

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120325\  
 Data File : BP026230.D  
 Acq On : 03 Dec 2025 16:59  
 Operator : RC/JU  
 Sample : PB170785TB  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170785TB

Quant Time: Dec 03 17:18:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 19 01:25:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.661  | 152  | 268142   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.419 | 136  | 1020732  | 20.000  | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.278 | 164  | 635774   | 20.000  | ng    | -0.05    |
| 64) Phenanthrene-d10        | 17.089 | 188  | 1107907  | 20.000  | ng    | -0.04    |
| 76) Chrysene-d12            | 21.536 | 240  | 1004382  | 20.000  | ng    | -0.04    |
| 86) Perylene-d12            | 24.818 | 264  | 1202331  | 20.000  | ng    | -0.09    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.290  | 112  | 2096836  | 125.516 | ng    | 0.00     |
| 7) Phenol-d6                | 6.843  | 99   | 2521246  | 118.548 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.796  | 82   | 1479987  | 82.359  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.807 | 330  | 995638   | 120.719 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 12.896 | 172  | 3809905  | 87.826  | ng    | -0.04    |
| 79) Terphenyl-d14           | 19.825 | 244  | 4524121  | 91.847  | ng    | -0.05    |

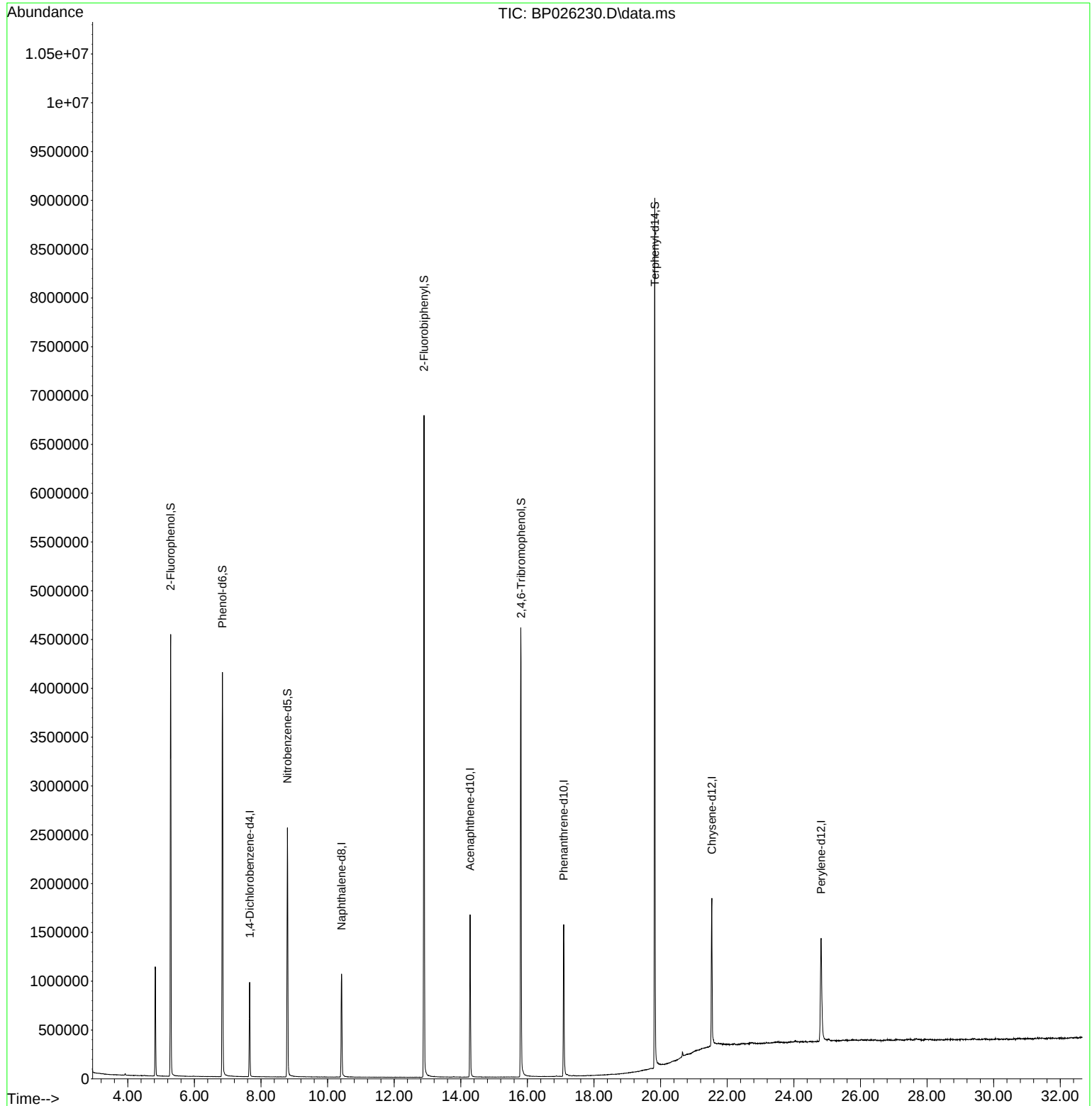
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

