

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050725\  
 Data File : BP024563.D  
 Acq On : 07 May 2025 14:41  
 Operator : RC/JU  
 Sample : Q1947-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-P

Quant Time: May 07 15:43:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

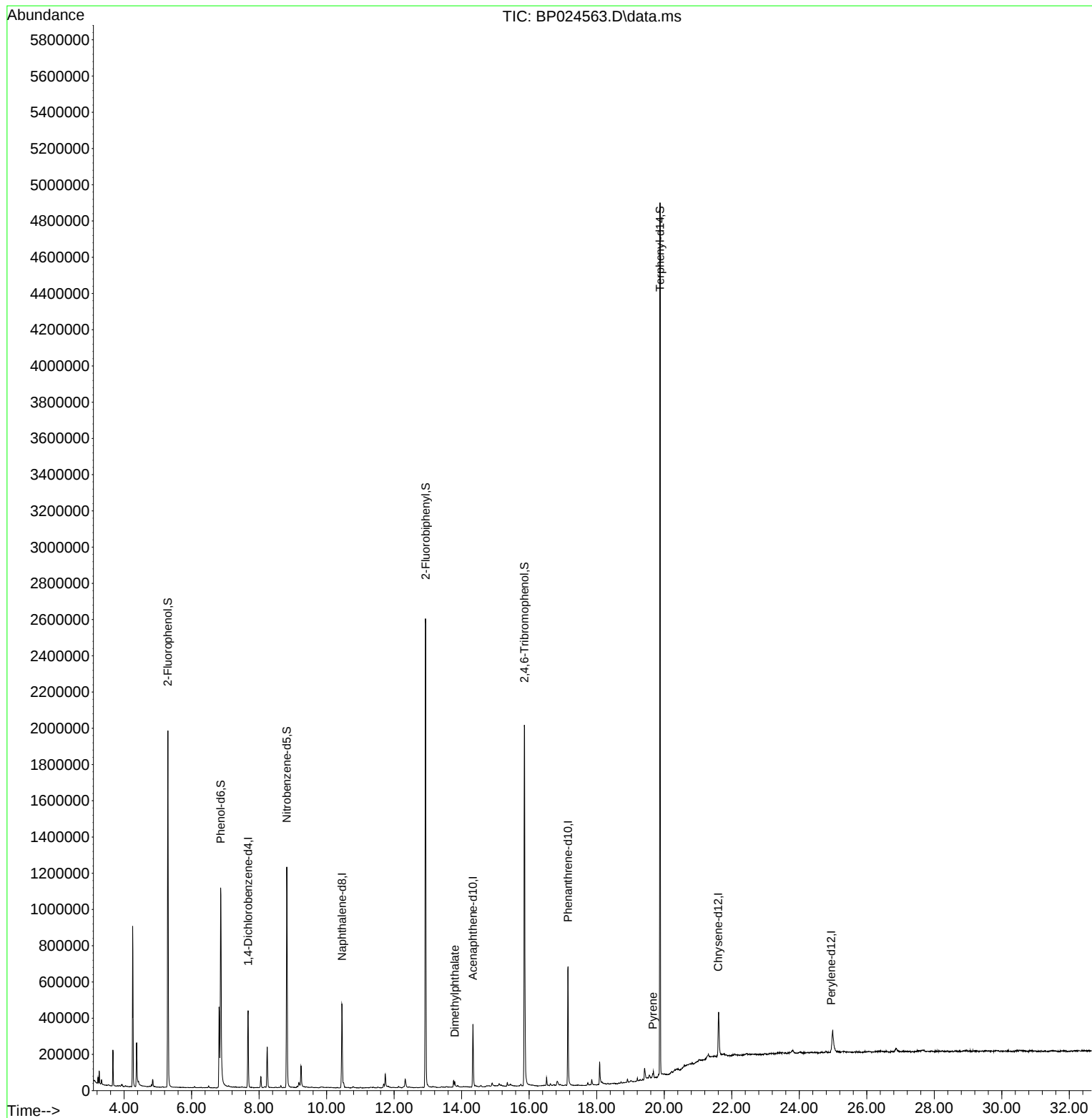
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.675  | 152  | 116263   | 20.000  | ng    | -0.05    |
| 21) Naphthalene-d8          | 10.457 | 136  | 413670   | 20.000  | ng    | #-0.04   |
| 39) Acenaphthene-d10        | 14.334 | 164  | 114583   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.151 | 188  | 357126   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.604 | 240  | 93816    | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12            | 24.945 | 264  | 2581     | 20.000  | ng    | # 0.01   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 878269   | 124.905 | ng    | -0.05    |
| 7) Phenol-d6                | 6.863  | 99   | 662147   | 68.772  | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 8.822  | 82   | 698634   | 96.301  | ng    | -0.05    |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 481319   | 303.611 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.934 | 172  | 1399838  | 187.053 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.875 | 244  | 1689854  | 363.065 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 50) Dimethylphthalate       | 13.798 | 163  | 18939    | 2.273   | ng    | 97       |
| 78) Pyrene                  | 19.663 | 202  | 17444    | 2.926   | ng    | 98       |

