

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082725\  
 Data File : BP025604.D  
 Acq On : 27 Aug 2025 15:41  
 Operator : CG/JU  
 Sample : Q2936-02DL 20X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 27 16:02:59 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

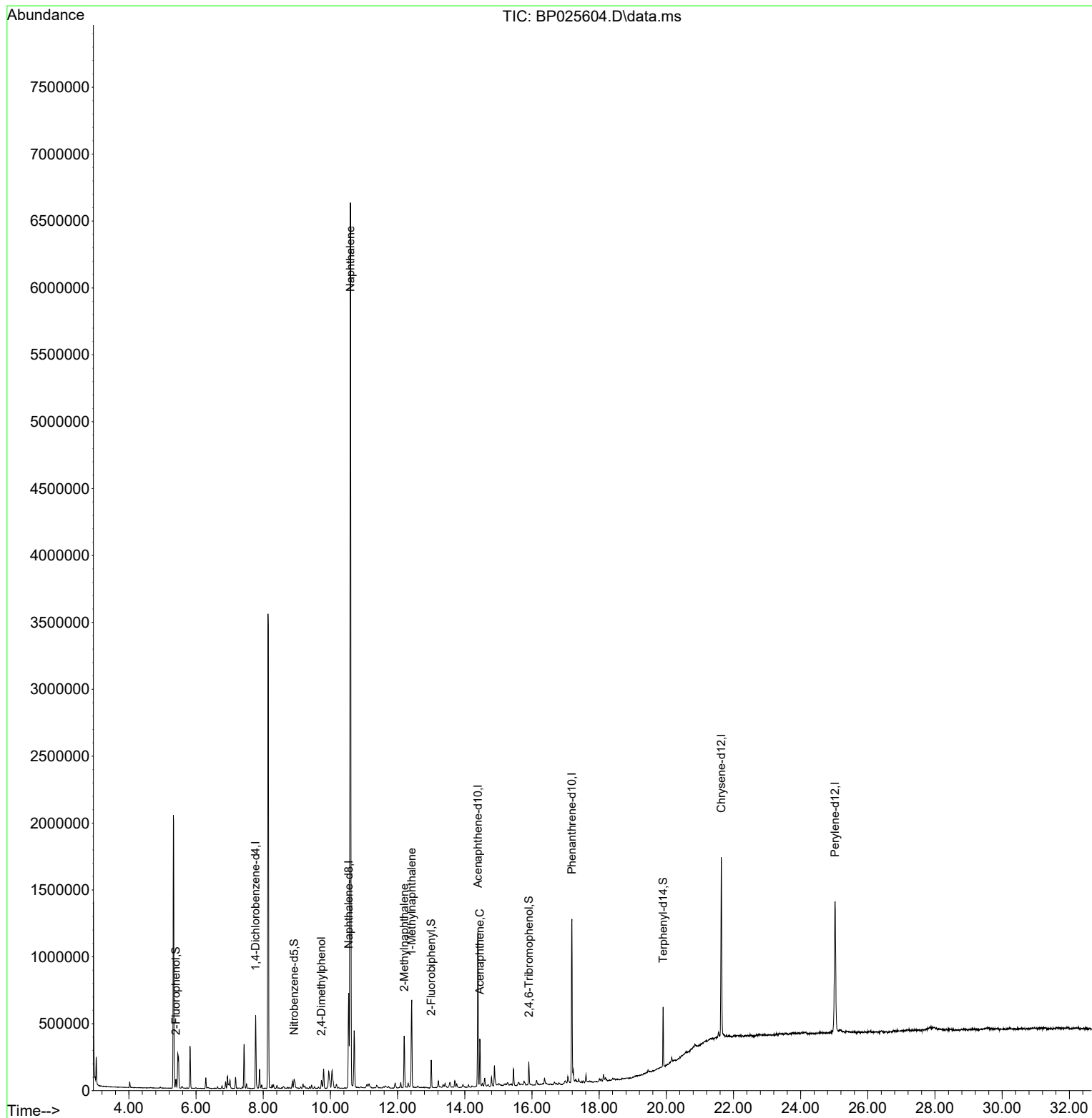
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.772  | 152  | 151725   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.543 | 136  | 613134   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.389 | 164  | 392479   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.189 | 188  | 797526   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.636 | 240  | 898906   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.024 | 264  | 1044774  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.402  | 112  | 31061    | 3.400   | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 22977    | 1.962   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.919  | 82   | 42994    | 3.547   | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.907 | 330  | 33533    | 6.348   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.001 | 172  | 112477   | 3.917   | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.907 | 244  | 200178   | 4.074   | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 27) 2,4-Dimethylphenol      | 9.731  | 122  | 23444    | 2.452   | ng    | 95       |
| 31) Naphthalene             | 10.596 | 128  | 5863129  | 183.982 | ng    | 100      |
| 37) 2-Methylnaphthalene     | 12.195 | 142  | 188858   | 9.107   | ng    | 100      |
| 38) 1-Methylnaphthalene     | 12.419 | 142  | 320842   | 14.547  | ng    | 97       |
| 52) Acenaphthene            | 14.448 | 154  | 136537   | 6.335   | ng    | 99       |
| -----                       |        |      |          |         |       |          |