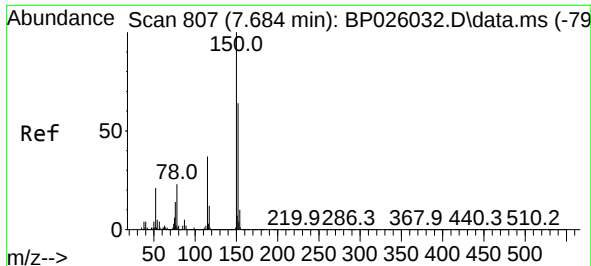
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120325\  
Data File : BP026230.D  
Acq On : 03 Dec 2025 16:59  
Operator : RC/JU  
Sample : PB170785TB  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
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PB170785TB

Quant Time: Dec 03 17:18:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 19 01:25:31 2025  
Response via : Initial Calibration

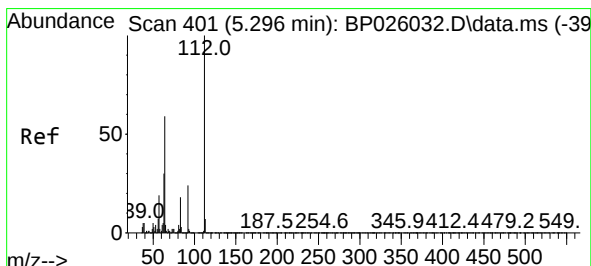
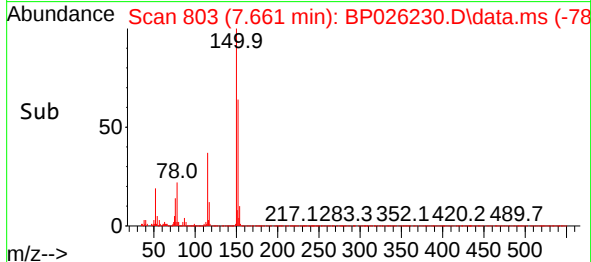
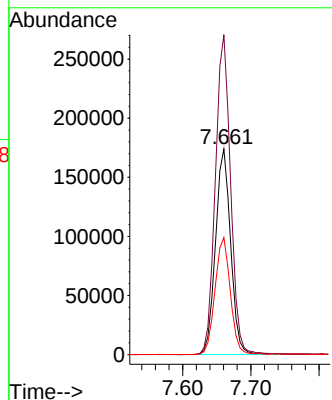
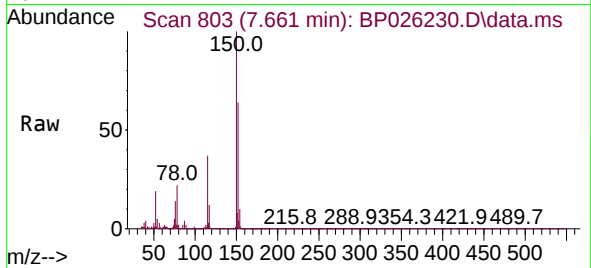




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.661 min Scan# 80  
Delta R.T. -0.011 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

