

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082625\  
 Data File : BP025585.D  
 Acq On : 26 Aug 2025 14:33  
 Operator : CG/JU  
 Sample : Q2926-01 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-08212025

Quant Time: Aug 26 14:59:18 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

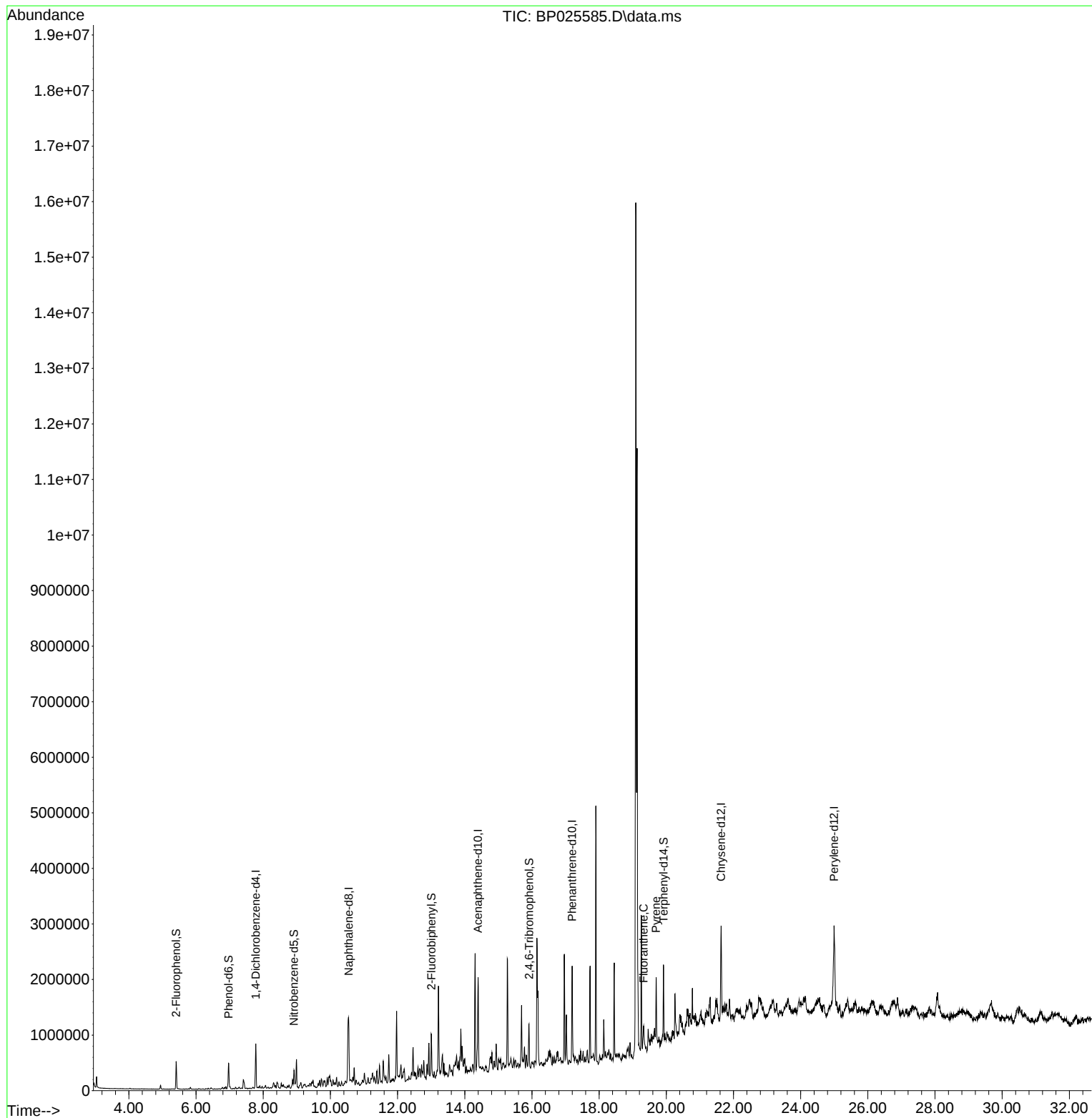
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.778  | 152  | 222499   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.543 | 136  | 884625   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.395 | 164  | 546391   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.195 | 188  | 1066429  | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.630 | 240  | 1114838  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.995 | 264  | 1301194  | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.408  | 112  | 224756   | 16.775 | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 291456   | 16.968 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.913  | 82   | 181667   | 10.388 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.913 | 330  | 128320   | 17.448 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.007 | 172  | 423516   | 10.593 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.919 | 244  | 613255   | 10.064 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 75) Fluoranthene            | 19.319 | 202  | 151168   | 2.163  | ng    | 98       |
| 78) Pyrene                  | 19.695 | 202  | 166456   | 2.297  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

