

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082725\  
 Data File : BP025605.D  
 Acq On : 27 Aug 2025 16:22  
 Operator : CG/JU  
 Sample : Q2936-02DL2 100X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-19B-082125DL2

Quant Time: Aug 27 16:43:49 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

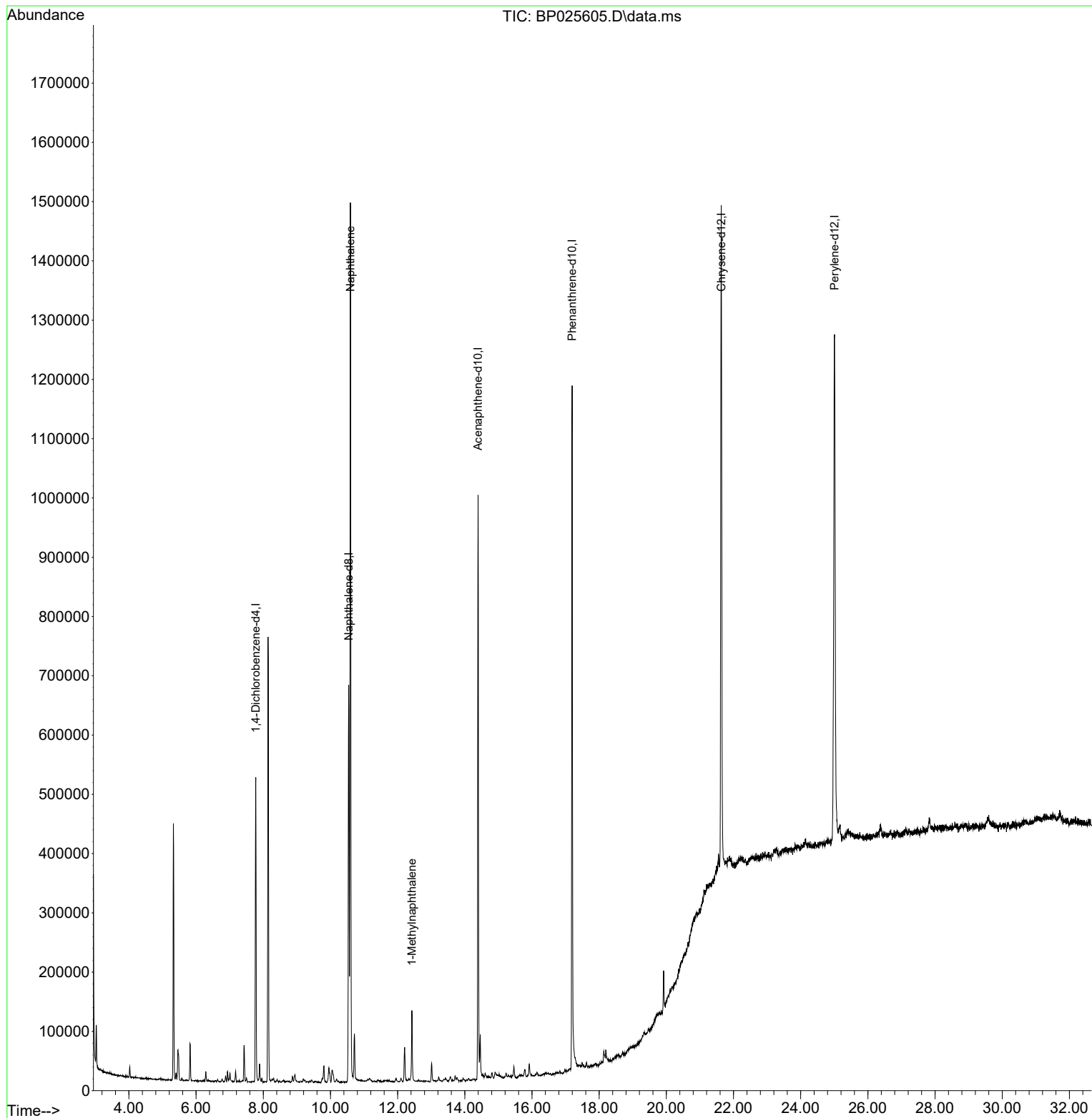
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.778  | 152  | 149853   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.542 | 136  | 592770   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.395 | 164  | 367926   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.195 | 188  | 753908   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.636 | 240  | 896138   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 25.006 | 264  | 1046661  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.407  | 112  | 5559     | 0.616  | ng    | 0.00     |
| 7) Phenol-d6                | 6.984  | 99   | 3898     | 0.337  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.931  | 82   | 7477     | 0.638  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.924 | 330  | 4838     | 0.977  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 13.013 | 172  | 19402    | 0.721  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.918 | 244  | 37091    | 0.757  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 31) Naphthalene             | 10.595 | 128  | 1223585  | 39.714 | ng    | 100      |
| 38) 1-Methylnaphthalene     | 12.425 | 142  | 59594    | 2.795  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