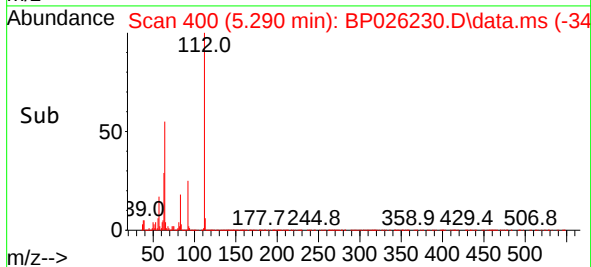
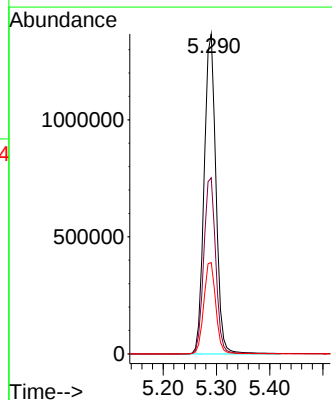
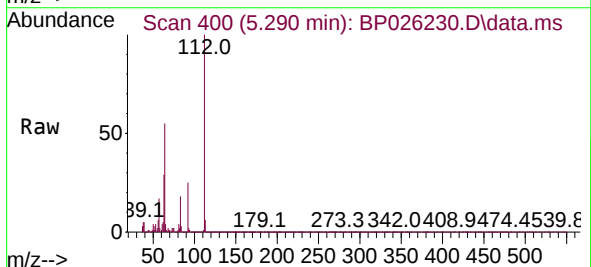
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BNA\_P  
ClientSampleId :  
PB170785TB

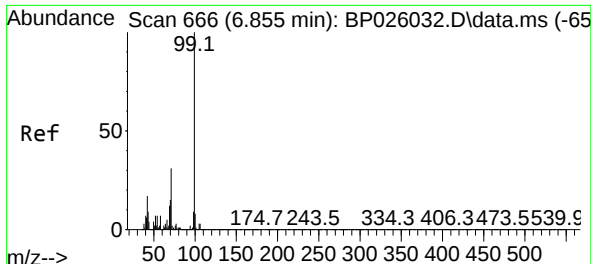
Tgt Ion:152 Resp: 268142  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.0 184.6  
115 57.0 46.3 69.5



#5  
2-Fluorophenol  
Concen: 125.516 ng  
RT: 5.290 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

Tgt Ion:112 Resp: 2096836  
Ion Ratio Lower Upper  
112 100  
64 55.0 45.8 68.6  
63 28.5 23.5 35.3

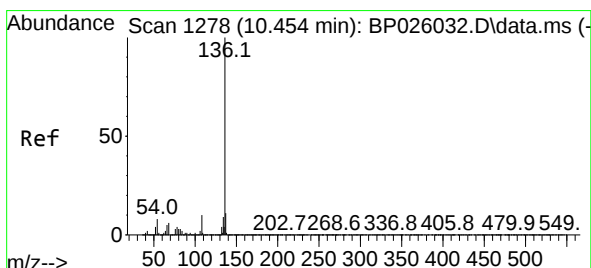
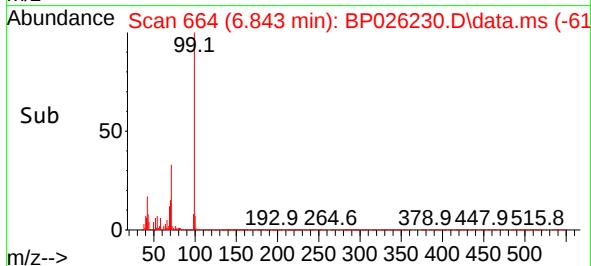
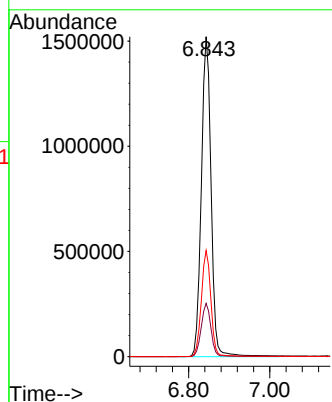
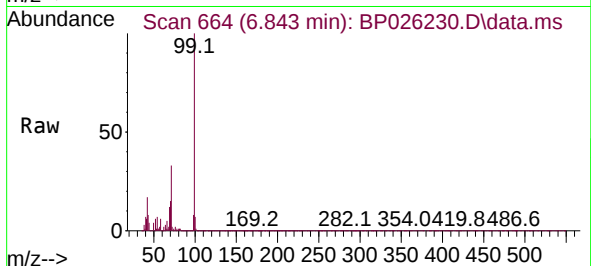




