

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041525\  
 Data File : BP024297.D  
 Acq On : 15 Apr 2025 16:48  
 Operator : RC/JU  
 Sample : Q1781-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-11

Quant Time: Apr 15 17:18:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 15 04:48:42 2025  
 Response via : Initial Calibration

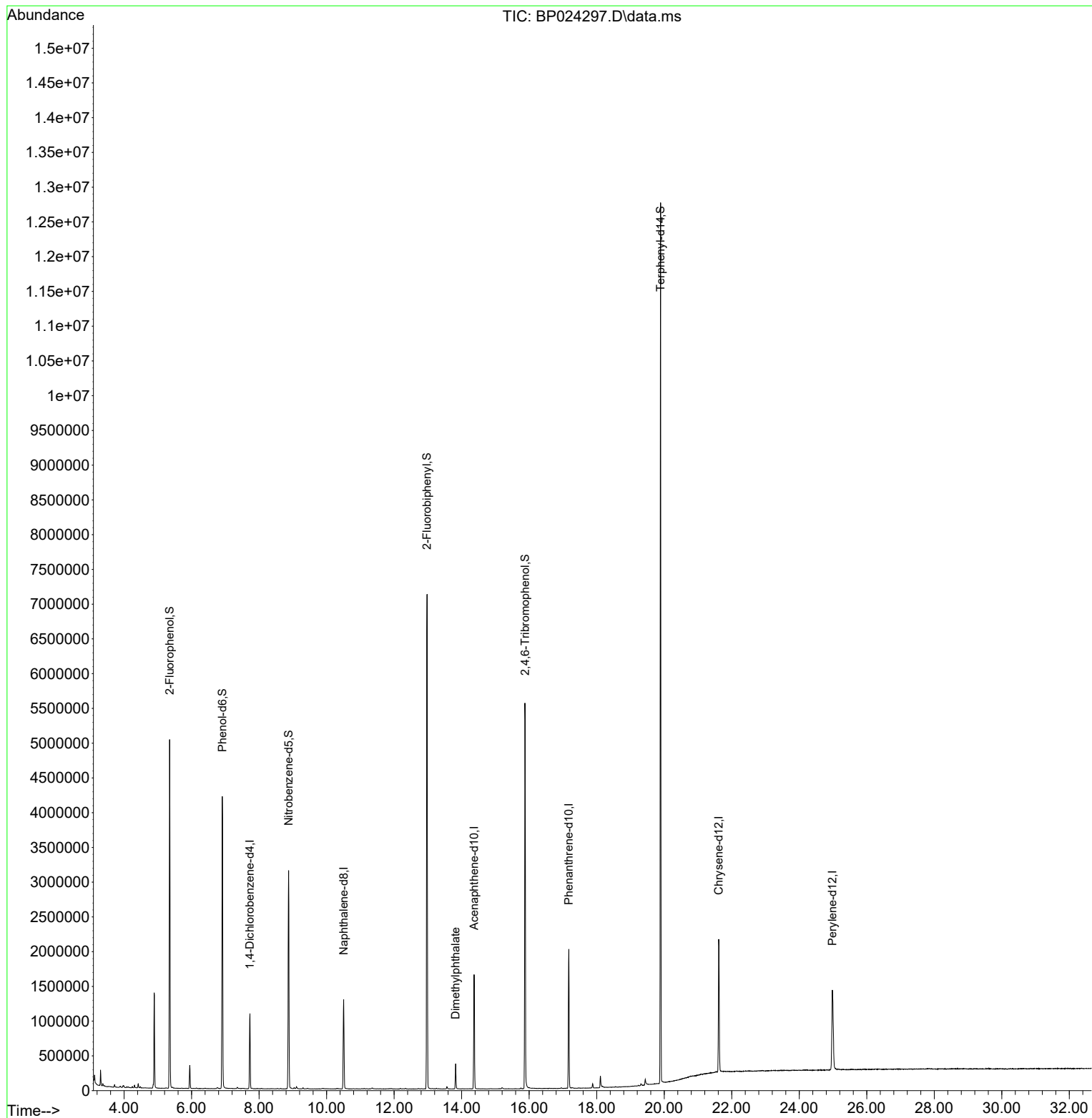
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.728  | 152  | 292363   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.504 | 136  | 1114933  | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.369 | 164  | 617199   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.174 | 188  | 1150030  | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.615 | 240  | 1166832  | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 24.980 | 264  | 1223526  | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.352  | 112  | 2180509  | 123.318 | ng    | 0.00      |
| 7) Phenol-d6                | 6.910  | 99   | 2505113  | 103.468 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.875  | 82   | 1900783  | 97.212  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.880 | 330  | 1098618  | 128.655 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.975 | 172  | 3714204  | 92.140  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.892 | 244  | 5658084  | 97.740  | ng    | -0.03     |
| Target Compounds            |        |      |          |         |       |           |
| 50) Dimethylphthalate       | 13.822 | 163  | 221897   | 4.944   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

