

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081225\  
 Data File : BP025368.D  
 Acq On : 12 Aug 2025 15:40  
 Operator : CG/JU  
 Sample : PB169149TB  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169149TB

Quant Time: Aug 12 16:02:59 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

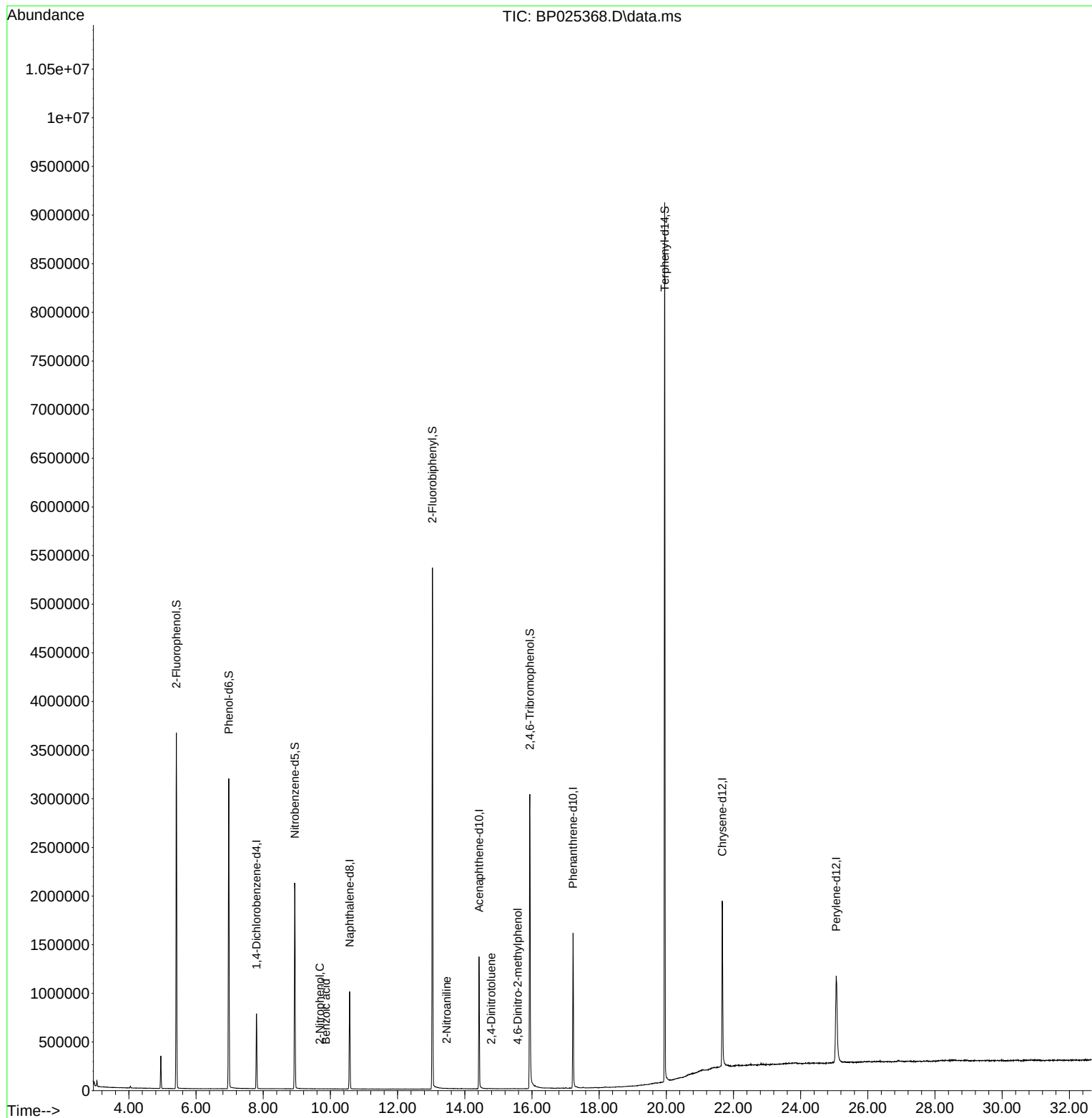
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.802  | 152  | 216198   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.572 | 136  | 822002   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.425 | 164  | 481171   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 966595   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.666 | 240  | 1099080  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.059 | 264  | 1180748  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.413  | 112  | 1602688  | 119.229 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.972  | 99   | 1882681  | 106.421 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.937  | 82   | 1217011  | 82.024  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.936 | 330  | 679469   | 141.549 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.037 | 172  | 2723558  | 78.180  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.954 | 244  | 4447639  | 76.433  | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.684  | 139  | 39       | 3.644   | ng    | # 1      |
| 32) Benzoic acid              | 9.860  | 122  | 133      | 5.972   | ng    | # 33     |
| 48) 2-Nitroaniline            | 13.466 | 65   | 205      | 2.988   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.789 | 165  | 133      | 3.267   | ng    | # 60     |
| 65) 4,6-Dinitro-2-methylph... | 15.572 | 198  | 19       | 4.840   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

