

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071425\  
 Data File : BP025126.D  
 Acq On : 14 Jul 2025 19:09  
 Operator : CG/JU  
 Sample : Q2553-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 AOC-203

Quant Time: Jul 14 19:38:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

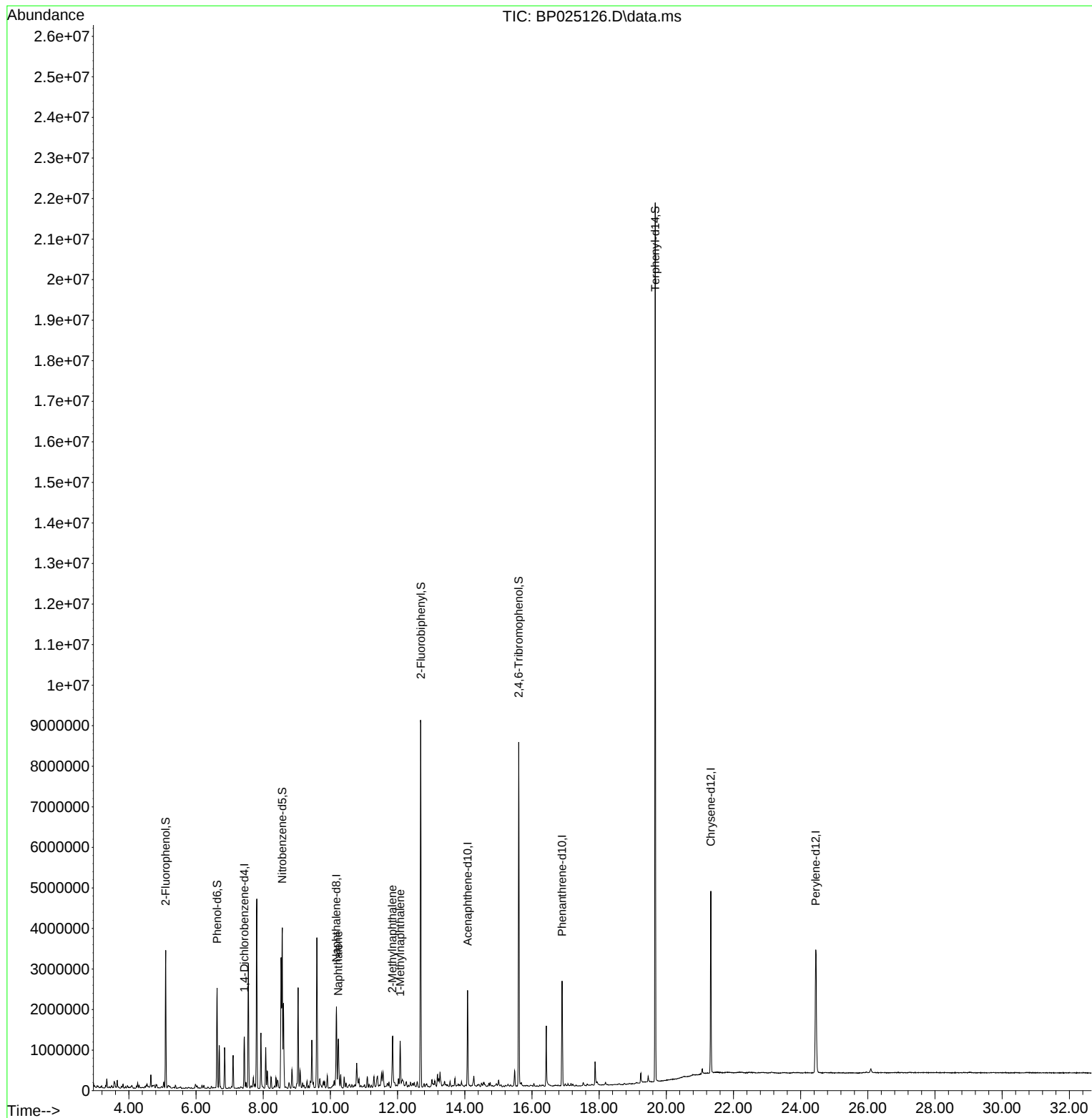
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.437  | 152  | 356736   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.178 | 136  | 1359325  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.084 | 164  | 848645   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.895 | 188  | 1826157  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.324 | 240  | 2432841  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.448 | 264  | 2988381  | 20.000  | ng    | -0.05    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.096  | 112  | 1448557  | 71.948  | ng    | 0.00     |
| 7) Phenol-d6                | 6.625  | 99   | 1121205  | 42.674  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.566  | 82   | 2104039  | 102.940 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.607 | 330  | 1717749  | 171.341 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.690 | 172  | 5059470  | 92.359  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.672 | 244  | 9975517  | 90.117  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.231 | 128  | 775167   | 11.075  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 11.848 | 142  | 210250   | 4.257   | ng    | 99       |
| 38) 1-Methylnaphthalene     | 12.078 | 142  | 459616   | 9.542   | ng    | # 99     |
| -----                       |        |      |          |         |       |          |

