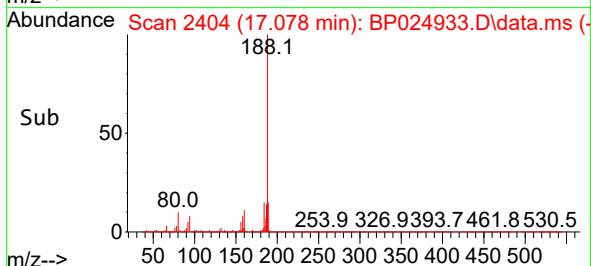
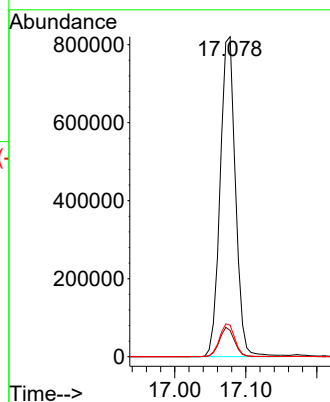
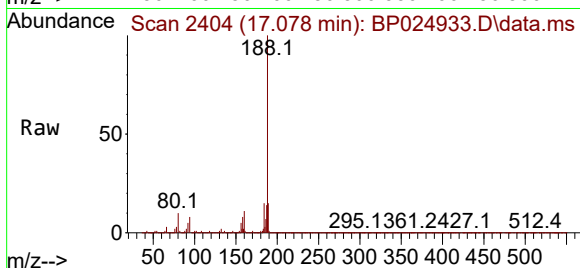
Tgt Ion:188 Resp: 1224169

Ion Ratio Lower Upper

188 100

94 8.2 7.3 10.9

80 9.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

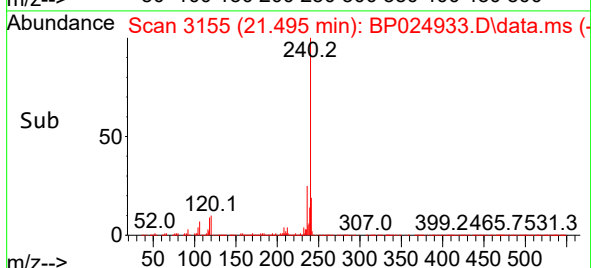
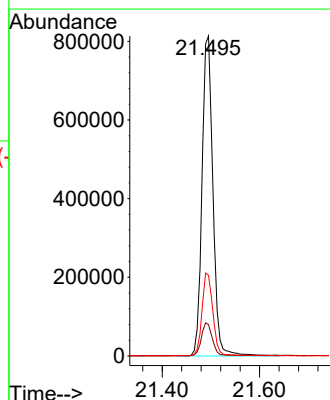
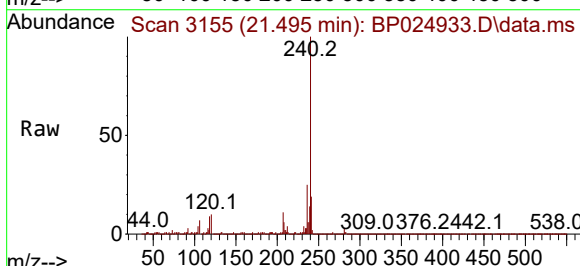
Tgt Ion:240 Resp: 1265014

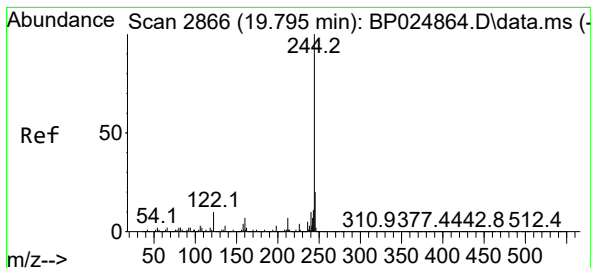
Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 42.945 ng

RT: 19.795 min Scan# 2866

Delta R.T. 0.000 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

Instrument :

BNA\_P

ClientSampleId :

TP02-MH5-WC

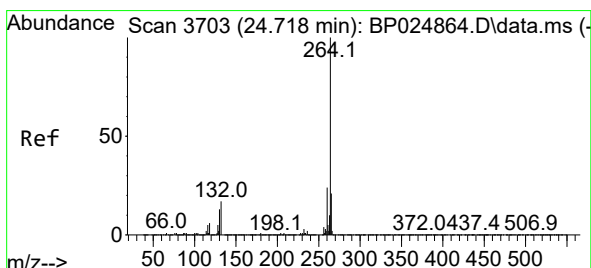
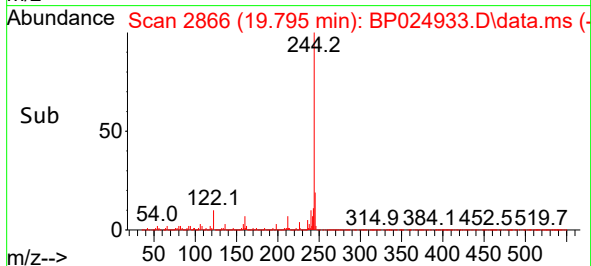
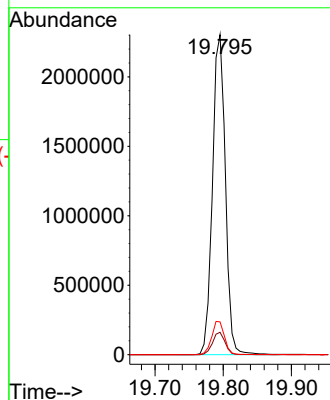
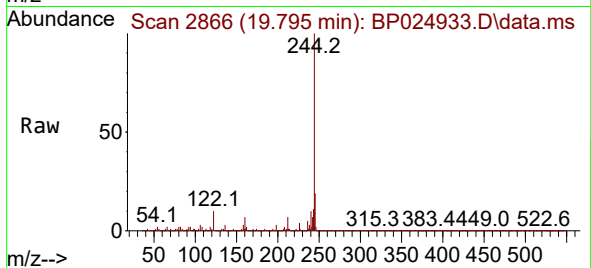
Tgt Ion:244 Resp: 3031160

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024933.D

Acq: 12 Jun 2025 17:14

Tgt Ion:264 Resp: 1534618

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.5 17.4 26.0

