

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050925\  
 Data File : BP024594.D  
 Acq On : 09 May 2025 17:08  
 Operator : RC/JU  
 Sample : Q1986-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-10

Quant Time: May 09 17:42:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 09 12:07:46 2025  
 Response via : Initial Calibration

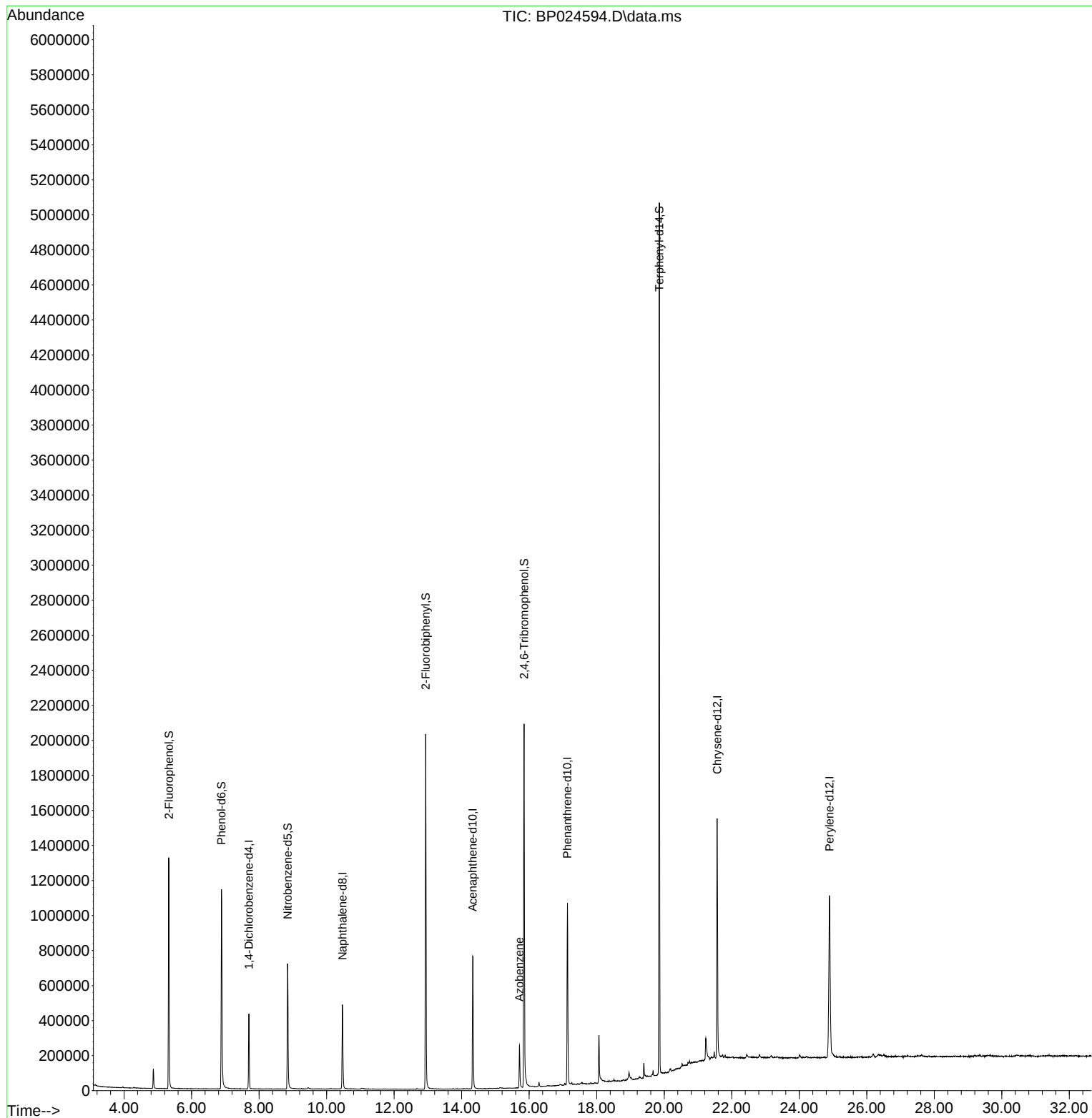
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.698  | 152  | 110593   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.469 | 136  | 437421   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.328 | 164  | 301552   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.133 | 188  | 683409   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.568 | 240  | 885510   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.892 | 264  | 1054519  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 573419   | 85.731  | ng    | 0.00     |
| 7) Phenol-d6                | 6.887  | 99   | 725945   | 79.264  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.845  | 82   | 436700   | 56.927  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.851 | 330  | 510140   | 122.273 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.933 | 172  | 1067839  | 54.219  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.857 | 244  | 2583600  | 58.809  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 63) Azobenzene              | 15.710 | 77   | 77246    | 3.719   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

