

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082225\  
 Data File : BP025550.D  
 Acq On : 22 Aug 2025 15:35  
 Operator : CG/JU  
 Sample : Q2916-01 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EO-03-08202025

Quant Time: Aug 22 15:54:14 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

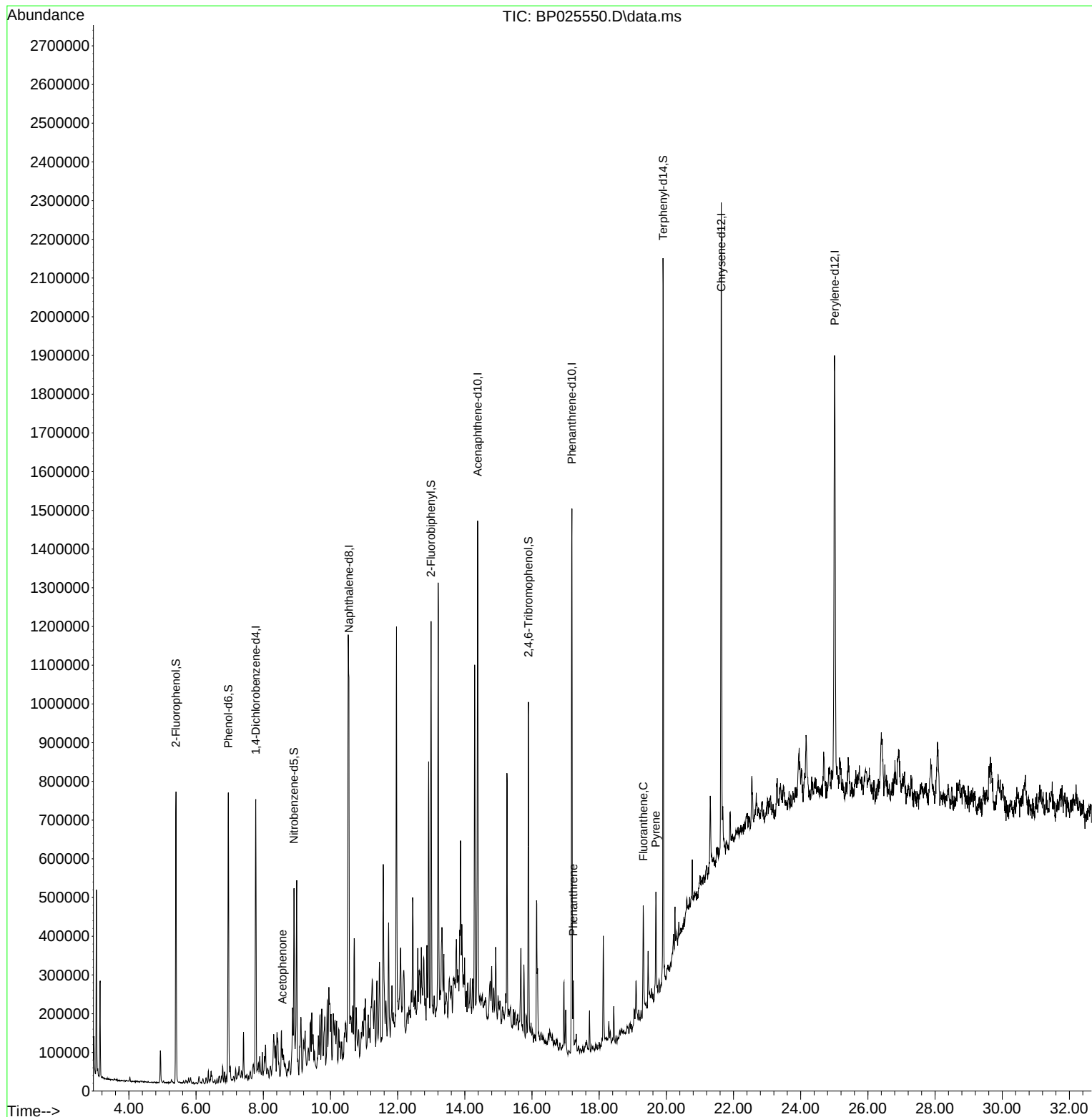
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.778  | 152  | 184972   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.548 | 136  | 702542   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.383 | 164  | 423182   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.189 | 188  | 842296   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.636 | 240  | 937680   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 25.012 | 264  | 1140089  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.401  | 112  | 331135   | 29.730 | ng    | 0.00     |
| 7) Phenol-d6                | 6.960  | 99   | 404878   | 28.353 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.913  | 82   | 257972   | 18.575 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.895 | 330  | 156109   | 27.406 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.995 | 172  | 572210   | 18.480 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.907 | 244  | 884822   | 17.264 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 22) Acetophenone            | 8.572  | 105  | 38551    | 2.188  | ng    | # 59     |
| 71) Phenanthrene            | 17.230 | 178  | 101390   | 2.191  | ng    | 99       |
| 75) Fluoranthene            | 19.313 | 202  | 161076   | 2.918  | ng    | 97       |
| 78) Pyrene                  | 19.689 | 202  | 151791   | 2.491  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082225\  
Data File : BP025550.D  
Acq On : 22 Aug 2025 15:35  
Operator : CG/JU  
Sample : Q2916-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