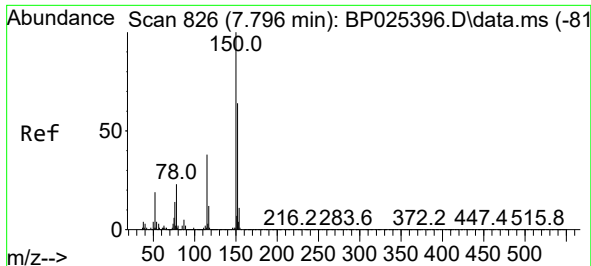
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082725\  
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Acq On : 27 Aug 2025 16:22  
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Sample : Q2936-02DL2 100X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
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MW-19B-082125DL2

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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

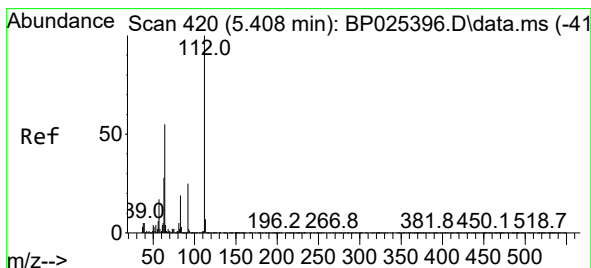
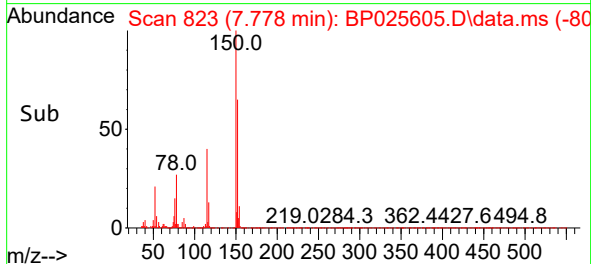
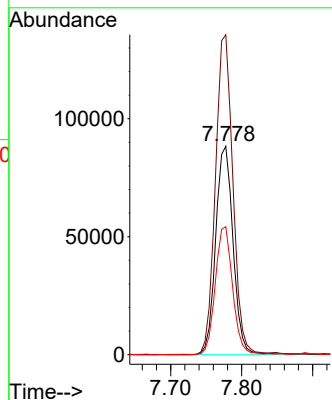
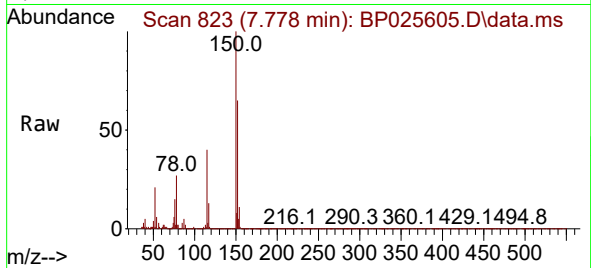




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.778 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

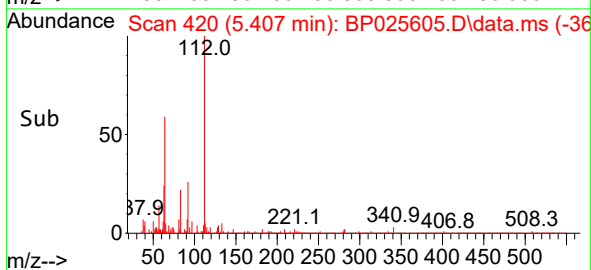
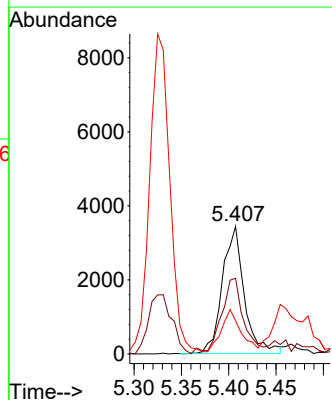
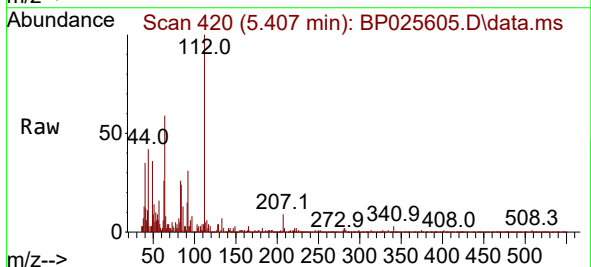
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL2

