

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025876.D  
 Acq On : 29 Sep 2025 11:32  
 Operator : CG/JU  
 Sample : PB169840TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169840TB

Quant Time: Sep 29 12:07:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.743  | 152  | 218795   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.519 | 136  | 860397   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.366 | 164  | 587654   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.160 | 188  | 1277546  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.607 | 240  | 1290552  | 20.000  | ng    | -0.04    |
| 86) Perylene-d12            | 24.966 | 264  | 1166606  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.378  | 112  | 1706834  | 125.874 | ng    | 0.00     |
| 7) Phenol-d6                | 6.949  | 99   | 2079210  | 115.361 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.890  | 82   | 1309395  | 67.130  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.878 | 330  | 1058476  | 144.407 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 12.972 | 172  | 3186042  | 72.189  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.872 | 244  | 6003859  | 83.692  | ng    | -0.04    |

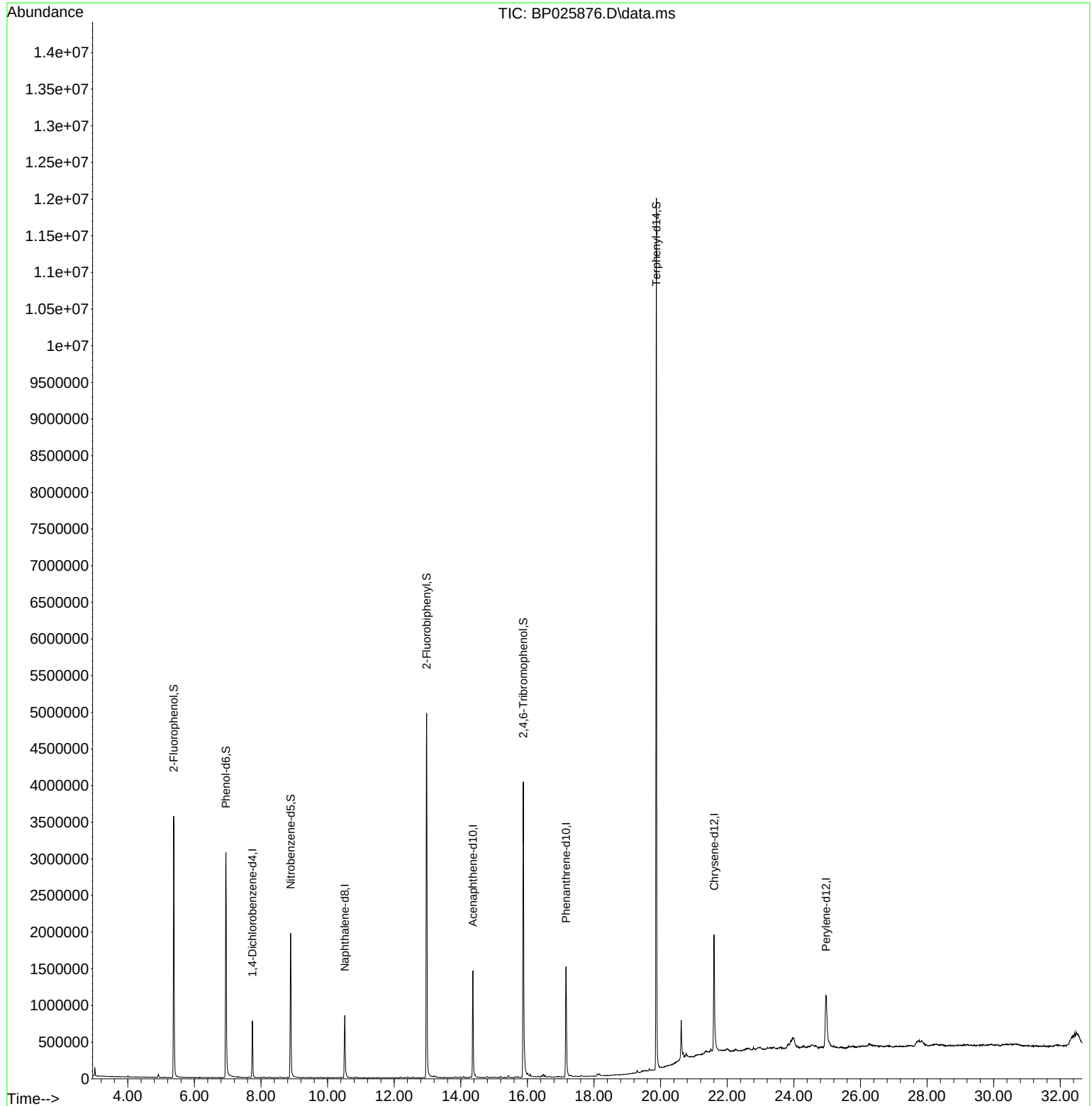
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

