

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025828.D  
 Acq On : 23 Sep 2025 13:48  
 Operator : CG/JU  
 Sample : PB169774BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BL

Quant Time: Sep 23 14:09:18 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

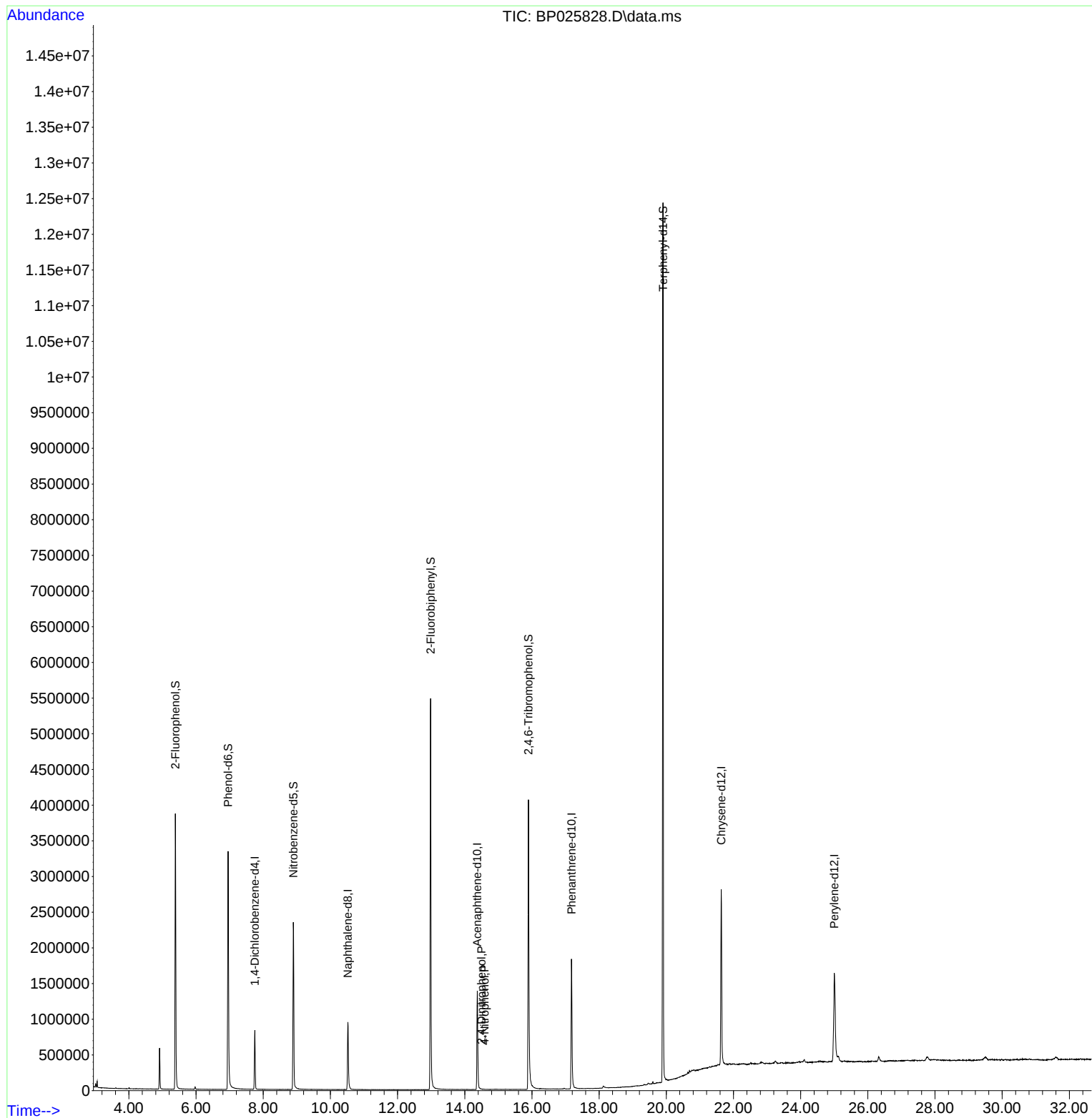
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.749  | 152  | 226989   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.519 | 136  | 889928   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.372 | 164  | 600979   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.178 | 188  | 1402806  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.636 | 240  | 1747164  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.001 | 264  | 1629648  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.384  | 112  | 1734129  | 123.270 | ng    | 0.00     |
| 7) Phenol-d6                | 6.955  | 99   | 2180413  | 116.609 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.896  | 82   | 1469707  | 72.849  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.895 | 330  | 1002082  | 133.682 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.984 | 172  | 3221809  | 71.381  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.901 | 244  | 6542411  | 67.365  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 54) 2,4-Dinitrophenol       | 14.495 | 184  | 4        | 4.825   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.590 | 139  | 98       | 4.493   | ng    | # 67     |
| -----                       |        |      |          |         |       |          |