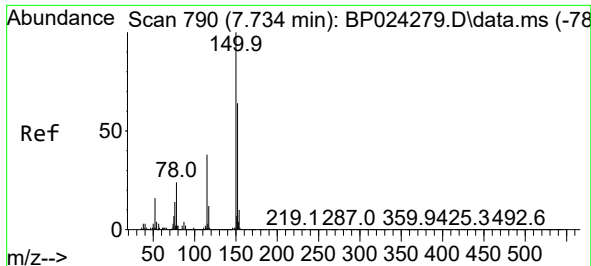
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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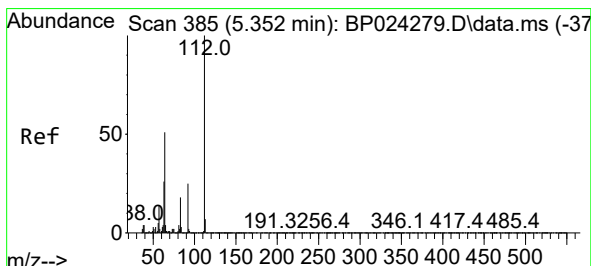
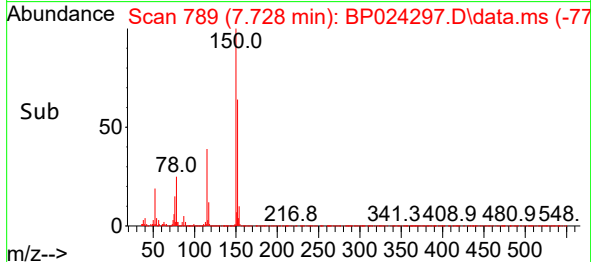
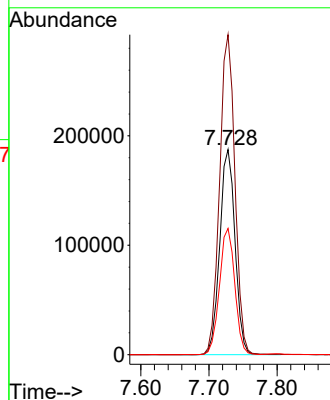
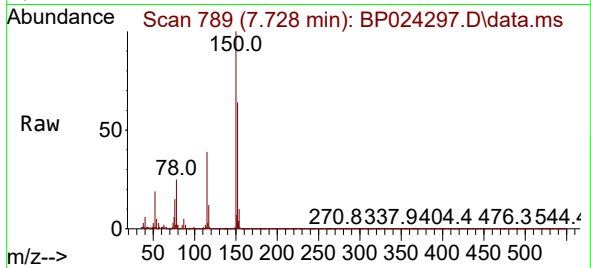




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.728 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

