

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061725\  
 Data File : BP024982.D  
 Acq On : 17 Jun 2025 19:29  
 Operator : RC/JU  
 Sample : Q2339-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-C

Quant Time: Jun 18 01:12:17 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   | 7.607  | 152  | 277311   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.378 | 136  | 1109756  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.254 | 164  | 707288   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.071 | 188  | 1365606  | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12            | 21.501 | 240  | 1469301  | 20.000 | ng    | 0.02     |
| 86) Perylene-d12            | 24.771 | 264  | 1678718  | 20.000 | ng    | 0.05     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.243  | 112  | 1250182  | 75.251 | ng    | 0.00     |
| 7) Phenol-d6                | 6.819  | 99   | 1639079  | 74.567 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.760  | 82   | 979128   | 42.873 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.783 | 330  | 726266   | 74.271 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.848 | 172  | 1976593  | 37.647 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.801 | 244  | 3283147  | 40.048 | ng    | 0.00     |

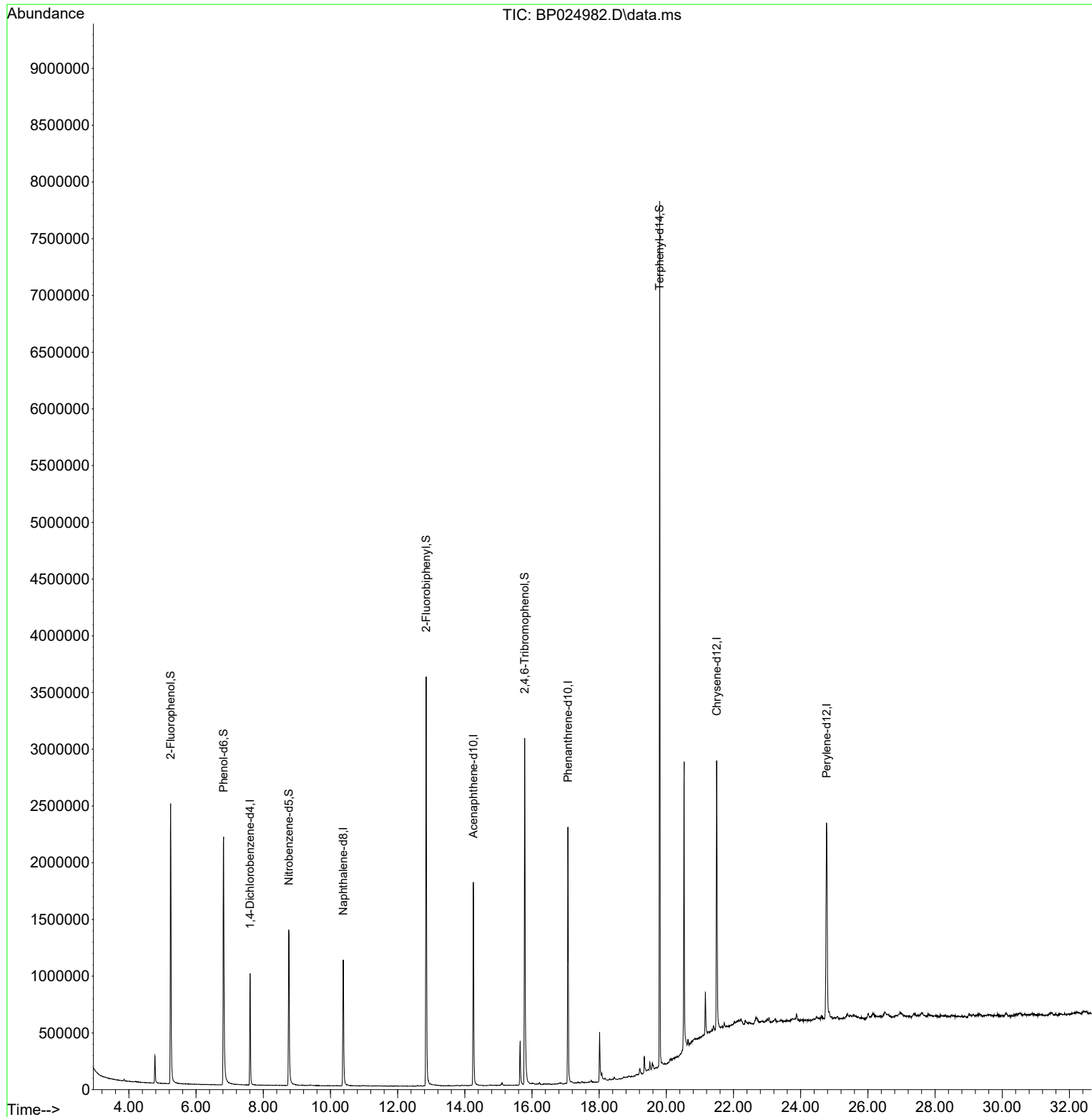
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