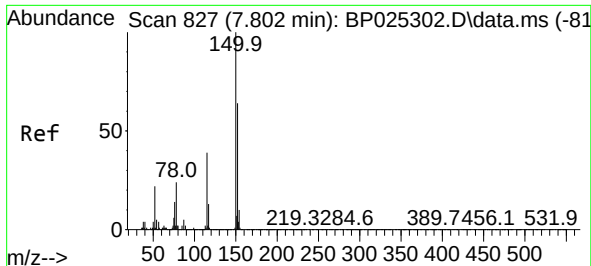
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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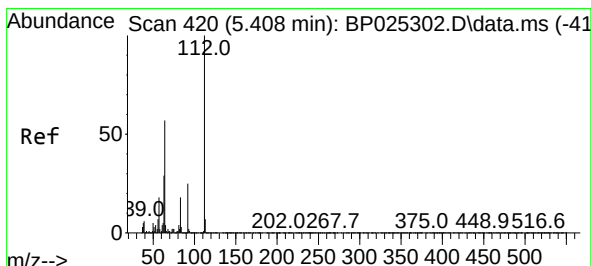
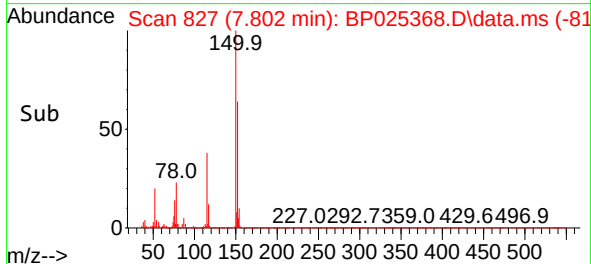
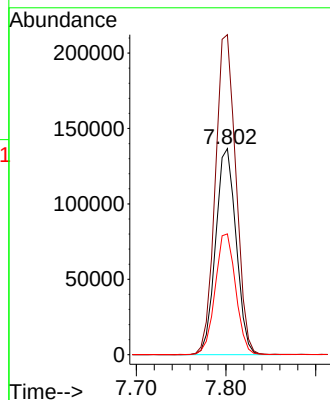
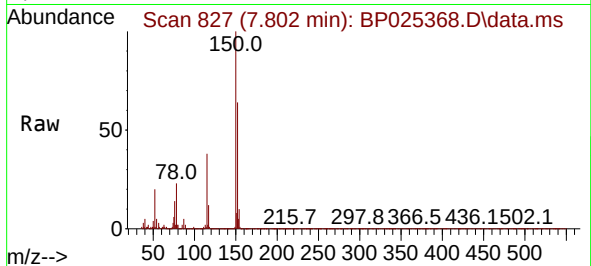




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.802 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

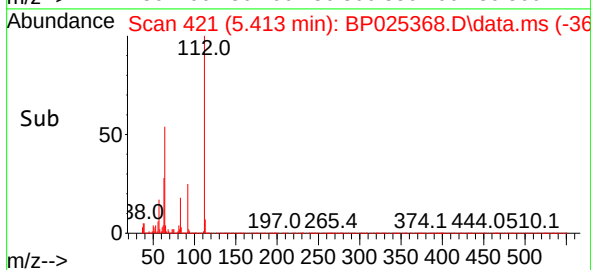
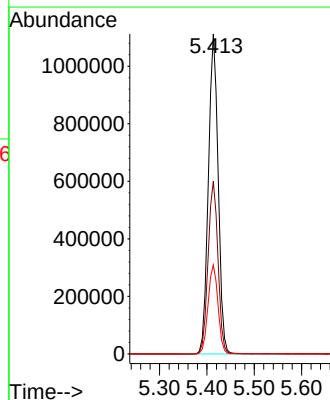
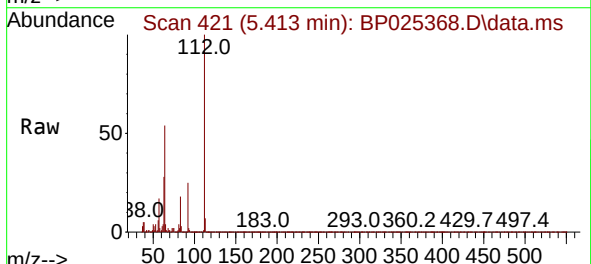
Instrument :  
BNA\_P  
ClientSampleId :  
PB169149TB

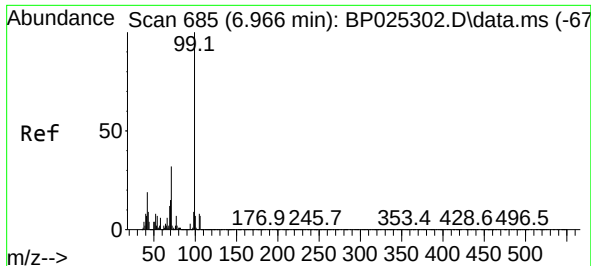
Tgt Ion:152 Resp: 216198  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.1 187.7  
115 58.7 48.4 72.6



#5  
2-Fluorophenol  
Concen: 119.229 ng  
RT: 5.413 min Scan# 421  
Delta R.T. 0.005 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion:112 Resp: 1602688  
Ion Ratio Lower Upper  
112 100  
64 54.0 45.3 67.9  
63 27.8 23.0 34.6