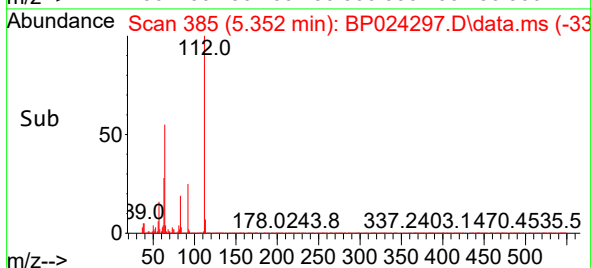
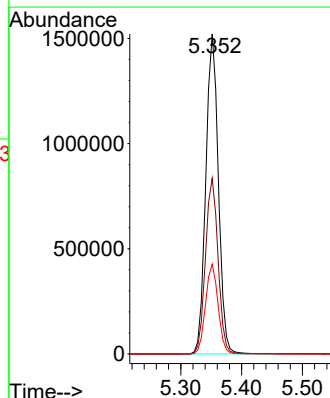
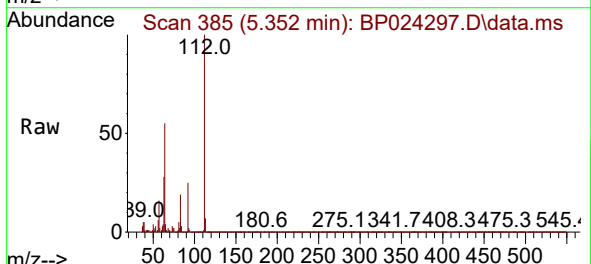
Instrument :  
BNA\_P  
ClientSampleId :  
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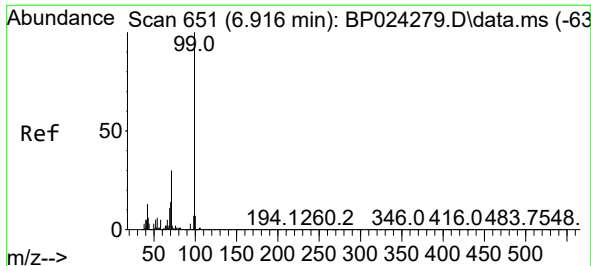
Tgt Ion:152 Resp: 292363  
Ion Ratio Lower Upper  
152 100  
150 156.0 124.9 187.3  
115 61.6 47.7 71.5



#5  
2-Fluorophenol  
Concen: 123.318 ng  
RT: 5.352 min Scan# 385  
Delta R.T. -0.000 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

Tgt Ion:112 Resp: 2180509  
Ion Ratio Lower Upper  
112 100  
64 54.9 41.1 61.7  
63 28.1 20.6 30.8

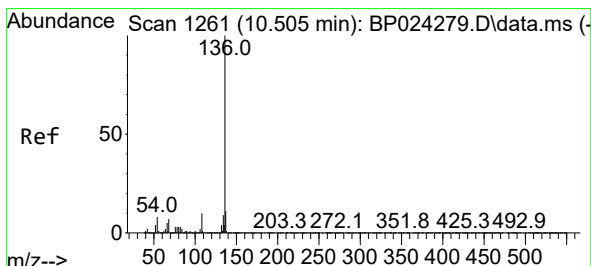
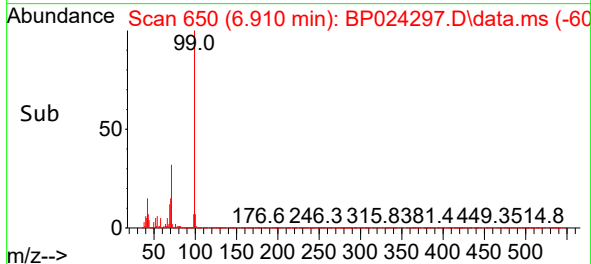
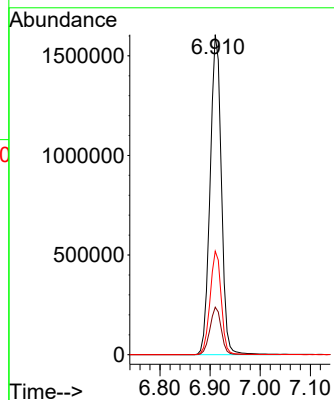
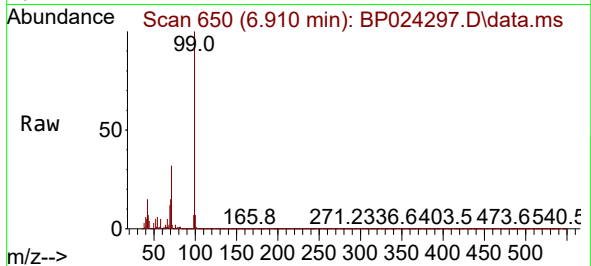




#7  
Phenol-d6  
Concen: 103.468 ng  
RT: 6.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

