

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061225\  
 Data File : BP024930.D  
 Acq On : 12 Jun 2025 15:11  
 Operator : RC/JU  
 Sample : Q2271-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP12-MHK-WC

Quant Time: Jun 12 15:33:29 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

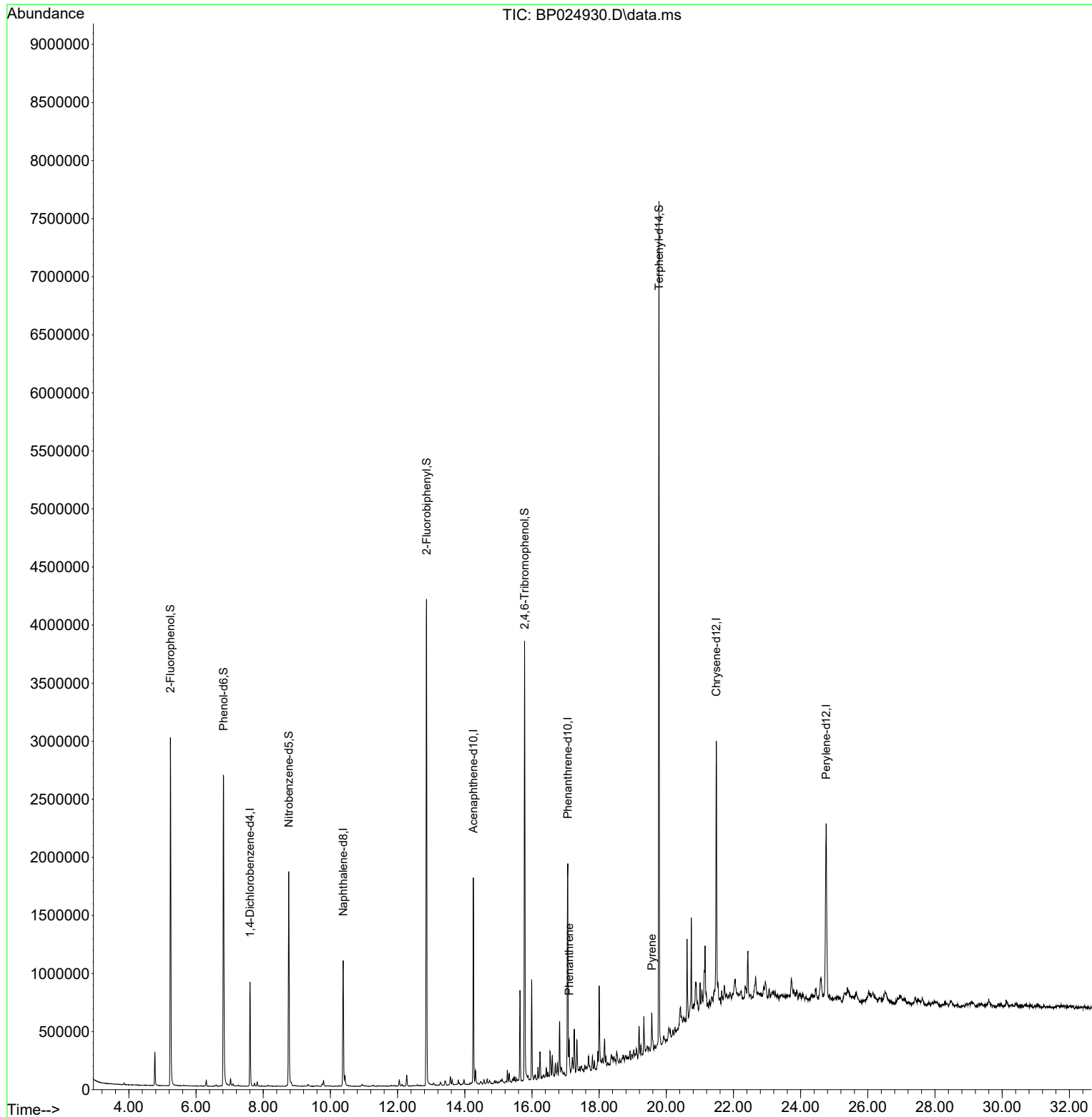
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.607  | 152  | 245358   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.378 | 136  | 947195   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.254 | 164  | 587336   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.066 | 188  | 1137992  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.489 | 240  | 1292808  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.759 | 264  | 1571882  | 20.000  | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.237  | 112  | 1397507  | 95.074  | ng    | 0.00     |
| 7) Phenol-d6                | 6.813  | 99   | 1764265  | 90.715  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.760  | 82   | 1086249  | 55.727  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.783 | 330  | 813403   | 100.170 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.860 | 172  | 2214975  | 50.803  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.783 | 244  | 3494484  | 48.445  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.107 | 178  | 183392   | 2.916   | ng    | 98       |
| 78) Pyrene                  | 19.572 | 202  | 185997   | 2.303   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