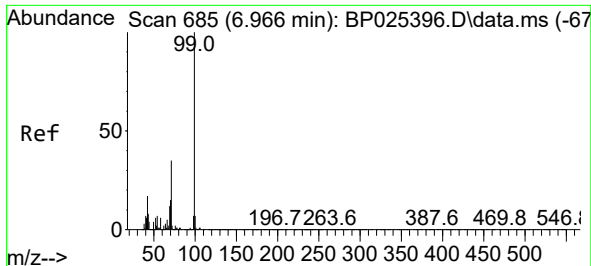
Tgt Ion:152 Resp: 149853  
Ion Ratio Lower Upper  
152 100  
150 153.6 125.9 188.9  
115 61.4 48.5 72.7



#5  
2-Fluorophenol  
Concen: 0.616 ng  
RT: 5.407 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

Tgt Ion:112 Resp: 5559  
Ion Ratio Lower Upper  
112 100  
64 59.4 43.8 65.8  
63 26.1 22.7 34.1

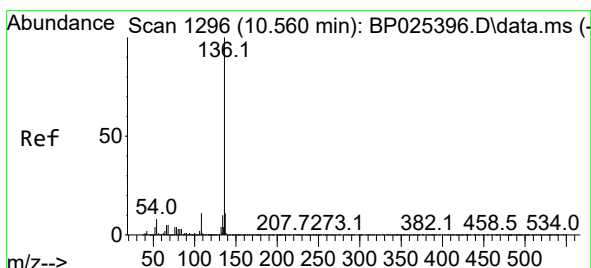
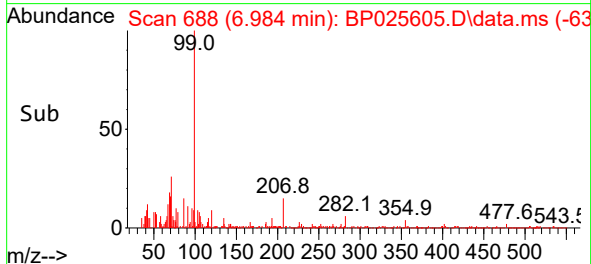
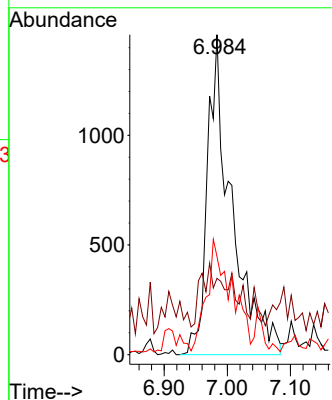
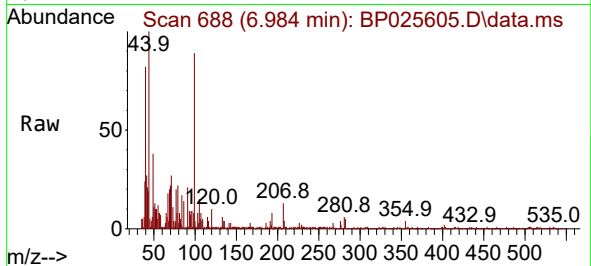




#7  
Phenol-d6  
Concen: 0.337 ng  
RT: 6.984 min Scan# 61  
Delta R.T. 0.017 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

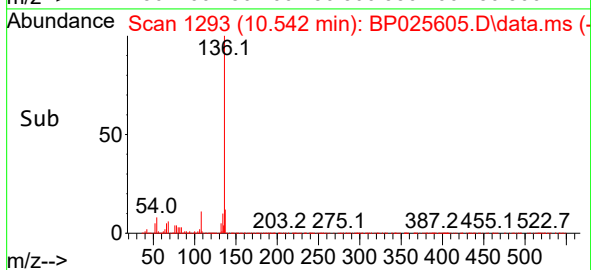
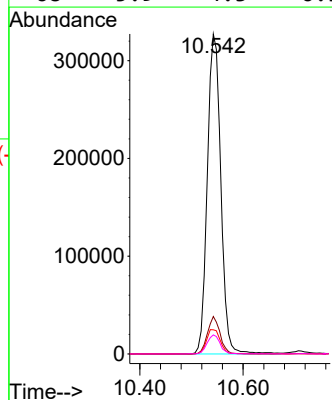
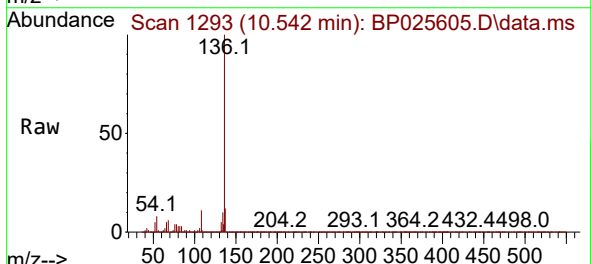
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL2