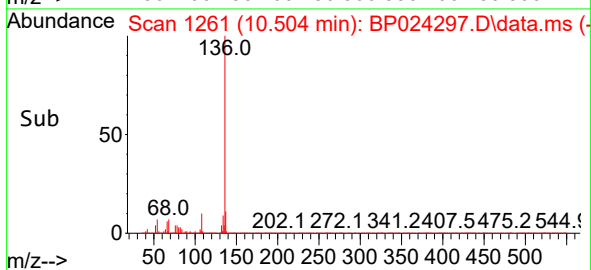
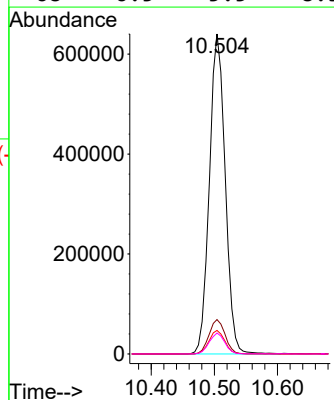
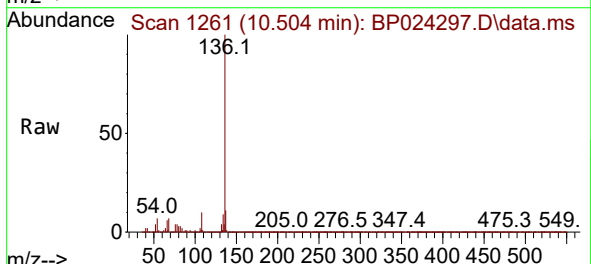
Instrument :  
BNA\_P  
ClientSampleId :  
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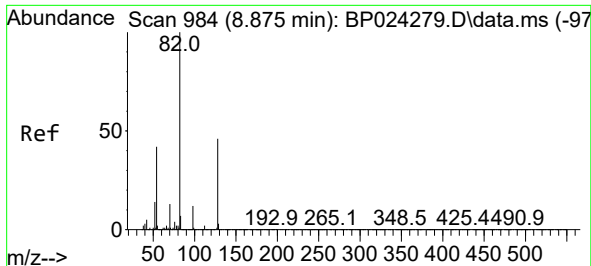
Tgt Ion: 99 Resp: 2505113  
Ion Ratio Lower Upper  
99 100  
42 14.9 10.6 16.0  
71 32.4 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.504 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

Tgt Ion:136 Resp: 1114933  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 7.3 6.0 9.0  
68 6.5 5.5 8.3

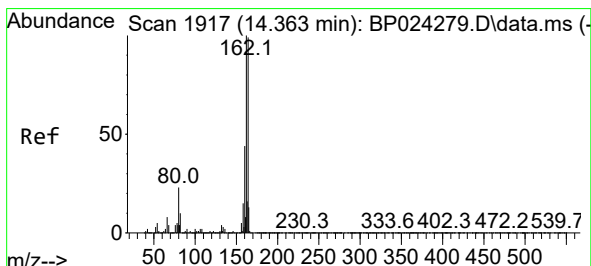
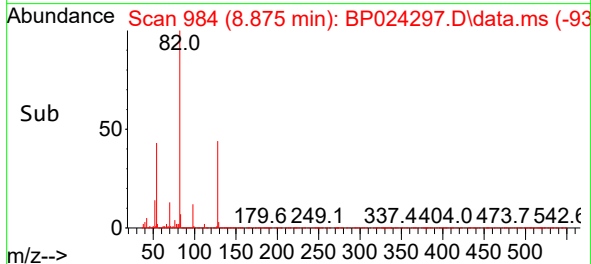
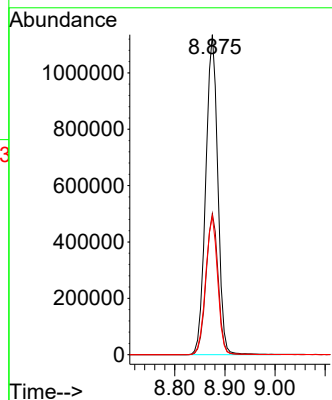
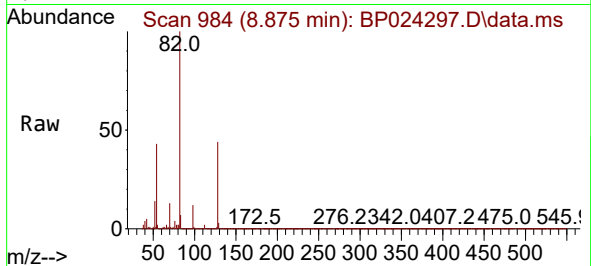




