

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041825\  
 Data File : BP024342.D  
 Acq On : 18 Apr 2025 14:41  
 Operator : RC/JU  
 Sample : Q1825-04DL 20X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-10DL

Quant Time: Apr 18 15:23:57 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

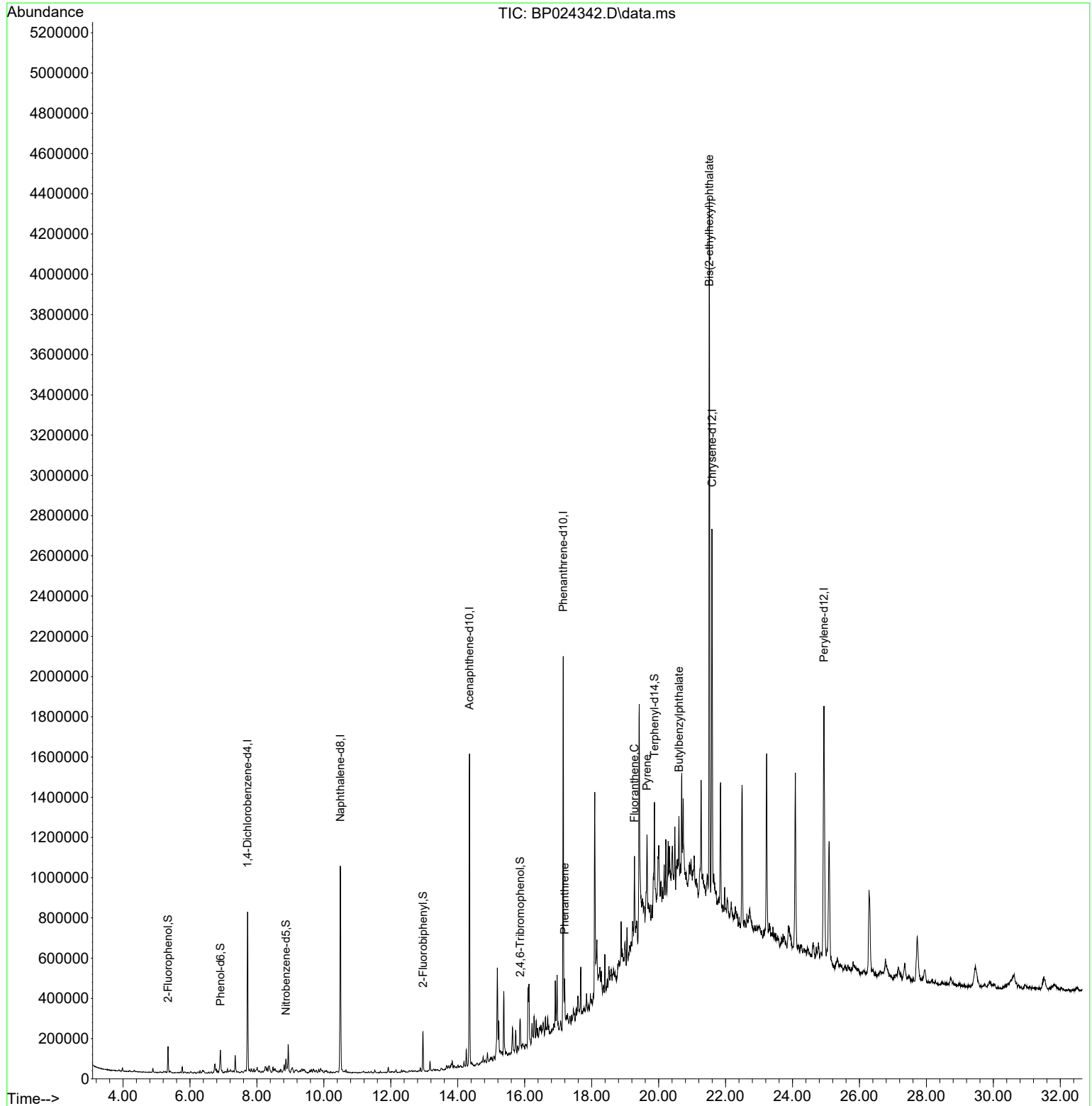
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.722  | 152  | 216191   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.493 | 136  | 850680   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.351 | 164  | 516785   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.151 | 188  | 985118   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.598 | 240  | 1097285  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.939 | 264  | 1347132  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 57789    | 4.420  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.910  | 99   | 71162    | 3.975  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.869  | 82   | 41511    | 2.782  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.869 | 330  | 32434    | 4.536  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.963 | 172  | 102393   | 3.034  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.874 | 244  | 188836   | 3.469  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene              | 17.192 | 178  | 131632   | 2.449  | ng    | 96       |
| 75) Fluoranthene              | 19.274 | 202  | 188068   | 2.942  | ng    | 99       |
| 78) Pyrene                    | 19.651 | 202  | 172761   | 2.477  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.610 | 149  | 67905    | 2.273  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.515 | 149  | 1725279  | 39.402 | ng    | 100      |
| -----                         |        |      |          |        |       |          |