Quant Time: Aug 22 15:54:14 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

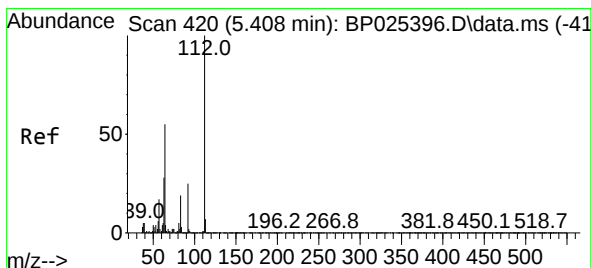
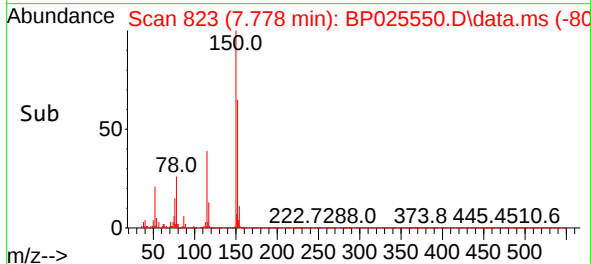
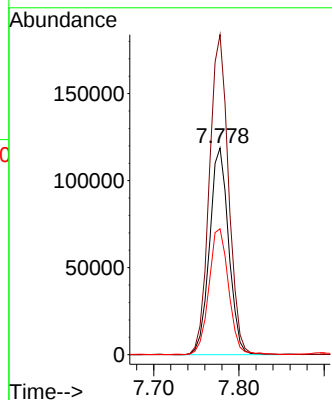
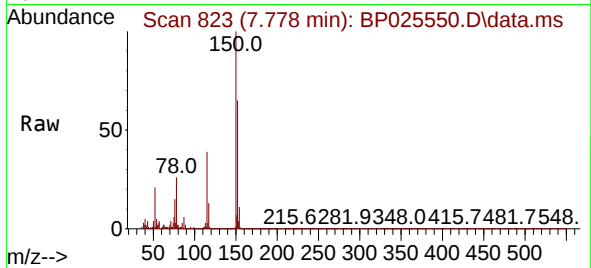




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.778 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

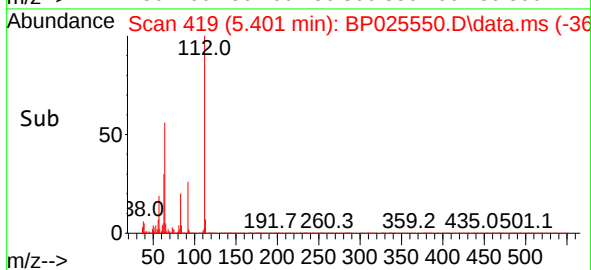
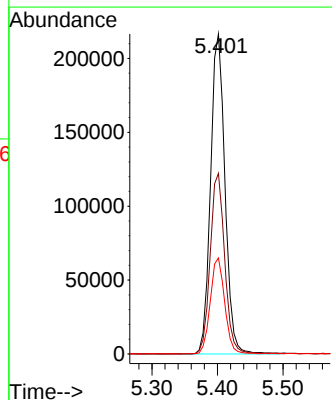
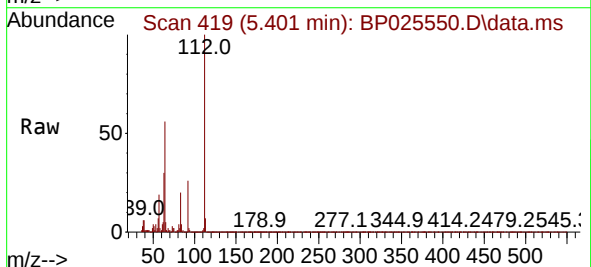
Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

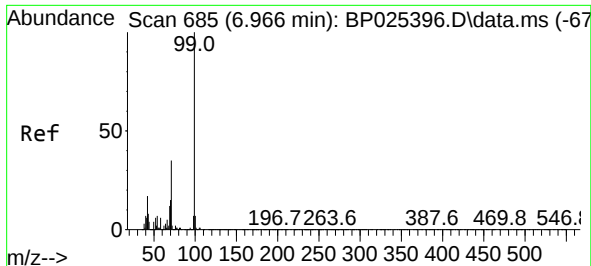
Tgt Ion:152 Resp: 184972  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.9 188.9  
115 60.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 29.730 ng  
RT: 5.401 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

Tgt Ion:112 Resp: 331135  
Ion Ratio Lower Upper  
112 100  
64 56.4 43.8 65.8  
63 30.0 22.7 34.1

