

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081325\  
 Data File : BP025380.D  
 Acq On : 13 Aug 2025 11:59  
 Operator : CG/JU  
 Sample : Q2820-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 82H-W

Quant Time: Aug 13 12:25:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.802  | 152  | 171862   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.572 | 136  | 680768   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.419 | 164  | 418215   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.225 | 188  | 828576   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.677 | 240  | 902451   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12            | 25.071 | 264  | 1042273  | 20.000  | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.413  | 112  | 825808   | 77.283  | ng    | 0.00     |
| 7) Phenol-d6                | 6.972  | 99   | 1020820  | 72.589  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.937  | 82   | 644779   | 52.472  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.925 | 330  | 440922   | 105.682 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.031 | 172  | 1387903  | 45.837  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.954 | 244  | 2175182  | 45.525  | ng    | 0.01     |

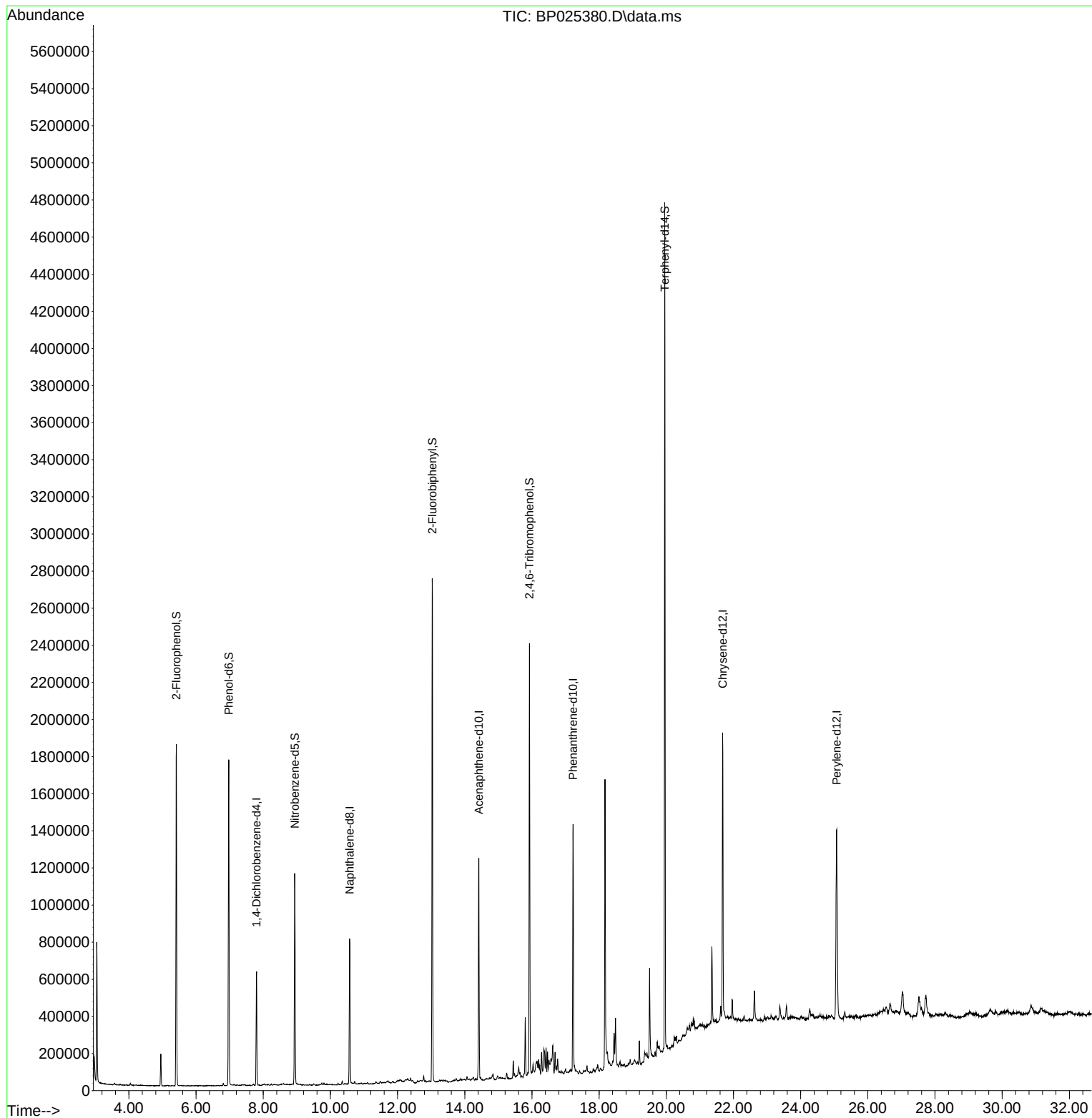
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