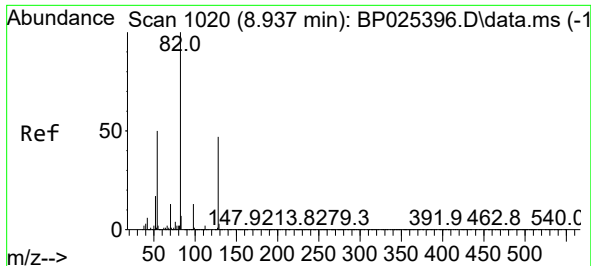
Tgt Ion: 99 Resp: 3898  
Ion Ratio Lower Upper  
99 100  
42 23.9 13.7 20.5#  
71 30.6 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.542 min Scan# 1293  
Delta R.T. -0.018 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

Tgt Ion:136 Resp: 592770  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 7.6 6.0 9.0  
68 5.9 4.3 6.5

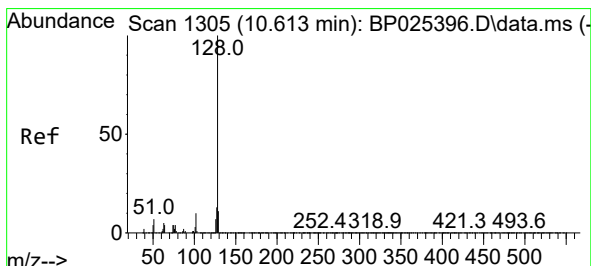
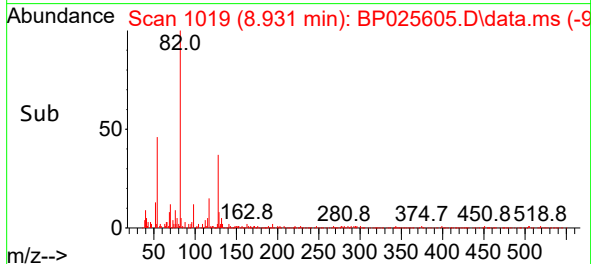
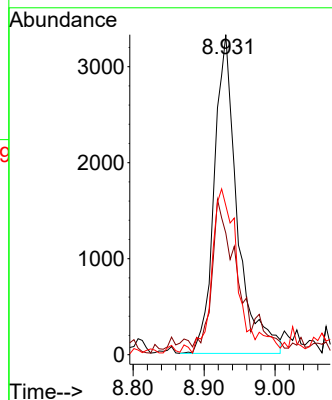
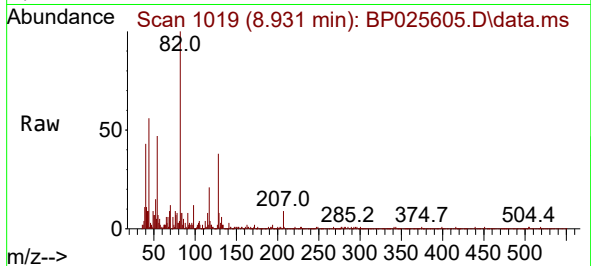




#23  
Nitrobenzene-d5  
Concen: 0.638 ng  
RT: 8.931 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