#23  
Nitrobenzene-d5  
Concen: 97.212 ng  
RT: 8.875 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

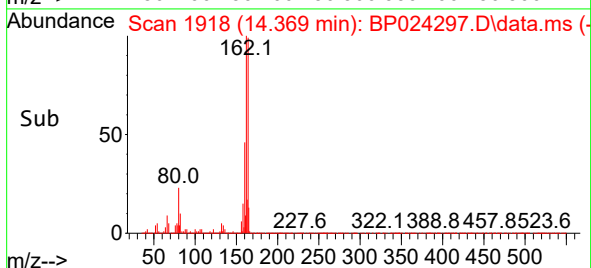
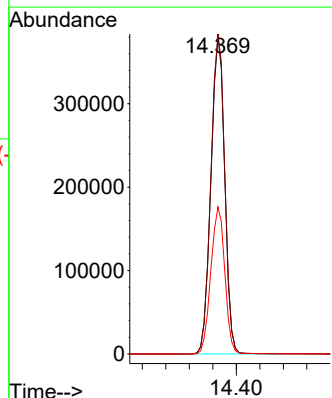
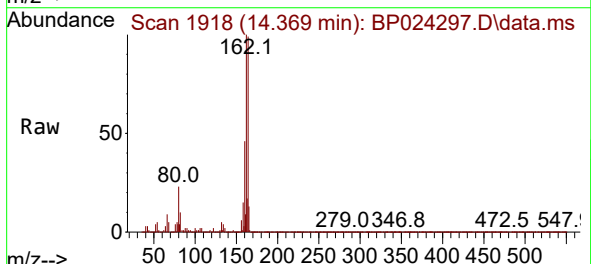
Instrument :  
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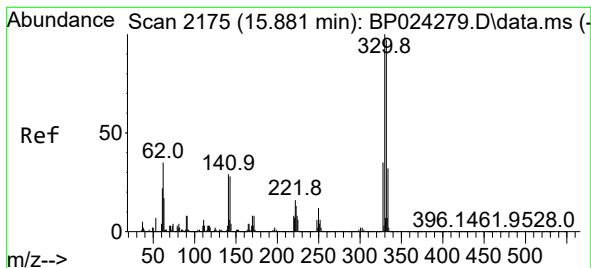
Tgt Ion: 82 Resp: 1900783  
Ion Ratio Lower Upper  
82 100  
128 44.1 36.5 54.7  
54 43.2 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.369 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

Tgt Ion:164 Resp: 617199  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.6 120.8  
160 46.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 128.655 ng

RT: 15.880 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024297.D

Acq: 15 Apr 2025 16:48

Instrument :

BNA\_P

ClientSampleId :

WC-11

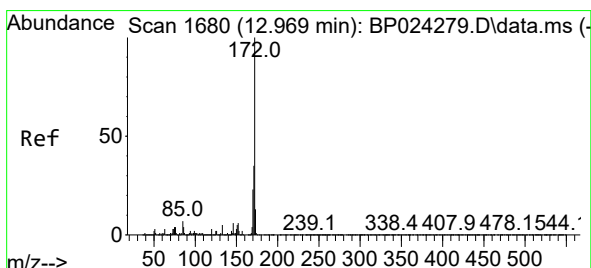
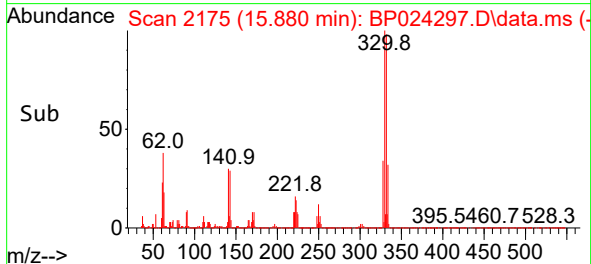
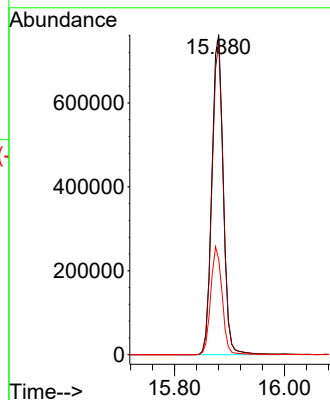
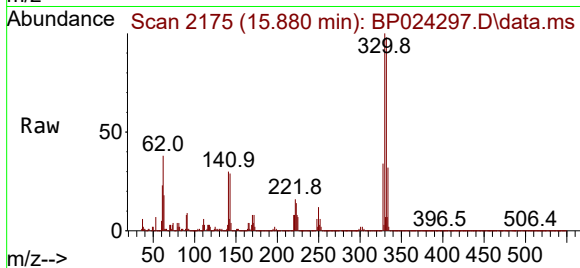
Tgt Ion:330 Resp: 1098618

