

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050125\  
 Data File : BP024496.D  
 Acq On : 01 May 2025 17:34  
 Operator : RC/JU  
 Sample : Q1905-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-H

Quant Time: May 01 18:01:10 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   | 7.711  | 152  | 181176   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.487 | 136  | 691511   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.340 | 164  | 413811   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.151 | 188  | 748357   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.610 | 240  | 725779   | 20.000  | ng    | # 0.02   |
| 86) Perylene-d12            | 24.969 | 264  | 948217   | 20.000  | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 1149771  | 104.931 | ng    | -0.01    |
| 7) Phenol-d6                | 6.899  | 99   | 1376840  | 91.766  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.858  | 82   | 901245   | 74.316  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.869 | 330  | 730442   | 127.582 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.957 | 172  | 2068670  | 76.541  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.886 | 244  | 2908592  | 80.778  | ng    | 0.01     |

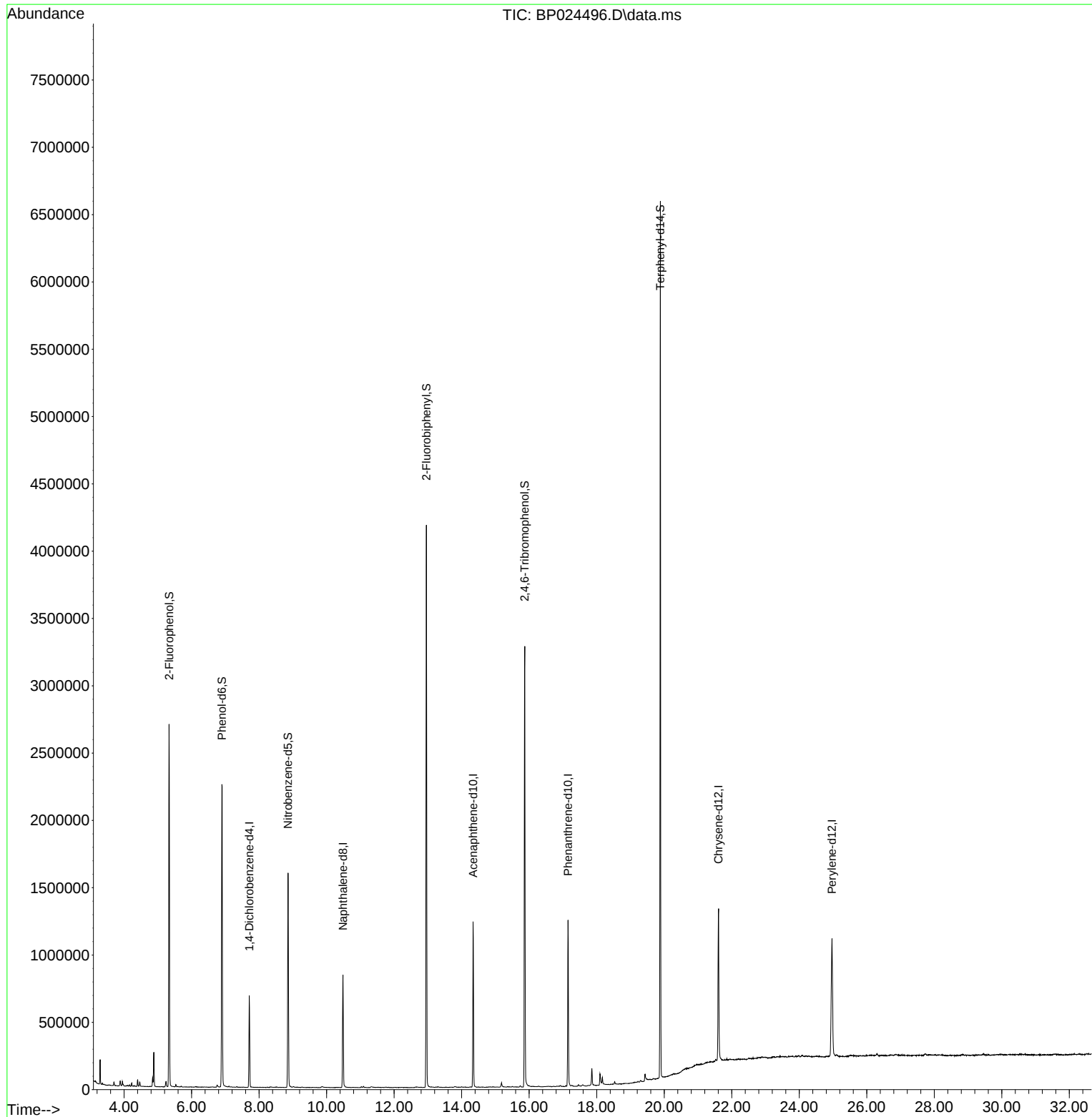
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

