

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082925\  
 Data File : BP025622.D  
 Acq On : 29 Aug 2025 12:36  
 Operator : CG/JU  
 Sample : Q2971-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP2

Quant Time: Aug 29 13:03:34 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   | 7.772  | 152  | 196497   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.537 | 136  | 768334   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.384 | 164  | 473080   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.178 | 188  | 905367   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.624 | 240  | 1003120  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.995 | 264  | 1218232  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.402  | 112  | 1631609  | 137.896 | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 2062253  | 135.944 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.913  | 82   | 1301356  | 85.679  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.895 | 330  | 893866   | 140.375 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.995 | 172  | 2761801  | 79.786  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.901 | 244  | 4113930  | 75.033  | ng    | -0.02    |

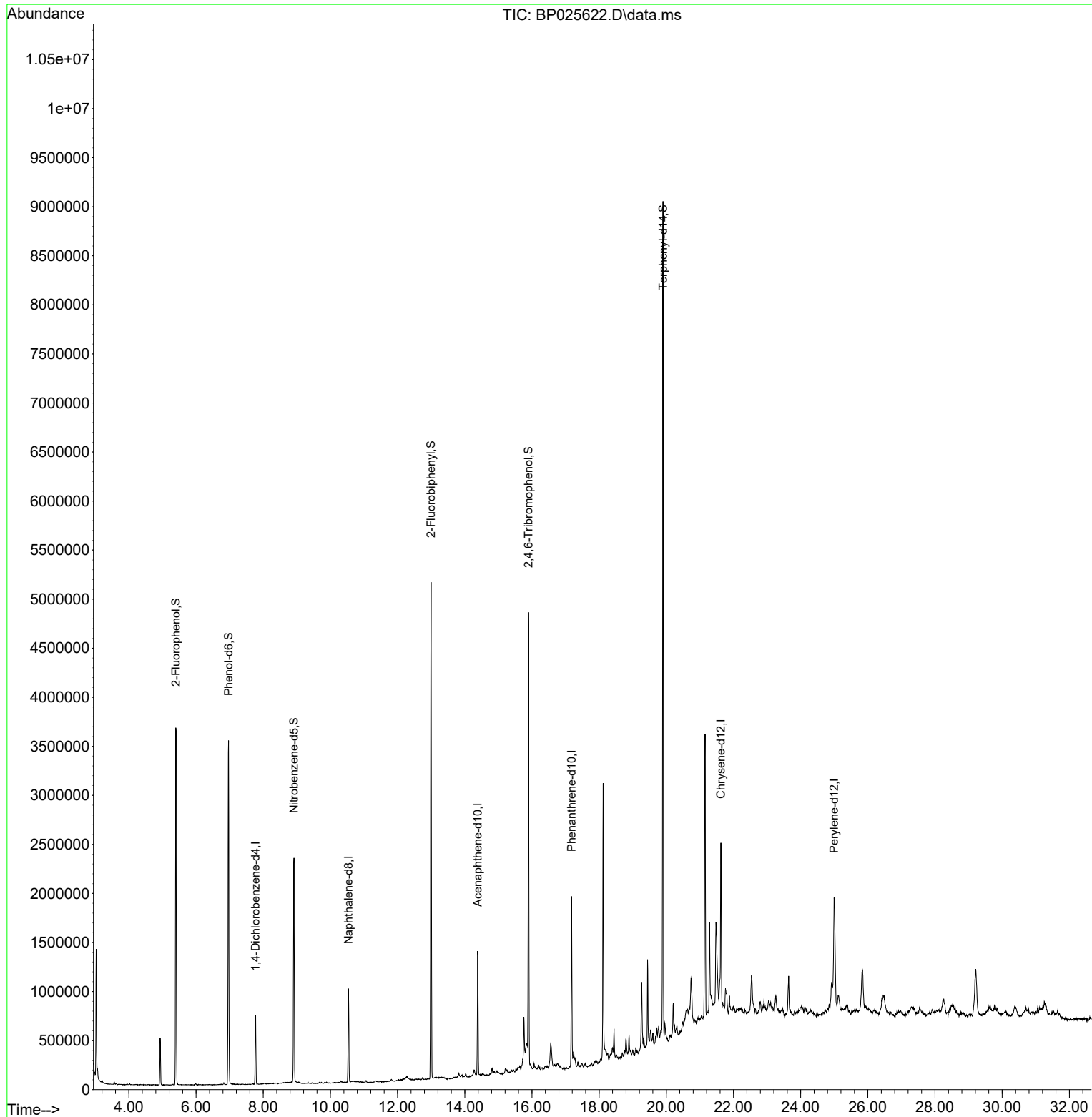
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