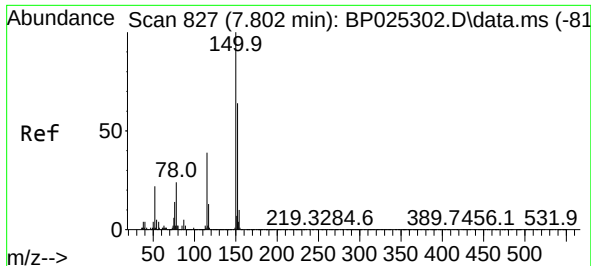
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 06 06:41:44 2025  
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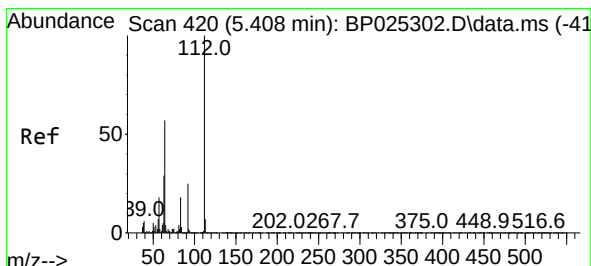
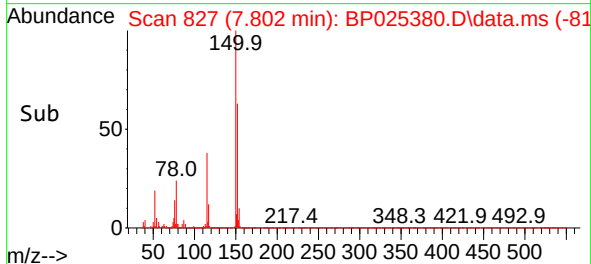
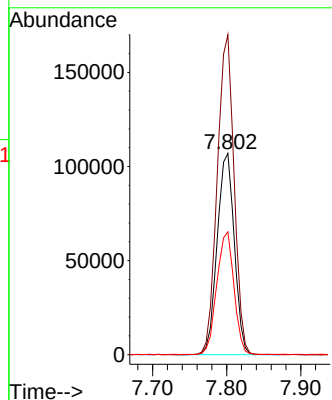
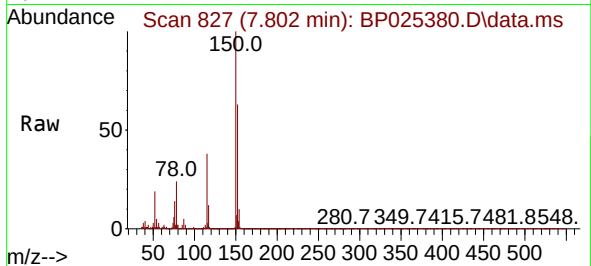




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.802 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BP025380.D  
 Acq: 13 Aug 2025 11:59

