

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061725\  
 Data File : BP024980.D  
 Acq On : 17 Jun 2025 18:08  
 Operator : RC/JU  
 Sample : Q2311-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP04-MH2MH3-WC

Quant Time: Jun 17 18:32:32 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  | 259418   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.378 | 136  | 968972   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.254 | 164  | 596203   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.060 | 188  | 1216069  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.489 | 240  | 1448141  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.771 | 264  | 1738289  | 20.000  | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.243  | 112  | 2047823  | 131.765 | ng    | 0.00     |
| 7) Phenol-d6                | 6.819  | 99   | 2347948  | 114.184 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.760  | 82   | 1677177  | 84.109  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.783 | 330  | 1197530  | 145.281 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.854 | 172  | 3549788  | 80.207  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.783 | 244  | 6353110  | 78.627  | ng    | -0.01    |

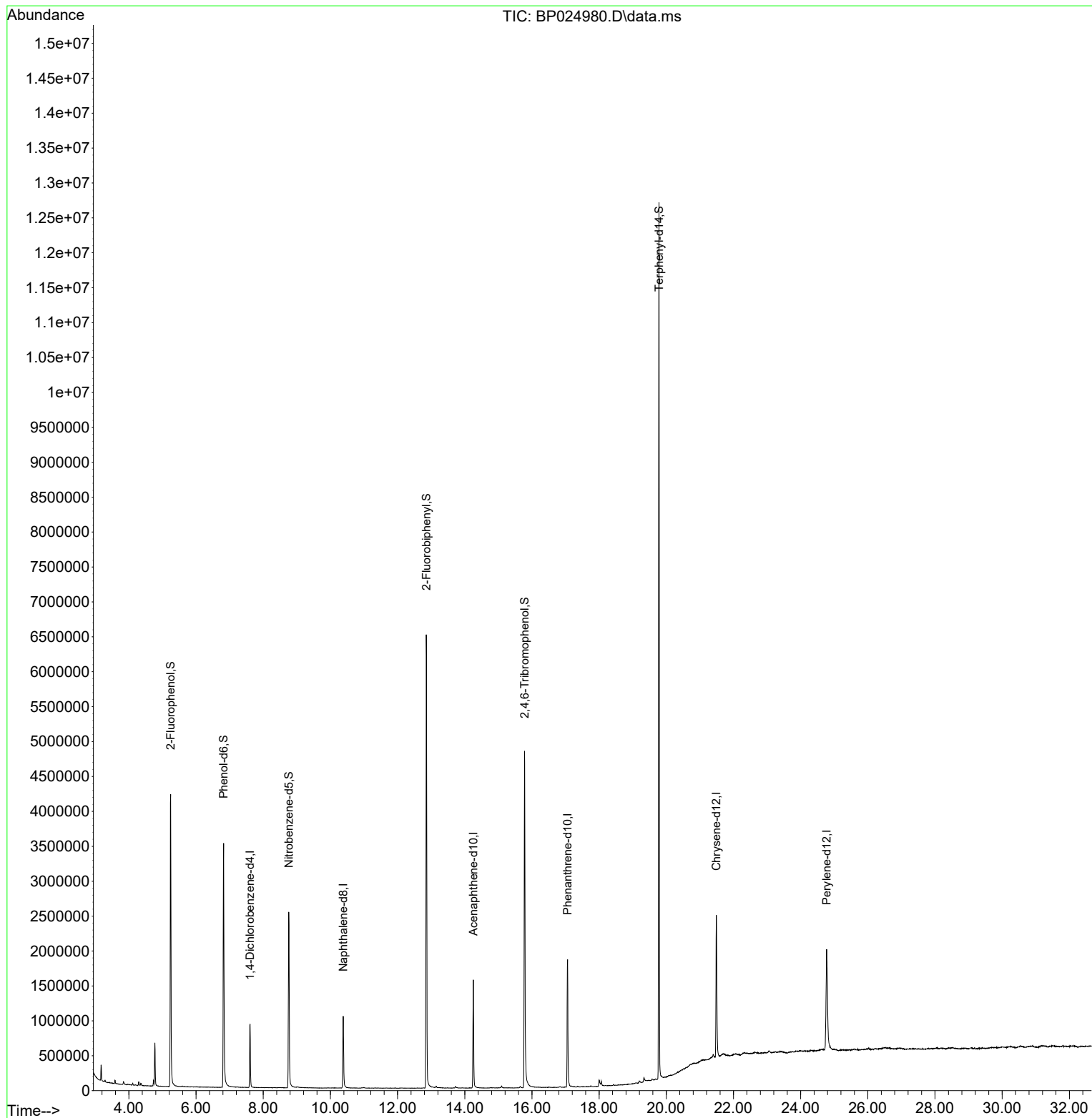
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

