

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061725\  
 Data File : BP024979.D  
 Acq On : 17 Jun 2025 17:27  
 Operator : RC/JU  
 Sample : Q2311-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP03-MH2MH3-WC

Quant Time: Jun 17 17:51:34 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

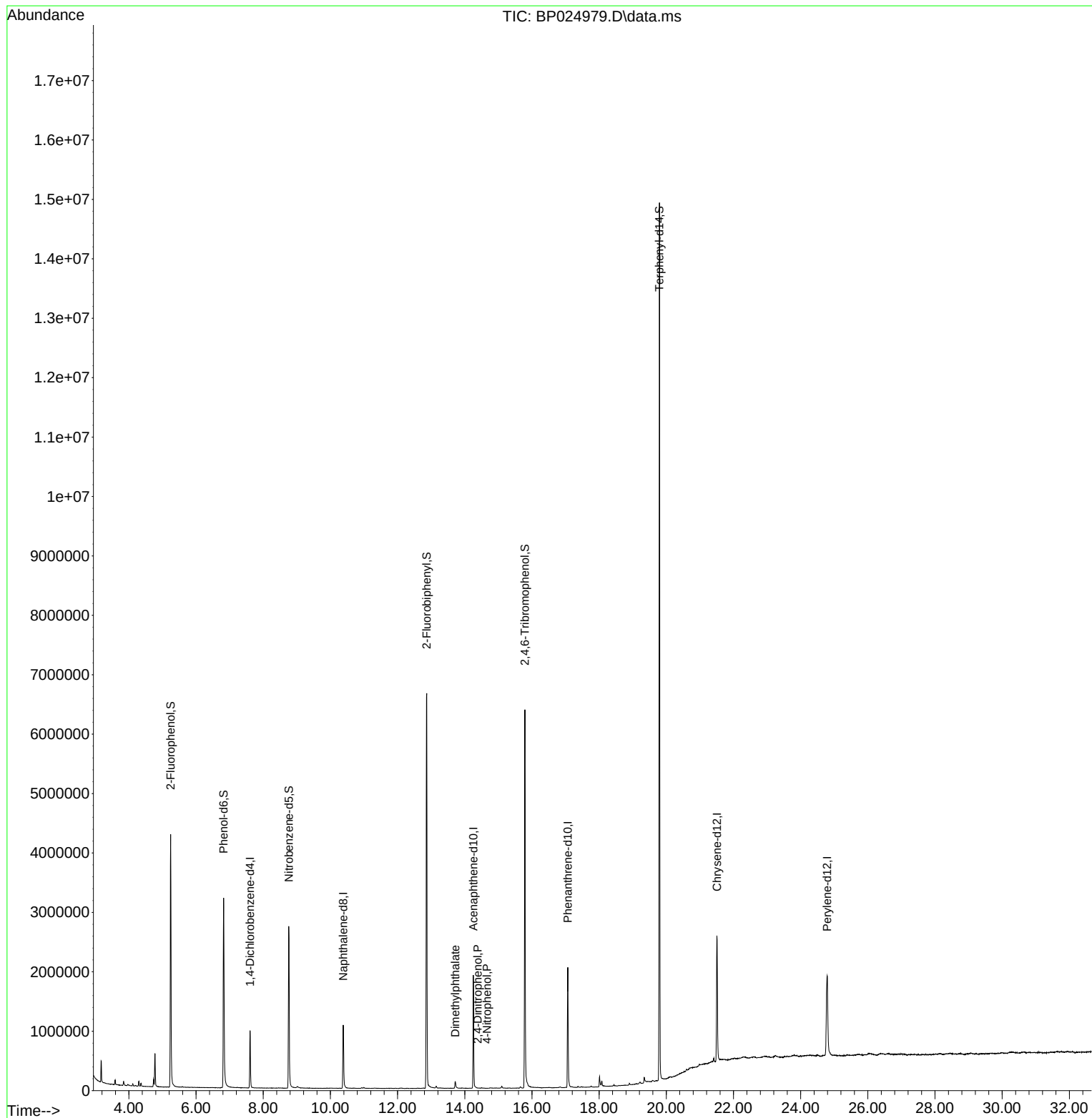
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.607  | 152  | 267854   | 20.000  | ng    | 0.00       |
| 21) Naphthalene-d8          | 10.378 | 136  | 1014447  | 20.000  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.254 | 164  | 634145   | 20.000  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.066 | 188  | 1293266  | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.507 | 240  | 1443785  | 20.000  | ng    | 0.02       |
| 86) Perylene-d12            | 24.789 | 264  | 1591503  | 20.000  | ng    | 0.07       |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.243  | 112  | 2054997  | 128.062 | ng    | 0.00       |
| 7) Phenol-d6                | 6.819  | 99   | 2310857  | 108.840 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.760  | 82   | 1756098  | 84.119  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.789 | 330  | 1333069  | 152.048 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 12.866 | 172  | 3720678  | 79.039  | ng    | 0.00       |
| 79) Terphenyl-d14           | 19.795 | 244  | 6883935  | 85.454  | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 50) Dimethylphthalate       | 13.719 | 163  | 112821   | 2.412   | ng    | Qvalue 100 |
| 54) 2,4-Dinitrophenol       | 14.384 | 184  | 50       | 5.571   | ng    | # 1        |
| 56) 4-Nitrophenol           | 14.660 | 139  | 103      | 5.420   | ng    | 92         |
| -----                       |        |      |          |         |       |            |

