

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081525\  
 Data File : BP025451.D  
 Acq On : 16 Aug 2025 08:48  
 Operator : CG/JU  
 Sample : Q2832-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TG-S02

Quant Time: Aug 18 01:43:30 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

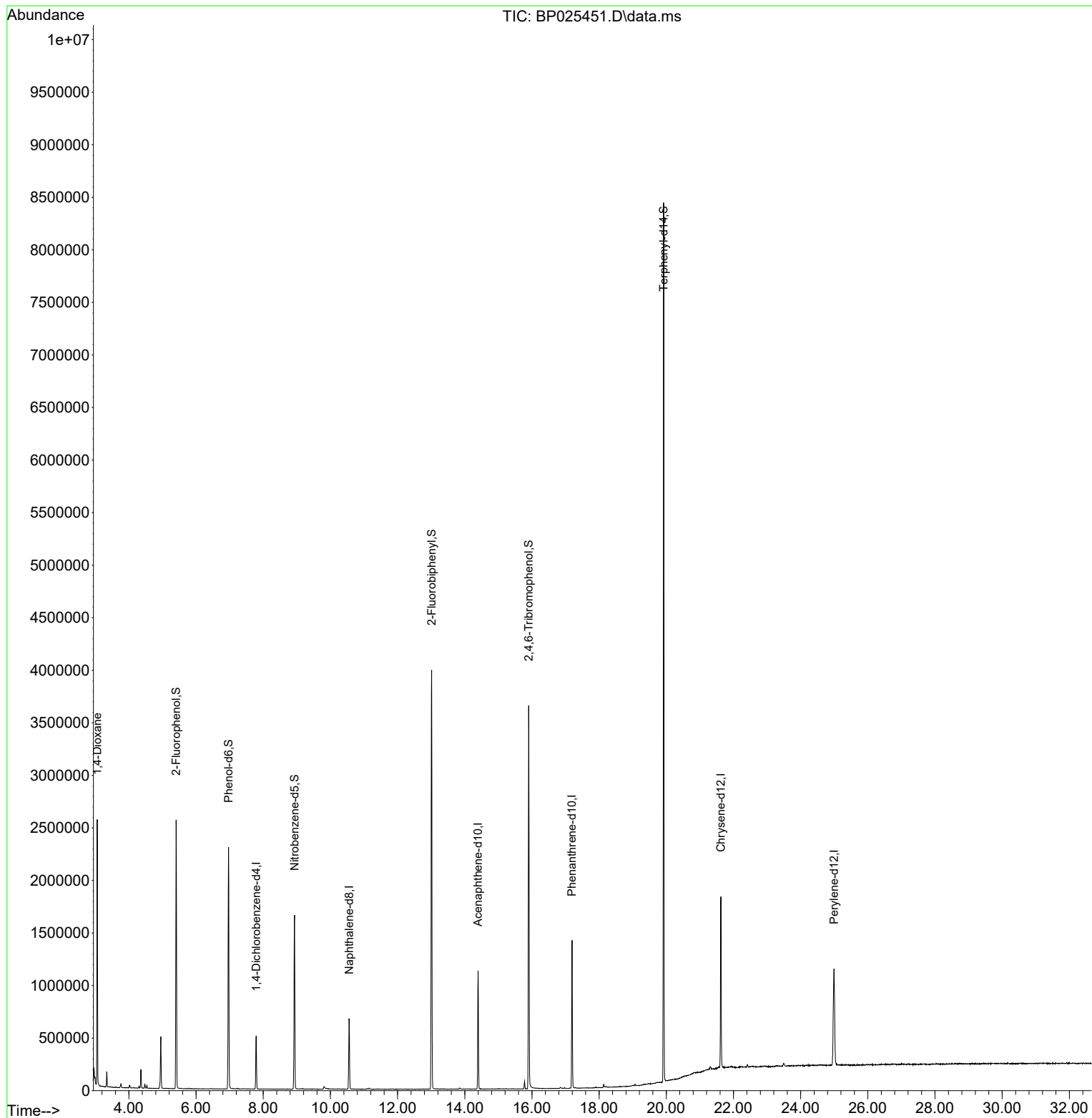
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 141359   | 20.000  | ng    | 0.00       |
| 21) Naphthalene-d8          | 10.555 | 136  | 556152   | 20.000  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.396 | 164  | 374083   | 20.000  | ng    | -0.01      |
| 64) Phenanthrene-d10        | 17.189 | 188  | 813410   | 20.000  | ng    | -0.01      |
| 76) Chrysene-d12            | 21.625 | 240  | 862873   | 20.000  | ng    | -0.02      |
| 86) Perylene-d12            | 24.995 | 264  | 957475   | 20.000  | ng    | -0.04      |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.408  | 112  | 1079862  | 126.863 | ng    | 0.00       |
| 7) Phenol-d6                | 6.966  | 99   | 1286759  | 117.909 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.931  | 82   | 950649   | 86.467  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.901 | 330  | 720965   | 143.185 | ng    | -0.01      |
| 45) 2-Fluorobiphenyl        | 13.013 | 172  | 2165608  | 79.119  | ng    | 0.00       |
| 79) Terphenyl-d14           | 19.919 | 244  | 3919075  | 83.097  | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 2) 1,4-Dioxane              | 3.055  | 88   | 13872    | 4.161   | ng    | Qvalue # 1 |
| -----                       |        |      |          |         |       |            |

