

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025834.D  
 Acq On : 23 Sep 2025 18:00  
 Operator : CG/JU  
 Sample : Q3153-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40

Quant Time: Sep 23 18:27:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

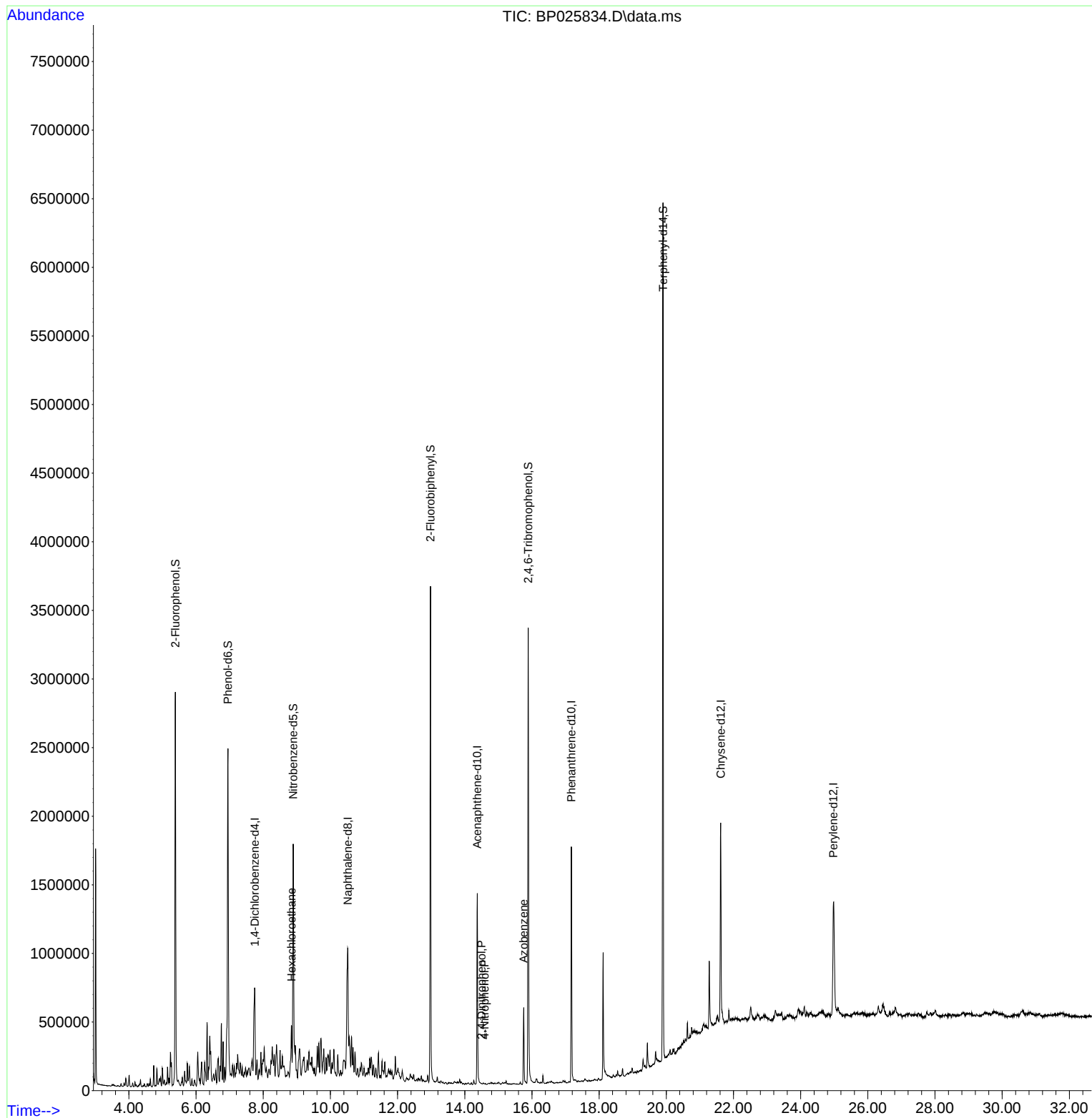
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.749  | 152  | 173758   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.519 | 136  | 714707   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.372 | 164  | 497710   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.172 | 188  | 1015126  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.619 | 240  | 922633   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.977 | 264  | 1007393  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.384  | 112  | 1245681  | 115.676 | ng    | 0.00     |
| 7) Phenol-d6                | 6.949  | 99   | 1603585  | 112.033 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.890  | 82   | 1004946  | 62.024  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.890 | 330  | 699751   | 112.719 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.978 | 172  | 1975329  | 52.845  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.901 | 244  | 3175265  | 61.913  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
| 18) Hexachloroethane        | 8.843  | 117  | 19104    | 3.652   | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.501 | 184  | 20       | 4.828   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.590 | 139  | 347      | 4.527   | ng    | # 44     |
| 63) Azobenzene              | 15.754 | 77   | 176896   | 4.746   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