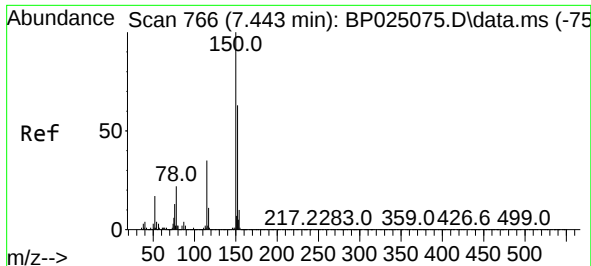
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071425\  
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Sample : Q2553-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
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AOC-203

Quant Time: Jul 14 19:38:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 03 16:05:44 2025  
Response via : Initial Calibration

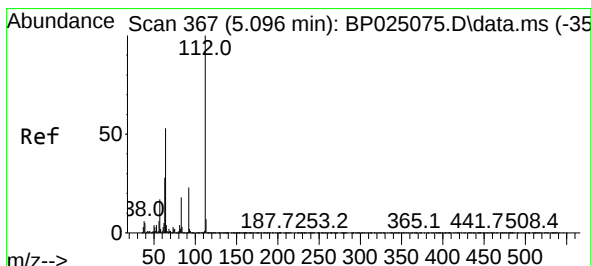
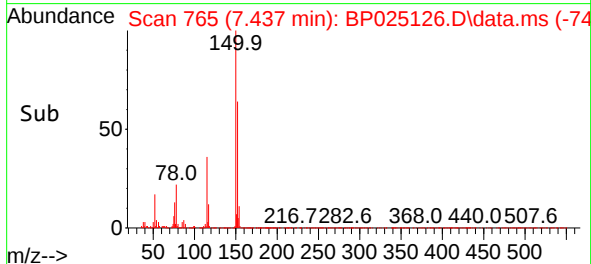
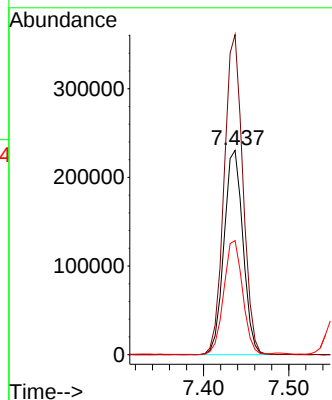
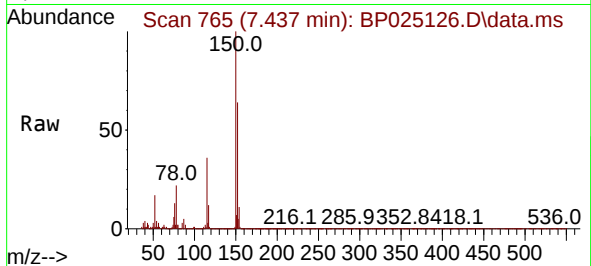




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.437 min Scan# 7  
 Delta R.T. -0.006 min  
 Lab File: BP025126.D  
 Acq: 14 Jul 2025 19:09

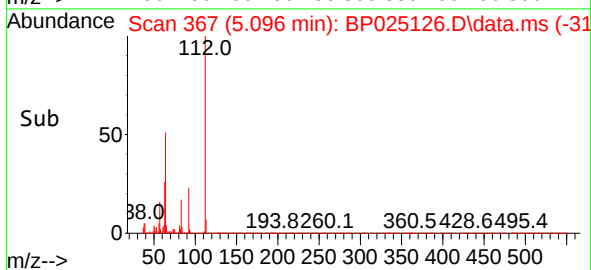
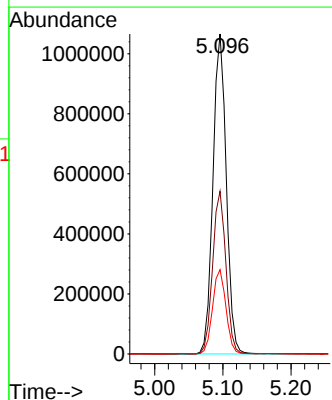
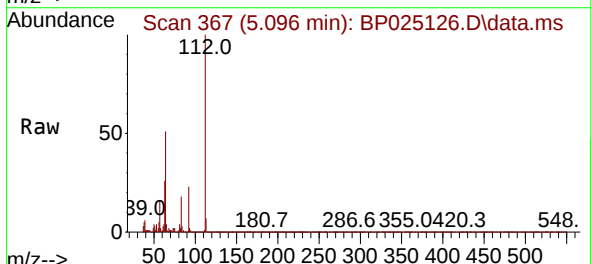
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 ClientSampleId :  
 AOC-203