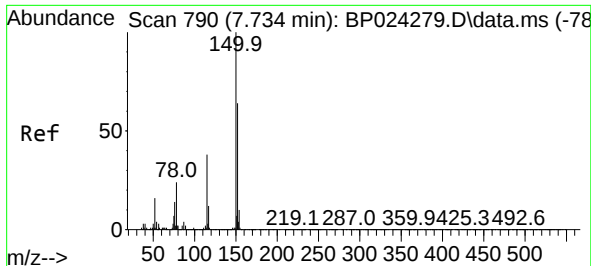
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
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QLast Update : Fri May 09 12:07:46 2025  
Response via : Initial Calibration

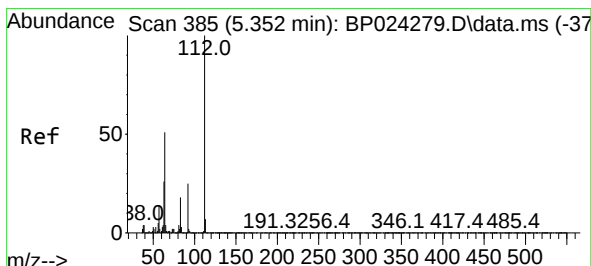
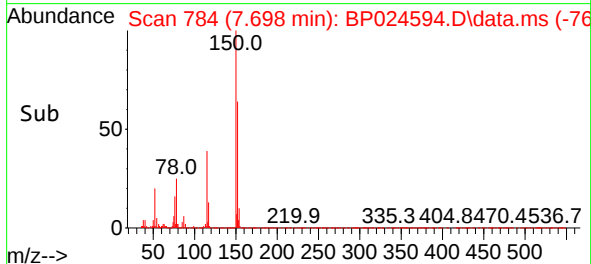
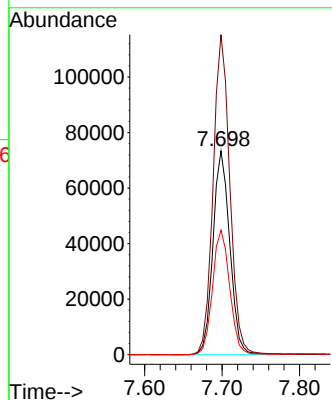
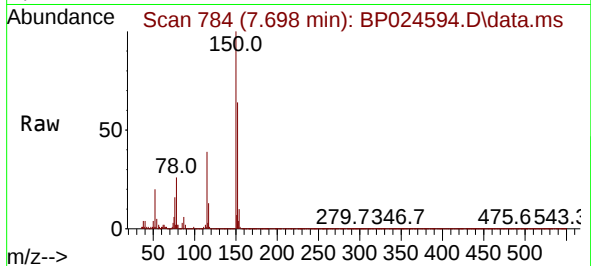




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.698 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

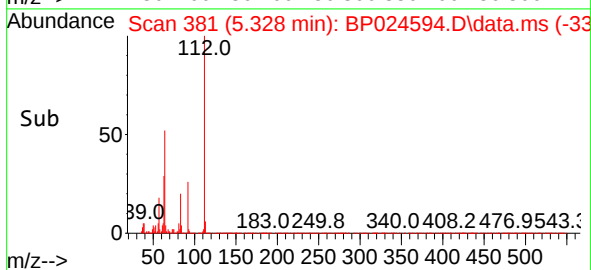
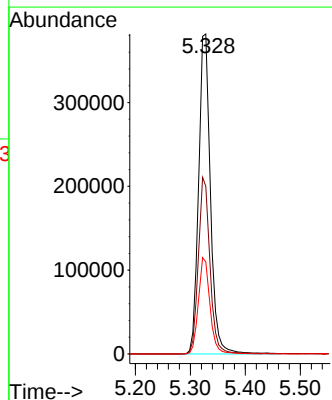
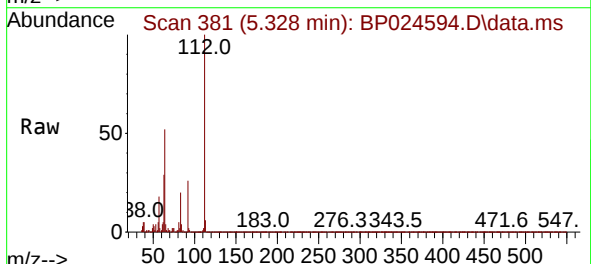
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-10