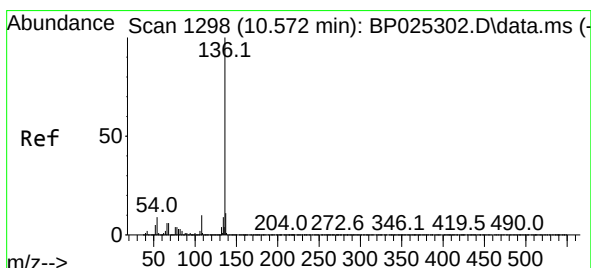
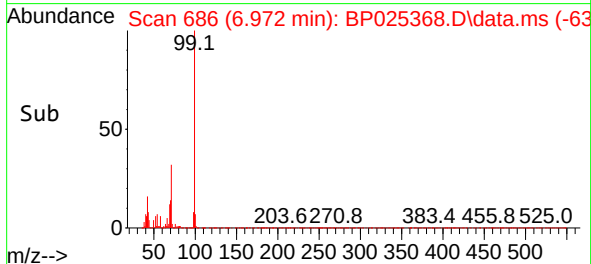
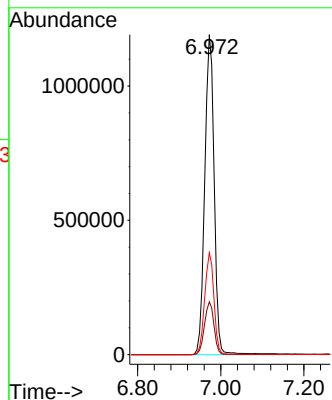
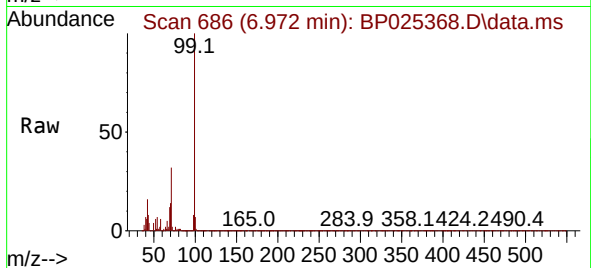




#7  
Phenol-d6  
Concen: 106.421 ng  
RT: 6.972 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

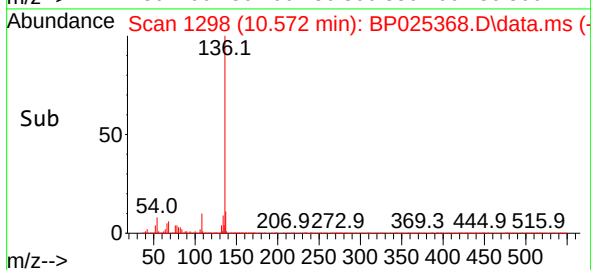
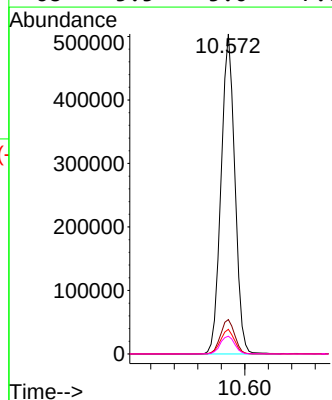
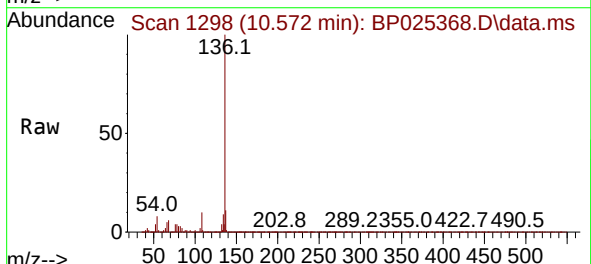
Instrument :  
BNA\_P  
ClientSampleId :  
PB169149TB

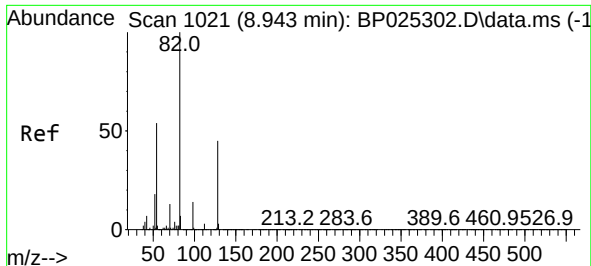
Tgt Ion: 99 Resp: 1882681  
Ion Ratio Lower Upper  
99 100  
42 16.5 15.0 22.6  
71 31.8 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.572 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion: 136 Resp: 822002  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.7 7.0 10.6  
68 5.5 5.0 7.6

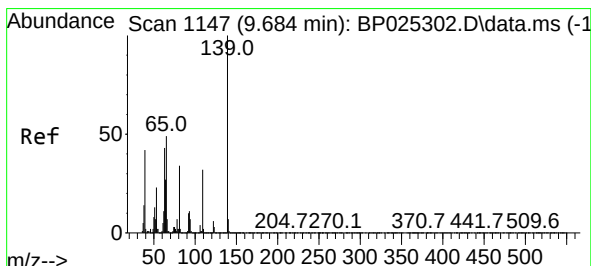
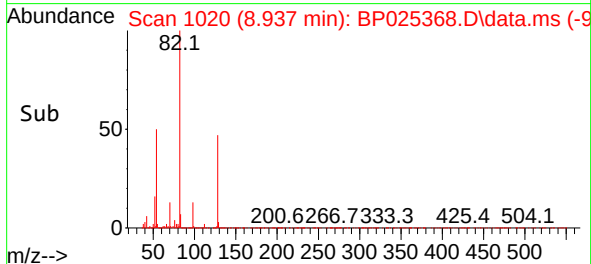
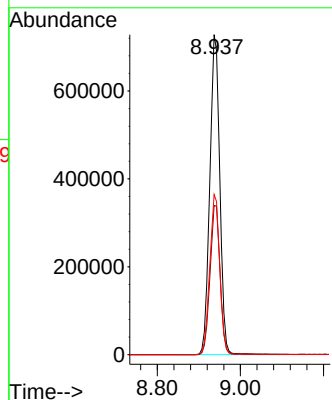
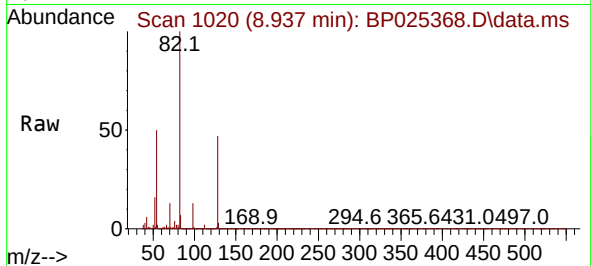