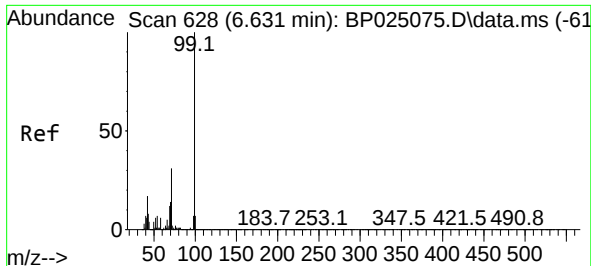
Tgt Ion:152 Resp: 356736  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 126.1 189.1  
 115 55.8 44.3 66.5



#5  
 2-Fluorophenol  
 Concen: 71.948 ng  
 RT: 5.096 min Scan# 367  
 Delta R.T. 0.000 min  
 Lab File: BP025126.D  
 Acq: 14 Jul 2025 19:09

Tgt Ion:112 Resp: 1448557  
 Ion Ratio Lower Upper  
 112 100  
 64 50.9 42.0 63.0  
 63 26.3 22.2 33.2



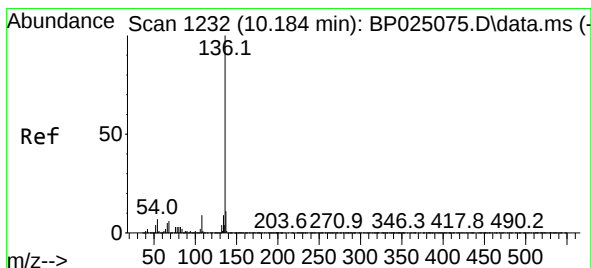
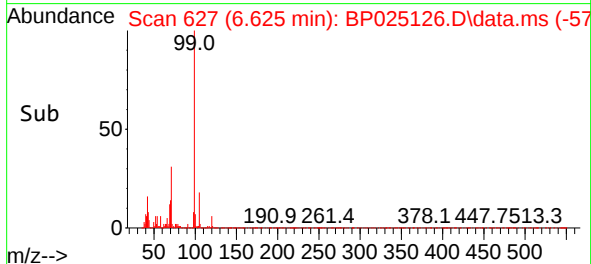
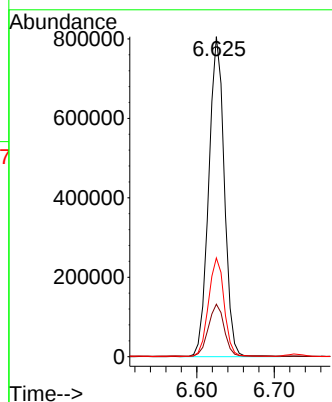
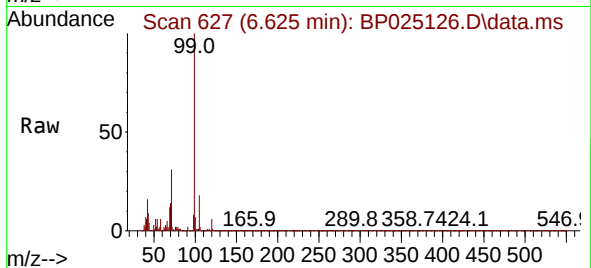


#7  
Phenol-d6  
Concen: 42.674 ng  
RT: 6.625 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

Instrument :  
BNA\_P  
ClientSampleId :  
AOC-203

Tgt Ion: 99 Resp: 1121205

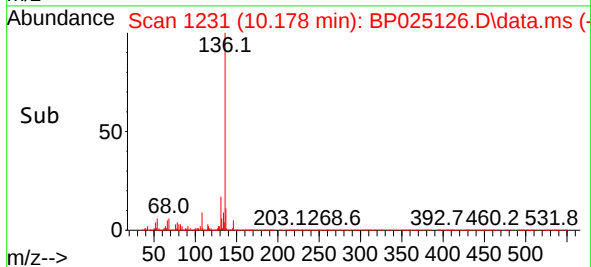
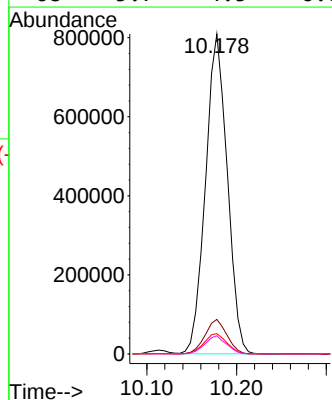
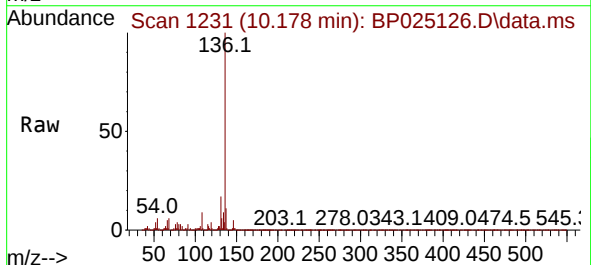
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 13.6  | 20.4  |
| 71  | 30.9  | 24.4  | 36.6  |