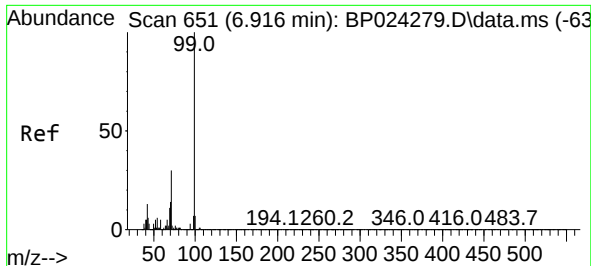
Tgt Ion:152 Resp: 110593  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.9 187.3  
115 61.1 47.7 71.5



#5  
2-Fluorophenol  
Concen: 85.731 ng  
RT: 5.328 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Tgt Ion:112 Resp: 573419  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.1 61.7  
63 28.8 20.6 30.8

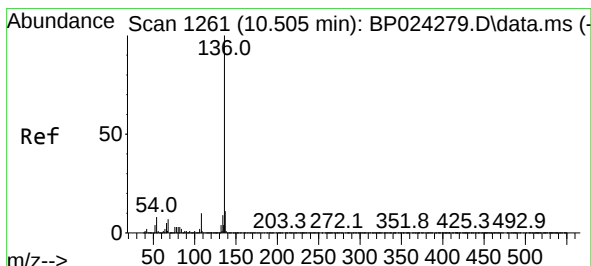
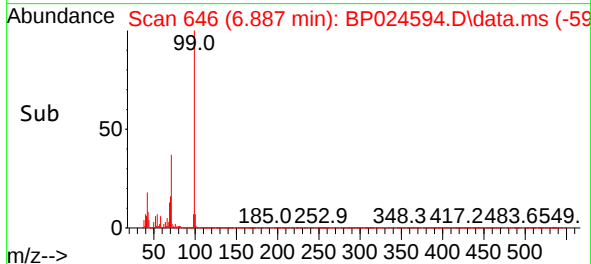
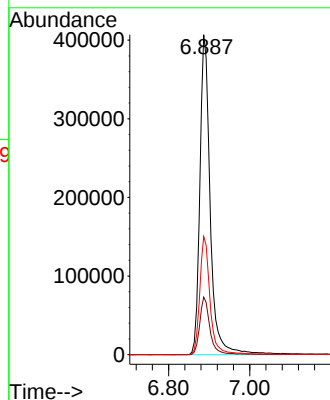
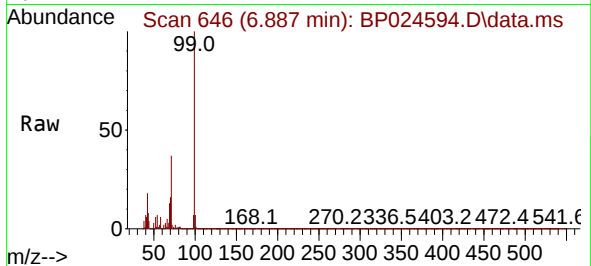




#7  
Phenol-d6  
Concen: 79.264 ng  
RT: 6.887 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