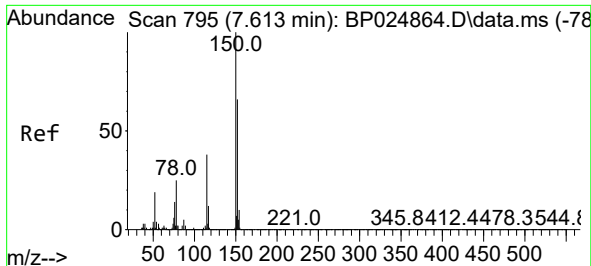
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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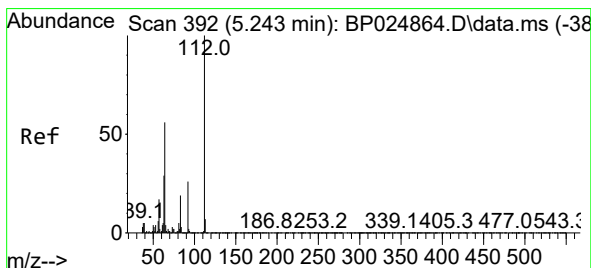
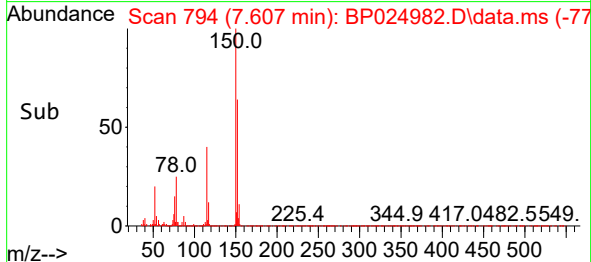
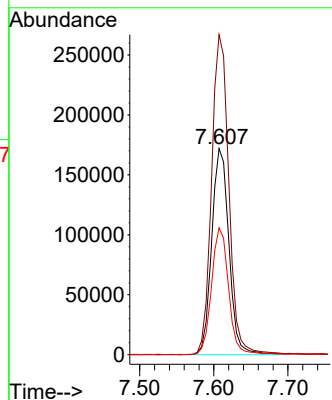
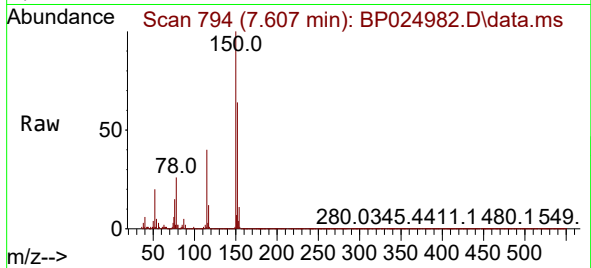




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.607 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BP024982.D  
Acq: 17 Jun 2025 19:29

