

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082625\  
 Data File : BP025589.D  
 Acq On : 26 Aug 2025 17:18  
 Operator : CG/JU  
 Sample : Q2924-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-16C-082025

Quant Time: Aug 26 17:52:13 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

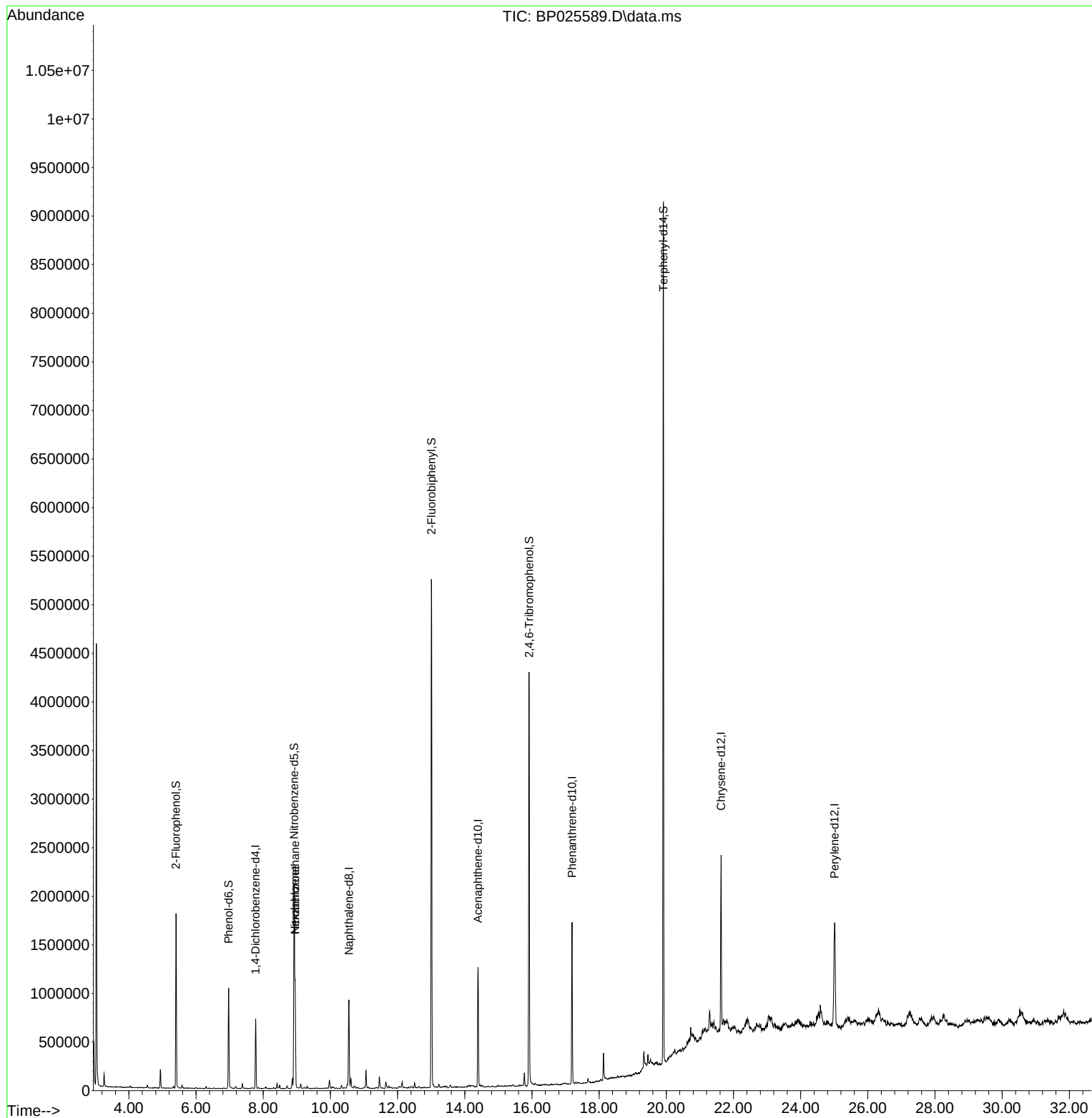
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.772  | 152  | 200652   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.549 | 136  | 790738   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.395 | 164  | 502369   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.195 | 188  | 1002259  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.630 | 240  | 1066647  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.007 | 264  | 1227492  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.402  | 112  | 783968   | 64.885  | ng    | 0.00     |
| 7) Phenol-d6                | 6.966  | 99   | 613325   | 39.593  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.919  | 82   | 1307780  | 83.662  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.919 | 330  | 950239   | 140.528 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.007 | 172  | 2929155  | 79.687  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.913 | 244  | 4447310  | 76.283  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 18) Hexachloroethane        | 8.949  | 117  | 600242   | 106.238 | ng    | # 2      |
| 24) Nitrobenzene            | 8.949  | 77   | 32547    | 2.330   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