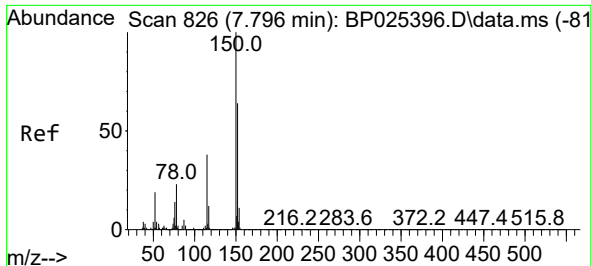
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082925\  
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QLast Update : Thu Aug 14 18:14:31 2025  
Response via : Initial Calibration

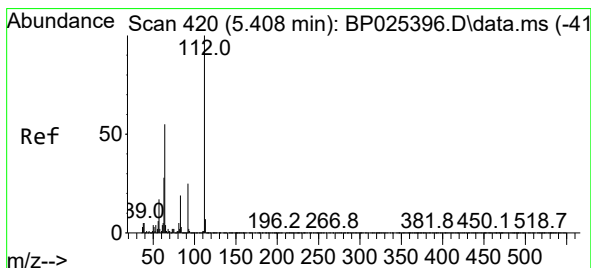
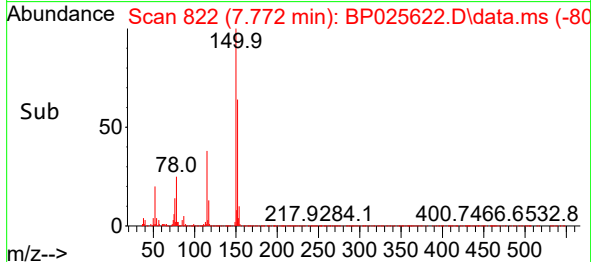
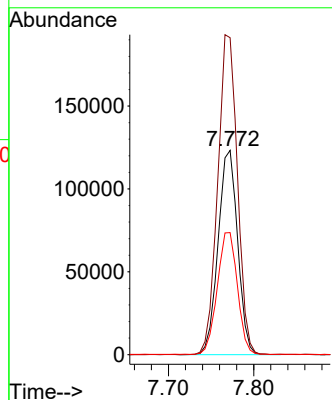
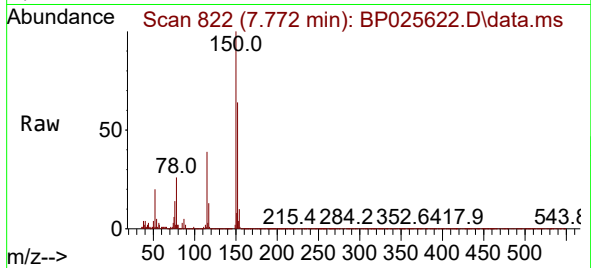




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.772 min Scan# 81  
Delta R.T. -0.024 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