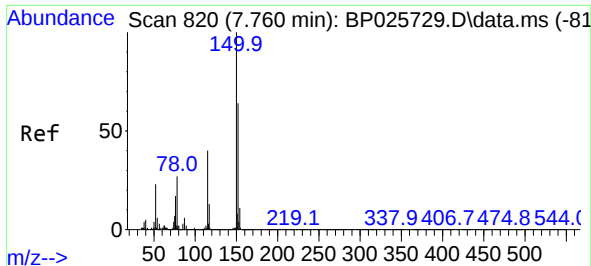
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025834.D  
Acq On : 23 Sep 2025 18:00  
Operator : CG/JU  
Sample : Q3153-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

Quant Time: Sep 23 18:27:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

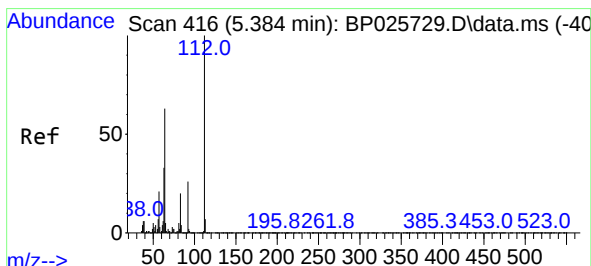
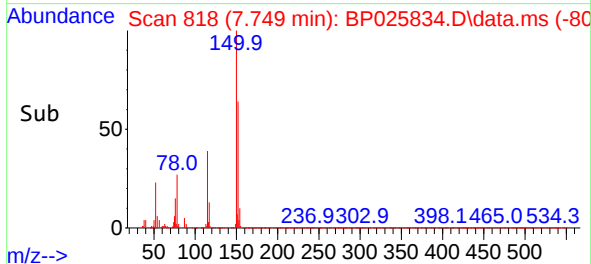
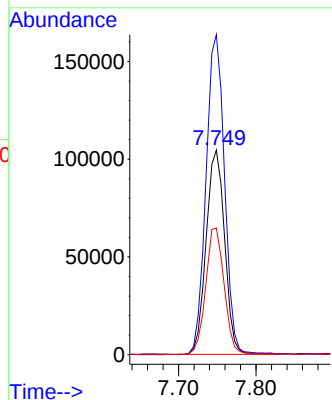
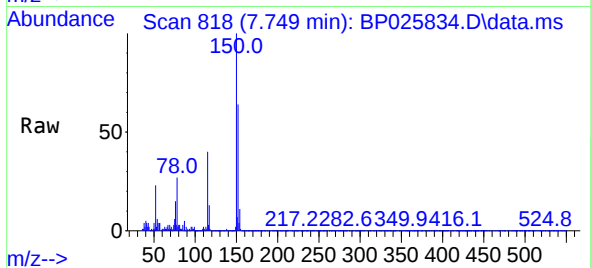




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

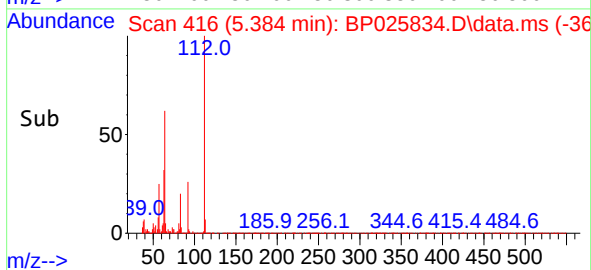
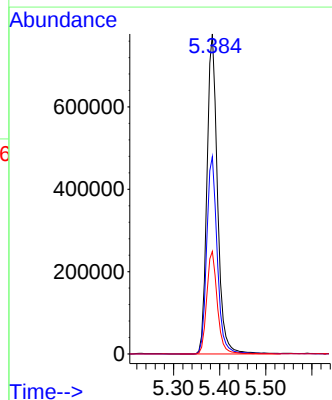
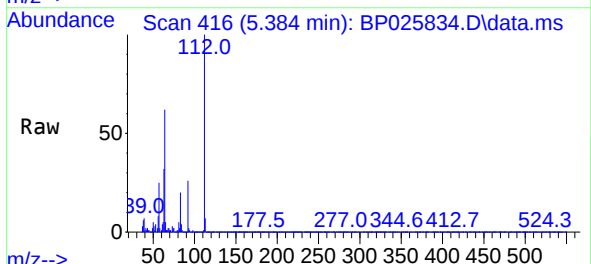
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

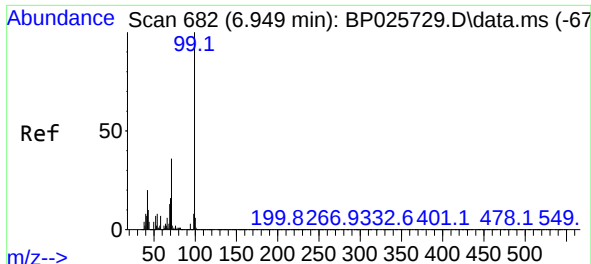
Tgt Ion:152 Resp: 173758  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.3 186.5  
115 61.9 50.3 75.5



#5  
2-Fluorophenol  
Concen: 115.676 ng  
RT: 5.384 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion:112 Resp: 1245681  
Ion Ratio Lower Upper  
112 100  
64 61.7 50.2 75.4  
63 32.1 26.7 40.1