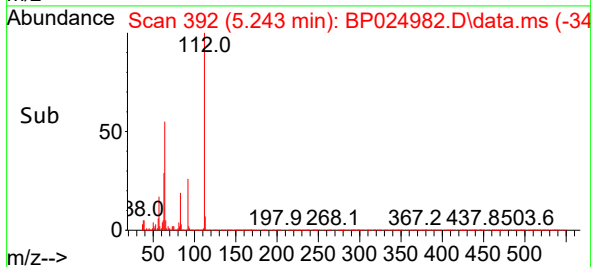
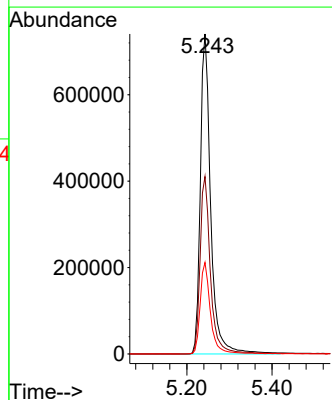
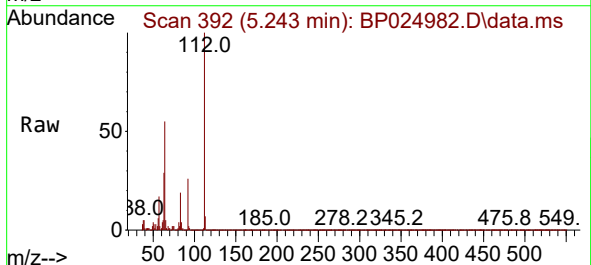
Instrument :  
BNA\_P  
ClientSampleId :  
MH-C

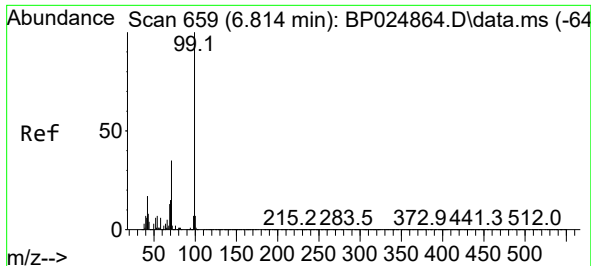
Tgt Ion:152 Resp: 277311  
Ion Ratio Lower Upper  
152 100  
150 155.2 122.1 183.1  
115 61.5 46.4 69.6



#5  
2-Fluorophenol  
Concen: 75.251 ng  
RT: 5.243 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: BP024982.D  
Acq: 17 Jun 2025 19:29

Tgt Ion:112 Resp: 1250182  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.7 67.1  
63 28.6 23.5 35.3

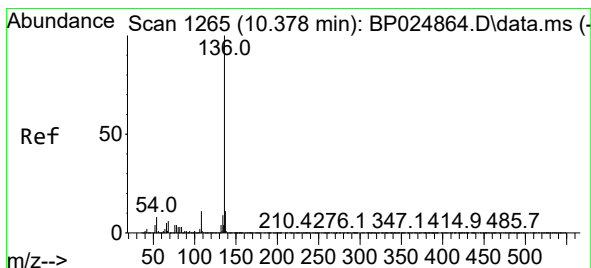
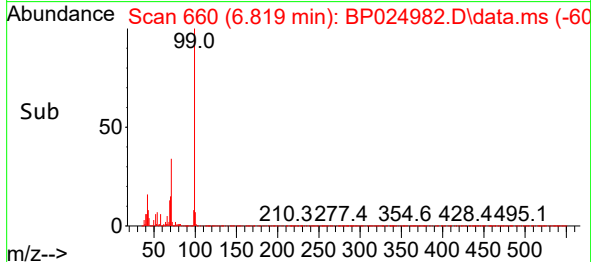
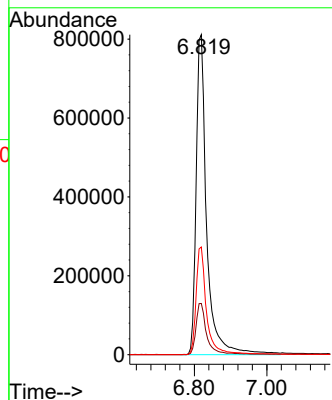
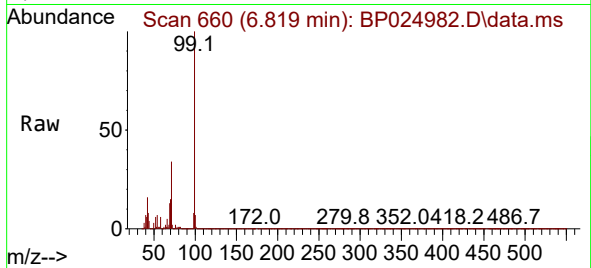