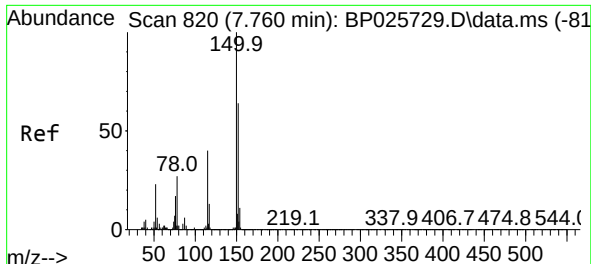
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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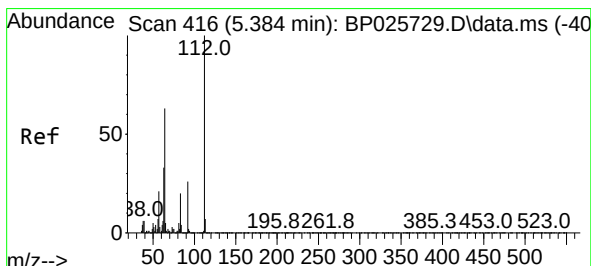
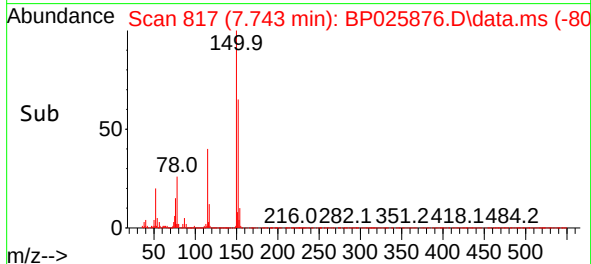
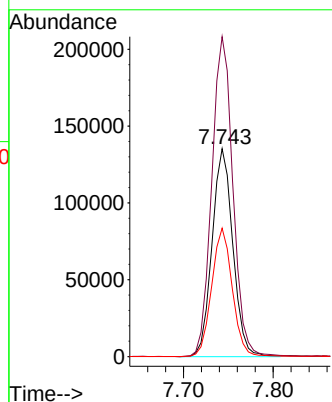
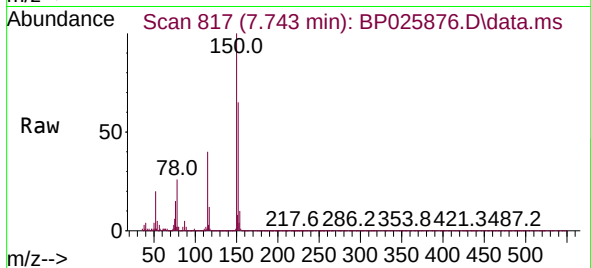




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.743 min Scan# 81  
 Delta R.T. -0.017 min  
 Lab File: BP025876.D  
 Acq: 29 Sep 2025 11:32

