

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072925\  
 Data File : BP025271.D  
 Acq On : 29 Jul 2025 21:35  
 Operator : CG/JU  
 Sample : Q2691-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 299

Quant Time: Jul 30 01:41:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 29 15:28:11 2025  
 Response via : Initial Calibration

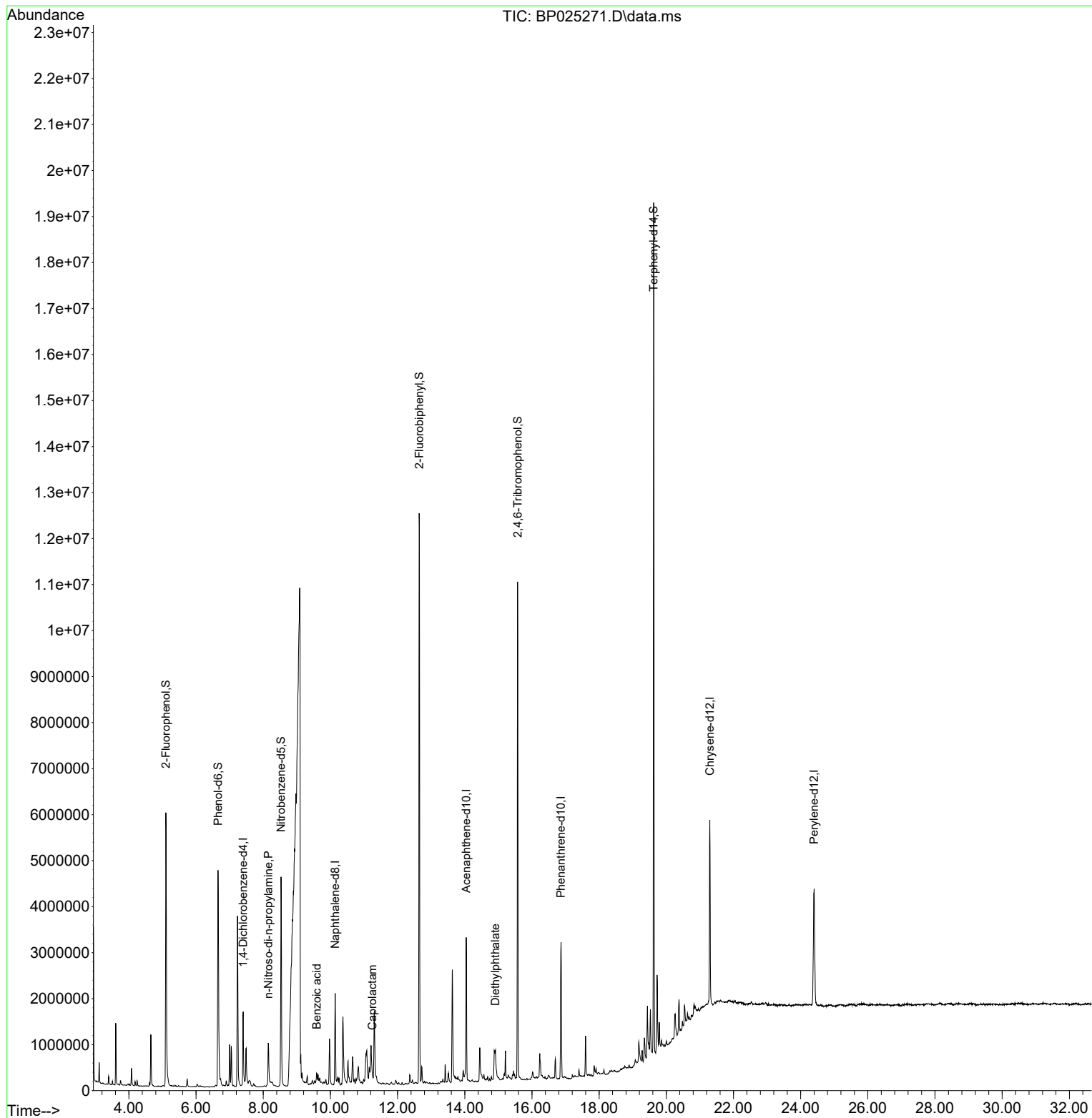
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.402  | 152  | 435911   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.143 | 136  | 1673140  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.042 | 164  | 1051083  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.866 | 188  | 2137781  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.295 | 240  | 2362404  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.401 | 264  | 2710391  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.102  | 112  | 3196883  | 123.915 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.655  | 99   | 3612992  | 113.071 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.531  | 82   | 2592649  | 86.115  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.572 | 330  | 2021284  | 130.445 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.643 | 172  | 6398438  | 85.822  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.625 | 244  | 8662485  | 72.384  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 8.149  | 70   | 170779   | 8.884   | ng    | # 61     |
| 32) Benzoic acid              | 9.596  | 122  | 108963   | 5.535   | ng    | 100      |
| 35) Caprolactam               | 11.248 | 113  | 22076    | 2.511   | ng    | # 1      |
| 60) Diethylphthalate          | 14.913 | 149  | 223953   | 3.023   | ng    | 100      |
| -----                         |        |      |          |         |       |          |