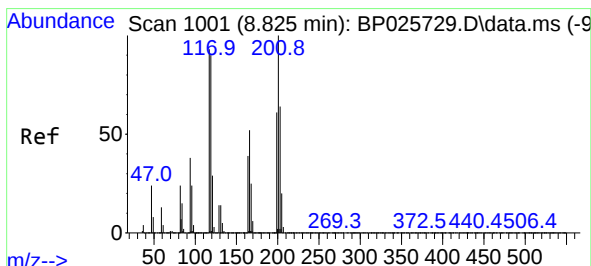
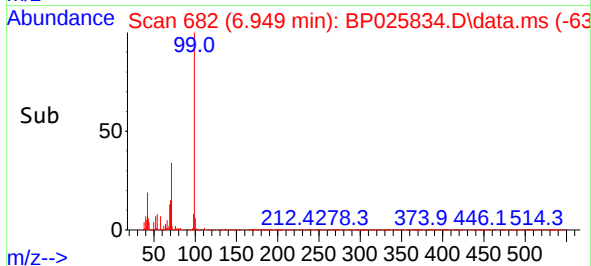
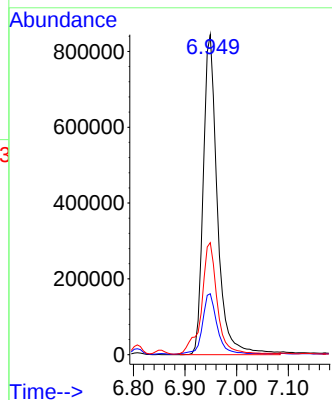
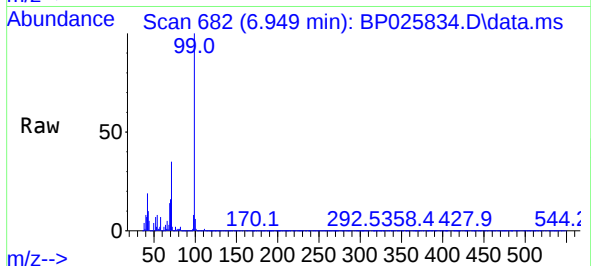




#7  
Phenol-d6  
Concen: 112.033 ng  
RT: 6.949 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

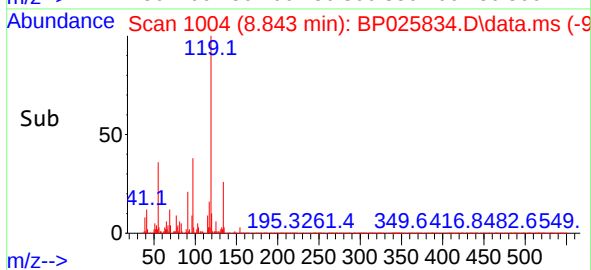
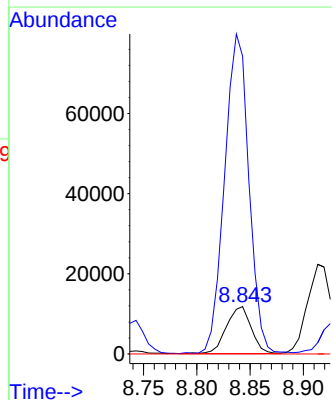
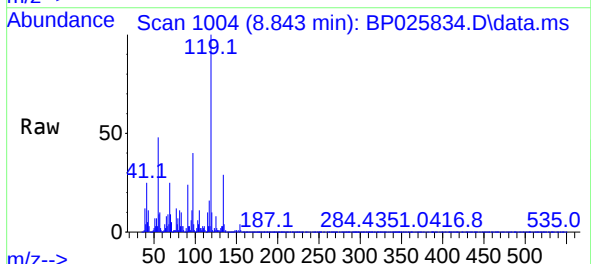
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

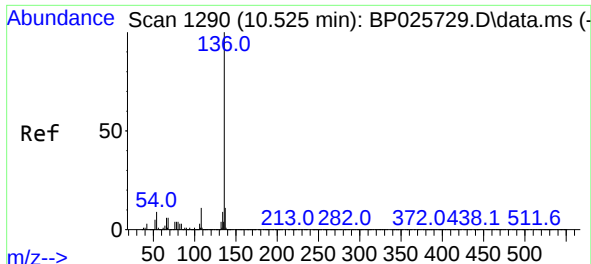
Tgt Ion: 99 Resp: 1603585  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.6 23.4  
71 35.0 28.6 43.0



#18  
Hexachloroethane  
Concen: 3.652 ng  
RT: 8.843 min Scan# 1004  
Delta R.T. 0.018 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion: 117 Resp: 19104  
Ion Ratio Lower Upper  
117 100  
119 628.4 77.1 115.7#  
201 0.0 85.6 128.4#