#23  
Nitrobenzene-d5  
Concen: 82.024 ng  
RT: 8.937 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

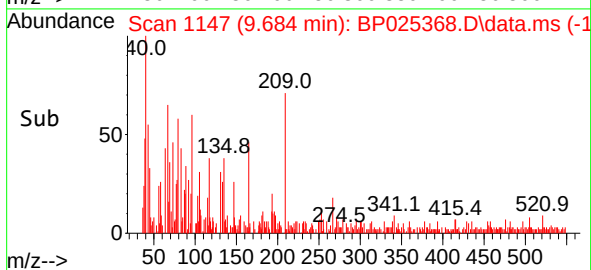
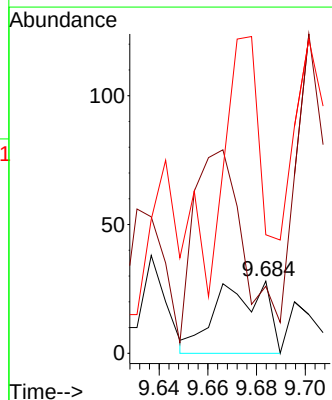
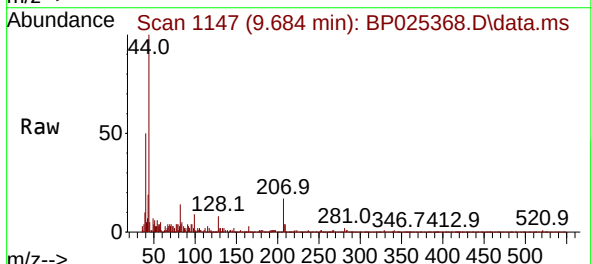
Instrument :  
BNA\_P  
ClientSampleId :  
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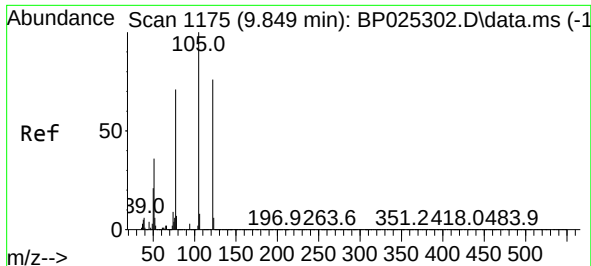
Tgt Ion: 82 Resp: 1217011  
Ion Ratio Lower Upper  
82 100  
128 46.6 35.4 53.2  
54 50.0 42.9 64.3



#26  
2-Nitrophenol  
Concen: 3.644 ng  
RT: 9.684 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion:139 Resp: 39  
Ion Ratio Lower Upper  
139 100  
109 92.9 25.2 37.8#  
65 164.3 39.6 59.4#

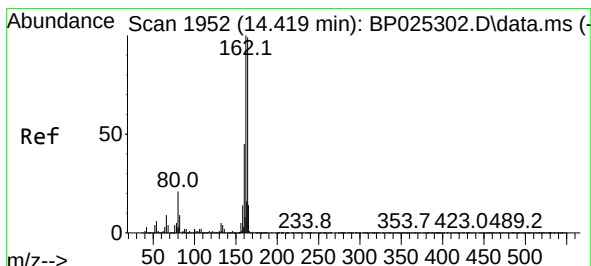
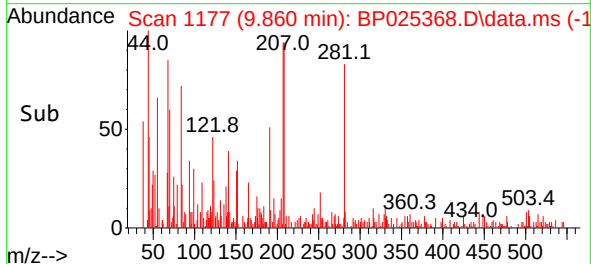
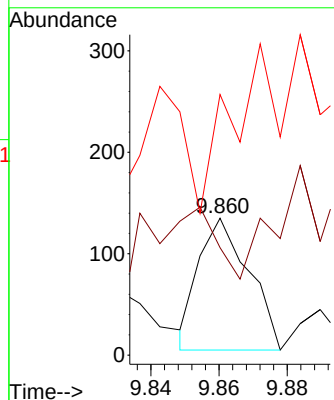
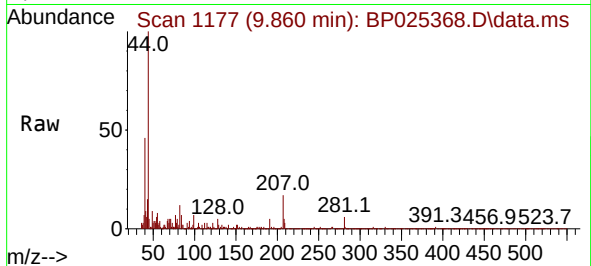