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

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QLast Update : Tue Jul 29 15:28:11 2025  
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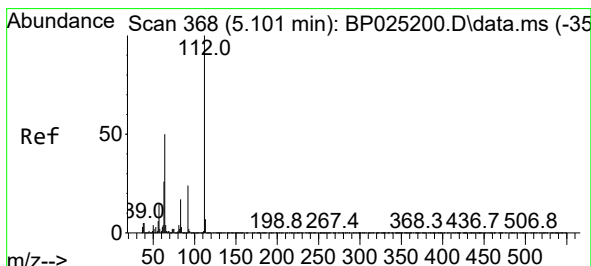
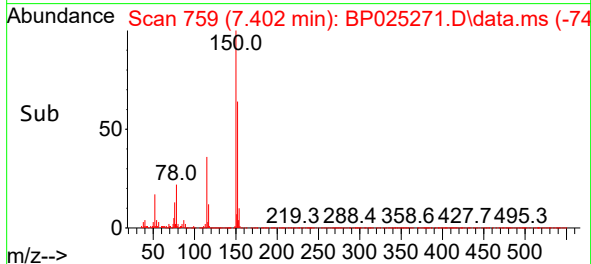
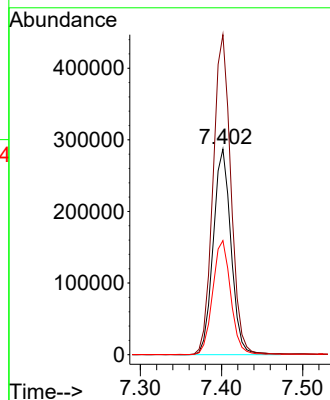
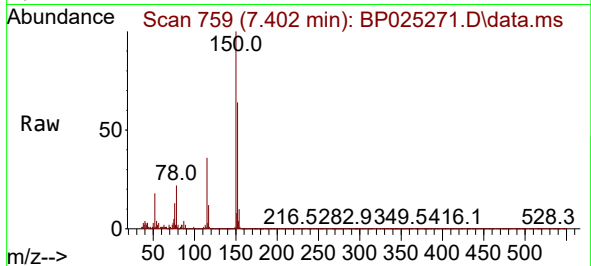




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.402 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

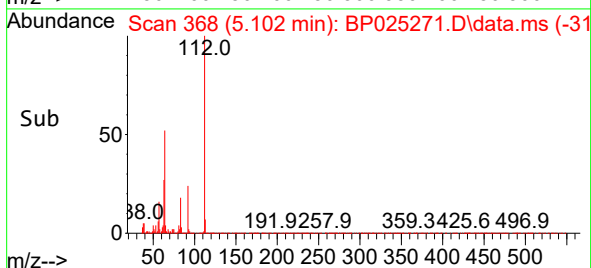
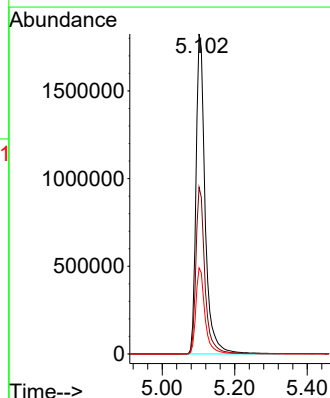
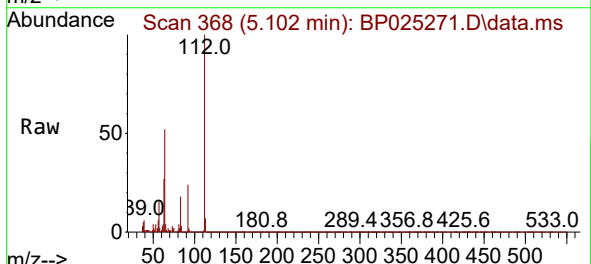
Instrument :  
BNA\_P  
ClientSampleId :  
299

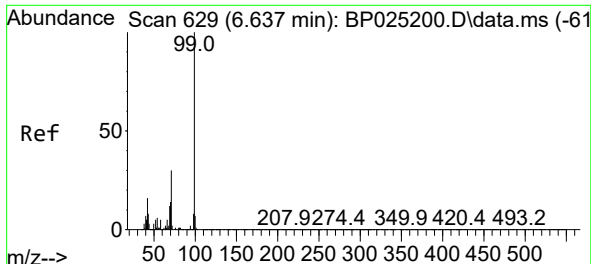
Tgt Ion:152 Resp: 435911  
Ion Ratio Lower Upper  
152 100  
150 155.6 121.9 182.9  
115 55.5 43.0 64.6



#5  
2-Fluorophenol  
Concen: 123.915 ng  
RT: 5.102 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

Tgt Ion:112 Resp: 3196883  
Ion Ratio Lower Upper  
112 100  
64 52.1 39.8 59.6  
63 26.9 20.5 30.7