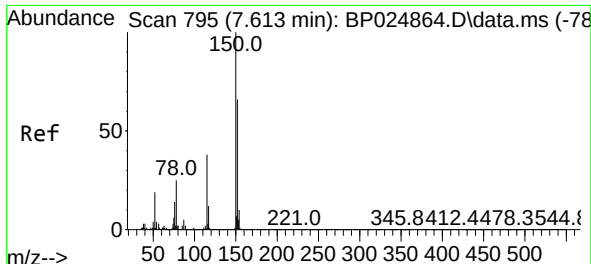
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061725\  
Data File : BP024979.D  
Acq On : 17 Jun 2025 17:27  
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Sample : Q2311-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

Quant Time: Jun 17 17:51:34 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

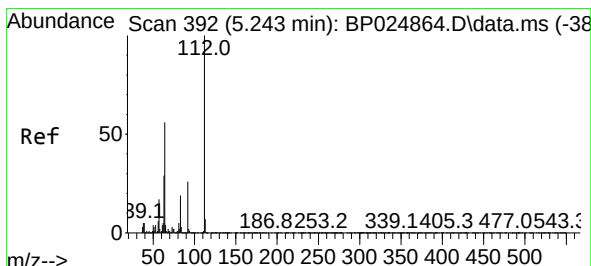
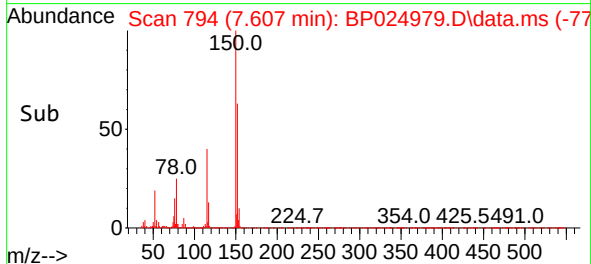
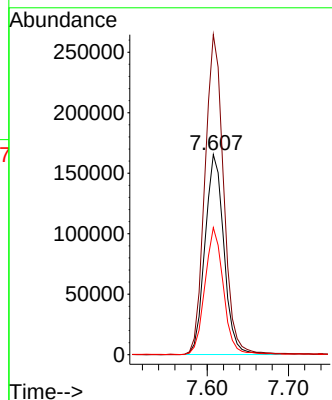
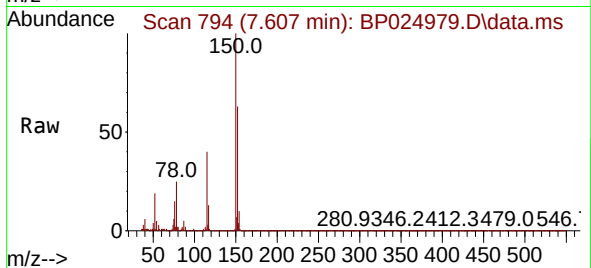




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.607 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

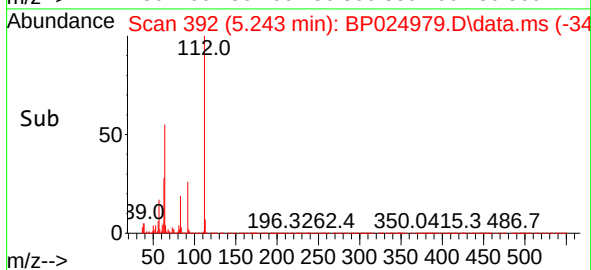
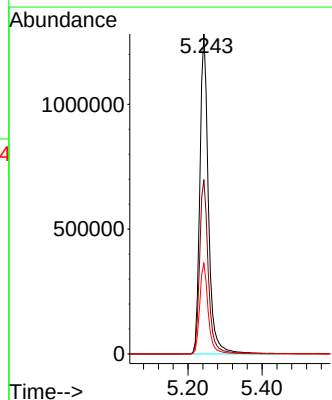
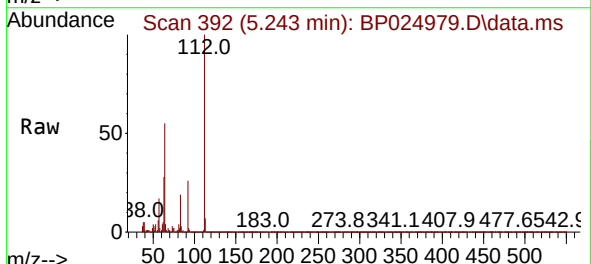
Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