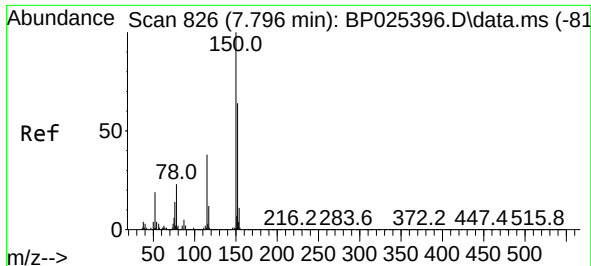
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082625\  
Data File : BP025589.D  
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Operator : CG/JU  
Sample : Q2924-09  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MW-16C-082025

Quant Time: Aug 26 17:52:13 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

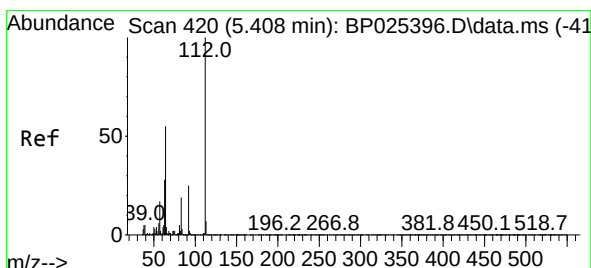
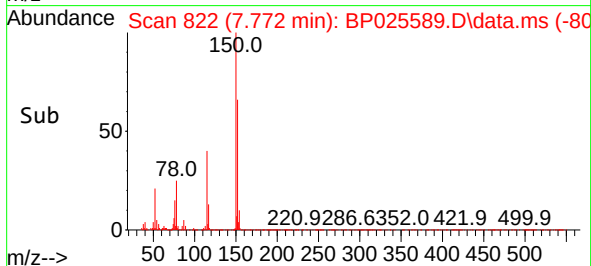
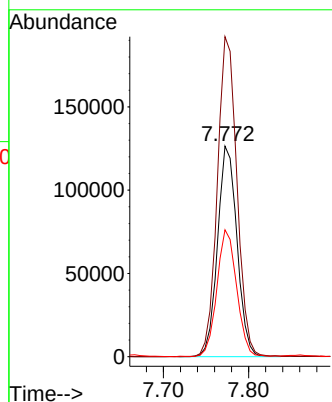
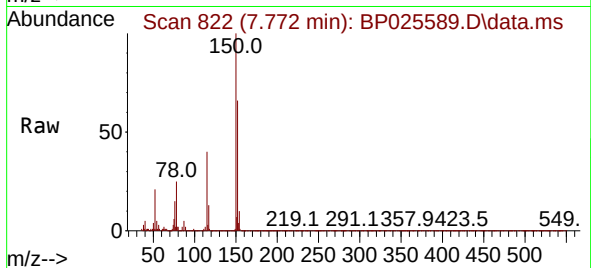




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.772 min Scan# 81  
Delta R.T. -0.024 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

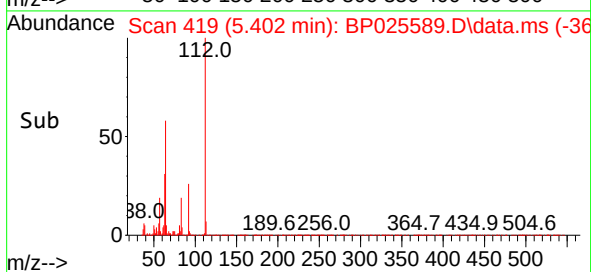
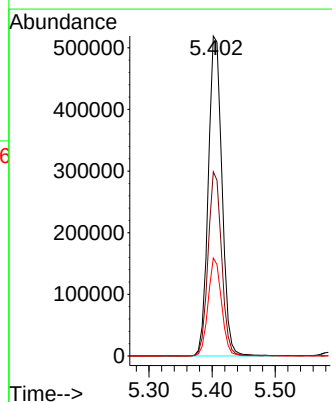
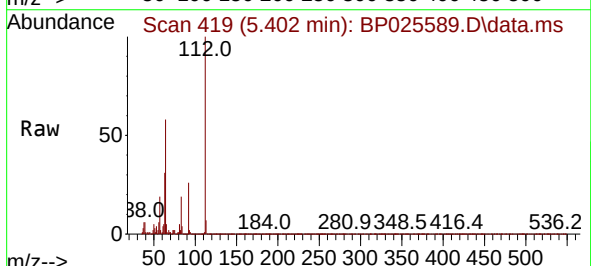
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BNA\_P  
ClientSampleId :  
MW-16C-082025