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

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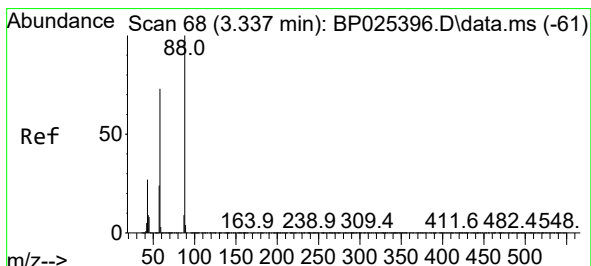
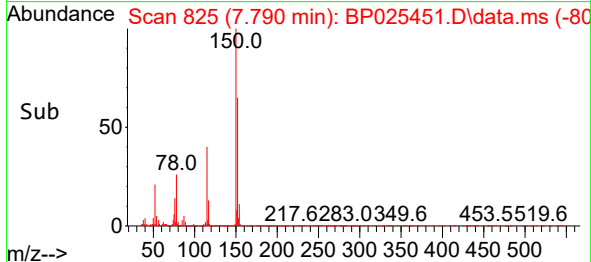
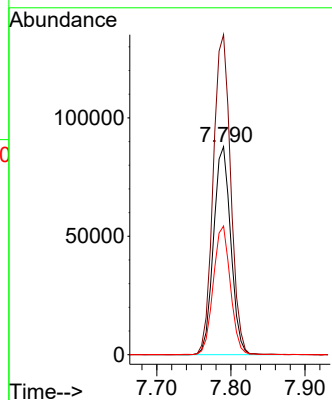
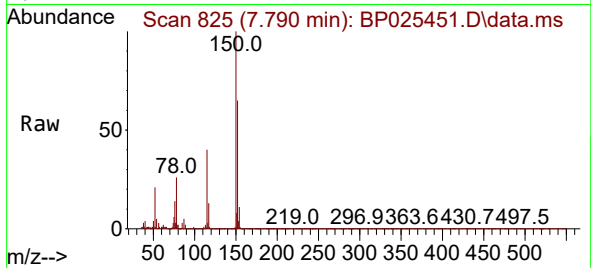




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.790 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025451.D  
 Acq: 16 Aug 2025 08:48

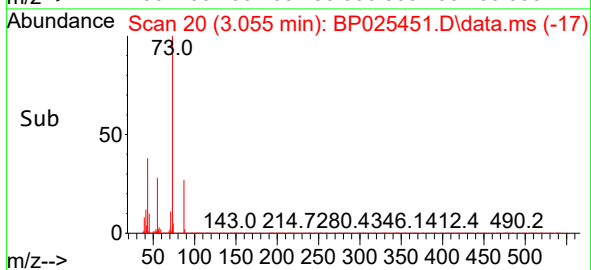
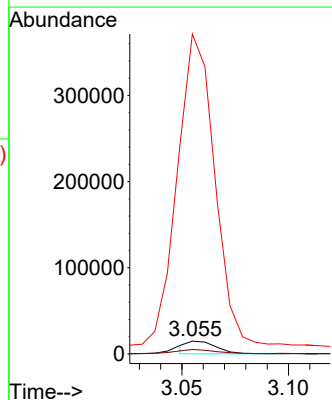
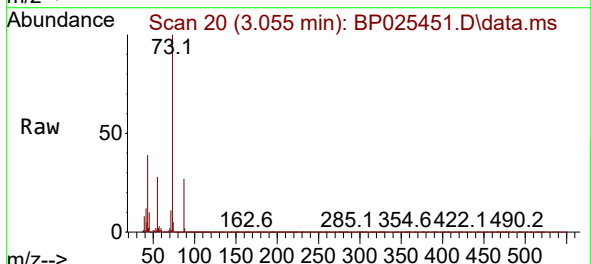
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TG-S02