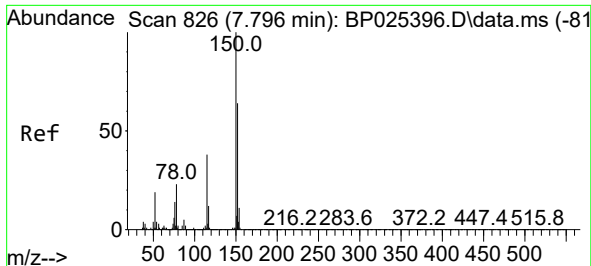
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

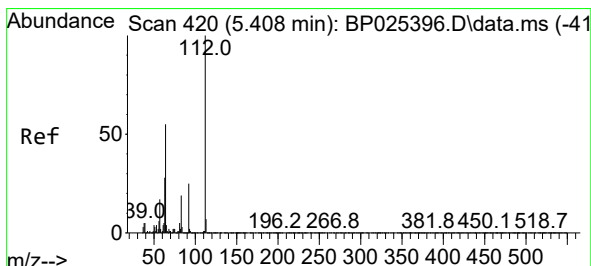
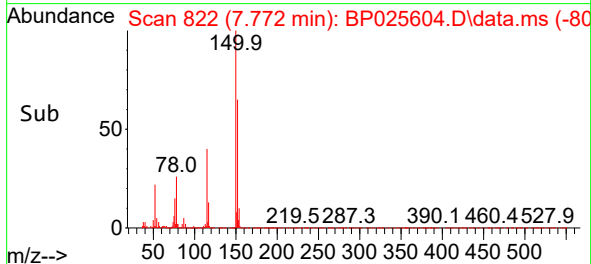
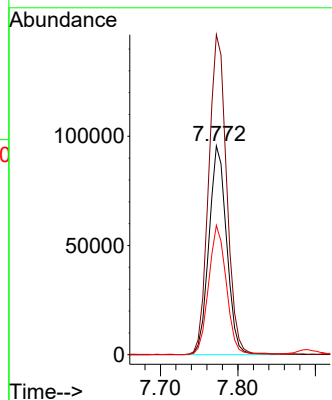
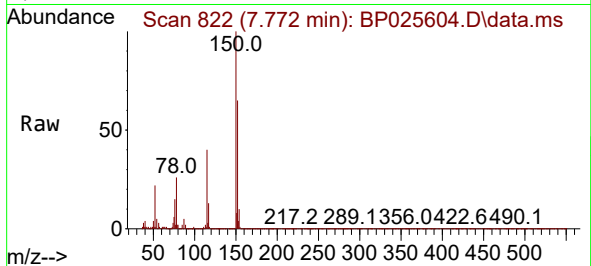




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.772 min Scan# 81  
Delta R.T. -0.024 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

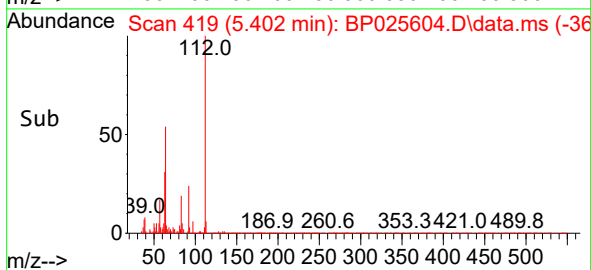
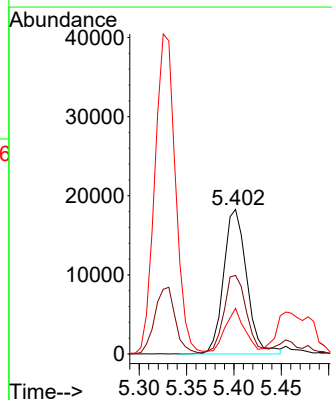
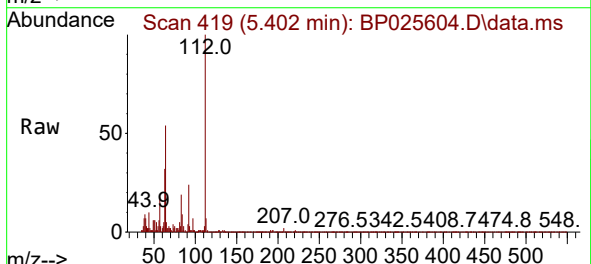
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL

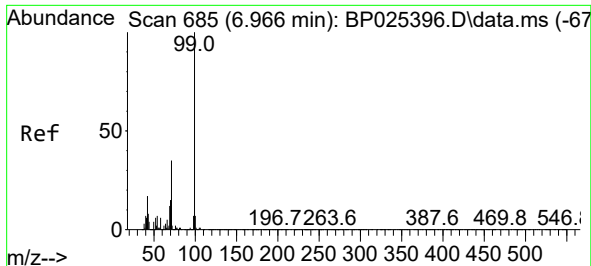
Tgt Ion:152 Resp: 151725  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.9 188.9  
115 61.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 3.400 ng  
RT: 5.402 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

Tgt Ion:112 Resp: 31061  
Ion Ratio Lower Upper  
112 100  
64 54.3 43.8 65.8  
63 31.5 22.7 34.1