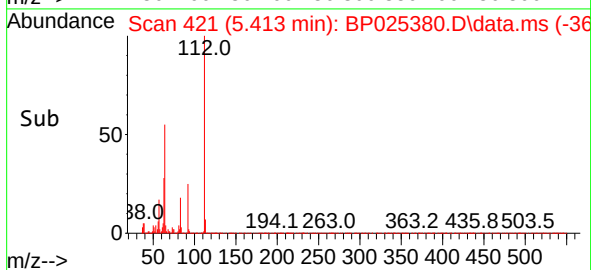
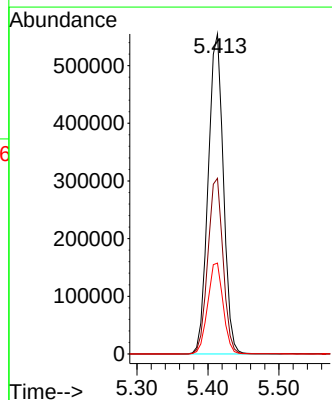
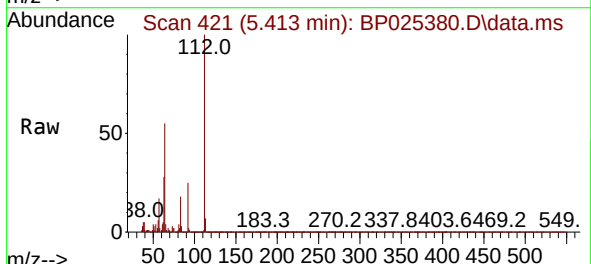
Instrument :  
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 ClientSampleId :  
 82H-W

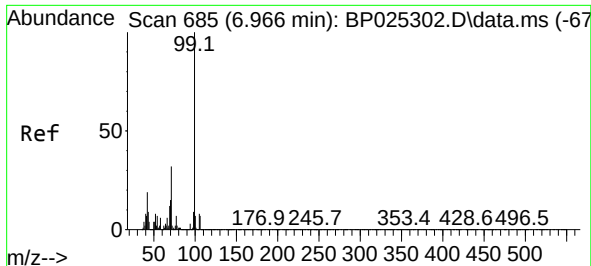
Tgt Ion:152 Resp: 171862  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 125.1 187.7  
 115 61.1 48.4 72.6



#5  
 2-Fluorophenol  
 Concen: 77.283 ng  
 RT: 5.413 min Scan# 421  
 Delta R.T. 0.005 min  
 Lab File: BP025380.D  
 Acq: 13 Aug 2025 11:59

Tgt Ion:112 Resp: 825808  
 Ion Ratio Lower Upper  
 112 100  
 64 54.9 45.3 67.9  
 63 28.4 23.0 34.6

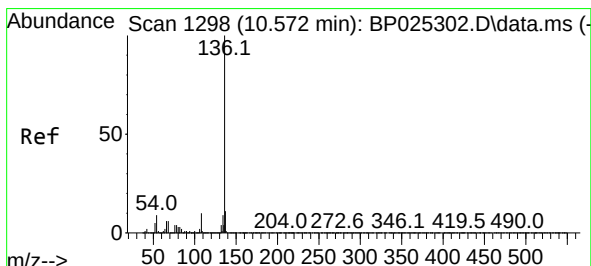
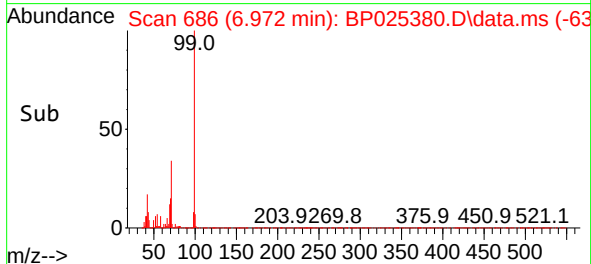
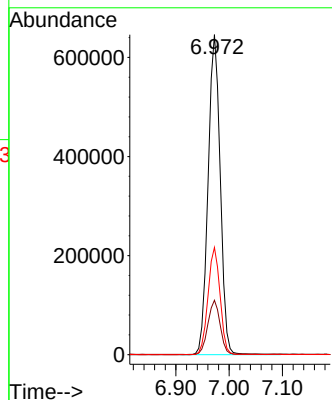
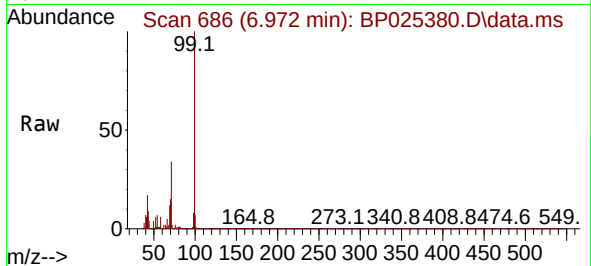