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

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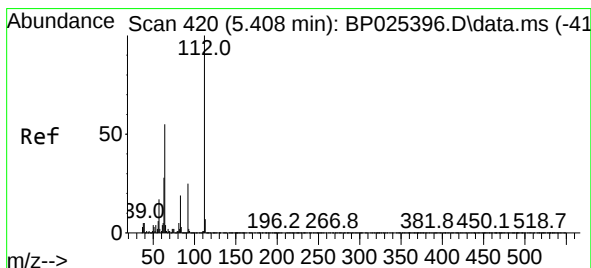
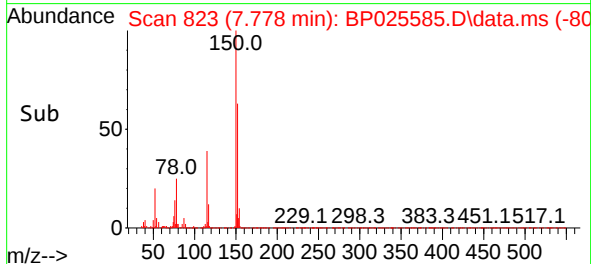
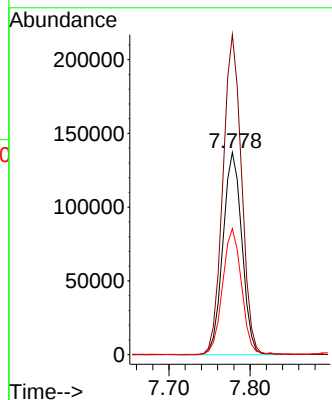
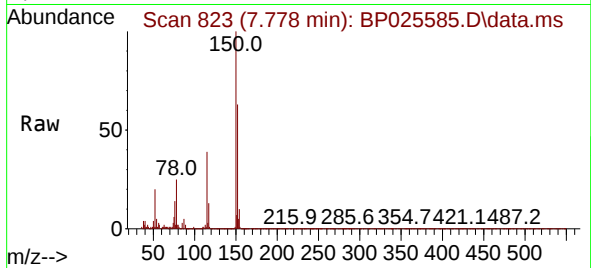




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.778 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

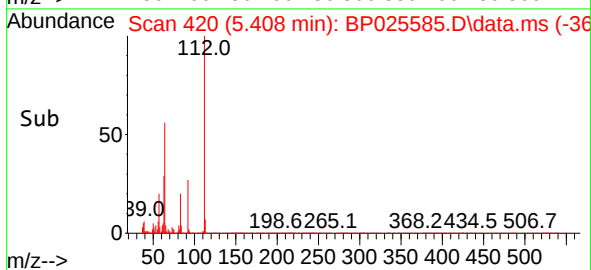
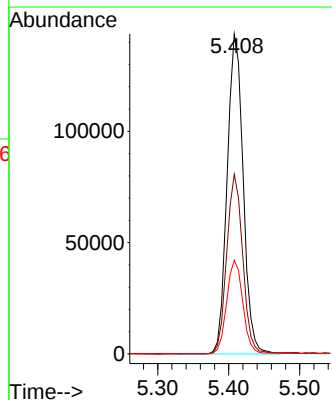
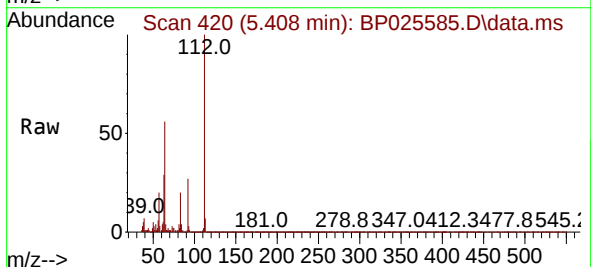
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-08212025