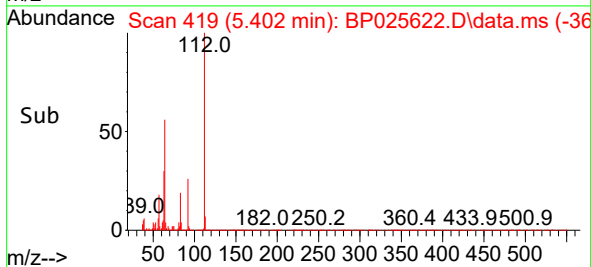
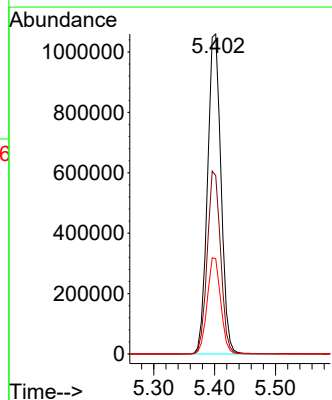
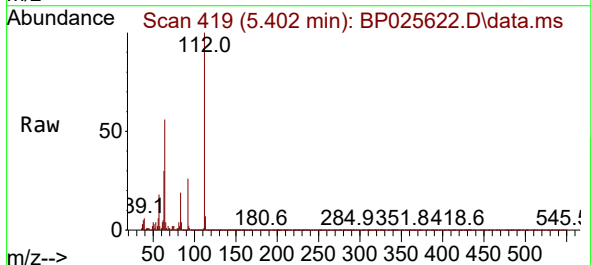
Instrument :  
BNA\_P  
ClientSampleId :  
TP2

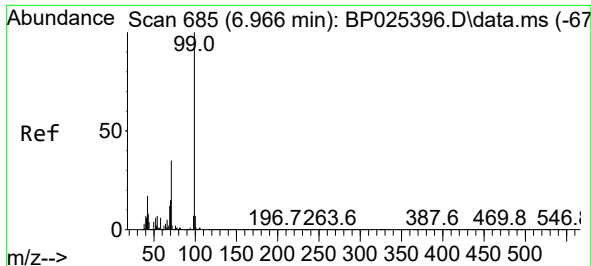
Tgt Ion:152 Resp: 196497  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.9 188.9  
115 59.7 48.5 72.7



#5  
2-Fluorophenol  
Concen: 137.896 ng  
RT: 5.402 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

Tgt Ion:112 Resp: 1631609  
Ion Ratio Lower Upper  
112 100  
64 55.8 43.8 65.8  
63 29.8 22.7 34.1



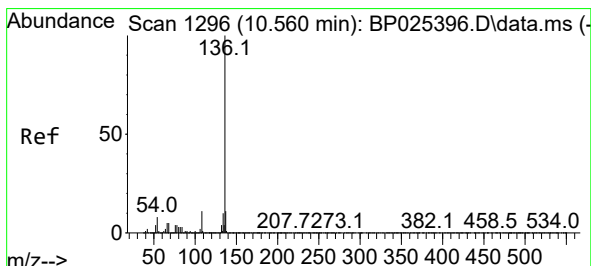
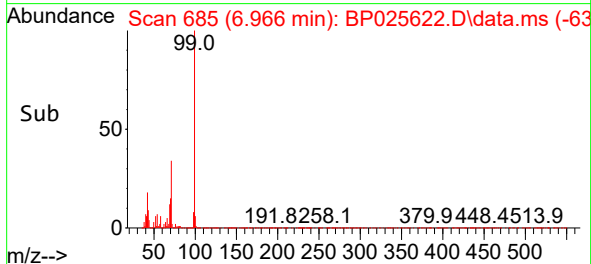
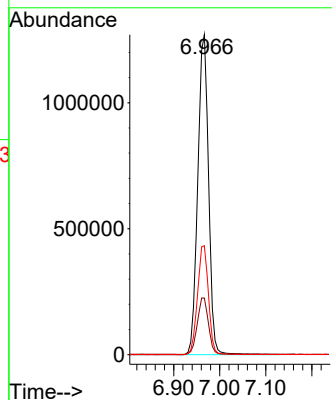
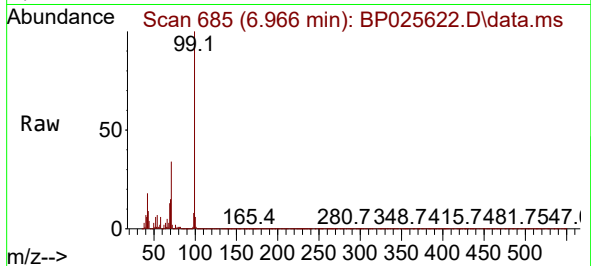