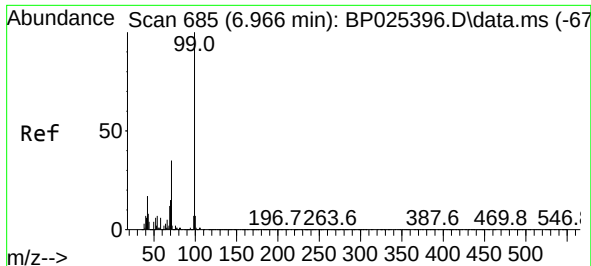
Tgt Ion:152 Resp: 200652  
Ion Ratio Lower Upper  
152 100  
150 152.0 125.9 188.9  
115 60.3 48.5 72.7



#5  
2-Fluorophenol  
Concen: 64.885 ng  
RT: 5.402 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

Tgt Ion:112 Resp: 783968  
Ion Ratio Lower Upper  
112 100  
64 57.5 43.8 65.8  
63 30.6 22.7 34.1

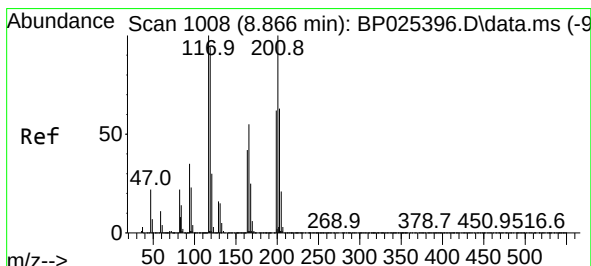
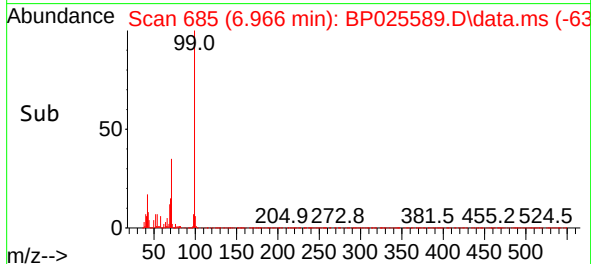
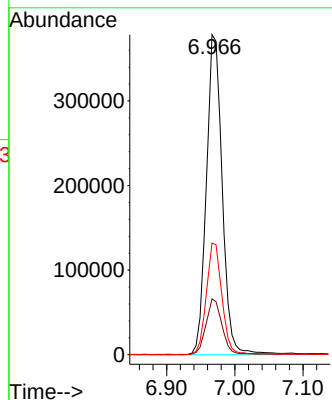
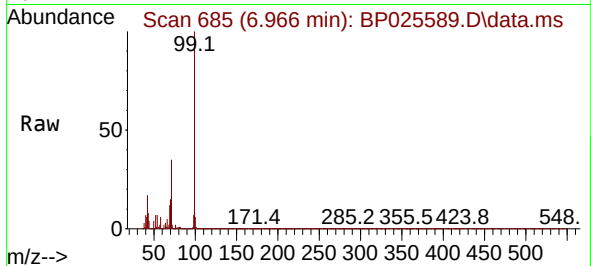




#7  
Phenol-d6  
Concen: 39.593 ng  
RT: 6.966 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

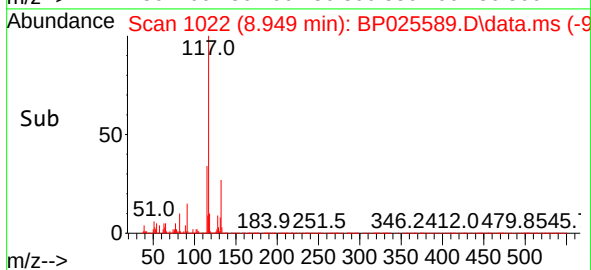
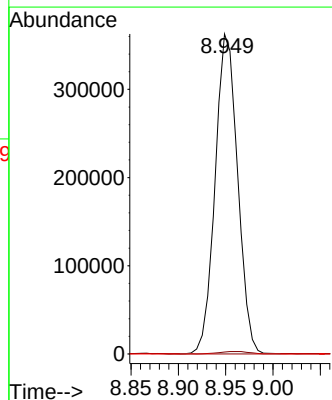
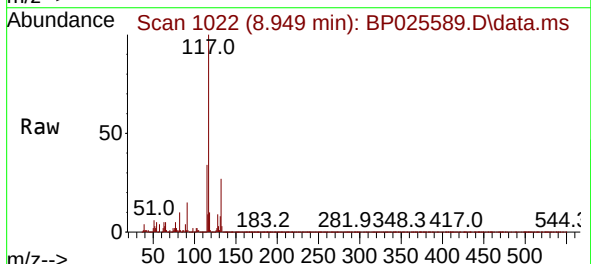
Instrument :  
BNA\_P  
ClientSampleId :  
MW-16C-082025