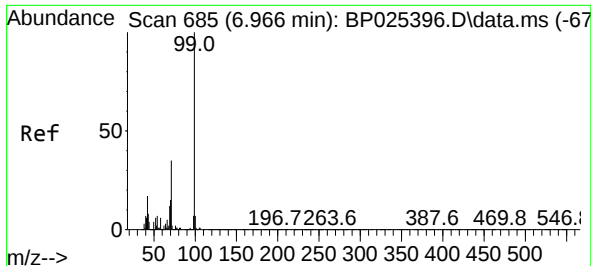
Tgt Ion:152 Resp: 222499  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.9 188.9  
115 62.3 48.5 72.7



#5  
2-Fluorophenol  
Concen: 16.775 ng  
RT: 5.408 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

Tgt Ion:112 Resp: 224756  
Ion Ratio Lower Upper  
112 100  
64 56.1 43.8 65.8  
63 29.3 22.7 34.1

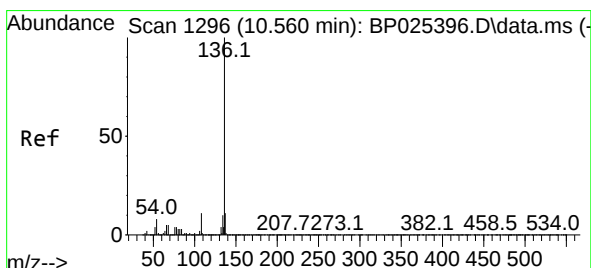
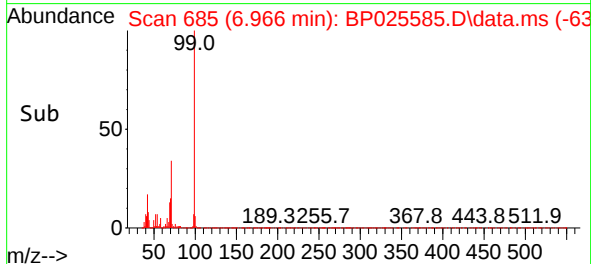
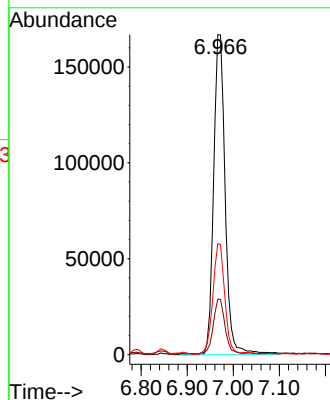
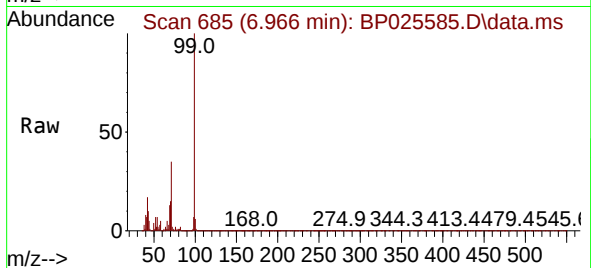




#7  
Phenol-d6  
Concen: 16.968 ng  
RT: 6.966 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

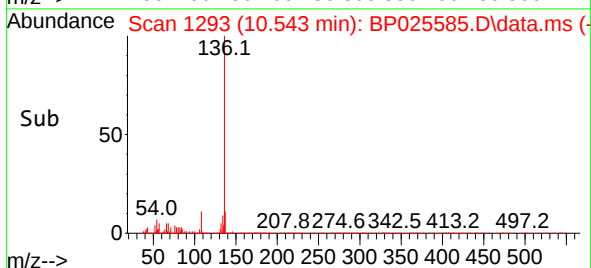
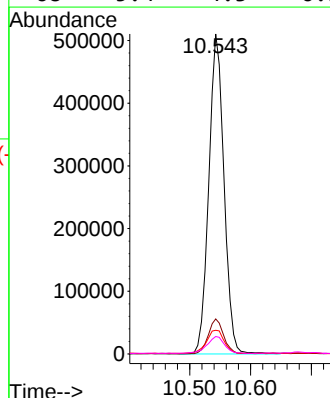
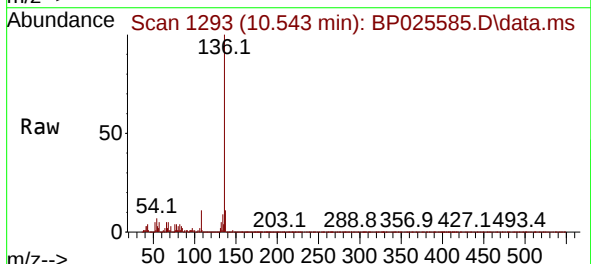
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-08212025