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 33.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.140 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024297.D

Acq: 15 Apr 2025 16:48

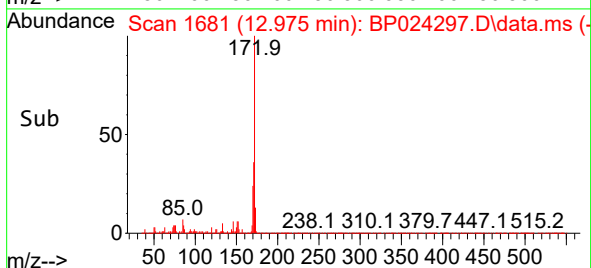
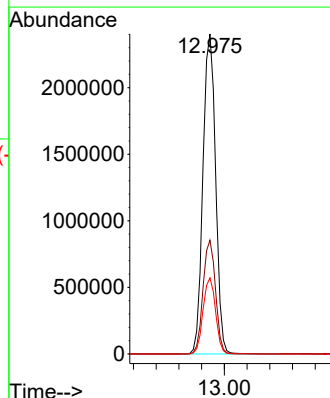
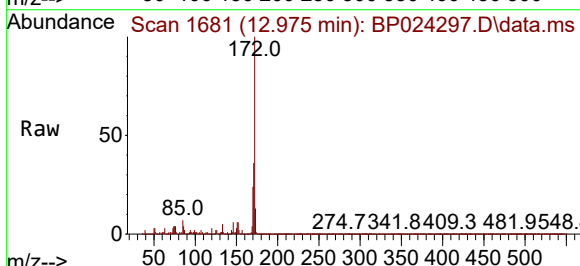
Tgt Ion:172 Resp: 3714204

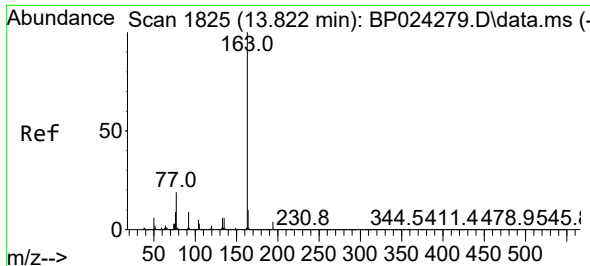
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.8 18.6 27.8

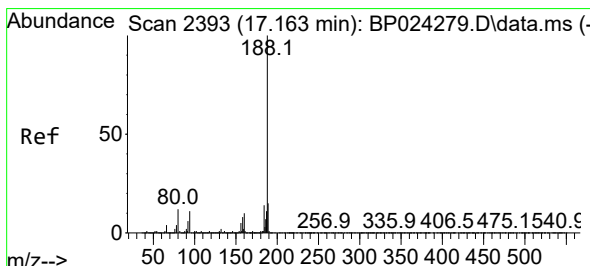
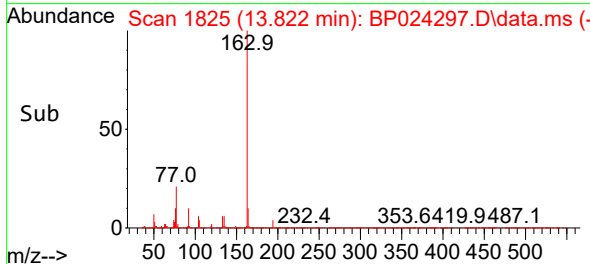
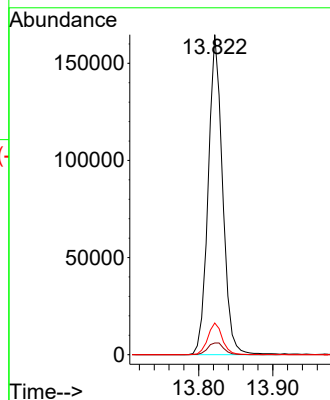
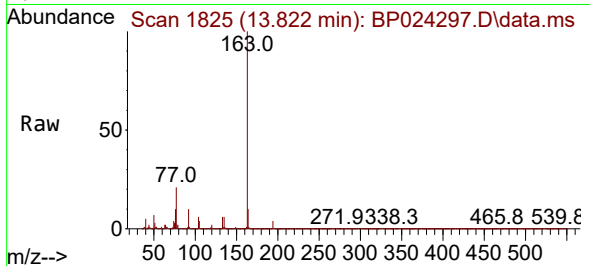