#7  
Phenol-d6  
Concen: 118.548 ng  
RT: 6.843 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

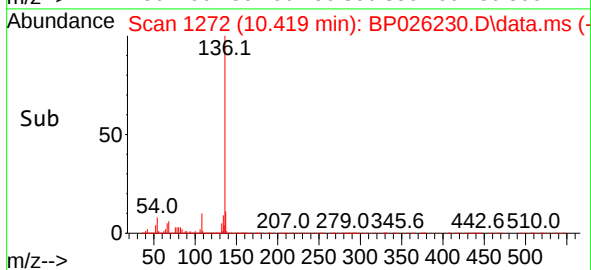
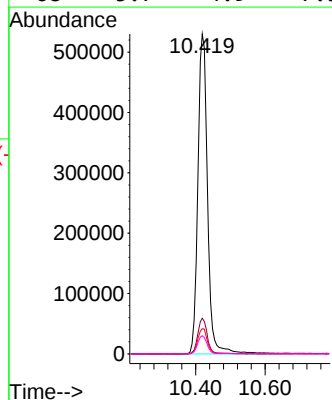
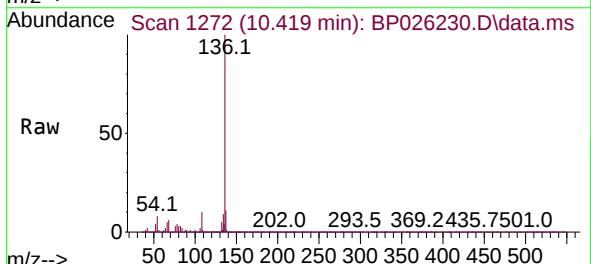
Instrument :  
BNA\_P  
ClientSampleId :  
PB170785TB

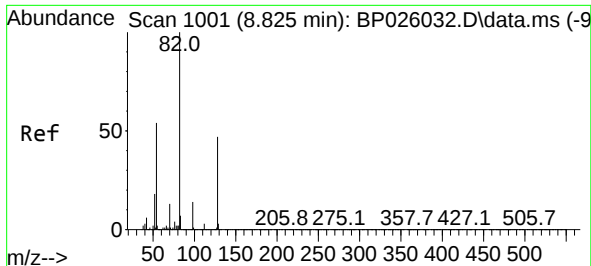
Tgt Ion: 99 Resp: 2521246  
Ion Ratio Lower Upper  
99 100  
42 16.7 12.9 19.3  
71 33.1 24.8 37.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.419 min Scan# 1272  
Delta R.T. -0.029 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

Tgt Ion: 136 Resp: 1020732  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.7 13.1  
54 7.9 6.4 9.6  
68 5.7 4.9 7.3