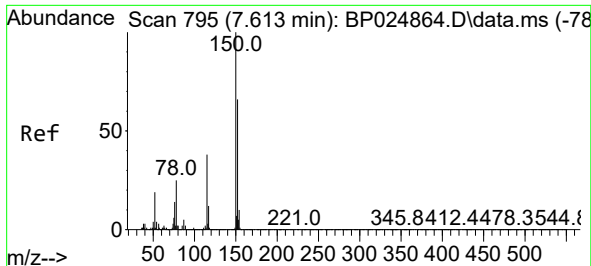
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 06 16:20:27 2025  
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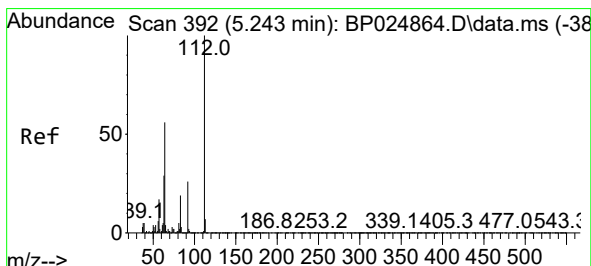
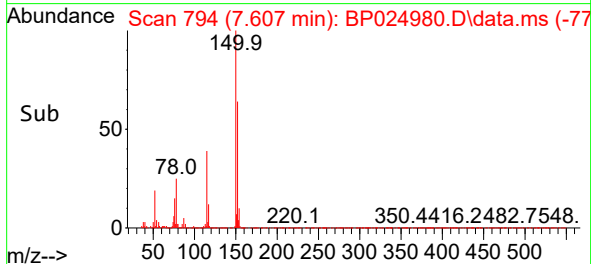
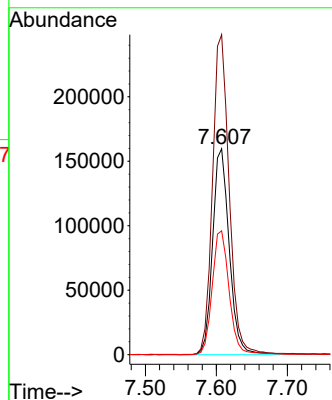
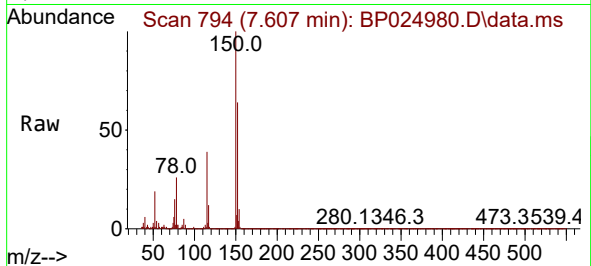




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.607 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

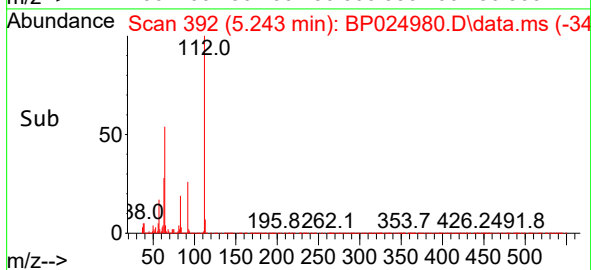
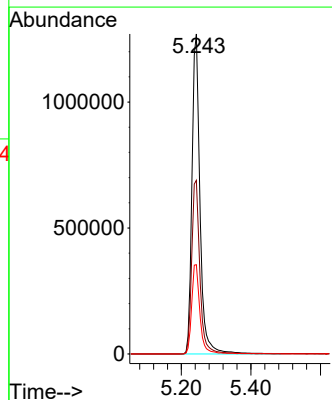
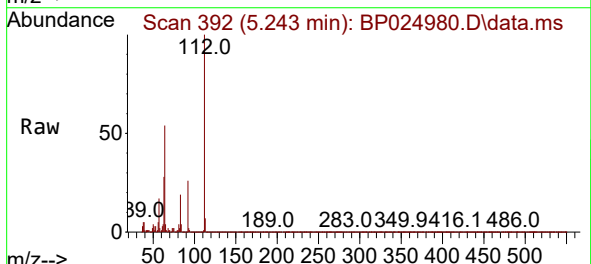
Instrument :  
BNA\_P  
ClientSampleId :  
TP04-MH2MH3-WC