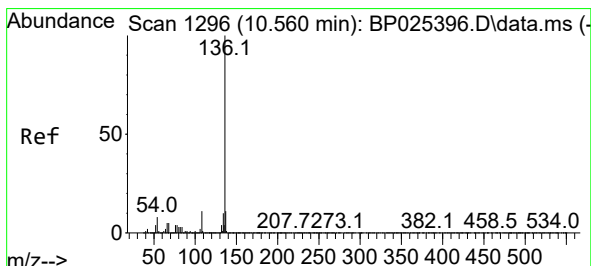
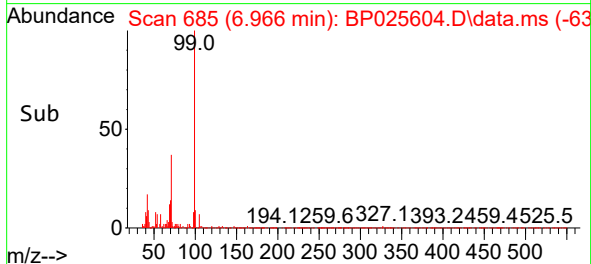
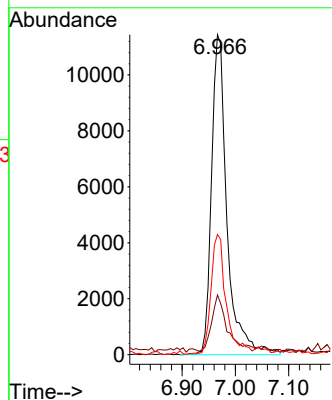
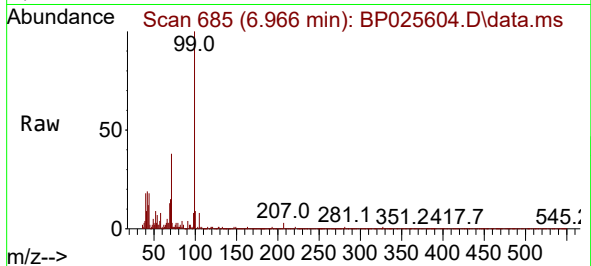




#7  
Phenol-d6  
Concen: 1.962 ng  
RT: 6.966 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

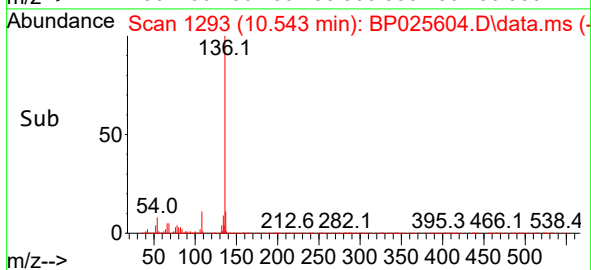
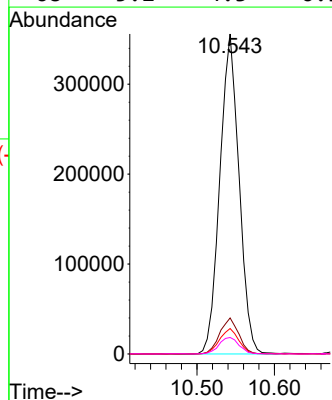
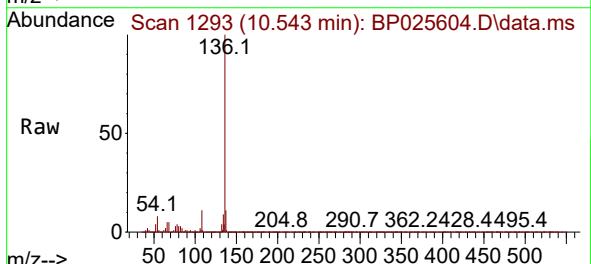
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL

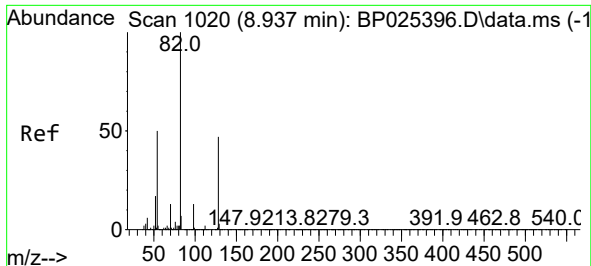
Tgt Ion: 99 Resp: 22977  
Ion Ratio Lower Upper  
99 100  
42 18.6 13.7 20.5  
71 37.6 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.543 min Scan# 1293  
Delta R.T. -0.018 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

Tgt Ion: 136 Resp: 613134  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.2 13.8  
54 8.0 6.0 9.0  
68 5.2 4.3 6.5

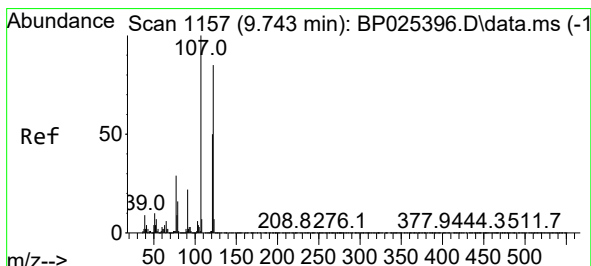
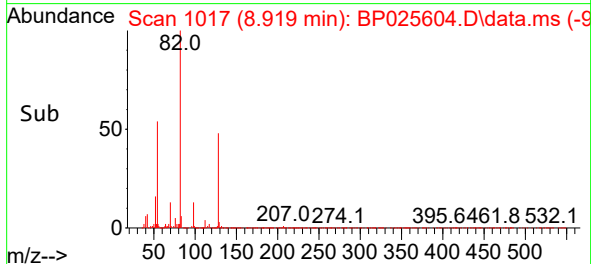
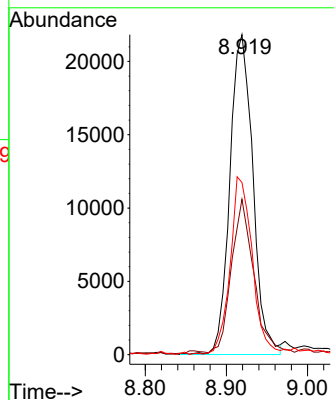
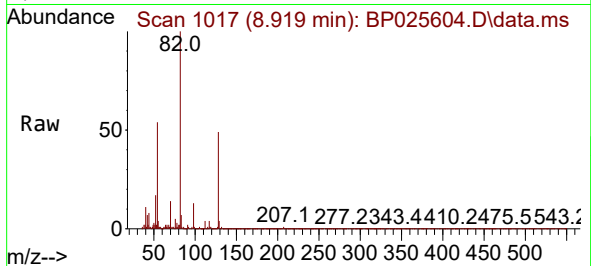