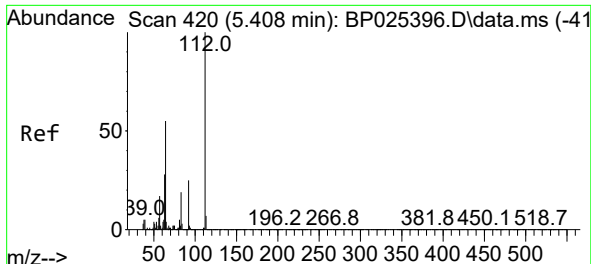
Tgt Ion:152 Resp: 141359  
 Ion Ratio Lower Upper  
 152 100  
 150 153.9 125.9 188.9  
 115 61.8 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 4.161 ng  
 RT: 3.055 min Scan# 20  
 Delta R.T. -0.282 min  
 Lab File: BP025451.D  
 Acq: 16 Aug 2025 08:48

Tgt Ion: 88 Resp: 13872  
 Ion Ratio Lower Upper  
 88 100  
 58 31.6 59.2 88.8#  
 43 2362.0 21.7 32.5#

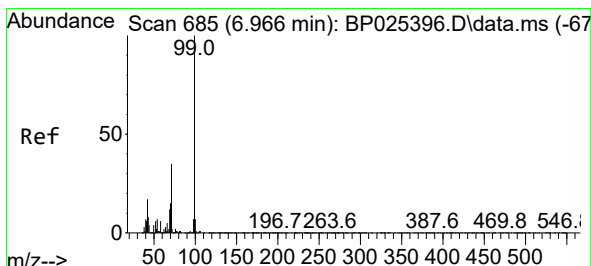
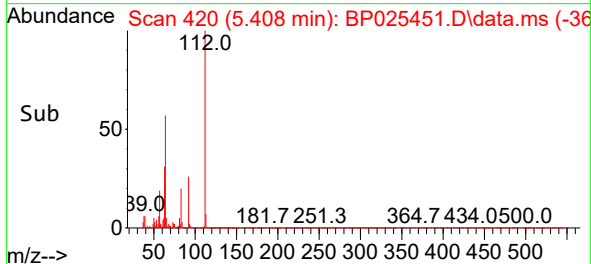
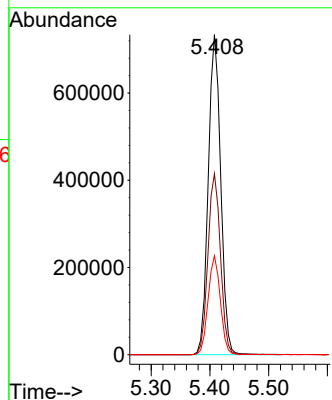
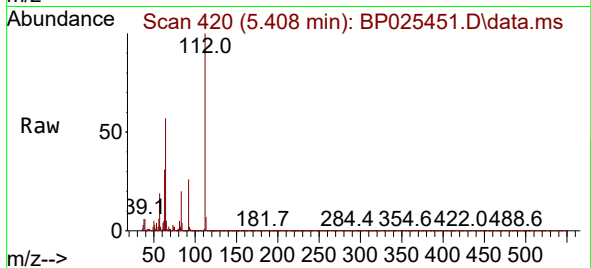




#5  
2-Fluorophenol  
Concen: 126.863 ng  
RT: 5.408 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