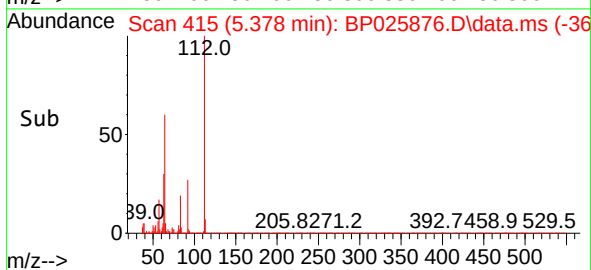
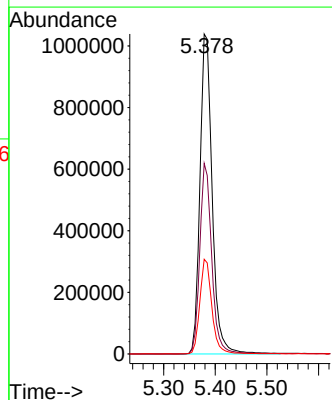
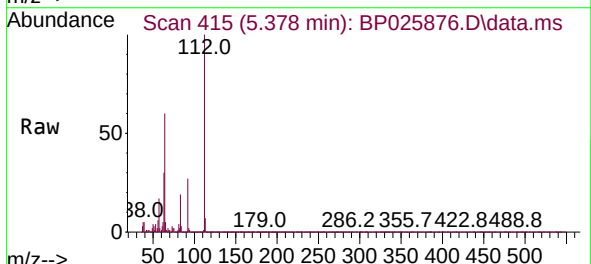
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169840TB

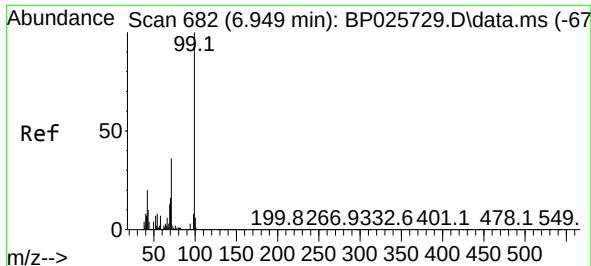
Tgt Ion:152 Resp: 218795  
 Ion Ratio Lower Upper  
 152 100  
 150 153.9 124.3 186.5  
 115 61.7 50.3 75.5



#5  
 2-Fluorophenol  
 Concen: 125.874 ng  
 RT: 5.378 min Scan# 415  
 Delta R.T. -0.006 min  
 Lab File: BP025876.D  
 Acq: 29 Sep 2025 11:32

Tgt Ion:112 Resp: 1706834  
 Ion Ratio Lower Upper  
 112 100  
 64 59.5 50.2 75.4  
 63 29.6 26.7 40.1

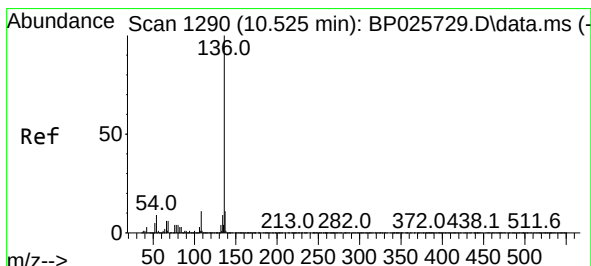
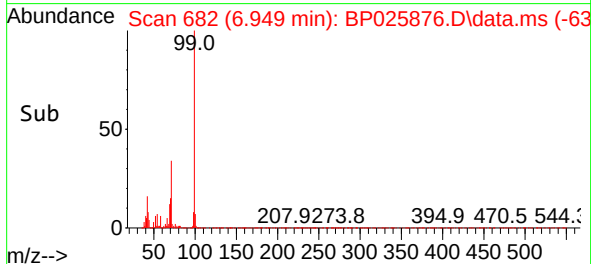
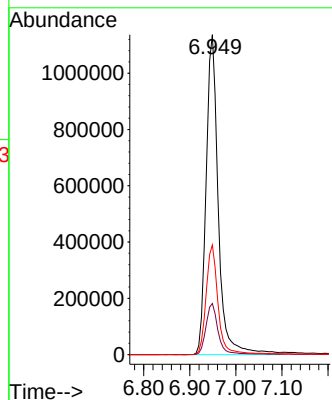
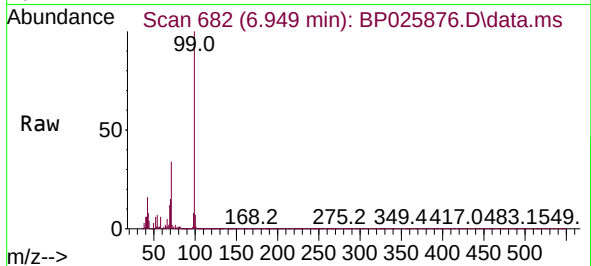