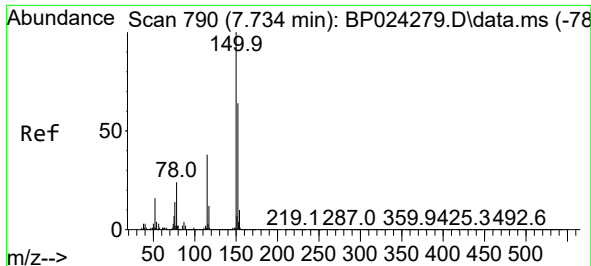
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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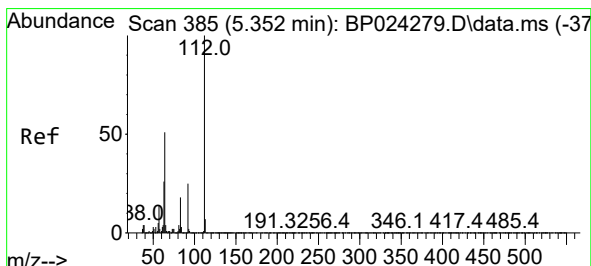
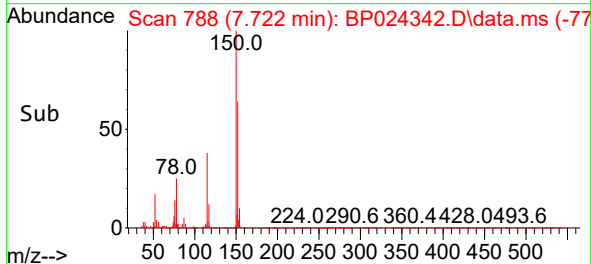
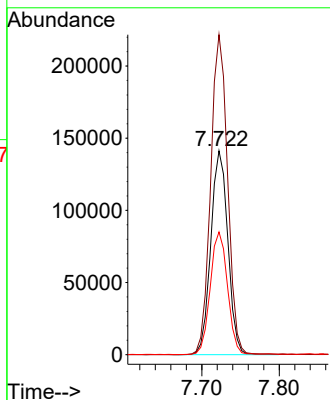
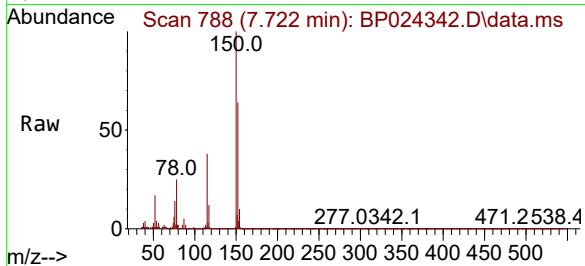




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.722 min Scan# 7  
 Delta R.T. 0.000 min  
 Lab File: BP024342.D  
 Acq: 18 Apr 2025 14:41

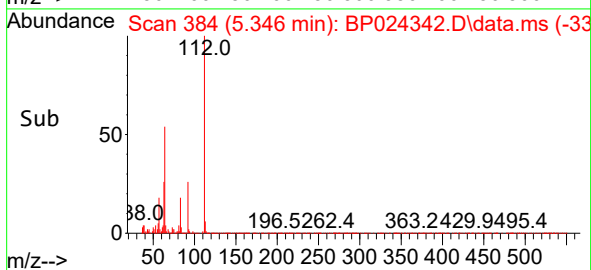
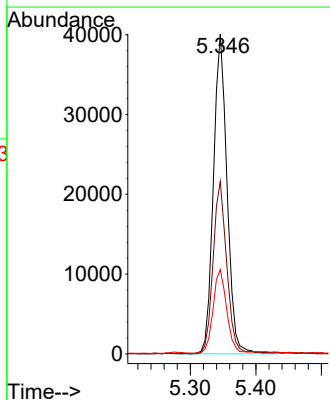
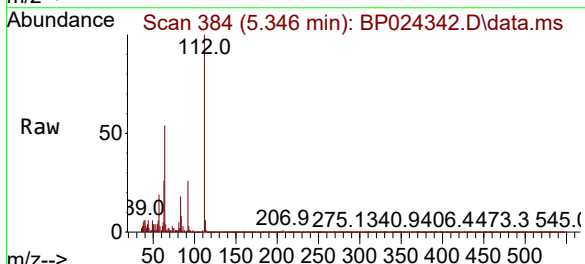
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-10DL

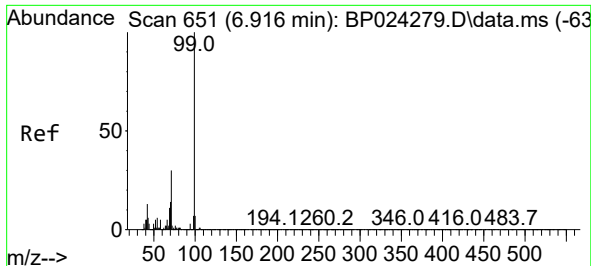
Tgt Ion:152 Resp: 216191  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 124.9 187.3  
 115 60.2 47.7 71.5



#5  
 2-Fluorophenol  
 Concen: 4.420 ng  
 RT: 5.346 min Scan# 384  
 Delta R.T. -0.000 min  
 Lab File: BP024342.D  
 Acq: 18 Apr 2025 14:41

Tgt Ion:112 Resp: 57789  
 Ion Ratio Lower Upper  
 112 100  
 64 53.9 41.1 61.7  
 63 26.4 20.6 30.8