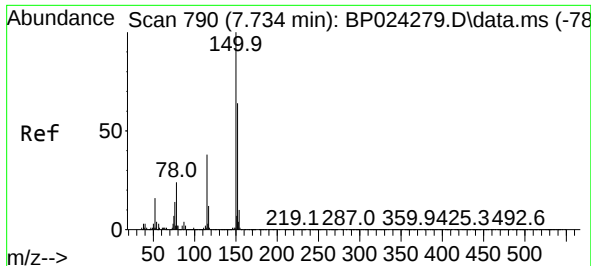
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050725\  
Data File : BP024563.D  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
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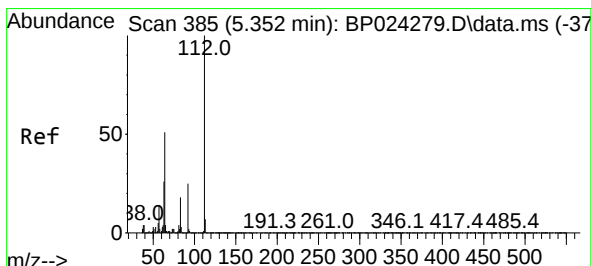
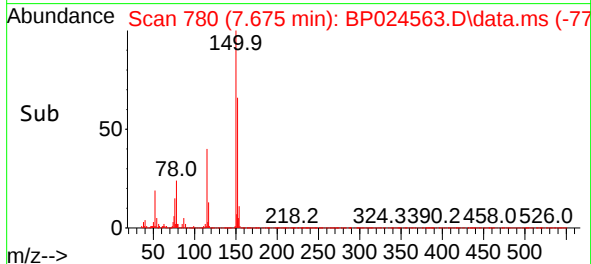
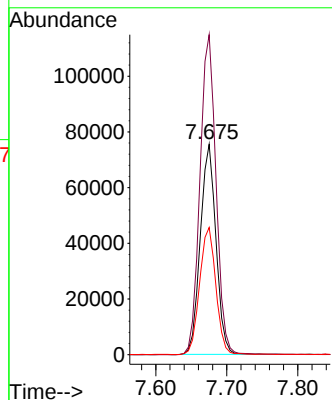
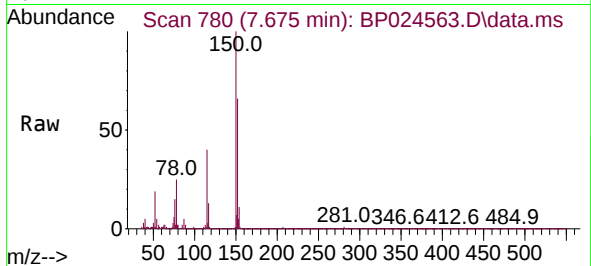




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.675 min Scan# 71  
Delta R.T. -0.047 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

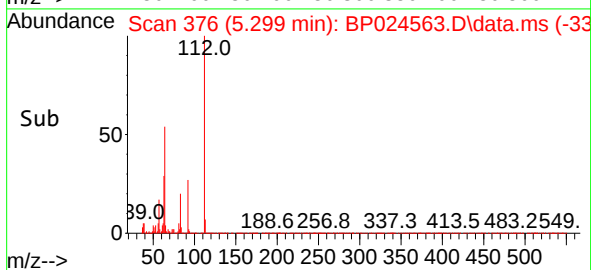
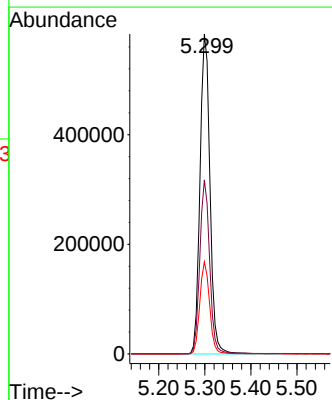
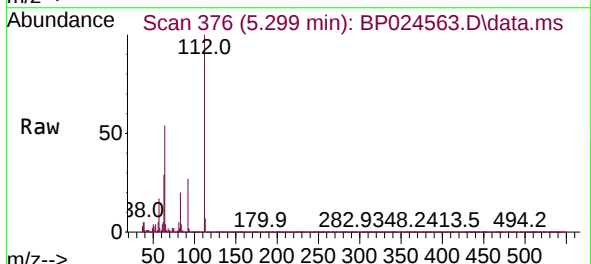
Instrument :  
BNA\_P  
ClientSampleId :  
MH-P