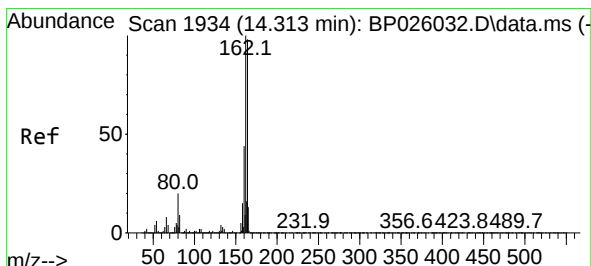
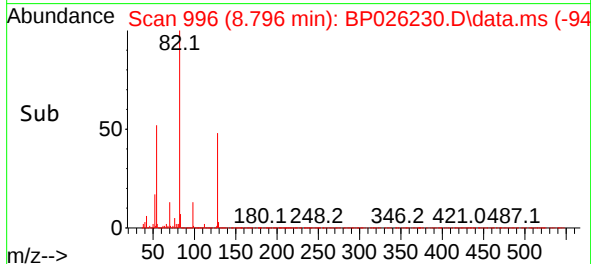
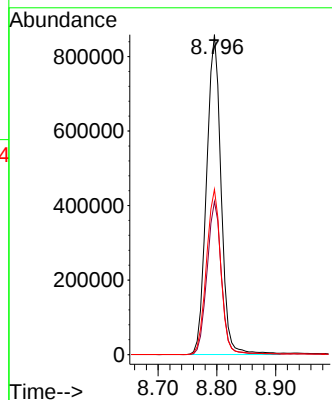
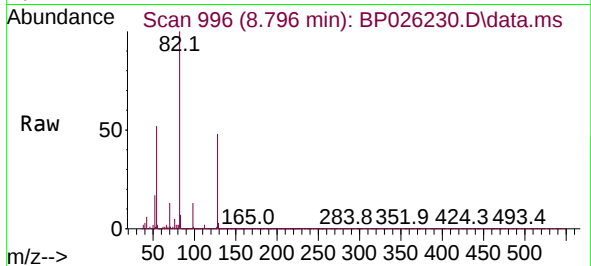


#23  
Nitrobenzene-d5  
Concen: 82.359 ng  
RT: 8.796 min Scan# 996  
Delta R.T. -0.017 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

Instrument :  
BNA\_P  
ClientSampleId :  
PB170785TB

Tgt Ion: 82 Resp: 1479987

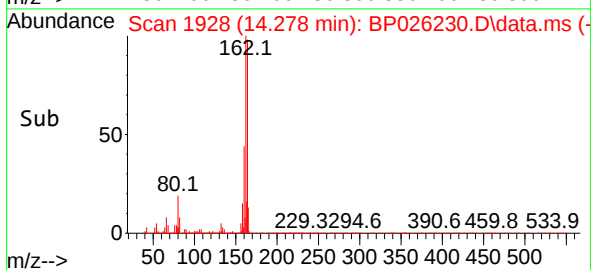
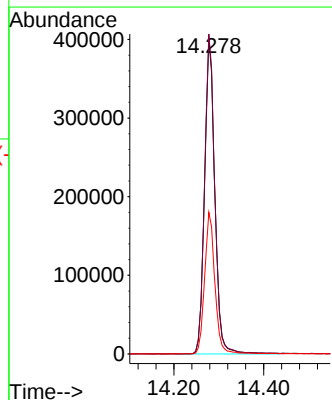
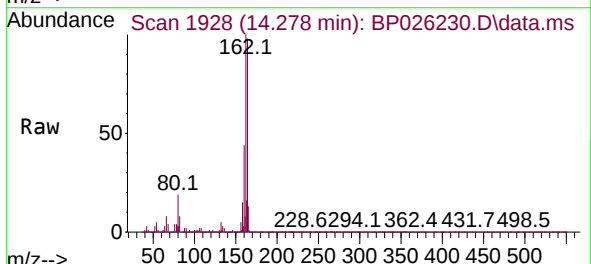
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.8  | 37.4  | 56.0  |
| 54  | 51.6  | 41.6  | 62.4  |

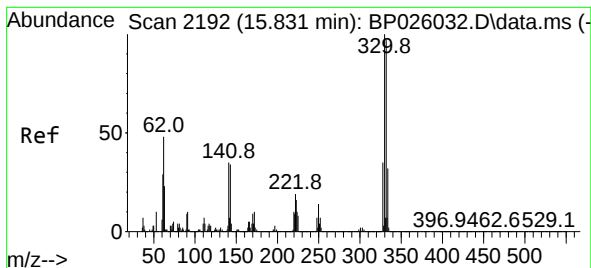


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.278 min Scan# 1928  
Delta R.T. -0.047 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

Tgt Ion: 164 Resp: 635774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.5 | 80.3  | 120.5 |
| 160 | 44.9  | 35.2  | 52.8  |