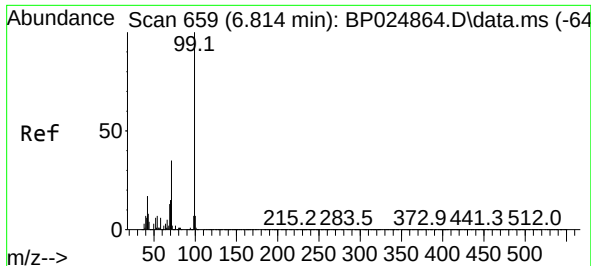
Tgt Ion:152 Resp: 267854  
Ion Ratio Lower Upper  
152 100  
150 159.9 122.1 183.1  
115 63.5 46.4 69.6



#5  
2-Fluorophenol  
Concen: 128.062 ng  
RT: 5.243 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

Tgt Ion:112 Resp: 2054997  
Ion Ratio Lower Upper  
112 100  
64 54.5 44.7 67.1  
63 28.3 23.5 35.3

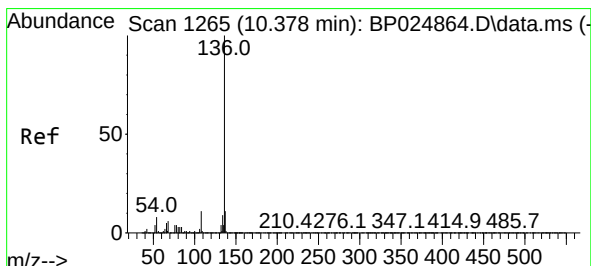
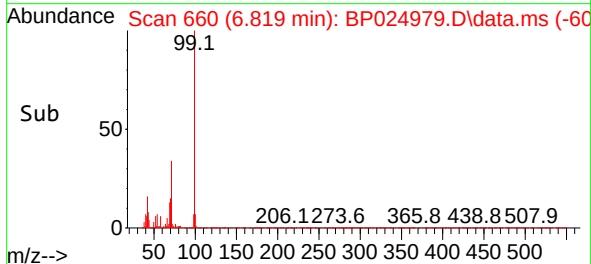
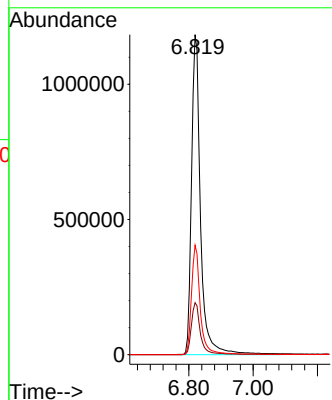
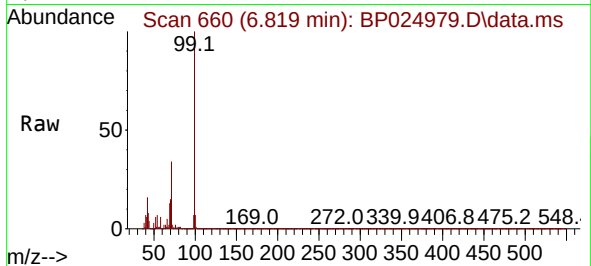




#7  
Phenol-d6  
Concen: 108.840 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

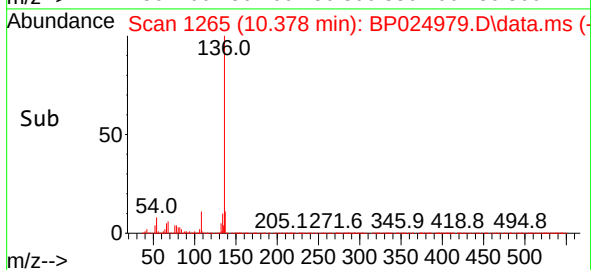
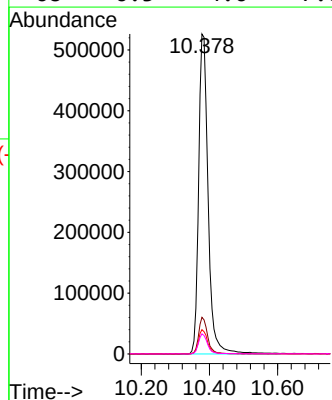
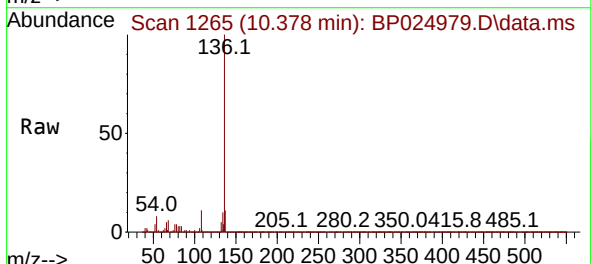
Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

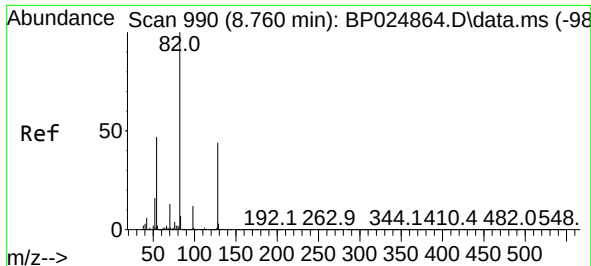
Tgt Ion: 99 Resp: 2310857  
Ion Ratio Lower Upper  
99 100  
42 16.3 13.4 20.2  
71 34.2 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