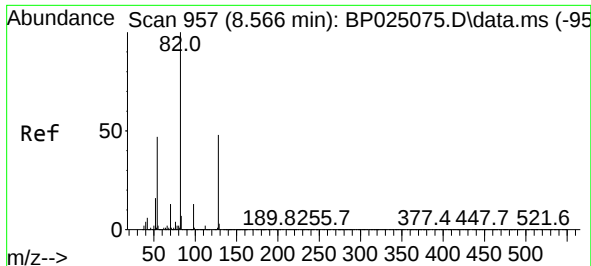


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.178 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

Tgt Ion: 136 Resp: 1359325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.7   | 13.1  |
| 54  | 6.4   | 5.4   | 8.2   |
| 68  | 5.7   | 4.5   | 6.7   |

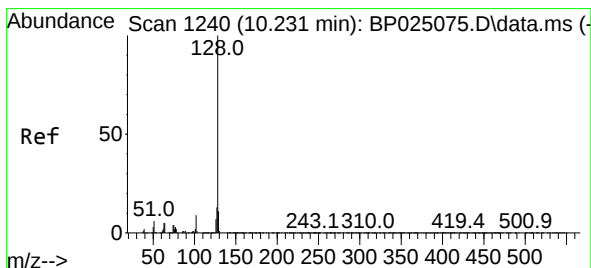
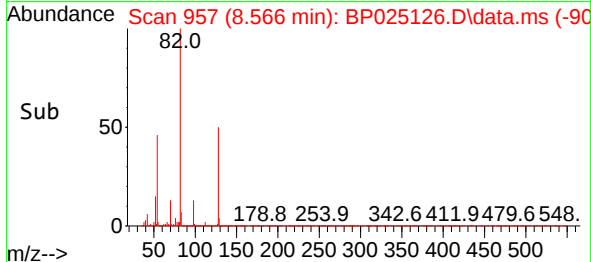
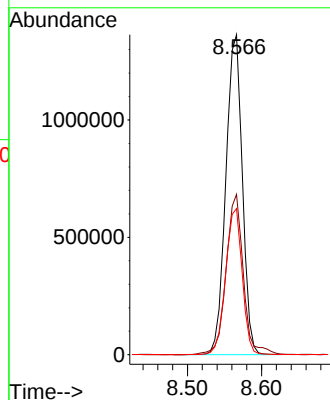
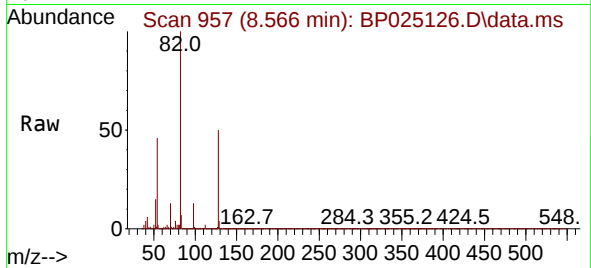




#23  
Nitrobenzene-d5  
Concen: 102.940 ng  
RT: 8.566 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

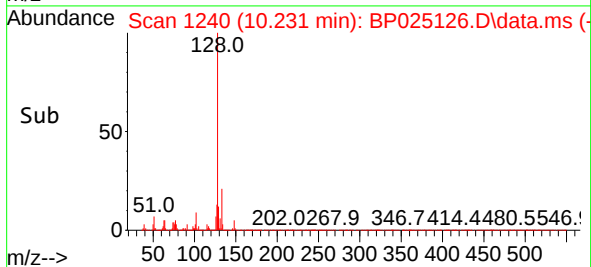
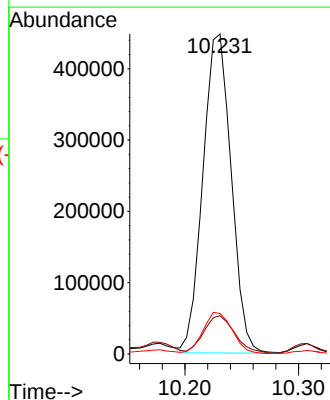
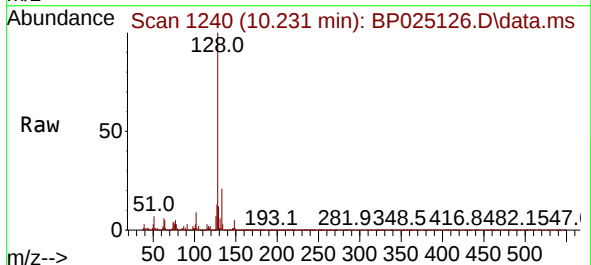
Instrument :  
BNA\_P  
ClientSampleId :  
AOC-203