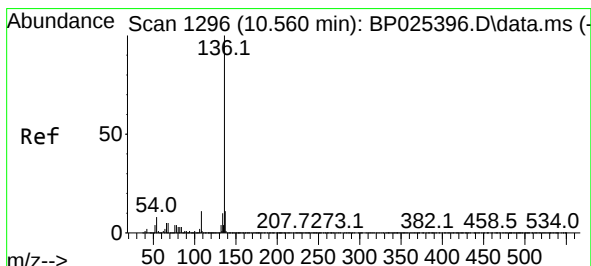
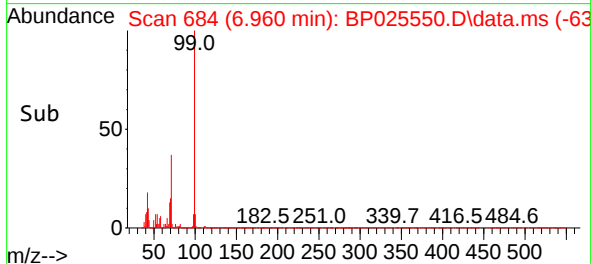
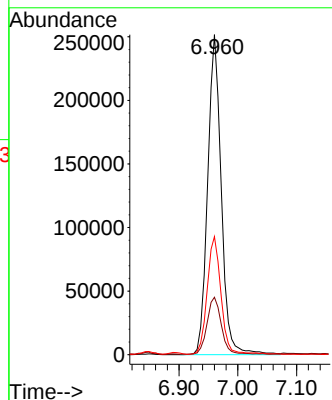
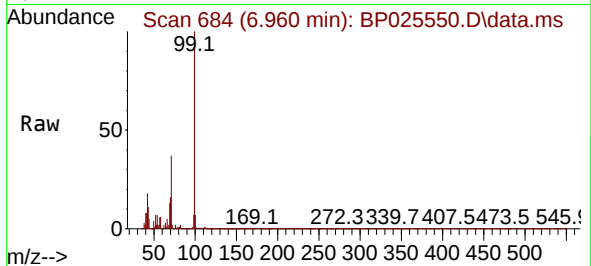




#7  
Phenol-d6  
Concen: 28.353 ng  
RT: 6.960 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

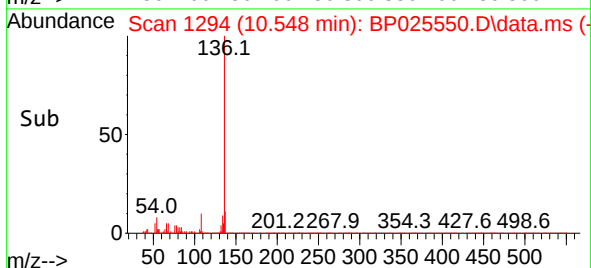
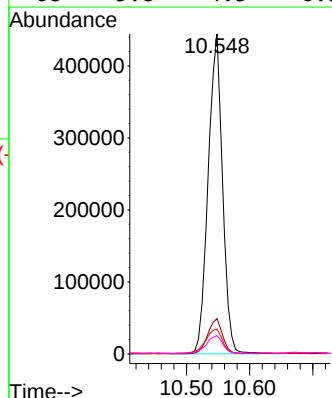
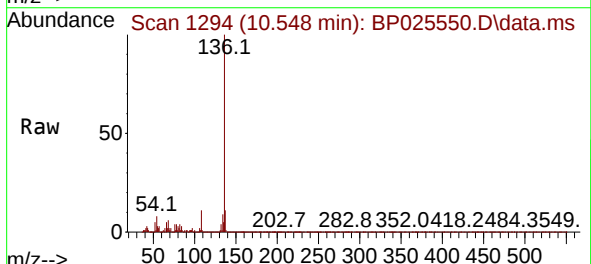
Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

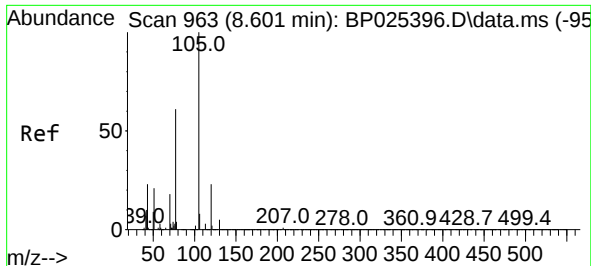
Tgt Ion: 99 Resp: 404878  
Ion Ratio Lower Upper  
99 100  
42 18.0 13.7 20.5  
71 36.9 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.548 min Scan# 1294  
Delta R.T. -0.012 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

Tgt Ion: 136 Resp: 702542  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 7.8 6.0 9.0  
68 5.8 4.3 6.5