#23  
Nitrobenzene-d5  
Concen: 3.547 ng  
RT: 8.919 min Scan# 1017  
Delta R.T. -0.018 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

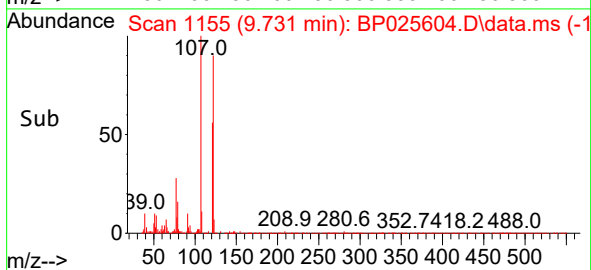
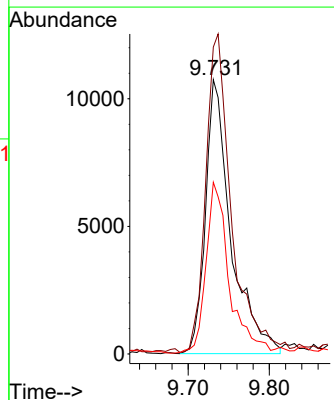
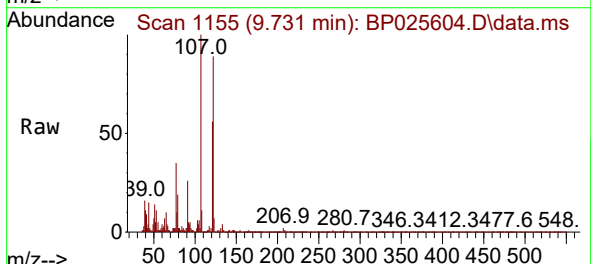
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL

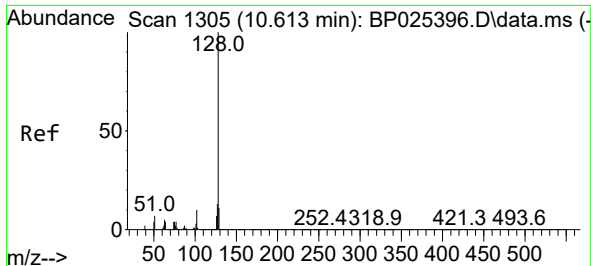
Tgt Ion: 82 Resp: 42994  
Ion Ratio Lower Upper  
82 100  
128 48.6 37.7 56.5  
54 53.8 39.8 59.6



#27  
2,4-Dimethylphenol  
Concen: 2.452 ng  
RT: 9.731 min Scan# 1155  
Delta R.T. -0.012 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

Tgt Ion: 122 Resp: 23444  
Ion Ratio Lower Upper  
122 100  
107 111.9 93.7 140.5  
121 62.6 46.6 69.8

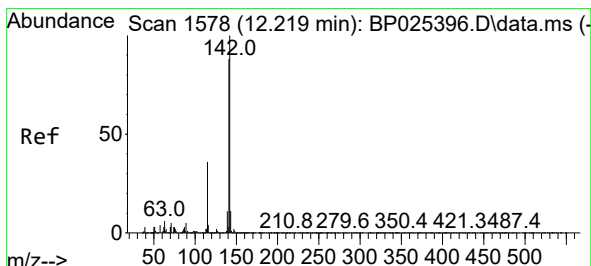
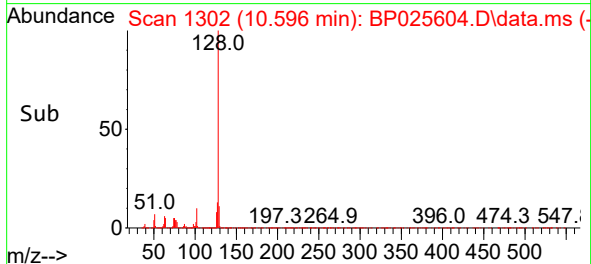
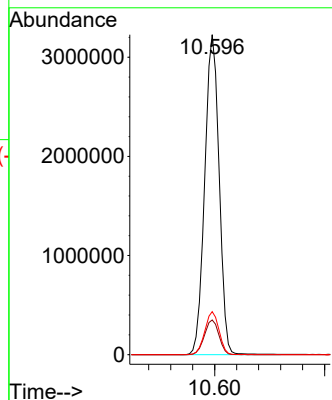
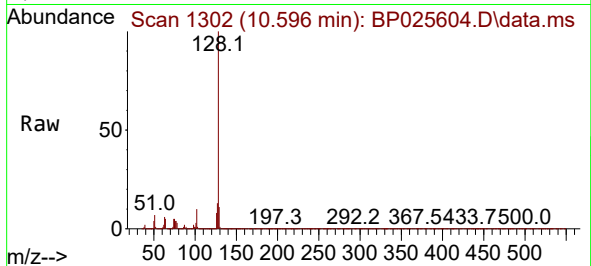