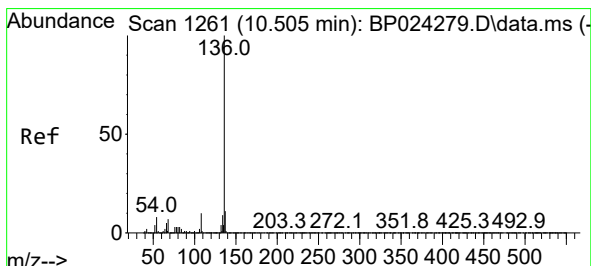
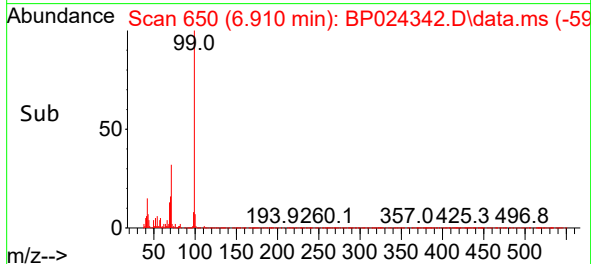
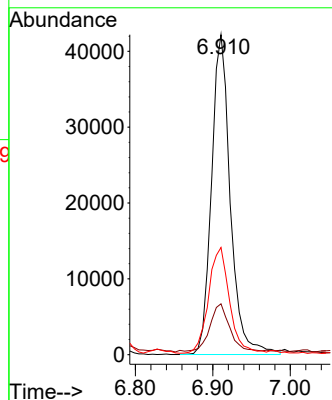
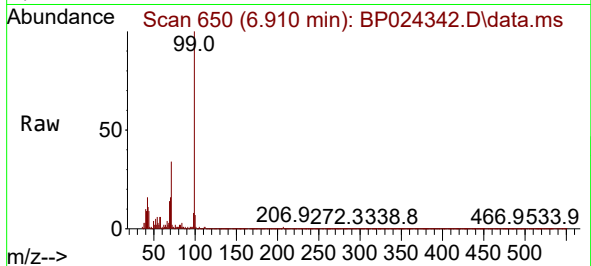




#7  
Phenol-d6  
Concen: 3.975 ng  
RT: 6.910 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

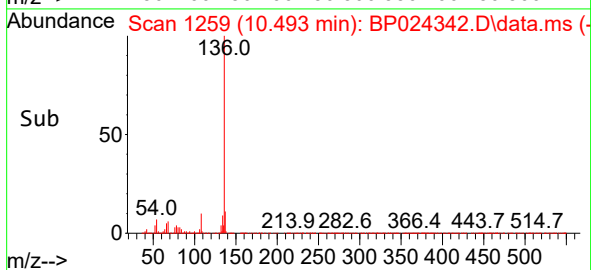
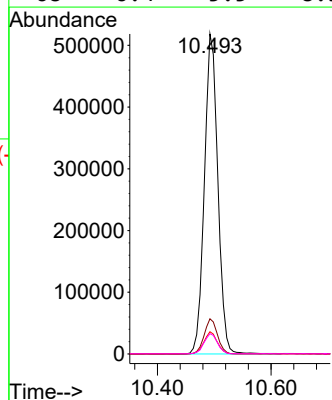
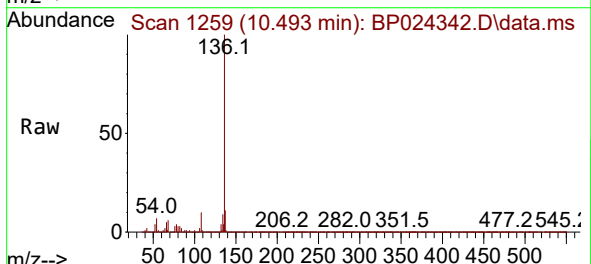
Instrument :  
BNA\_P  
ClientSampleId :  
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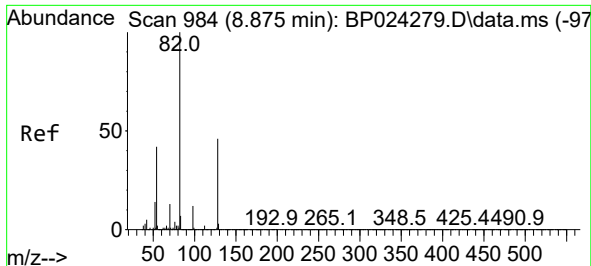
Tgt Ion: 99 Resp: 71162  
Ion Ratio Lower Upper  
99 100  
42 15.9 10.6 16.0  
71 33.5 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

Tgt Ion: 136 Resp: 850680  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 6.9 6.0 9.0  
68 6.4 5.5 8.3