#7  
Phenol-d6  
Concen: 72.589 ng  
RT: 6.972 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

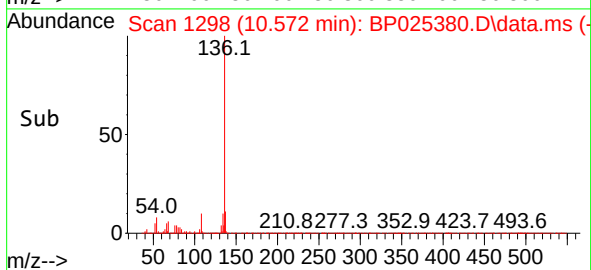
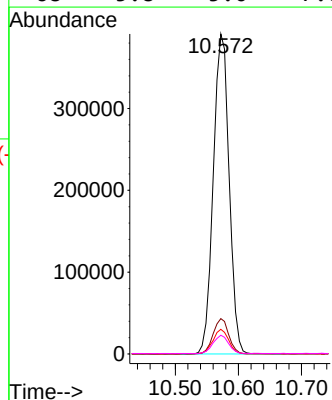
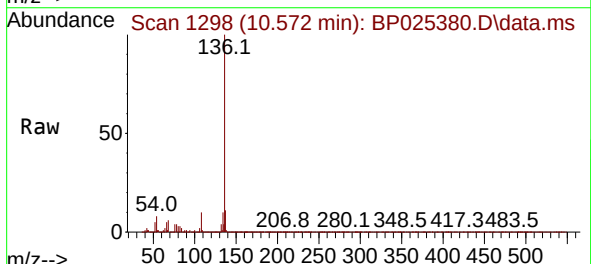
Instrument :  
BNA\_P  
ClientSampleId :  
82H-W

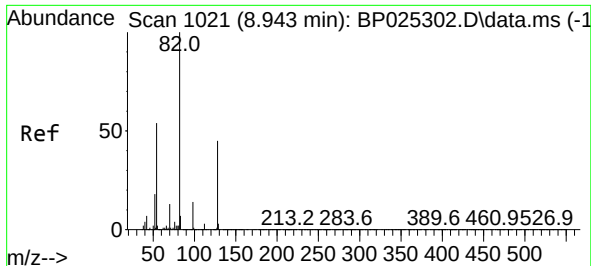
Tgt Ion: 99 Resp: 1020820  
Ion Ratio Lower Upper  
99 100  
42 17.0 15.0 22.6  
71 33.5 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.572 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

Tgt Ion: 136 Resp: 680768  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.7 7.0 10.6  
68 5.8 5.0 7.6