#7  
Phenol-d6  
Concen: 115.361 ng  
RT: 6.949 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

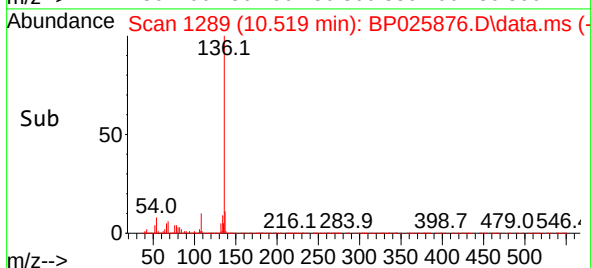
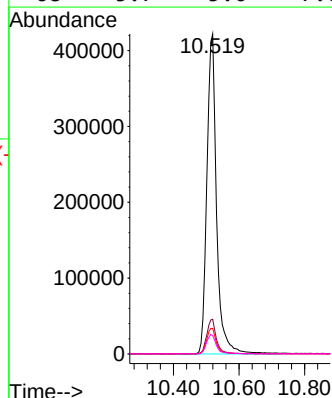
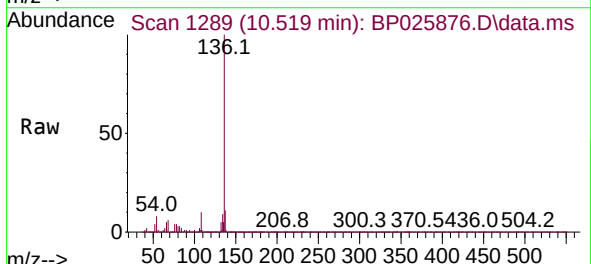
Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

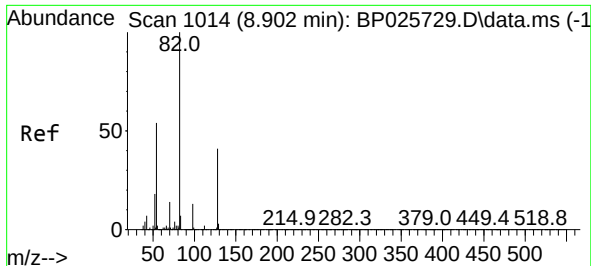
Tgt Ion: 99 Resp: 2079210  
Ion Ratio Lower Upper  
99 100  
42 16.0 15.6 23.4  
71 34.3 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:136 Resp: 860397  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 8.0 7.5 11.3  
68 5.7 5.0 7.6