#7  
Phenol-d6  
Concen: 74.567 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.005 min  
Lab File: BP024982.D  
Acq: 17 Jun 2025 19:29

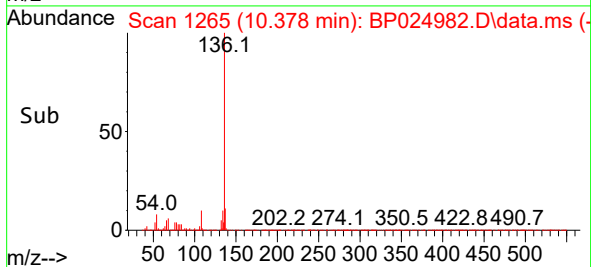
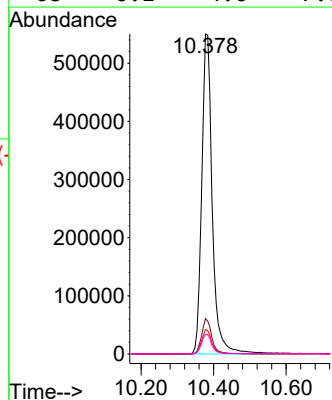
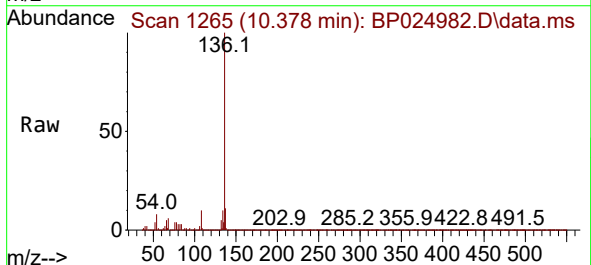
Instrument :  
BNA\_P  
ClientSampleId :  
MH-C

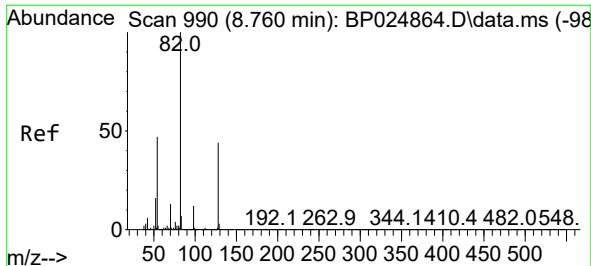
Tgt Ion: 99 Resp: 1639079  
Ion Ratio Lower Upper  
99 100  
42 16.0 13.4 20.2  
71 33.6 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: BP024982.D  
Acq: 17 Jun 2025 19:29

Tgt Ion:136 Resp: 1109756  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.6 6.1 9.1  
68 6.1 4.6 7.0