#31  
Naphthalene  
Concen: 183.982 ng  
RT: 10.596 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

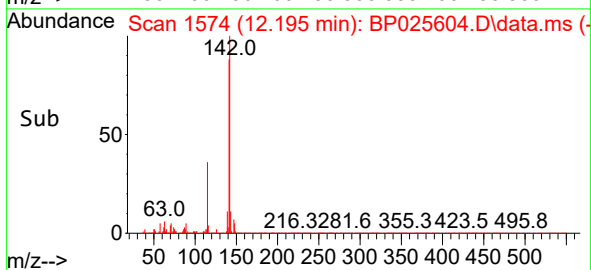
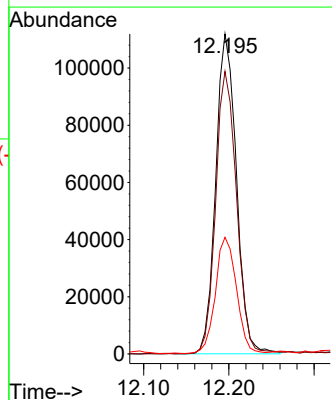
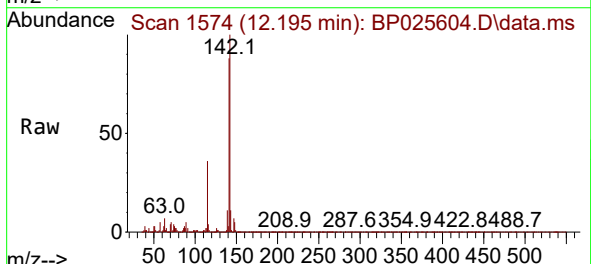
Instrument :  
BNA\_P  
ClientSampleId :  
MW-19B-082125DL

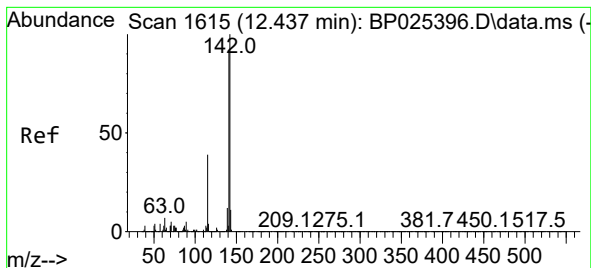
Tgt Ion:128 Resp: 5863129  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.5 10.7 16.1



#37  
2-Methylnaphthalene  
Concen: 9.107 ng  
RT: 12.195 min Scan# 1574  
Delta R.T. -0.023 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

Tgt Ion:142 Resp: 188858  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.3 105.5  
115 36.5 28.9 43.3





#38

1-Methylnaphthalene

Concen: 14.547 ng

RT: 12.419 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL

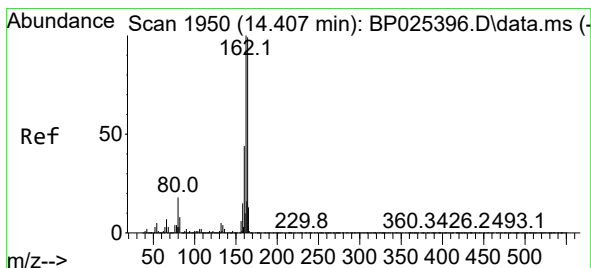
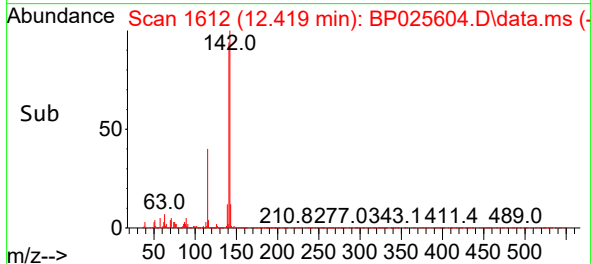
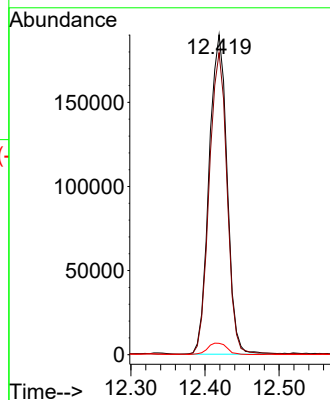
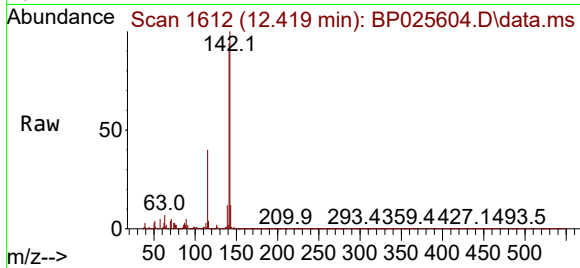
Tgt Ion:142 Resp: 320842