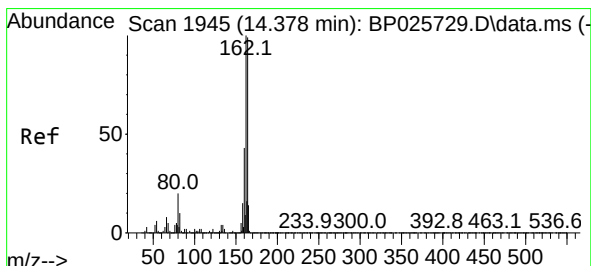
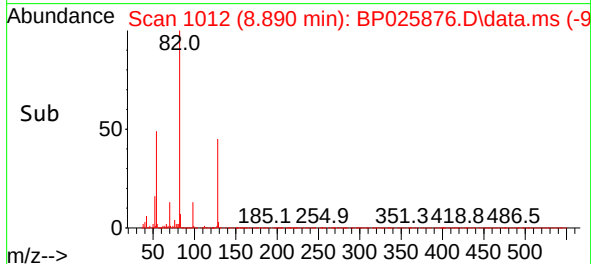
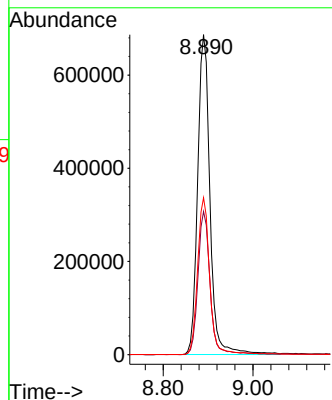
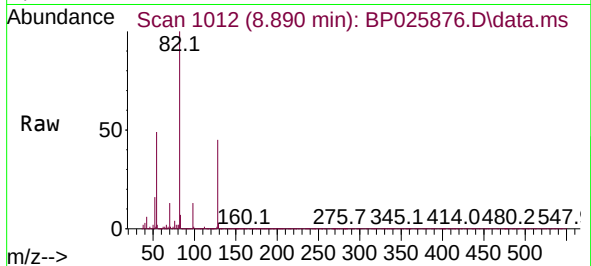




#23  
Nitrobenzene-d5  
Concen: 67.130 ng  
RT: 8.890 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

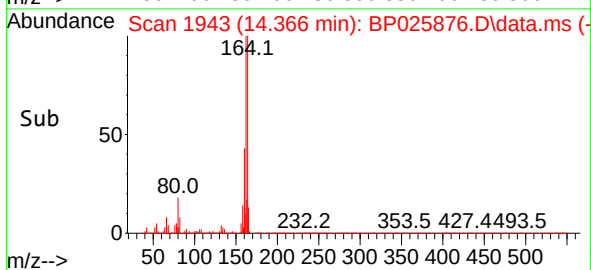
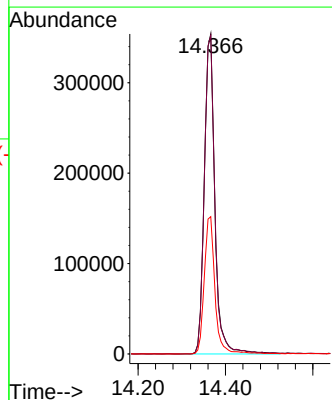
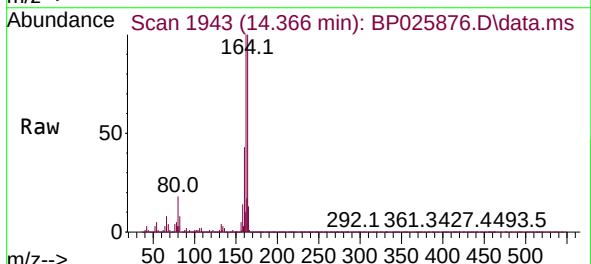
Instrument :  
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ClientSampleId :  
PB169840TB

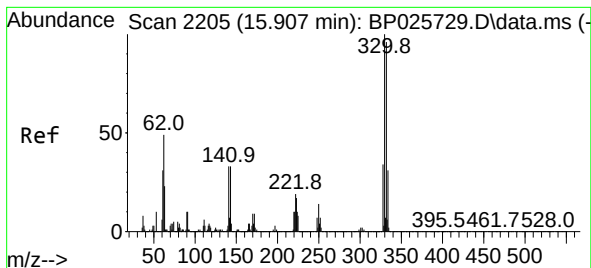
Tgt Ion: 82 Resp: 1309395  
Ion Ratio Lower Upper  
82 100  
128 44.7 32.9 49.3  
54 49.0 43.4 65.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.366 min Scan# 1943  
Delta R.T. -0.012 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:164 Resp: 587654  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 120.8  
160 42.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 144.407 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

