

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081525\  
 Data File : BP025426.D  
 Acq On : 15 Aug 2025 14:08  
 Operator : CG/JU  
 Sample : Q2814-05RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TW-82H-ERE

Quant Time: Aug 15 14:58:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 137678   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.554 | 136  | 540790   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.401 | 164  | 370556   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 763380   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.630 | 240  | 864878   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.989 | 264  | 962910   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.407  | 112  | 366124   | 44.163 | ng    | 0.00     |
| 7) Phenol-d6                | 6.960  | 99   | 411090   | 38.676 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.925  | 82   | 370302   | 34.638 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.907 | 330  | 269048   | 53.942 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.013 | 172  | 850812   | 31.380 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.912 | 244  | 1548316  | 32.753 | ng    | 0.00     |

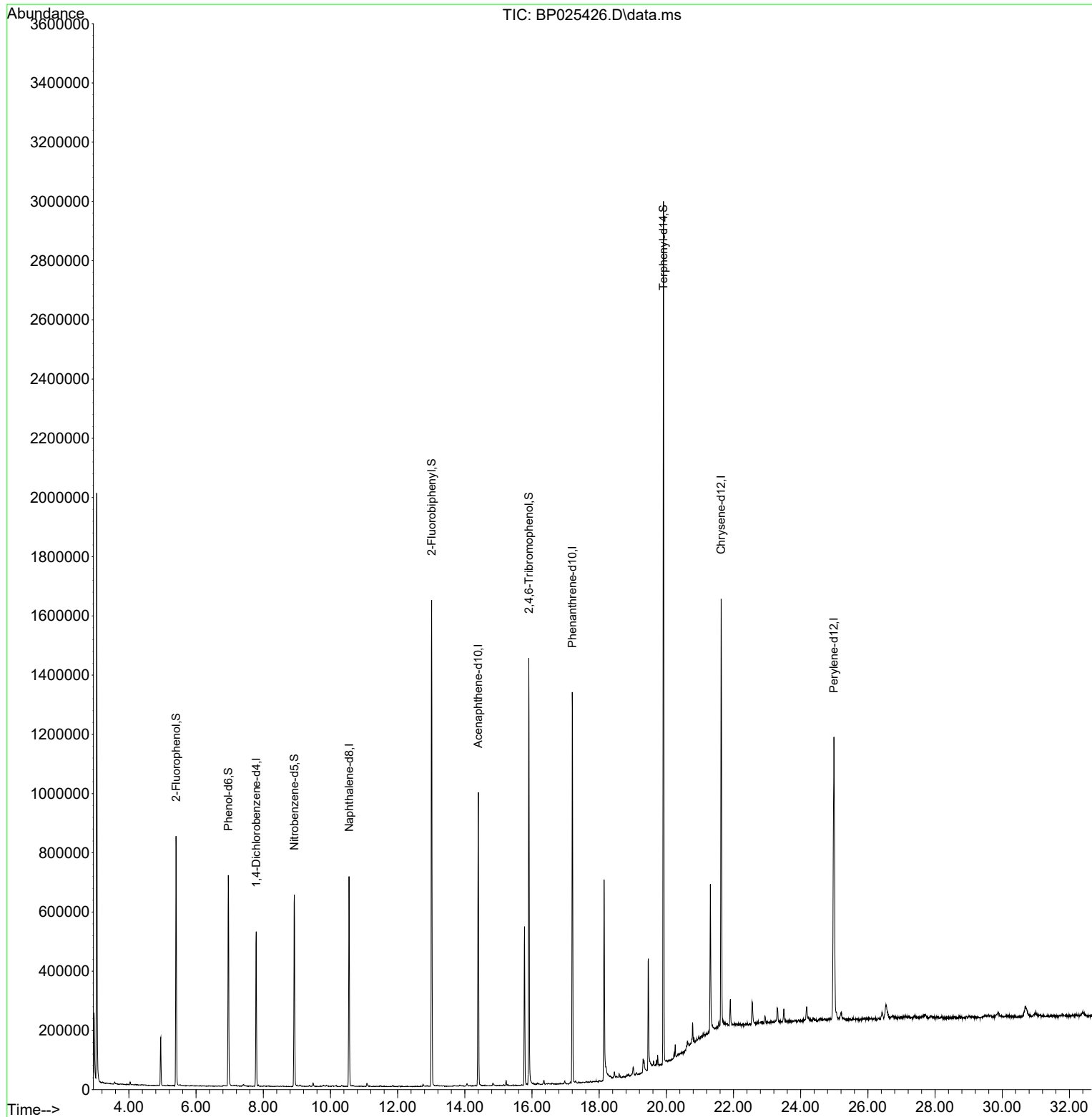
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