Ion Ratio Lower Upper

142 100

141 94.4 73.1 109.7

116 3.6 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

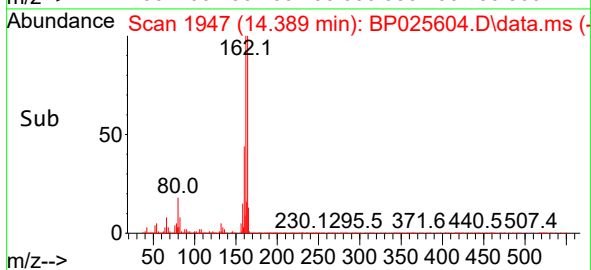
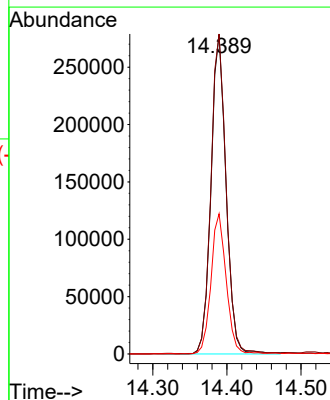
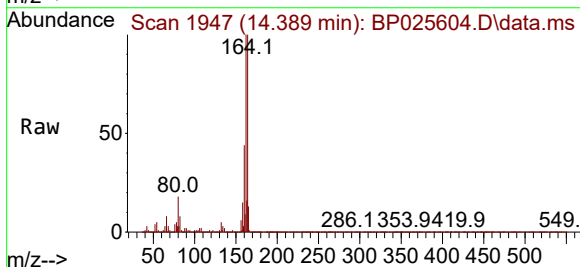
Tgt Ion:164 Resp: 392479

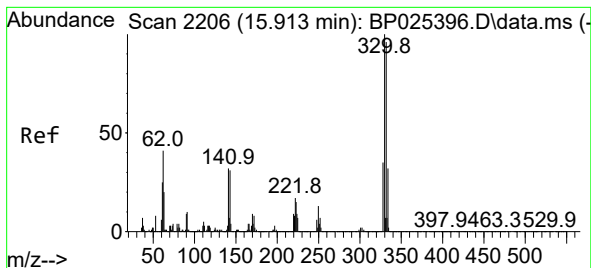
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

160 43.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 6.348 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL

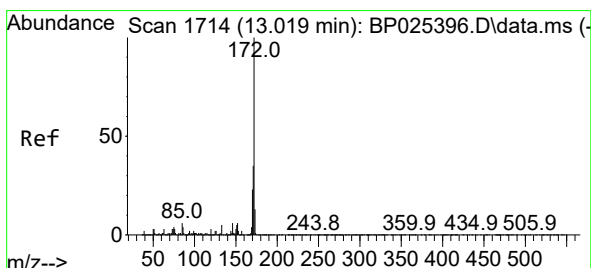
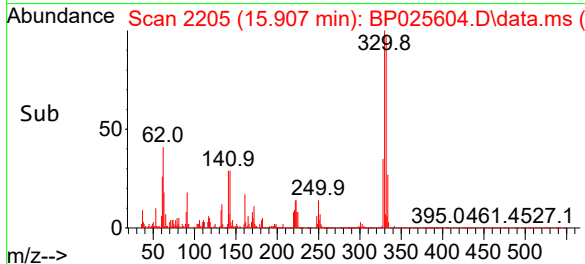
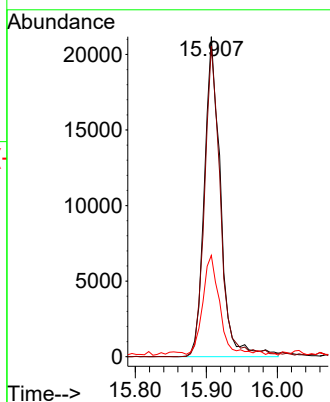
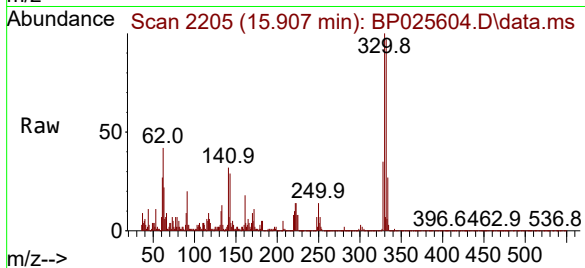
Tgt Ion:330 Resp: 33533

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 31.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 3.917 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

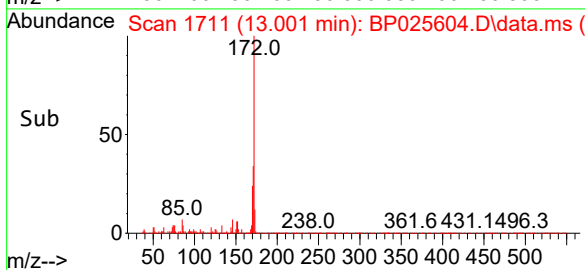
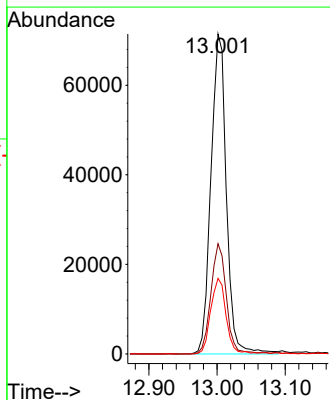
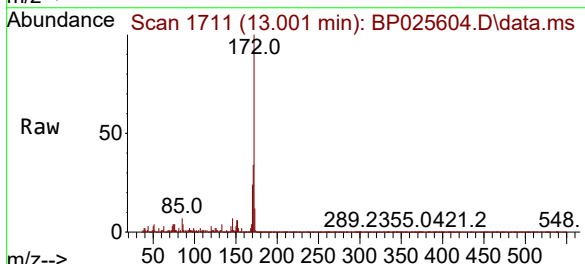
Tgt Ion:172 Resp: 112477