Instrument :

BNA\_P

ClientSampleId :

PB169840TB

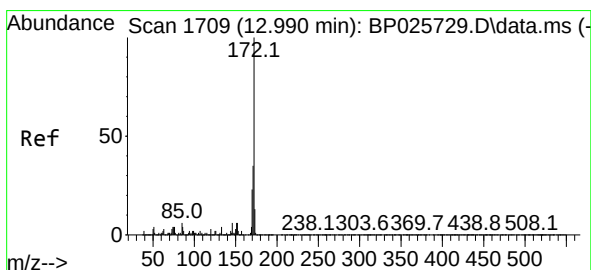
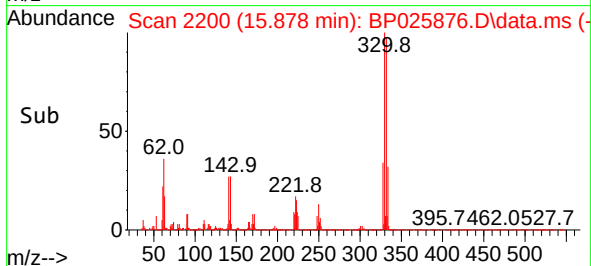
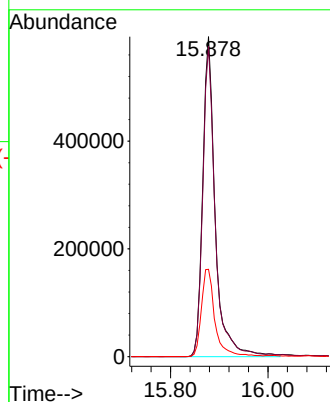
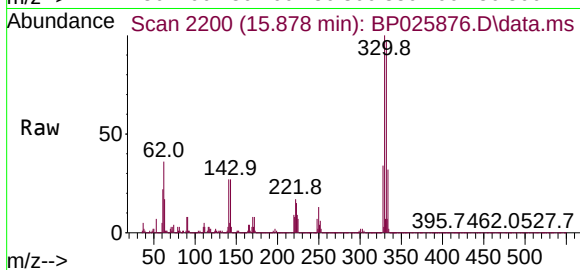
Tgt Ion:330 Resp: 1058476

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 29.5 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 72.189 ng

RT: 12.972 min Scan# 1706

Delta R.T. -0.018 min

Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

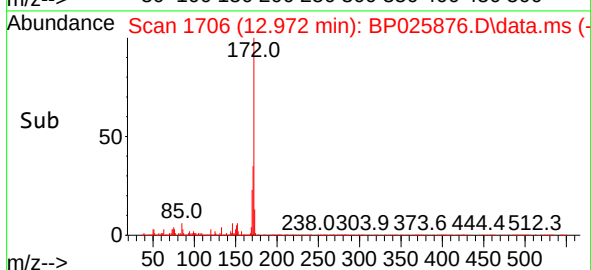
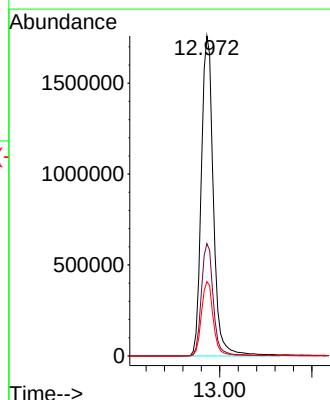
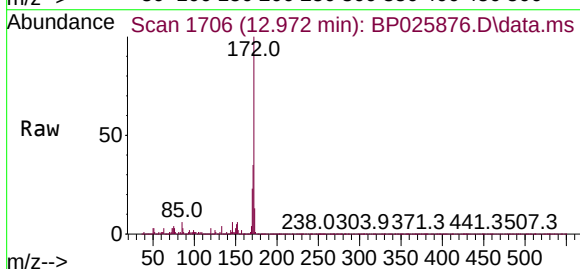
Tgt Ion:172 Resp: 3186042