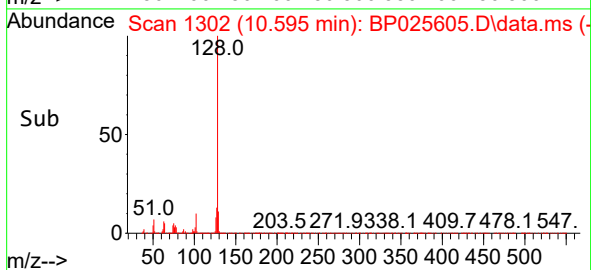
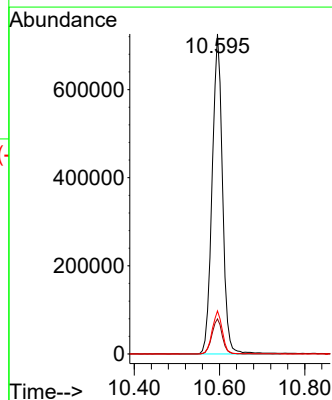
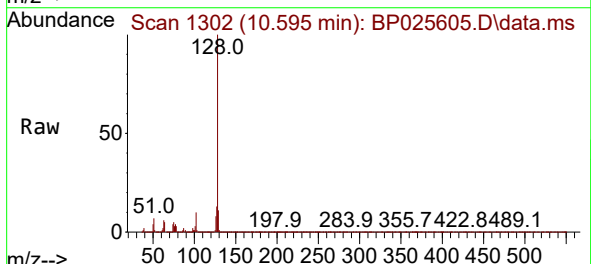
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL2

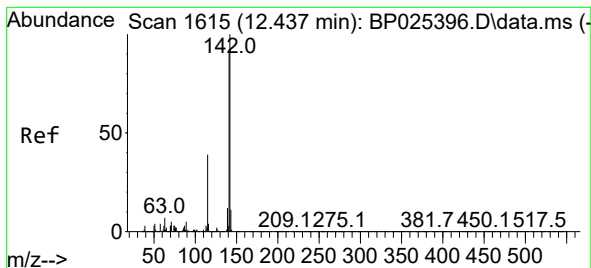
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 7477  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.0  | 37.7  | 56.5  |
| 54       | 46.6  | 39.8  | 59.6  |



#31  
Naphthalene  
Concen: 39.714 ng  
RT: 10.595 min Scan# 1302  
Delta R.T. -0.018 min  
Lab File: BP025605.D  
Acq: 27 Aug 2025 16:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1223585 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 11.0  | 8.6   | 13.0    |
| 127      | 13.4  | 10.7  | 16.1    |





#38

1-Methylnaphthalene

Concen: 2.795 ng

RT: 12.425 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL2

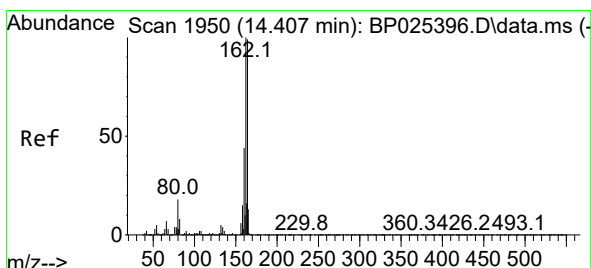
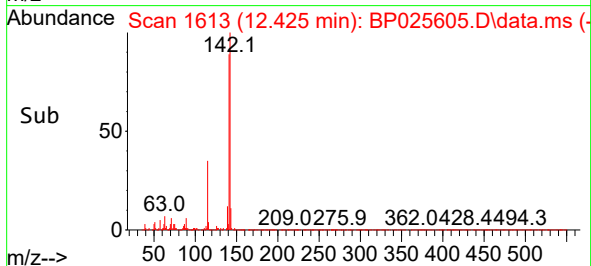
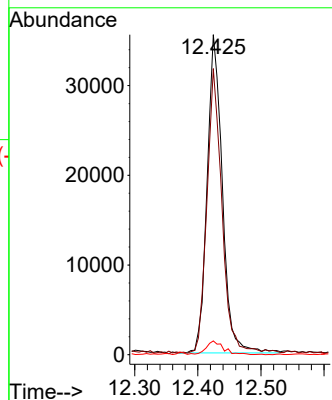
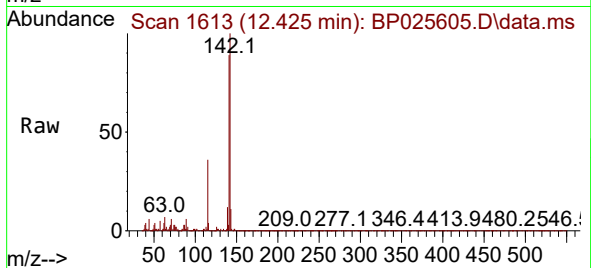
Tgt Ion:142 Resp: 59594