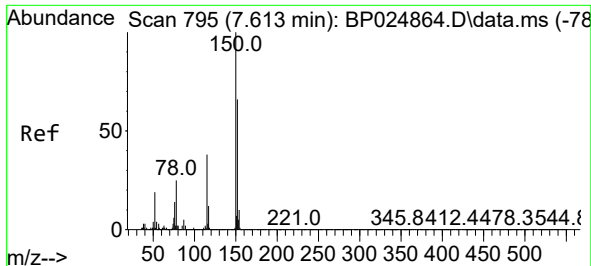
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061225\  
Data File : BP024930.D  
Acq On : 12 Jun 2025 15:11  
Operator : RC/JU  
Sample : Q2271-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP12-MHK-WC

Quant Time: Jun 12 15:33:29 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

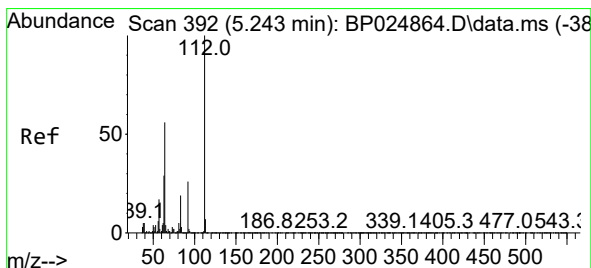
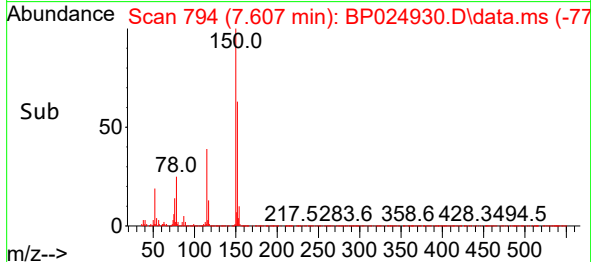
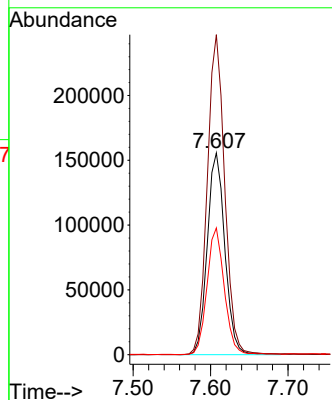
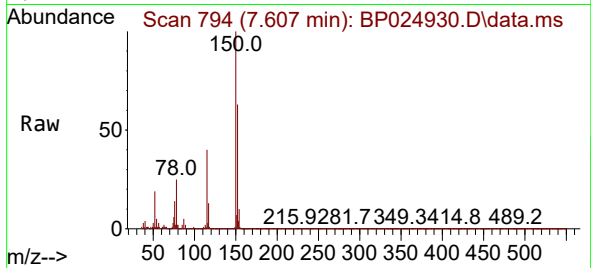




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.607 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

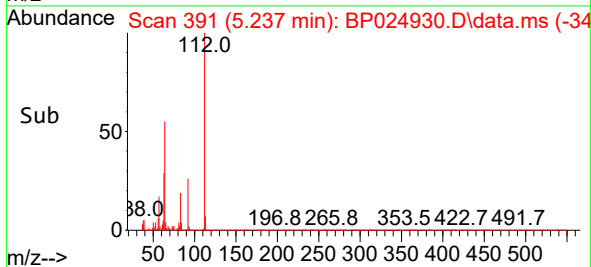
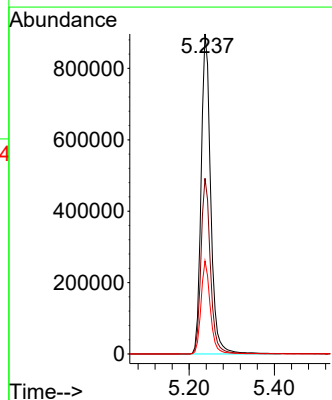
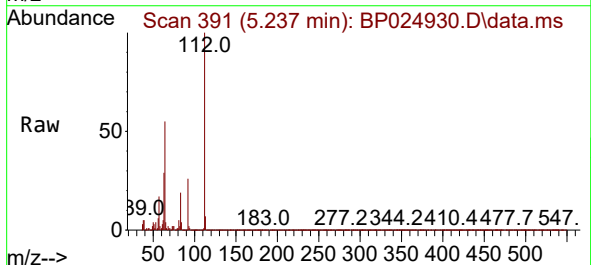
Instrument :  
BNA\_P  
ClientSampleId :  
TP12-MHK-WC