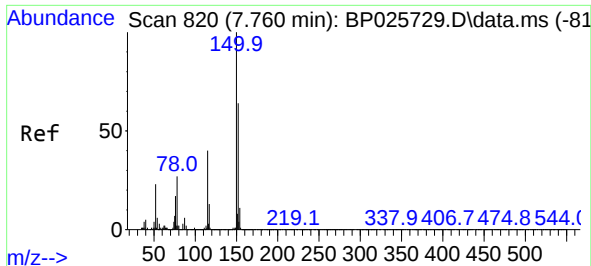
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
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Quant Time: Sep 23 14:09:18 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

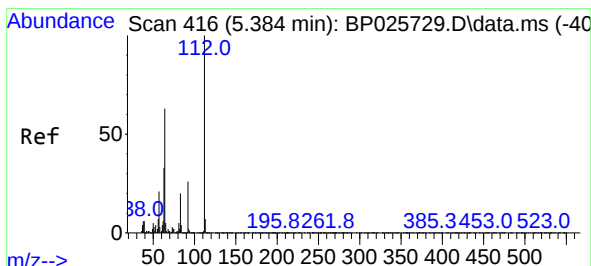
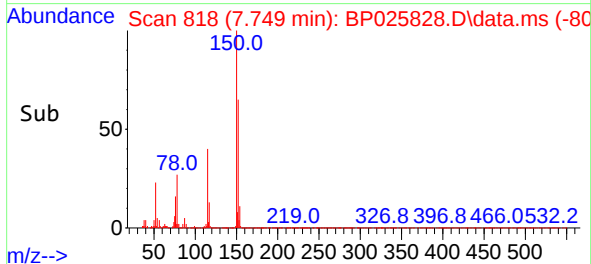
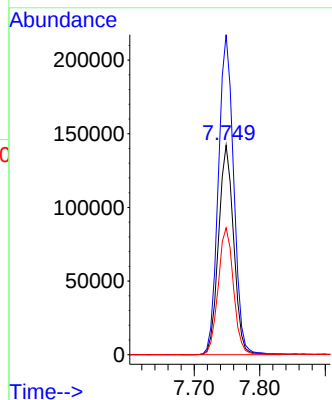
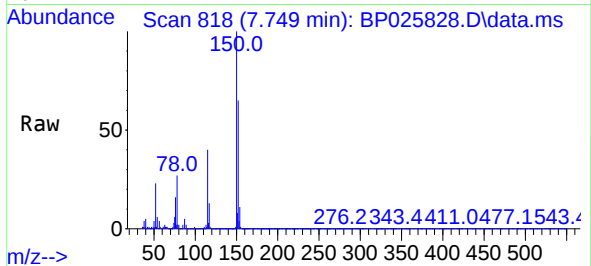