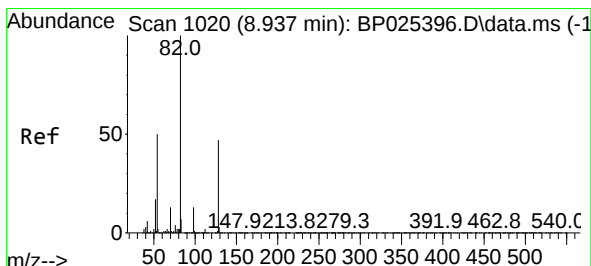
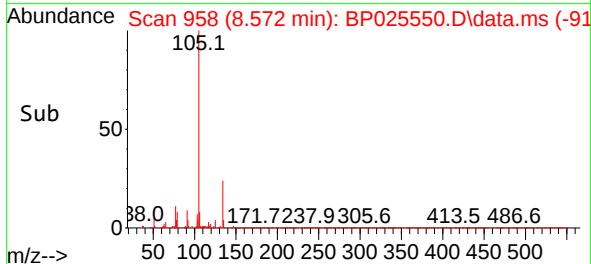
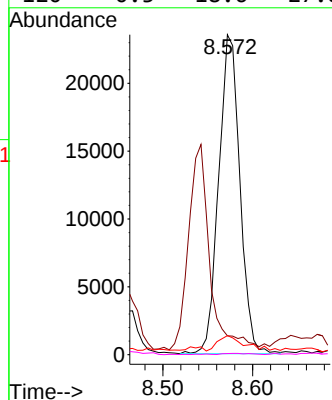
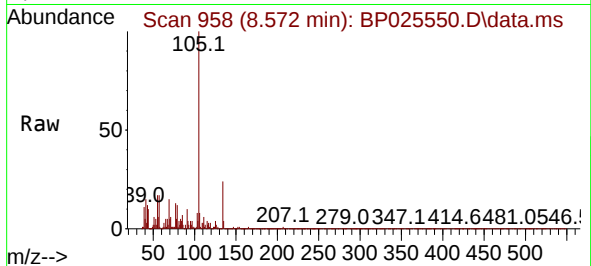




#22  
Acetophenone  
Concen: 2.188 ng  
RT: 8.572 min Scan# 91  
Delta R.T. -0.030 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

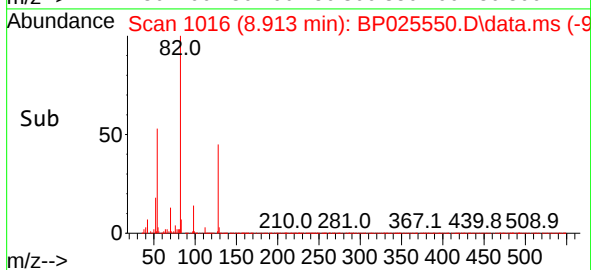
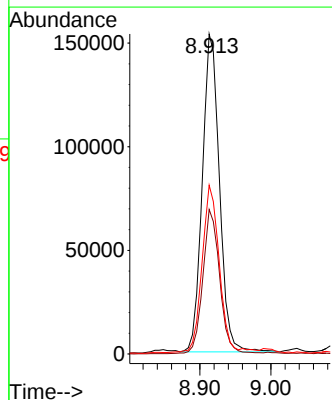
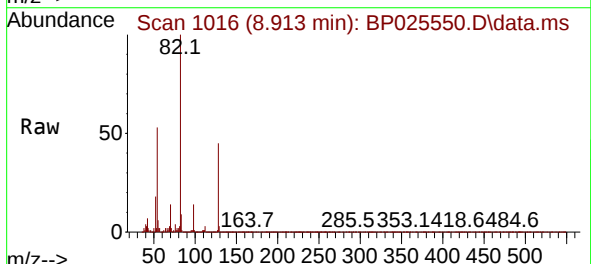
Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

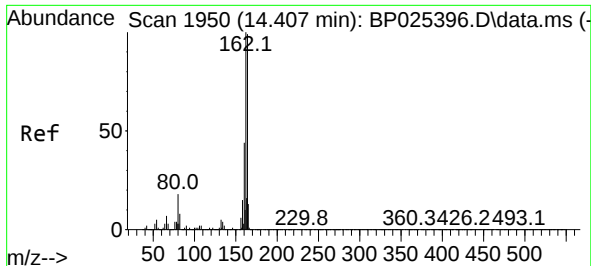
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 38551 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 5.9   | 2.6   | 4.0#  |
| 51        | 6.0   | 20.6  | 30.8# |
| 120       | 0.3   | 18.6  | 27.8# |



#23  
Nitrobenzene-d5  
Concen: 18.575 ng  
RT: 8.913 min Scan# 1016  
Delta R.T. -0.024 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 257972 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.1  | 37.7  | 56.5   |
| 54        | 52.8  | 39.8  | 59.6   |