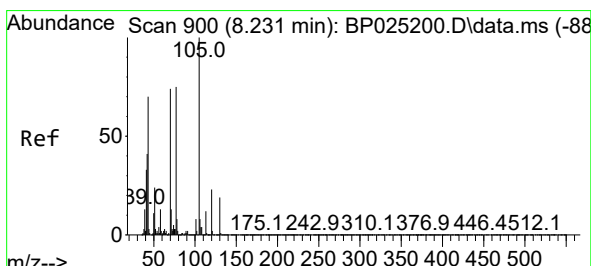
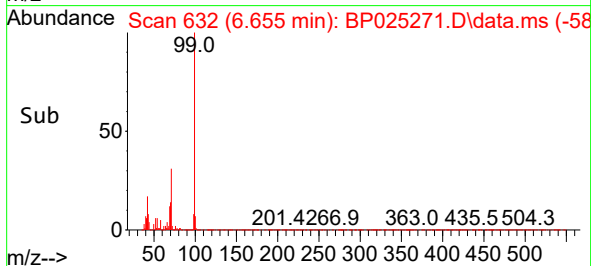
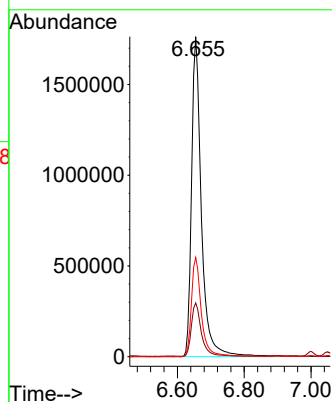
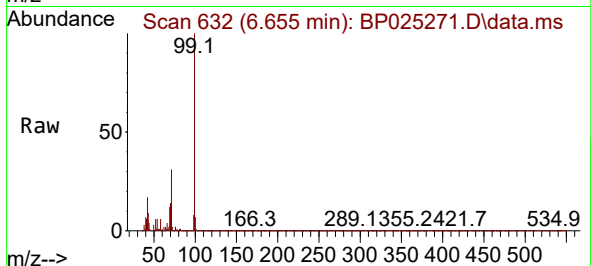




#7  
Phenol-d6  
Concen: 113.071 ng  
RT: 6.655 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

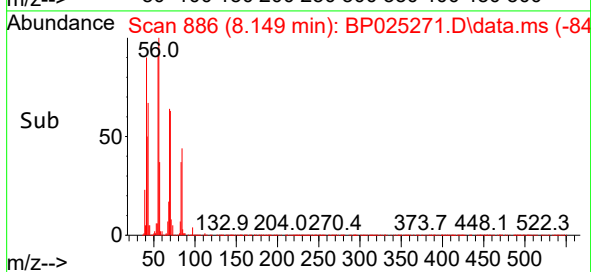
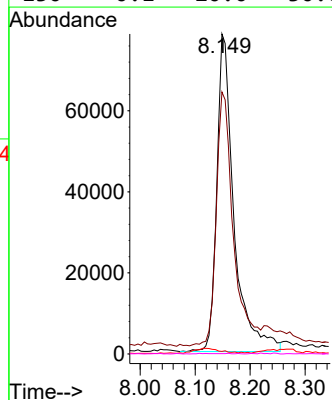
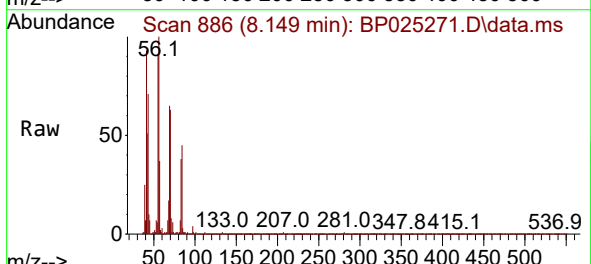
Instrument :  
BNA\_P  
ClientSampleId :  
299

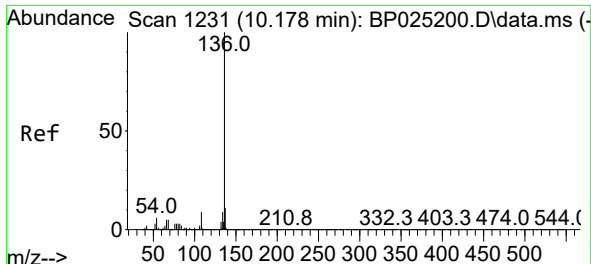
Tgt Ion: 99 Resp: 3612992  
Ion Ratio Lower Upper  
99 100  
42 16.8 12.5 18.7  
71 31.0 24.2 36.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 8.884 ng  
RT: 8.149 min Scan# 886  
Delta R.T. -0.065 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

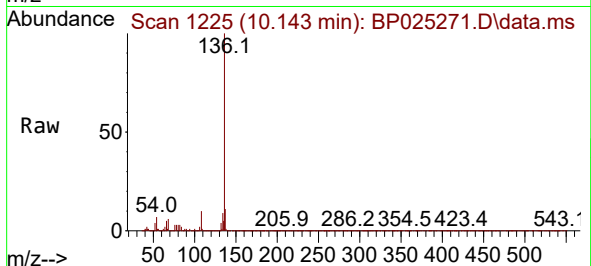
Tgt Ion: 70 Resp: 170779  
Ion Ratio Lower Upper  
70 100  
42 81.8 44.2 66.2#  
101 0.8 8.6 12.8#  
130 0.1 20.0 30.0#