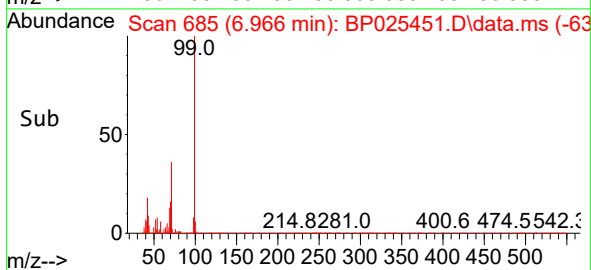
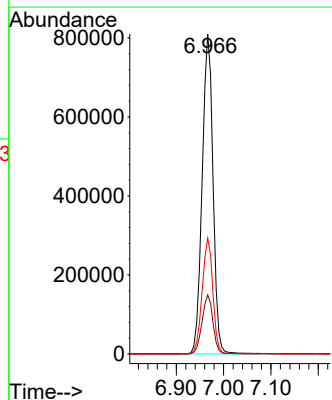
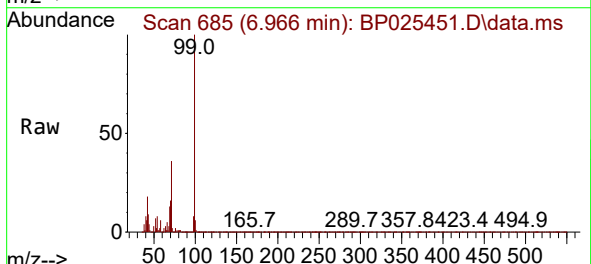
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S02

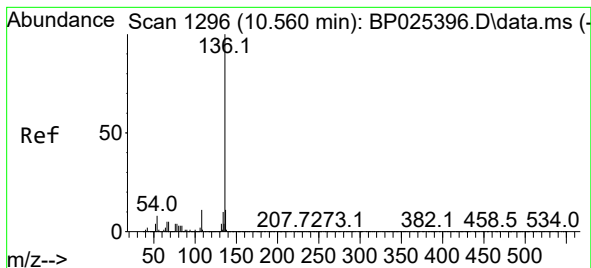
Tgt Ion:112 Resp: 1079862  
Ion Ratio Lower Upper  
112 100  
64 56.5 43.8 65.8  
63 30.9 22.7 34.1



#7  
Phenol-d6  
Concen: 117.909 ng  
RT: 6.966 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

Tgt Ion: 99 Resp: 1286759  
Ion Ratio Lower Upper  
99 100  
42 18.5 13.7 20.5  
71 36.2 28.2 42.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.555 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

Instrument :

BNA\_P

ClientSampleId :

TG-S02

Tgt Ion:136 Resp: 556152

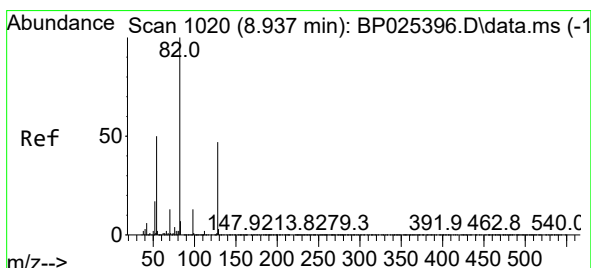
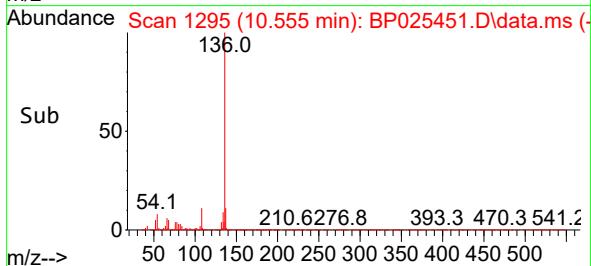
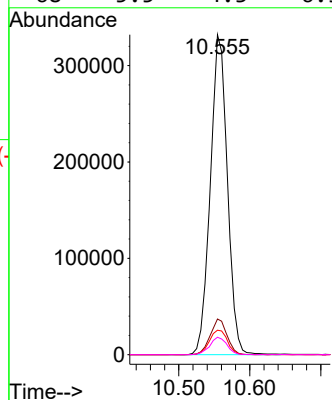
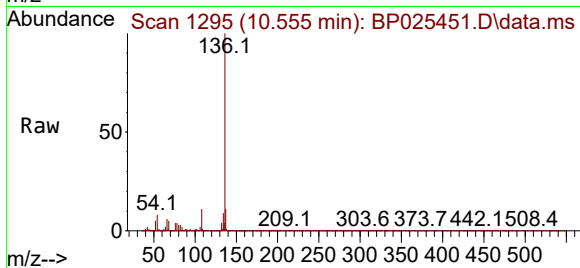
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.6 6.0 9.0