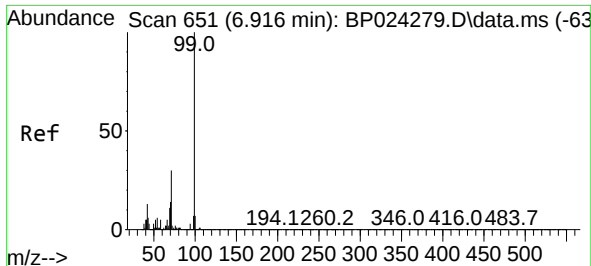
Tgt Ion:152 Resp: 116263  
Ion Ratio Lower Upper  
152 100  
150 152.1 124.9 187.3  
115 60.4 47.7 71.5



#5  
2-Fluorophenol  
Concen: 124.905 ng  
RT: 5.299 min Scan# 376  
Delta R.T. -0.047 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

Tgt Ion:112 Resp: 878269  
Ion Ratio Lower Upper  
112 100  
64 54.4 41.1 61.7  
63 28.8 20.6 30.8

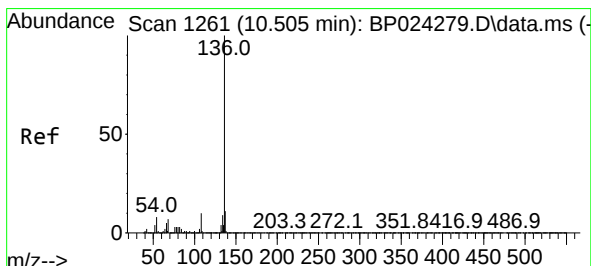
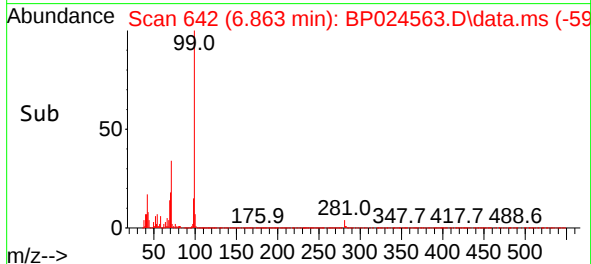
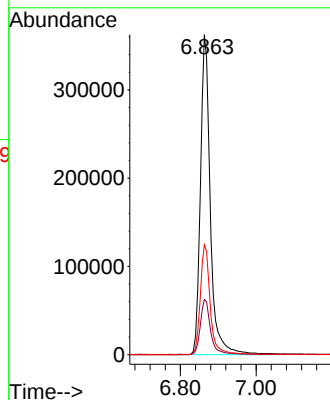
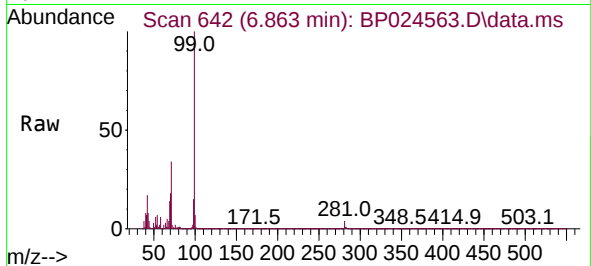




#7  
Phenol-d6  
Concen: 68.772 ng  
RT: 6.863 min Scan# 64  
Delta R.T. -0.047 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