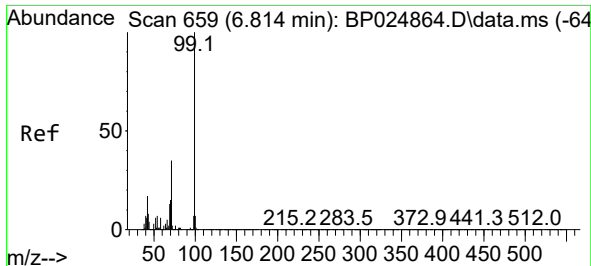
Tgt Ion:152 Resp: 245358  
Ion Ratio Lower Upper  
152 100  
150 158.6 122.1 183.1  
115 62.8 46.4 69.6



#5  
2-Fluorophenol  
Concen: 95.074 ng  
RT: 5.237 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

Tgt Ion:112 Resp: 1397507  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.7 67.1  
63 29.0 23.5 35.3

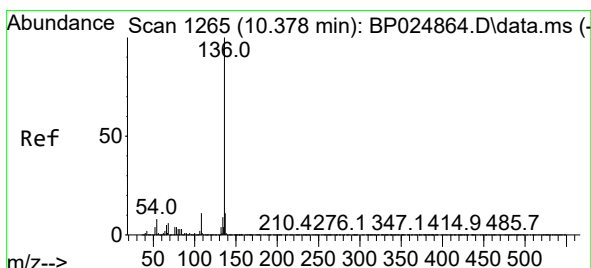
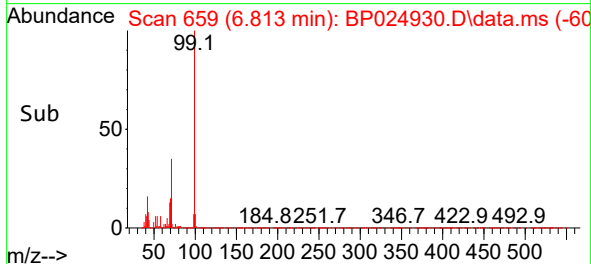
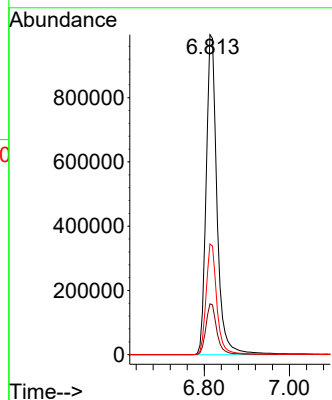
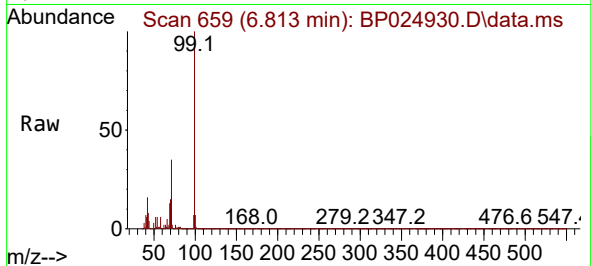




#7  
Phenol-d6  
Concen: 90.715 ng  
RT: 6.813 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

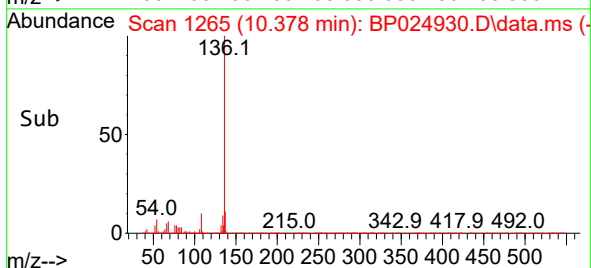
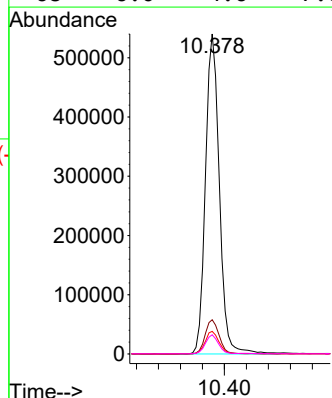
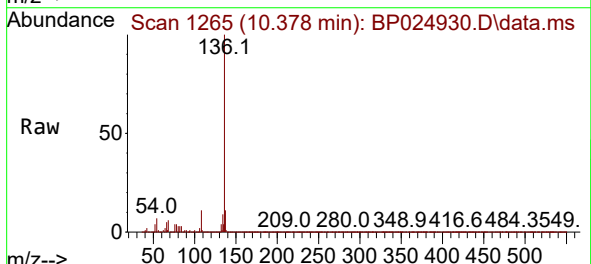
Instrument :  
BNA\_P  
ClientSampleId :  
TP12-MHK-WC