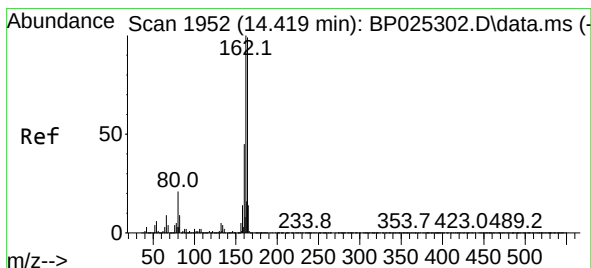
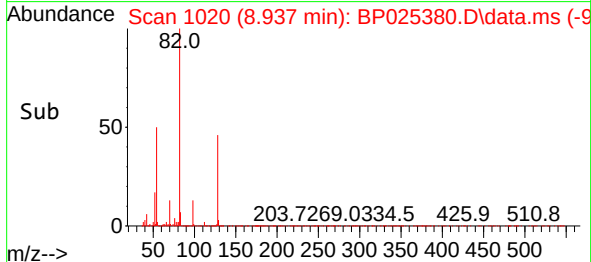
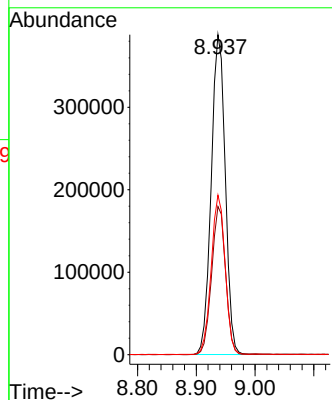
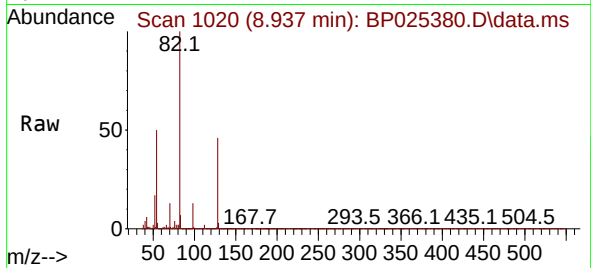




#23  
Nitrobenzene-d5  
Concen: 52.472 ng  
RT: 8.937 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

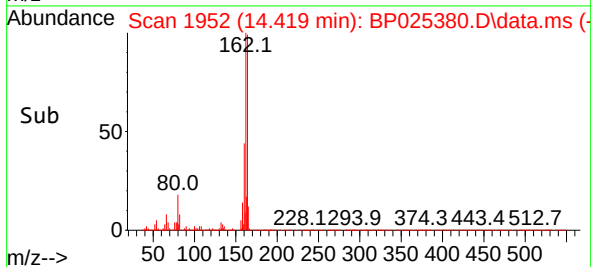
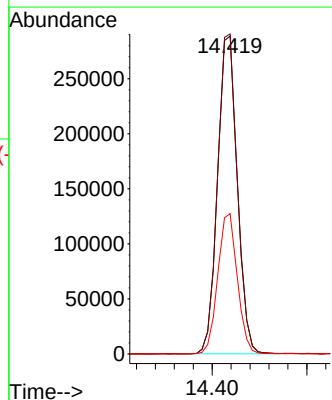
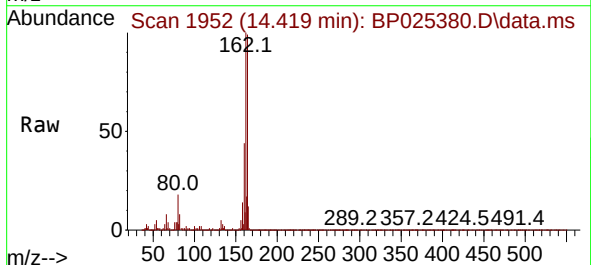
Instrument :  
BNA\_P  
ClientSampleId :  
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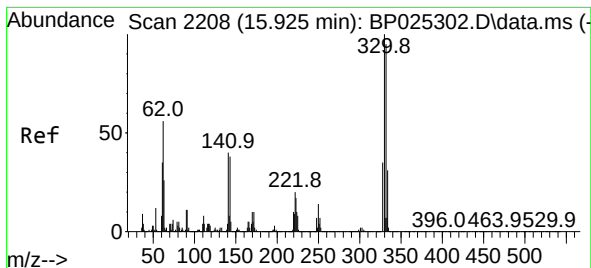
Tgt Ion: 82 Resp: 644779  
Ion Ratio Lower Upper  
82 100  
128 46.3 35.4 53.2  
54 49.9 42.9 64.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.419 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