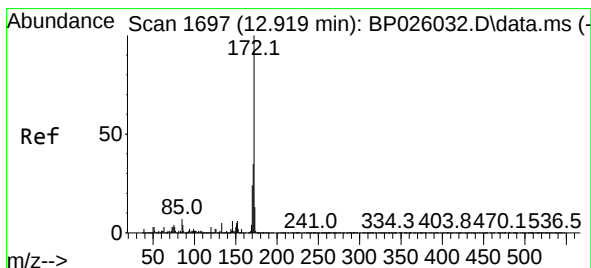
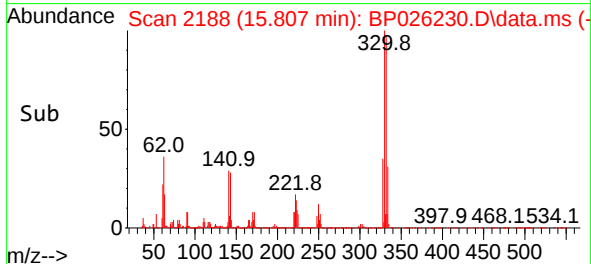
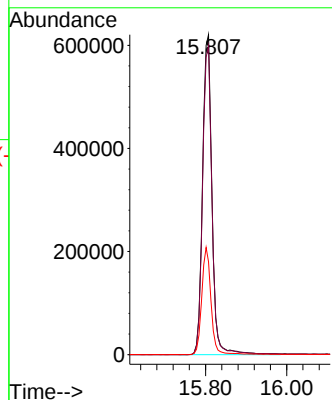
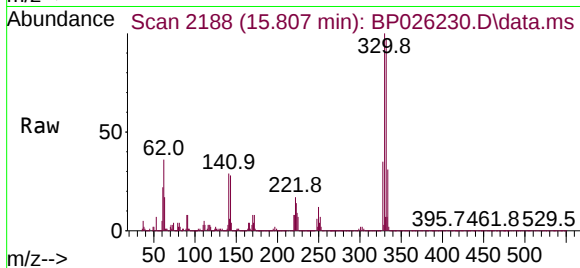




#42  
2,4,6-Tribromophenol  
Concen: 120.719 ng  
RT: 15.807 min Scan# 2192  
Delta R.T. -0.029 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

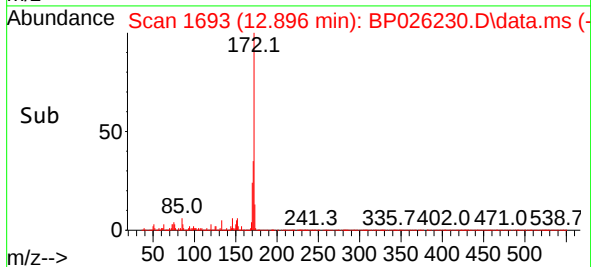
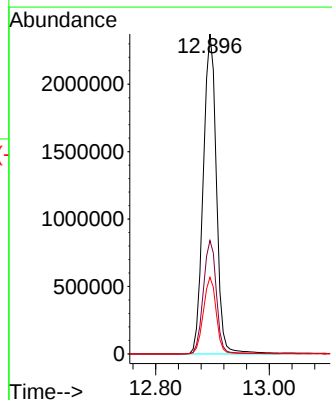
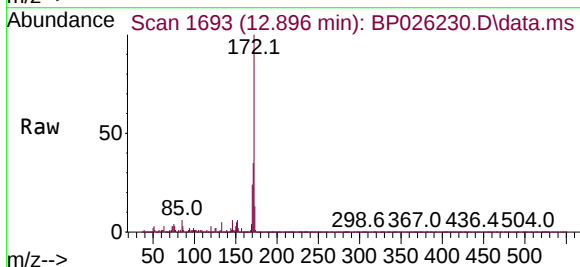
Instrument :  
BNA\_P  
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PB170785TB