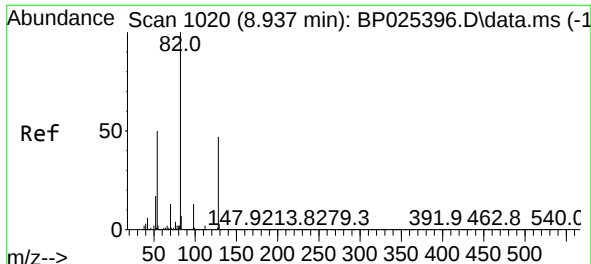
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 291456 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 17.4  | 13.7  | 20.5   |
| 71       | 34.7  | 28.2  | 42.4   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.543 min Scan# 1293  
Delta R.T. -0.018 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 884625 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.2   | 13.8   |
| 54       | 7.4   | 6.0   | 9.0    |
| 68       | 5.4   | 4.3   | 6.5    |

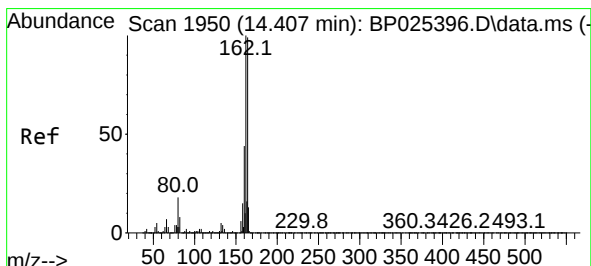
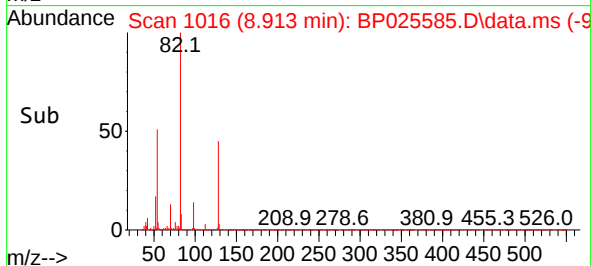
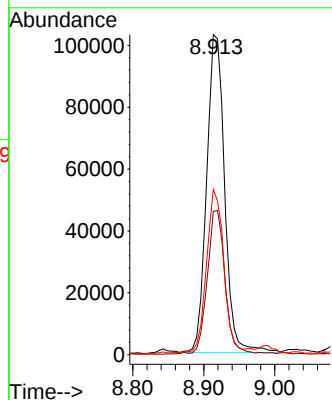
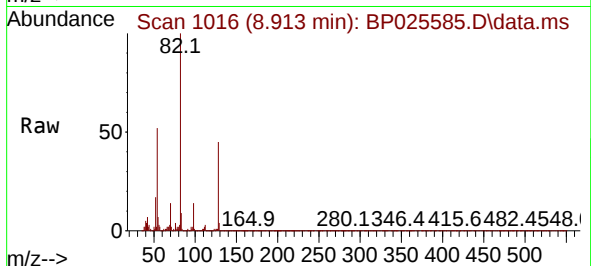




#23  
Nitrobenzene-d5  
Concen: 10.388 ng  
RT: 8.913 min Scan# 1016  
Delta R.T. -0.023 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

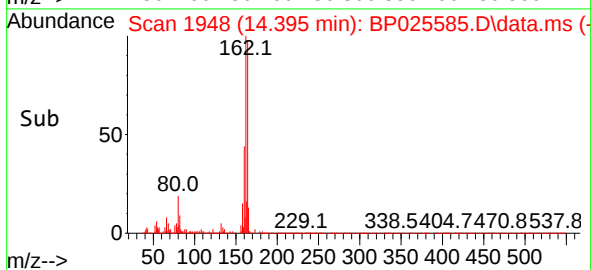
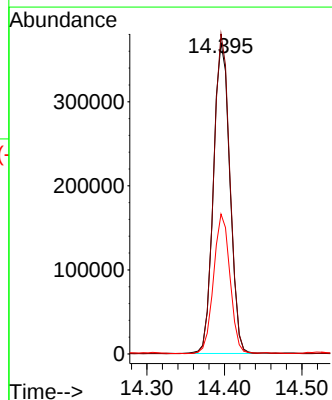
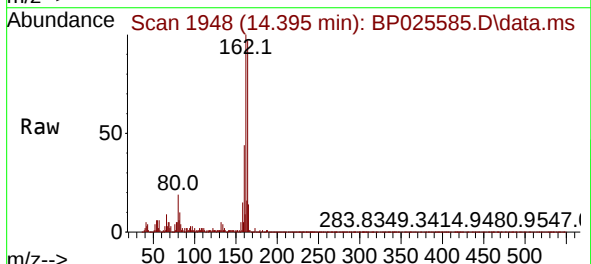
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-08212025