Tgt Ion: 136 Resp: 1014447  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.9 13.3  
54 7.6 6.1 9.1  
68 6.3 4.6 7.0

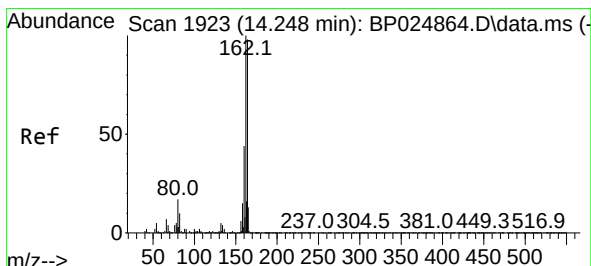
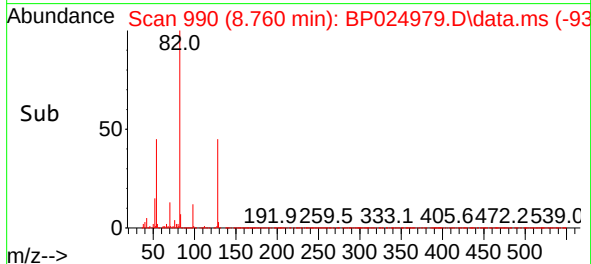
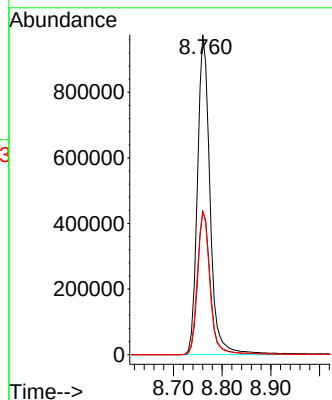
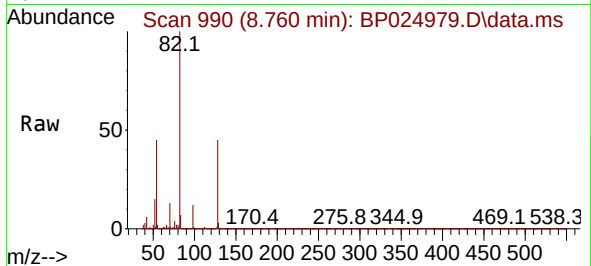




#23  
 Nitrobenzene-d5  
 Concen: 84.119 ng  
 RT: 8.760 min Scan# 990  
 Delta R.T. -0.000 min  
 Lab File: BP024979.D  
 Acq: 17 Jun 2025 17:27

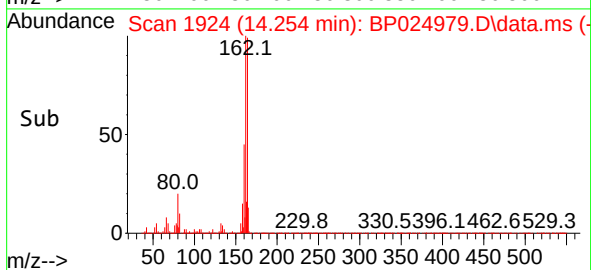
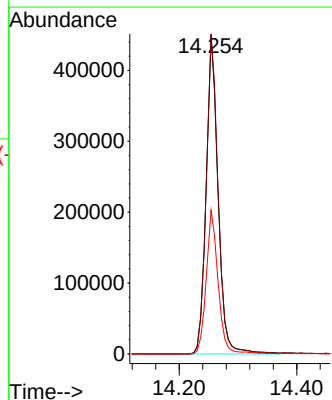
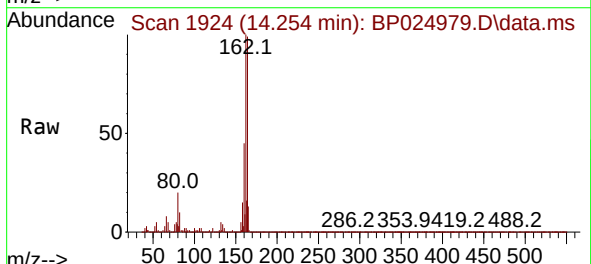
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP03-MH2MH3-WC

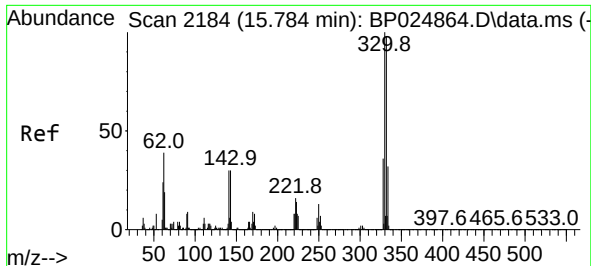
Tgt Ion: 82 Resp: 1756098  
 Ion Ratio Lower Upper  
 82 100  
 128 44.8 35.3 52.9  
 54 44.7 37.4 56.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.254 min Scan# 1924  
 Delta R.T. 0.006 min  
 Lab File: BP024979.D  
 Acq: 17 Jun 2025 17:27