Ion Ratio Lower Upper

142 100

141 89.4 73.1 109.7

116 4.3 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

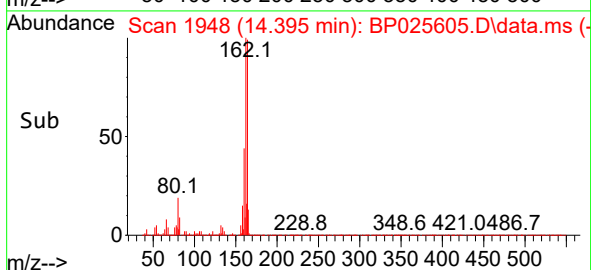
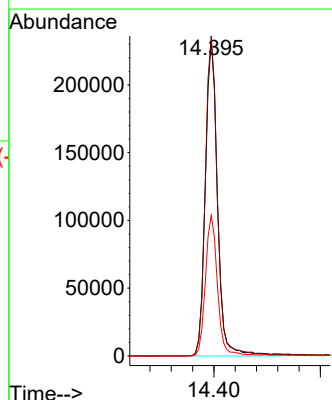
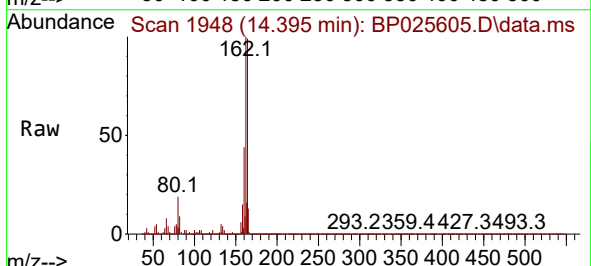
Tgt Ion:164 Resp: 367926

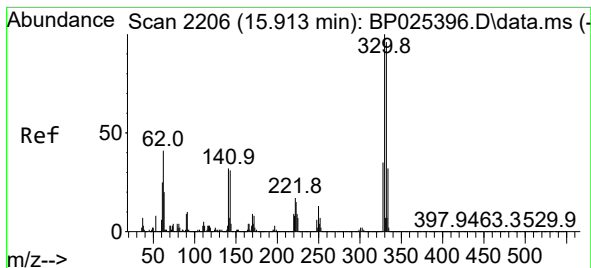
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 0.977 ng

RT: 15.924 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL2

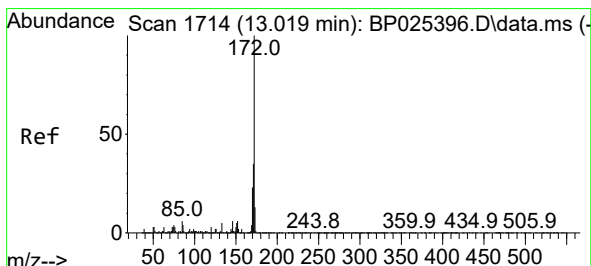
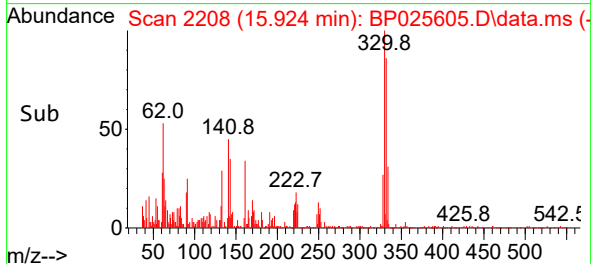
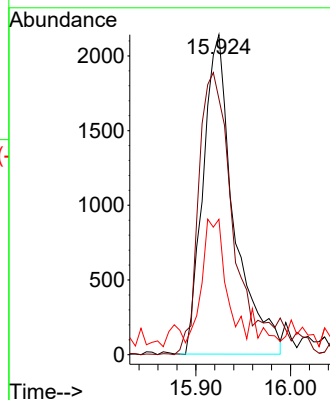
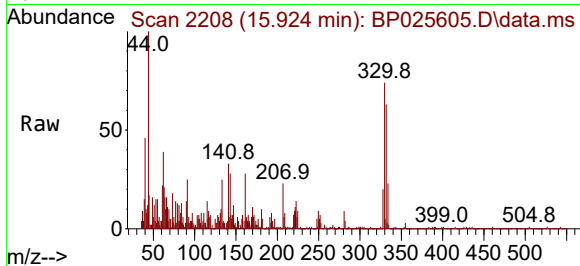
Tgt Ion:330 Resp: 4838

Ion Ratio Lower Upper

330 100

332 101.0 77.3 115.9

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 0.721 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