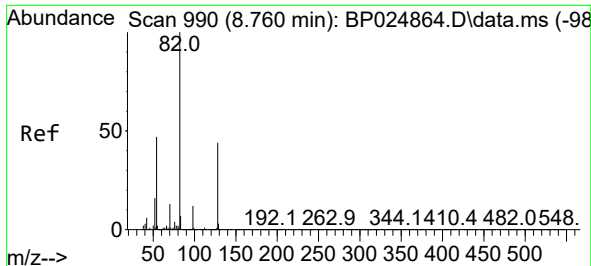
Tgt Ion: 99 Resp: 1764265  
Ion Ratio Lower Upper  
99 100  
42 15.9 13.4 20.2  
71 34.6 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

Tgt Ion:136 Resp: 947195  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.0 6.1 9.1  
68 6.0 4.6 7.0

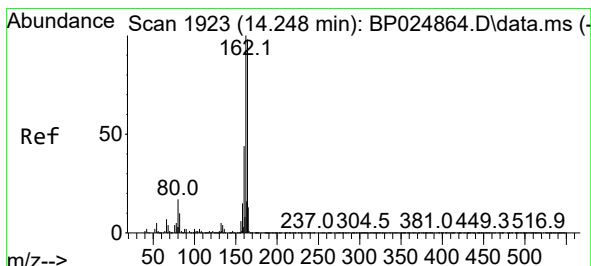
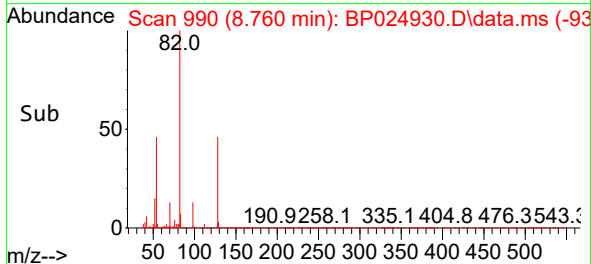
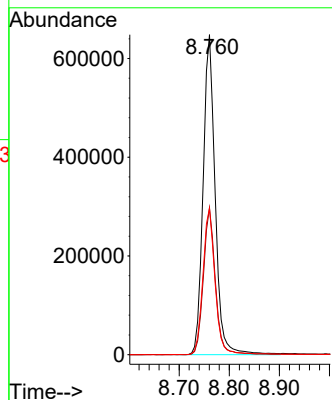
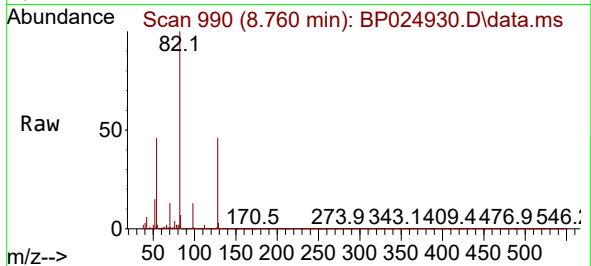




#23  
Nitrobenzene-d5  
Concen: 55.727 ng  
RT: 8.760 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