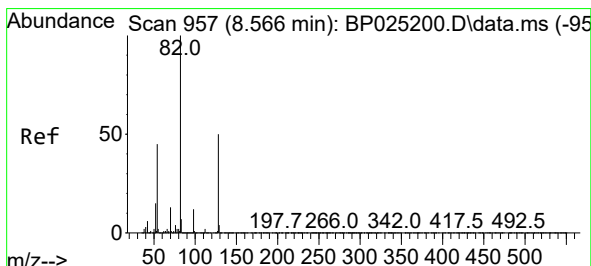
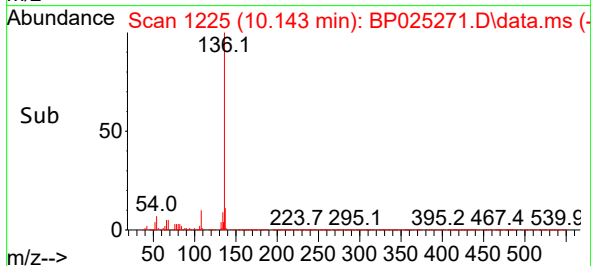
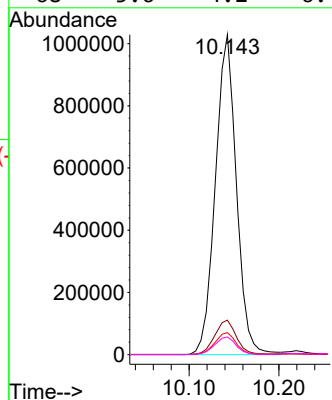


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.143 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

Instrument :  
BNA\_P  
ClientSampleId :  
299

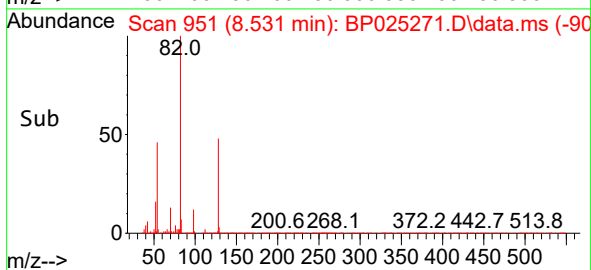
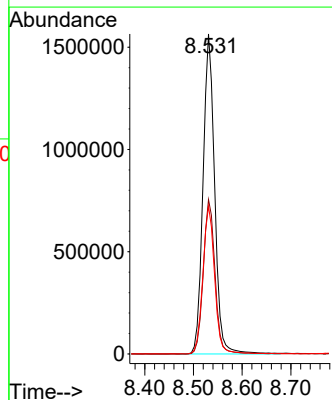
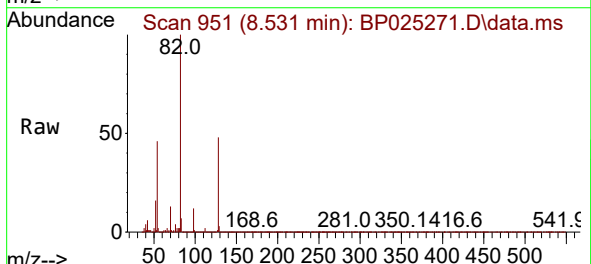


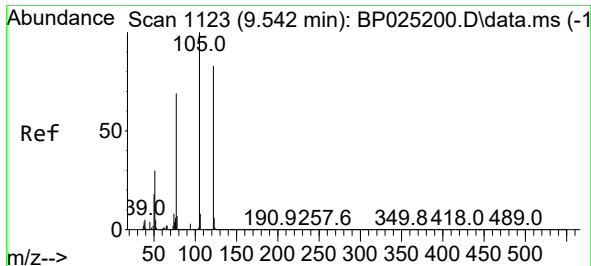
Tgt Ion:136 Resp: 1673140  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 6.9 5.1 7.7  
68 5.6 4.2 6.4



#23  
Nitrobenzene-d5  
Concen: 86.115 ng  
RT: 8.531 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

Tgt Ion: 82 Resp: 2592649  
Ion Ratio Lower Upper  
82 100  
128 48.2 40.2 60.4  
54 46.2 36.3 54.5