Ion Ratio Lower Upper

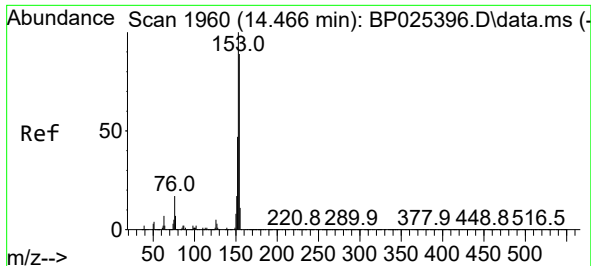
172 100

171 34.5 28.1 42.1

170 23.6 18.6 28.0



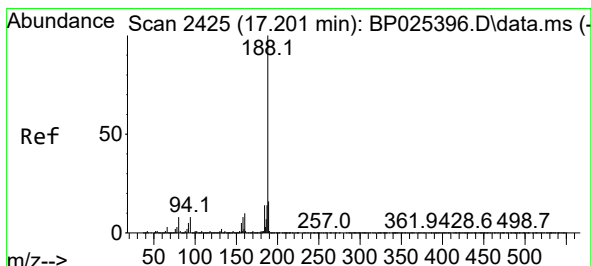
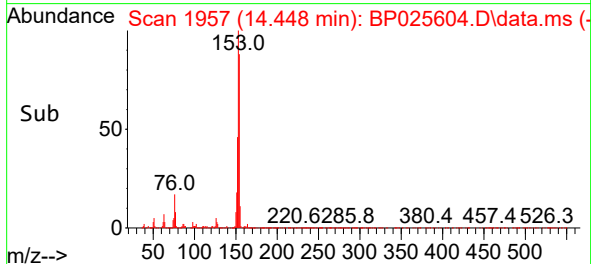
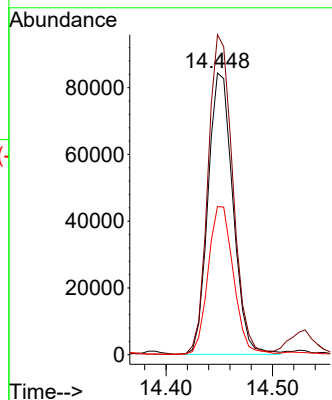
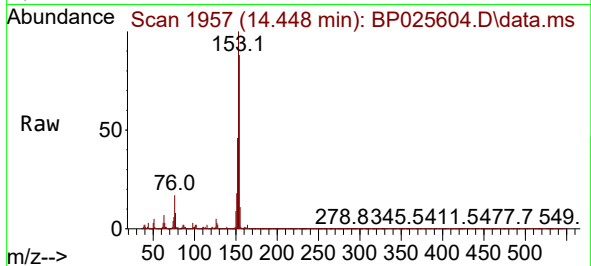




#52  
Acenaphthene  
Concen: 6.335 ng  
RT: 14.448 min Scan# 1957  
Delta R.T. -0.018 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

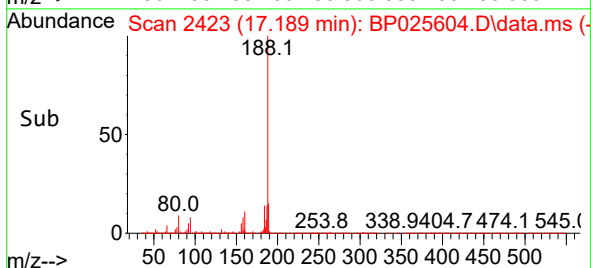
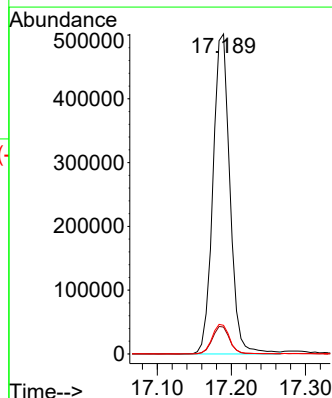
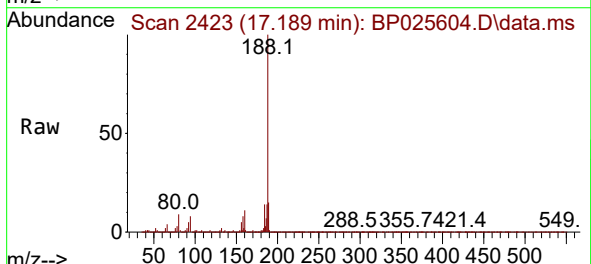
Instrument :  
BNA\_P  
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MW-19B-082125DL

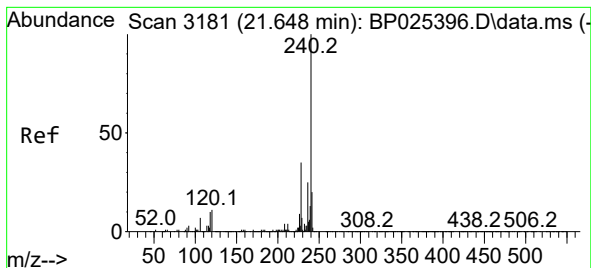
Tgt Ion:154 Resp: 136537  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.2 135.2  
152 52.6 42.1 63.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2423  
Delta R.T. -0.012 min  
Lab File: BP025604.D  
Acq: 27 Aug 2025 15:41