68 5.5 4.3 6.5



#23

Nitrobenzene-d5

Concen: 86.467 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

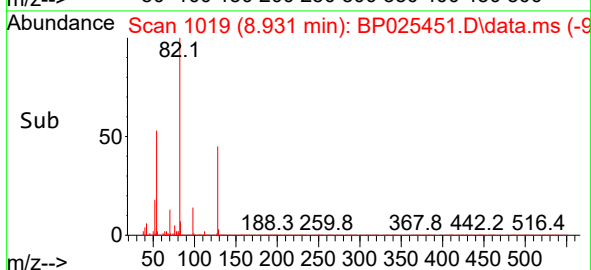
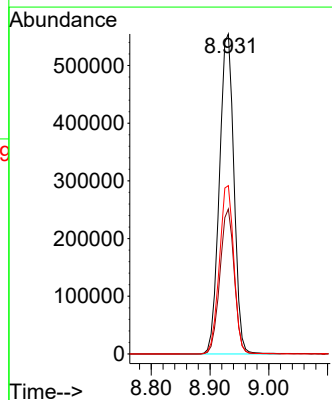
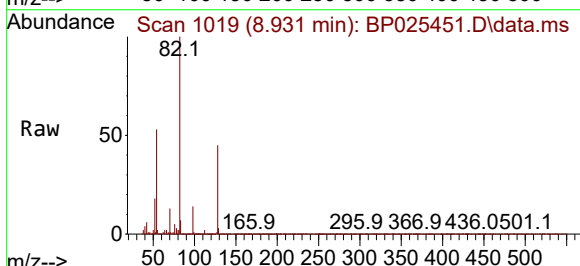
Tgt Ion: 82 Resp: 950649

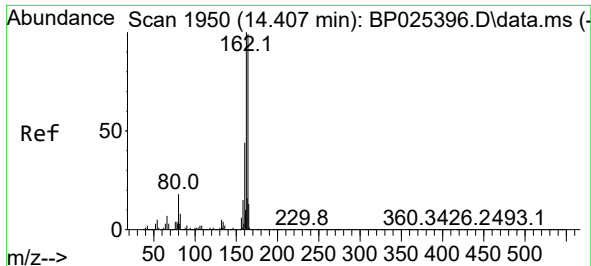
Ion Ratio Lower Upper

82 100

128 45.3 37.7 56.5

54 52.6 39.8 59.6

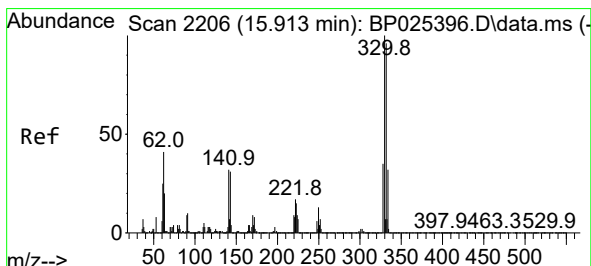
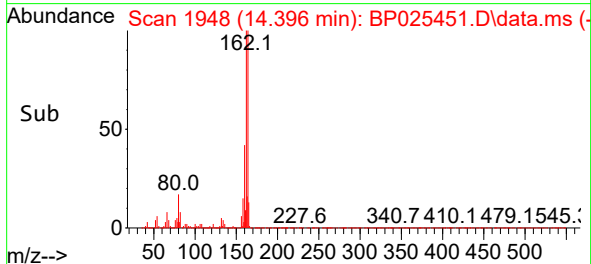
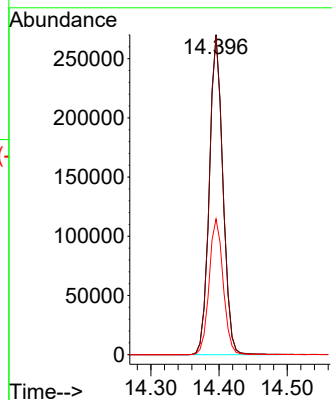
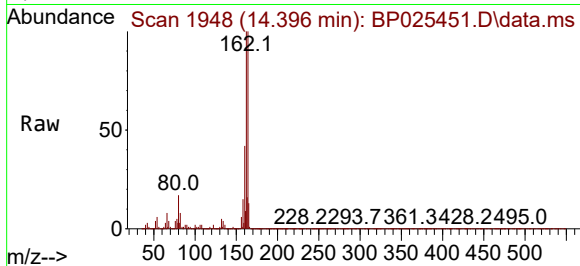




