

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042425\  
 Data File : BP024414.D  
 Acq On : 24 Apr 2025 19:18  
 Operator : RC/JU  
 Sample : Q1852-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ETGI-278

Quant Time: Apr 25 01:02:42 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   | 7.716  | 152  | 158189   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.481 | 136  | 617677   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.340 | 164  | 352689   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.151 | 188  | 822230   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.574 | 240  | 1008834  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.933 | 264  | 272224   | 20.000  | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 1219629  | 127.481 | ng    | 0.00     |
| 7) Phenol-d6                | 6.905  | 99   | 1434047  | 109.468 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.863  | 82   | 947054   | 87.428  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 795818   | 163.089 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.951 | 172  | 2076174  | 90.132  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.880 | 244  | 4413545  | 88.182  | ng    | 0.00     |

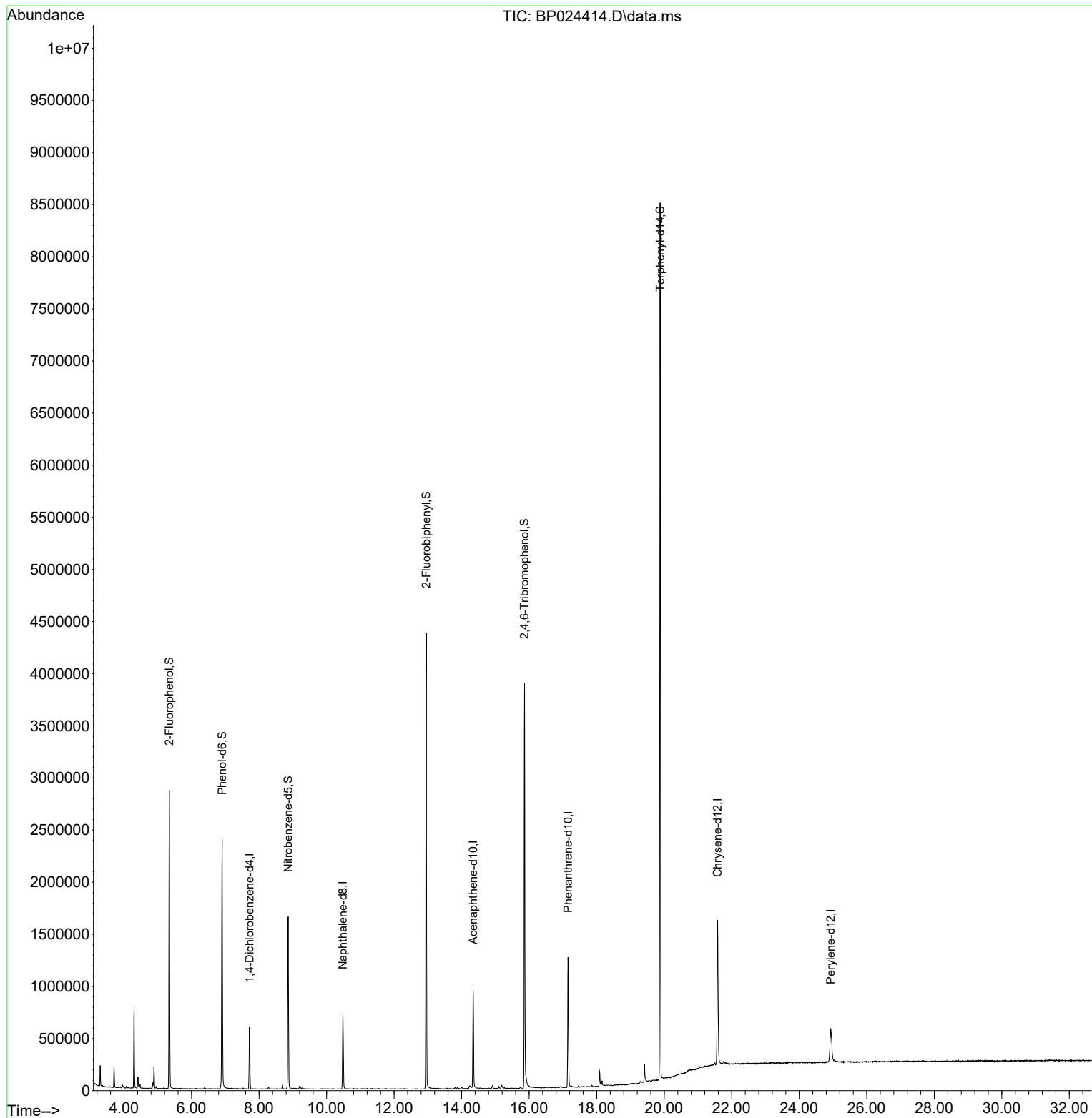
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