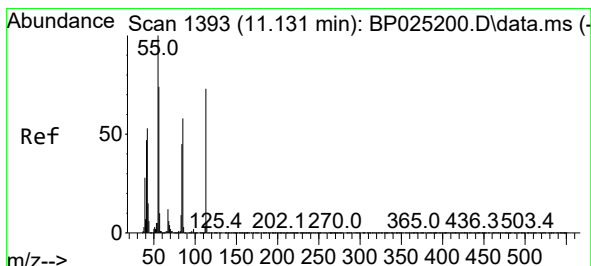
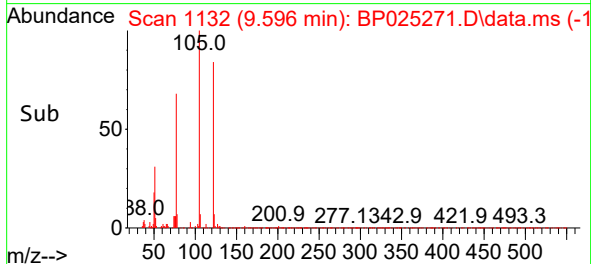
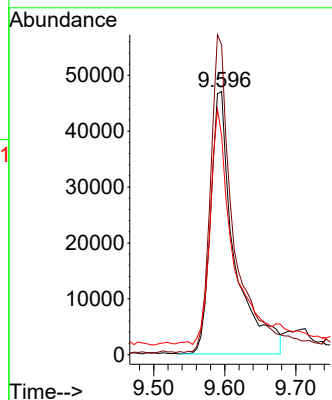
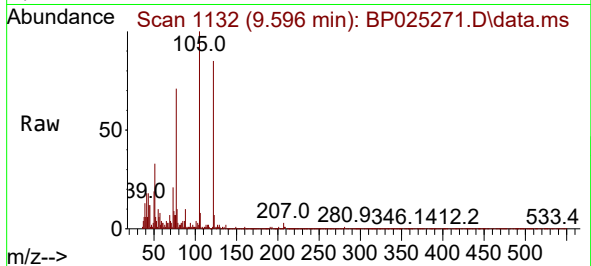




#32  
Benzoic acid  
Concen: 5.535 ng  
RT: 9.596 min Scan# 1113  
Delta R.T. 0.012 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

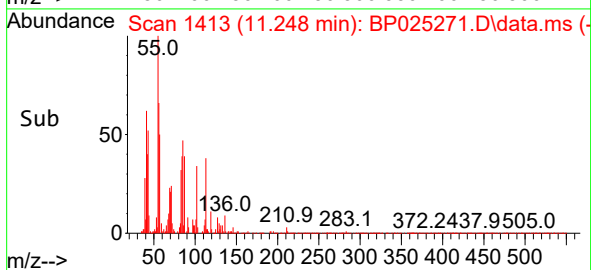
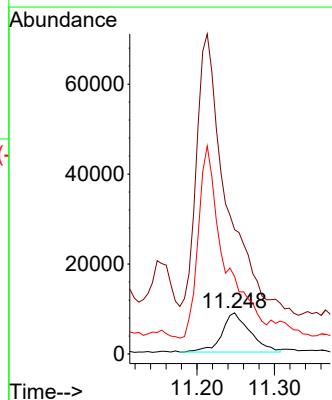
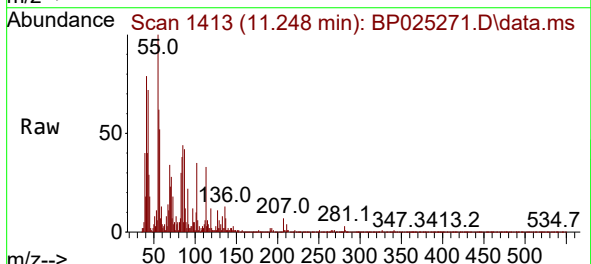
Instrument :  
BNA\_P  
ClientSampleId :  
299

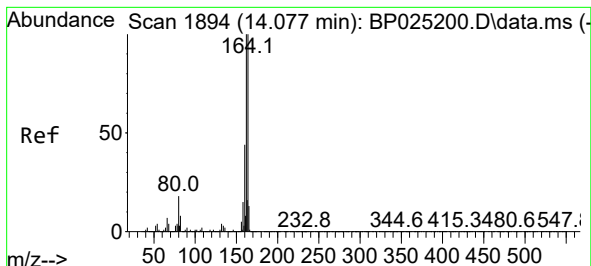
Tgt Ion:122 Resp: 108963  
Ion Ratio Lower Upper  
122 100  
105 117.7 98.1 138.1  
77 83.1 62.7 102.7



#35  
Caprolactam  
Concen: 2.511 ng  
RT: 11.248 min Scan# 1413  
Delta R.T. 0.047 min  
Lab File: BP025271.D  
Acq: 29 Jul 2025 21:35

Tgt Ion:113 Resp: 22076  
Ion Ratio Lower Upper  
113 100  
55 302.1 117.6 157.6#  
56 187.9 82.4 122.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.042 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA\_P

ClientSampleId :