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

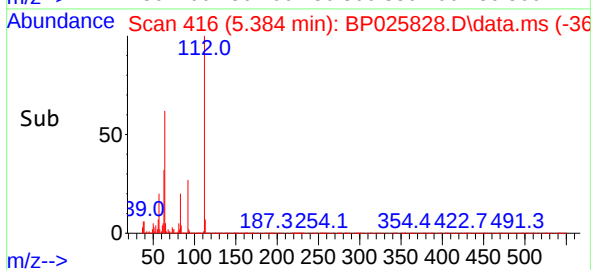
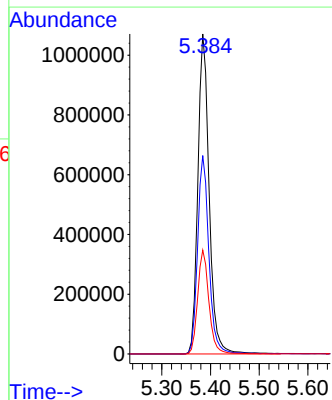
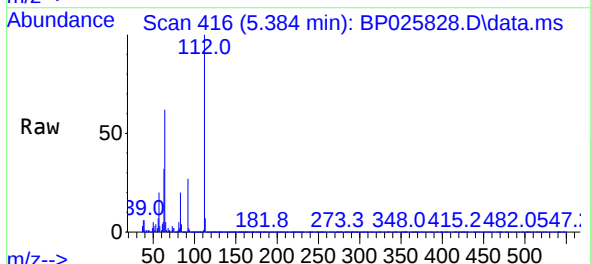
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

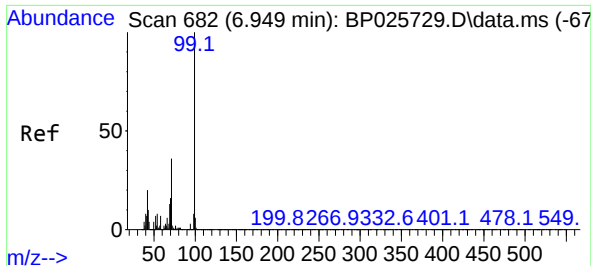
Tgt Ion:152 Resp: 226989  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.3 186.5  
115 60.6 50.3 75.5



#5  
2-Fluorophenol  
Concen: 123.270 ng  
RT: 5.384 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:112 Resp: 1734129  
Ion Ratio Lower Upper  
112 100  
64 62.0 50.2 75.4  
63 32.5 26.7 40.1



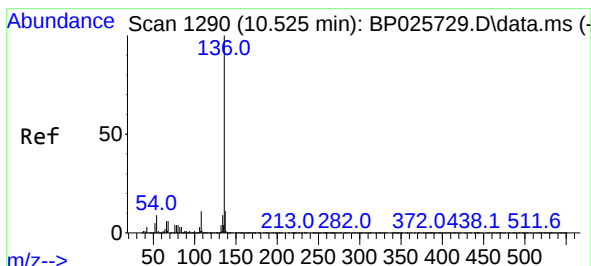
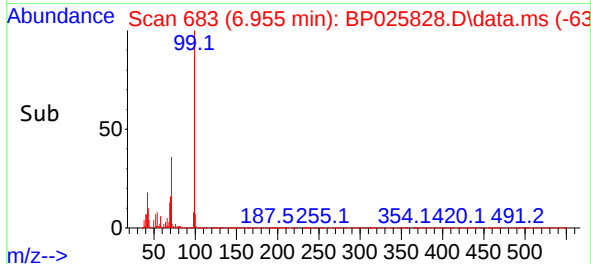
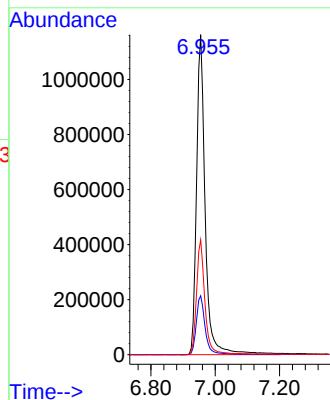
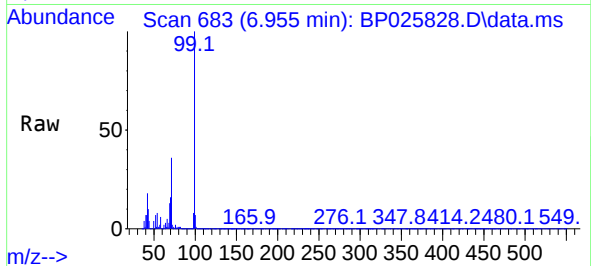


#7  
Phenol-d6  
Concen: 116.609 ng  
RT: 6.955 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