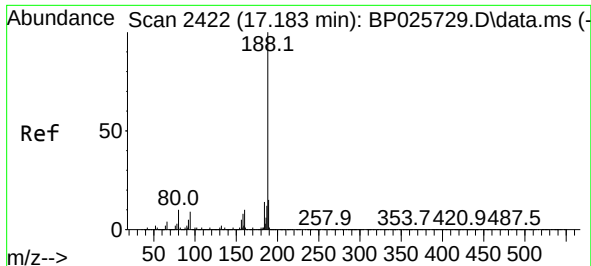
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.2 18.6 27.8

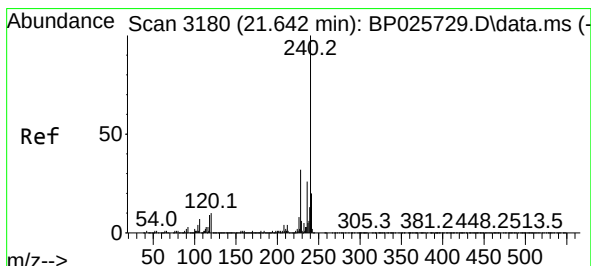
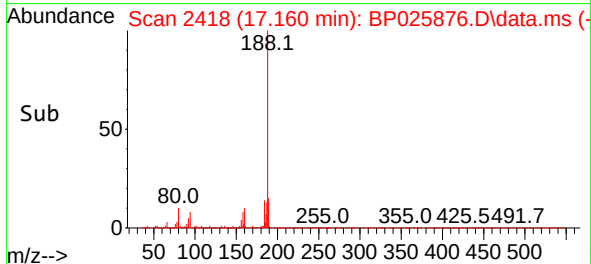
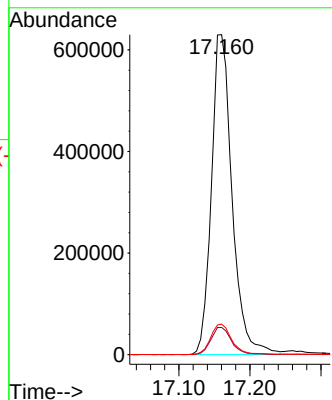
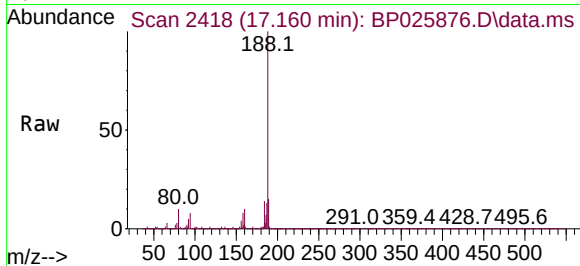




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.160 min Scan# 2418  
Delta R.T. -0.023 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