Tgt Ion:164 Resp: 634145  
 Ion Ratio Lower Upper  
 164 100  
 162 100.8 81.6 122.4  
 160 45.2 36.2 54.2

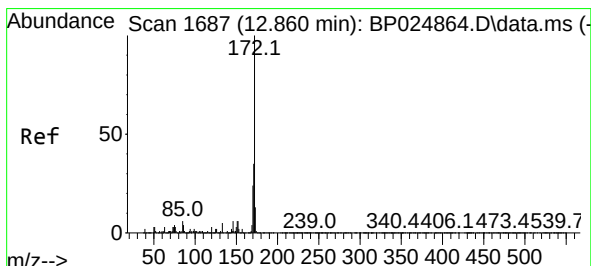
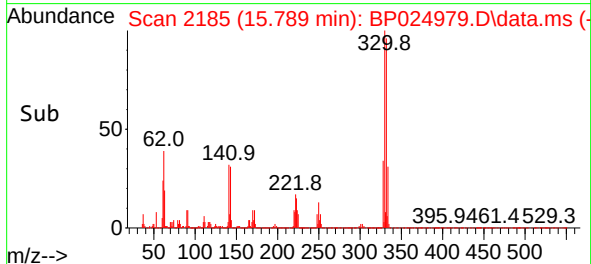
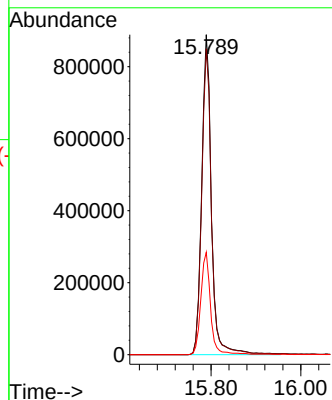
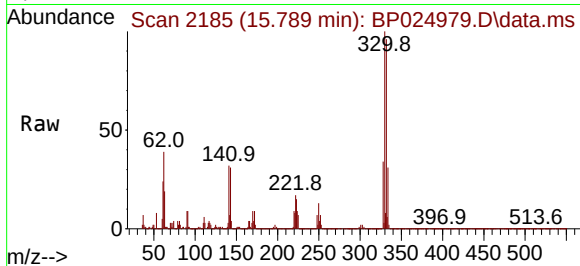




#42  
2,4,6-Tribromophenol  
Concen: 152.048 ng  
RT: 15.789 min Scan# 2184  
Delta R.T. 0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

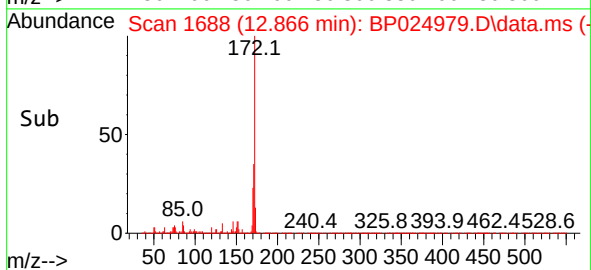
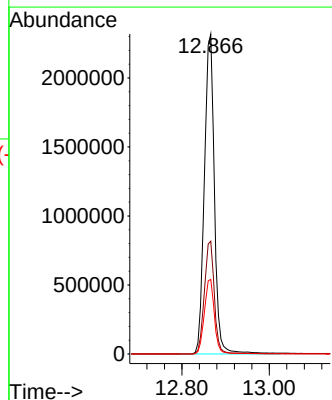
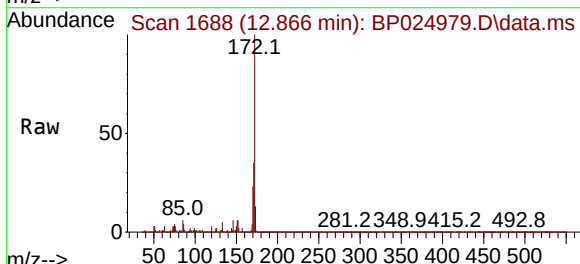
Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

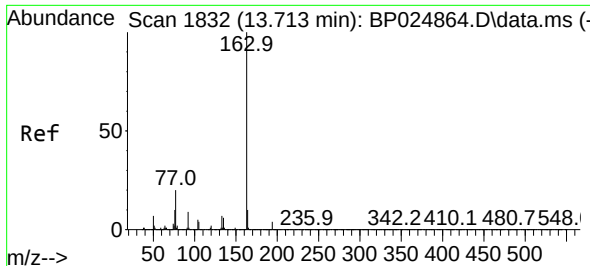
Tgt Ion:330 Resp: 1333069  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.7 116.5  
141 32.1 26.4 39.6



#45  
2-Fluorobiphenyl  
Concen: 79.039 ng  
RT: 12.866 min Scan# 1688  
Delta R.T. 0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

Tgt Ion:172 Resp: 3720678  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 23.3 19.0 28.4