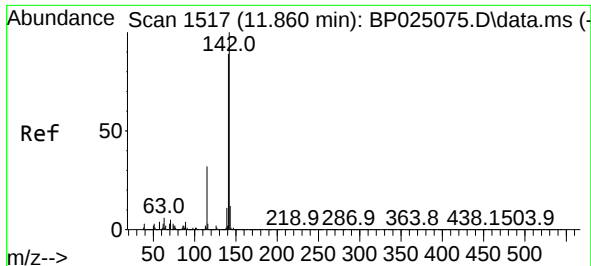
Tgt Ion: 82 Resp: 2104039  
Ion Ratio Lower Upper  
82 100  
128 50.1 38.4 57.6  
54 45.6 37.8 56.6



#31  
Naphthalene  
Concen: 11.075 ng  
RT: 10.231 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

Tgt Ion:128 Resp: 775167  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.9 13.3  
127 12.7 10.4 15.6

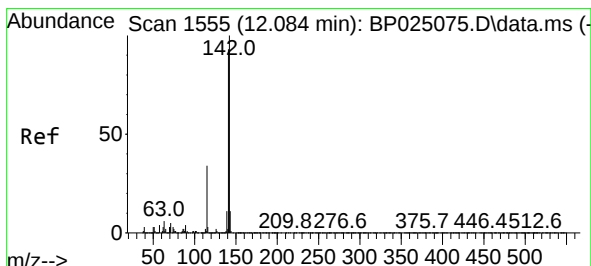
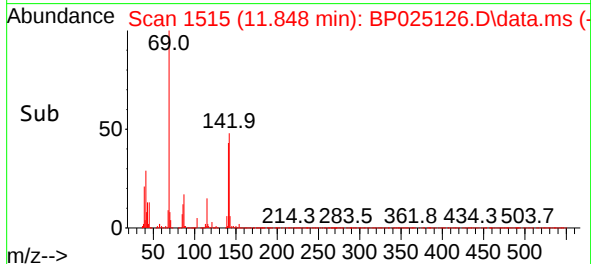
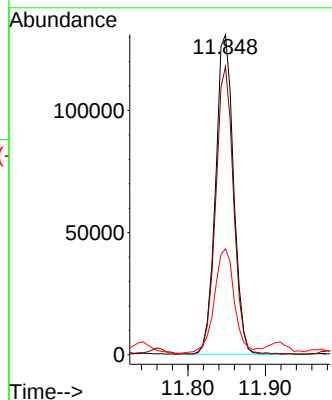
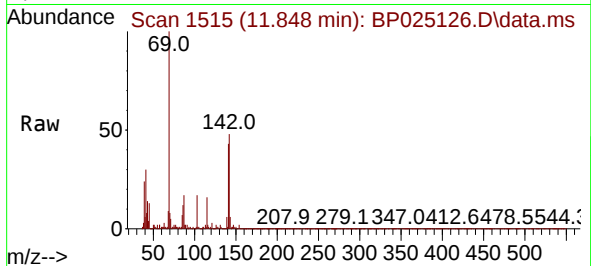




#37  
2-Methylnaphthalene  
Concen: 4.257 ng  
RT: 11.848 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

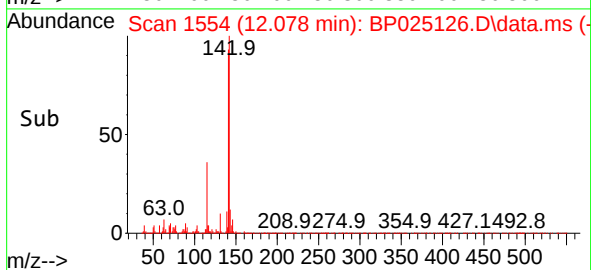
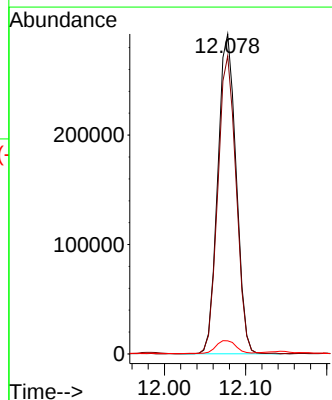
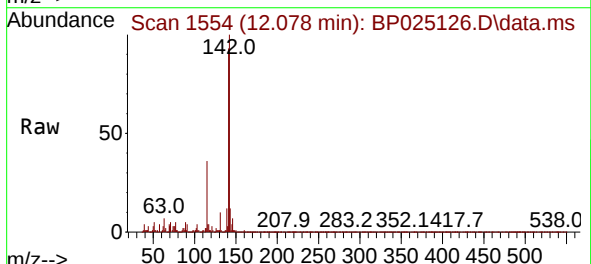
Instrument :  
BNA\_P  
ClientSampleId :  
AOC-203