#32  
Benzoic acid  
Concen: 5.972 ng  
RT: 9.860 min Scan# 1175  
Delta R.T. 0.011 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

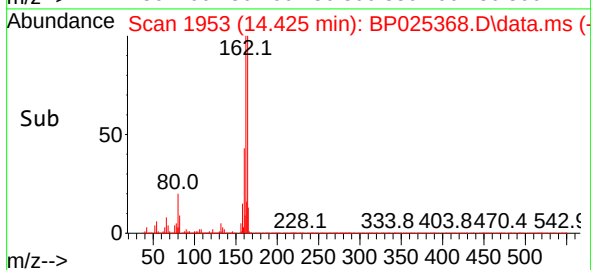
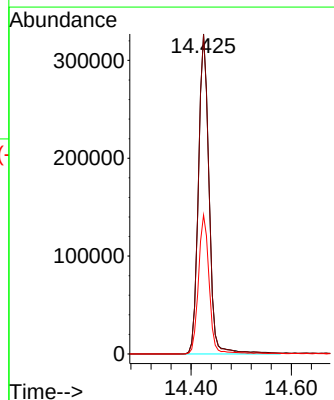
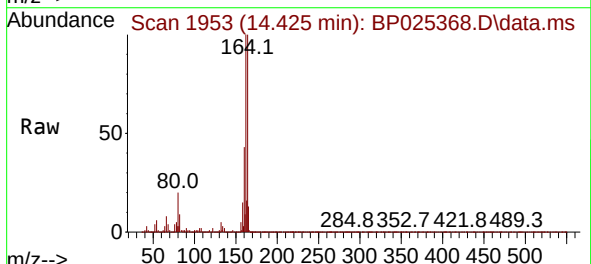
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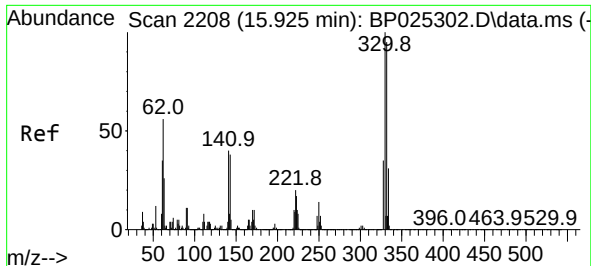
Tgt Ion:122 Resp: 133  
Ion Ratio Lower Upper  
122 100  
105 78.5 104.0 144.0#  
77 190.4 71.8 111.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.425 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion:164 Resp: 481171  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.6 120.8  
160 43.4 35.9 53.9

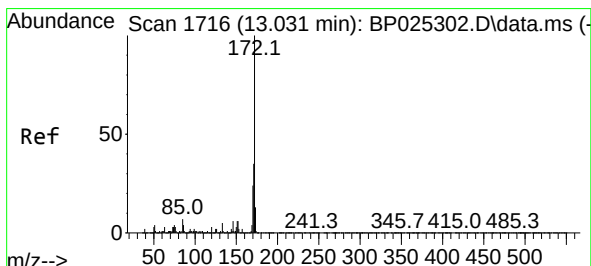
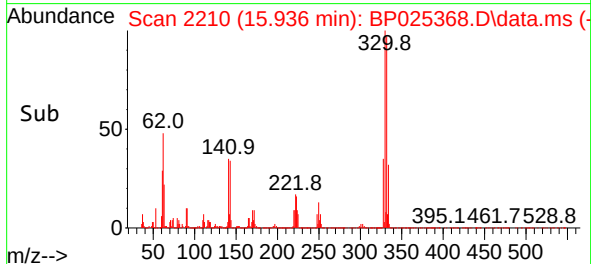
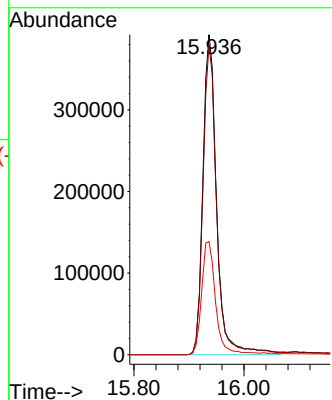
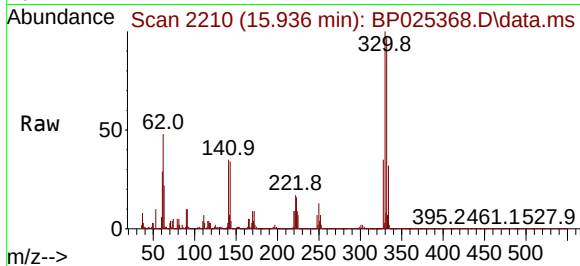




#42  
2,4,6-Tribromophenol  
Concen: 141.549 ng  
RT: 15.936 min Scan# 21  
Delta R.T. 0.011 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