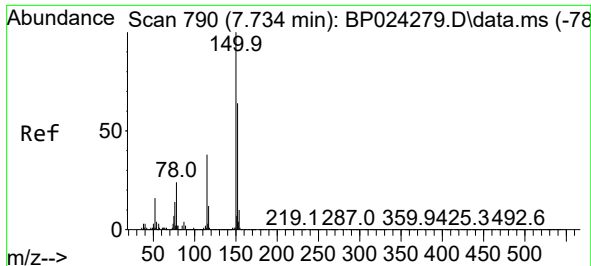
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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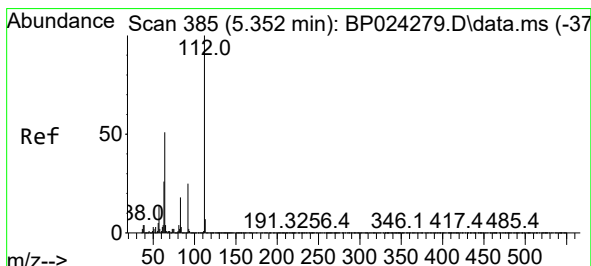
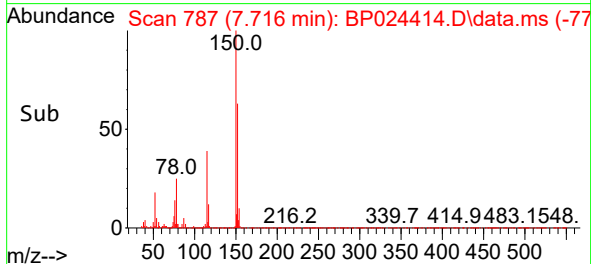
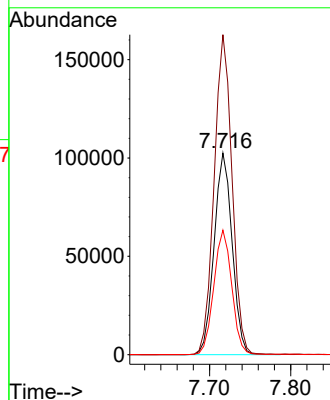
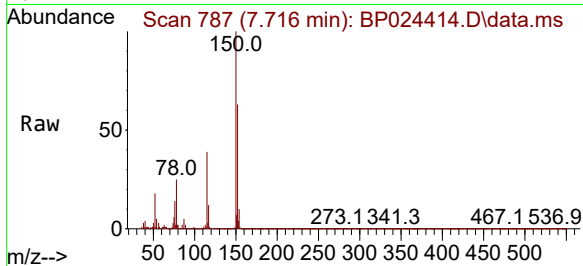




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.716 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