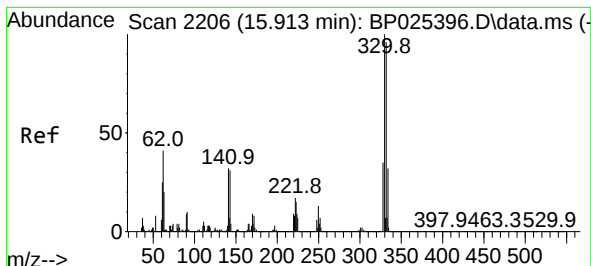
Tgt Ion: 82 Resp: 181667  
Ion Ratio Lower Upper  
82 100  
128 44.7 37.7 56.5  
54 51.6 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.395 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

Tgt Ion:164 Resp: 546391  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.0 121.6  
160 44.9 35.4 53.2

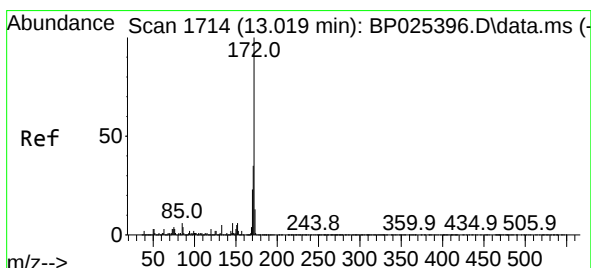
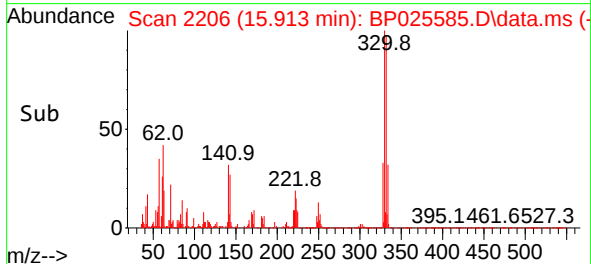
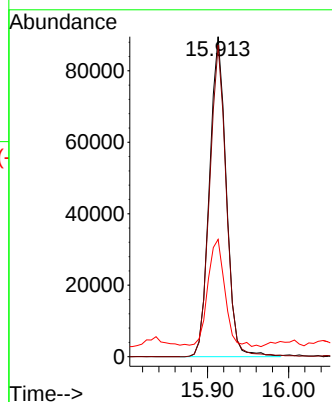
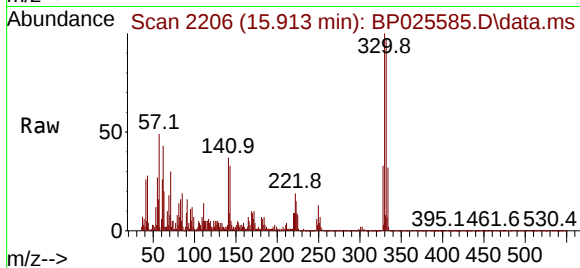




#42  
2,4,6-Tribromophenol  
Concen: 17.448 ng  
RT: 15.913 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