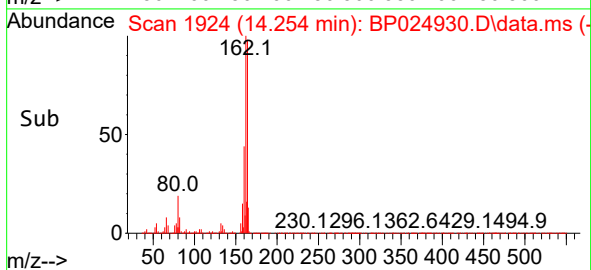
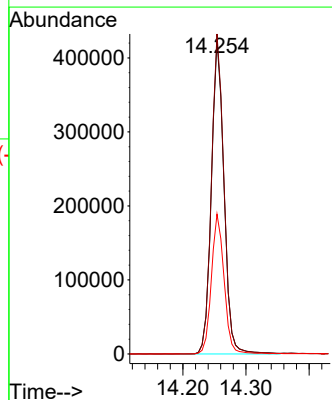
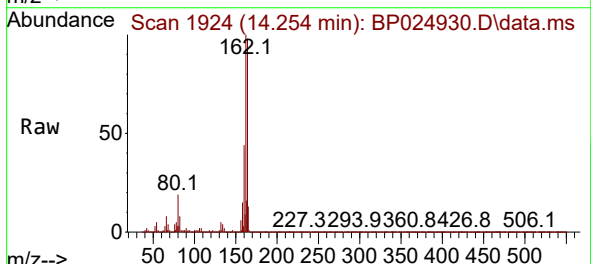
Instrument :  
BNA\_P  
ClientSampleId :  
TP12-MHK-WC

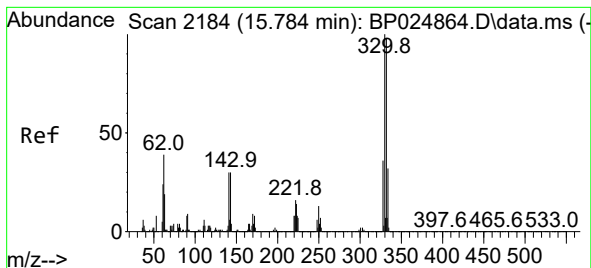
Tgt Ion: 82 Resp: 1086249  
Ion Ratio Lower Upper  
82 100  
128 45.9 35.3 52.9  
54 45.8 37.4 56.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.254 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

Tgt Ion:164 Resp: 587336  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.6 122.4  
160 44.6 36.2 54.2

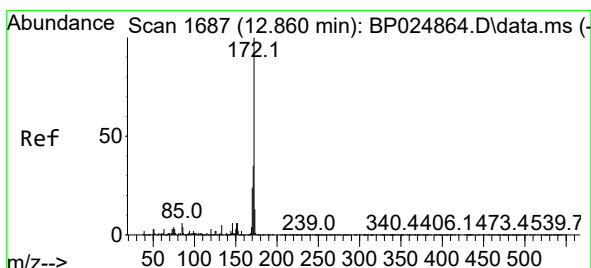
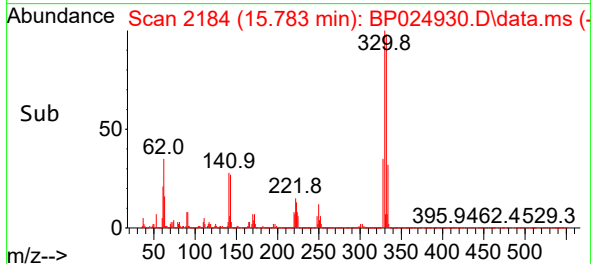
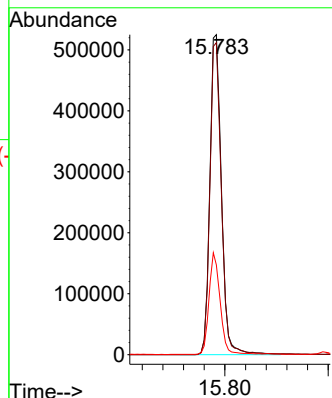
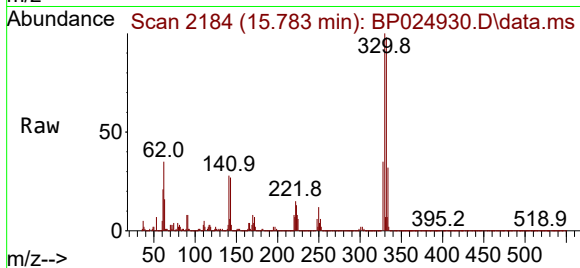




#42  
2,4,6-Tribromophenol  
Concen: 100.170 ng  
RT: 15.783 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