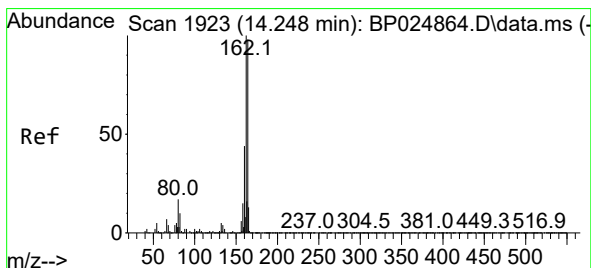
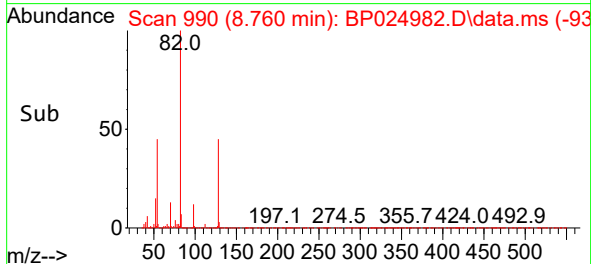
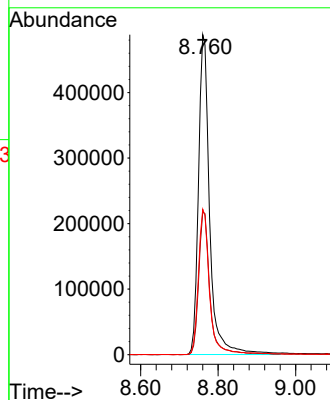
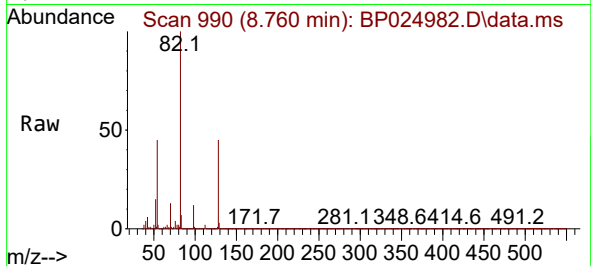




#23  
 Nitrobenzene-d5  
 Concen: 42.873 ng  
 RT: 8.760 min Scan# 990  
 Delta R.T. -0.000 min  
 Lab File: BP024982.D  
 Acq: 17 Jun 2025 19:29

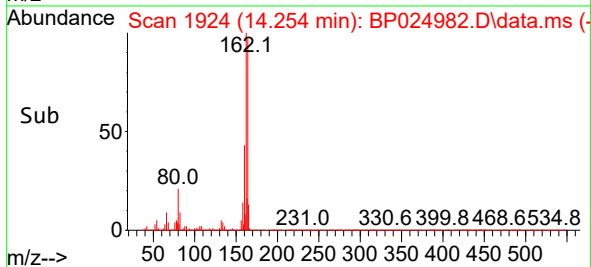
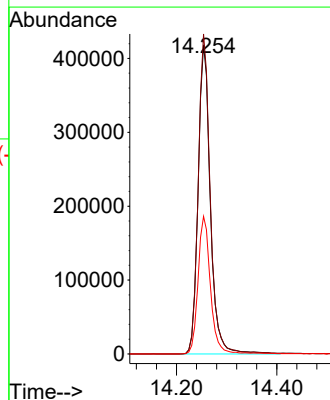
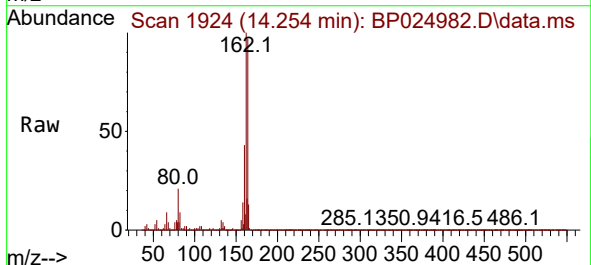
Instrument :  
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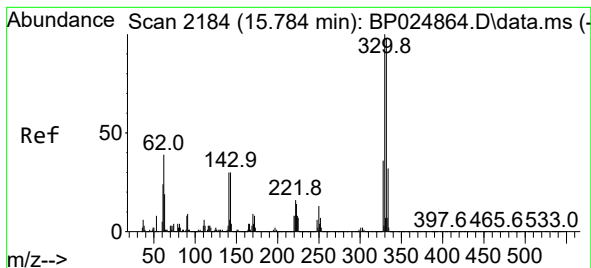
Tgt Ion: 82 Resp: 979128  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 35.3 52.9  
 54 45.5 37.4 56.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.254 min Scan# 1924  
 Delta R.T. 0.005 min  
 Lab File: BP024982.D  
 Acq: 17 Jun 2025 19:29