#7  
Phenol-d6  
Concen: 135.944 ng  
RT: 6.966 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

Instrument :  
BNA\_P  
ClientSampleId :  
TP2

Tgt Ion: 99 Resp: 2062253

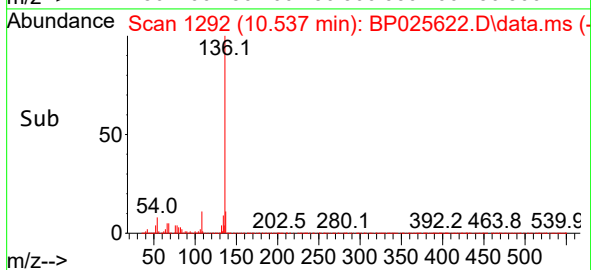
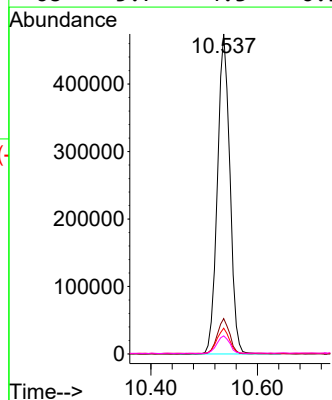
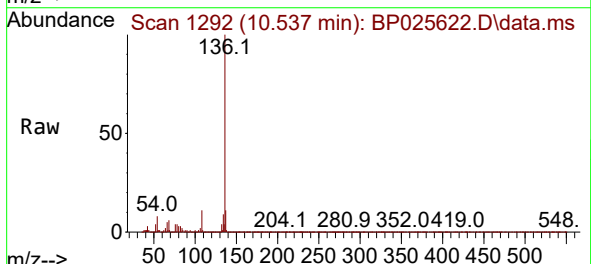
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.7  | 13.7  | 20.5  |
| 71  | 34.0  | 28.2  | 42.4  |

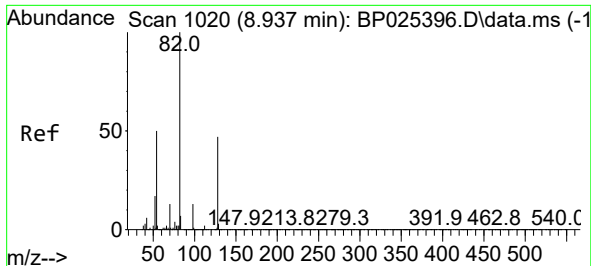


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.537 min Scan# 1292  
Delta R.T. -0.023 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

Tgt Ion: 136 Resp: 768334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.2   | 13.8  |
| 54  | 8.0   | 6.0   | 9.0   |
| 68  | 5.7   | 4.3   | 6.5   |