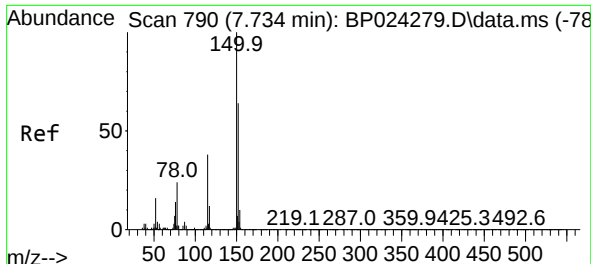
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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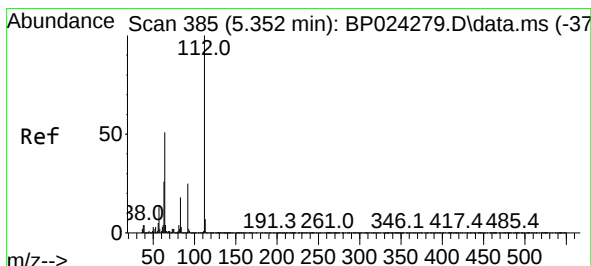
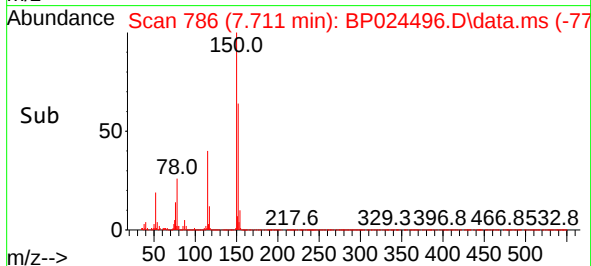
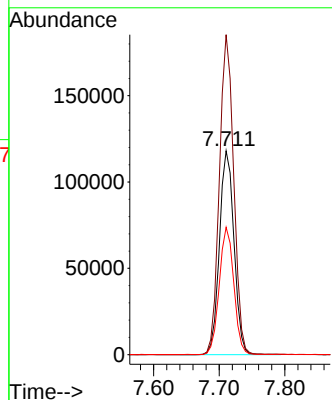
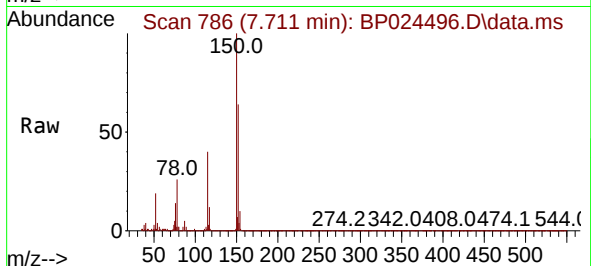




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.711 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BP024496.D  
 Acq: 01 May 2025 17:34