Tgt Ion: 99 Resp: 2180413

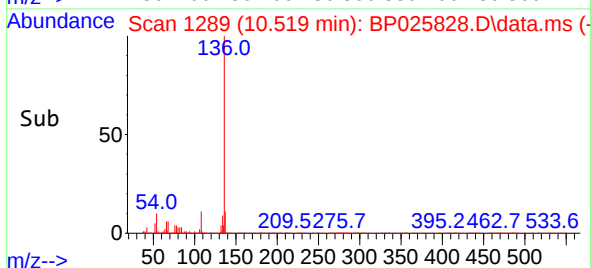
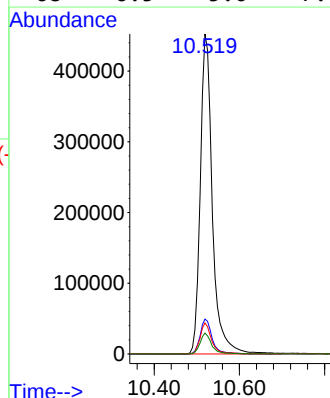
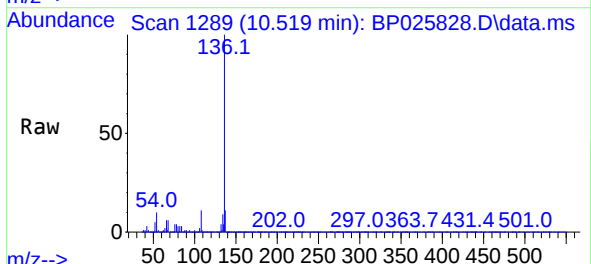
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 15.6  | 23.4  |
| 71  | 35.9  | 28.6  | 43.0  |

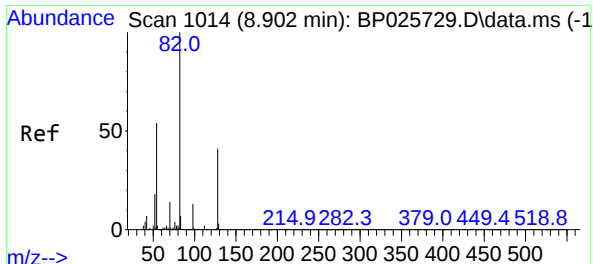


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:136 Resp: 889928

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 9.7   | 7.5   | 11.3  |
| 68  | 6.5   | 5.0   | 7.6   |





#23

Nitrobenzene-d5

Concen: 72.849 ng

RT: 8.896 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Instrument :

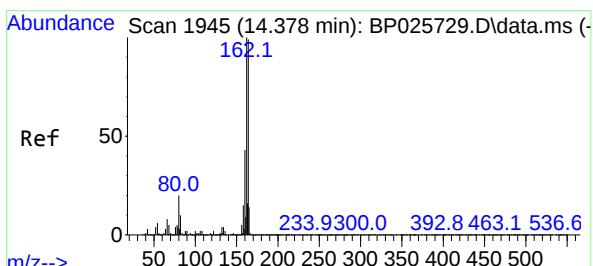
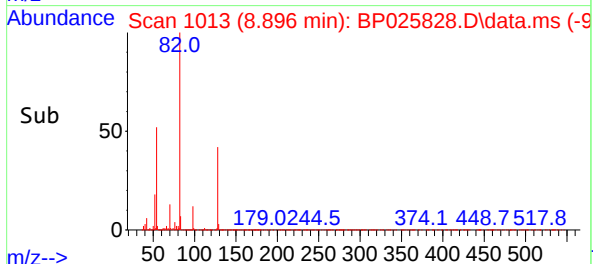
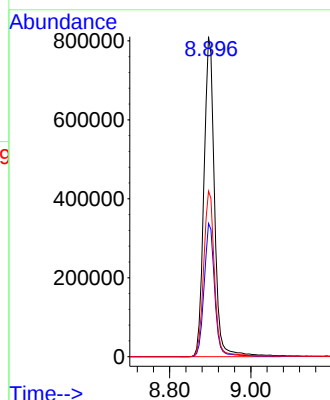
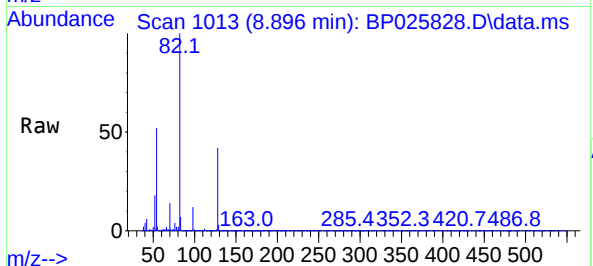
BNA\_P