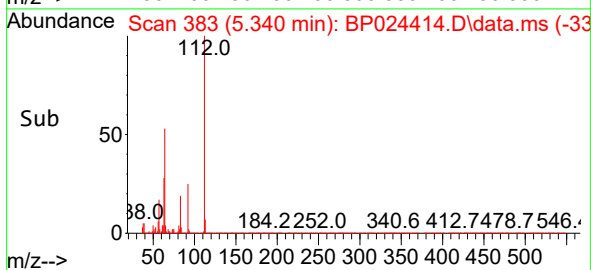
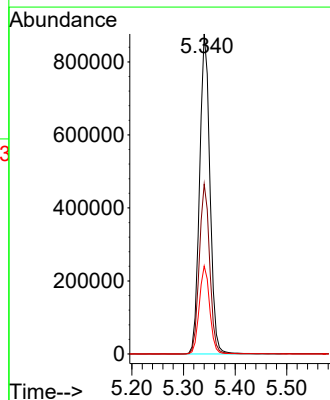
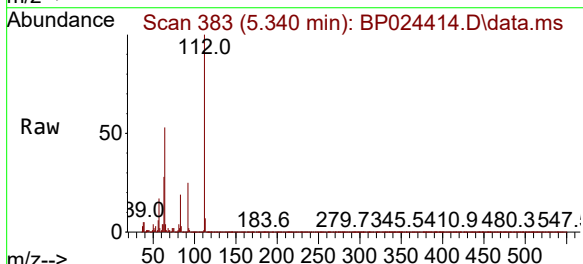
Instrument :  
BNA\_P  
ClientSampleId :  
ETGI-278

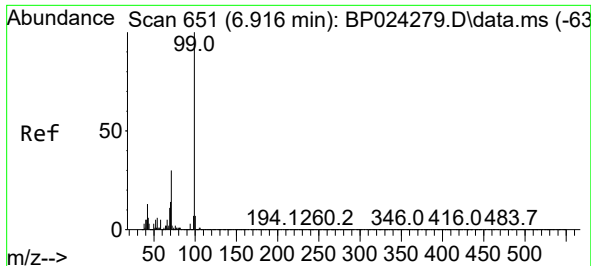
Tgt Ion:152 Resp: 158189  
Ion Ratio Lower Upper  
152 100  
150 158.7 124.9 187.3  
115 61.7 47.7 71.5



#5  
2-Fluorophenol  
Concen: 127.481 ng  
RT: 5.340 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

Tgt Ion:112 Resp: 1219629  
Ion Ratio Lower Upper  
112 100  
64 53.1 41.1 61.7  
63 27.5 20.6 30.8

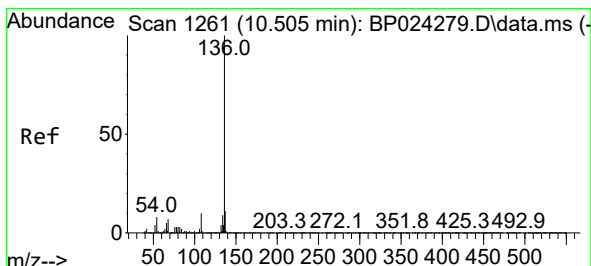
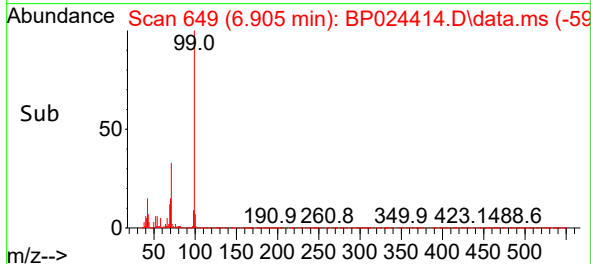
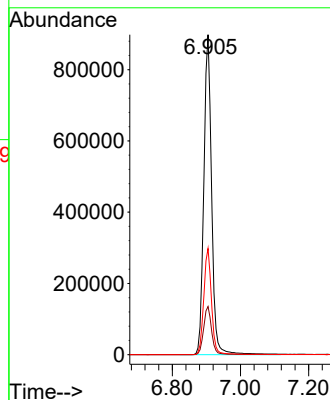
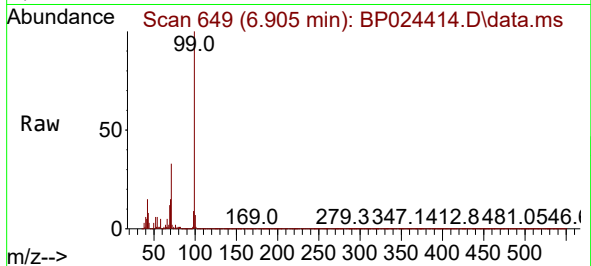