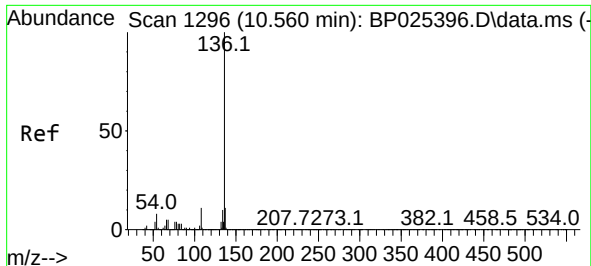
Tgt Ion: 99 Resp: 613325  
Ion Ratio Lower Upper  
99 100  
42 17.5 13.7 20.5  
71 34.9 28.2 42.4



#18  
Hexachloroethane  
Concen: 106.238 ng  
RT: 8.949 min Scan# 1022  
Delta R.T. 0.083 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

Tgt Ion: 117 Resp: 600242  
Ion Ratio Lower Upper  
117 100  
119 0.6 75.1 112.7#  
201 0.0 80.1 120.1#

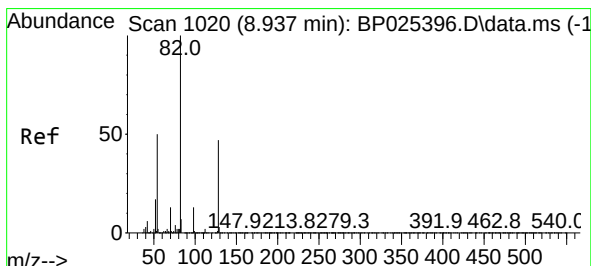
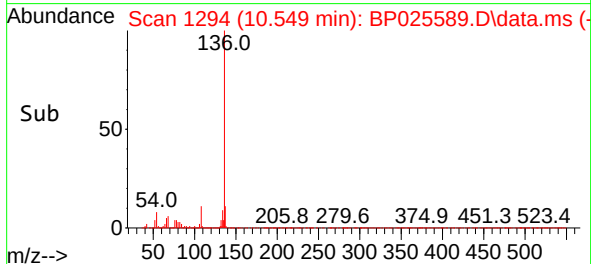
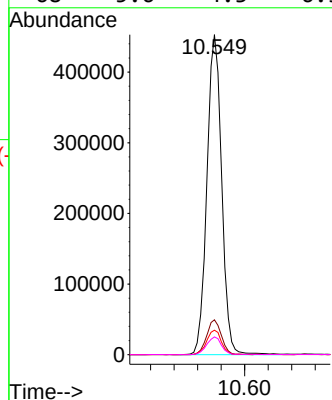
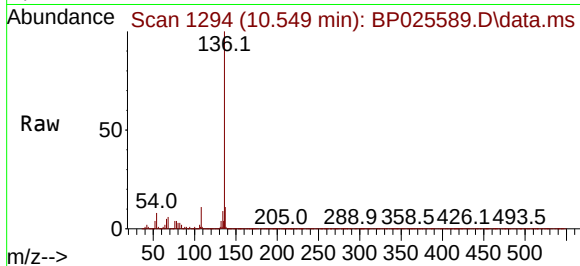




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.549 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

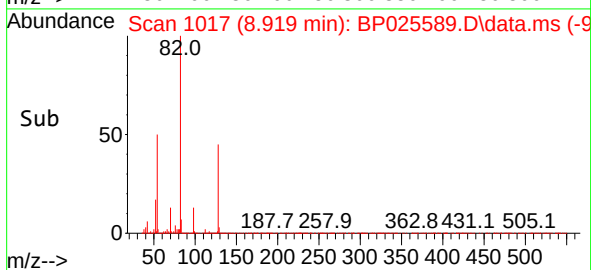
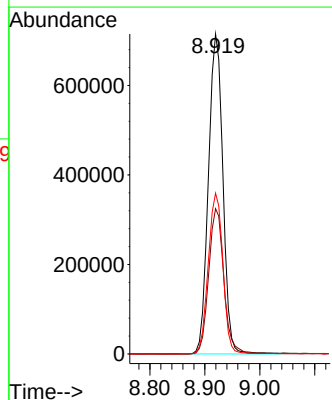
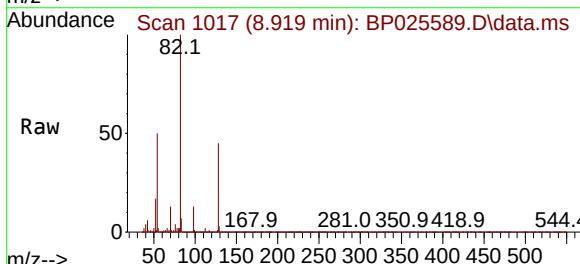
Instrument :  
BNA\_P  
ClientSampleId :  
MW-16C-082025