299

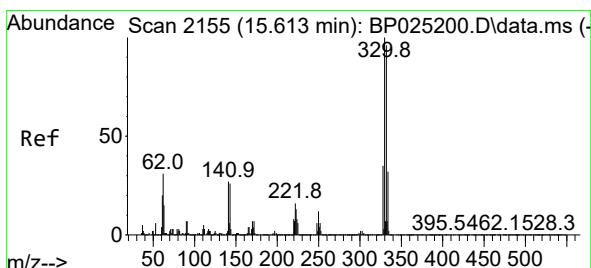
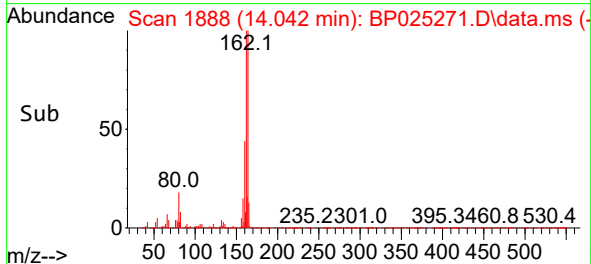
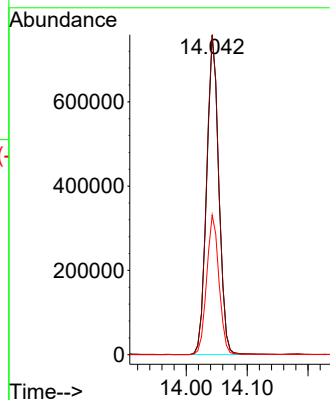
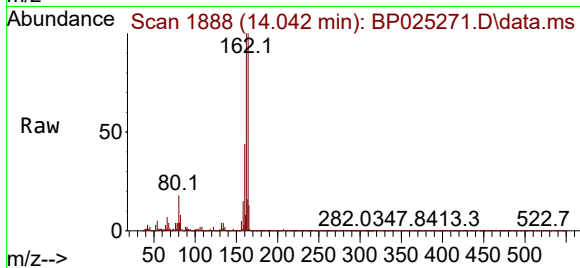
Tgt Ion:164 Resp: 1051083

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 43.8 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 130.445 ng

RT: 15.572 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

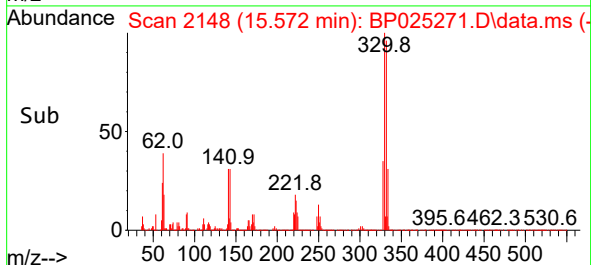
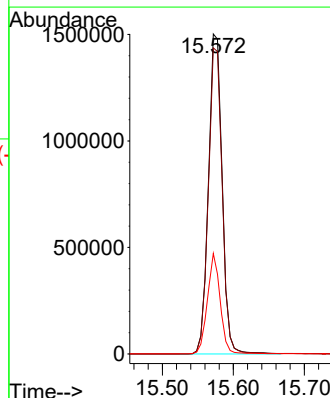
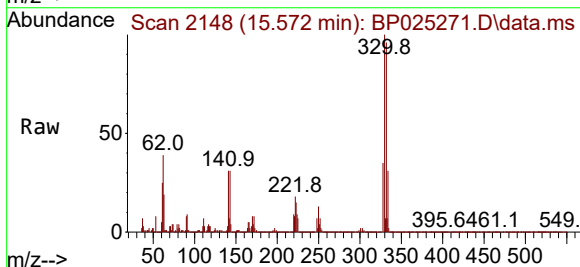
Tgt Ion:330 Resp: 2021284

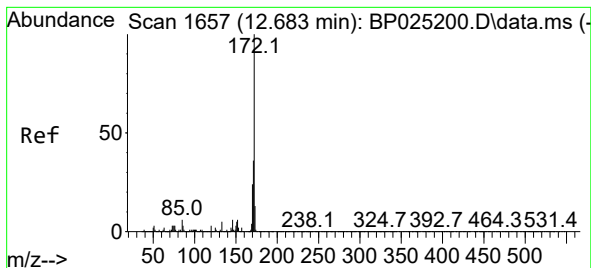
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.822 ng

RT: 12.643 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA\_P

ClientSampleId :

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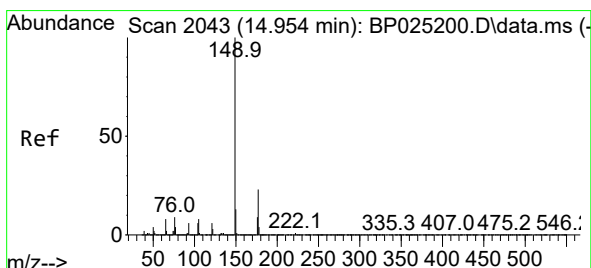
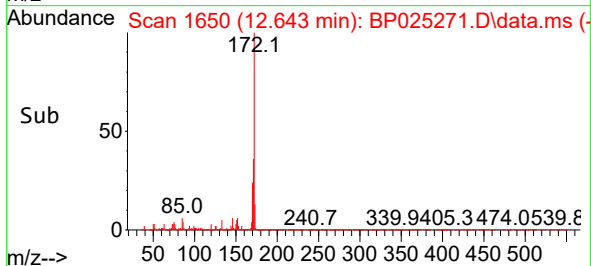
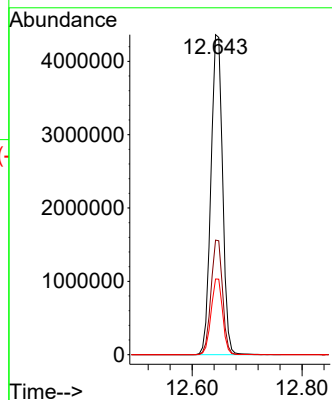
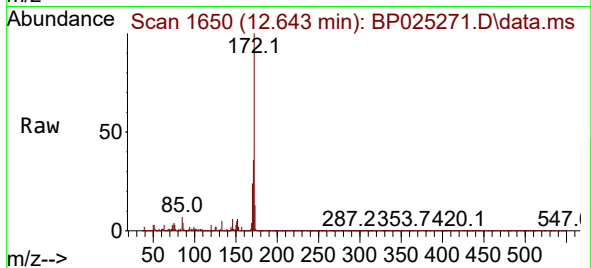
Tgt Ion:172 Resp: 6398438