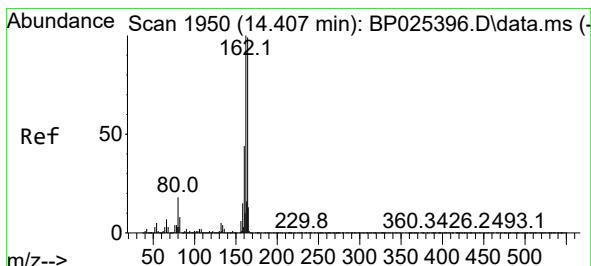
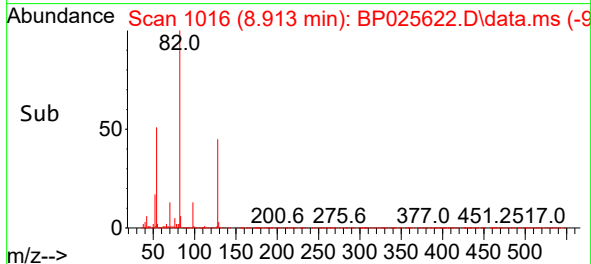
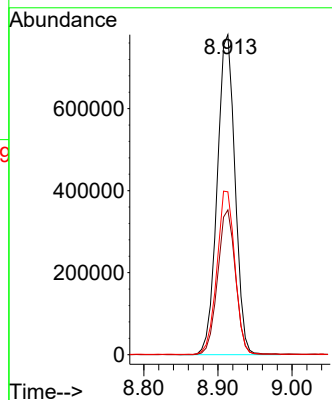
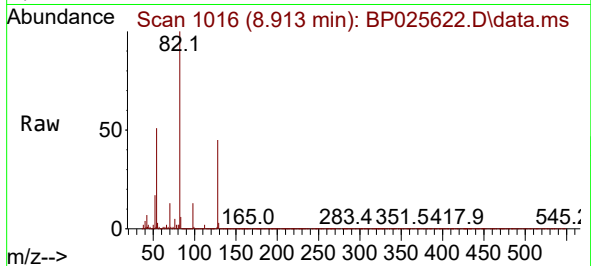




#23  
Nitrobenzene-d5  
Concen: 85.679 ng  
RT: 8.913 min Scan# 1016  
Delta R.T. -0.023 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

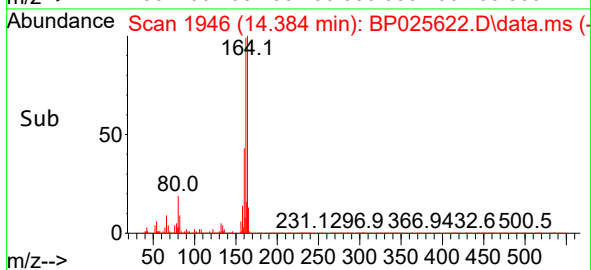
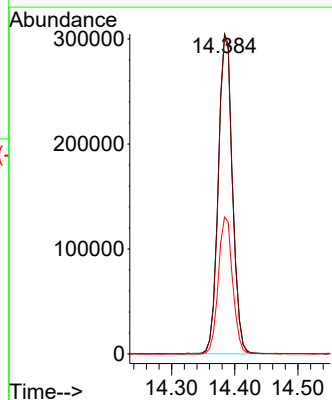
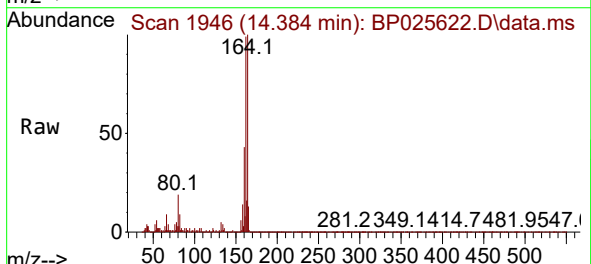
Instrument :  
BNA\_P  
ClientSampleId :  
TP2

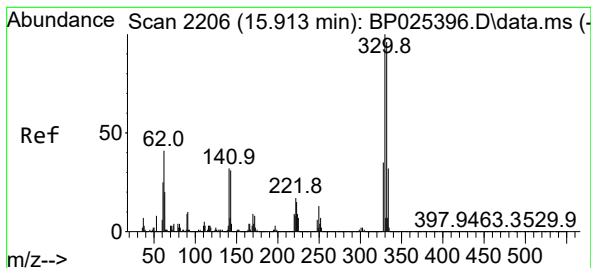
Tgt Ion: 82 Resp: 1301356  
Ion Ratio Lower Upper  
82 100  
128 45.3 37.7 56.5  
54 50.9 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.384 min Scan# 1946  
Delta R.T. -0.023 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