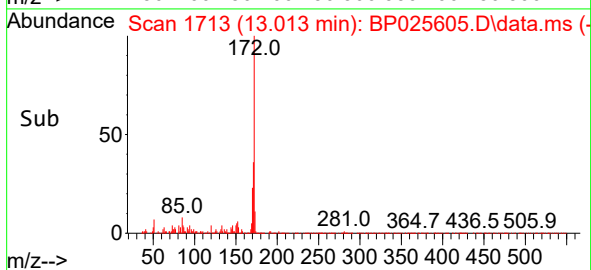
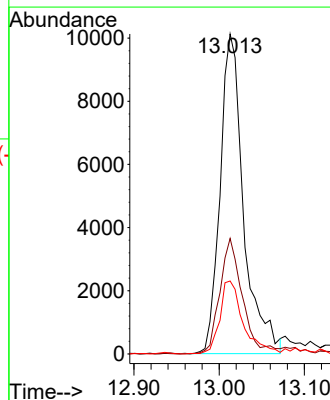
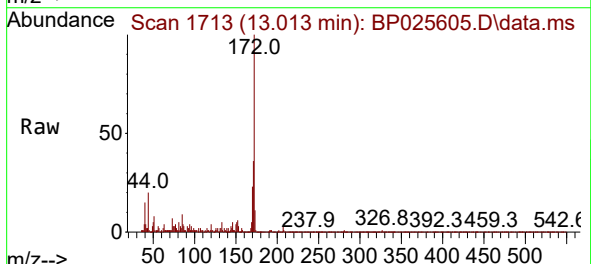
Tgt Ion:172 Resp: 19402

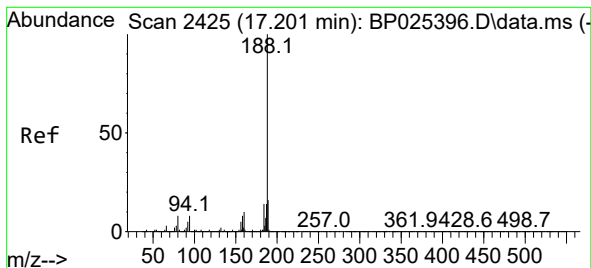
Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL2

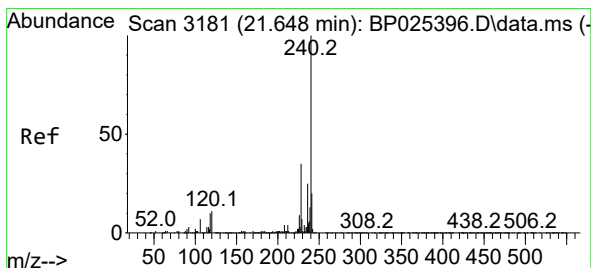
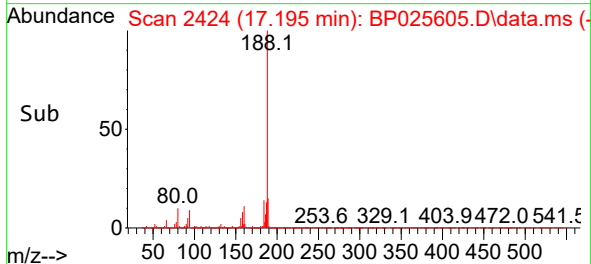
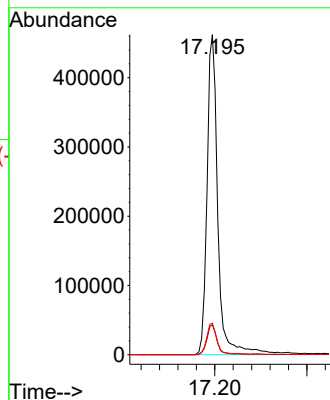
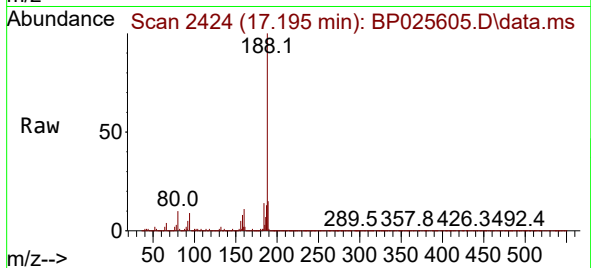
Tgt Ion:188 Resp: 753908