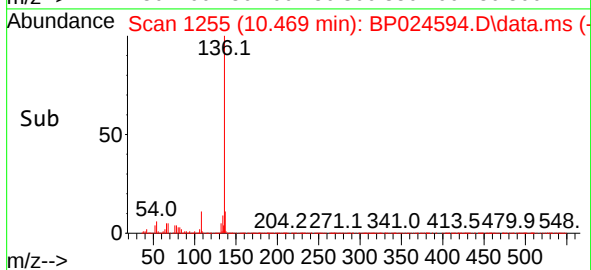
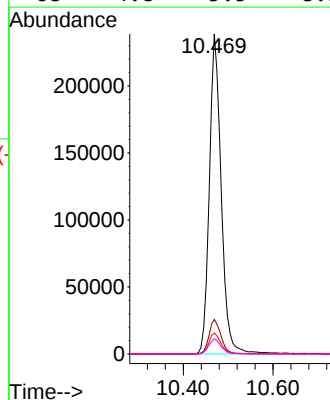
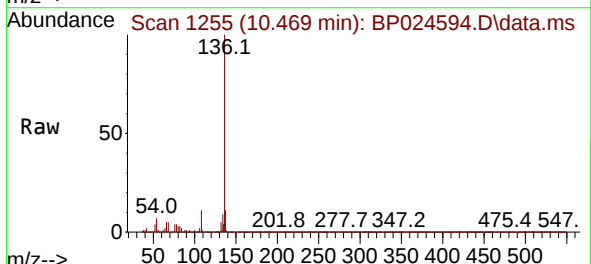
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-10

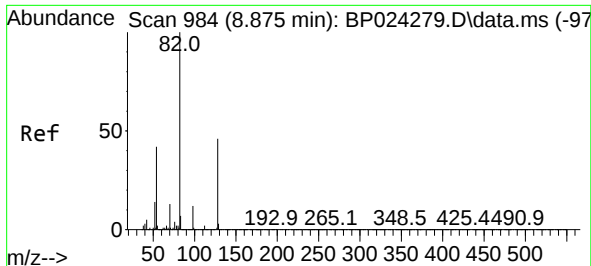
Tgt Ion: 99 Resp: 725945  
Ion Ratio Lower Upper  
99 100  
42 18.0 10.6 16.0#  
71 36.9 23.7 35.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.469 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

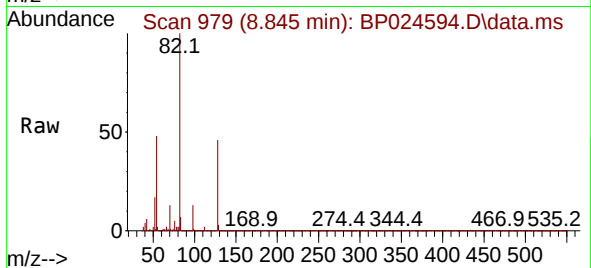
Tgt Ion:136 Resp: 437421  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 6.5 6.0 9.0  
68 4.8 5.5 8.3#



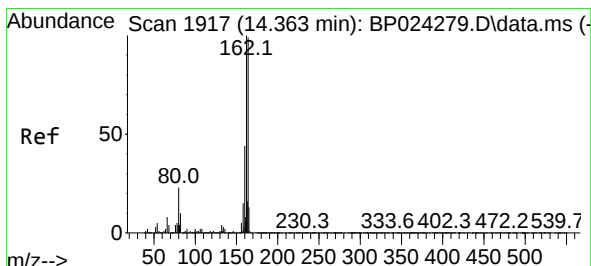
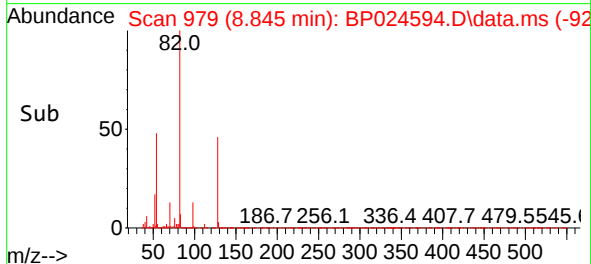
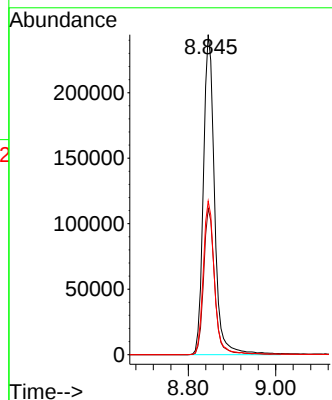