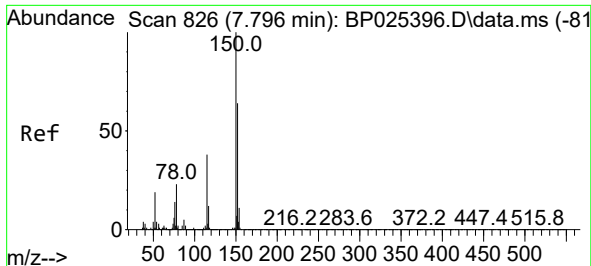
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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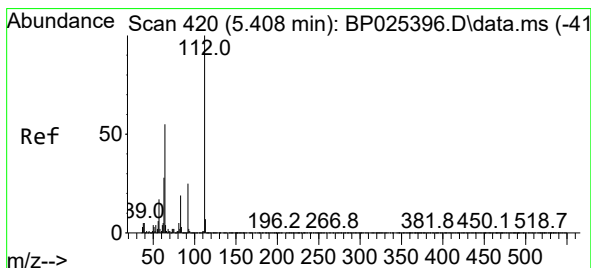
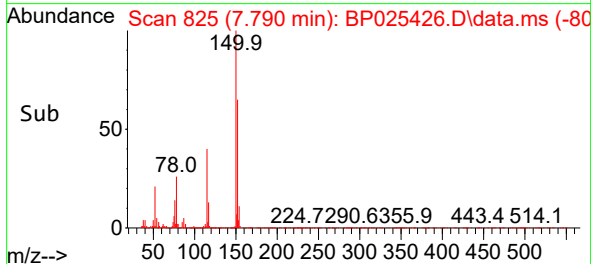
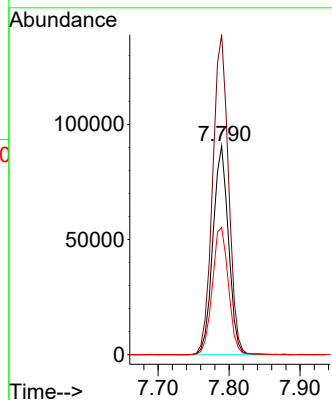
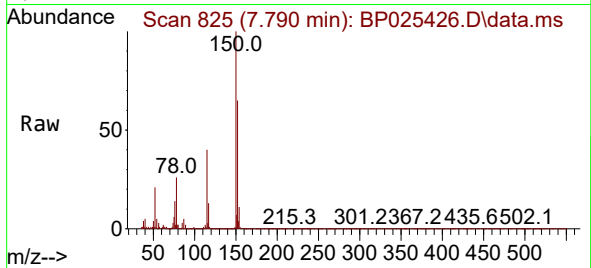




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.790 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