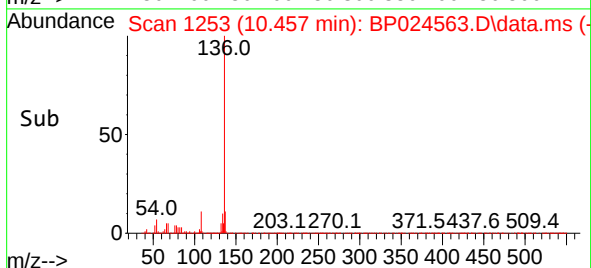
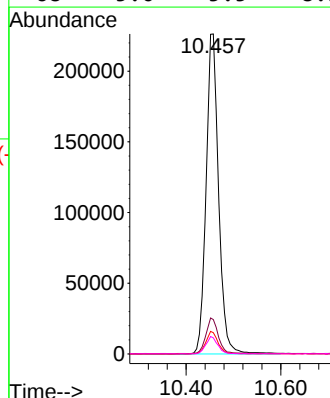
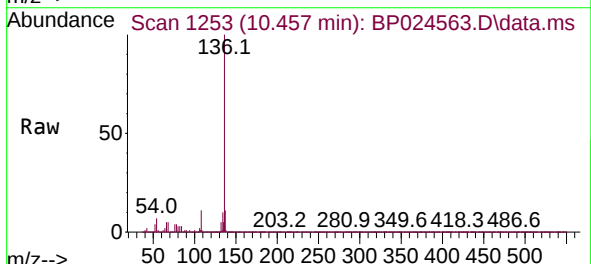
Instrument :  
BNA\_P  
ClientSampleId :  
MH-P

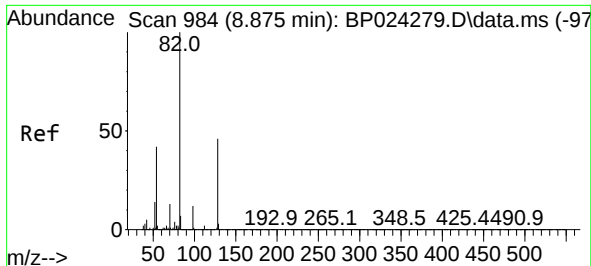
Tgt Ion: 99 Resp: 662147  
Ion Ratio Lower Upper  
99 100  
42 17.2 10.6 16.0#  
71 34.3 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.457 min Scan# 1253  
Delta R.T. -0.041 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

Tgt Ion:136 Resp: 413670  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 6.6 6.0 9.0  
68 5.0 5.5 8.3#

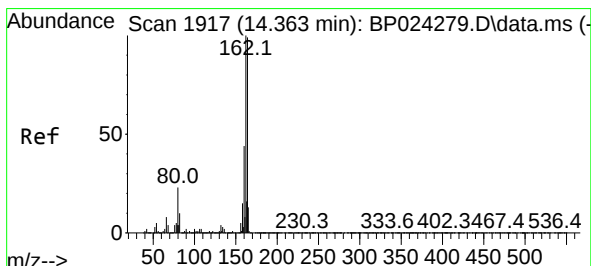
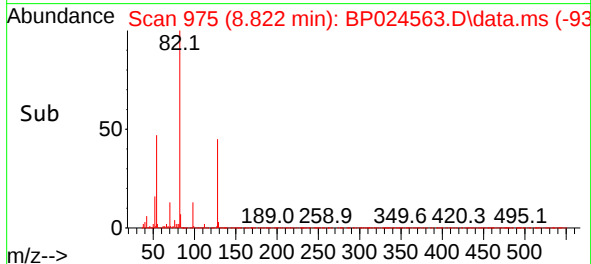
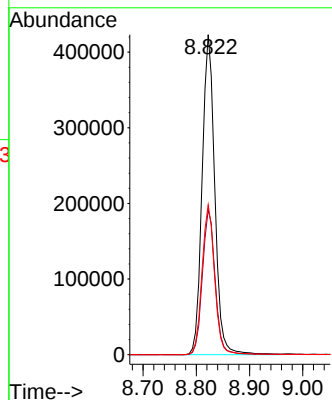
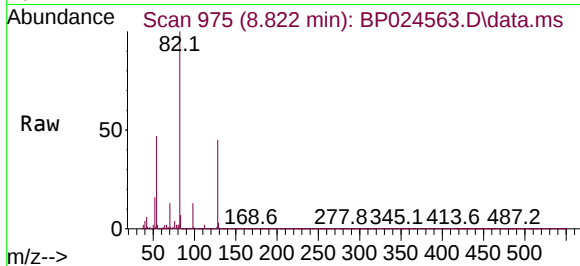




#23  
Nitrobenzene-d5  
Concen: 96.301 ng  
RT: 8.822 min Scan# 91  
Delta R.T. -0.047 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