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

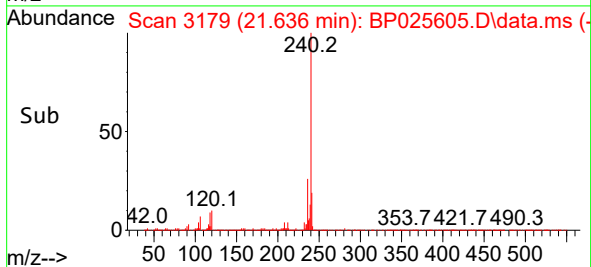
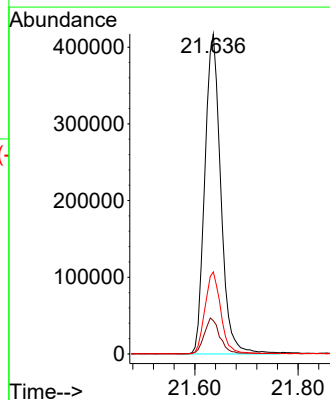
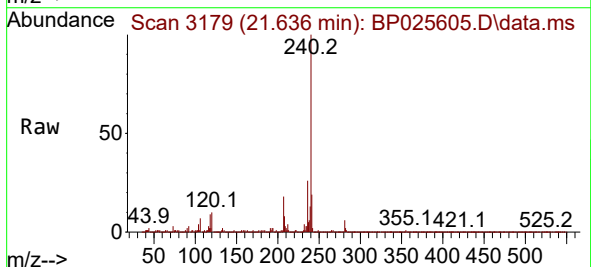
Tgt Ion:240 Resp: 896138

Ion Ratio Lower Upper

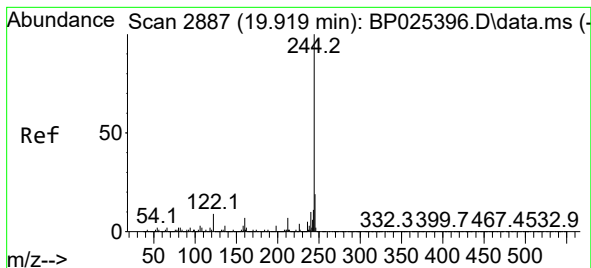
240 100

120 10.4 8.9 13.3

236 25.6 19.8 29.8







#79

Terphenyl-d14

Concen: 0.757 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL2

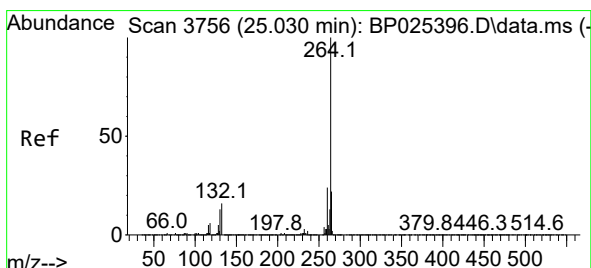
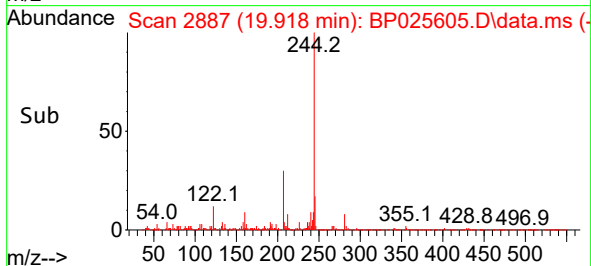
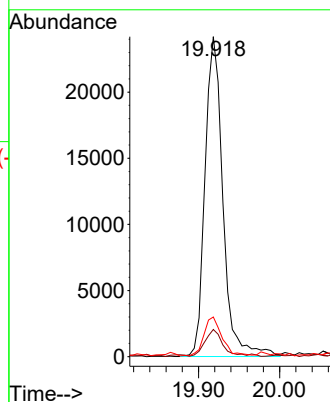
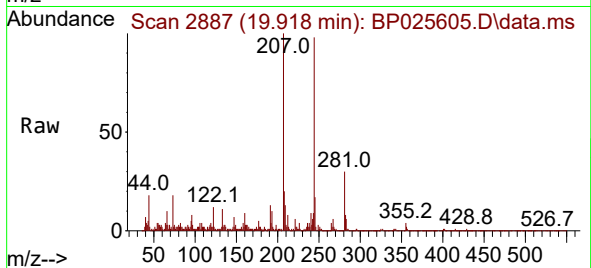
Tgt Ion:244 Resp: 37091

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

122 12.4 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025605.D

Acq: 27 Aug 2025 16:22

Tgt Ion:264 Resp: 1046661

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.7 17.4 26.0