Tgt Ion: 164 Resp: 473080  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.0 121.6  
160 42.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 140.375 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Instrument :

BNA\_P

ClientSampleId :

TP2

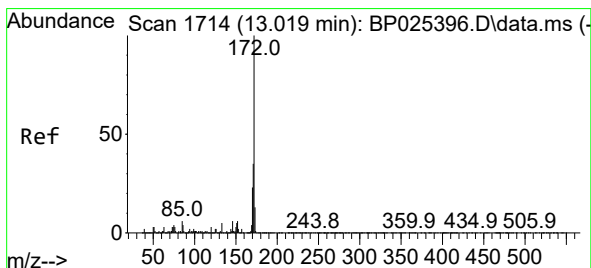
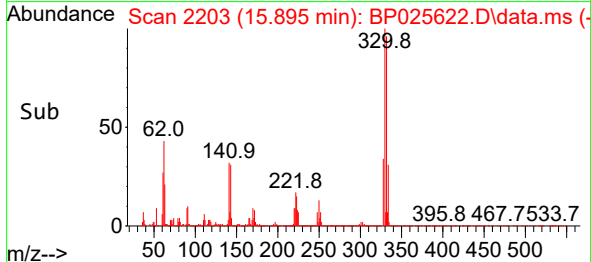
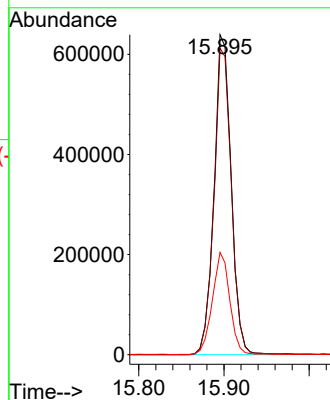
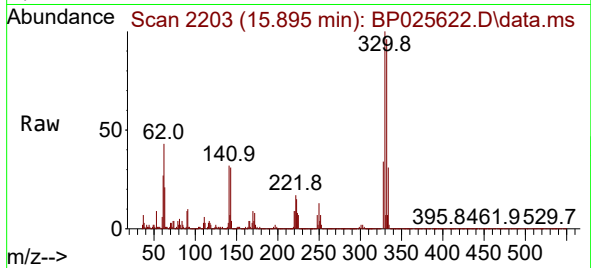
Tgt Ion:330 Resp: 893866

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 79.786 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

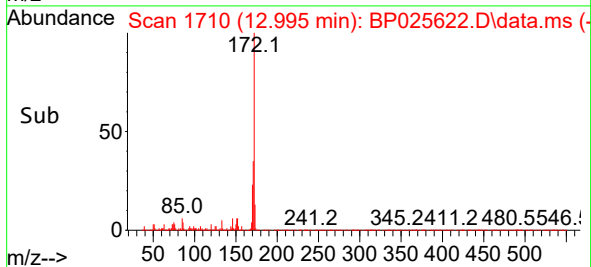
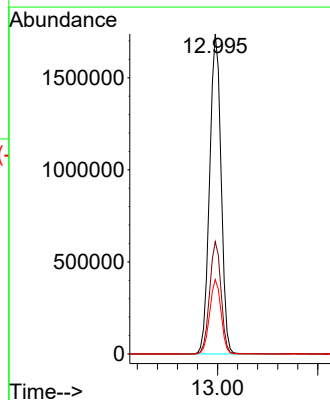
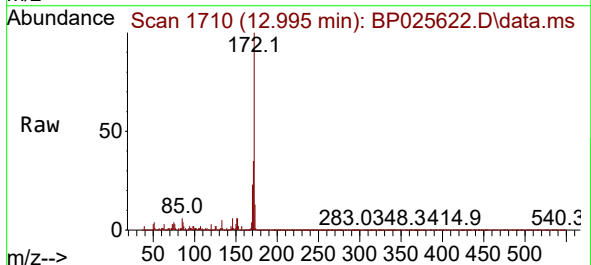
Tgt Ion:172 Resp: 2761801