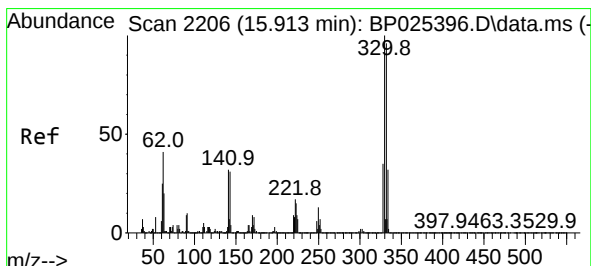
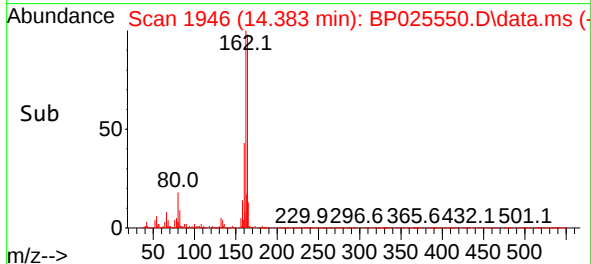
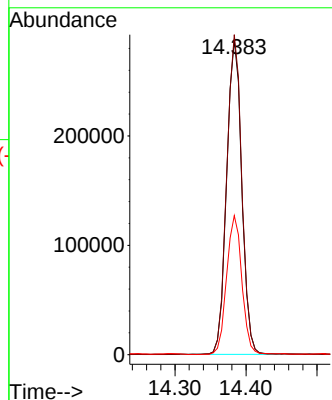
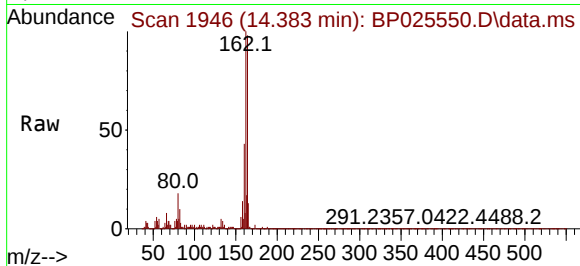




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.383 min Scan# 1946  
Delta R.T. -0.024 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

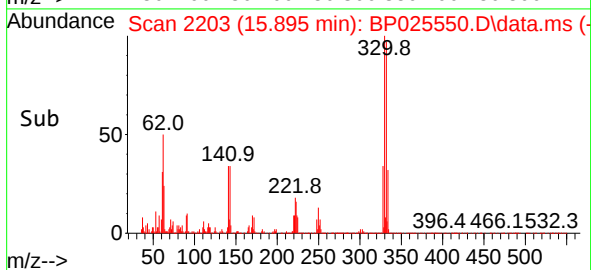
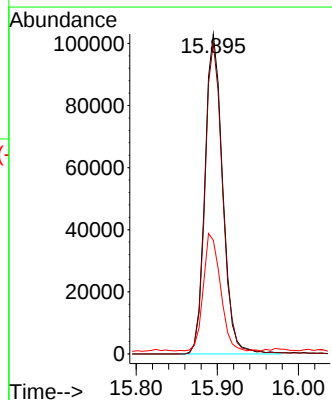
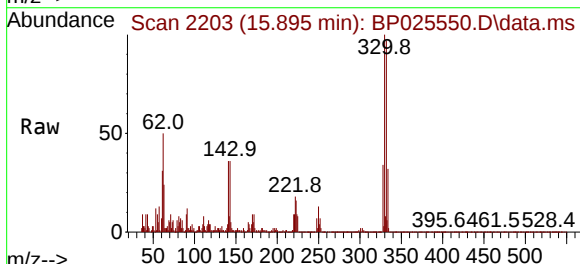
Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

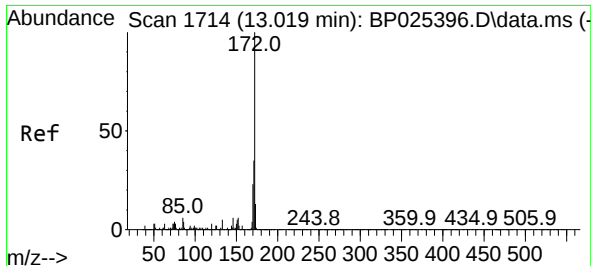
Tgt Ion:164 Resp: 423182  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.0 121.6  
160 44.2 35.4 53.2



#42  
2,4,6-Tribromophenol  
Concen: 27.406 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.018 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

Tgt Ion:330 Resp: 156109  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 35.3 26.6 39.8

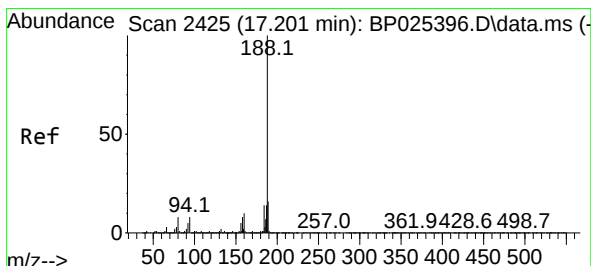
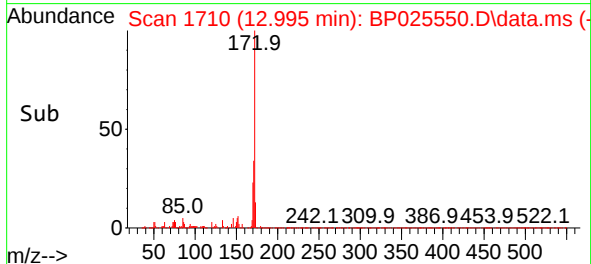
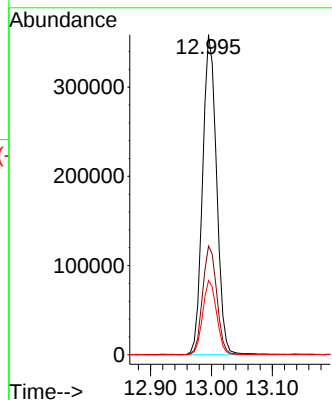
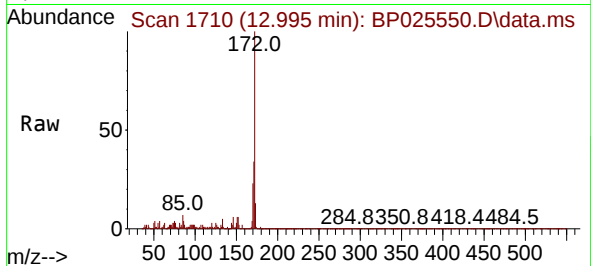