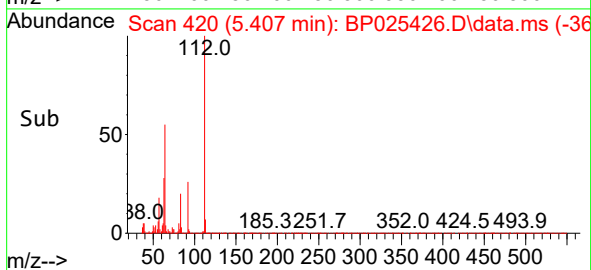
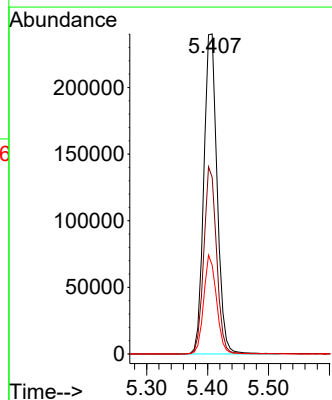
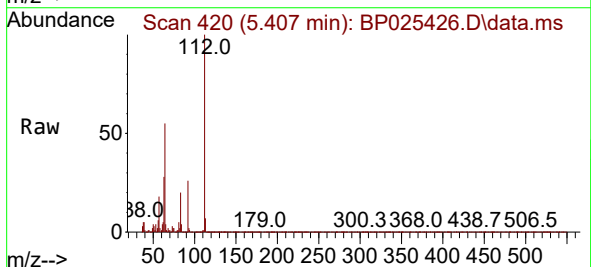
Instrument :  
BNA\_P  
ClientSampleId :  
TW-82H-ERE

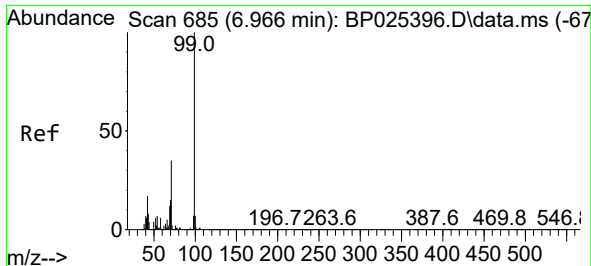
Tgt Ion:152 Resp: 137678  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.9 188.9  
115 61.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 44.163 ng  
RT: 5.407 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

Tgt Ion:112 Resp: 366124  
Ion Ratio Lower Upper  
112 100  
64 55.1 43.8 65.8  
63 27.7 22.7 34.1

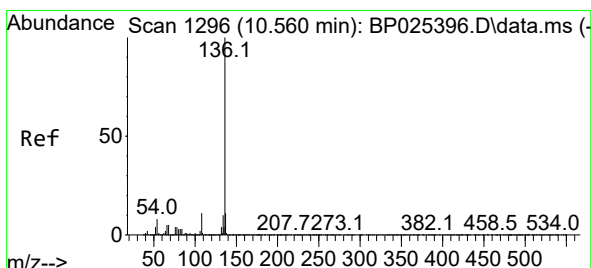
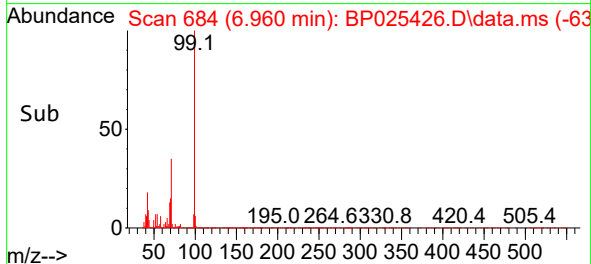
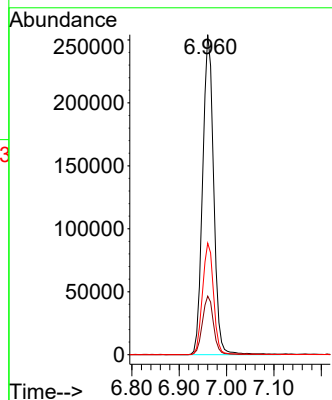
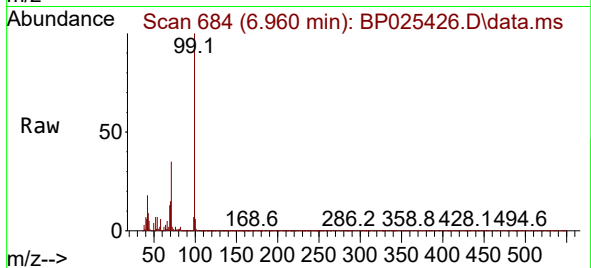