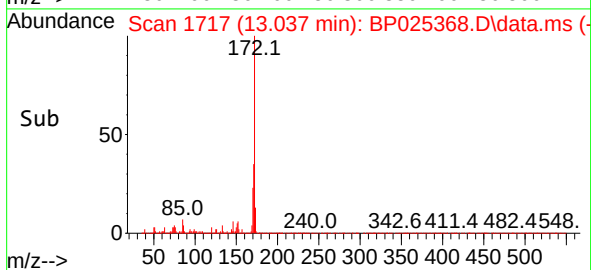
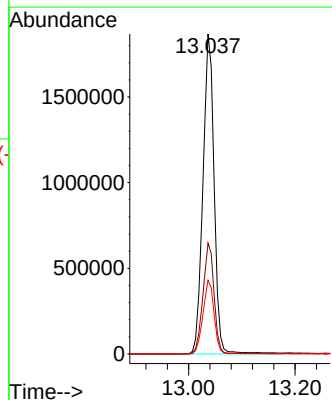
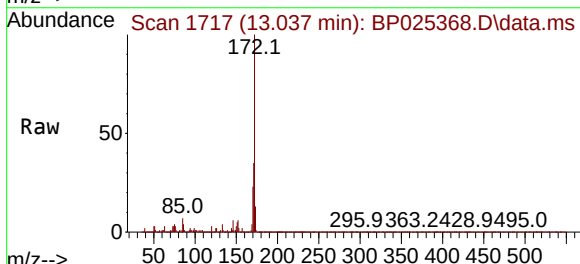
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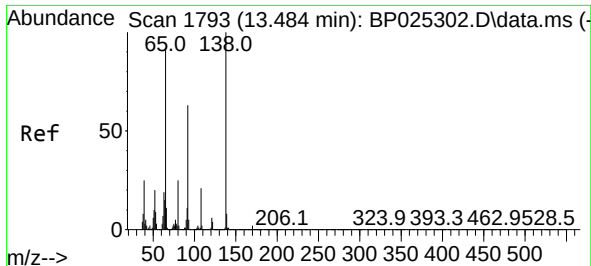
Tgt Ion:330 Resp: 679469  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.4 116.0  
141 36.2 31.7 47.5



#45  
2-Fluorobiphenyl  
Concen: 78.180 ng  
RT: 13.037 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion:172 Resp: 2723558  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.9 41.9  
170 23.1 18.9 28.3

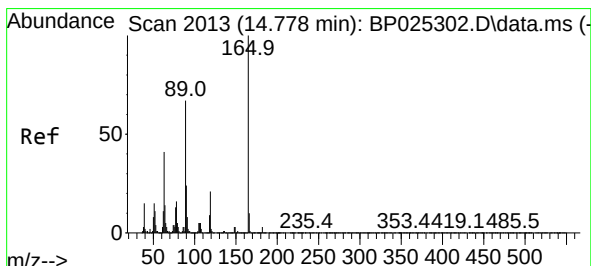
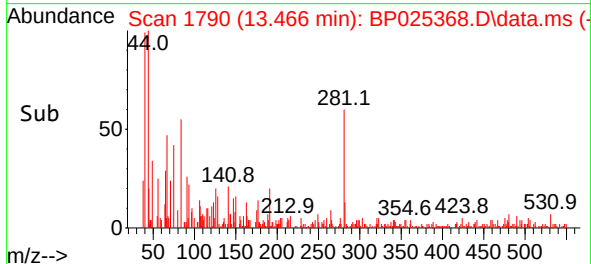
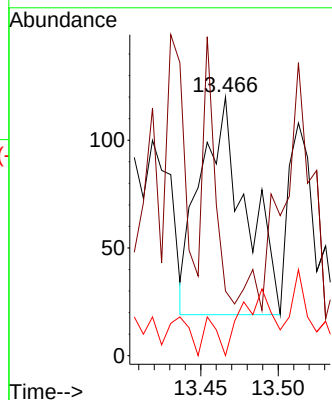
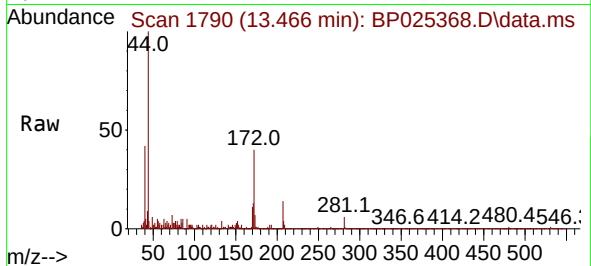




#48  
2-Nitroaniline  
Concen: 2.988 ng  
RT: 13.466 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

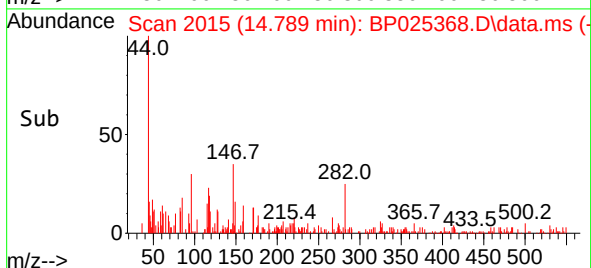
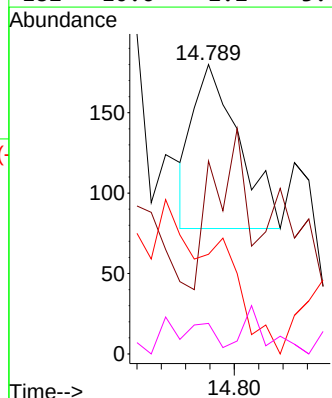
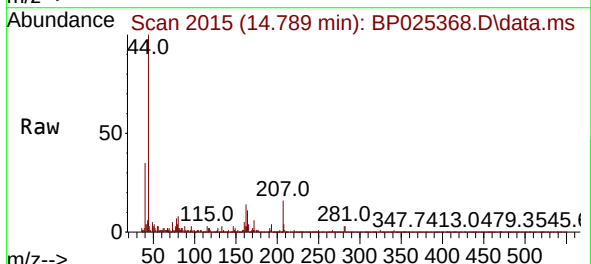
Instrument :  
BNA\_P  
ClientSampleId :  
PB169149TB