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.396 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

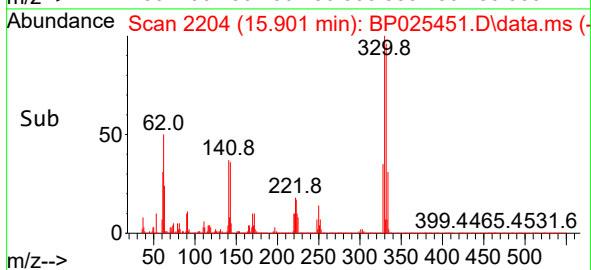
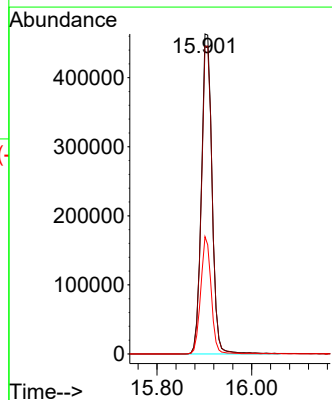
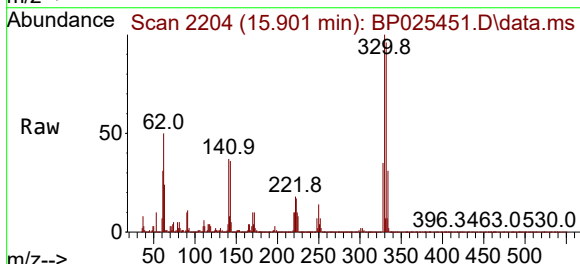
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S02

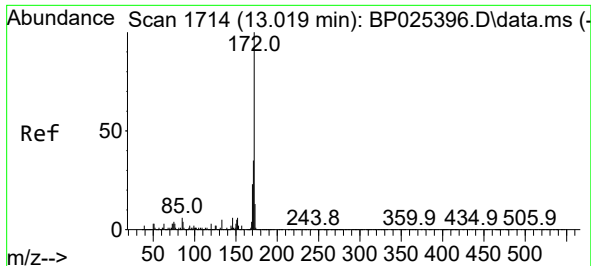
Tgt Ion:164 Resp: 374083  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.0 121.6  
160 42.4 35.4 53.2



#42  
2,4,6-Tribromophenol  
Concen: 143.185 ng  
RT: 15.901 min Scan# 2204  
Delta R.T. -0.012 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

Tgt Ion:330 Resp: 720965  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.3 115.9  
141 36.1 26.6 39.8

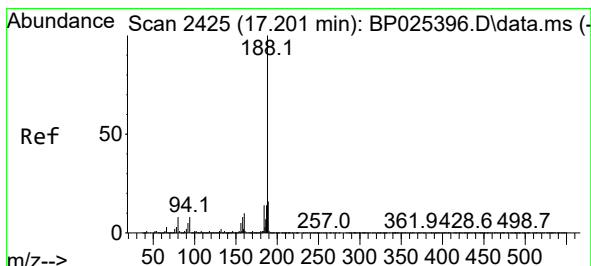
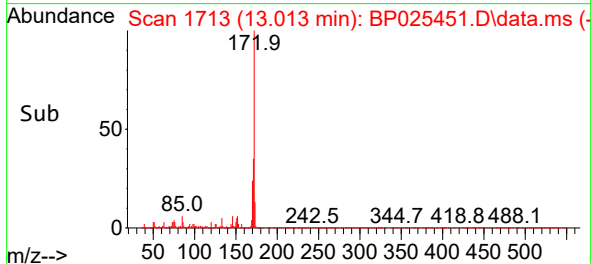
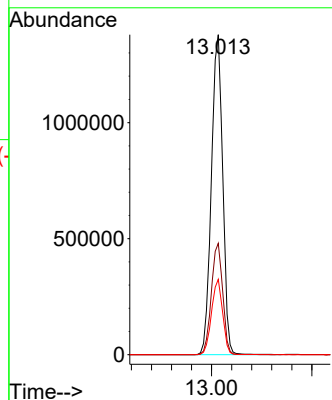
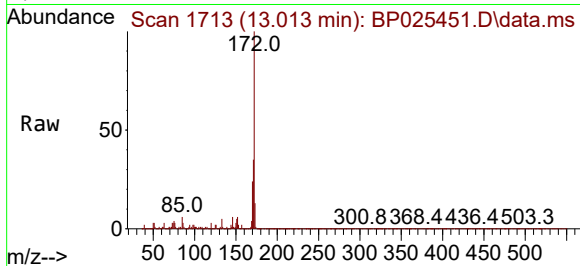