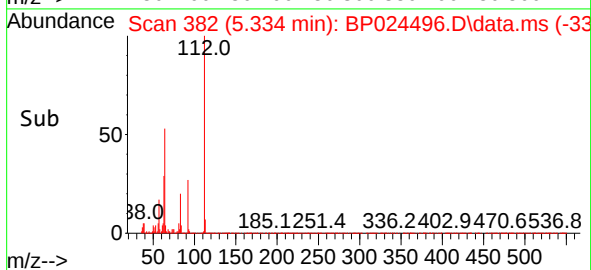
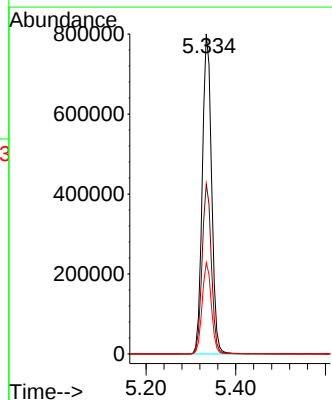
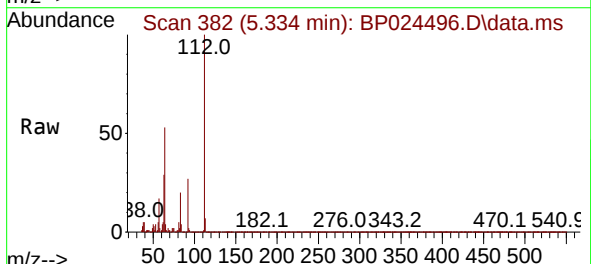
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-H

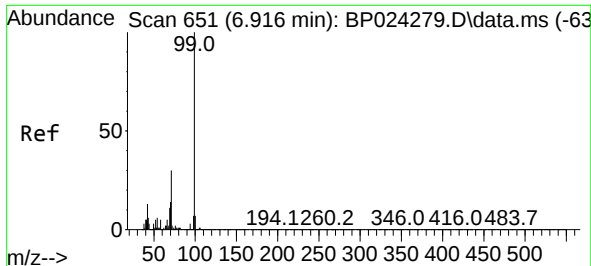
Tgt Ion:152 Resp: 181176  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 124.9 187.3  
 115 62.5 47.7 71.5



#5  
 2-Fluorophenol  
 Concen: 104.931 ng  
 RT: 5.334 min Scan# 382  
 Delta R.T. -0.012 min  
 Lab File: BP024496.D  
 Acq: 01 May 2025 17:34

Tgt Ion:112 Resp: 1149771  
 Ion Ratio Lower Upper  
 112 100  
 64 53.1 41.1 61.7  
 63 28.5 20.6 30.8





#7

Phenol-d6

Concen: 91.766 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024496.D

Acq: 01 May 2025 17:34

Instrument :

BNA\_P

ClientSampleId :

MH-H

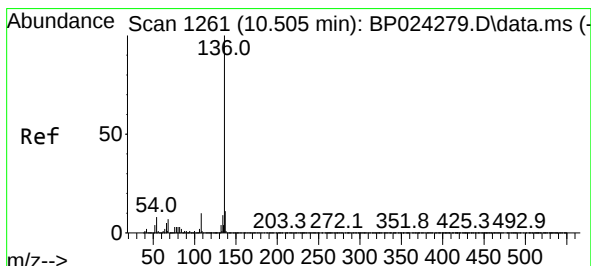
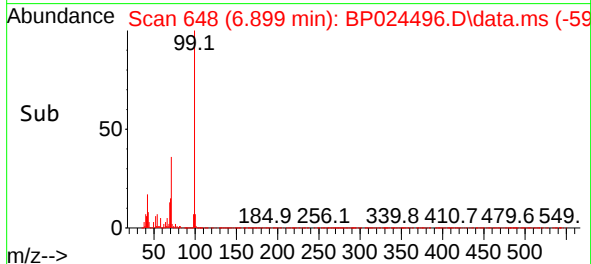
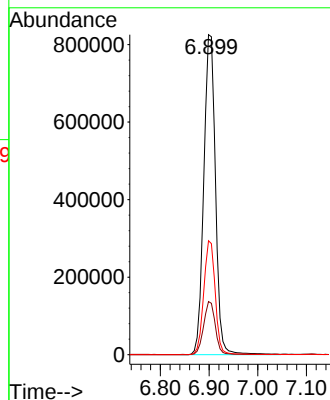
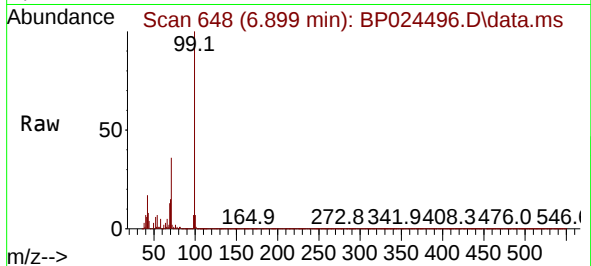
Tgt Ion: 99 Resp: 1376840