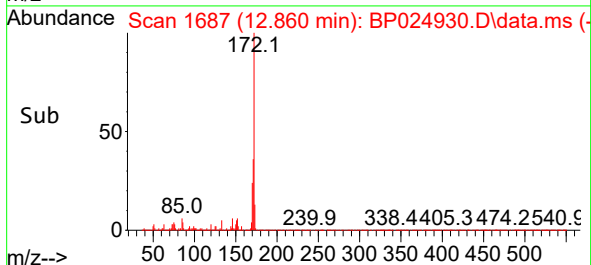
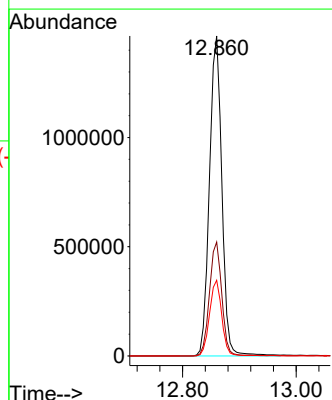
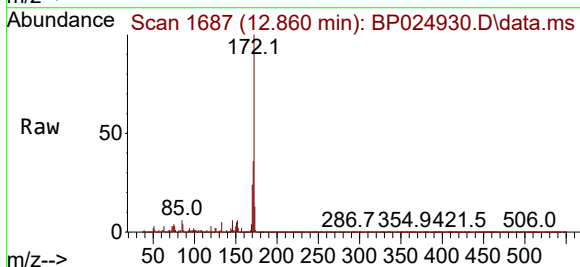
Instrument :  
BNA\_P  
ClientSampleId :  
TP12-MHK-WC

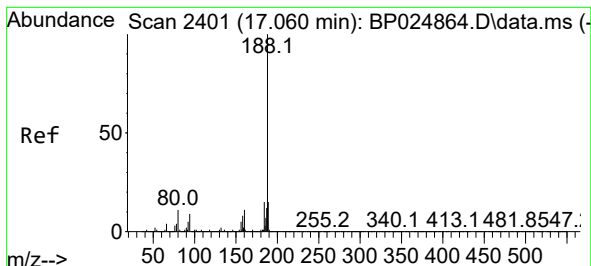
Tgt Ion:330 Resp: 813403  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.7 116.5  
141 30.5 26.4 39.6



#45  
2-Fluorobiphenyl  
Concen: 50.803 ng  
RT: 12.860 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: BP024930.D  
Acq: 12 Jun 2025 15:11

Tgt Ion:172 Resp: 2214975  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.3 42.5  
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.066 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

Instrument :

BNA\_P

ClientSampleId :

TP12-MHK-WC

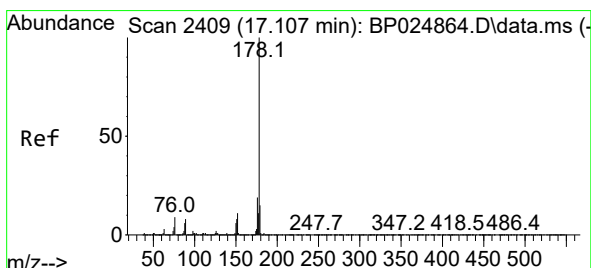
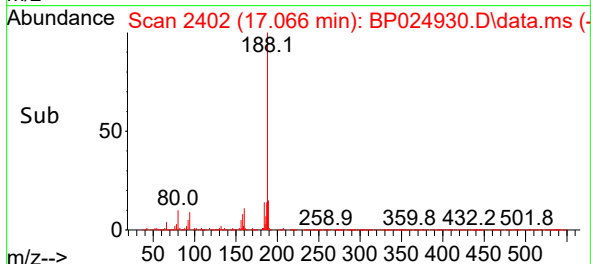
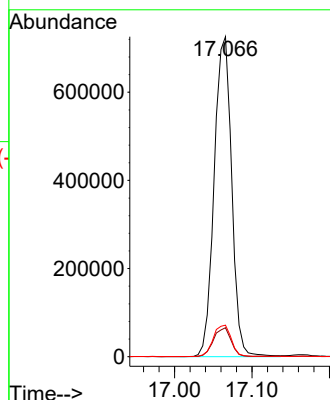
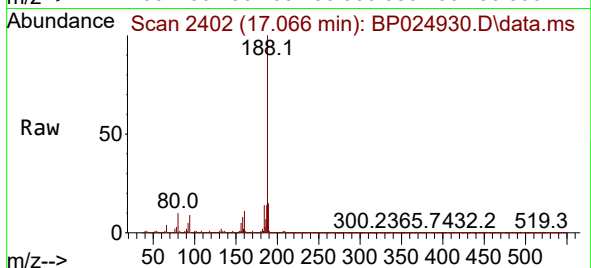
Tgt Ion:188 Resp: 1137992