#50  
Dimethylphthalate  
Concen: 4.944 ng  
RT: 13.822 min Scan# 1825  
Delta R.T. -0.012 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

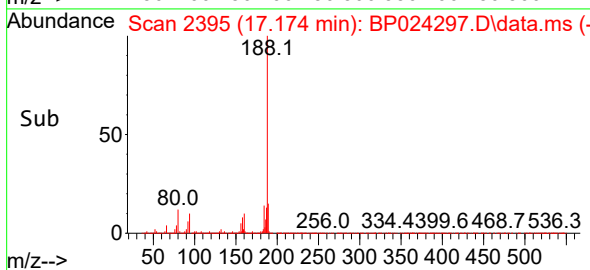
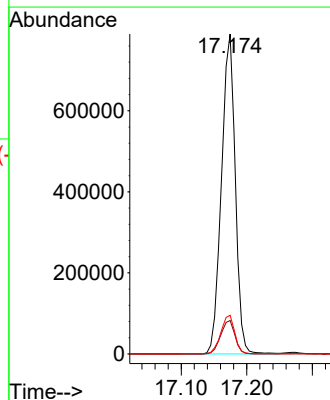
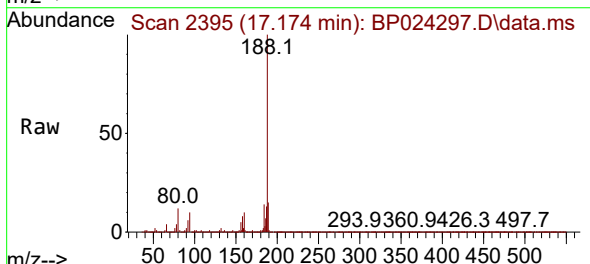
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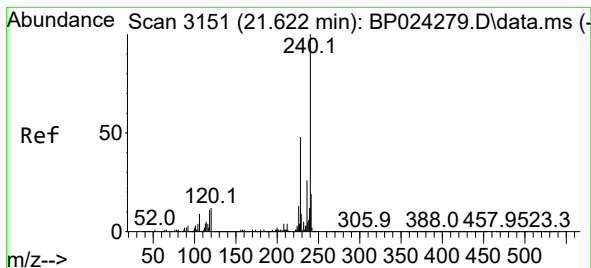
Tgt Ion:163 Resp: 221897  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.5 5.3  
164 9.9 8.0 12.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.174 min Scan# 2395  
Delta R.T. -0.006 min  
Lab File: BP024297.D  
Acq: 15 Apr 2025 16:48

Tgt Ion:188 Resp: 1150030  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.6 13.0  
80 12.1 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024297.D

Acq: 15 Apr 2025 16:48

Instrument :

BNA\_P

ClientSampleId :