Ion Ratio Lower Upper

99 100

42 16.6 10.6 16.0#

71 35.6 23.7 35.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.487 min Scan# 1258

Delta R.T. -0.012 min

Lab File: BP024496.D

Acq: 01 May 2025 17:34

Tgt Ion:136 Resp: 691511

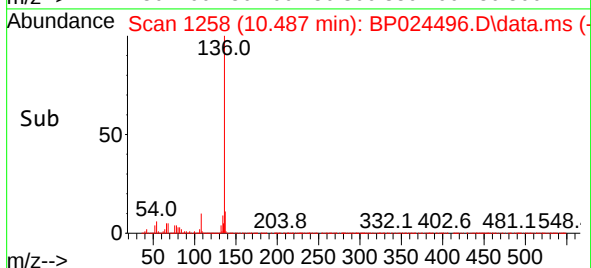
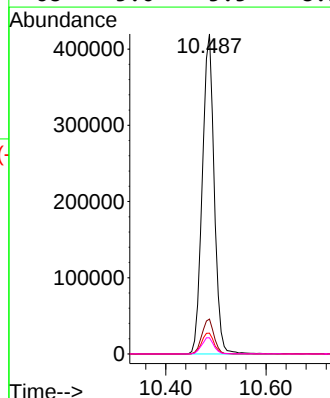
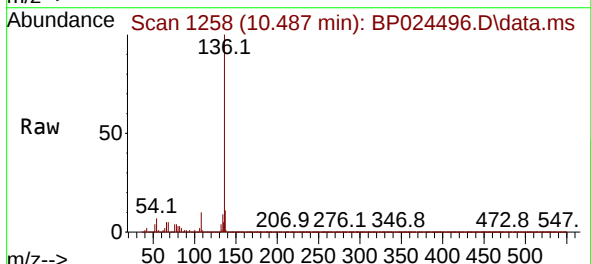
Ion Ratio Lower Upper