Ion Ratio Lower Upper

188 100

94 9.0 7.3 10.9

80 9.9 8.5 12.7



#71

Phenanthrene

Concen: 2.916 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

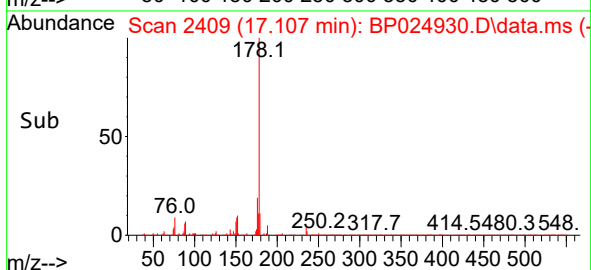
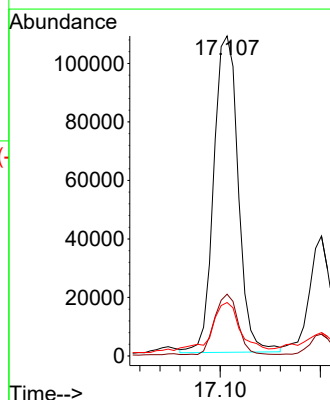
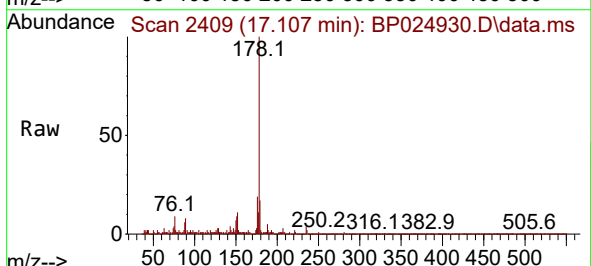
Tgt Ion:178 Resp: 183392

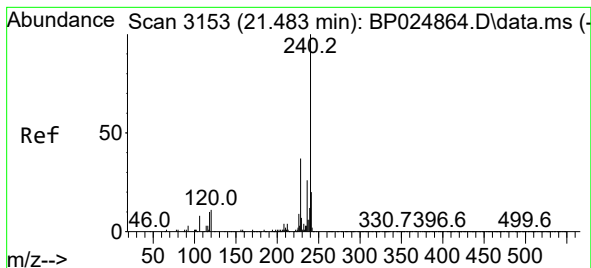
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.7 12.1 18.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

Instrument :

BNA\_P

ClientSampleId :

TP12-MHK-WC

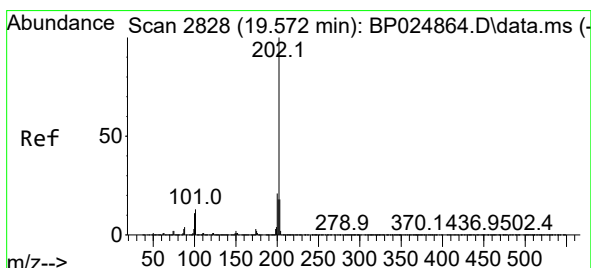
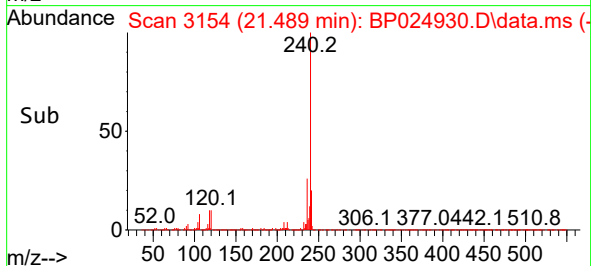
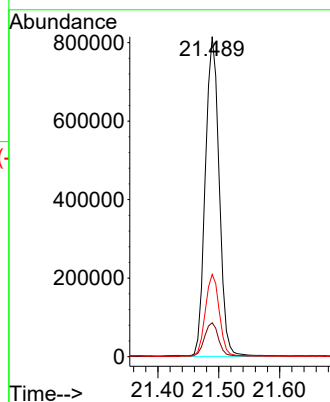
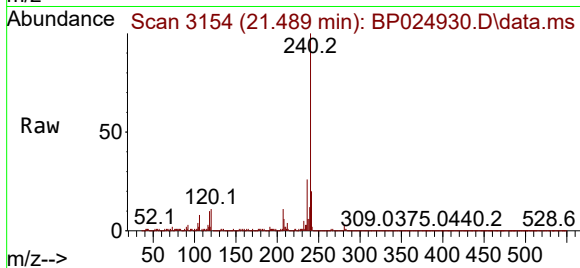
Tgt Ion:240 Resp: 1292808