#7  
Phenol-d6  
Concen: 109.468 ng  
RT: 6.905 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

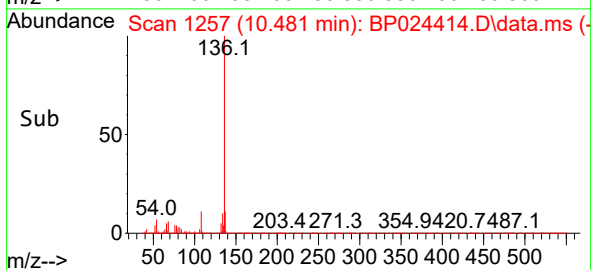
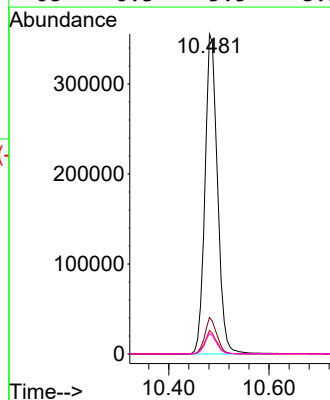
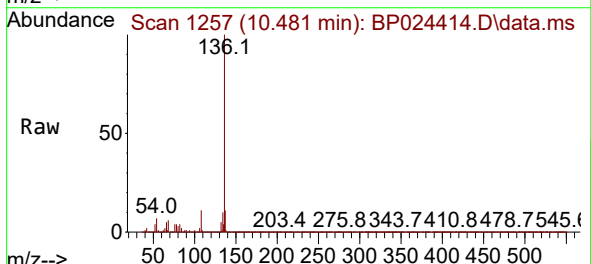
Instrument :  
BNA\_P  
ClientSampleId :  
ETGI-278

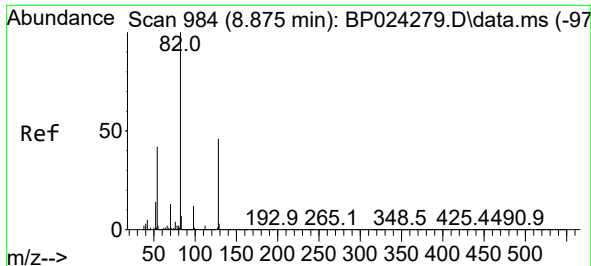
Tgt Ion: 99 Resp: 1434047  
Ion Ratio Lower Upper  
99 100  
42 15.0 10.6 16.0  
71 33.2 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.018 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

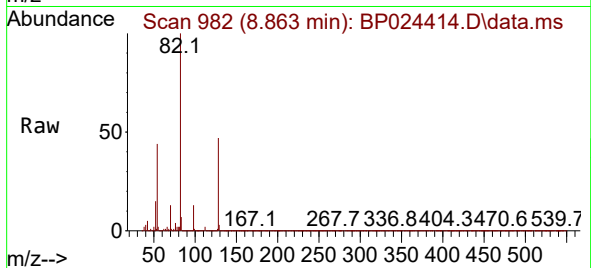
Tgt Ion: 136 Resp: 617677  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 7.4 6.0 9.0  
68 6.3 5.5 8.3