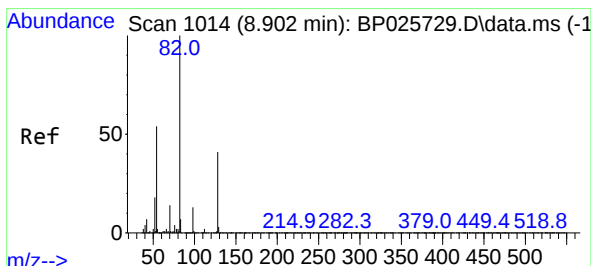
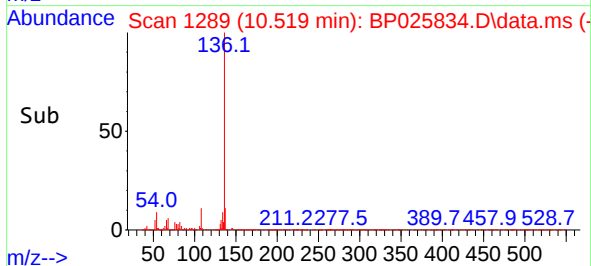
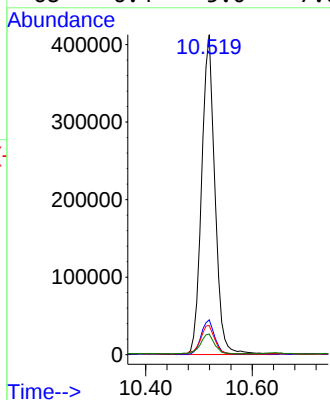
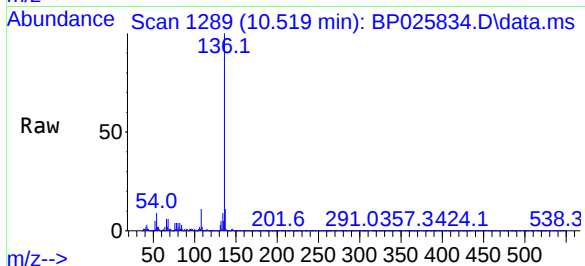


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

Tgt Ion: 136 Resp: 714707

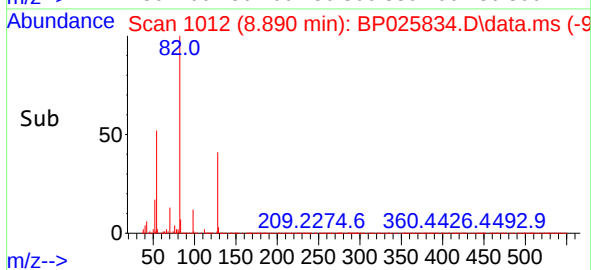
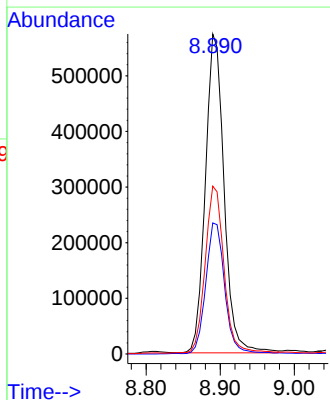
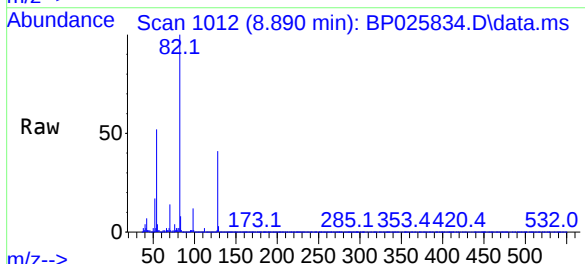
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 9.1   | 7.5   | 11.3  |
| 68  | 6.4   | 5.0   | 7.6   |

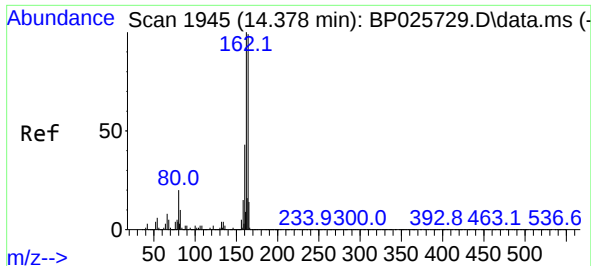


#23  
Nitrobenzene-d5  
Concen: 62.024 ng  
RT: 8.890 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion: 82 Resp: 1004946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.0  | 32.9  | 49.3  |
| 54  | 52.5  | 43.4  | 65.2  |