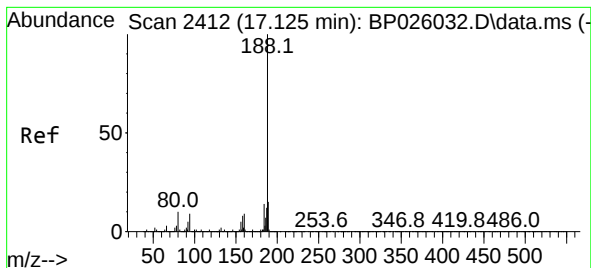
Tgt Ion:330 Resp: 995638  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.0 117.0  
141 32.9 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 87.826 ng  
RT: 12.896 min Scan# 1693  
Delta R.T. -0.035 min  
Lab File: BP026230.D  
Acq: 03 Dec 2025 16:59

Tgt Ion:172 Resp: 3809905  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.4  
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.089 min Scan# 2412

Delta R.T. -0.041 min

Lab File: BP026230.D

Acq: 03 Dec 2025 16:59

Instrument :

BNA\_P

ClientSampleId :

PB170785TB

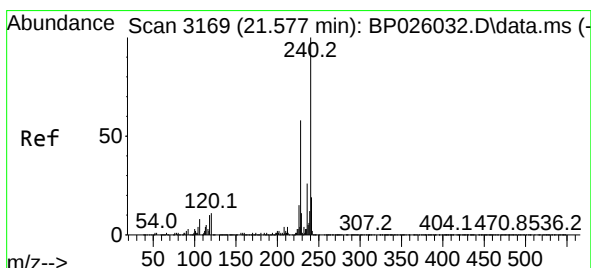
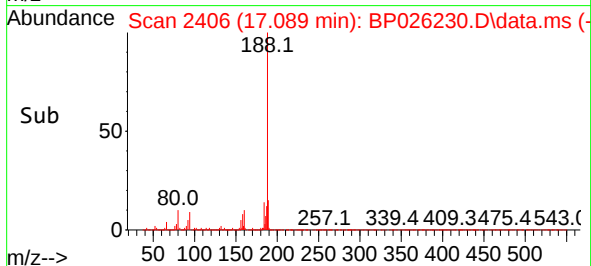
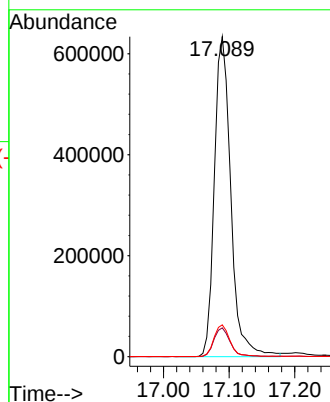
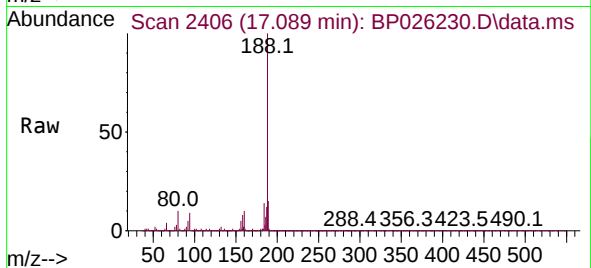
Tgt Ion:188 Resp: 1107907

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.035 min

Lab File: BP026230.D

Acq: 03 Dec 2025 16:59

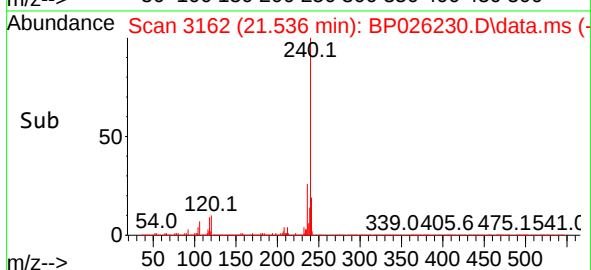
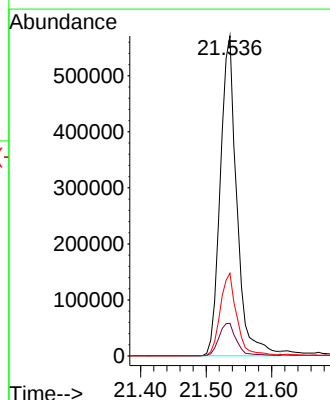
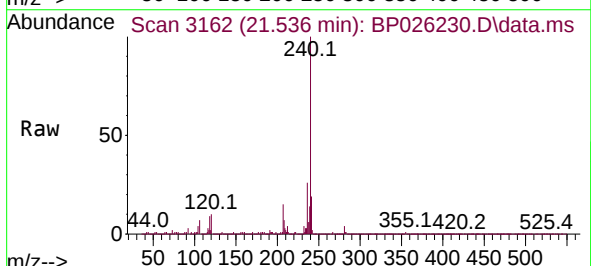
Tgt Ion:240 Resp: 1004382