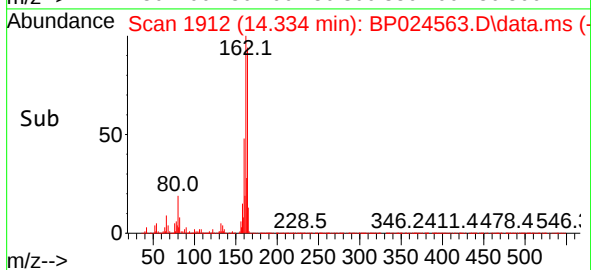
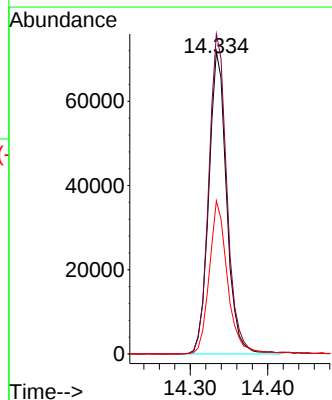
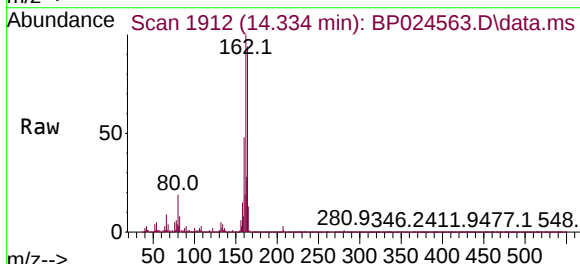
Instrument :  
BNA\_P  
ClientSampleId :  
MH-P

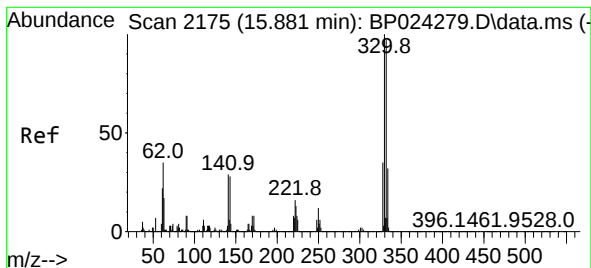
Tgt Ion: 82 Resp: 698634  
Ion Ratio Lower Upper  
82 100  
128 45.3 36.5 54.7  
54 46.8 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.018 min  
Lab File: BP024563.D  
Acq: 07 May 2025 14:41

Tgt Ion: 164 Resp: 114583  
Ion Ratio Lower Upper  
164 100  
162 105.9 80.6 120.8  
160 50.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 303.611 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

MH-P

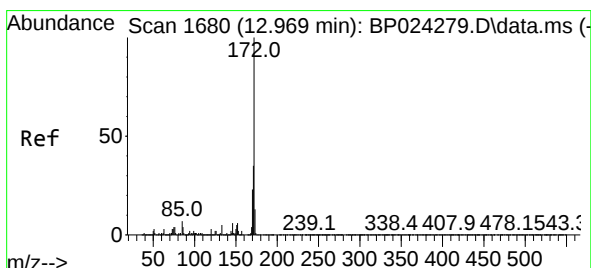
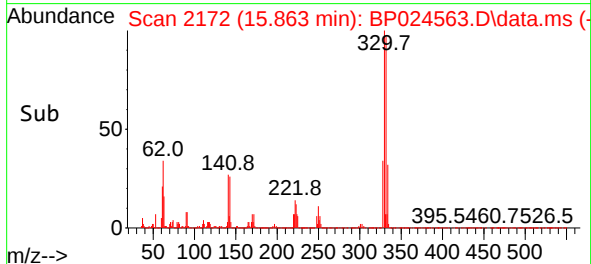
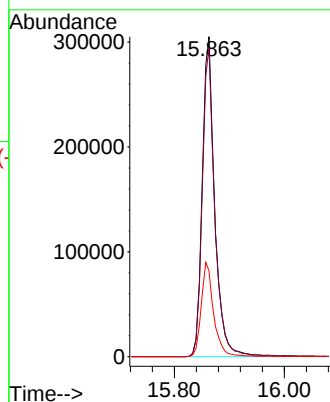
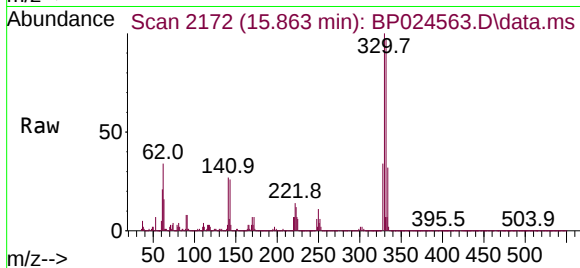
Tgt Ion:330 Resp: 481319

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 29.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 187.053 ng