Tgt Ion:152 Resp: 259418  
Ion Ratio Lower Upper  
152 100  
150 155.4 122.1 183.1  
115 60.1 46.4 69.6



#5  
2-Fluorophenol  
Concen: 131.765 ng  
RT: 5.243 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

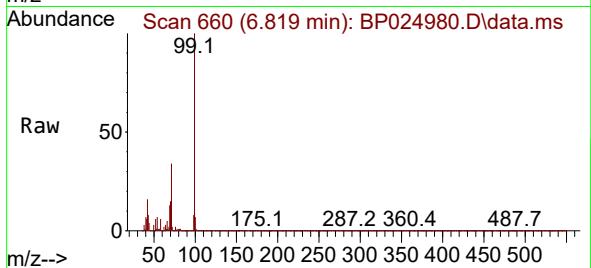
Tgt Ion:112 Resp: 2047823  
Ion Ratio Lower Upper  
112 100  
64 54.2 44.7 67.1  
63 27.9 23.5 35.3



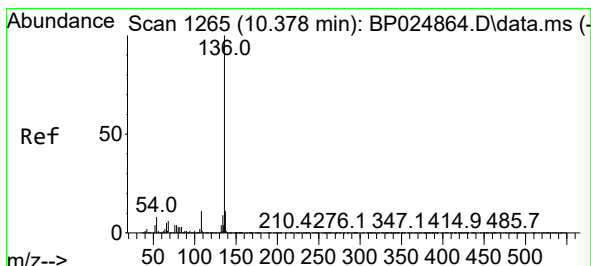
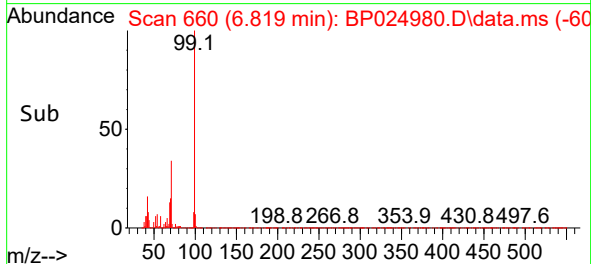
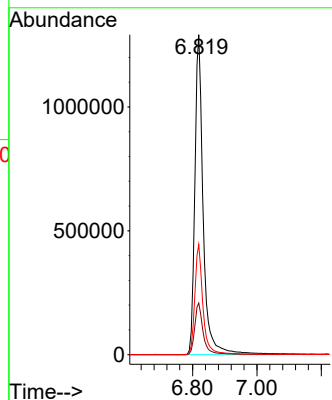


#7  
Phenol-d6  
Concen: 114.184 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