Tgt Ion: 65 Resp: 205  
Ion Ratio Lower Upper  
65 100  
92 25.0 54.4 81.6#  
138 0.0 87.0 130.4#

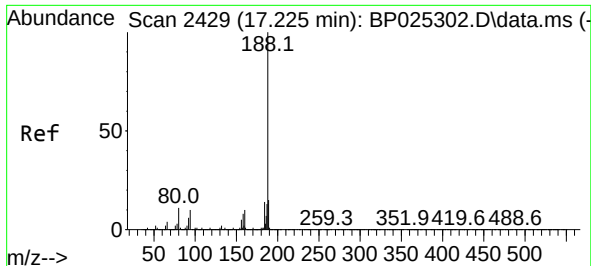


#57  
2,4-Dinitrotoluene  
Concen: 3.267 ng  
RT: 14.789 min Scan# 2015  
Delta R.T. 0.011 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion: 165 Resp: 133  
Ion Ratio Lower Upper  
165 100  
63 66.7 33.2 49.8#  
89 34.4 53.5 80.3#  
182 10.6 2.2 3.4#



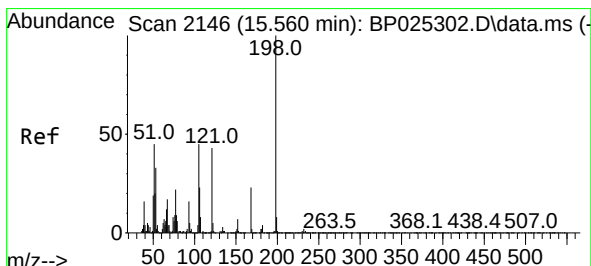
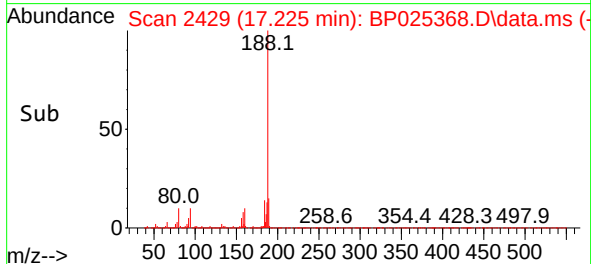
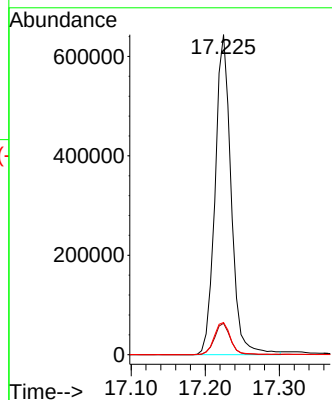
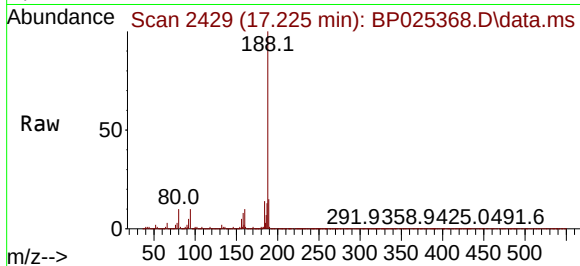




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

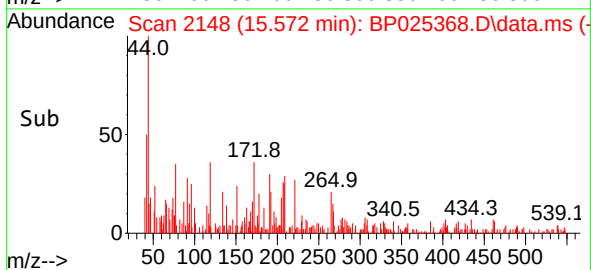
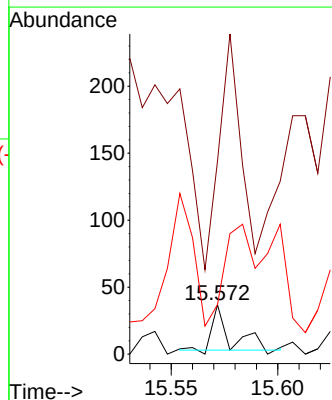
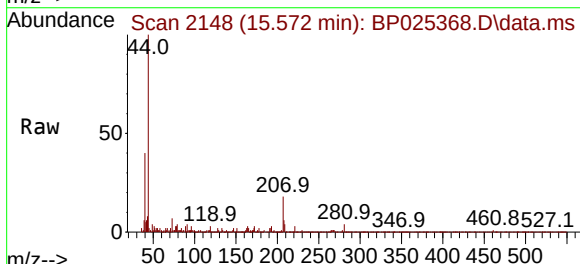
Instrument :  
BNA\_P  
ClientSampleId :  
PB169149TB