#7  
Phenol-d6  
Concen: 38.676 ng  
RT: 6.960 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

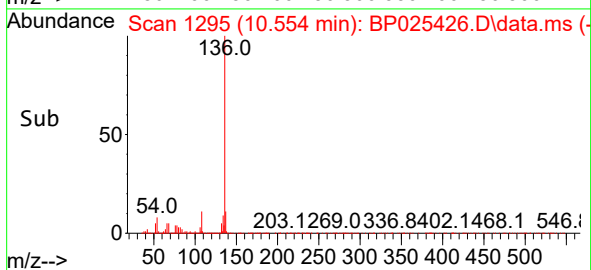
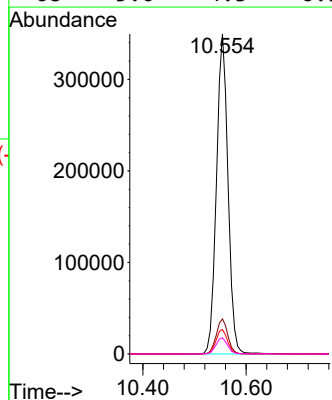
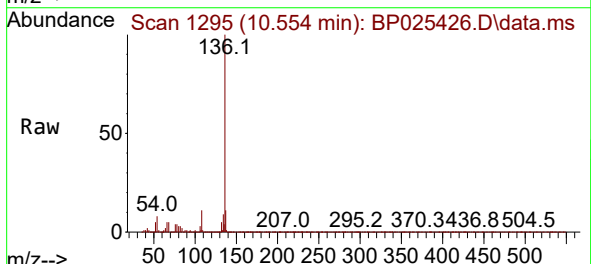
Instrument :  
BNA\_P  
ClientSampleId :  
TW-82H-ERE

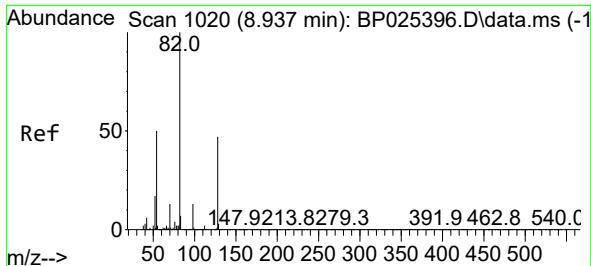
Tgt Ion: 99 Resp: 411090  
Ion Ratio Lower Upper  
99 100  
42 18.3 13.7 20.5  
71 34.8 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.554 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

Tgt Ion: 136 Resp: 540790  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 7.6 6.0 9.0  
68 5.0 4.3 6.5