Tgt Ion:164 Resp: 418215  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.6 120.8  
160 44.2 35.9 53.9

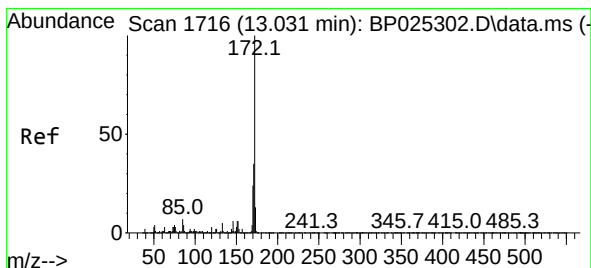
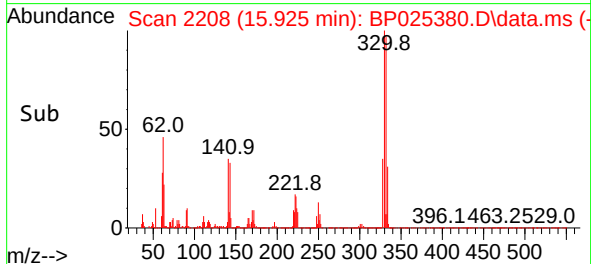
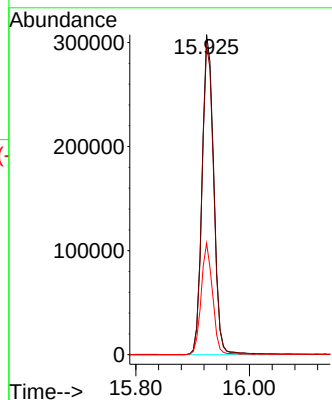
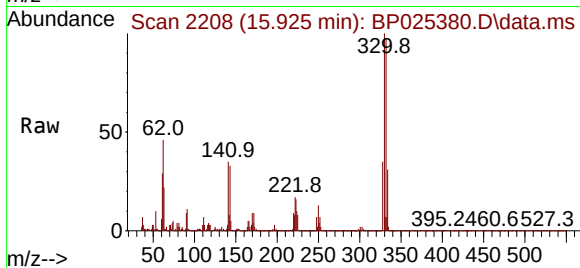




#42  
2,4,6-Tribromophenol  
Concen: 105.682 ng  
RT: 15.925 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

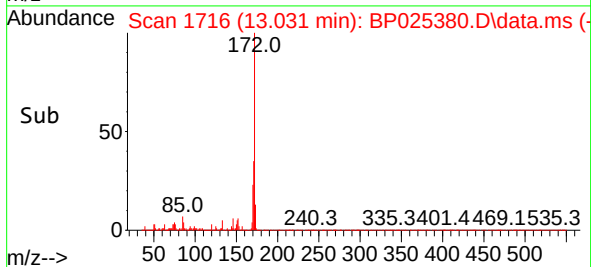
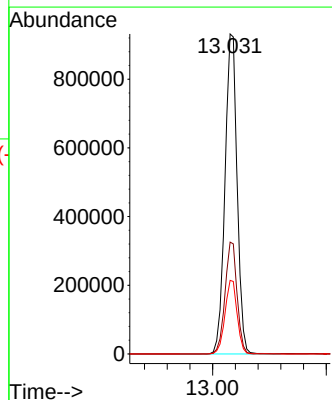
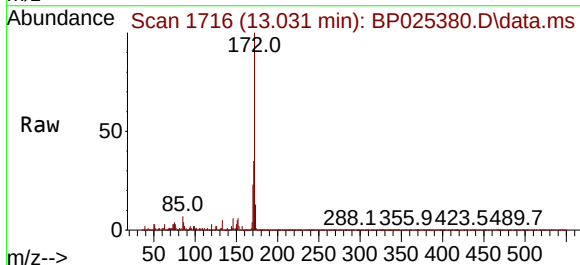
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ClientSampleId :  
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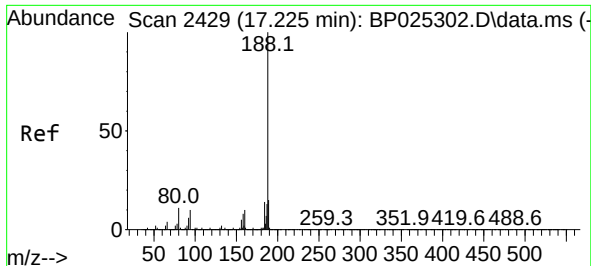
Tgt Ion:330 Resp: 440922  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.4 116.0  
141 33.8 31.7 47.5