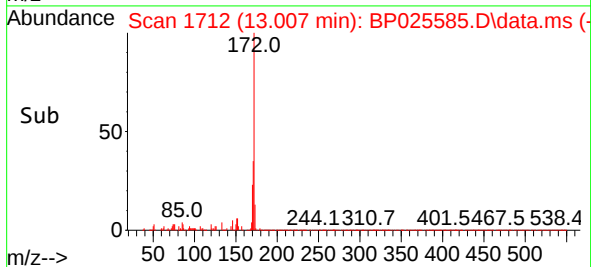
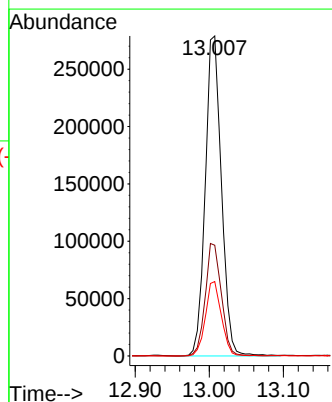
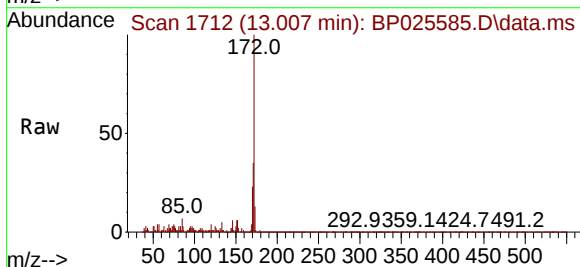
Instrument :  
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ClientSampleId :  
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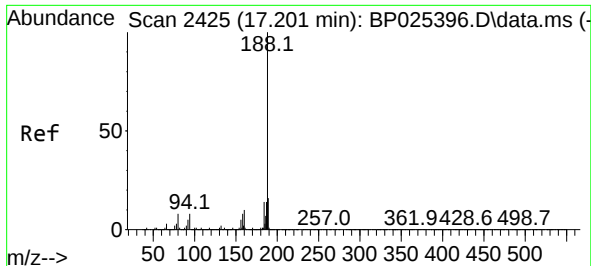
Tgt Ion:330 Resp: 128320  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 33.9 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 10.593 ng  
RT: 13.007 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

Tgt Ion:172 Resp: 423516  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 23.2 18.6 28.0

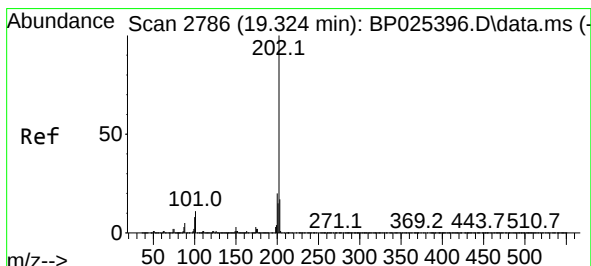
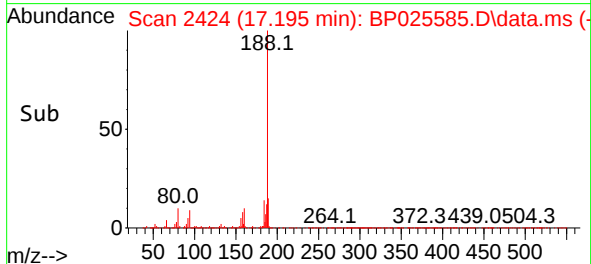
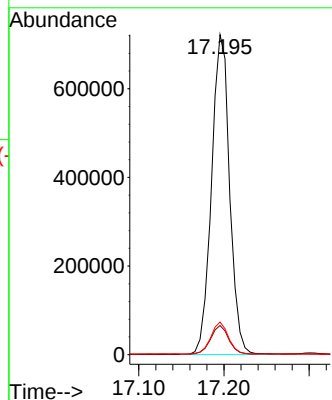
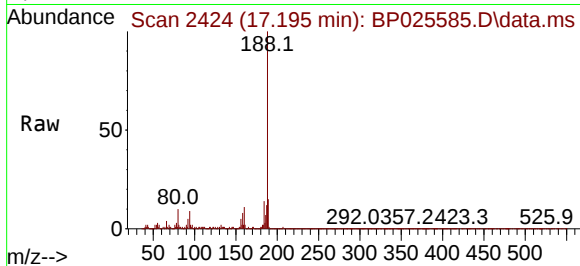




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.195 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