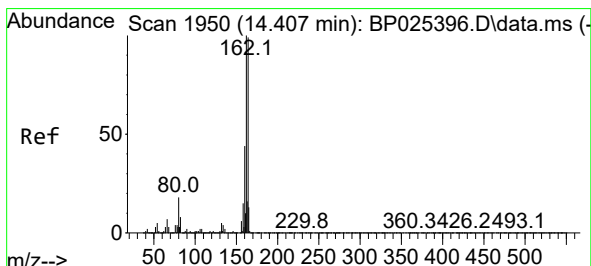
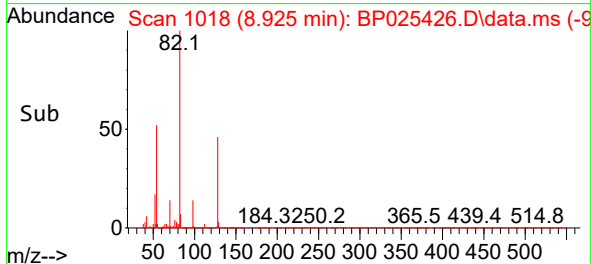
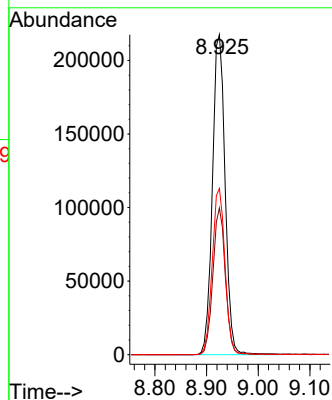
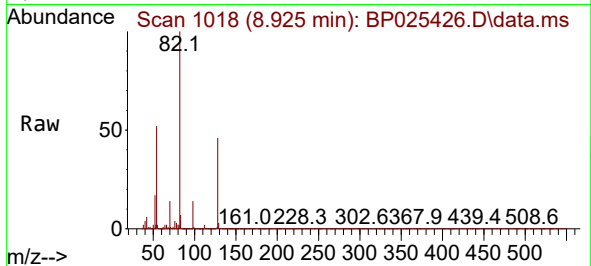




#23  
Nitrobenzene-d5  
Concen: 34.638 ng  
RT: 8.925 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

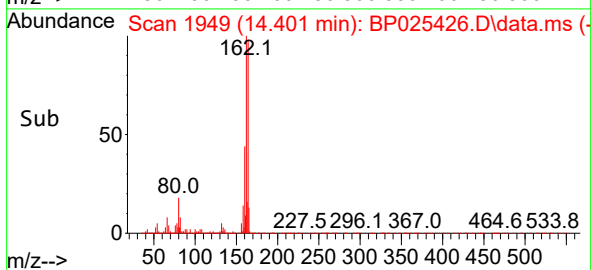
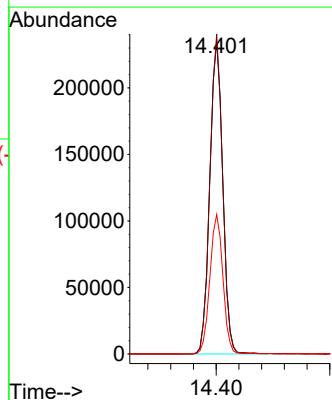
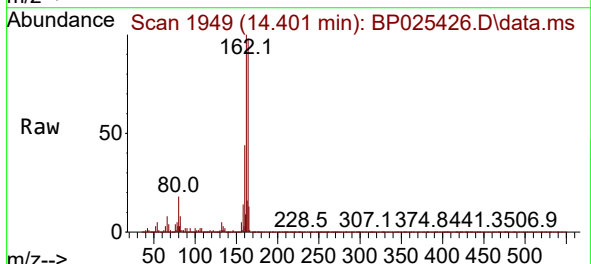
Instrument :  
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ClientSampleId :  
TW-82H-ERE

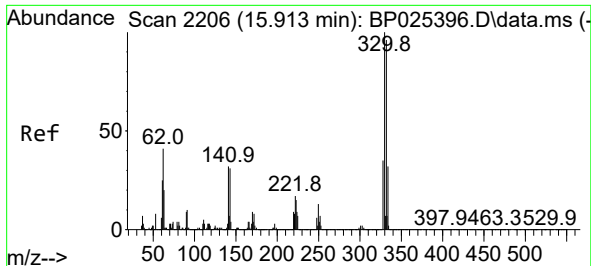
Tgt Ion: 82 Resp: 370302  
Ion Ratio Lower Upper  
82 100  
128 45.9 37.7 56.5  
54 51.9 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.401 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