Instrument :  
BNA\_P  
ClientSampleId :  
TP04-MH2MH3-WC

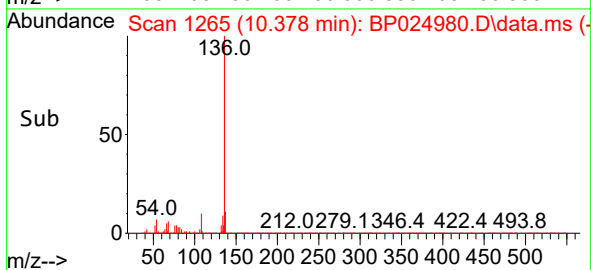
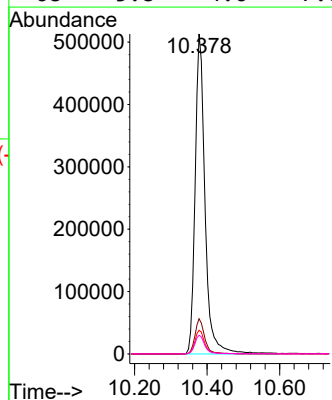
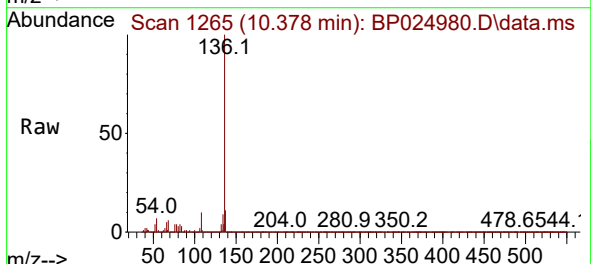


Tgt Ion: 99 Resp: 2347948  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.4 20.2  
71 34.4 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

Tgt Ion:136 Resp: 968972  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.4 6.1 9.1  
68 5.8 4.6 7.0

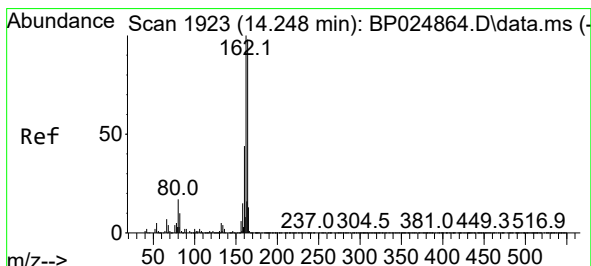
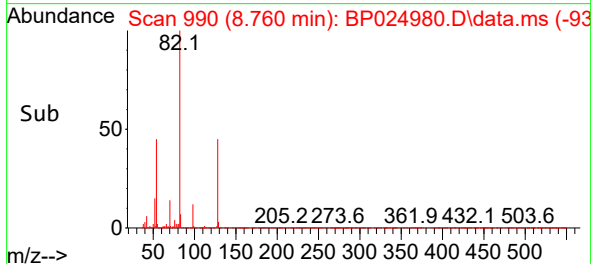
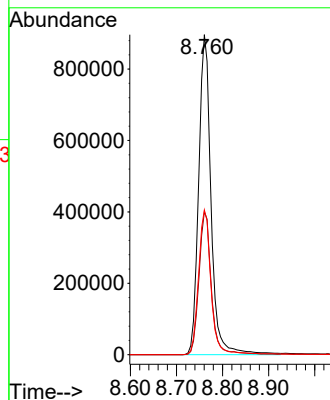
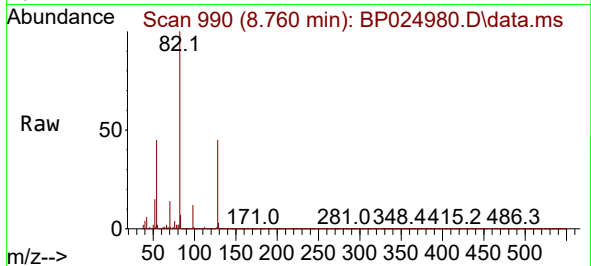




#23  
Nitrobenzene-d5  
Concen: 84.109 ng  
RT: 8.760 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

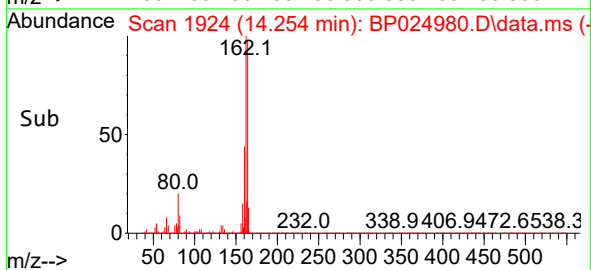
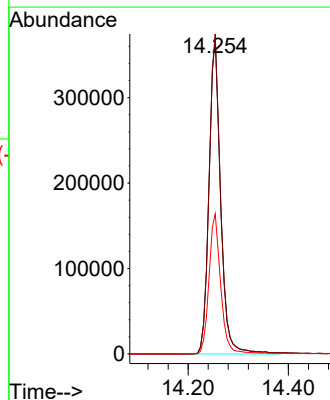
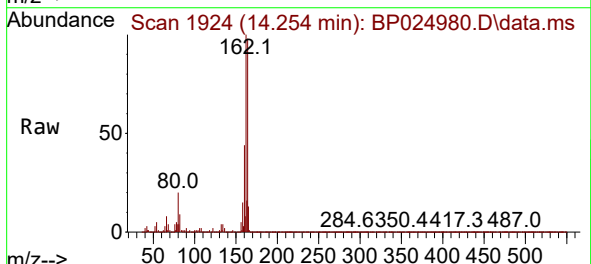
Instrument :  
BNA\_P  
ClientSampleId :  
TP04-MH2MH3-WC