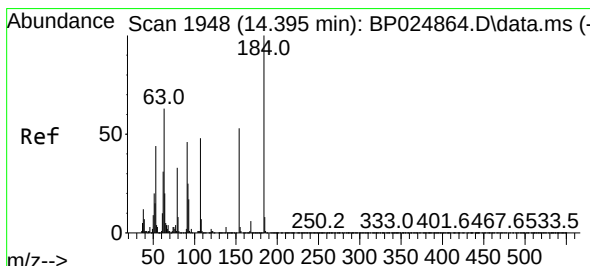
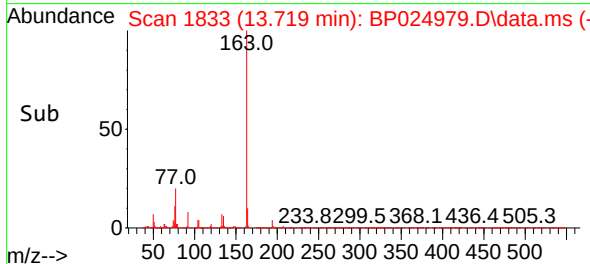
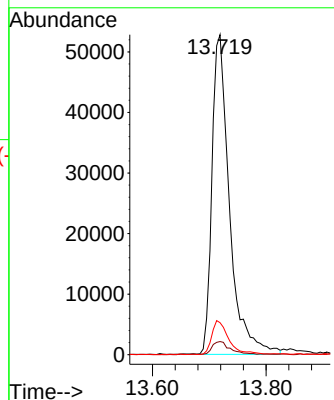
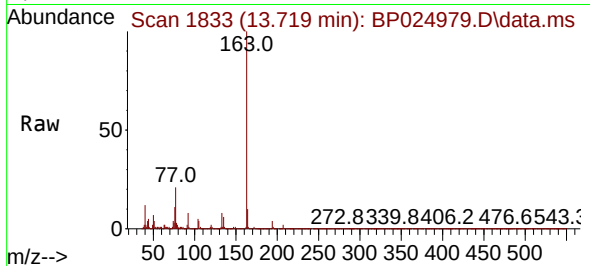




#50  
Dimethylphthalate  
Concen: 2.412 ng  
RT: 13.719 min Scan# 1832  
Delta R.T. 0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

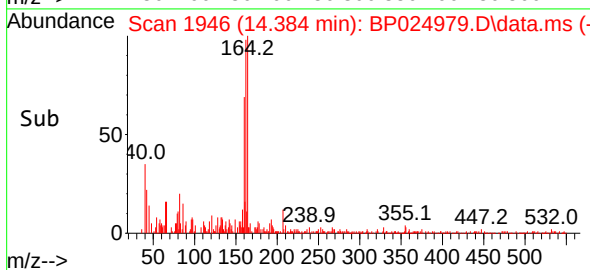
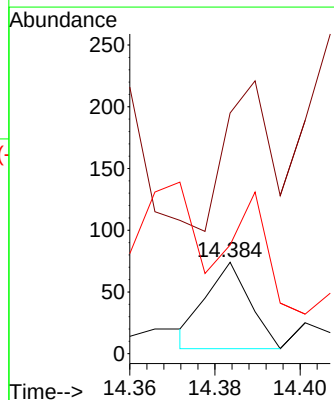
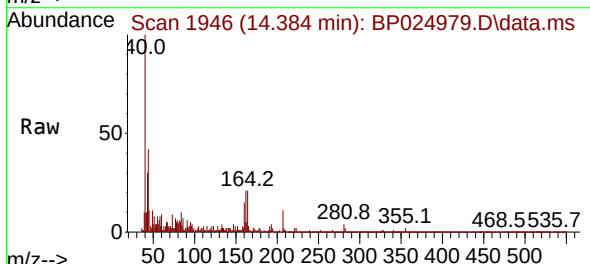
Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

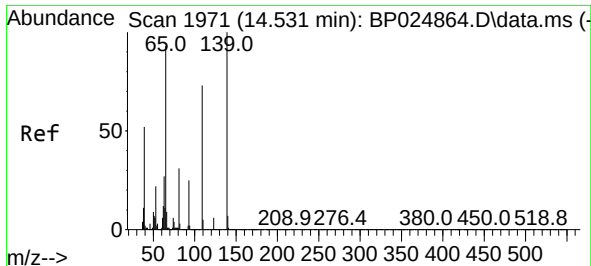
Tgt Ion:163 Resp: 112821  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.0 8.0 12.0



#54  
2,4-Dinitrophenol  
Concen: 5.571 ng  
RT: 14.384 min Scan# 1946  
Delta R.T. -0.011 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

Tgt Ion:184 Resp: 50  
Ion Ratio Lower Upper  
184 100  
63 263.5 51.0 76.4#  
154 118.9 51.7 77.5#