Tgt Ion:164 Resp: 370556  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.0 121.6  
160 44.6 35.4 53.2

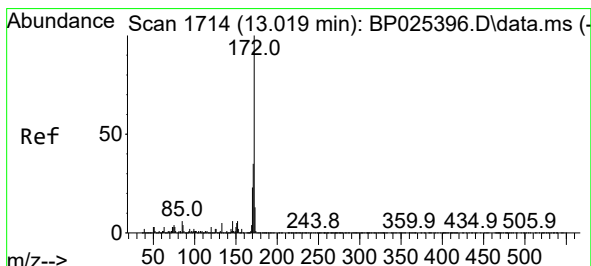
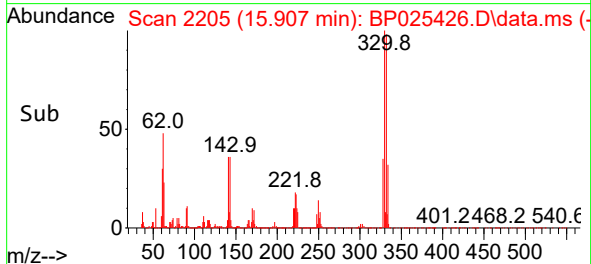
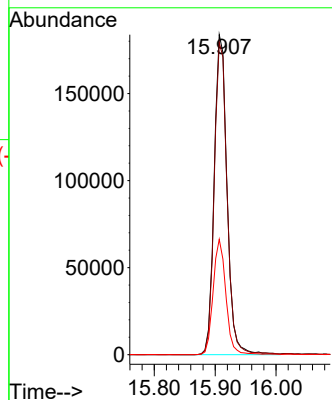
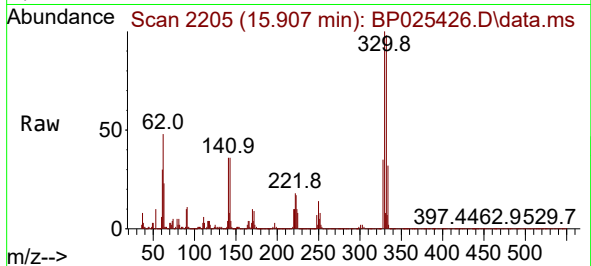




#42  
2,4,6-Tribromophenol  
Concen: 53.942 ng  
RT: 15.907 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

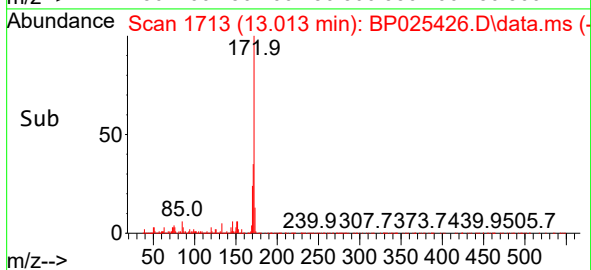
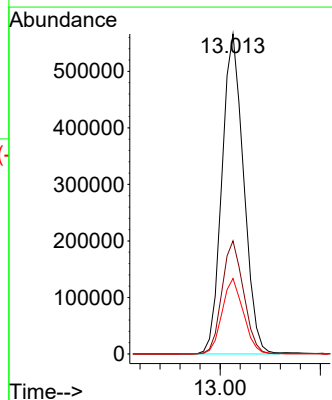
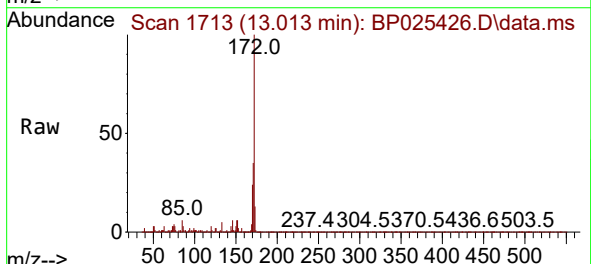
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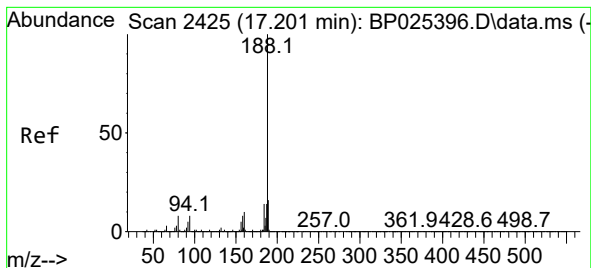
Tgt Ion:330 Resp: 269048  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.3 115.9  
141 35.8 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 31.380 ng  
RT: 13.013 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP025426.D  
Acq: 15 Aug 2025 14:08