#45  
2-Fluorobiphenyl  
Concen: 45.837 ng  
RT: 13.031 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

Tgt Ion:172 Resp: 1387903  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.0 18.9 28.3

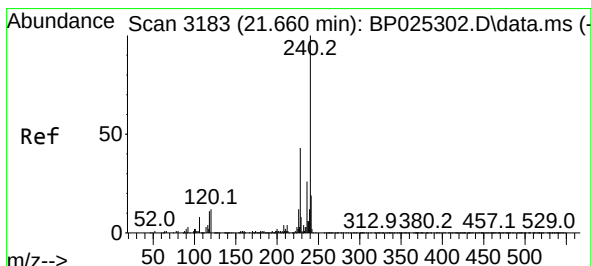
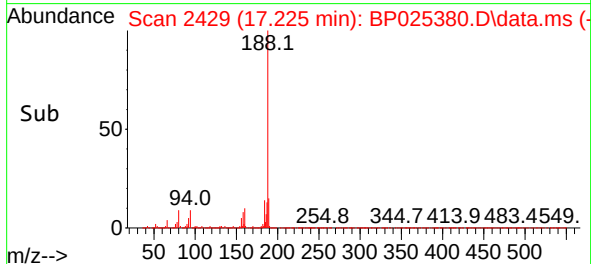
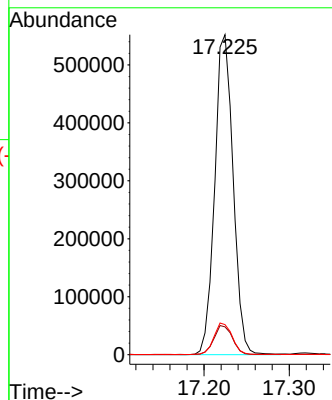
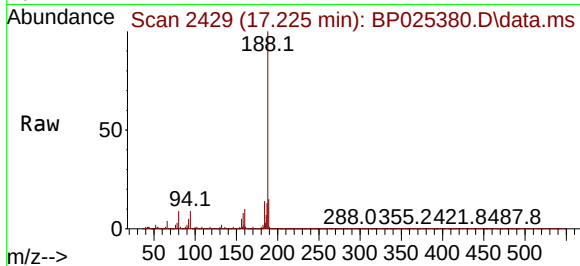