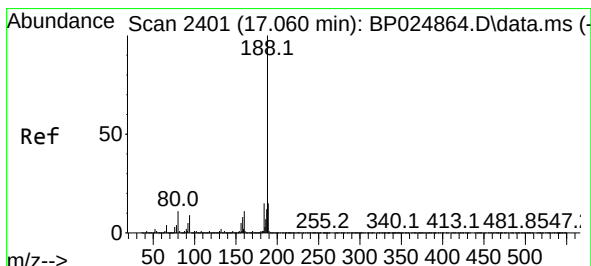
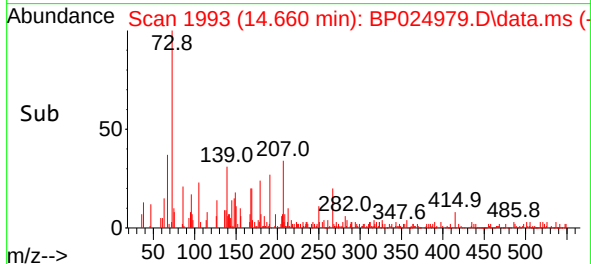
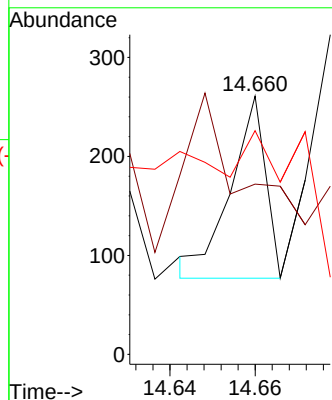
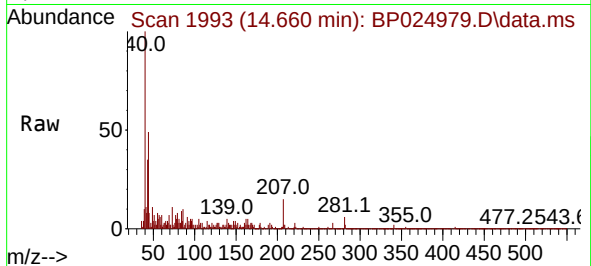




#56  
4-Nitrophenol  
Concen: 5.420 ng  
RT: 14.660 min Scan# 1971  
Delta R.T. 0.129 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

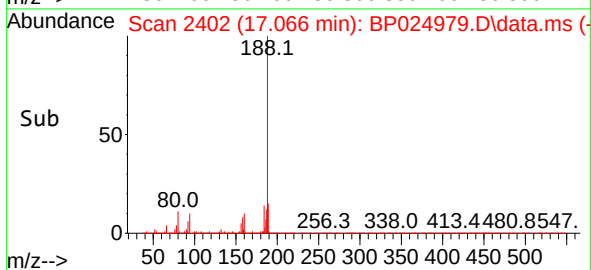
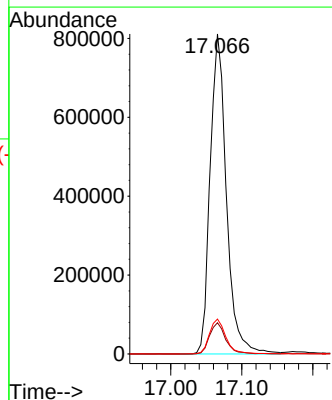
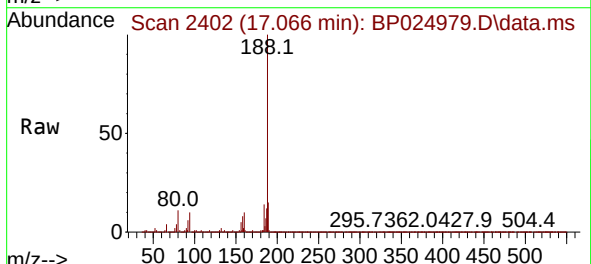
Instrument :  
BNA\_P  
ClientSampleId :  
TP03-MH2MH3-WC

Tgt Ion:139 Resp: 103  
Ion Ratio Lower Upper  
139 100  
109 65.9 53.1 93.1  
65 86.6 73.0 113.0

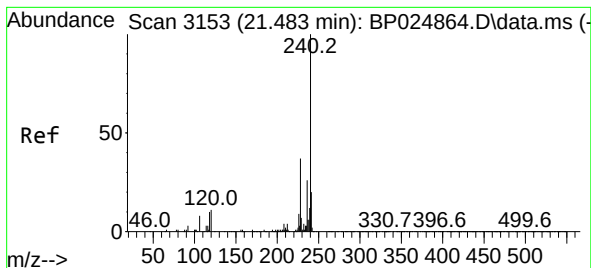


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.066 min Scan# 2402  
Delta R.T. 0.006 min  
Lab File: BP024979.D  
Acq: 17 Jun 2025 17:27

Tgt Ion:188 Resp: 1293266  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.3 10.9  
80 10.9 8.5 12.7







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.507 min Scan# 3157

Delta R.T. 0.023 min

Lab File: BP024979.D

Acq: 17 Jun 2025 17:27

Instrument :

BNA\_P

ClientSampleId :