ClientSampleId :

PB169774BL

Tgt Ion: 82 Resp: 1469707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.7  | 32.9  | 49.3  |
| 54  | 51.8  | 43.4  | 65.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

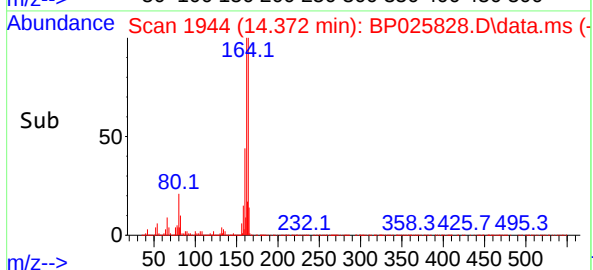
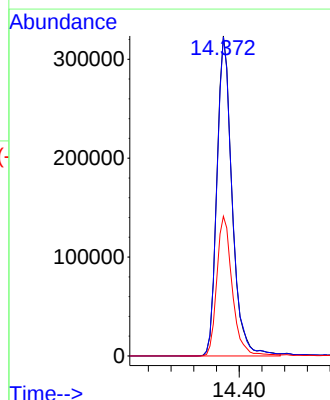
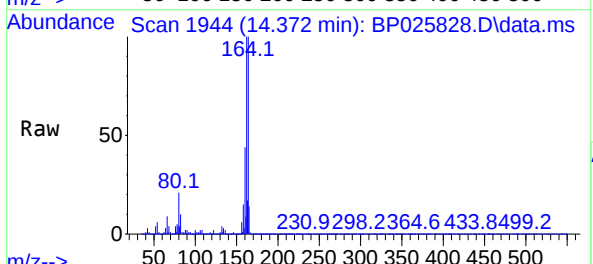
Delta R.T. -0.006 min

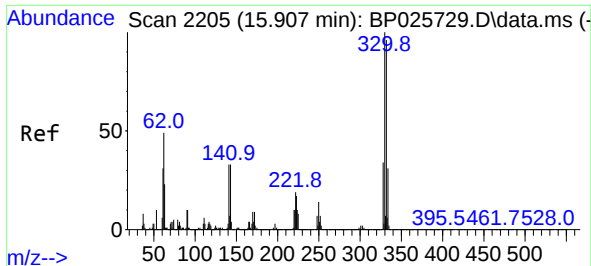
Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Tgt Ion:164 Resp: 600979

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.7  | 80.6  | 120.8 |
| 160 | 43.7  | 35.0  | 52.6  |

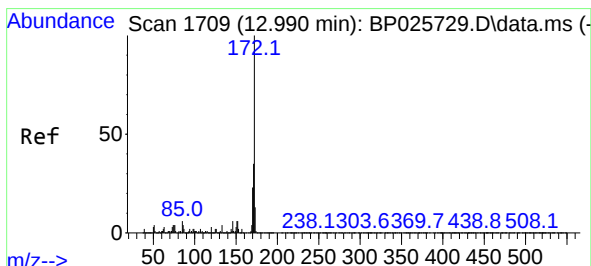
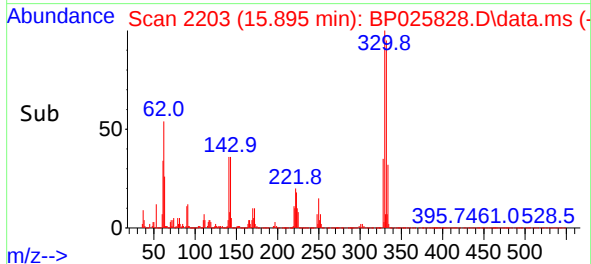
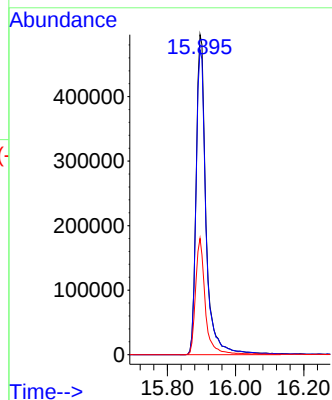
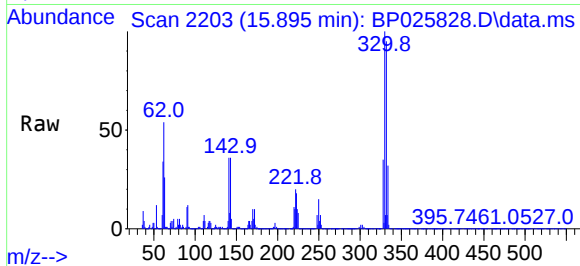