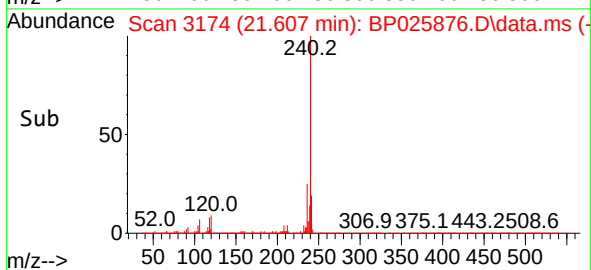
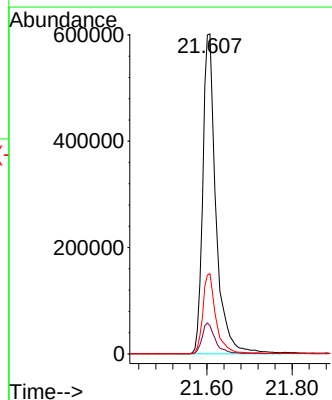
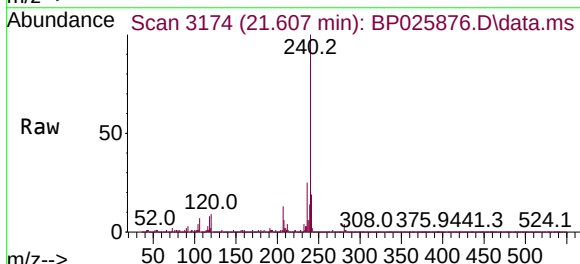
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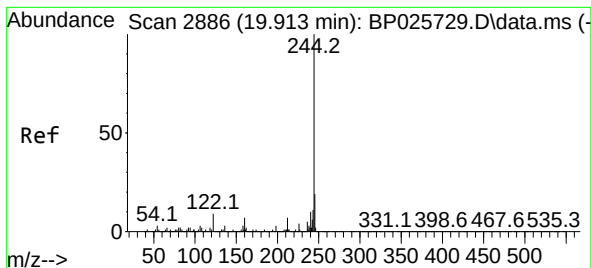
Tgt Ion:188 Resp: 1277546  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.4 11.0  
80 9.6 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.607 min Scan# 3174  
Delta R.T. -0.035 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:240 Resp: 1290552  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.0 12.0  
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 83.692 ng

RT: 19.872 min Scan# 2886

Delta R.T. -0.041 min

Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

Instrument :

BNA\_P

ClientSampleId :

PB169840TB

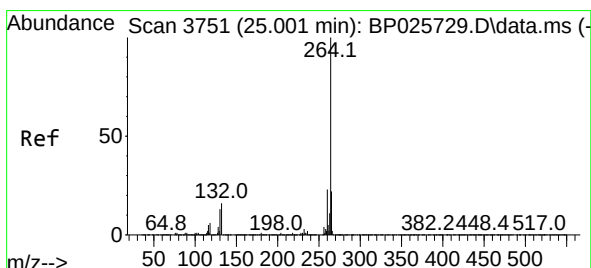
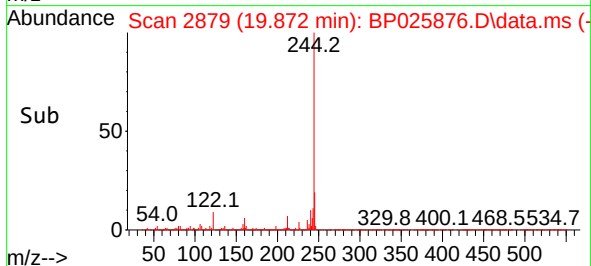
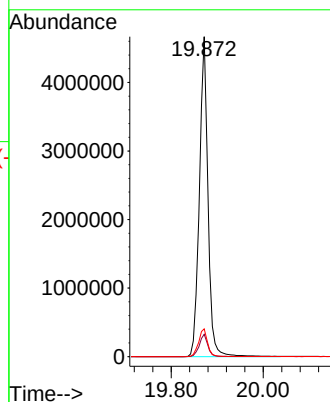
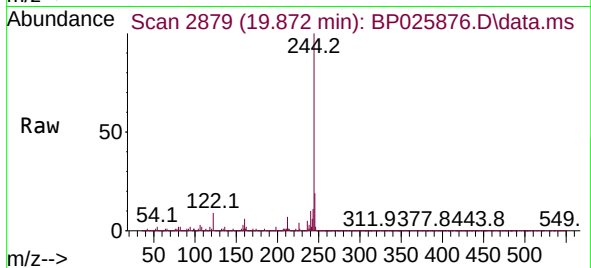
Tgt Ion:244 Resp: 6003859

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.7 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.966 min Scan# 3745

Delta R.T. -0.035 min

Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

Tgt Ion:264 Resp: 1166606

Ion Ratio Lower Upper

264 100

260 21.9 18.3 27.5

265 21.4 17.3 25.9