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.6 19.2 28.8



#60

Diethylphthalate

Concen: 3.023 ng

RT: 14.913 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

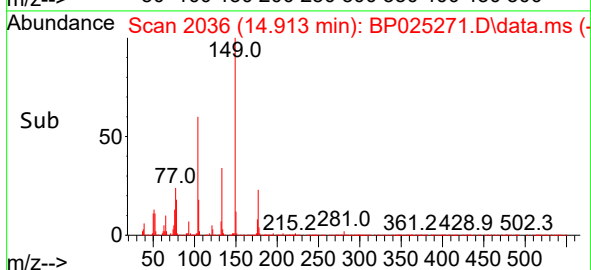
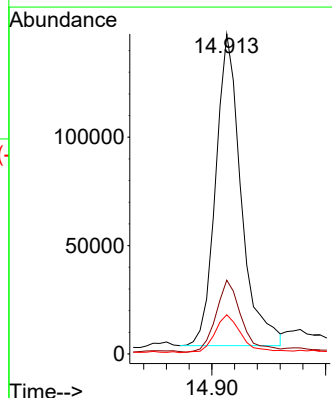
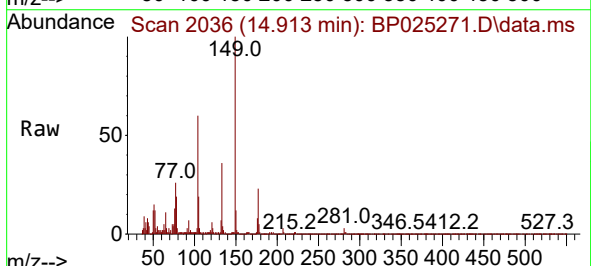
Tgt Ion:149 Resp: 223953

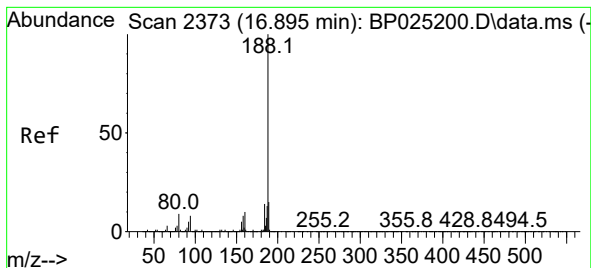
Ion Ratio Lower Upper

149 100

177 23.0 18.4 27.6

150 12.2 10.0 15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA\_P

ClientSampleId :

299

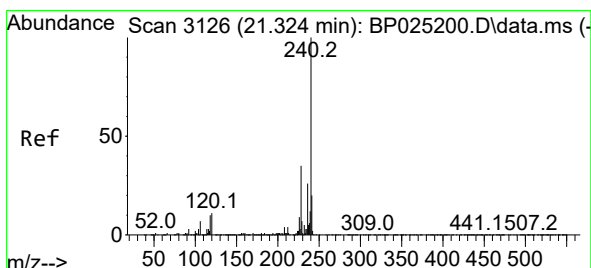
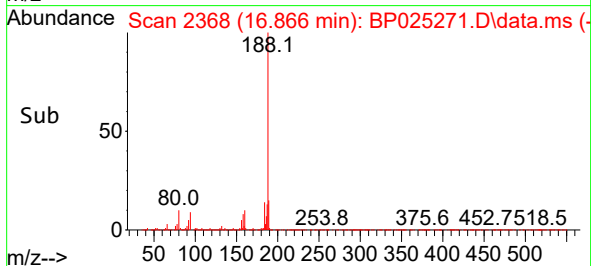
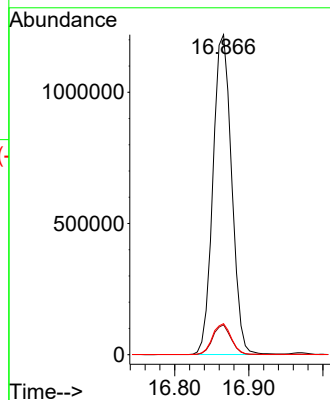
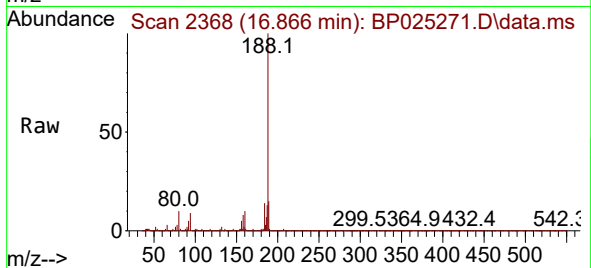
Tgt Ion:188 Resp: 2137781