#42  
2,4,6-Tribromophenol  
Concen: 133.682 ng  
RT: 15.895 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

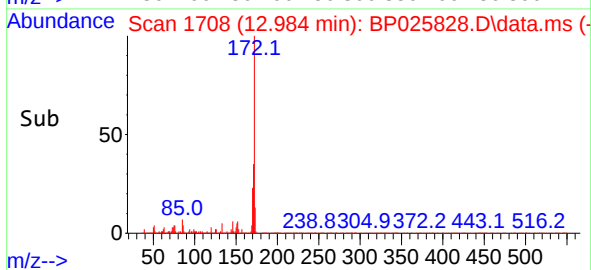
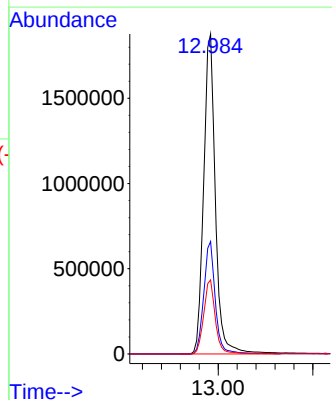
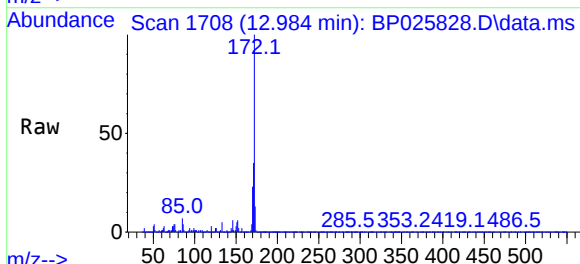
Instrument :  
BNA\_P  
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PB169774BL

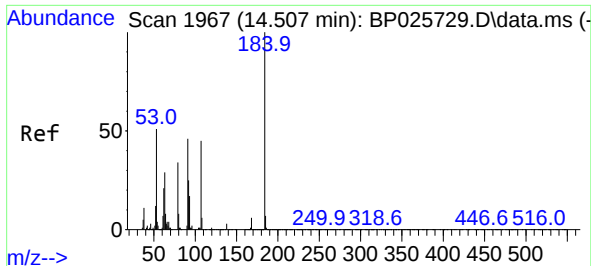
Tgt Ion:330 Resp: 1002082  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 35.6 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 71.381 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:172 Resp: 3221809  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.2 18.6 27.8

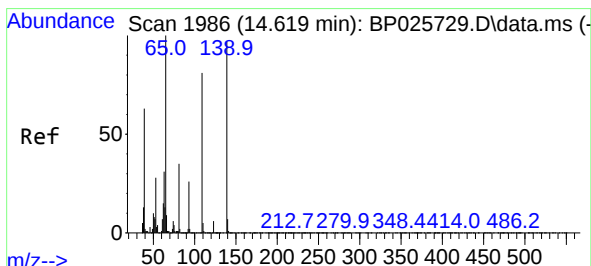
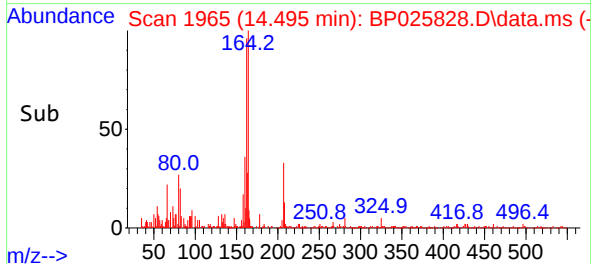
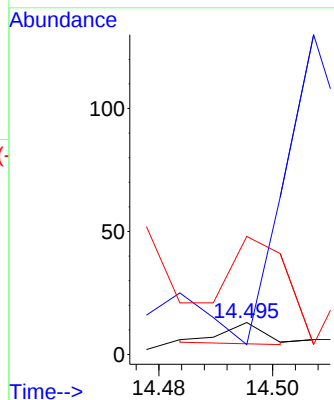
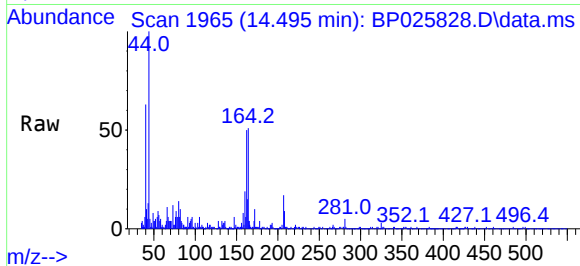