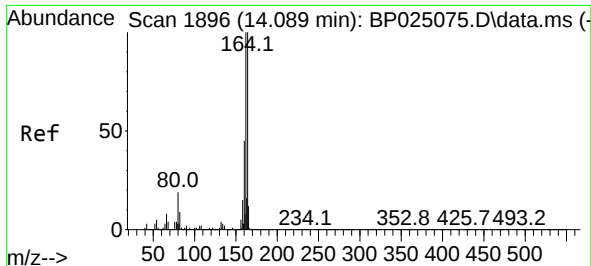
Tgt Ion:142 Resp: 210250  
Ion Ratio Lower Upper  
142 100  
141 90.0 71.2 106.8  
115 33.1 25.9 38.9



#38  
1-Methylnaphthalene  
Concen: 9.542 ng  
RT: 12.078 min Scan# 1554  
Delta R.T. -0.006 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

Tgt Ion:142 Resp: 459616  
Ion Ratio Lower Upper  
142 100  
141 93.2 74.1 111.1  
116 4.1 2.7 4.1#

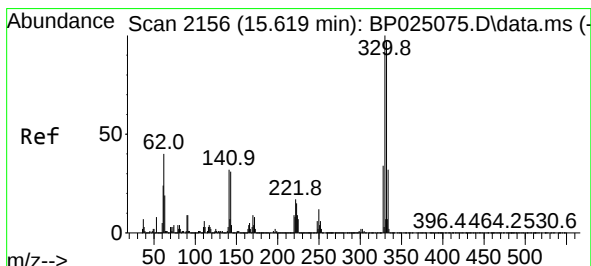
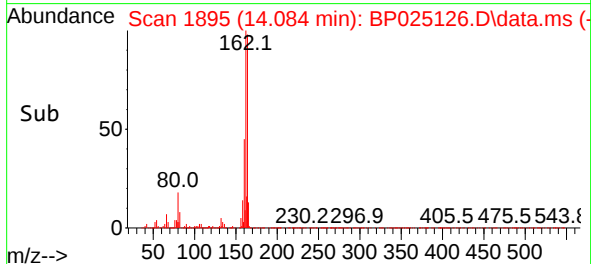
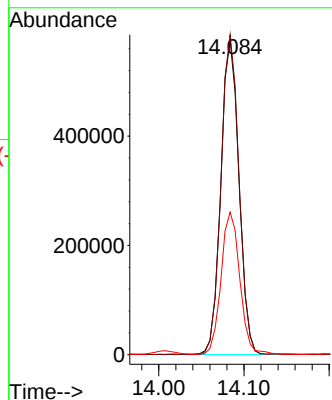
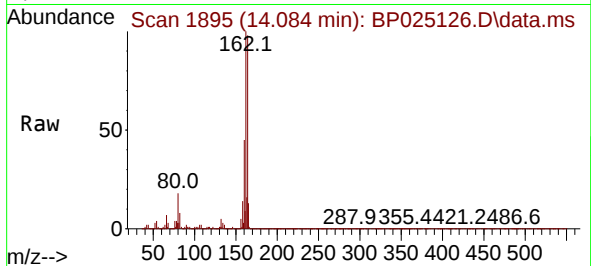




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.084 min Scan# 1896  
Delta R.T. -0.005 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

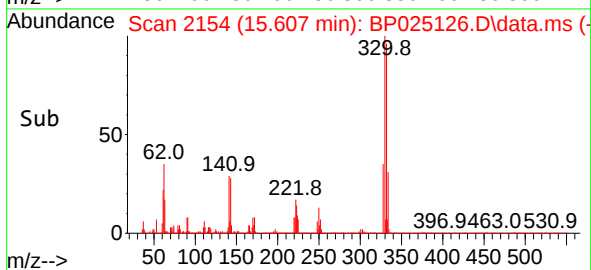
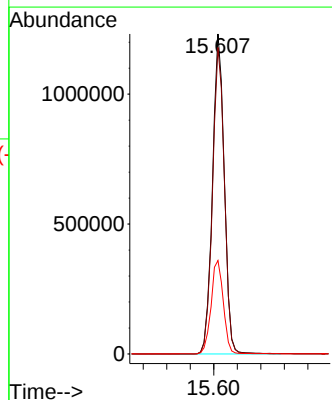
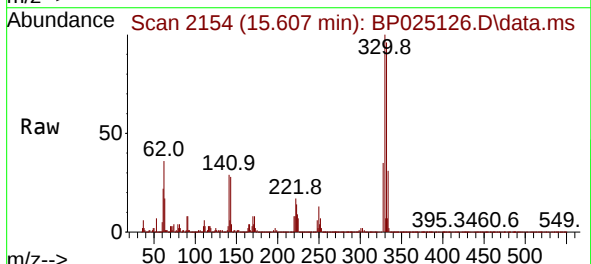
Instrument :  
BNA\_P  
ClientSampleId :  
AOC-203