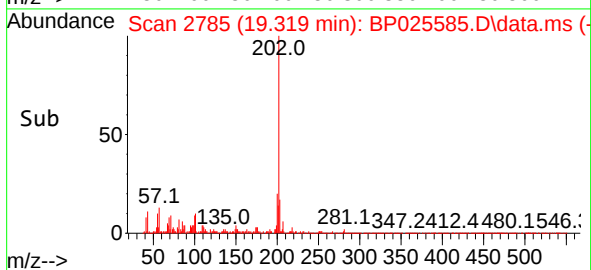
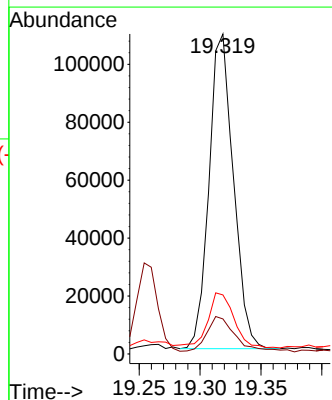
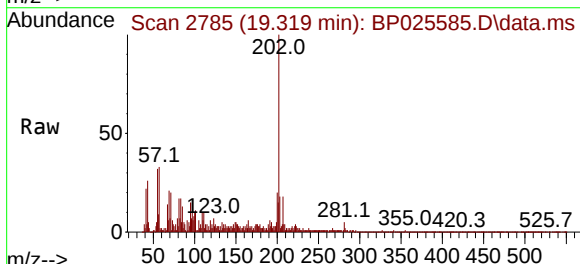
Instrument :  
BNA\_P  
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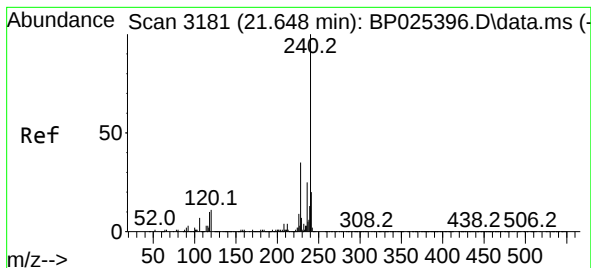
Tgt Ion:188 Resp: 1066429  
Ion Ratio Lower Upper  
188 100  
94 9.1 6.6 10.0  
80 10.2 6.7 10.1#



#75  
Fluoranthene  
Concen: 2.163 ng  
RT: 19.319 min Scan# 2785  
Delta R.T. -0.006 min  
Lab File: BP025585.D  
Acq: 26 Aug 2025 14:33

Tgt Ion:202 Resp: 151168  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.1  
203 18.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025585.D

Acq: 26 Aug 2025 14:33

Instrument :

BNA\_P

ClientSampleId :

TR-04-08212025

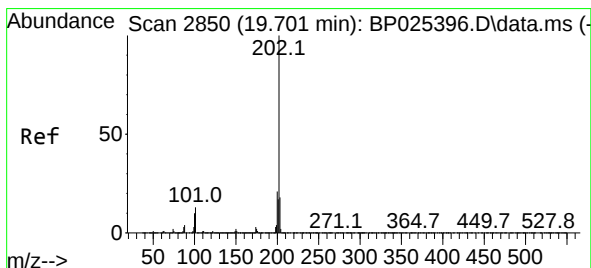
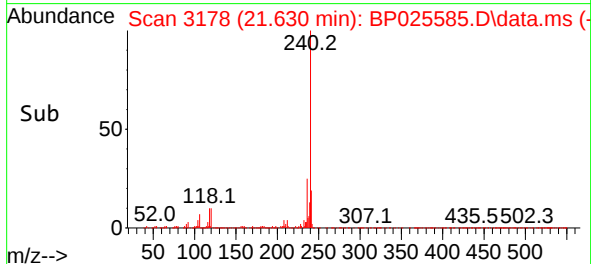
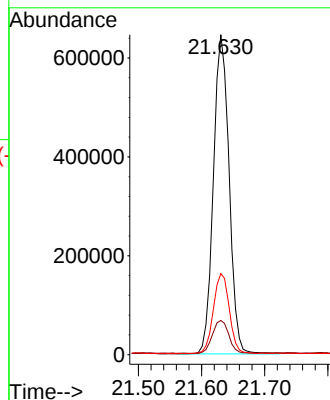
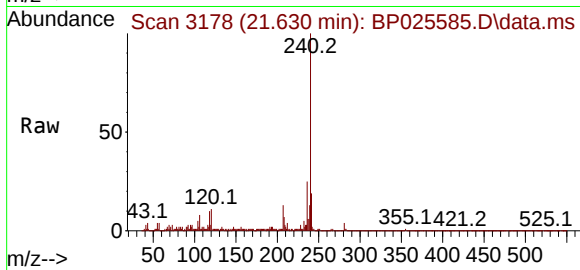
Tgt Ion:240 Resp: 1114838