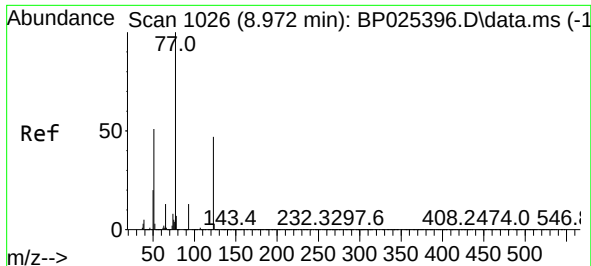
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 790738 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.2   | 13.8   |
| 54       | 7.7   | 6.0   | 9.0    |
| 68       | 5.6   | 4.3   | 6.5    |



#23  
Nitrobenzene-d5  
Concen: 83.662 ng  
RT: 8.919 min Scan# 1017  
Delta R.T. -0.017 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1307780 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 45.4  | 37.7  | 56.5    |
| 54       | 50.3  | 39.8  | 59.6    |

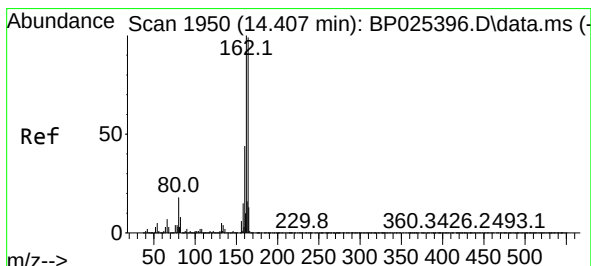
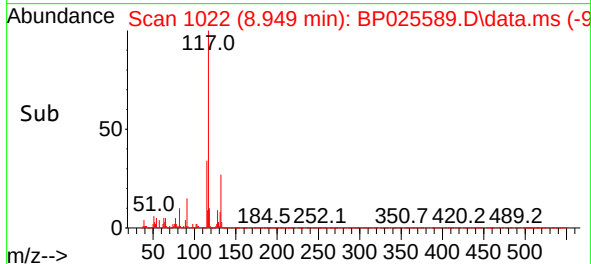
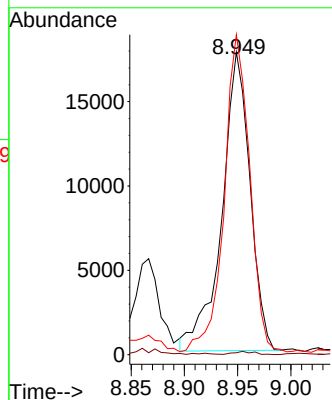
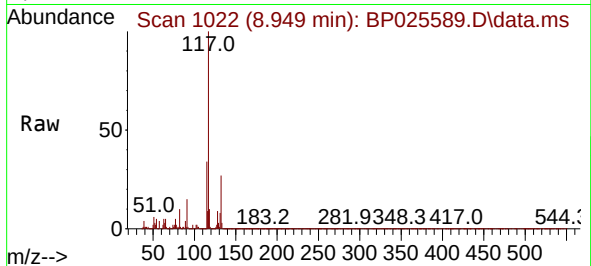




#24  
Nitrobenzene  
Concen: 2.330 ng  
RT: 8.949 min Scan# 1022  
Delta R.T. -0.023 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