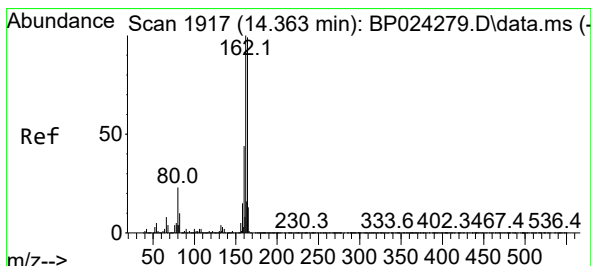
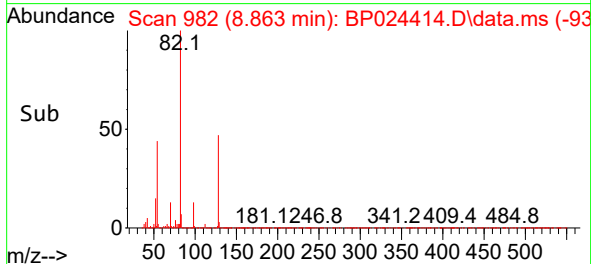
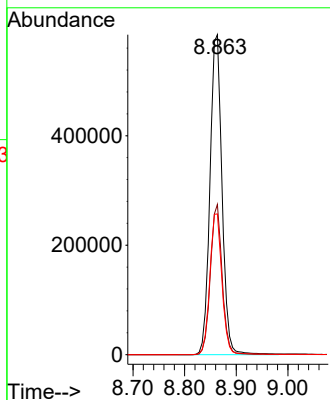


#23  
Nitrobenzene-d5  
Concen: 87.428 ng  
RT: 8.863 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

Instrument :  
BNA\_P  
ClientSampleId :  
ETGI-278

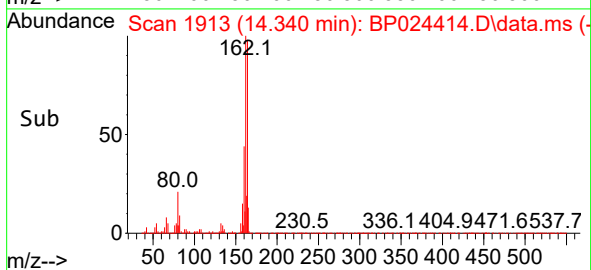
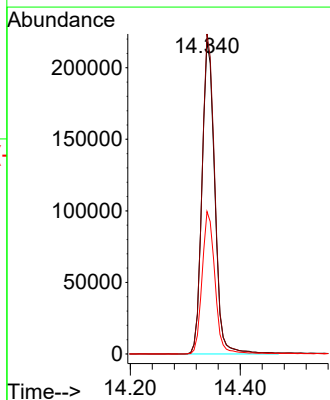
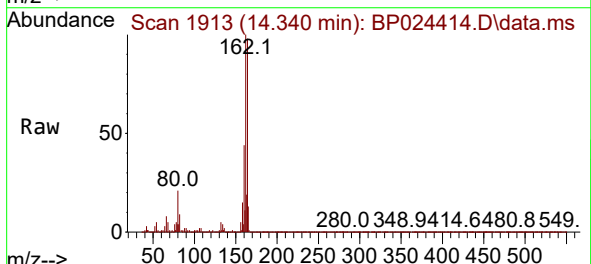


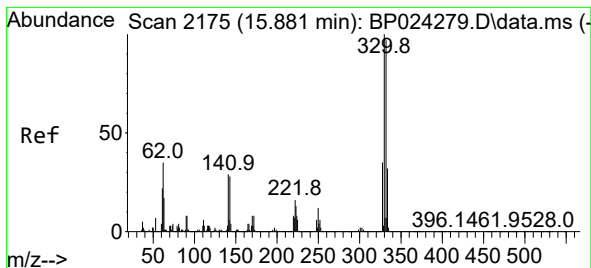
Tgt Ion: 82 Resp: 947054  
Ion Ratio Lower Upper  
82 100  
128 47.0 36.5 54.7  
54 44.0 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.012 min  
Lab File: BP024414.D  
Acq: 24 Apr 2025 19:18

Tgt Ion: 164 Resp: 352689  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.6 120.8  
160 45.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 163.089 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024414.D