Tgt Ion:164 Resp: 707288  
 Ion Ratio Lower Upper  
 164 100  
 162 103.5 81.6 122.4  
 160 44.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 74.271 ng

RT: 15.783 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

Instrument :

BNA\_P

ClientSampleId :

MH-C

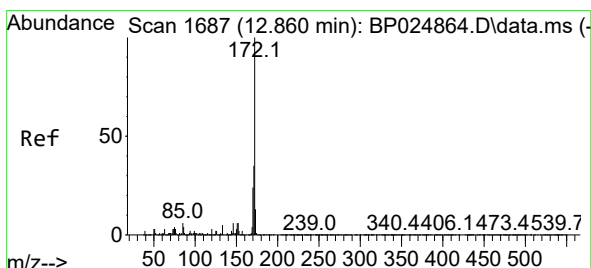
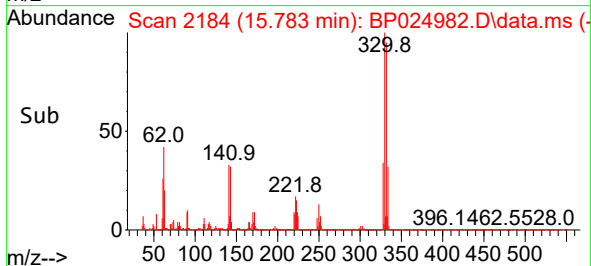
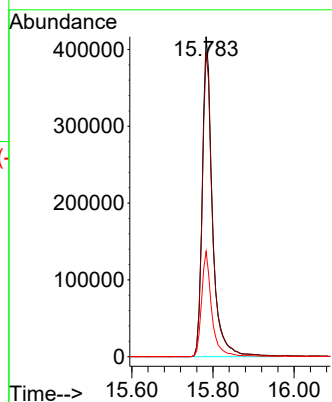
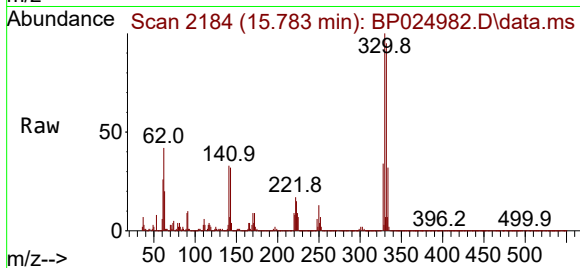
Tgt Ion:330 Resp: 726266

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 32.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 37.647 ng

RT: 12.848 min Scan# 1685

Delta R.T. -0.012 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

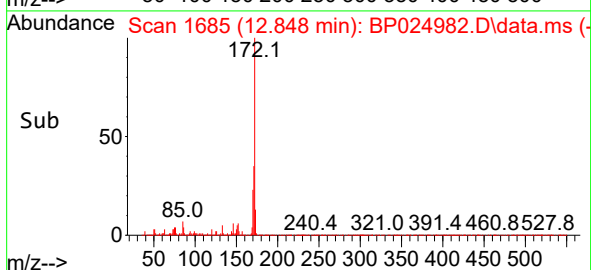
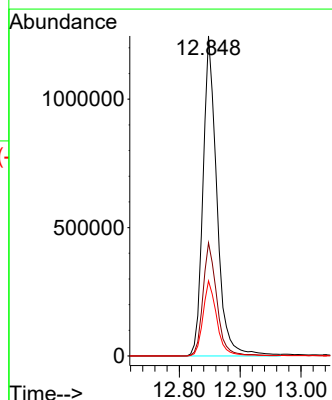
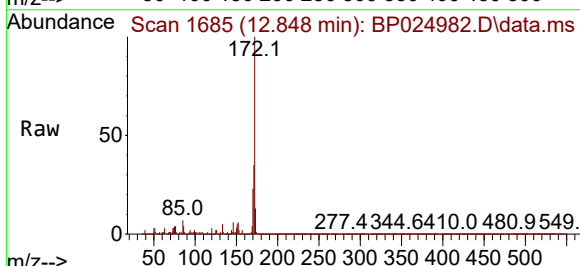
Tgt Ion:172 Resp: 1976593