Tgt Ion: 82 Resp: 1677177  
Ion Ratio Lower Upper  
82 100  
128 44.7 35.3 52.9  
54 45.3 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: BP024980.D  
Acq: 17 Jun 2025 18:08

Tgt Ion:164 Resp: 596203  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.6 122.4  
160 44.5 36.2 54.2

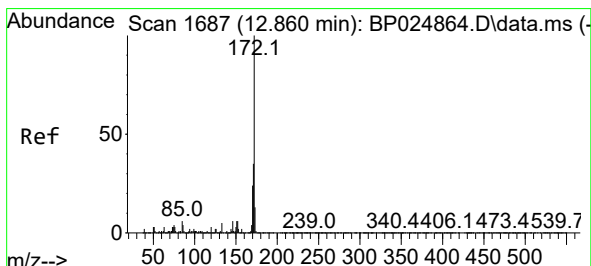
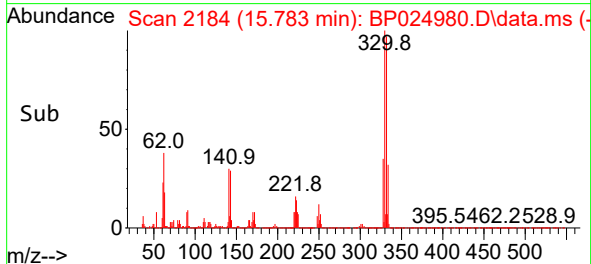
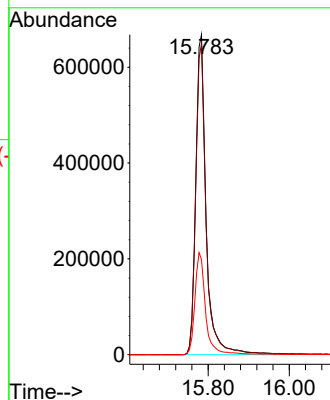
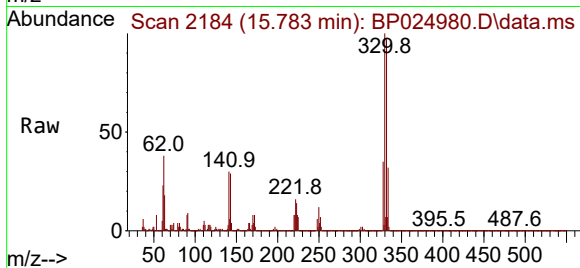




#42  
2,4,6-Tribromophenol  
Concen: 145.281 ng  
RT: 15.783 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

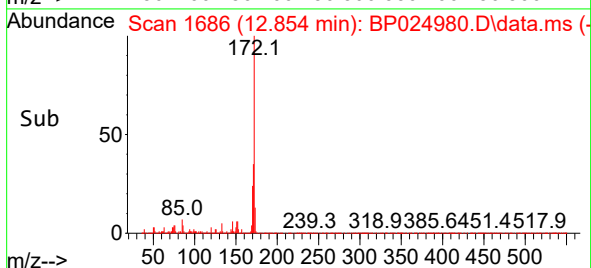
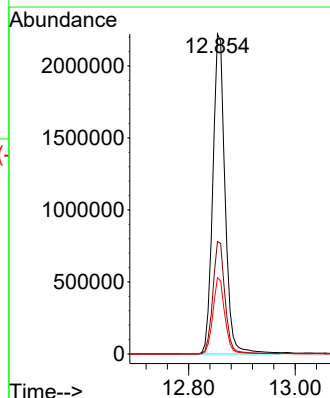
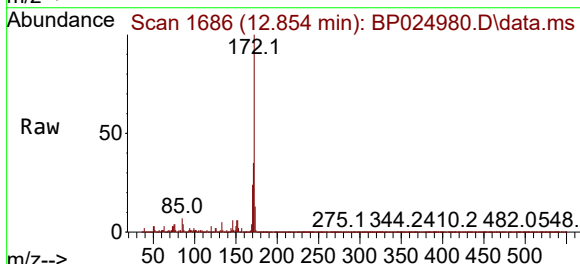
Instrument :  
BNA\_P  
ClientSampleId :  
TP04-MH2MH3-WC