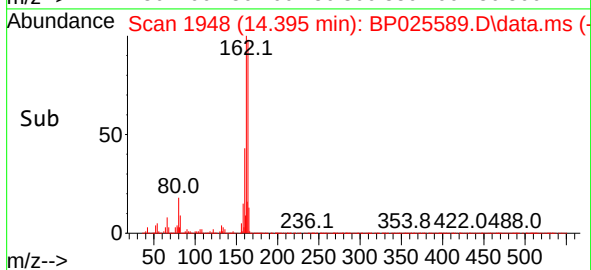
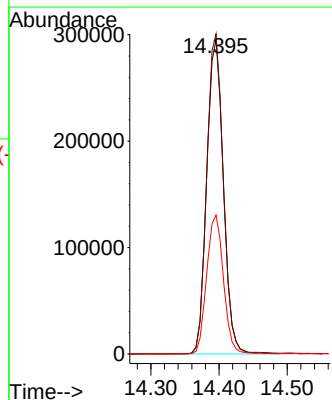
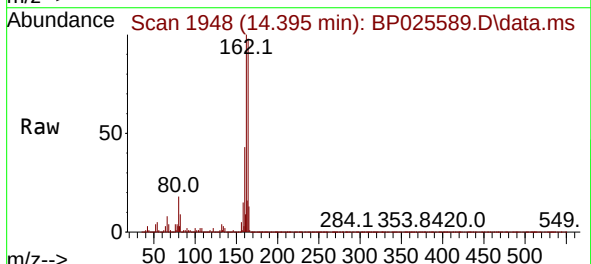
Instrument :  
BNA\_P  
ClientSampleId :  
MW-16C-082025

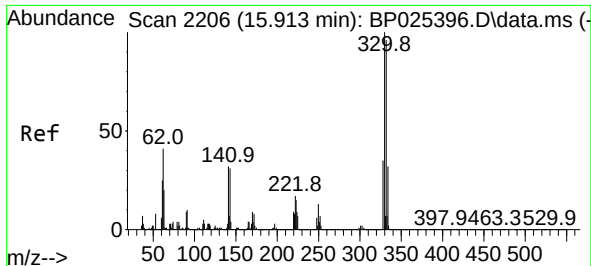
Tgt Ion: 77 Resp: 32547  
Ion Ratio Lower Upper  
77 100  
123 0.6 38.6 58.0#  
65 105.8 10.6 15.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.395 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

Tgt Ion: 164 Resp: 502369  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.0 121.6  
160 44.1 35.4 53.2

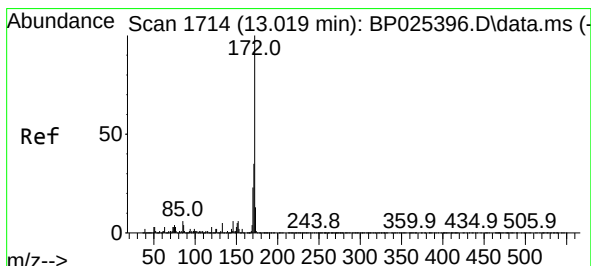
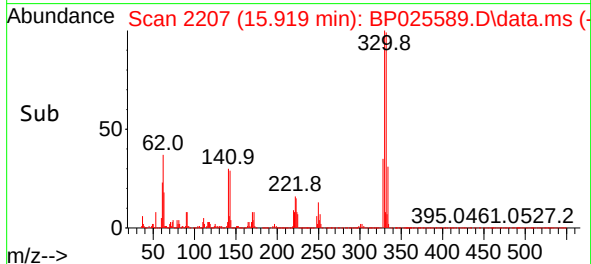
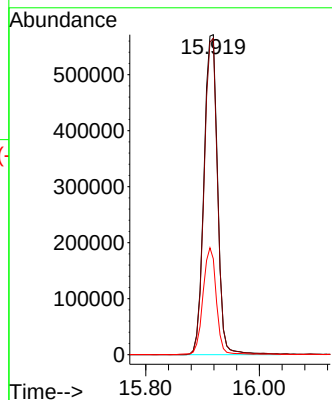
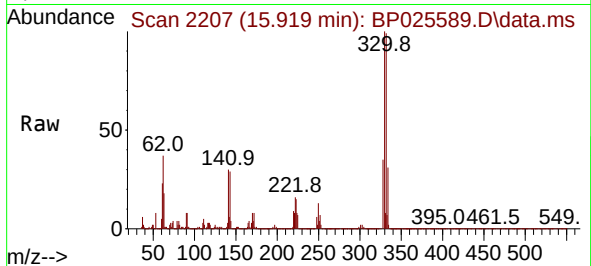




#42  
2,4,6-Tribromophenol  
Concen: 140.528 ng  
RT: 15.919 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