Acq: 24 Apr 2025 19:18

Instrument :

BNA\_P

ClientSampleId :

ETGI-278

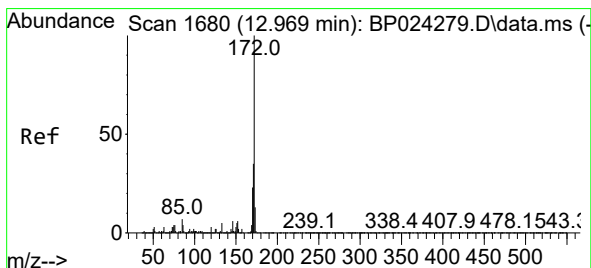
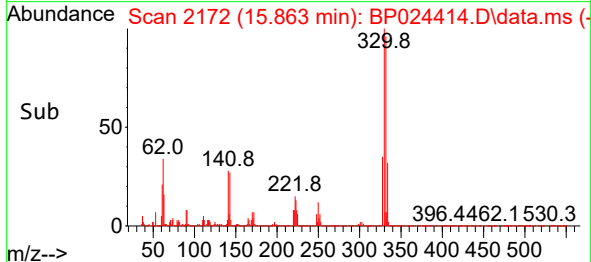
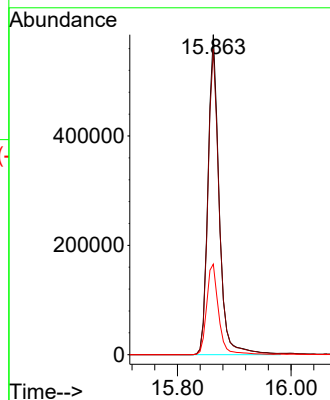
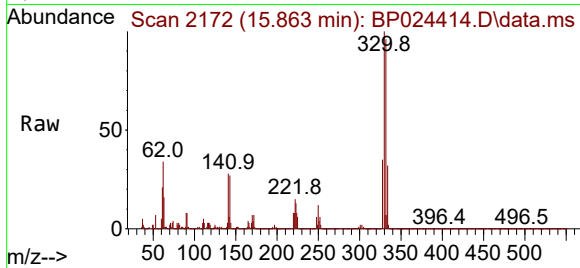
Tgt Ion:330 Resp: 795818

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.132 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024414.D

Acq: 24 Apr 2025 19:18

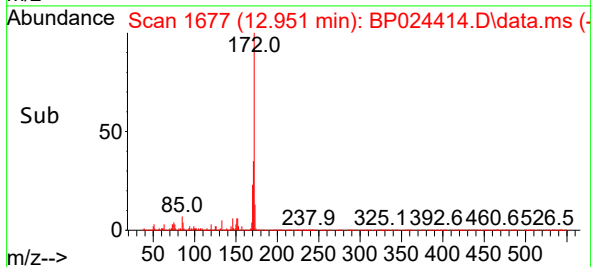
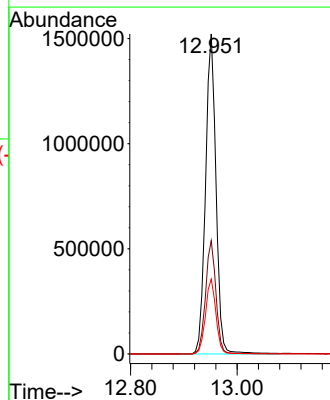
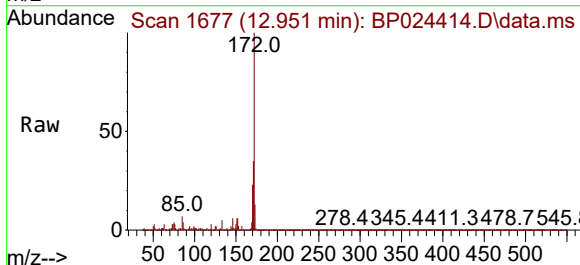
Tgt Ion:172 Resp: 2076174