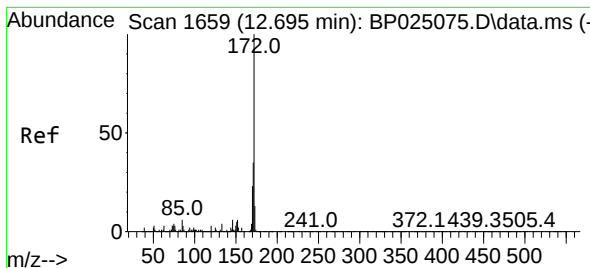
Tgt Ion:164 Resp: 848645  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.3 120.5  
160 45.4 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 171.341 ng  
RT: 15.607 min Scan# 2154  
Delta R.T. -0.012 min  
Lab File: BP025126.D  
Acq: 14 Jul 2025 19:09

Tgt Ion:330 Resp: 1717749  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 30.2 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 92.359 ng

RT: 12.690 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

Instrument :

BNA\_P

ClientSampleId :

AOC-203

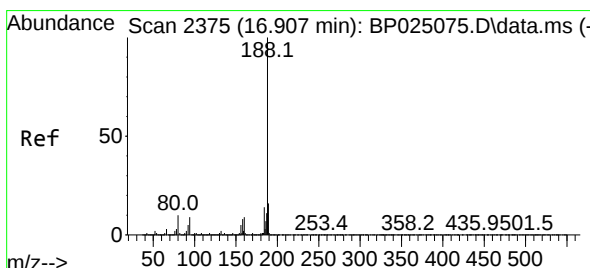
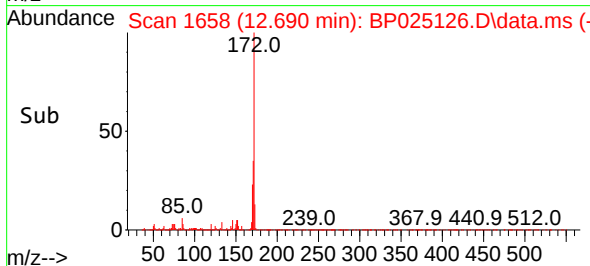
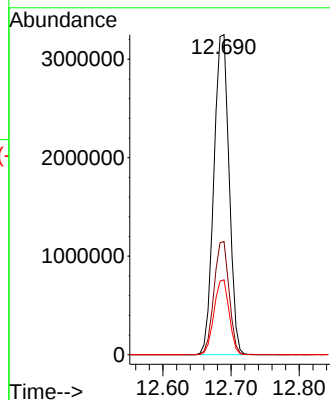
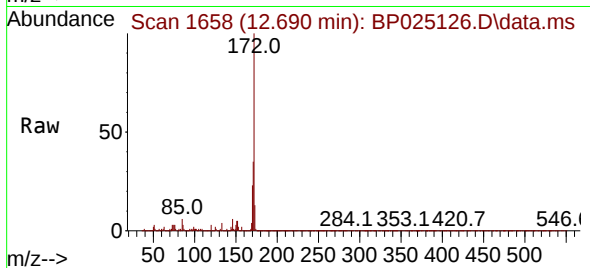
Tgt Ion:172 Resp: 5059470

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2373

Delta R.T. -0.012 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

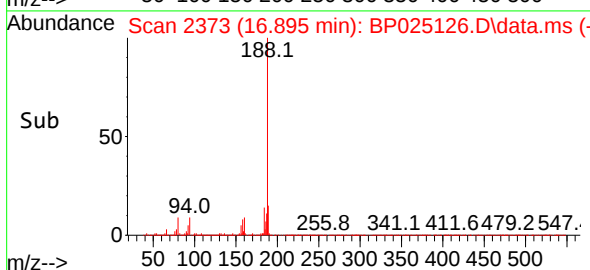
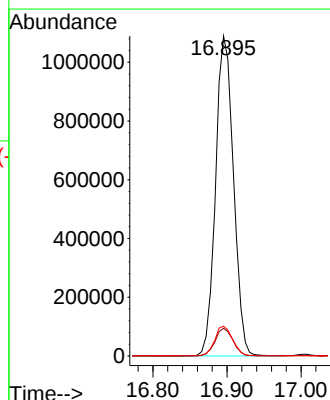
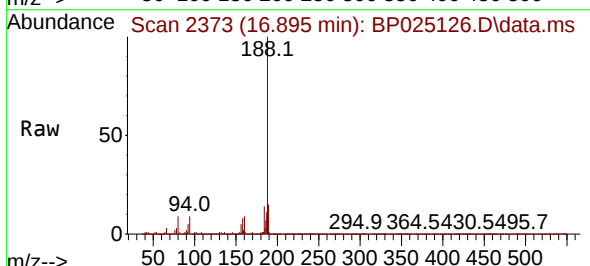
Tgt Ion:188 Resp: 1826157

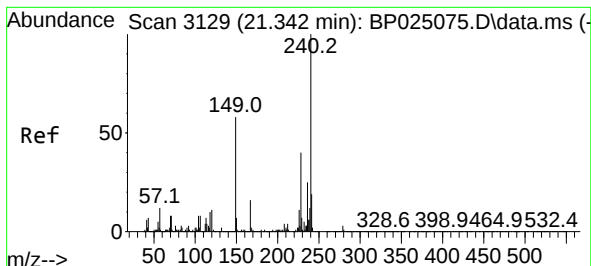
Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