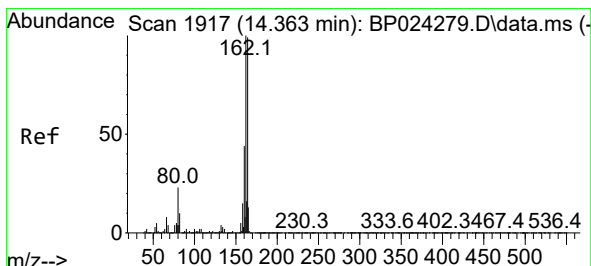
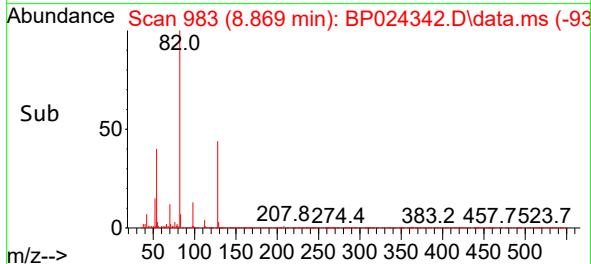
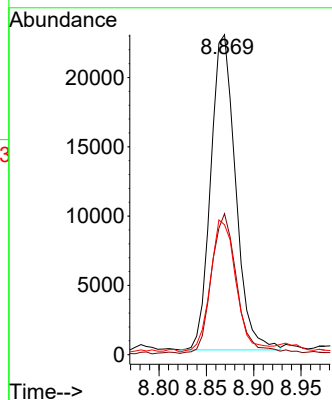
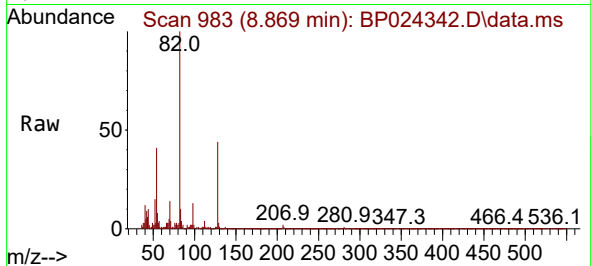




#23  
Nitrobenzene-d5  
Concen: 2.782 ng  
RT: 8.869 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

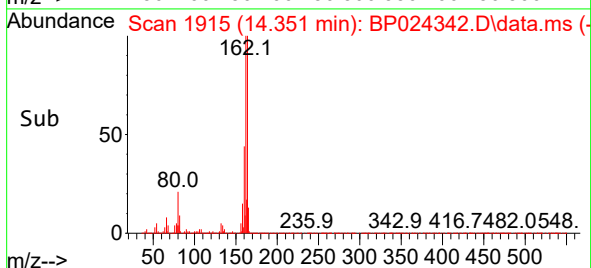
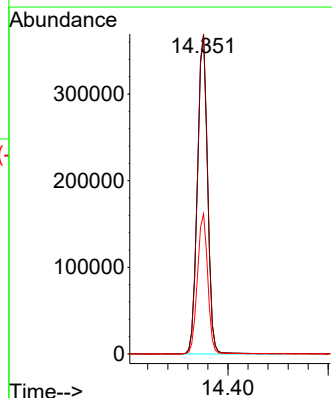
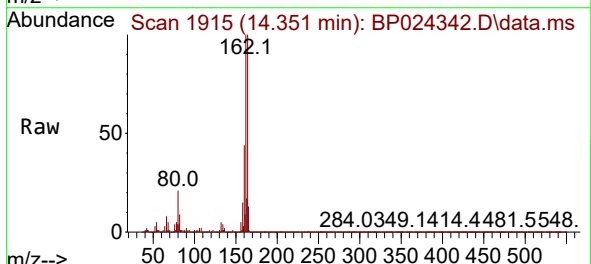
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10DL

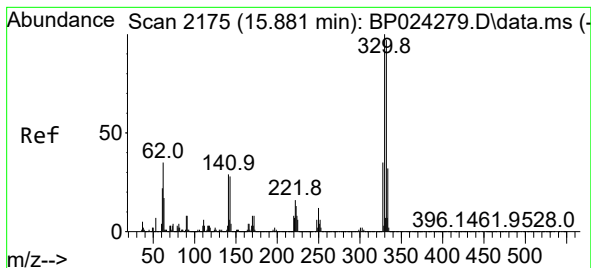
Tgt Ion: 82 Resp: 41511  
Ion Ratio Lower Upper  
82 100  
128 44.1 36.5 54.7  
54 40.6 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

Tgt Ion: 164 Resp: 516785  
Ion Ratio Lower Upper  
164 100  
162 100.1 80.6 120.8  
160 43.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 4.536 ng

RT: 15.869 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

TP-10DL

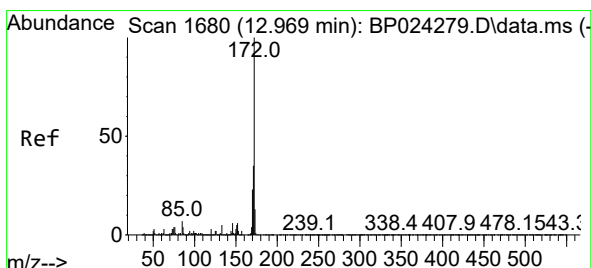
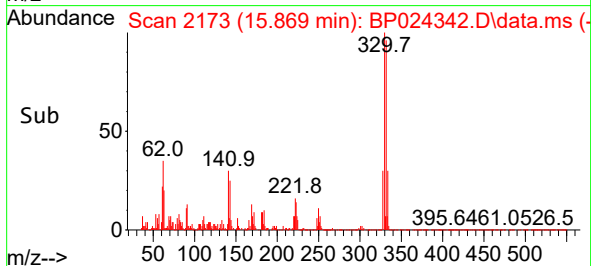
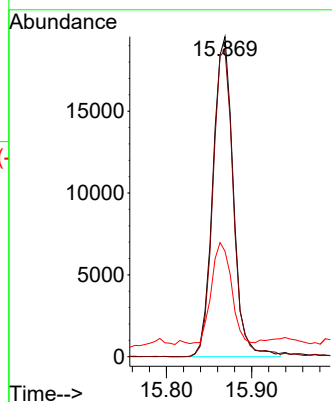
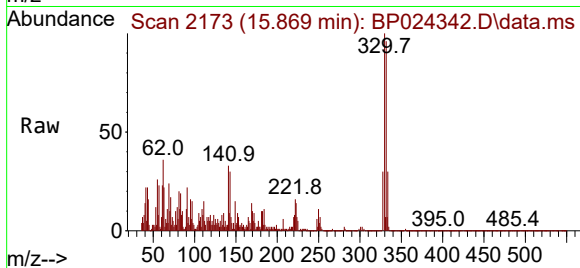
Tgt Ion: 330 Resp: 32434