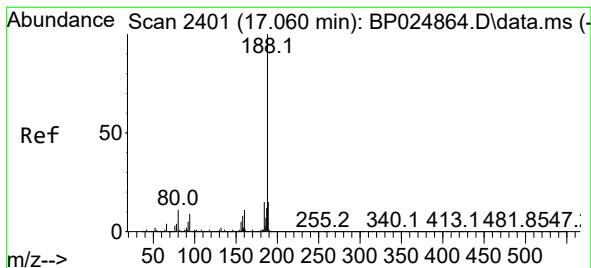
Tgt Ion:330 Resp: 1197530  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.7 116.5  
141 32.6 26.4 39.6



#45  
2-Fluorobiphenyl  
Concen: 80.207 ng  
RT: 12.854 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BP024980.D  
Acq: 17 Jun 2025 18:08

Tgt Ion:172 Resp: 3549788  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.3 42.5  
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Instrument :

BNA\_P

ClientSampleId :

TP04-MH2MH3-WC

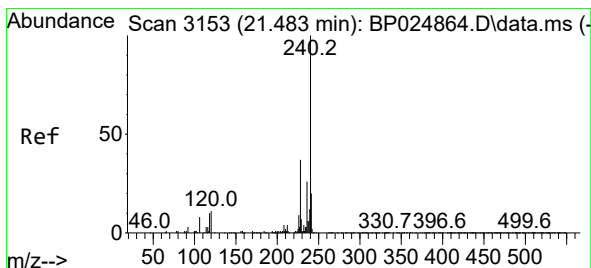
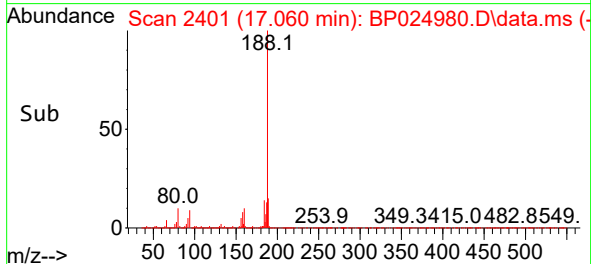
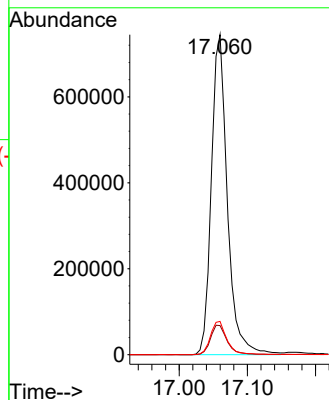
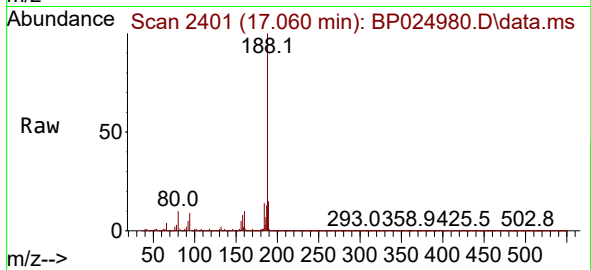
Tgt Ion:188 Resp: 1216069