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.4 19.8 29.8



#78

Pyrene

Concen: 2.297 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025585.D

Acq: 26 Aug 2025 14:33

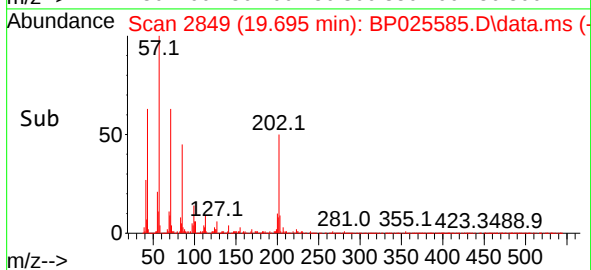
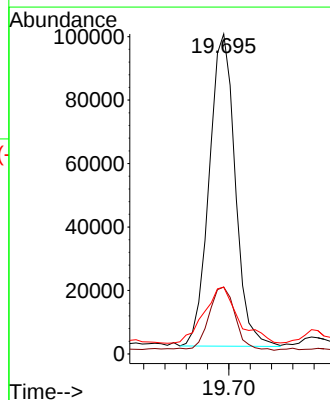
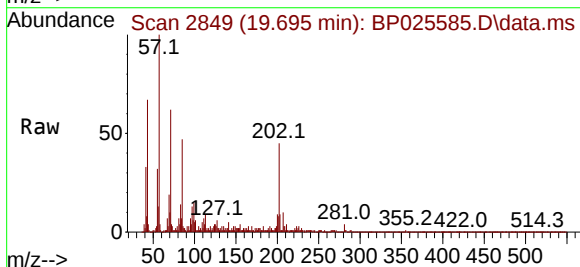
Tgt Ion:202 Resp: 166456

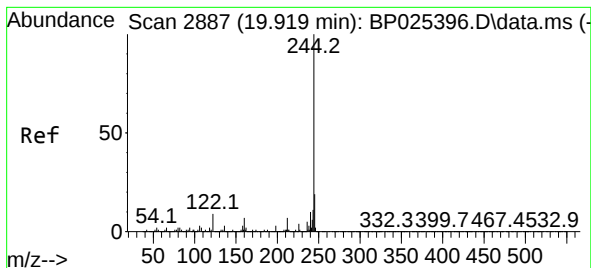
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 20.9 14.2 21.2





#79

Terphenyl-d14

Concen: 10.064 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025585.D

Acq: 26 Aug 2025 14:33

Instrument :

BNA\_P

ClientSampleId :

TR-04-08212025

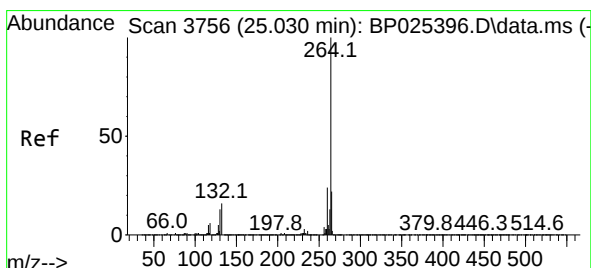
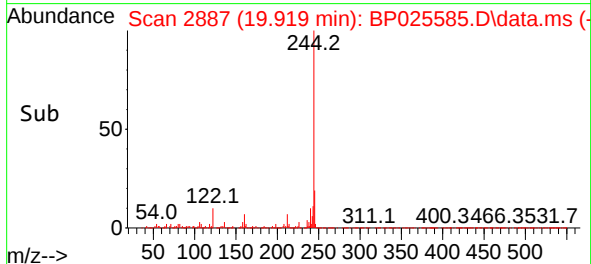
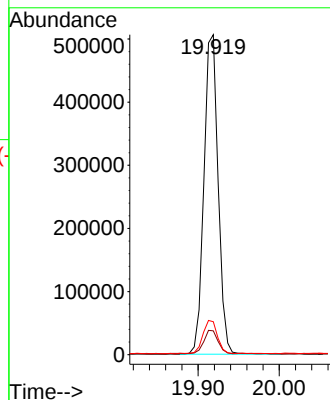
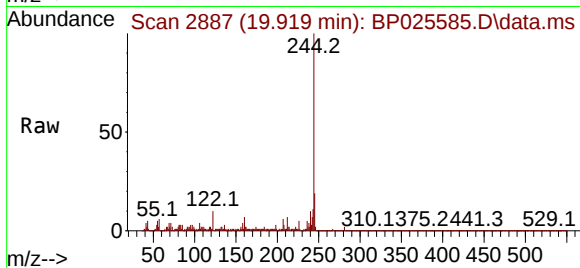
Tgt Ion:244 Resp: 613255

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.3 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: BP025585.D

Acq: 26 Aug 2025 14:33

Tgt Ion:264 Resp: 1301194

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.7 17.4 26.0