TP03-MH2MH3-WC

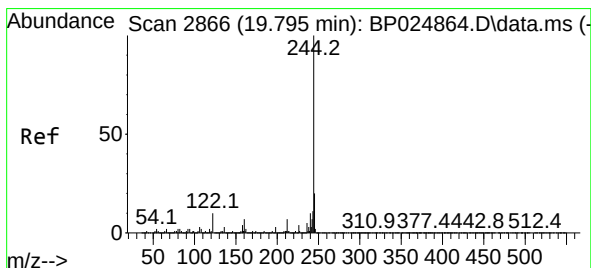
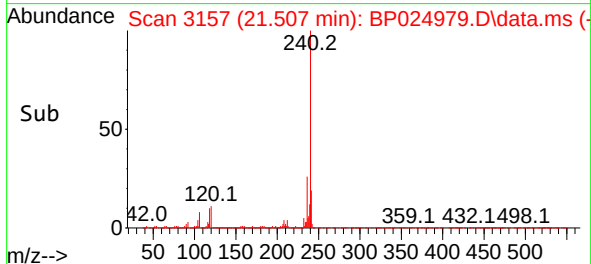
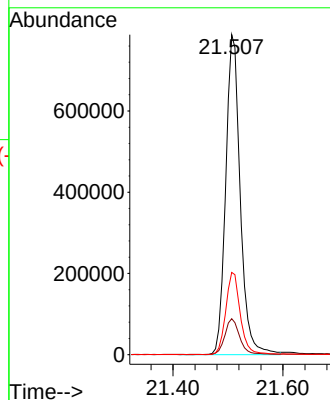
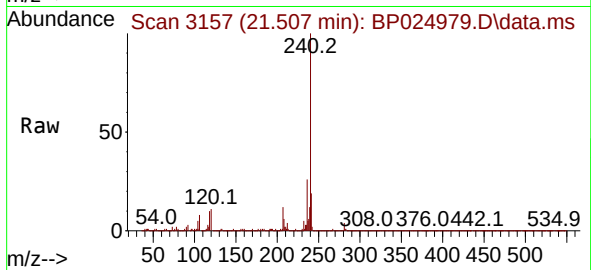
Tgt Ion:240 Resp: 1443785

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 85.454 ng

RT: 19.795 min Scan# 2866

Delta R.T. -0.000 min

Lab File: BP024979.D

Acq: 17 Jun 2025 17:27

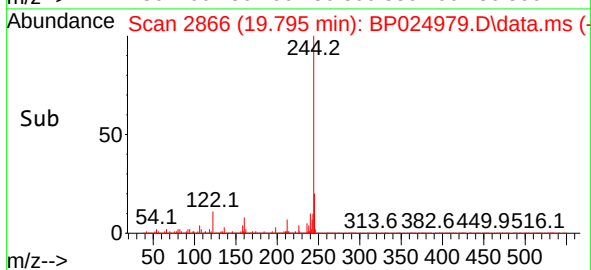
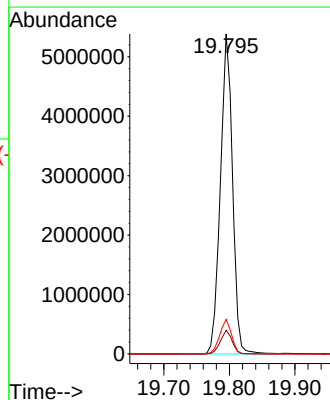
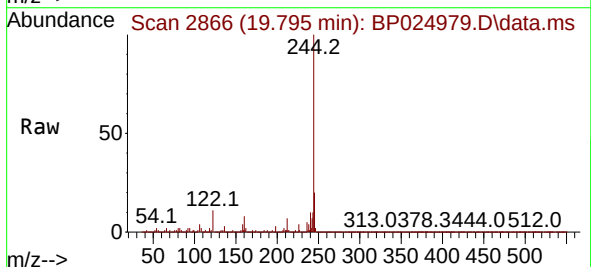
Tgt Ion:244 Resp: 6883935

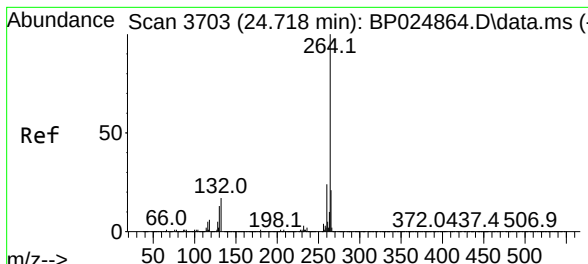
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

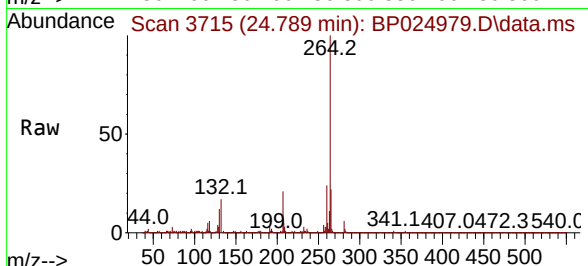
122 10.8 7.7 11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.789 min Scan# 31  
 Delta R.T. 0.070 min  
 Lab File: BP024979.D  
 Acq: 17 Jun 2025 17:27

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP03-MH2MH3-WC



Tgt Ion:264 Resp: 1591503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.0  | 28.4  |
| 265 | 22.4  | 17.4  | 26.0  |