#45  
2-Fluorobiphenyl  
Concen: 18.480 ng  
RT: 12.995 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

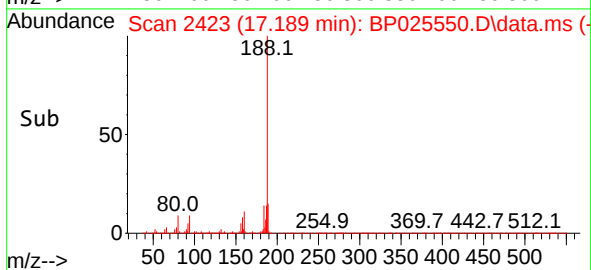
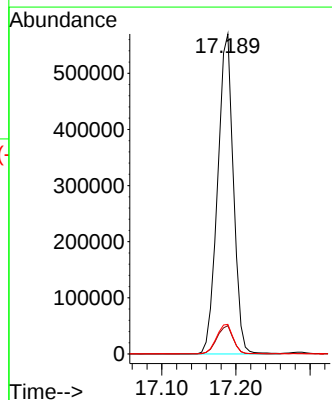
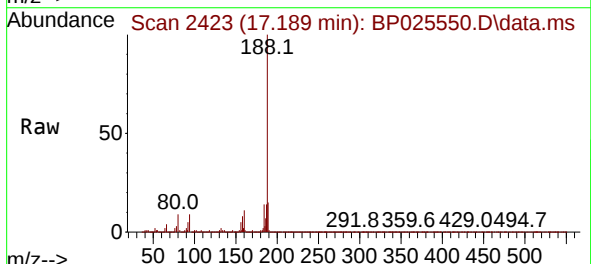
Instrument :  
BNA\_P  
ClientSampleId :  
EO-03-08202025

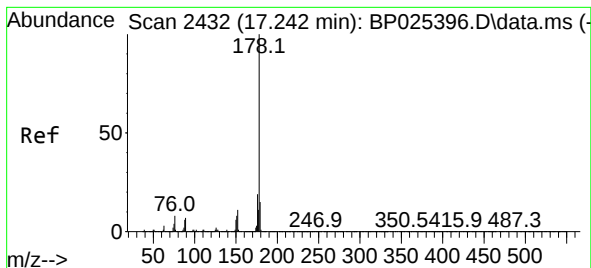
Tgt Ion:172 Resp: 572210  
Ion Ratio Lower Upper  
172 100  
171 33.9 28.1 42.1  
170 23.1 18.6 28.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2423  
Delta R.T. -0.012 min  
Lab File: BP025550.D  
Acq: 22 Aug 2025 15:35

Tgt Ion:188 Resp: 842296  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.6 10.0  
80 9.3 6.7 10.1





#71

Phenanthrene

Concen: 2.191 ng

RT: 17.230 min Scan# 2432

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

Instrument :

BNA\_P

ClientSampleId :

EO-03-08202025

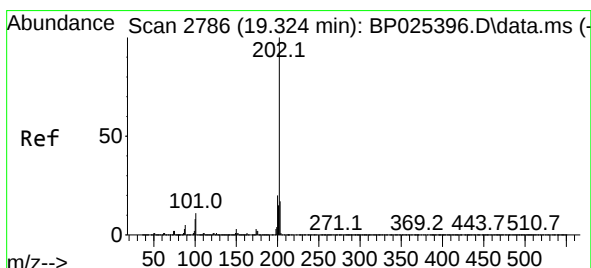
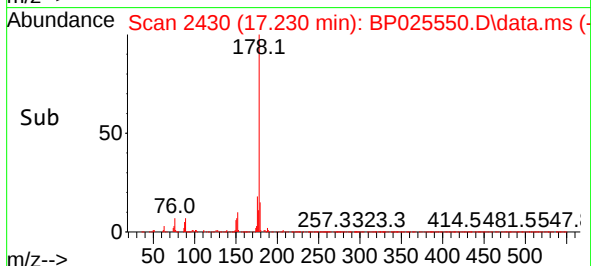
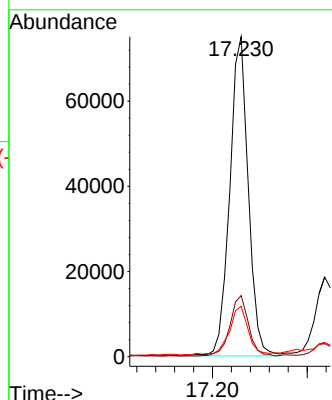
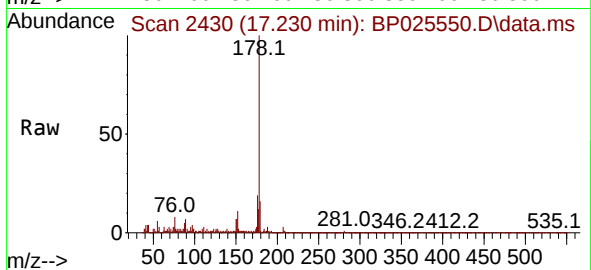
Tgt Ion:178 Resp: 101390