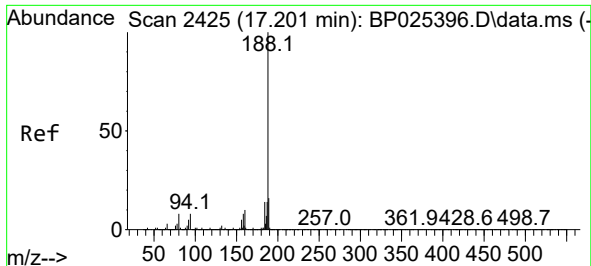
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0

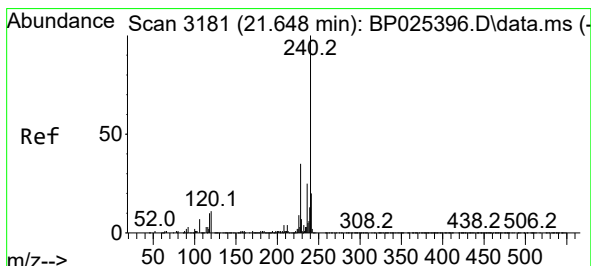
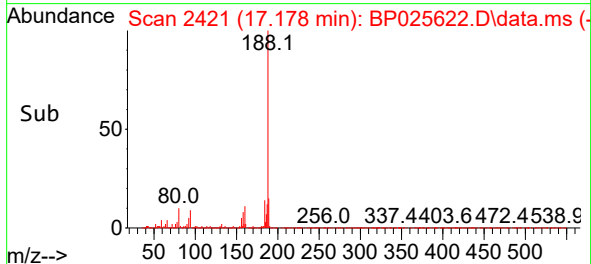
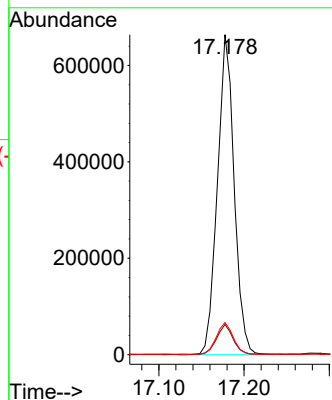
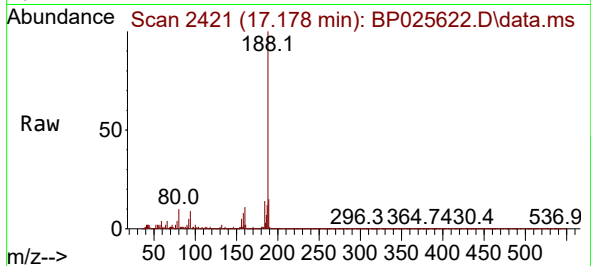




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2425  
Delta R.T. -0.023 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

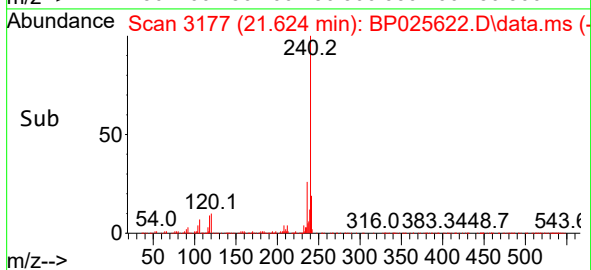
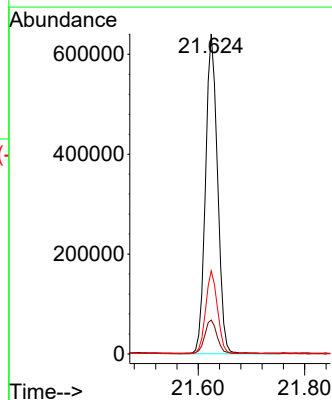
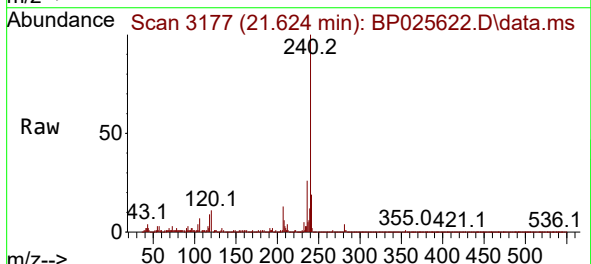
Instrument :  
BNA\_P  
ClientSampleId :  
TP2