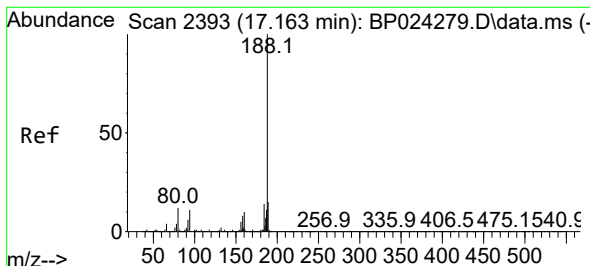
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 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: BP024414.D

Acq: 24 Apr 2025 19:18

Instrument :

BNA\_P

ClientSampleId :

ETGI-278

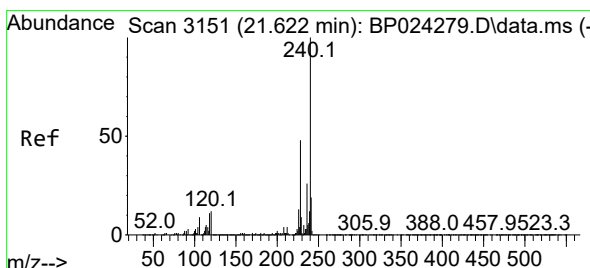
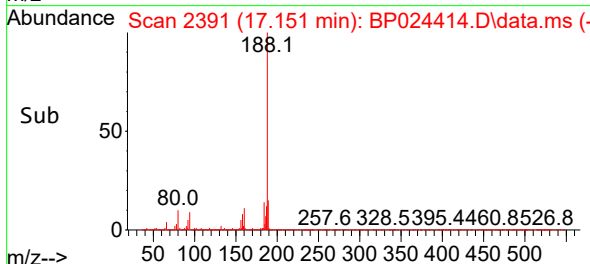
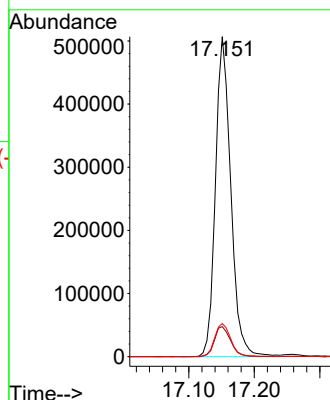
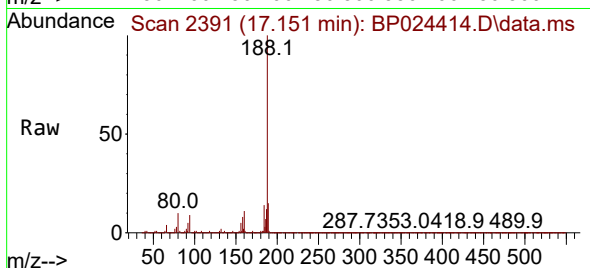
Tgt Ion:188 Resp: 822230

Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

80 10.3 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3143

Delta R.T. -0.018 min

Lab File: BP024414.D

Acq: 24 Apr 2025 19:18

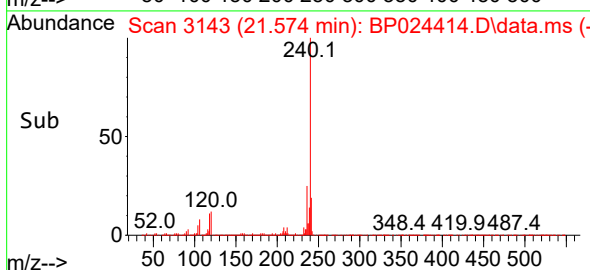
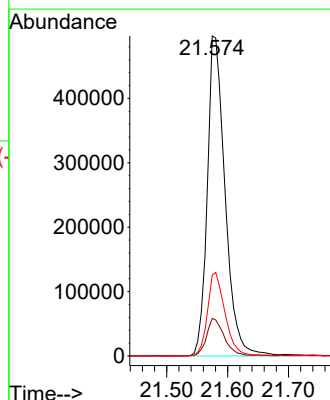
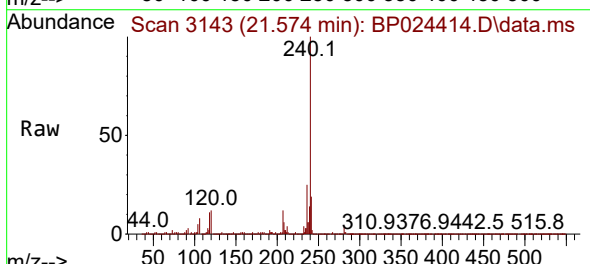
Tgt Ion:240 Resp: 1008834