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.7 12.2 18.4



#75

Fluoranthene

Concen: 2.918 ng

RT: 19.313 min Scan# 2784

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

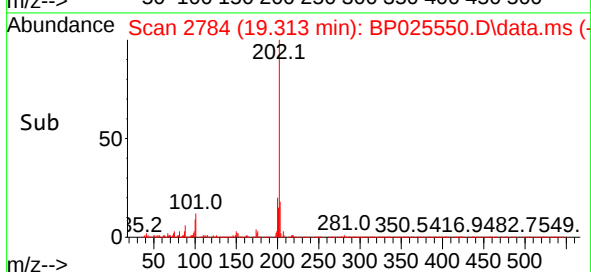
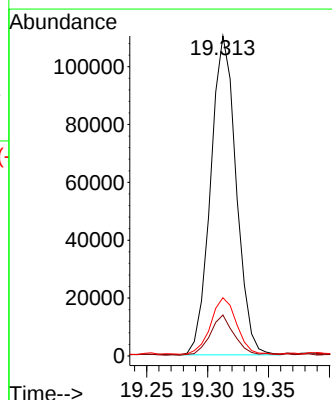
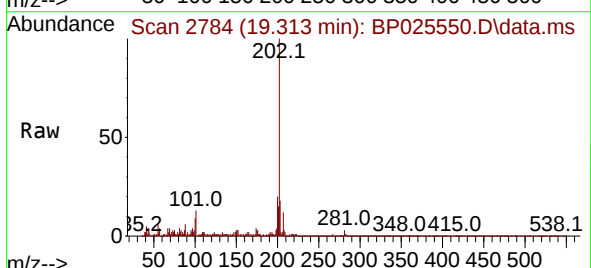
Tgt Ion:202 Resp: 161076

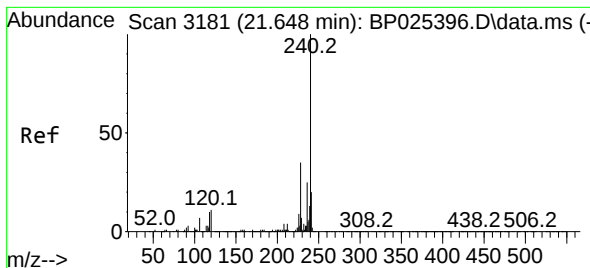
Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.1

203 18.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

Instrument :

BNA\_P

ClientSampleId :

EO-03-08202025

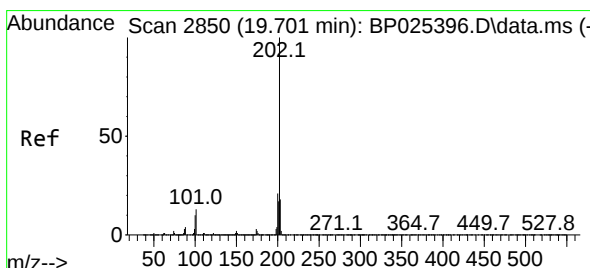
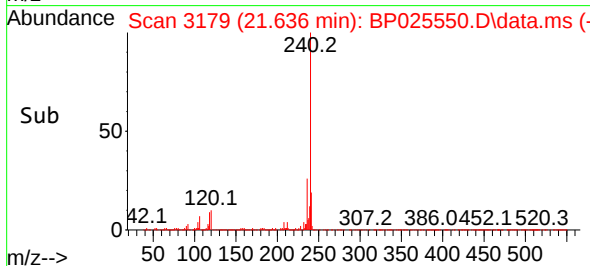
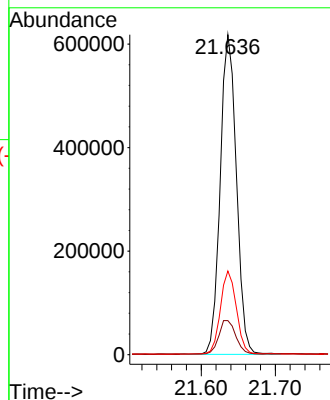
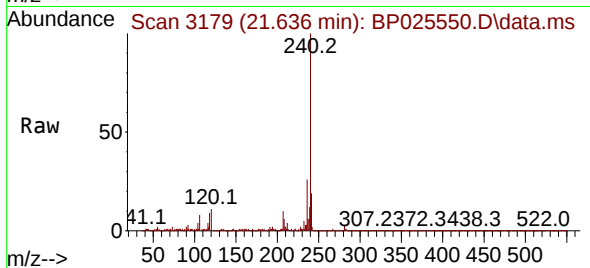
Tgt Ion:240 Resp: 937680