RT: 12.934 min Scan# 1674

Delta R.T. -0.029 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

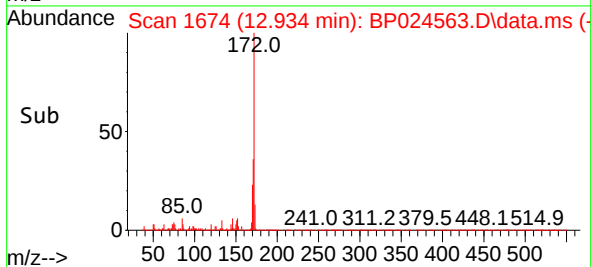
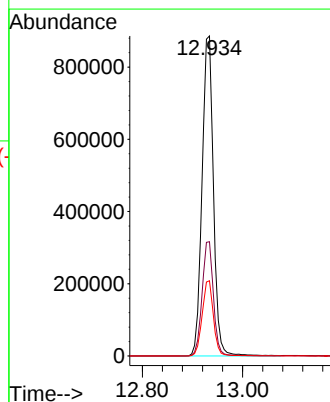
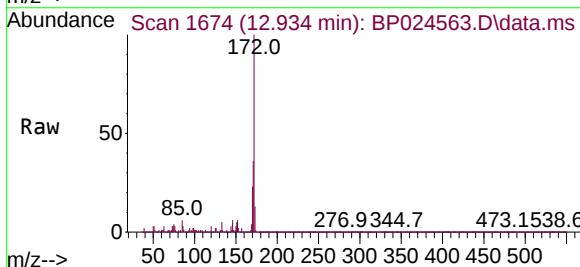
Tgt Ion:172 Resp: 1399838

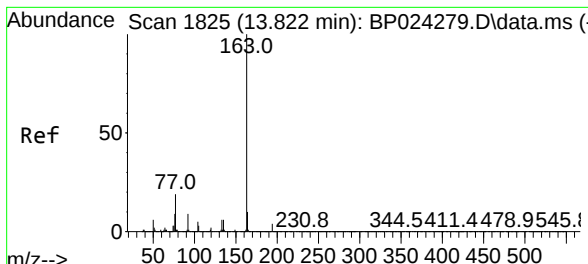
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.6 27.8

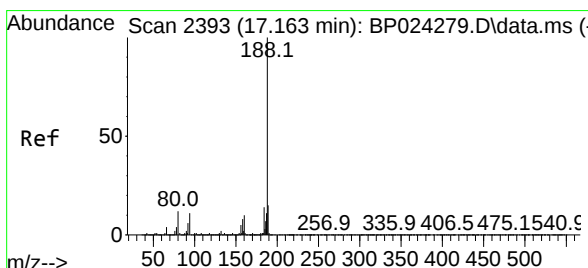
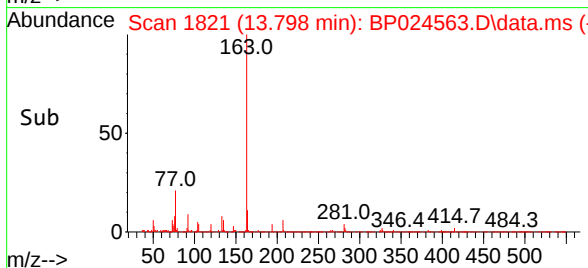
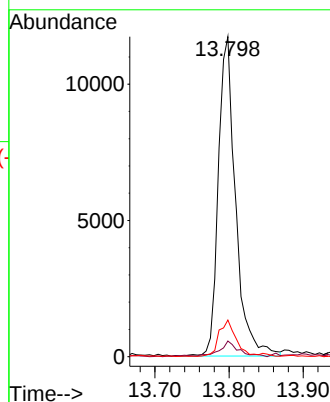
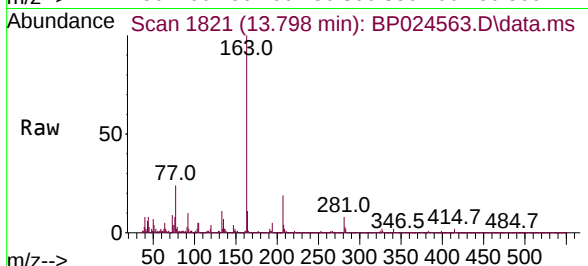




#50  
 Dimethylphthalate  
 Concen: 2.273 ng  
 RT: 13.798 min Scan# 1821  
 Delta R.T. -0.012 min  
 Lab File: BP024563.D  
 Acq: 07 May 2025 14:41