Tgt Ion:172 Resp: 850812  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Instrument :

BNA\_P

ClientSampleId :

TW-82H-ERE

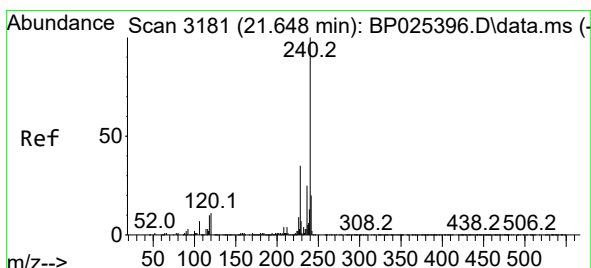
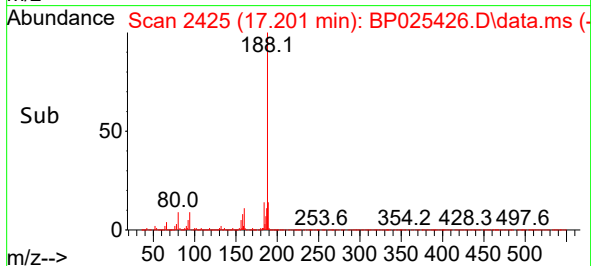
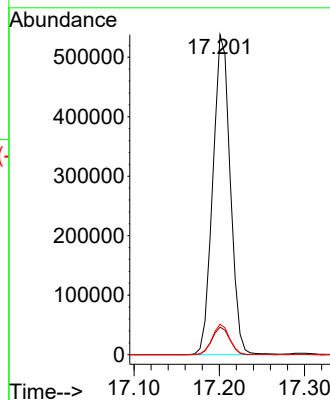
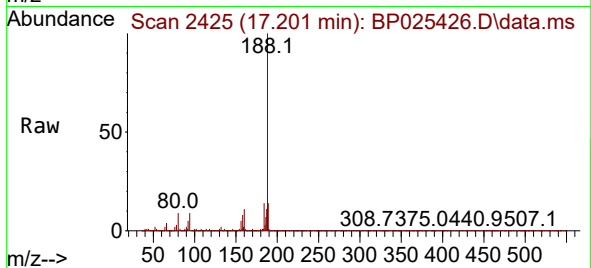
Tgt Ion:188 Resp: 763380