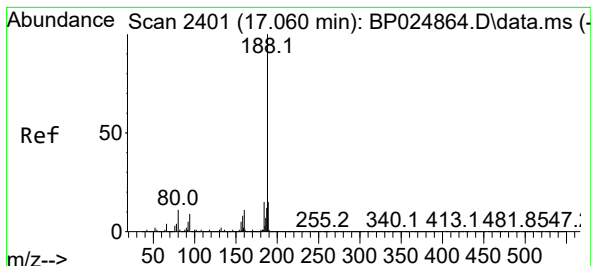
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.071 min Scan# 2403

Delta R.T. 0.011 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

Instrument :

BNA\_P

ClientSampleId :

MH-C

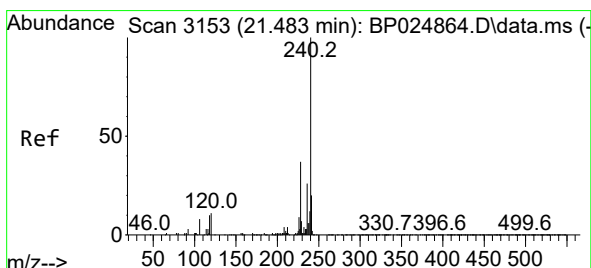
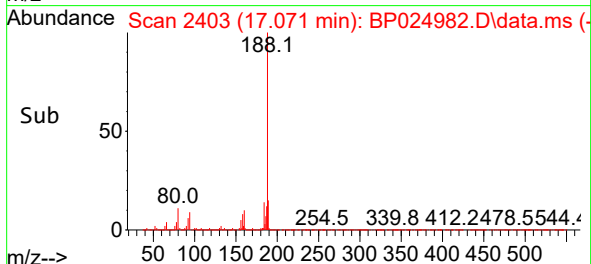
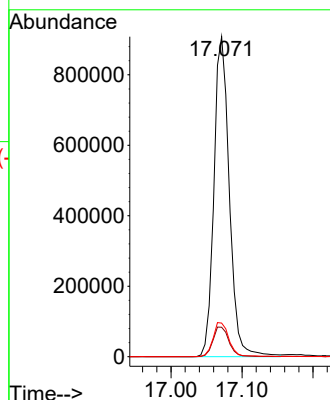
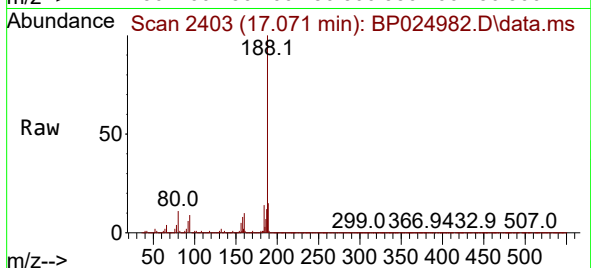
Tgt Ion:188 Resp: 1365606

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 10.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.017 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