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

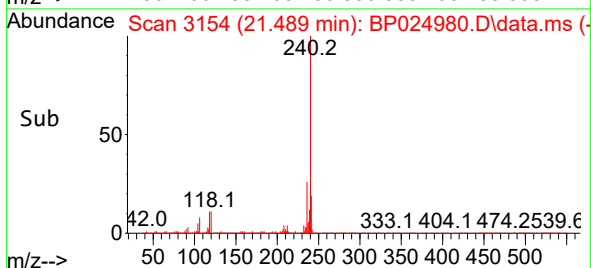
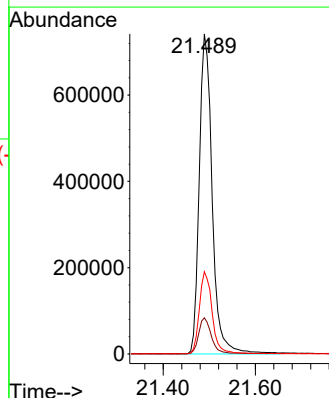
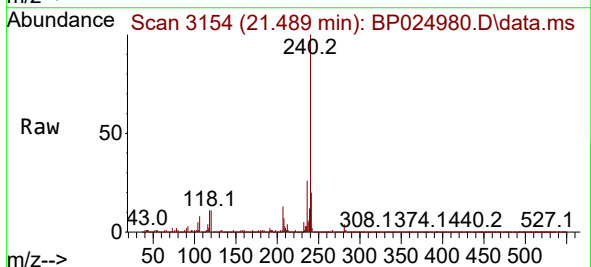
Tgt Ion:240 Resp: 1448141

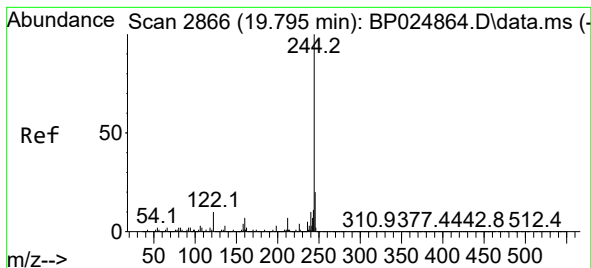
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 78.627 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Instrument :

BNA\_P

ClientSampleId :

TP04-MH2MH3-WC

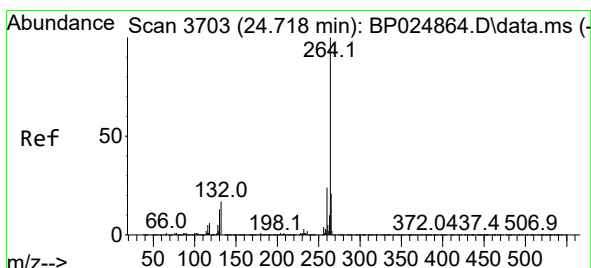
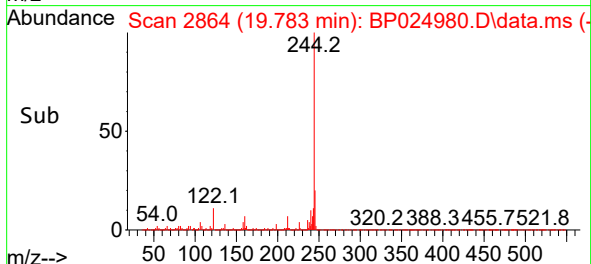
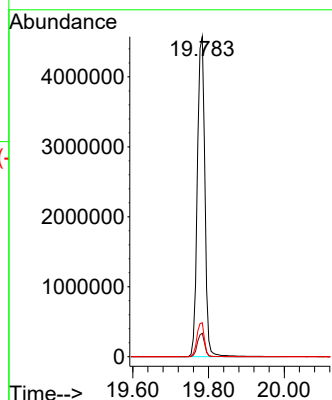
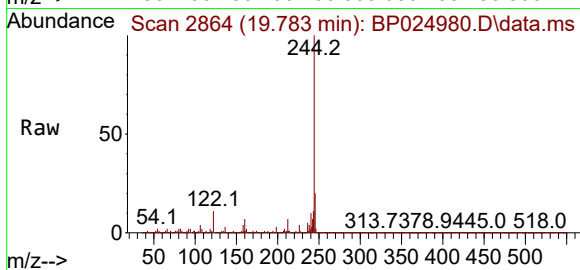
Tgt Ion:244 Resp: 6353110

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Tgt Ion:264 Resp: 1738289

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.4 17.4 26.0