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.295 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

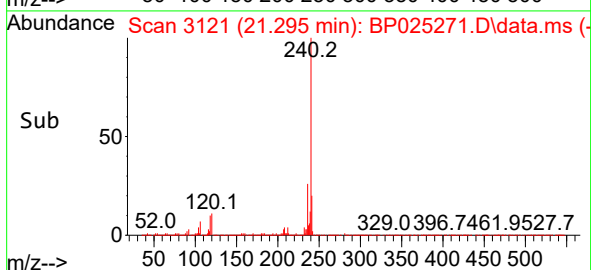
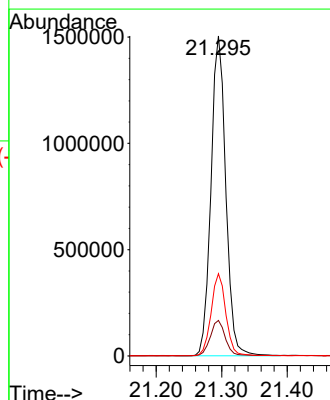
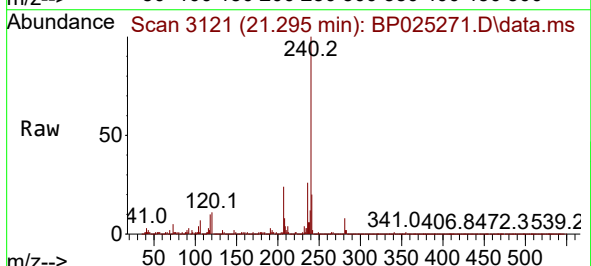
Tgt Ion:240 Resp: 2362404

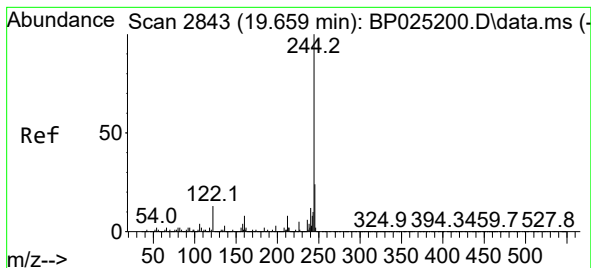
Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 72.384 ng

RT: 19.625 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Instrument :

BNA\_P

ClientSampleId :

299

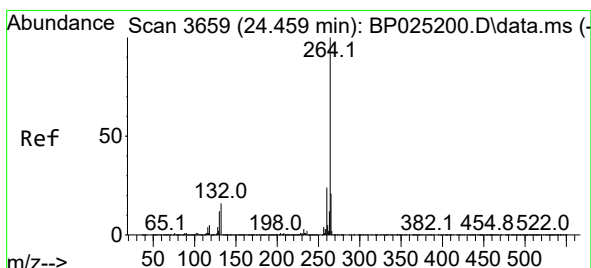
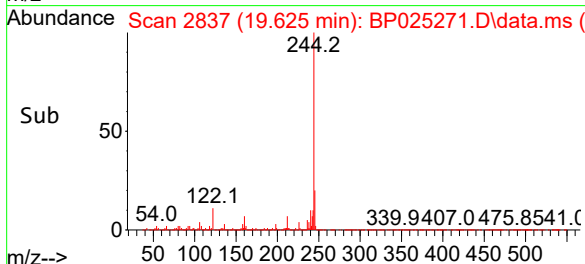
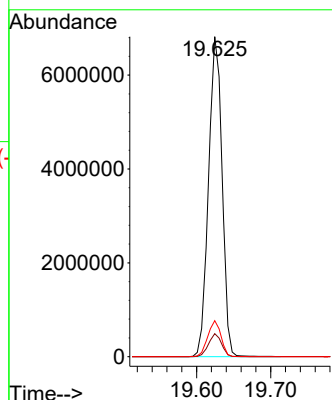
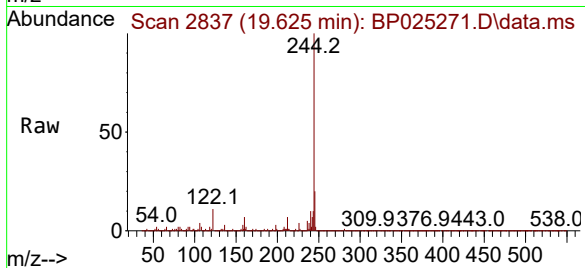
Tgt Ion:244 Resp: 8662485

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

122 11.3 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.401 min Scan# 3649

Delta R.T. -0.012 min

Lab File: BP025271.D

Acq: 29 Jul 2025 21:35

Tgt Ion:264 Resp: 2710391

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.3 17.5 26.3