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 31.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 3.034 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

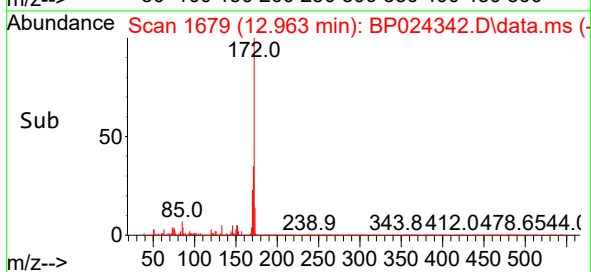
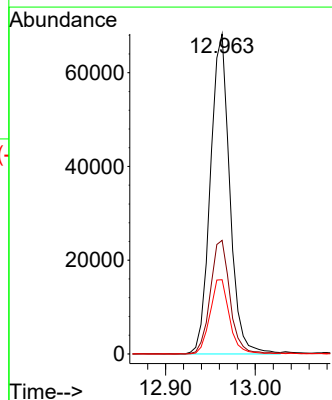
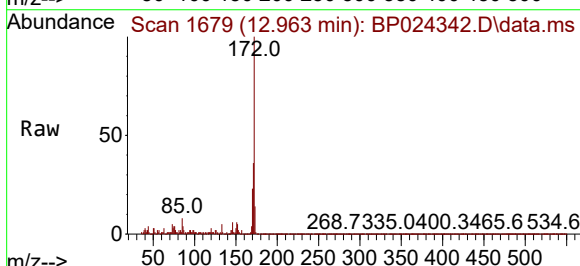
Tgt Ion: 172 Resp: 102393

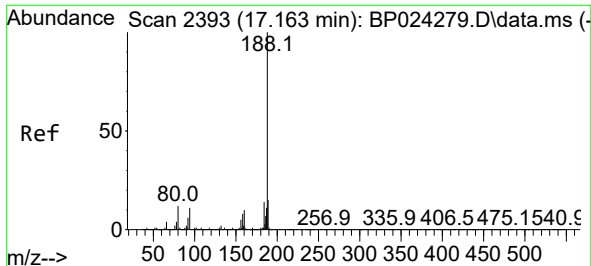
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 18.6 27.8

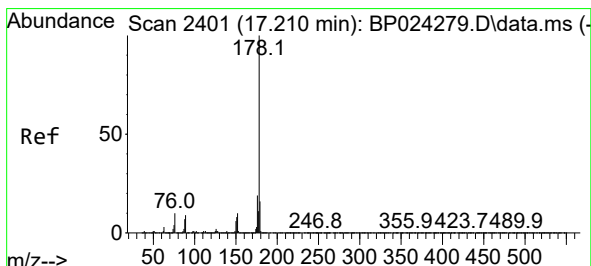
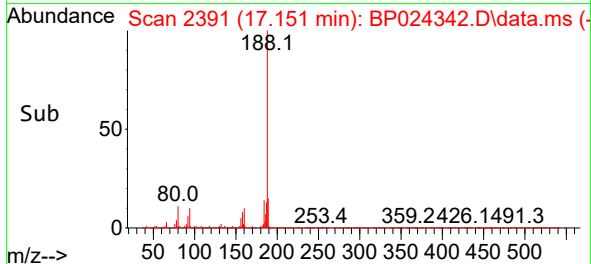
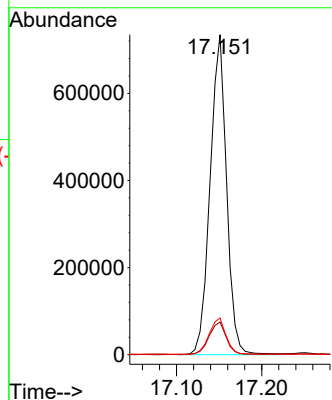
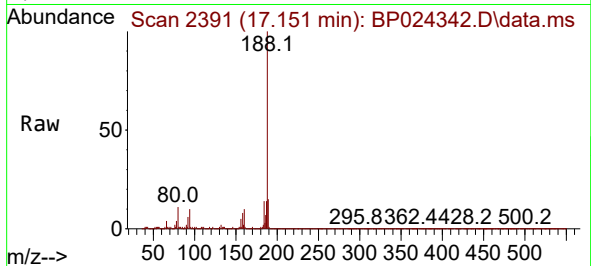




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.151 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