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

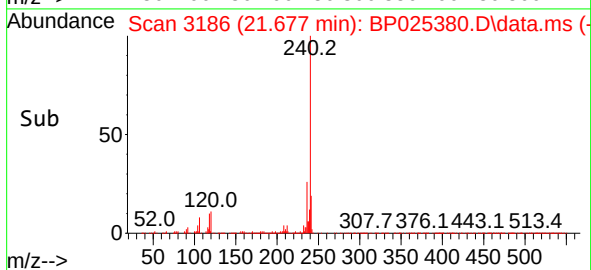
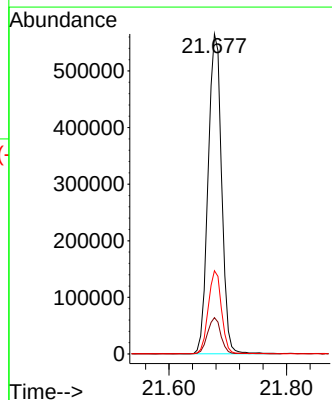
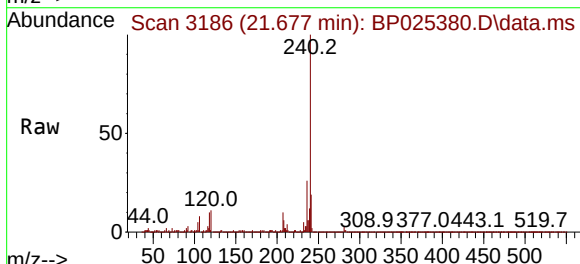
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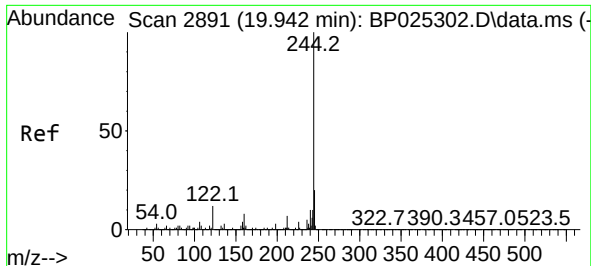
Tgt Ion:188 Resp: 828576  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 9.4 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. 0.017 min  
Lab File: BP025380.D  
Acq: 13 Aug 2025 11:59

Tgt Ion:240 Resp: 902451  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.6 14.4  
236 26.0 20.4 30.6

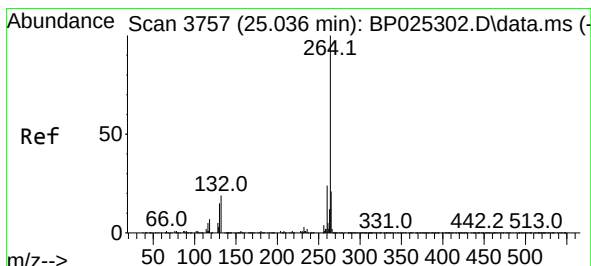
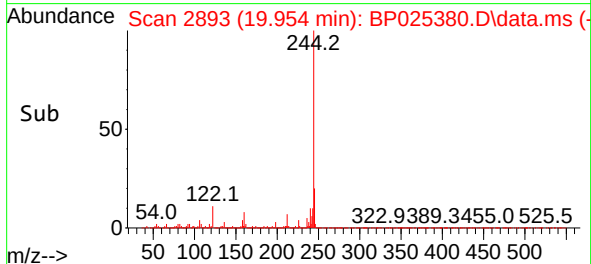
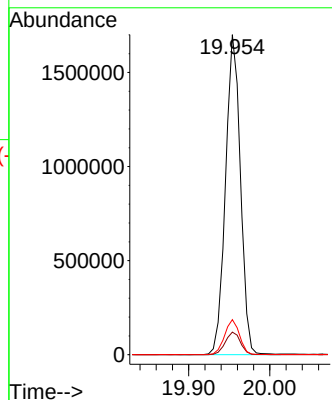
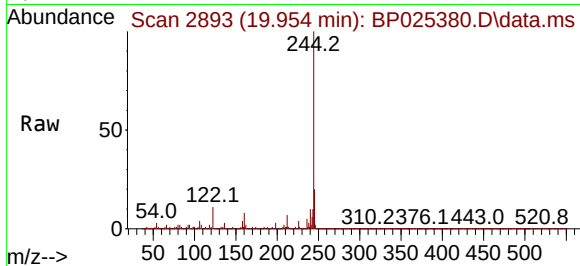




#79  
 Terphenyl-d14  
 Concen: 45.525 ng  
 RT: 19.954 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BP025380.D  
 Acq: 13 Aug 2025 11:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 82H-W

Tgt Ion:244 Resp: 2175182  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 10.9 9.5 14.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.071 min Scan# 3763  
 Delta R.T. 0.035 min  
 Lab File: BP025380.D  
 Acq: 13 Aug 2025 11:59

Tgt Ion:264 Resp: 1042273  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.9 17.1 25.7