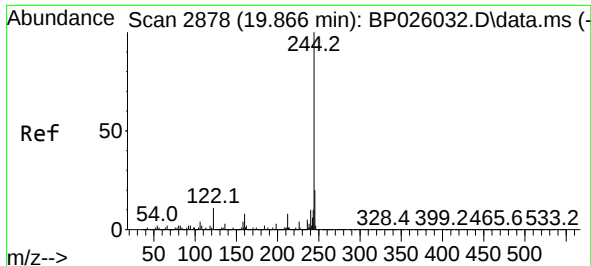
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.8 20.4 30.6

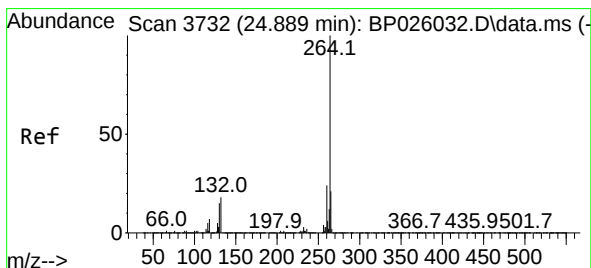
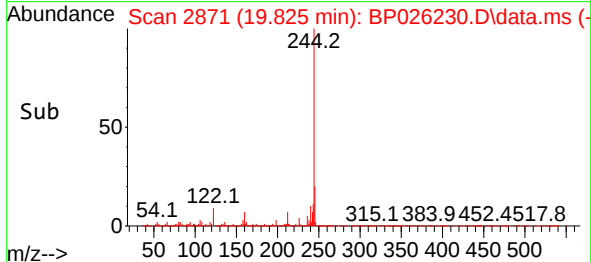
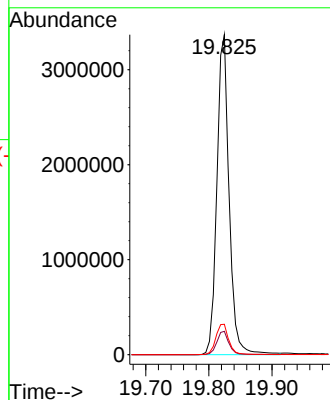
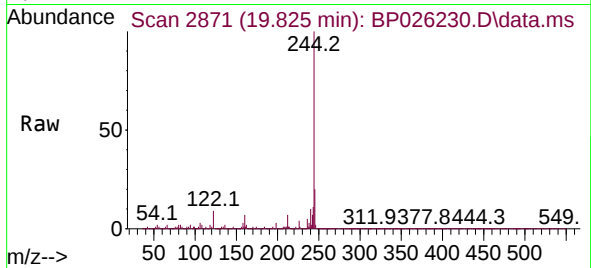




#79  
 Terphenyl-d14  
 Concen: 91.847 ng  
 RT: 19.825 min Scan# 2878  
 Delta R.T. -0.047 min  
 Lab File: BP026230.D  
 Acq: 03 Dec 2025 16:59

Instrument :  
 BNA\_P  
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 PB170785TB

Tgt Ion:244 Resp: 4524121  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 9.5 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.818 min Scan# 3720  
 Delta R.T. -0.088 min  
 Lab File: BP026230.D  
 Acq: 03 Dec 2025 16:59

Tgt Ion:264 Resp: 1202331  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.7 28.1  
 265 21.9 17.5 26.3