#23  
Nitrobenzene-d5  
Concen: 56.927 ng  
RT: 8.845 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Instrument :  
BNA\_P  
ClientSampleId :  
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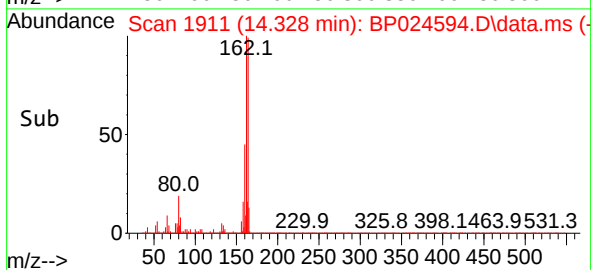
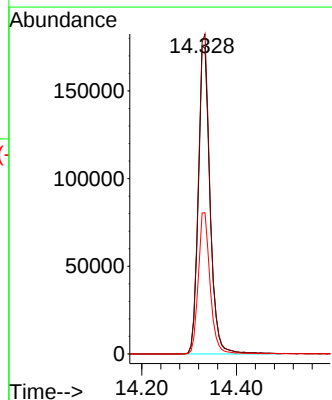
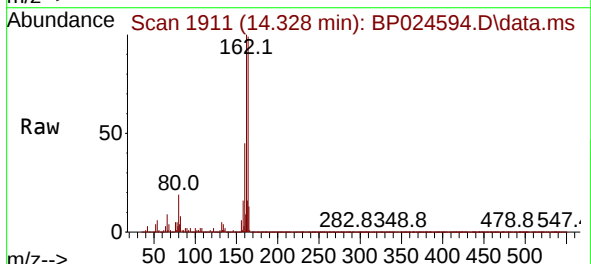


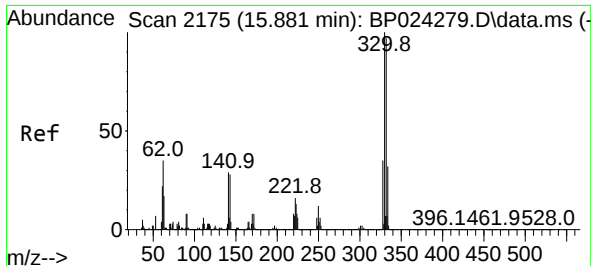
Tgt Ion: 82 Resp: 436700  
Ion Ratio Lower Upper  
82 100  
128 45.7 36.5 54.7  
54 48.0 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.328 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Tgt Ion: 164 Resp: 301552  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.6 120.8  
160 45.8 35.3 52.9

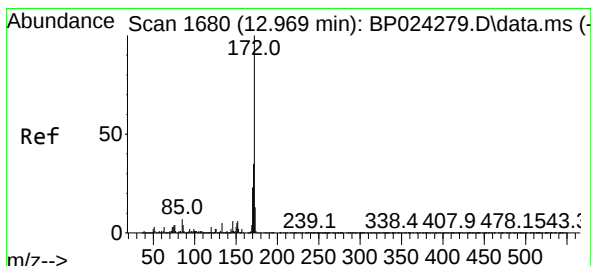
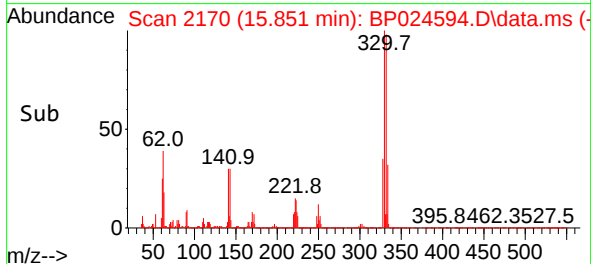
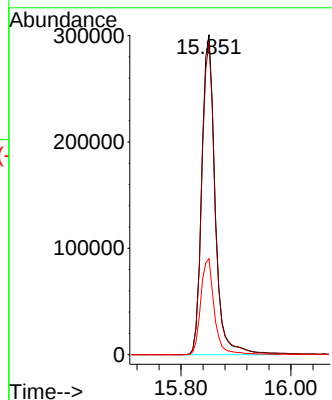
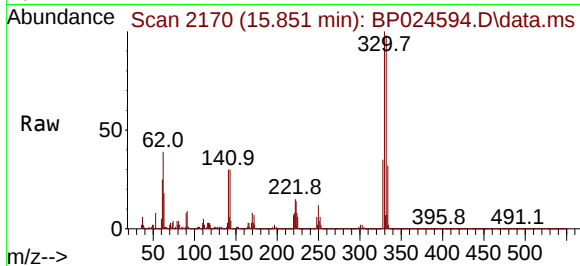