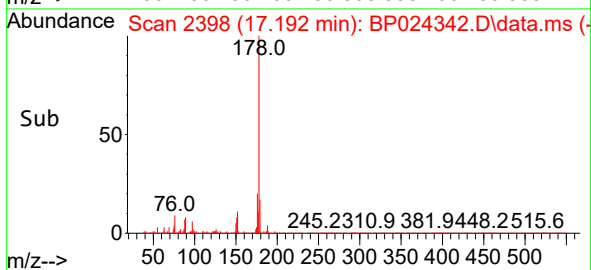
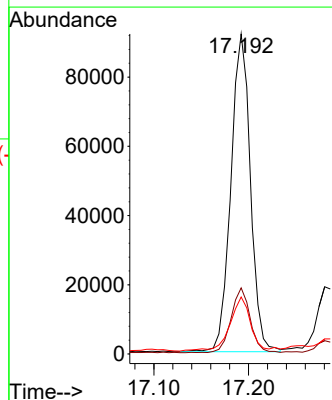
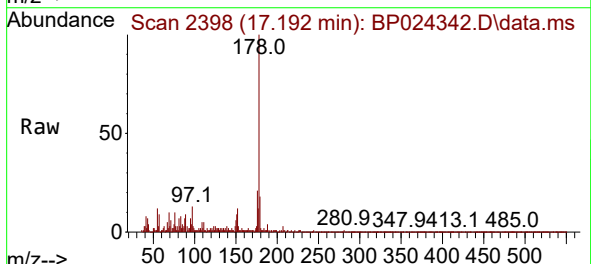
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10DL

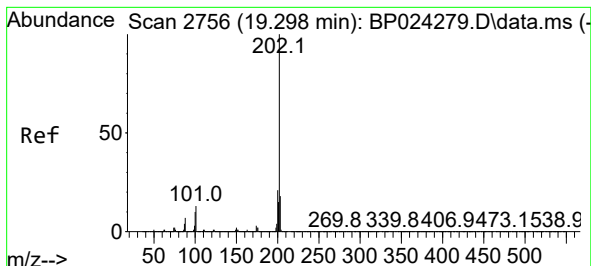
Tgt Ion:188 Resp: 985118  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.6 13.0  
80 11.5 9.8 14.6



#71  
Phenanthrene  
Concen: 2.449 ng  
RT: 17.192 min Scan# 2398  
Delta R.T. -0.000 min  
Lab File: BP024342.D  
Acq: 18 Apr 2025 14:41

Tgt Ion:178 Resp: 131632  
Ion Ratio Lower Upper  
178 100  
176 20.6 15.4 23.0  
179 17.8 12.5 18.7





#75

Fluoranthene

Concen: 2.942 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

TP-10DL

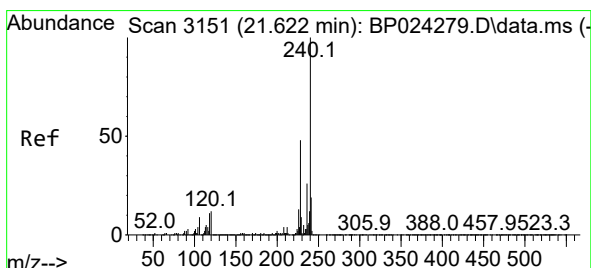
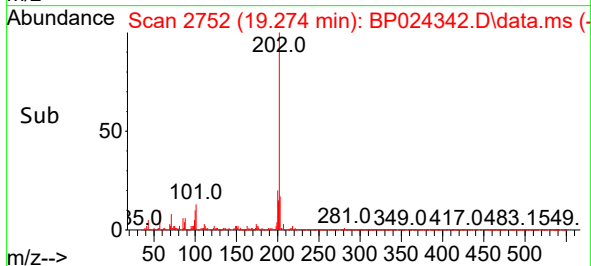
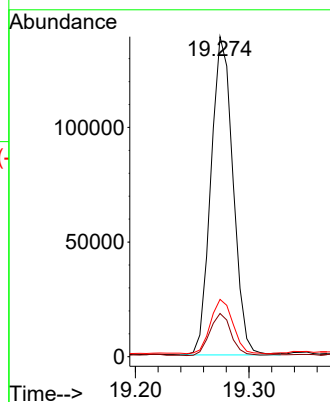
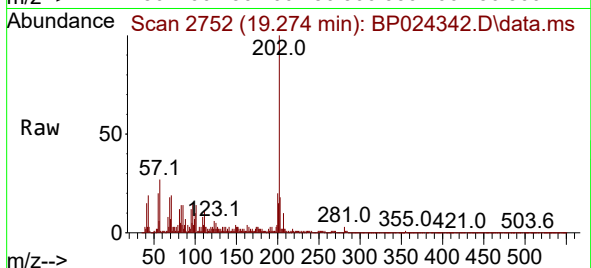
Tgt Ion:202 Resp: 188068

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

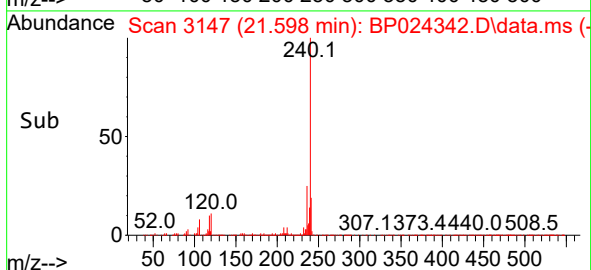
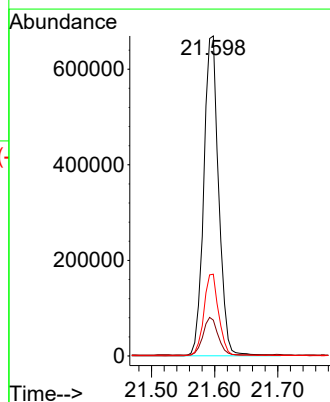
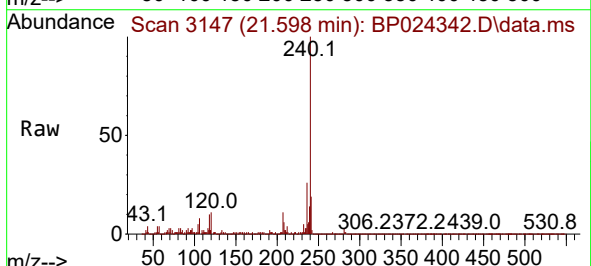
Tgt Ion:240 Resp: 1097285