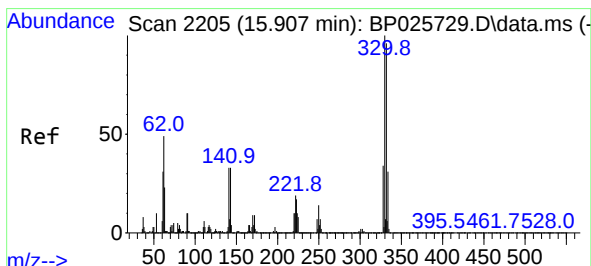
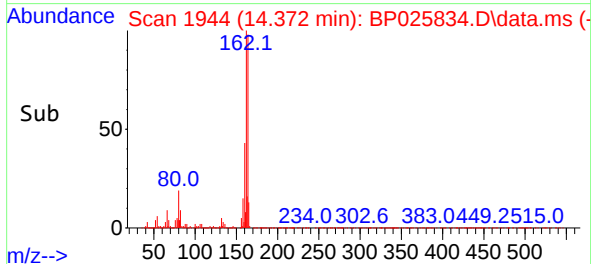
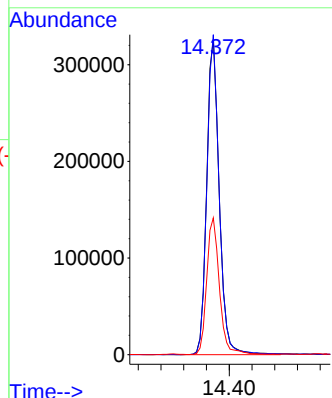
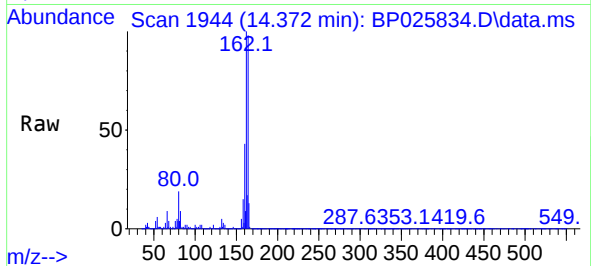




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.372 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

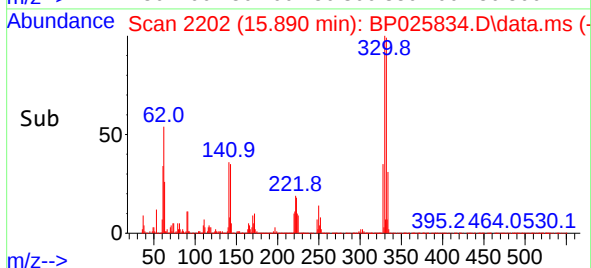
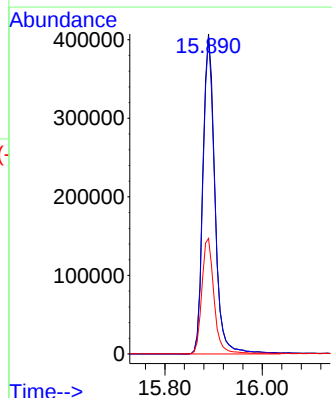
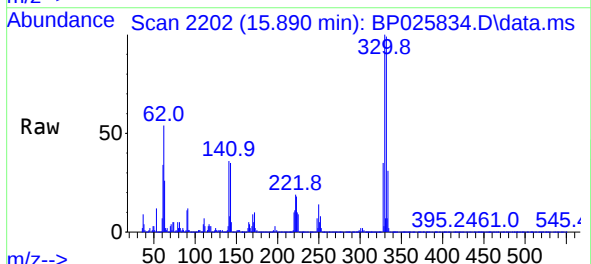
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

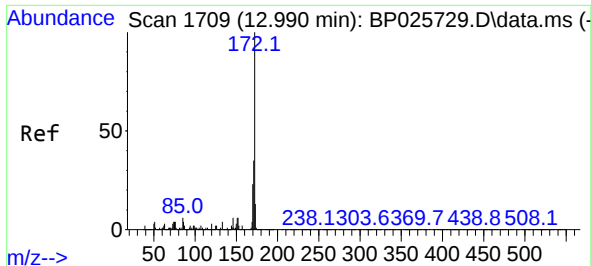
Tgt Ion:164 Resp: 497710  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.6 120.8  
160 43.4 35.0 52.6



#42  
2,4,6-Tribromophenol  
Concen: 112.719 ng  
RT: 15.890 min Scan# 2202  
Delta R.T. -0.018 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion:330 Resp: 699751  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.9 115.3  
141 36.6 31.0 46.4

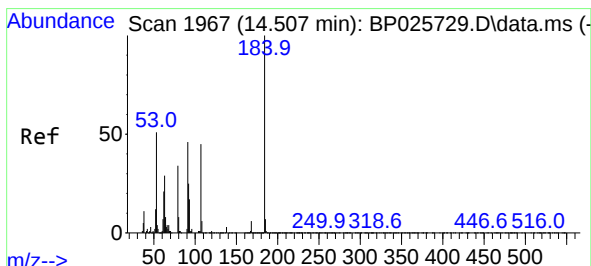
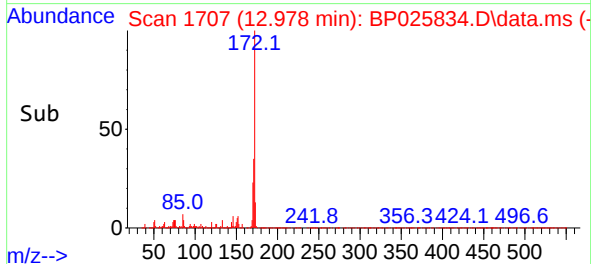
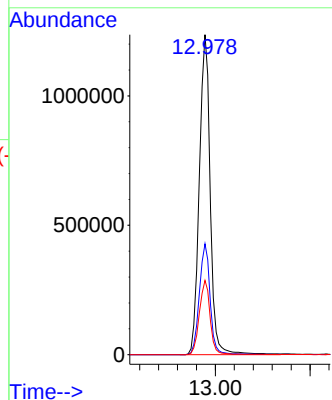
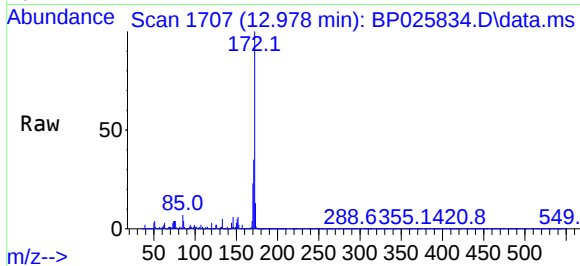