#45  
2-Fluorobiphenyl  
Concen: 79.119 ng  
RT: 13.013 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

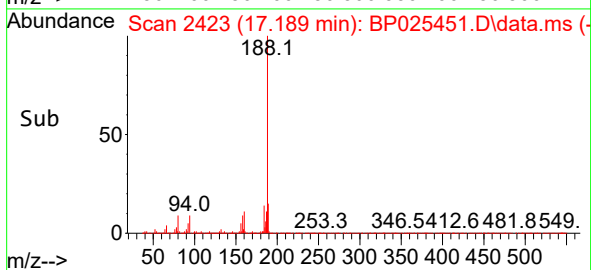
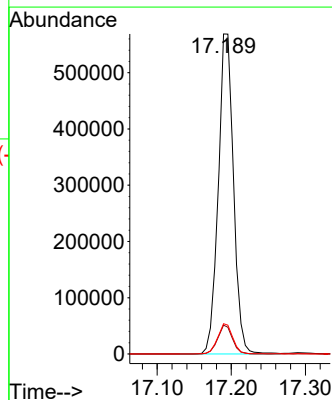
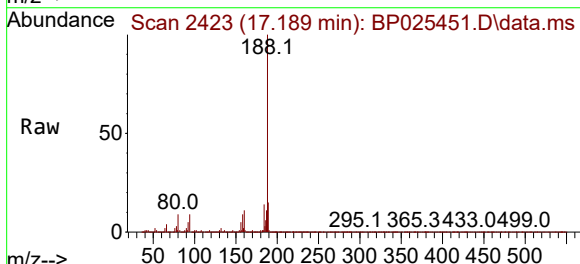
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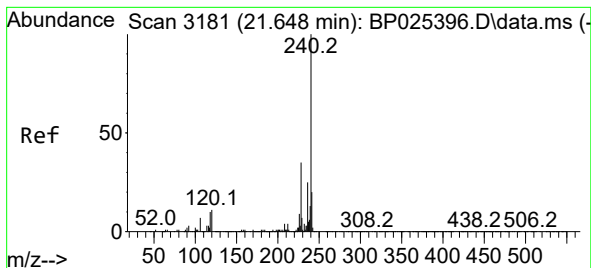
Tgt Ion:172 Resp: 2165608  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.6 18.6 28.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2423  
Delta R.T. -0.012 min  
Lab File: BP025451.D  
Acq: 16 Aug 2025 08:48

Tgt Ion:188 Resp: 813410  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.6 10.0  
80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

Instrument :

BNA\_P

ClientSampleId :