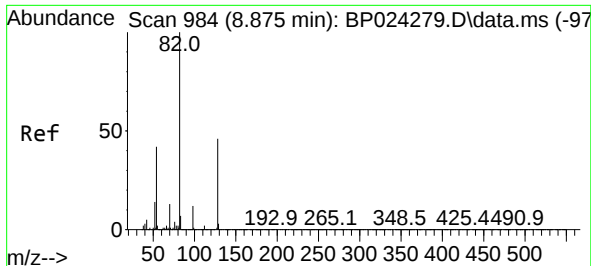
136 100

137 10.9 9.2 13.8

54 6.5 6.0 9.0

68 5.0 5.5 8.3#

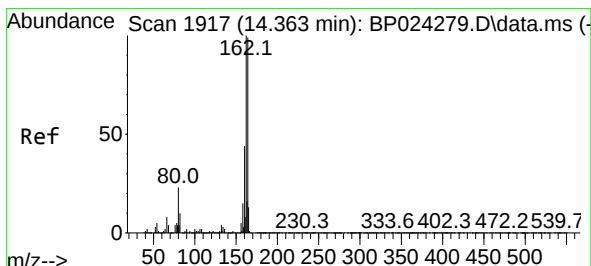
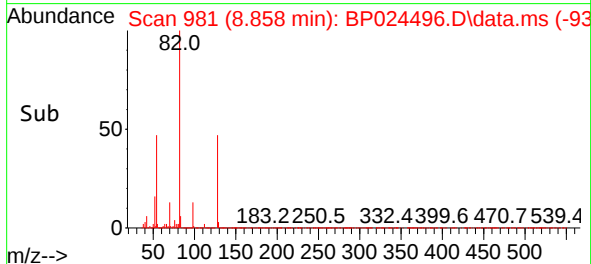
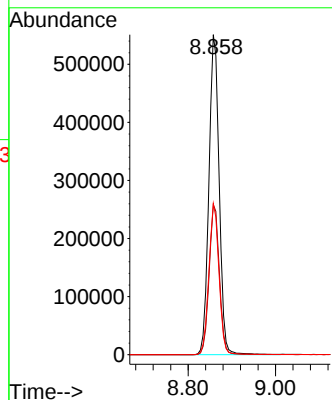
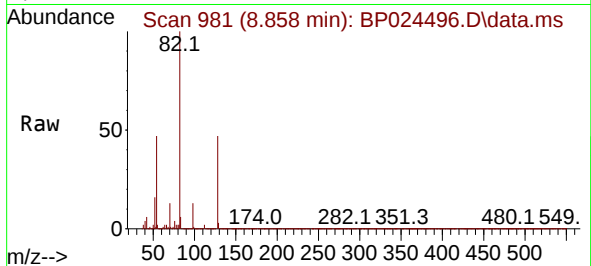




#23  
Nitrobenzene-d5  
Concen: 74.316 ng  
RT: 8.858 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

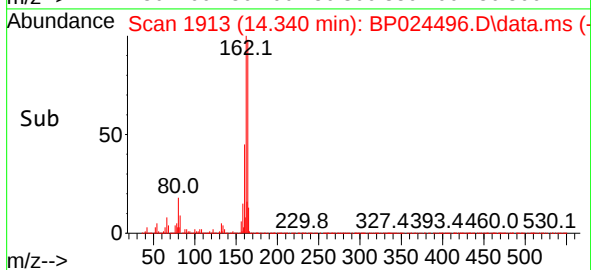
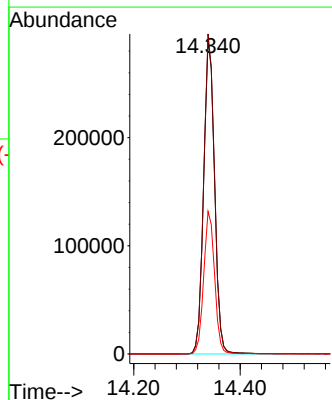
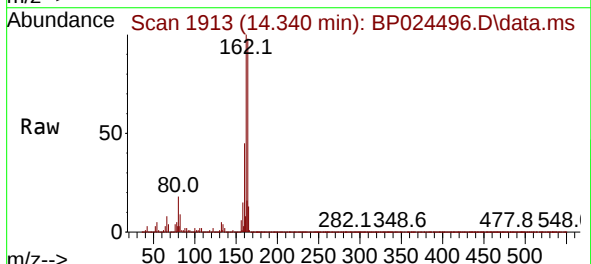
Instrument :  
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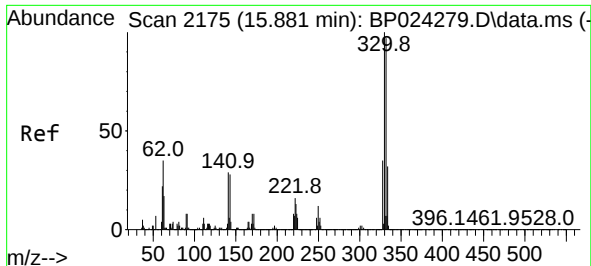
Tgt Ion: 82 Resp: 901245  
Ion Ratio Lower Upper  
82 100  
128 46.9 36.5 54.7  
54 47.2 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.012 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

Tgt Ion: 164 Resp: 413811  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.6 120.8  
160 45.4 35.3 52.9