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 26.2 19.8 29.8



#78

Pyrene

Concen: 2.491 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.012 min

Lab File: BP025550.D

Acq: 22 Aug 2025 15:35

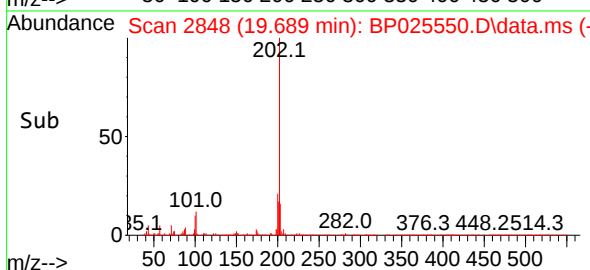
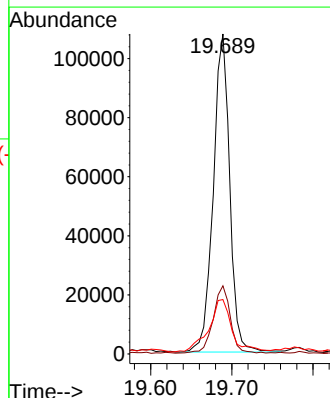
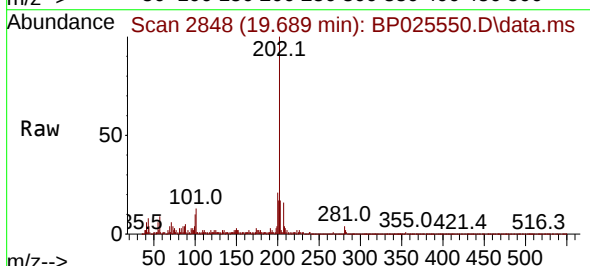
Tgt Ion:202 Resp: 151791

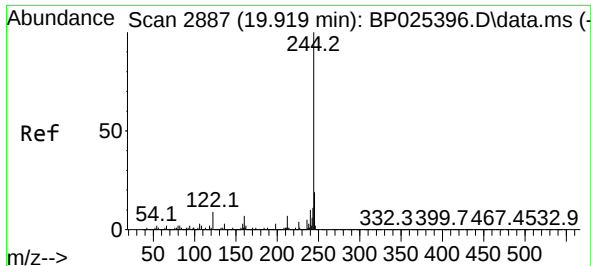
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.0 14.2 21.2

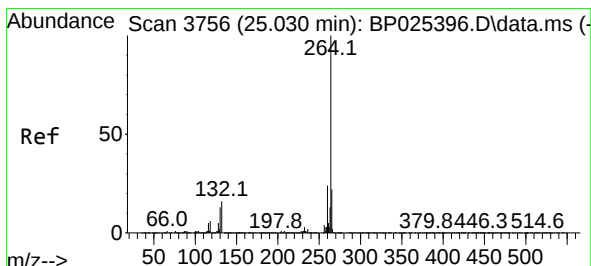
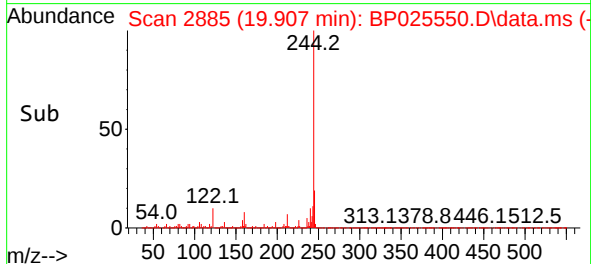
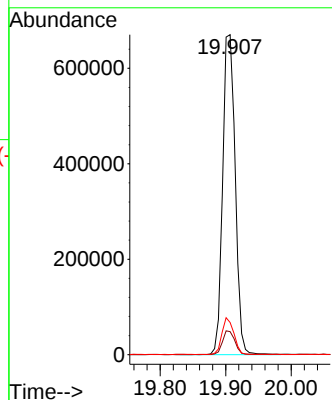
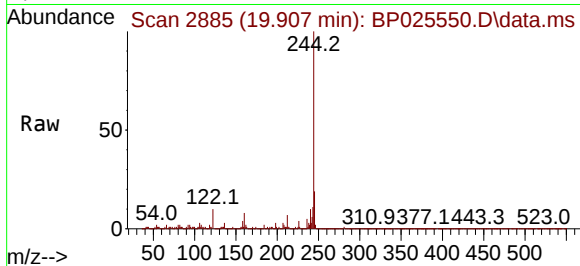




#79  
 Terphenyl-d14  
 Concen: 17.264 ng  
 RT: 19.907 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP025550.D  
 Acq: 22 Aug 2025 15:35

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EO-03-08202025

Tgt Ion:244 Resp: 884822  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 10.0 7.4 11.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.012 min Scan# 3753  
 Delta R.T. -0.018 min  
 Lab File: BP025550.D  
 Acq: 22 Aug 2025 15:35

Tgt Ion:264 Resp: 1140089  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.3 28.9  
 265 22.2 17.4 26.0