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

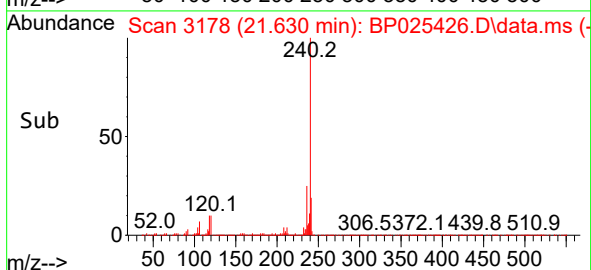
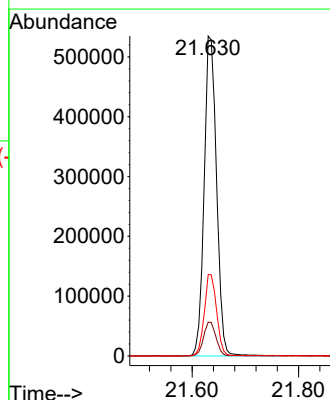
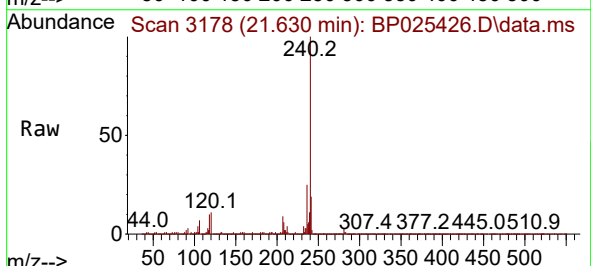
Tgt Ion:240 Resp: 864878

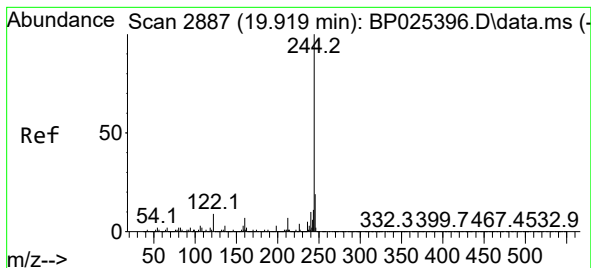
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 32.753 ng

RT: 19.912 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Instrument :

BNA\_P

ClientSampleId :

TW-82H-ERE

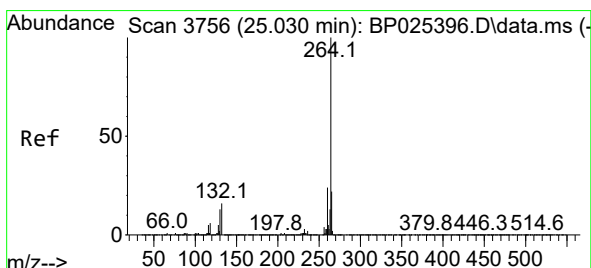
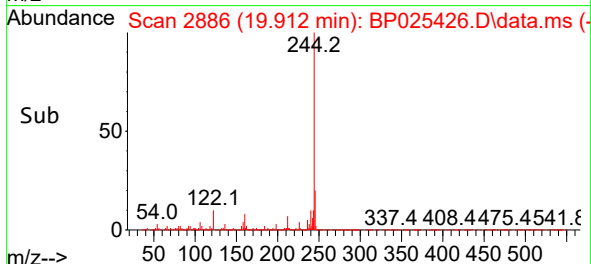
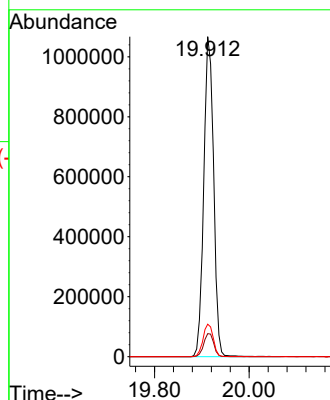
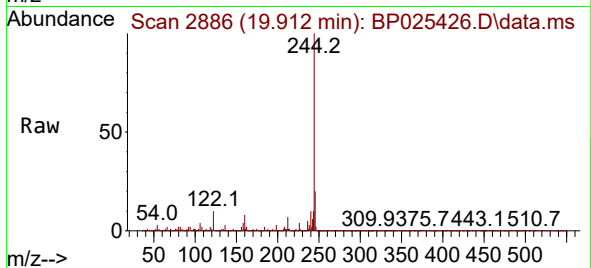
Tgt Ion:244 Resp: 1548316

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Tgt Ion:264 Resp: 962910

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 17.4 26.0