80 9.3 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

Instrument :

BNA\_P

ClientSampleId :

AOC-203

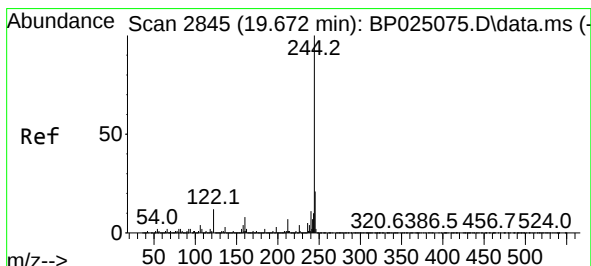
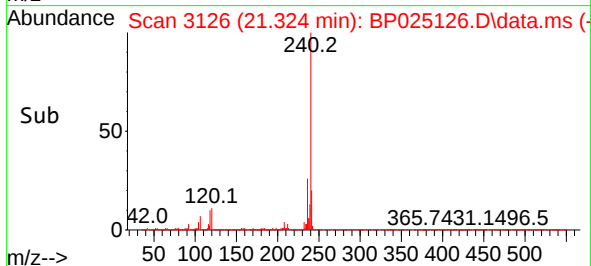
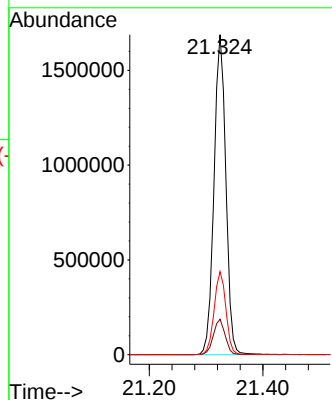
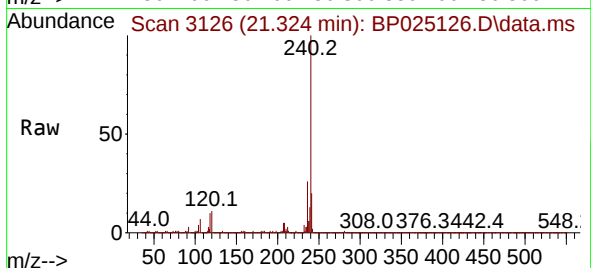
Tgt Ion:240 Resp: 2432841

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 90.117 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

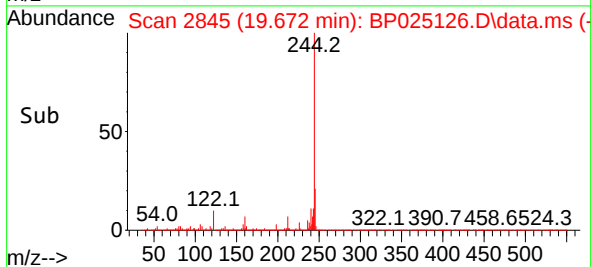
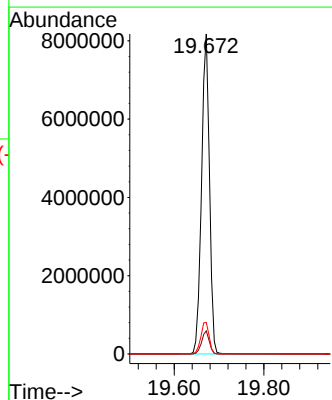
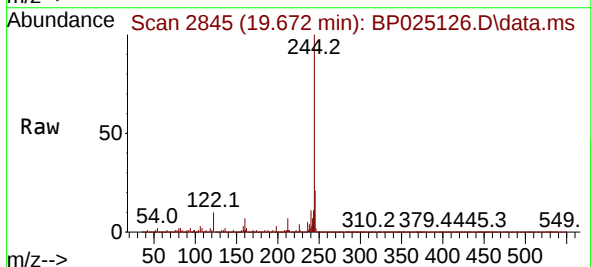
Tgt Ion:244 Resp: 9975517

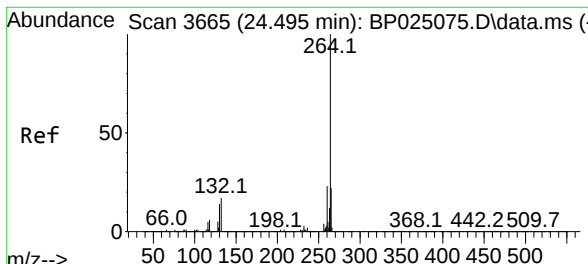
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.8 9.4 14.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.448 min Scan# 30  
 Delta R.T. -0.047 min  
 Lab File: BP025126.D  
 Acq: 14 Jul 2025 19:09

Instrument :  
 BNA\_P  
 ClientSampleId :  
 AOC-203

Tgt Ion:264 Resp: 2988381  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 28.0  
 265 21.8 17.7 26.5