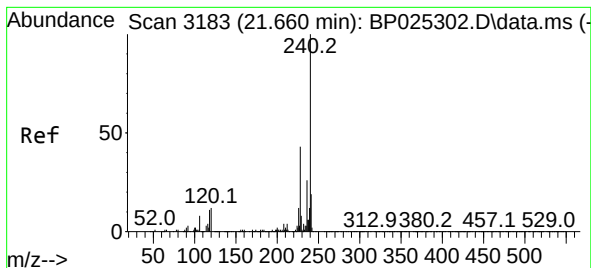
Tgt Ion:188 Resp: 966595  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.0 12.0  
80 10.1 8.5 12.7



#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.840 ng  
RT: 15.572 min Scan# 2148  
Delta R.T. 0.012 min  
Lab File: BP025368.D  
Acq: 12 Aug 2025 15:40

Tgt Ion:198 Resp: 19  
Ion Ratio Lower Upper  
198 100  
51 389.2 26.7 66.7#  
105 100.0 25.6 65.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.666 min Scan# 3184

Delta R.T. 0.006 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

Instrument :

BNA\_P

ClientSampleId :

PB169149TB

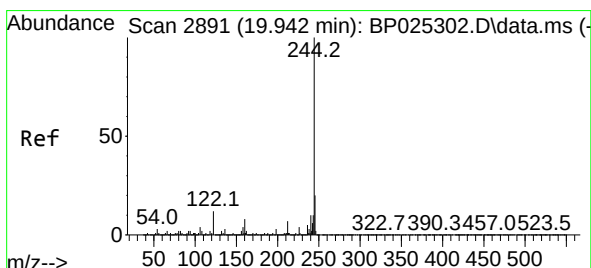
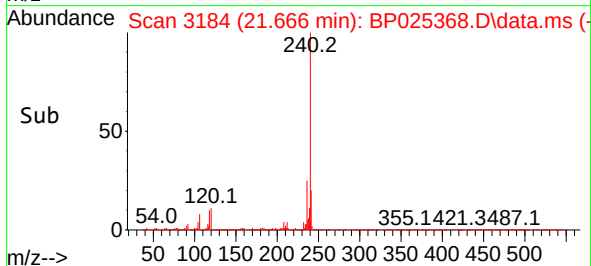
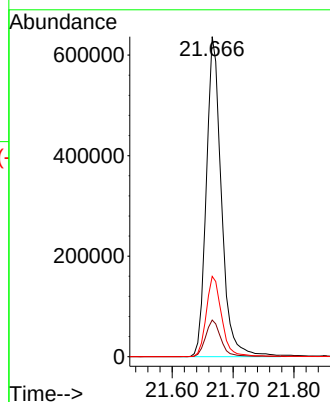
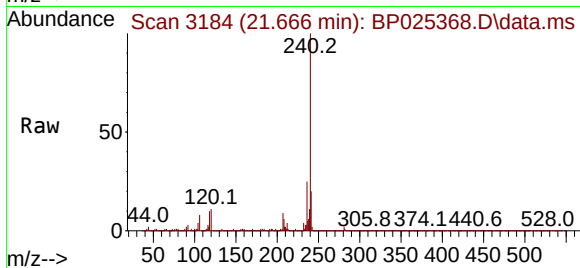
Tgt Ion:240 Resp: 1099080

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

236 25.1 20.4 30.6



#79

Terphenyl-d14

Concen: 76.433 ng

RT: 19.954 min Scan# 2893

Delta R.T. 0.012 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

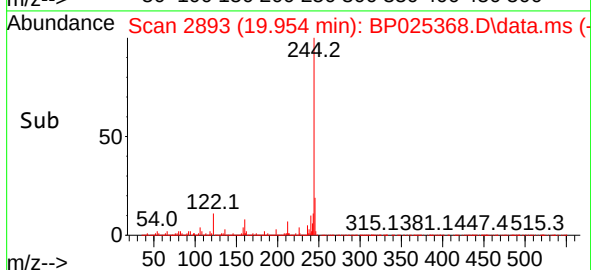
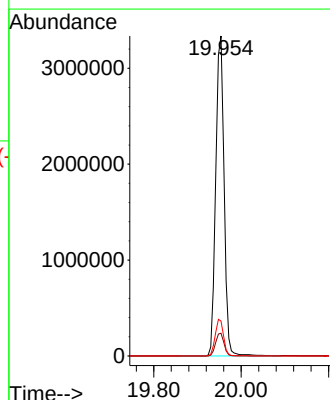
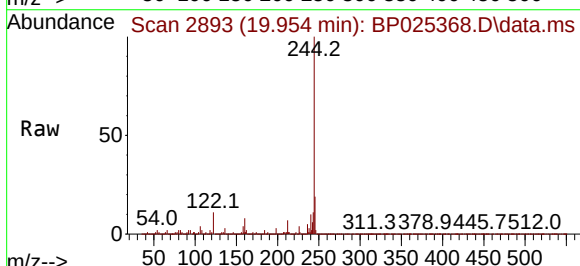
Tgt Ion:244 Resp: 4447639

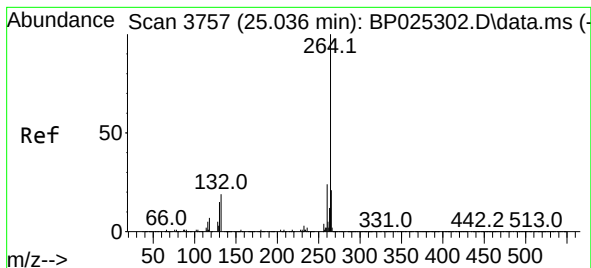
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.9 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

Instrument :

BNA\_P

ClientSampleId :

PB169149TB

Tgt Ion:264 Resp: 1180748

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.8 17.1 25.7