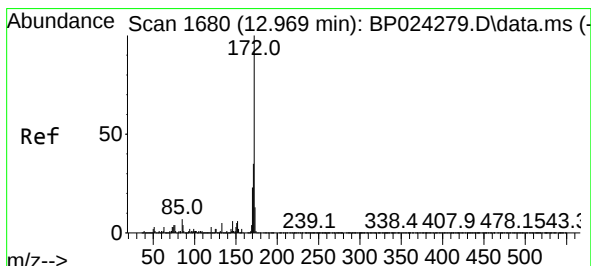
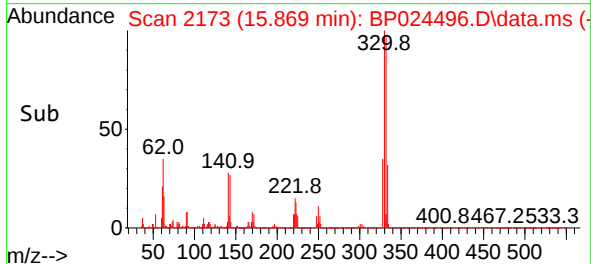
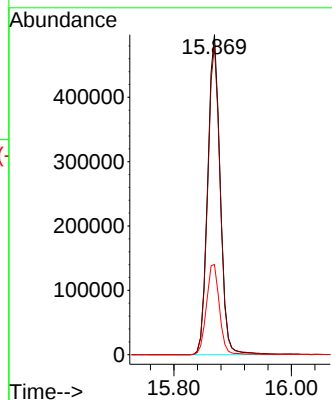
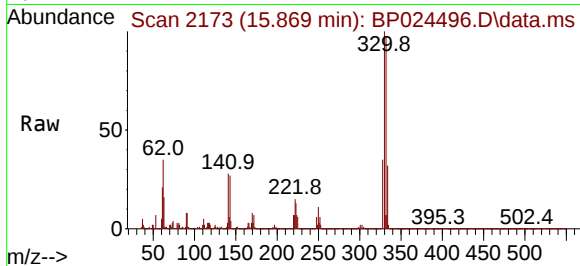




#42  
2,4,6-Tribromophenol  
Concen: 127.582 ng  
RT: 15.869 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

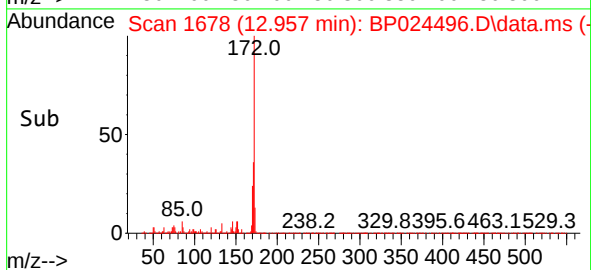
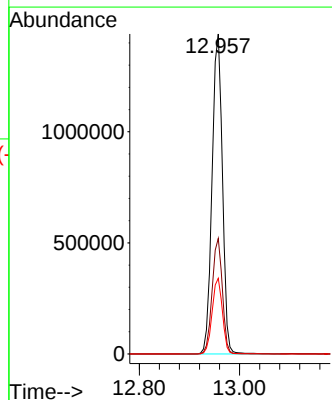
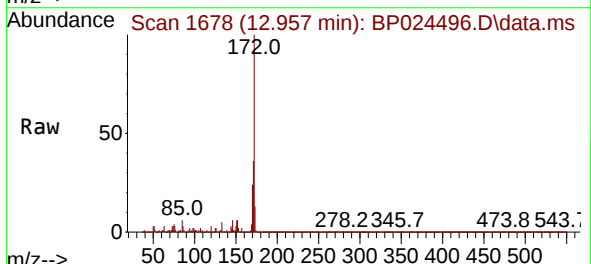
Instrument :  
BNA\_P  
ClientSampleId :  
MH-H