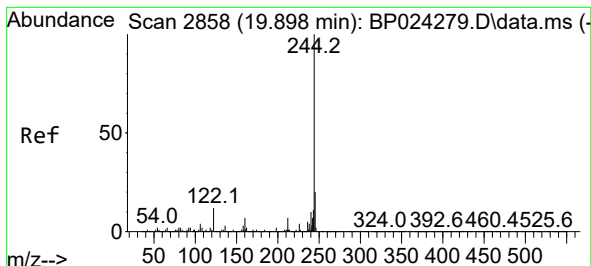
Ion Ratio Lower Upper

240 100

120 11.7 9.8 14.8

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 88.182 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024414.D

Acq: 24 Apr 2025 19:18

Instrument :

BNA\_P

ClientSampleId :

ETGI-278

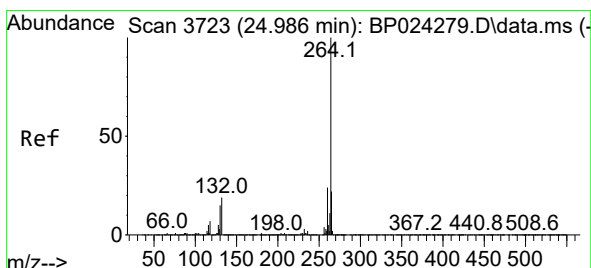
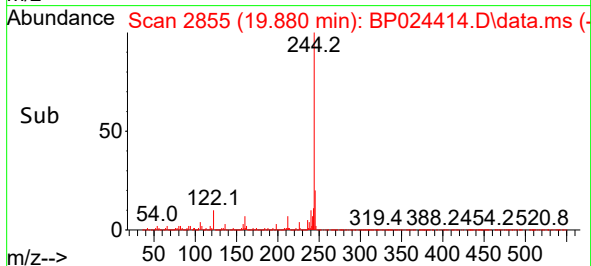
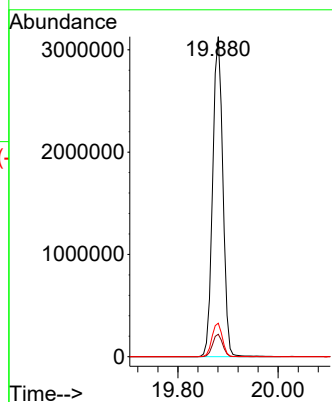
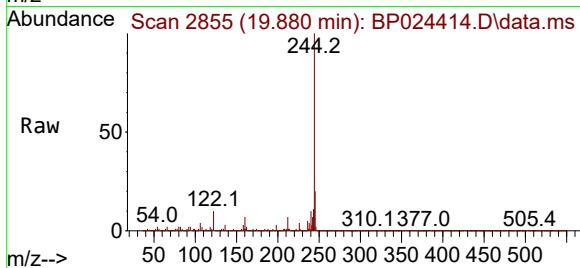
Tgt Ion:244 Resp: 4413545

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024414.D

Acq: 24 Apr 2025 19:18

Tgt Ion:264 Resp: 272224

Ion Ratio Lower Upper

264 100

260 32.8 18.9 28.3#

265 23.5 17.8 26.6