#45  
2-Fluorobiphenyl  
Concen: 52.845 ng  
RT: 12.978 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

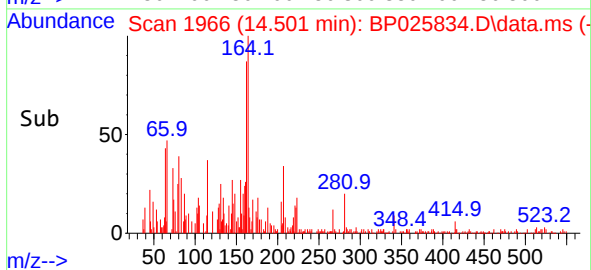
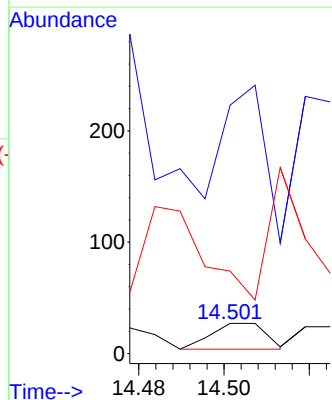
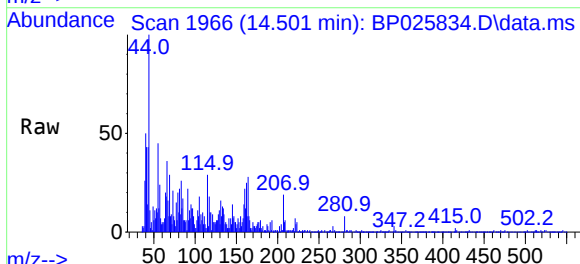
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

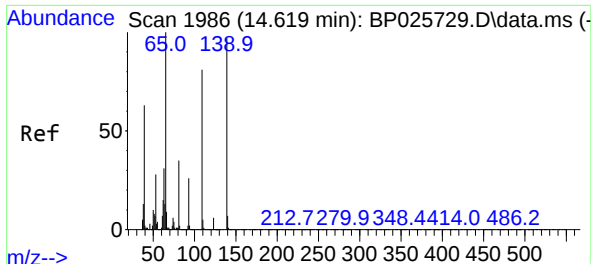
Tgt Ion:172 Resp: 1975329  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.6  
170 23.2 18.6 27.8



#54  
2,4-Dinitrophenol  
Concen: 4.828 ng  
RT: 14.501 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion:184 Resp: 20  
Ion Ratio Lower Upper  
184 100  
63 557.5 52.5 78.7#  
154 185.0 51.5 77.3#

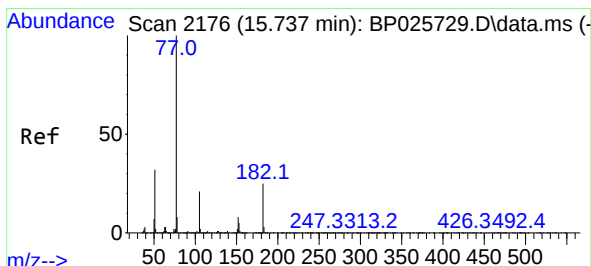
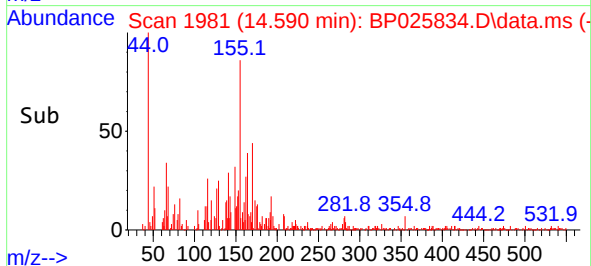
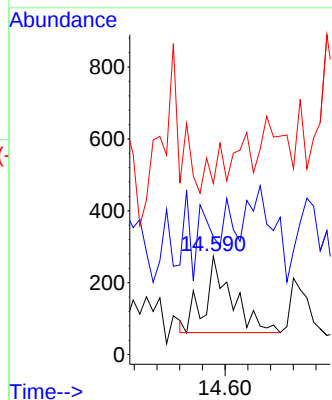
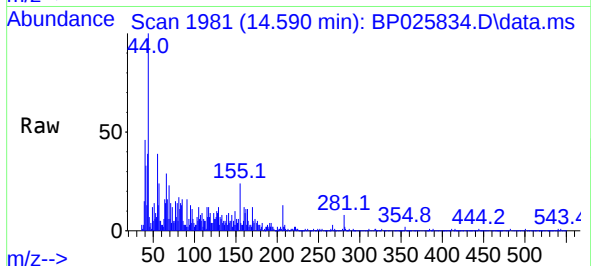