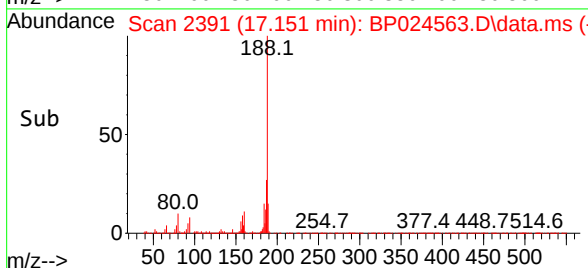
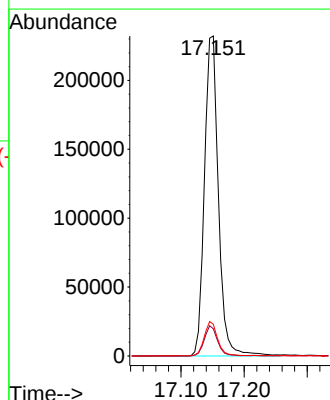
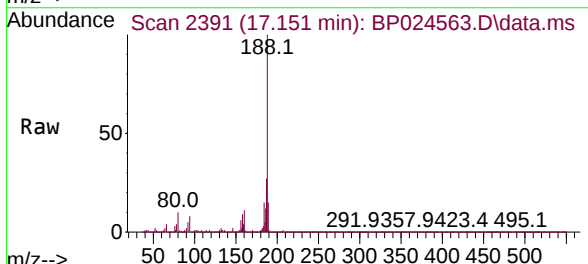
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-P

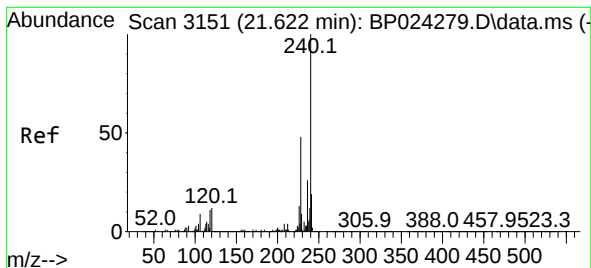
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 18939 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.9   | 3.5   | 5.3   |
| 164       | 11.5  | 8.0   | 12.0  |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.151 min Scan# 2391  
 Delta R.T. 0.006 min  
 Lab File: BP024563.D  
 Acq: 07 May 2025 14:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 357126 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.5   | 8.6   | 13.0#  |
| 80        | 9.9   | 9.8   | 14.6   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

MH-P

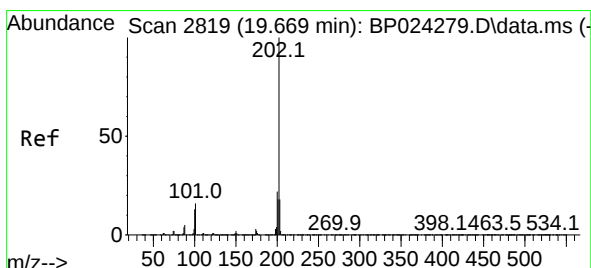
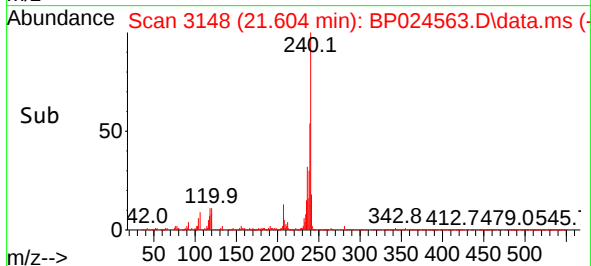
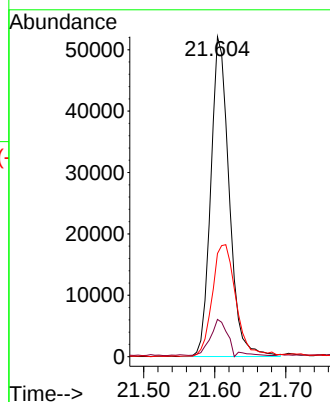
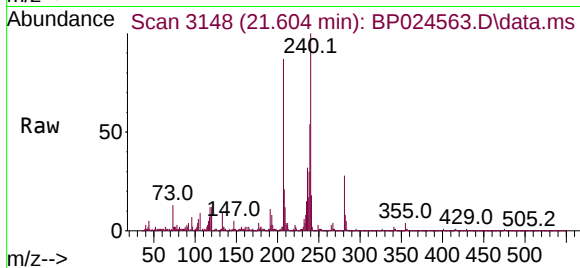
Tgt Ion:240 Resp: 93816