Tgt Ion:188 Resp: 797526  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.6 10.0  
80 9.0 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL

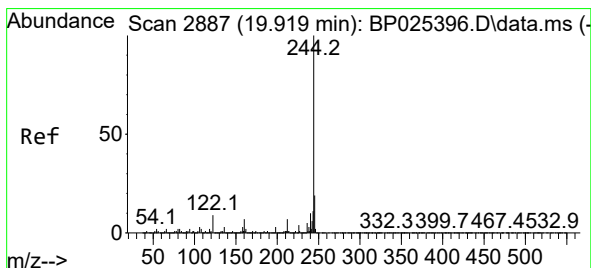
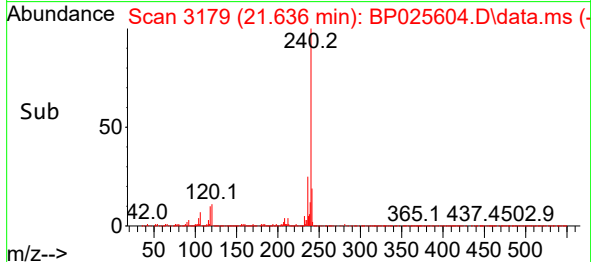
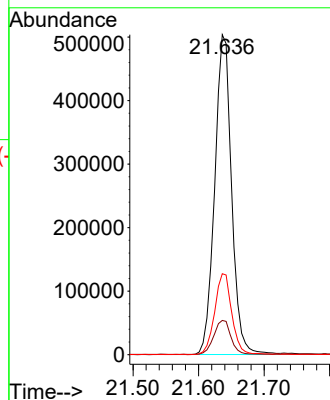
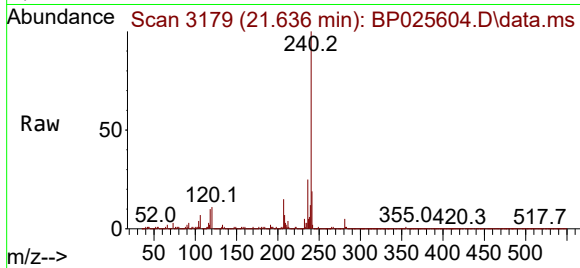
Tgt Ion:240 Resp: 898906

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 4.074 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

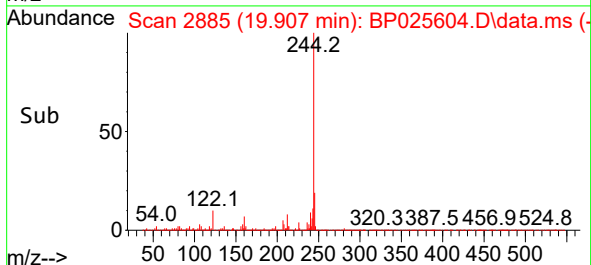
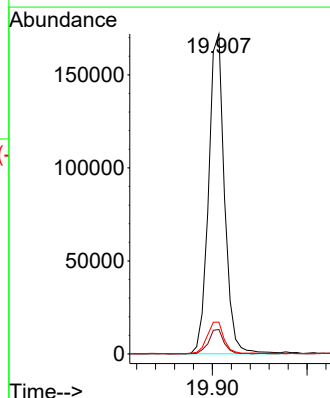
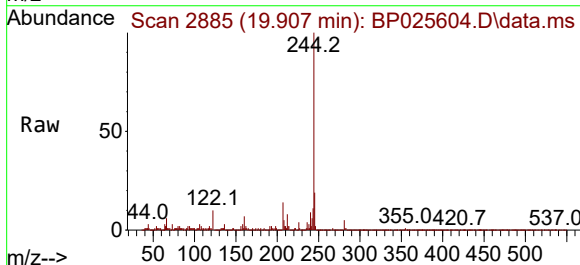
Tgt Ion:244 Resp: 200178

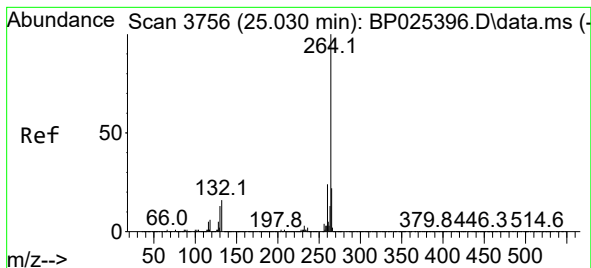
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025604.D

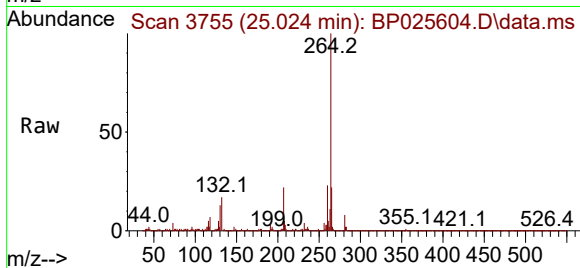
Acq: 27 Aug 2025 15:41

Instrument :

BNA\_P

ClientSampleId :

MW-19B-082125DL



Tgt Ion:264 Resp: 1044774

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.0 17.4 26.0