#42  
2,4,6-Tribromophenol  
Concen: 122.273 ng  
RT: 15.851 min Scan# 2175  
Delta R.T. 0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

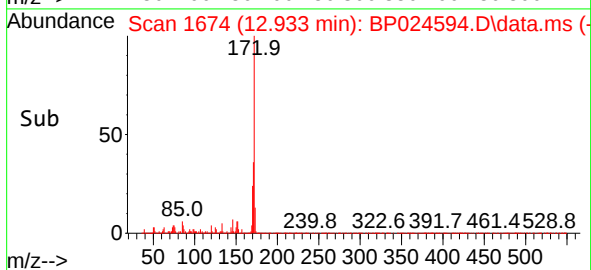
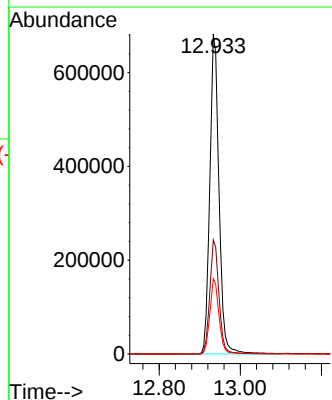
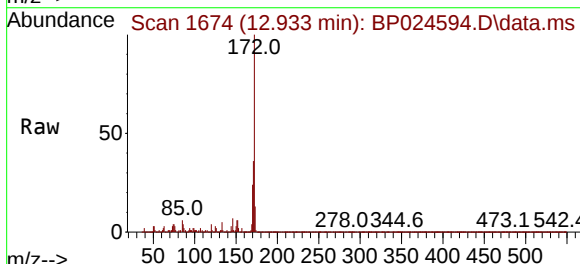
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-10

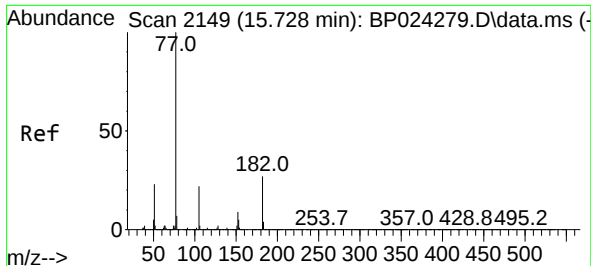
Tgt Ion: 330 Resp: 510140  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 30.5 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 54.219 ng  
RT: 12.933 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Tgt Ion: 172 Resp: 1067839  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.5 18.6 27.8

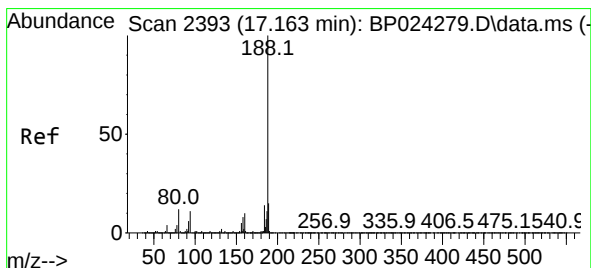
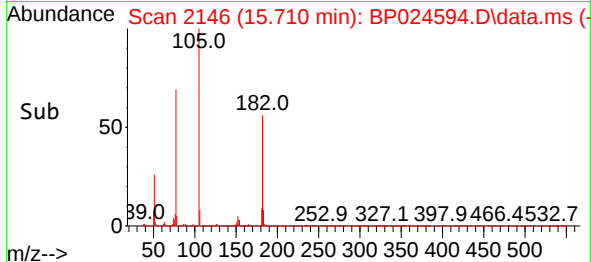
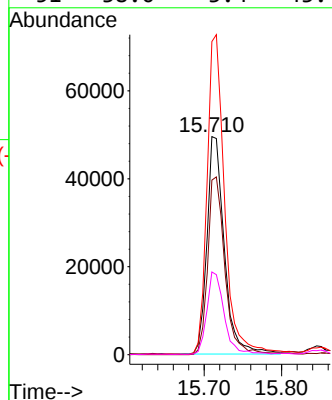
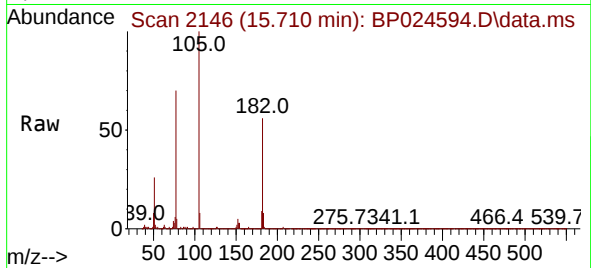