Ion Ratio Lower Upper

240 100

120 11.6 9.8 14.8

236 32.2 20.9 31.3#



#78

Pyrene

Concen: 2.926 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

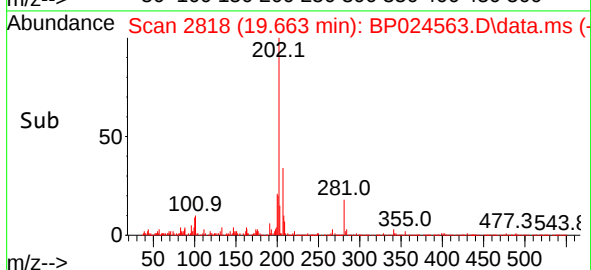
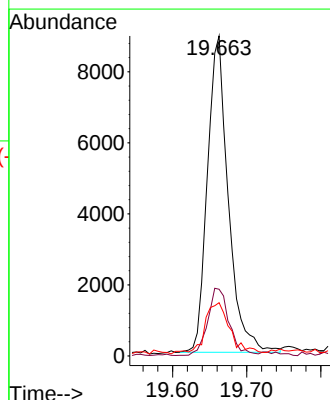
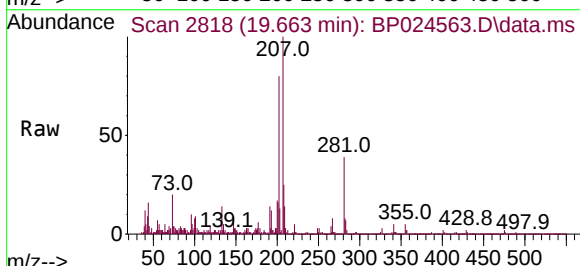
Tgt Ion:202 Resp: 17444

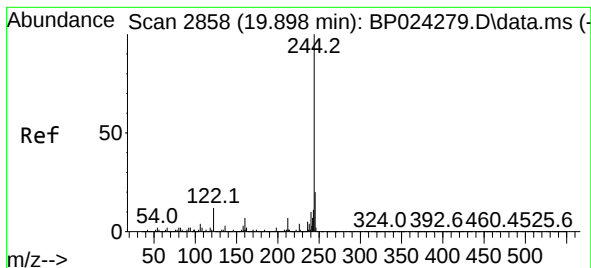
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 16.6 14.4 21.6





#79

Terphenyl-d14

Concen: 363.065 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

Instrument :

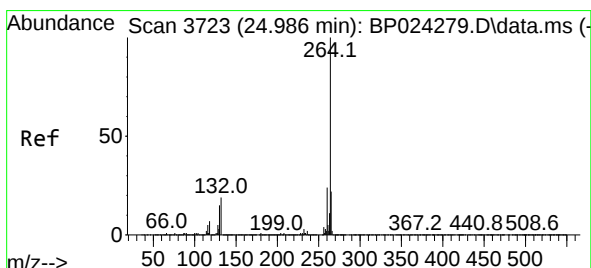
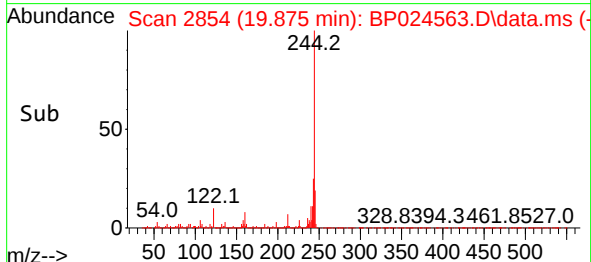
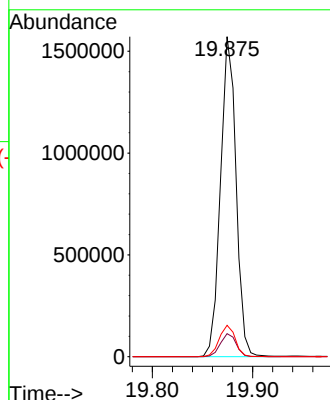
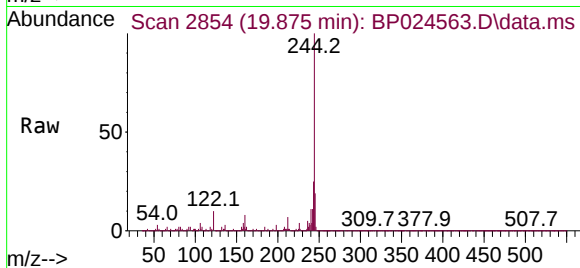
BNA\_P

ClientSampleId :

MH-P

Tgt Ion:244 Resp: 1689854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.6   | 8.4   |
| 122 | 9.8   | 9.4   | 14.0  |



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024563.D

Acq: 07 May 2025 14:41

Tgt Ion:264 Resp: 2581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 229.0 | 18.9  | 28.3# |
| 265 | 214.3 | 17.8  | 26.6# |