#56  
4-Nitrophenol  
Concen: 4.527 ng  
RT: 14.590 min Scan# 1986  
Delta R.T. -0.029 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

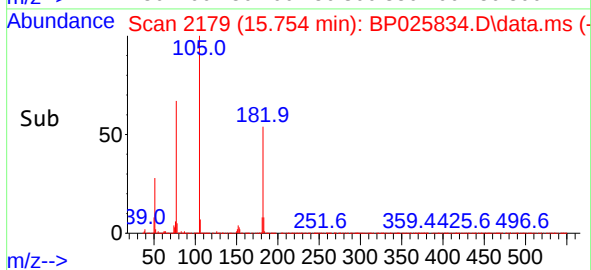
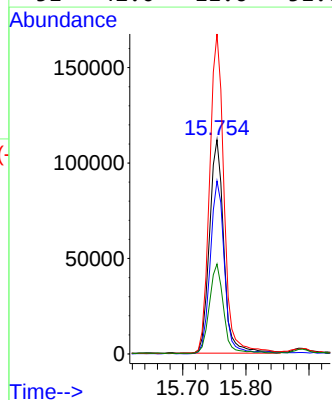
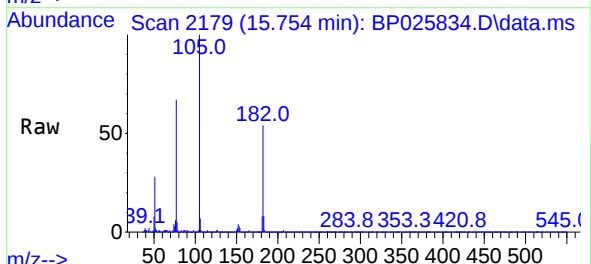
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

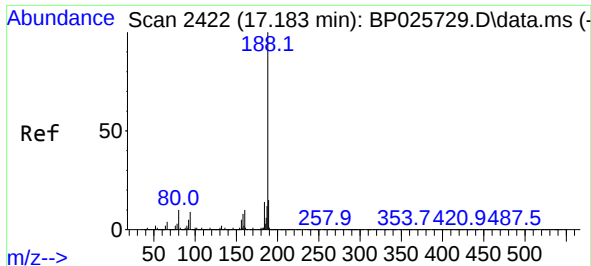
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 347    |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 119.7 | 62.9  | 102.9# |
| 65       | 173.7 | 83.4  | 123.4# |



#63  
Azobenzene  
Concen: 4.746 ng  
RT: 15.754 min Scan# 2179  
Delta R.T. 0.018 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 176896 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 80.7  | 5.2   | 45.2#  |
| 105      | 149.3 | 1.1   | 41.1#  |
| 51       | 42.0  | 11.6  | 51.6   |

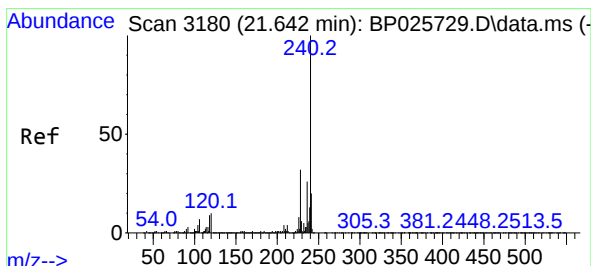
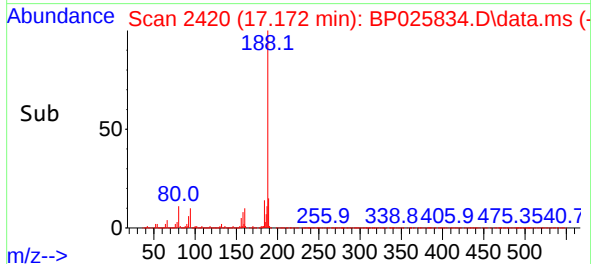
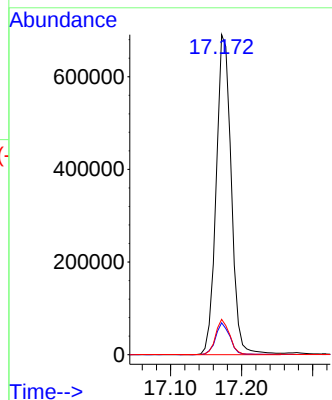
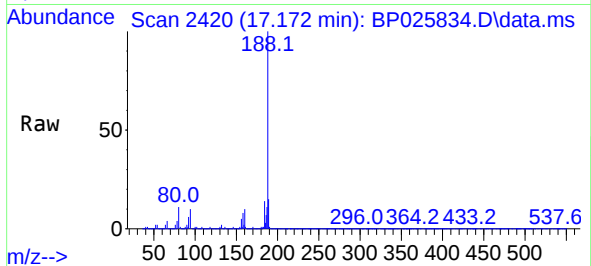