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.7 20.9 31.3



#78

Pyrene

Concen: 2.303 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

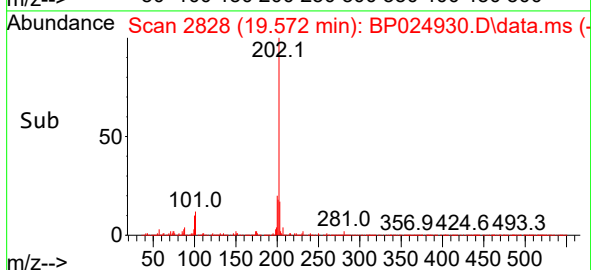
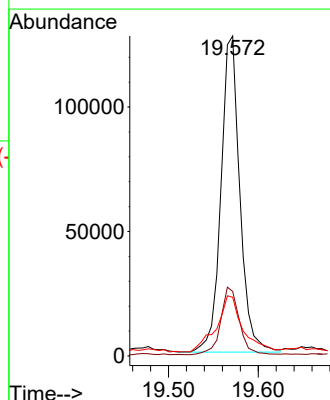
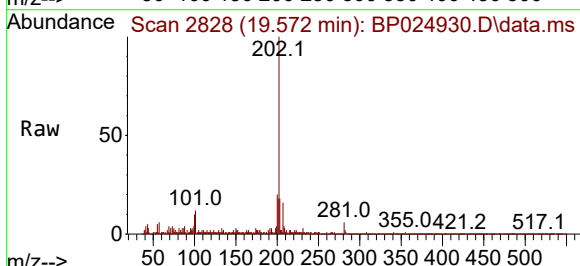
Tgt Ion:202 Resp: 185997

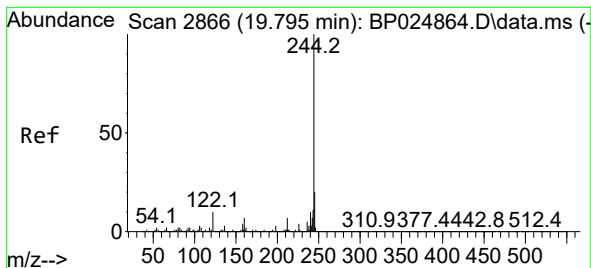
Ion Ratio Lower Upper

202 100

200 20.2 17.1 25.7

203 18.4 14.0 21.0





#79

Terphenyl-d14

Concen: 48.445 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

Instrument :

BNA\_P

ClientSampleId :

TP12-MHK-WC

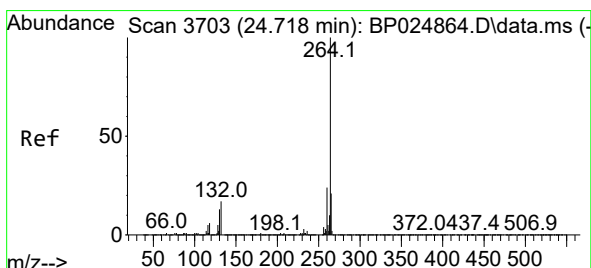
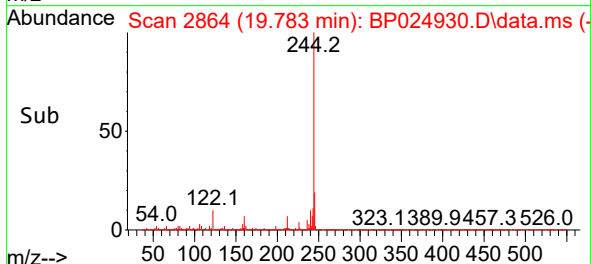
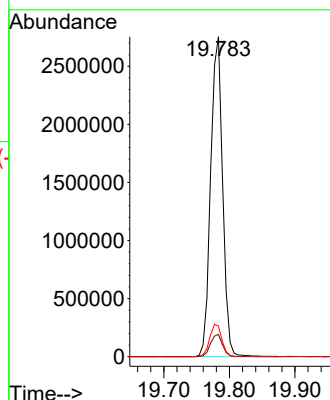
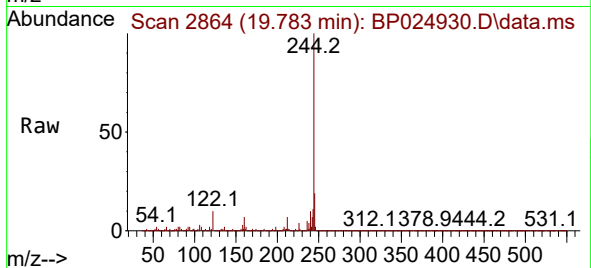
Tgt Ion:244 Resp: 3494484

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024930.D

Acq: 12 Jun 2025 15:11

Tgt Ion:264 Resp: 1571882

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.9 17.4 26.0