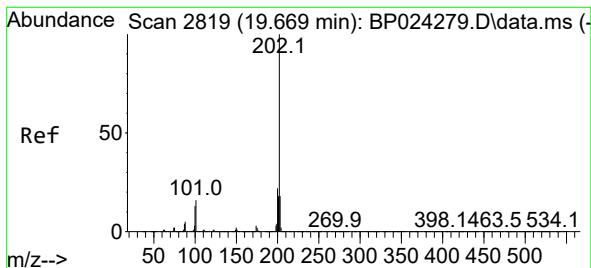
Ion Ratio Lower Upper

240 100

120 11.2 9.8 14.8

236 25.5 20.9 31.3





#78

Pyrene

Concen: 2.477 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

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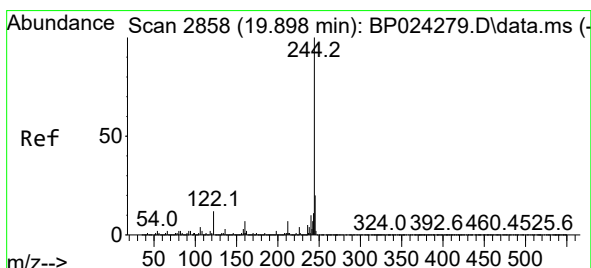
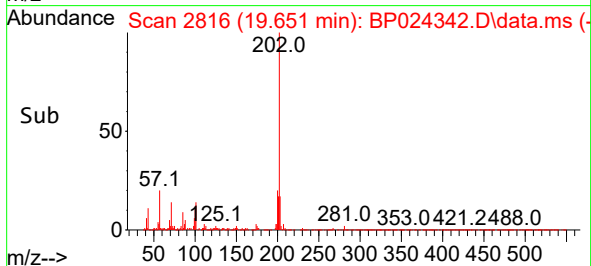
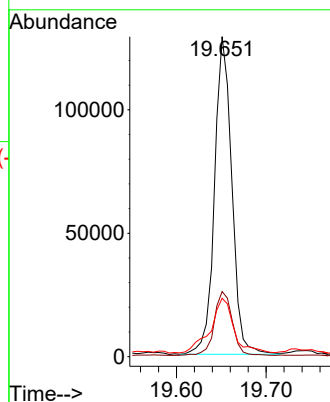
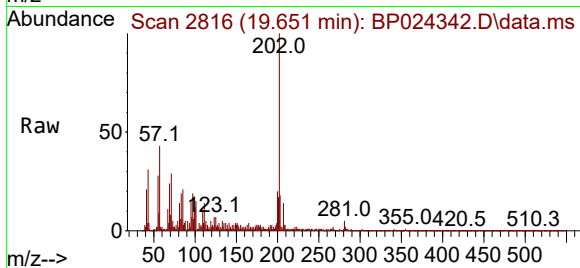
Tgt Ion:202 Resp: 172761

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 18.3 14.4 21.6



#79

Terphenyl-d14

Concen: 3.469 ng

RT: 19.874 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

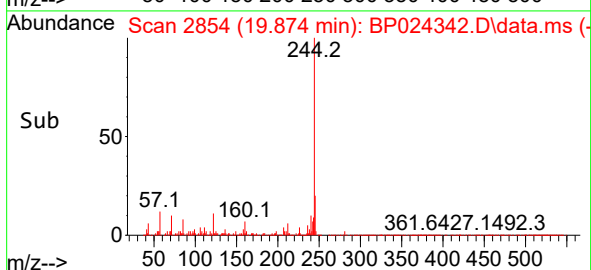
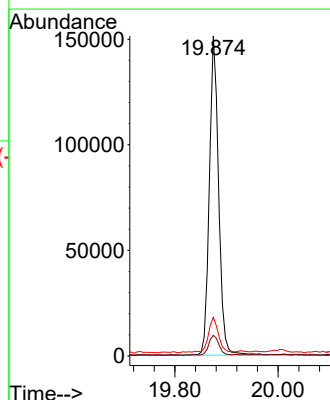
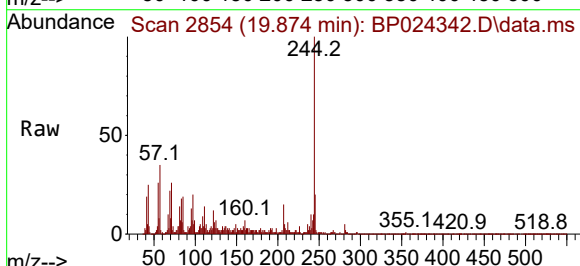
Tgt Ion:244 Resp: 188836