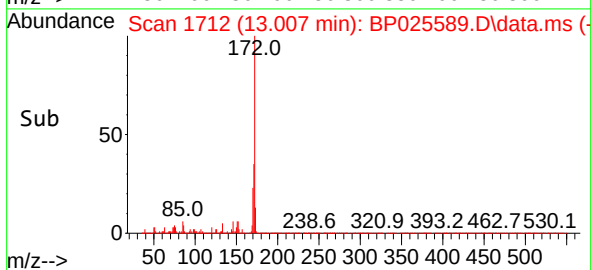
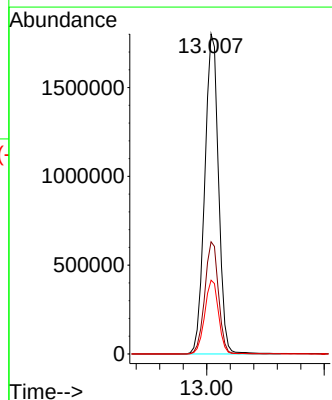
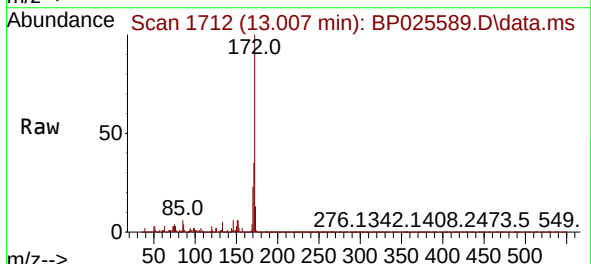
Instrument :  
BNA\_P  
ClientSampleId :  
MW-16C-082025

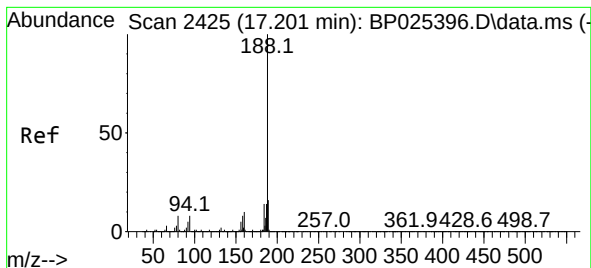
Tgt Ion:330 Resp: 950239  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.3 115.9  
141 32.7 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 79.687 ng  
RT: 13.007 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BP025589.D  
Acq: 26 Aug 2025 17:18

Tgt Ion:172 Resp: 2929155  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

Instrument :

BNA\_P

ClientSampleId :

MW-16C-082025

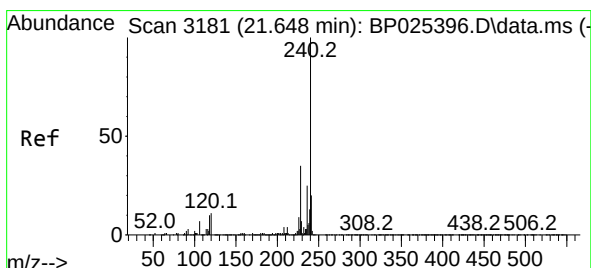
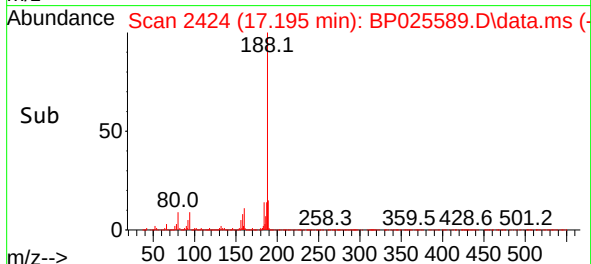
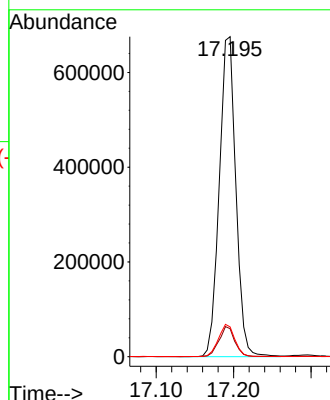
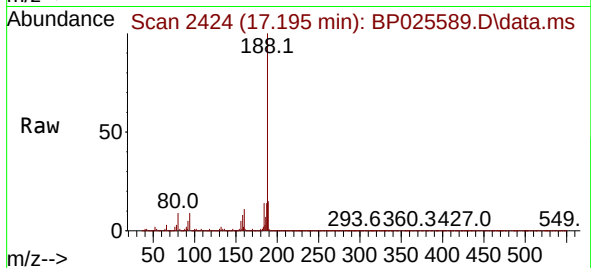
Tgt Ion:188 Resp: 1002259