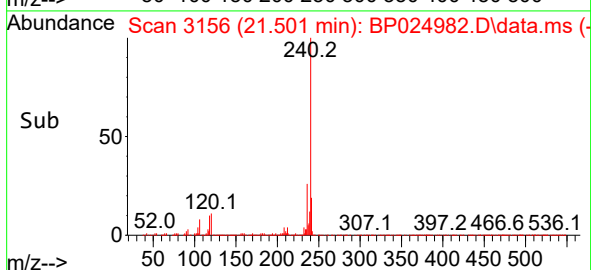
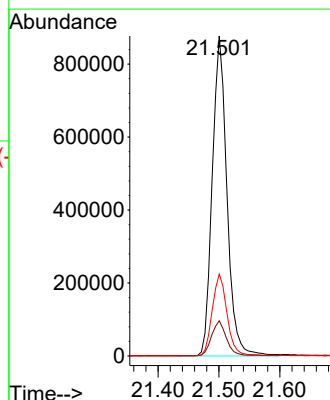
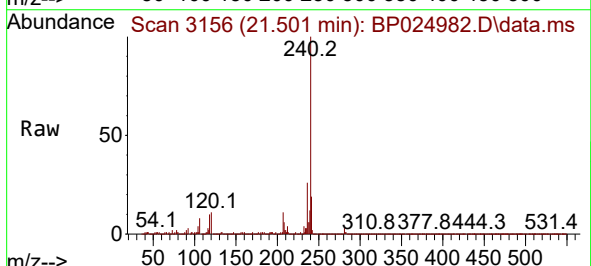
Tgt Ion:240 Resp: 1469301

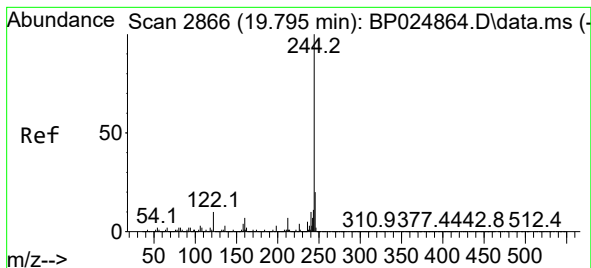
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 40.048 ng

RT: 19.801 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

Instrument :

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ClientSampleId :

MH-C

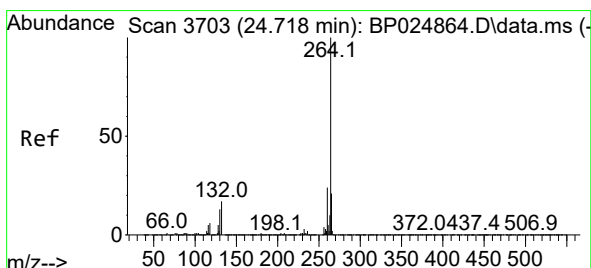
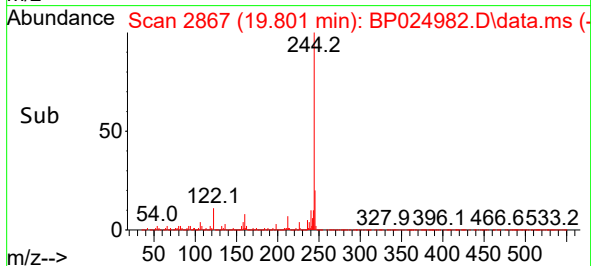
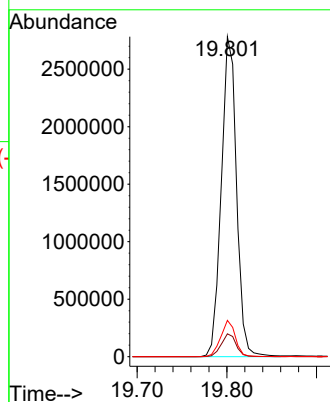
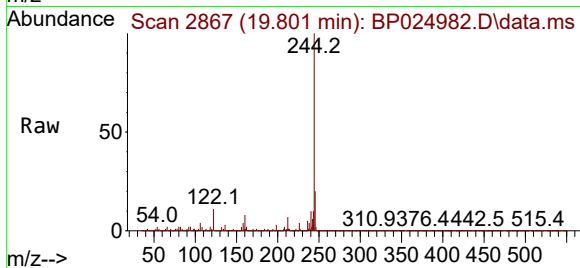
Tgt Ion:244 Resp: 3283147

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.052 min

Lab File: BP024982.D

Acq: 17 Jun 2025 19:29

Tgt Ion:264 Resp: 1678718

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.4 17.4 26.0