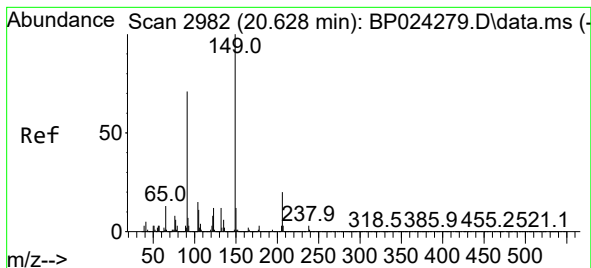
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 12.1 9.4 14.0





#80

Butylbenzylphthalate

Concen: 2.273 ng

RT: 20.610 min Scan# 2982

Delta R.T. 0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

TP-10DL

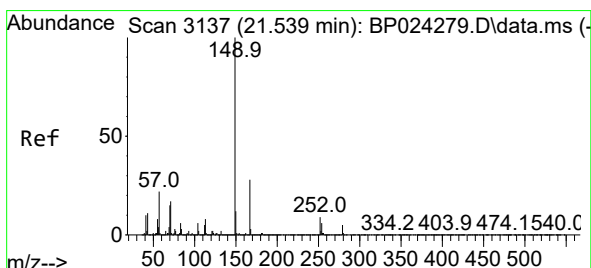
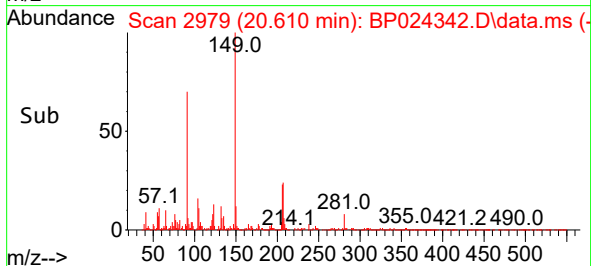
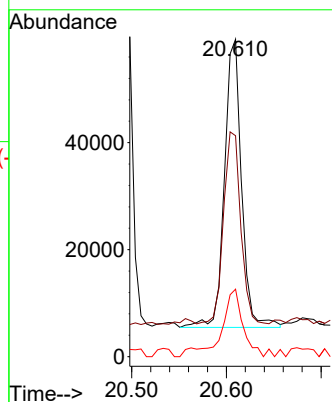
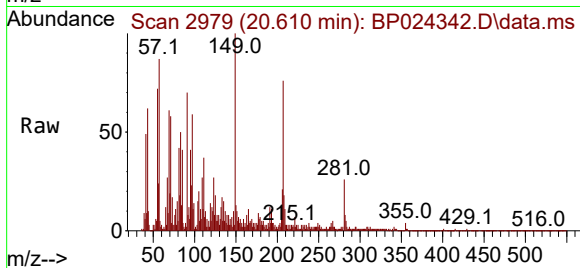
Tgt Ion:149 Resp: 67905

Ion Ratio Lower Upper

149 100

91 69.6 56.4 84.6

206 21.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.402 ng

RT: 21.515 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

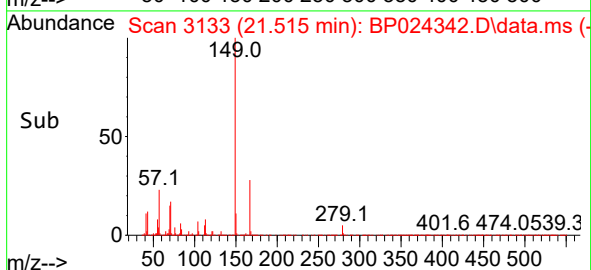
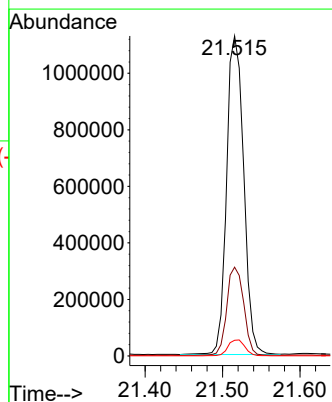
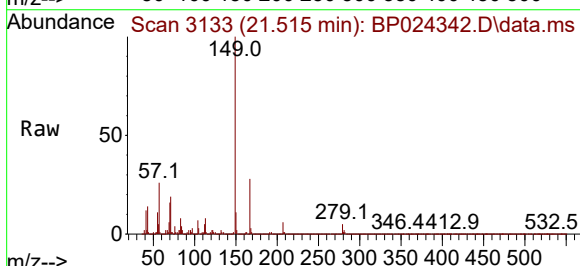
Tgt Ion:149 Resp: 1725279

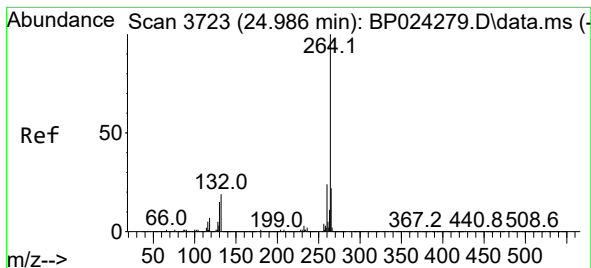
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 4.9 4.0 6.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024342.D

Acq: 18 Apr 2025 14:41

Instrument :

BNA\_P

ClientSampleId :

TP-10DL

Tgt Ion:264 Resp: 1347132

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.9 17.8 26.6