#63  
Azobenzene  
Concen: 3.719 ng  
RT: 15.710 min Scan# 2149  
Delta R.T. 0.018 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

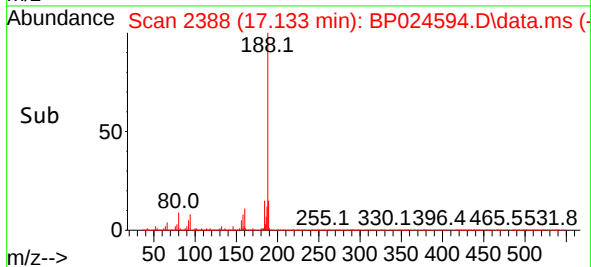
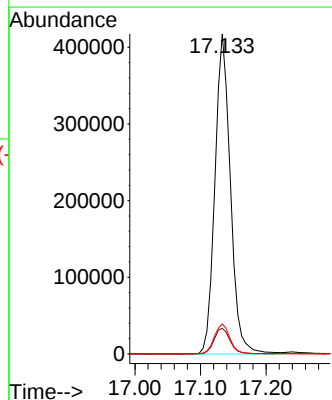
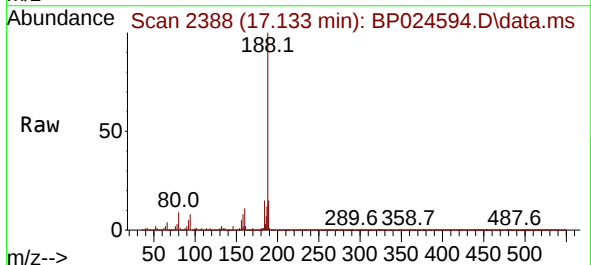
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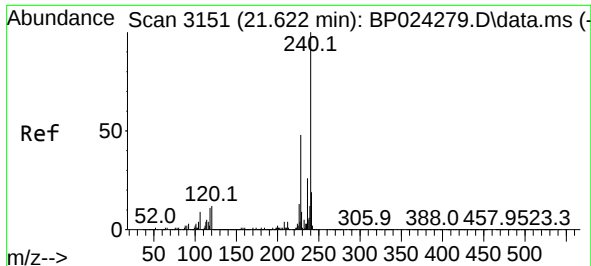
Tgt Ion: 77 Resp: 77246  
Ion Ratio Lower Upper  
77 100  
182 80.1 7.3 47.3#  
105 143.6 2.3 42.3#  
51 38.0 3.4 43.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.133 min Scan# 2388  
Delta R.T. 0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Tgt Ion: 188 Resp: 683409  
Ion Ratio Lower Upper  
188 100  
94 8.0 8.6 13.0#  
80 9.4 9.8 14.6#

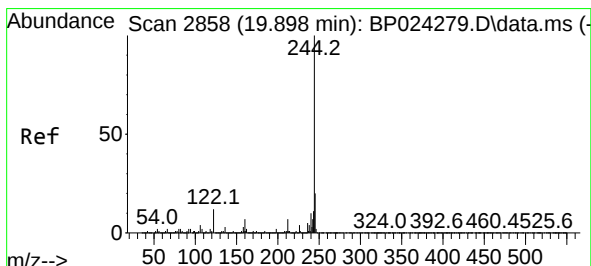
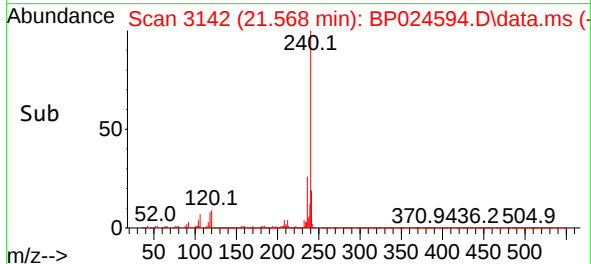
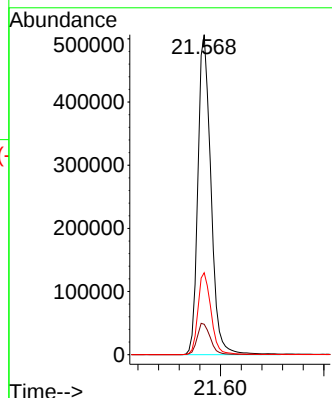
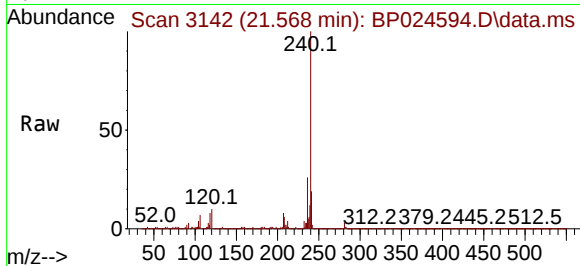