WC-11

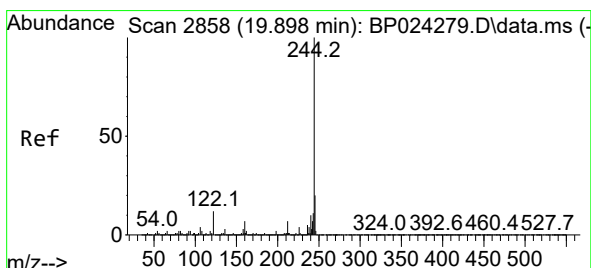
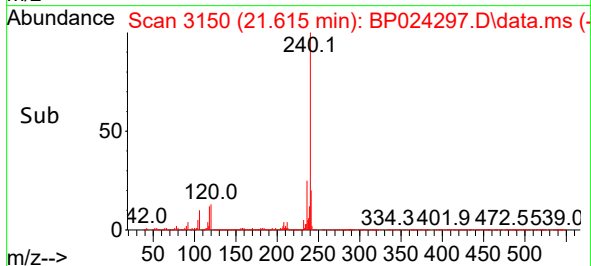
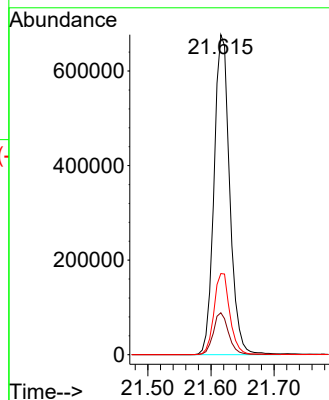
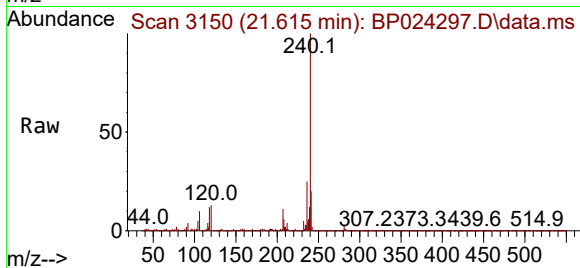
Tgt Ion:240 Resp: 1166832

Ion Ratio Lower Upper

240 100

120 13.1 9.8 14.8

236 25.3 20.9 31.3



#79

Terphenyl-d14

Concen: 97.740 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.030 min

Lab File: BP024297.D

Acq: 15 Apr 2025 16:48

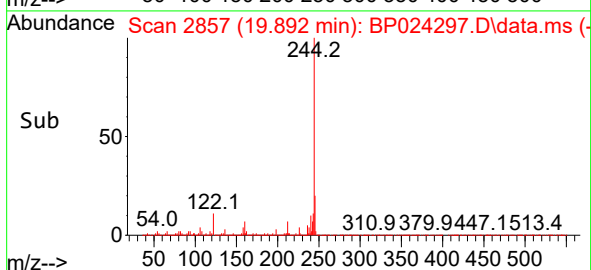
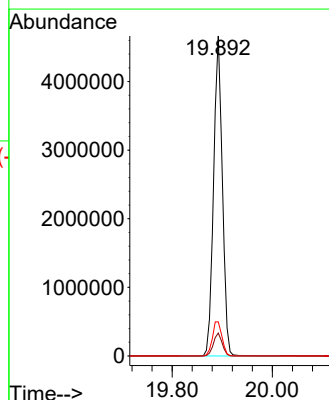
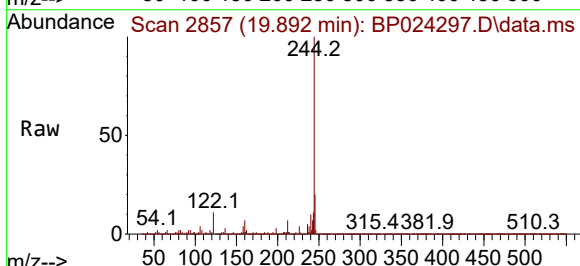
Tgt Ion:244 Resp: 5658084

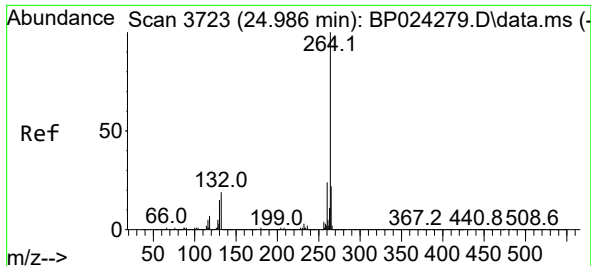
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.7 9.4 14.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.980 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BP024297.D  
 Acq: 15 Apr 2025 16:48

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Tgt Ion:264 Resp: 1223526  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.9 28.3  
 265 22.3 17.8 26.6