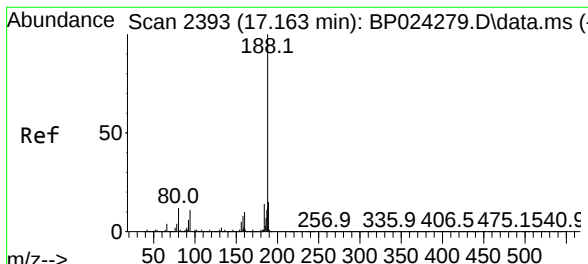
Tgt Ion:330 Resp: 730442  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.1 115.7  
141 29.4 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 76.541 ng  
RT: 12.957 min Scan# 1678  
Delta R.T. -0.006 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

Tgt Ion:172 Resp: 2068670  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.2 42.2  
170 23.7 18.6 27.8

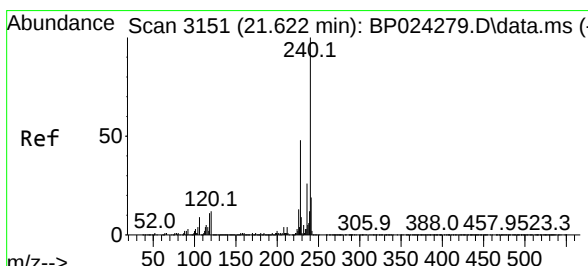
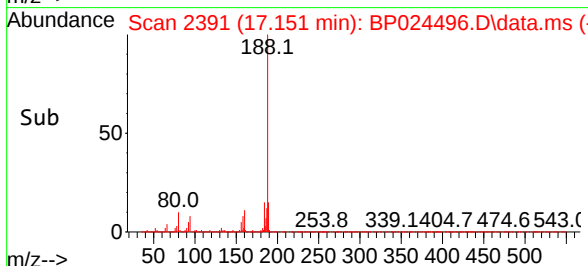
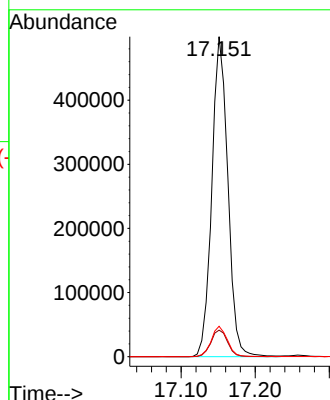
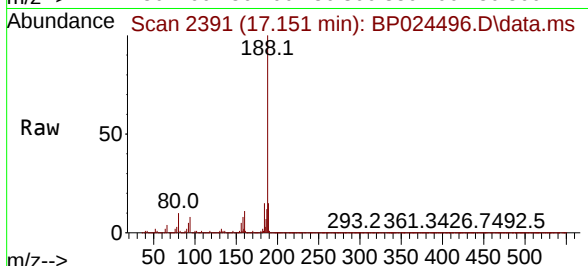




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.151 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