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.568 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

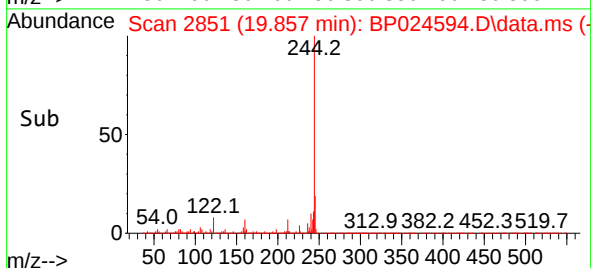
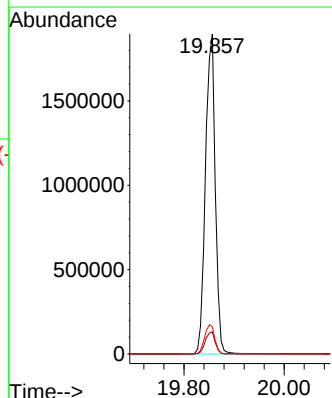
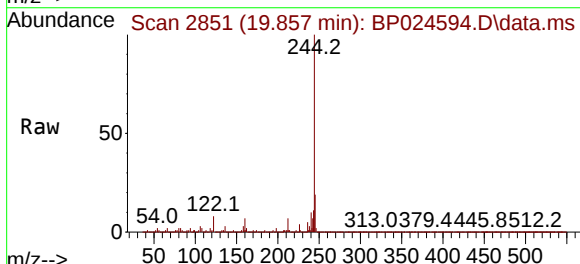
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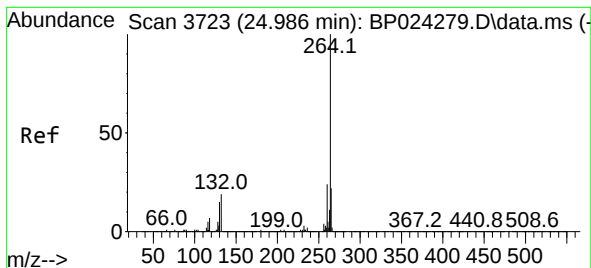
Tgt Ion:240 Resp: 885510  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.8 14.8#  
236 25.6 20.9 31.3



#79  
Terphenyl-d14  
Concen: 58.809 ng  
RT: 19.857 min Scan# 2851  
Delta R.T. 0.006 min  
Lab File: BP024594.D  
Acq: 09 May 2025 17:08

Tgt Ion:244 Resp: 2583600  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.6 8.4  
122 8.4 9.4 14.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024594.D

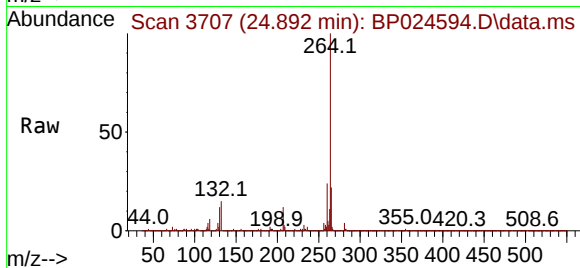
Acq: 09 May 2025 17:08

Instrument :

BNA\_P

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Tgt Ion:264 Resp: 1054519

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.8 26.6