TG-S02

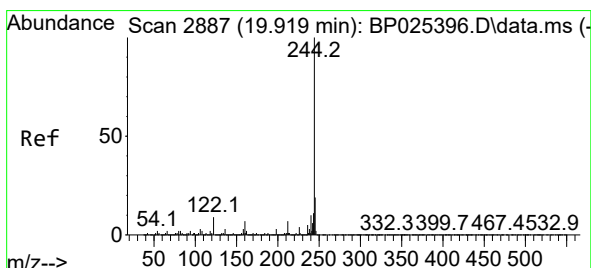
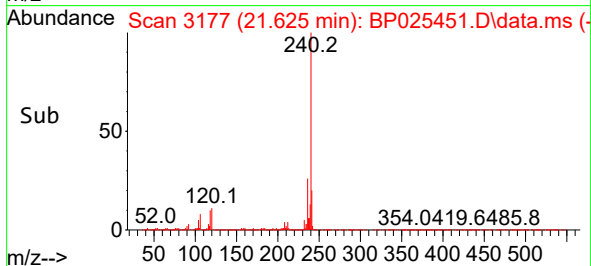
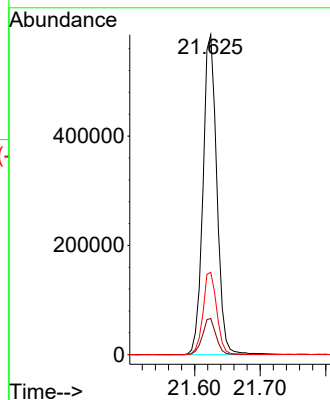
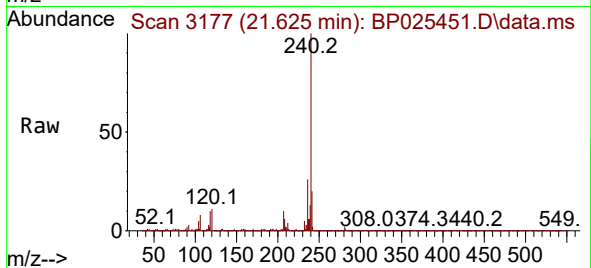
Tgt Ion:240 Resp: 862873

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.8 19.8 29.8



#79

Terphenyl-d14

Concen: 83.097 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

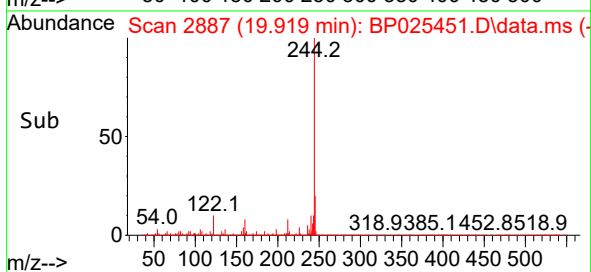
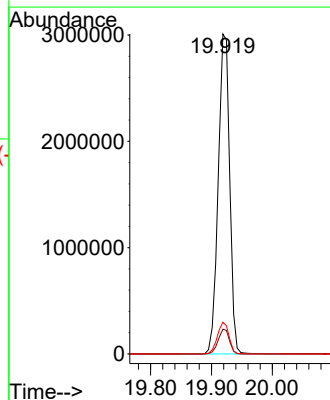
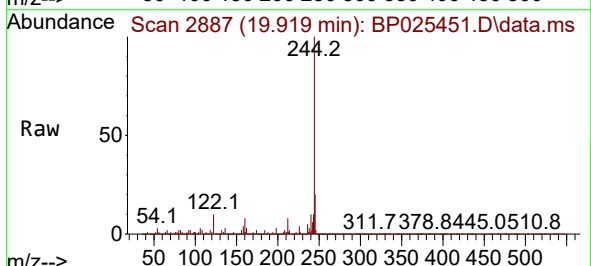
Tgt Ion:244 Resp: 3919075

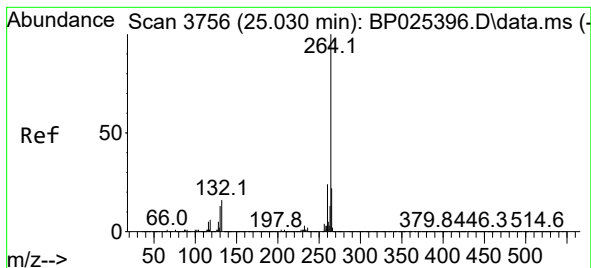
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.9 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025451.D

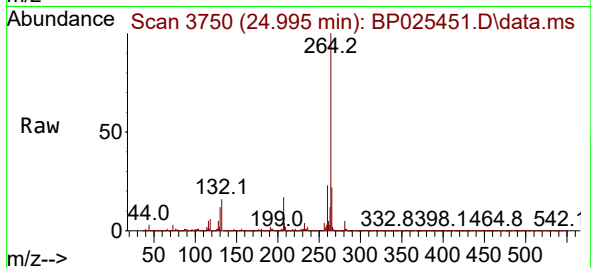
Acq: 16 Aug 2025 08:48

Instrument :

BNA\_P

ClientSampleId :

TG-S02



Tgt Ion:264 Resp: 957475

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.3 17.4 26.0