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025589.D

Acq: 26 Aug 2025 17:18

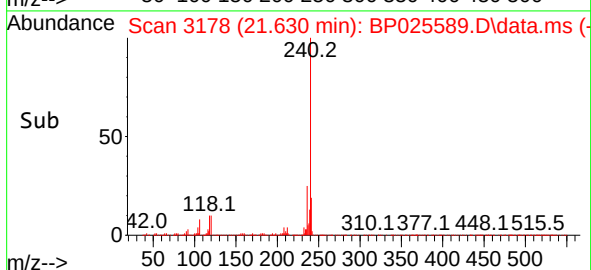
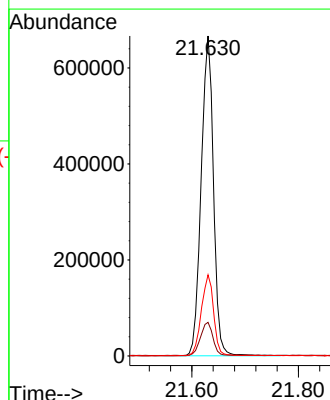
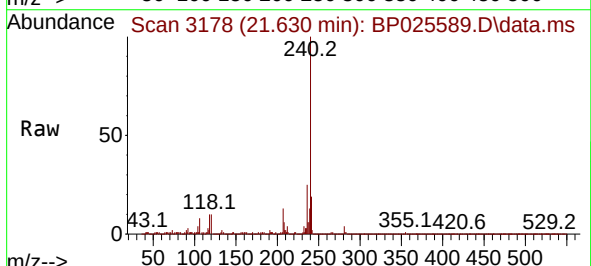
Tgt Ion:240 Resp: 1066647

Ion Ratio Lower Upper

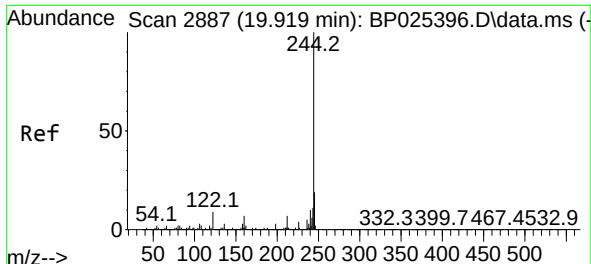
240 100

120 10.5 8.9 13.3

236 25.4 19.8 29.8



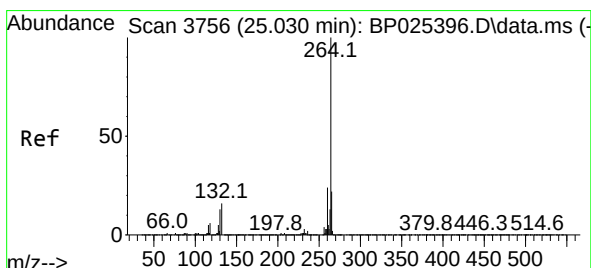
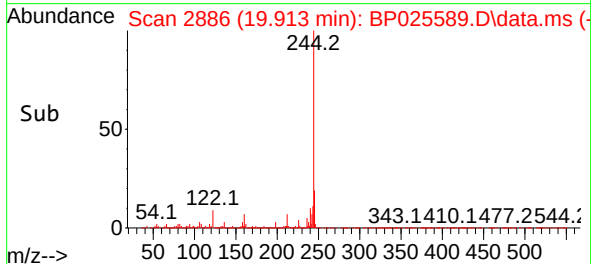
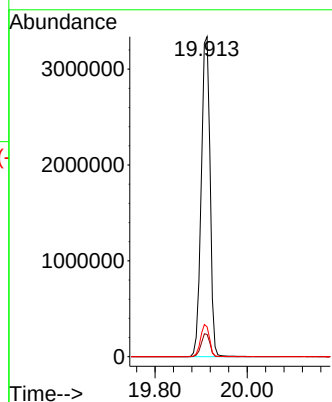
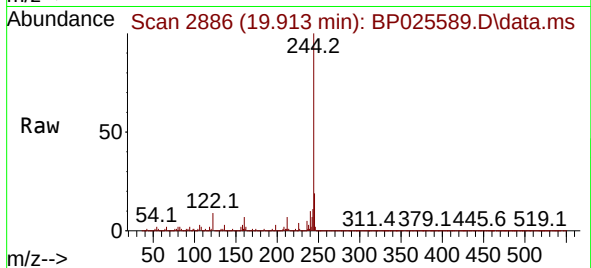




#79  
 Terphenyl-d14  
 Concen: 76.283 ng  
 RT: 19.913 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP025589.D  
 Acq: 26 Aug 2025 17:18

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-16C-082025

Tgt Ion:244 Resp: 4447310  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 9.4 7.4 11.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.007 min Scan# 3752  
 Delta R.T. -0.023 min  
 Lab File: BP025589.D  
 Acq: 26 Aug 2025 17:18

Tgt Ion:264 Resp: 1227492  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.3 28.9  
 265 22.0 17.4 26.0