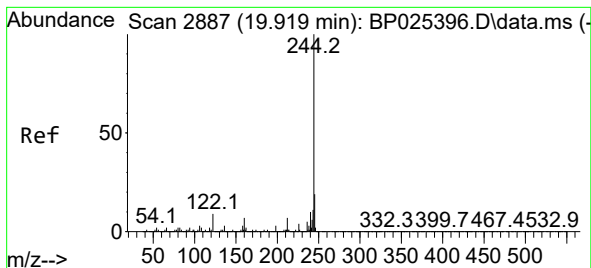
Tgt Ion:188 Resp: 905367  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.6 10.0  
80 10.1 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.624 min Scan# 3177  
Delta R.T. -0.023 min  
Lab File: BP025622.D  
Acq: 29 Aug 2025 12:36

Tgt Ion:240 Resp: 1003120  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.9 13.3  
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 75.033 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Instrument :

BNA\_P

ClientSampleId :

TP2

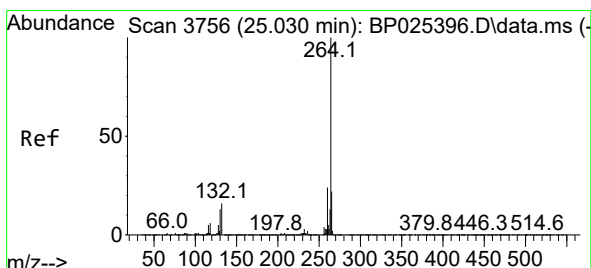
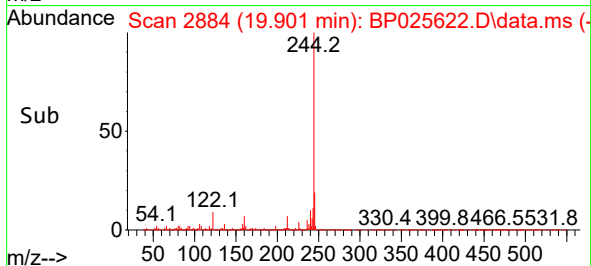
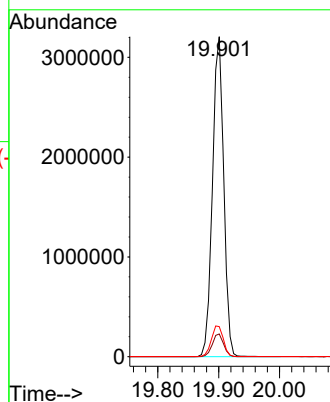
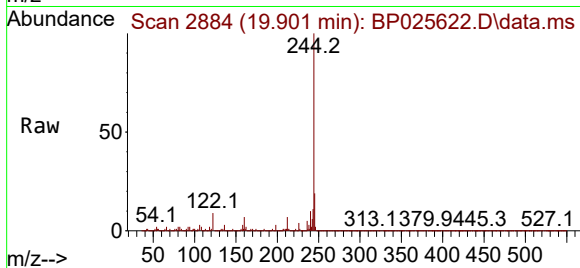
Tgt Ion:244 Resp: 4113930

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Tgt Ion:264 Resp: 1218232

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 17.4 26.0