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.172 min Scan# 24  
Delta R.T. -0.012 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

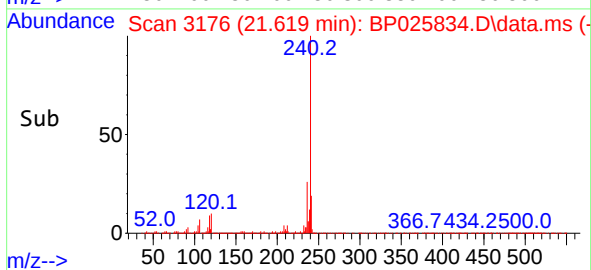
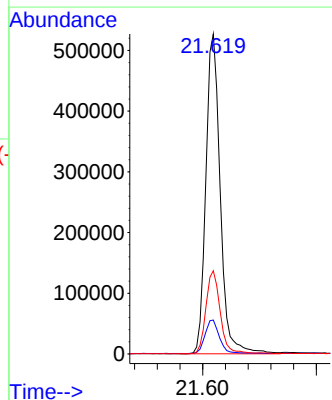
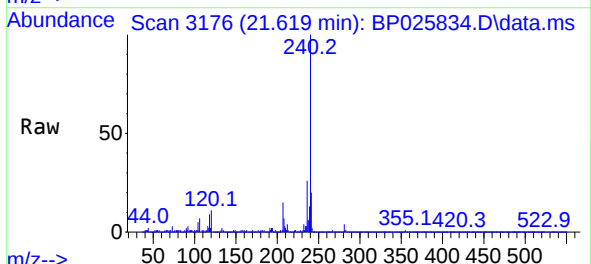
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

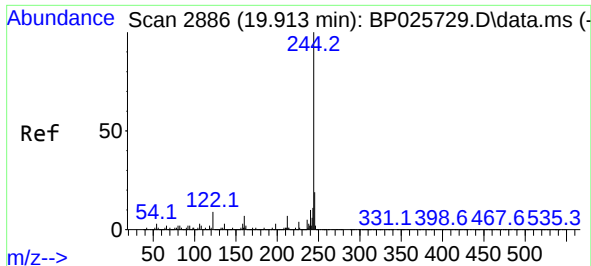
Tgt Ion:188 Resp: 1015126  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.4 11.0  
80 11.1 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.619 min Scan# 3176  
Delta R.T. -0.023 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion:240 Resp: 922633  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.0 12.0  
236 26.0 20.7 31.1

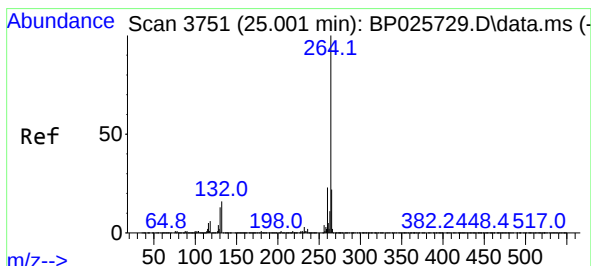
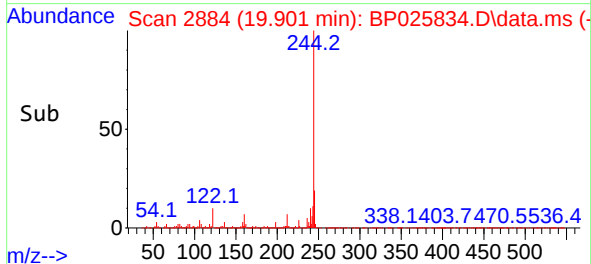
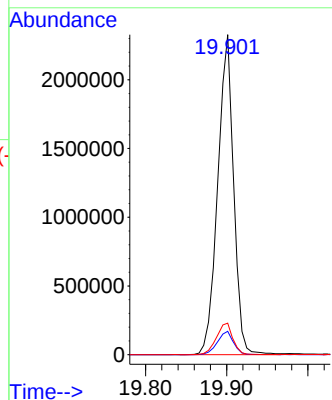
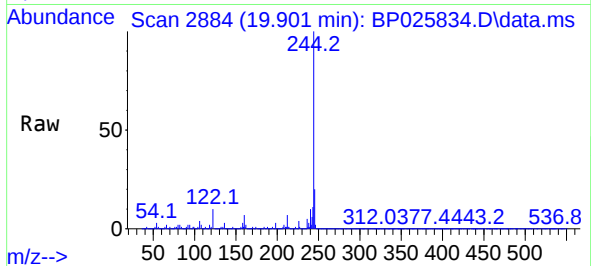




#79  
Terphenyl-d14  
Concen: 61.913 ng  
RT: 19.901 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40

Tgt Ion:244 Resp: 3175265  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.9 8.9  
122 9.8 7.1 10.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.977 min Scan# 3747  
Delta R.T. -0.023 min  
Lab File: BP025834.D  
Acq: 23 Sep 2025 18:00

Tgt Ion:264 Resp: 1007393  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.3 27.5  
265 22.5 17.3 25.9