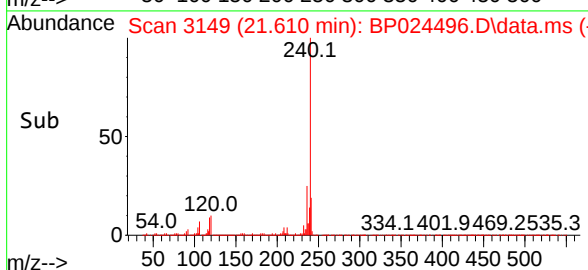
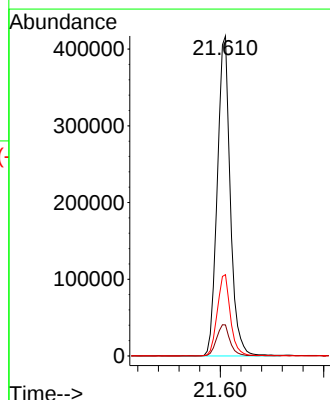
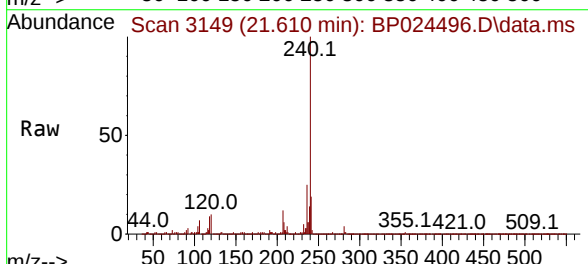
Instrument :  
BNA\_P  
ClientSampleId :  
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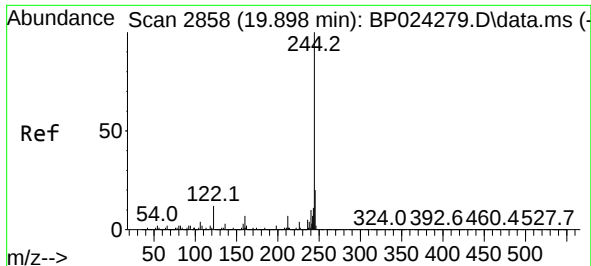
Tgt Ion:188 Resp: 748357  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.6 13.0#  
80 9.5 9.8 14.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.610 min Scan# 3149  
Delta R.T. 0.018 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

Tgt Ion:240 Resp: 725779  
Ion Ratio Lower Upper  
240 100  
120 9.7 9.8 14.8#  
236 25.4 20.9 31.3

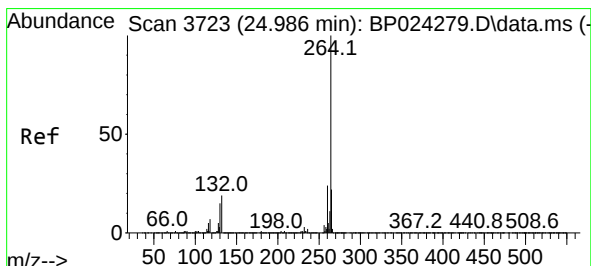
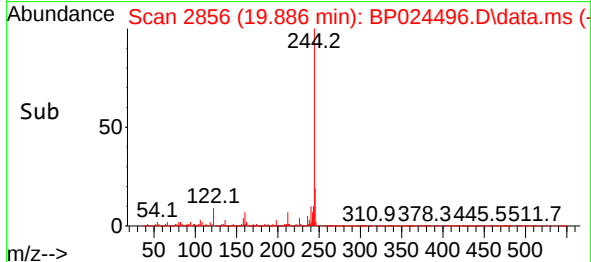
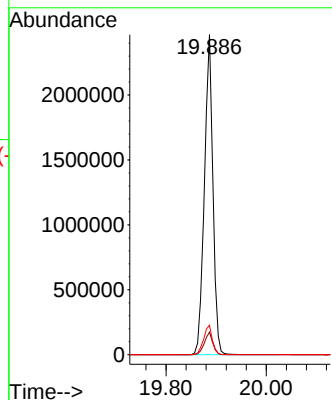
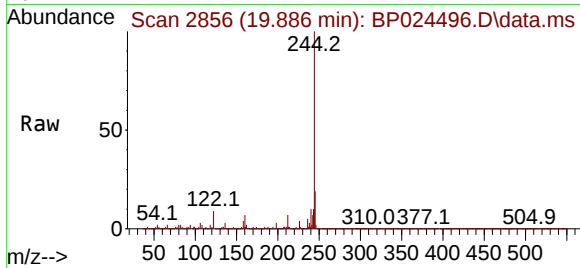




#79  
Terphenyl-d14  
Concen: 80.778 ng  
RT: 19.886 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

Instrument :  
BNA\_P  
ClientSampleId :  
MH-H

Tgt Ion:244 Resp: 2908592  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.6 8.4  
122 9.2 9.4 14.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.969 min Scan# 3720  
Delta R.T. 0.035 min  
Lab File: BP024496.D  
Acq: 01 May 2025 17:34

Tgt Ion:264 Resp: 948217  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.9 28.3  
265 21.9 17.8 26.6