#54  
2,4-Dinitrophenol  
Concen: 4.825 ng  
RT: 14.495 min Scan# 1965  
Delta R.T. -0.012 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

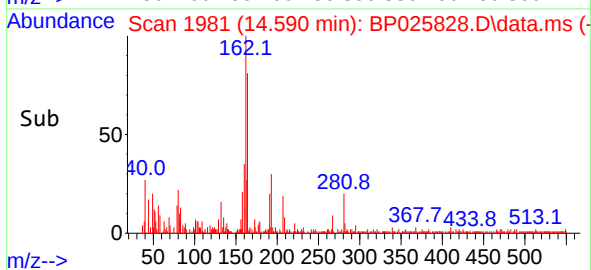
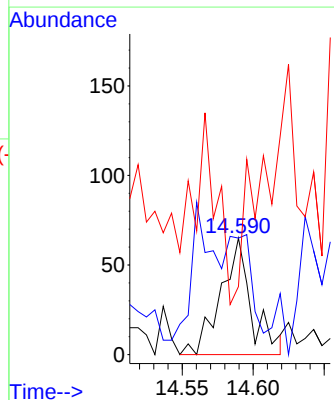
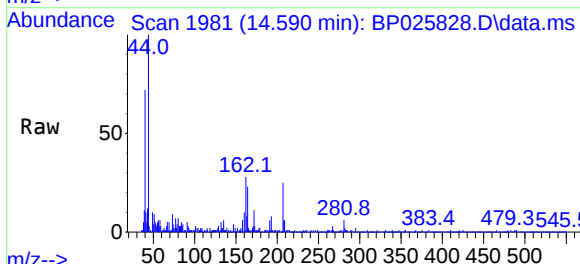
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ClientSampleId :  
PB169774BL

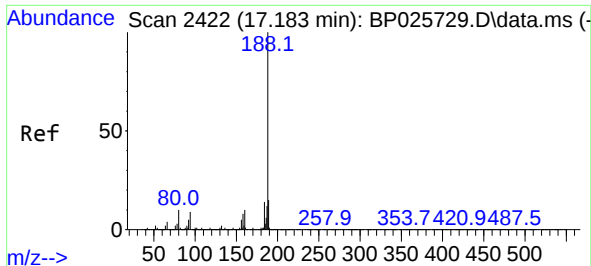
Tgt Ion:184 Resp: 4  
Ion Ratio Lower Upper  
184 100  
63 30.8 52.5 78.7#  
154 369.2 51.5 77.3#



#56  
4-Nitrophenol  
Concen: 4.493 ng  
RT: 14.590 min Scan# 1981  
Delta R.T. -0.029 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:139 Resp: 98  
Ion Ratio Lower Upper  
139 100  
109 100.0 62.9 102.9  
65 58.5 83.4 123.4#

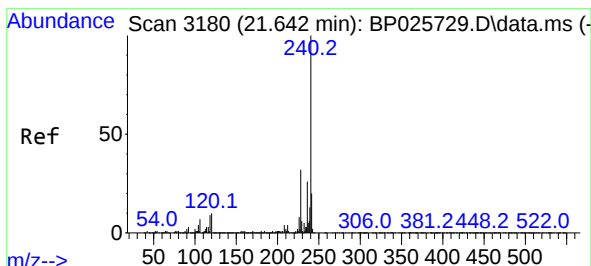
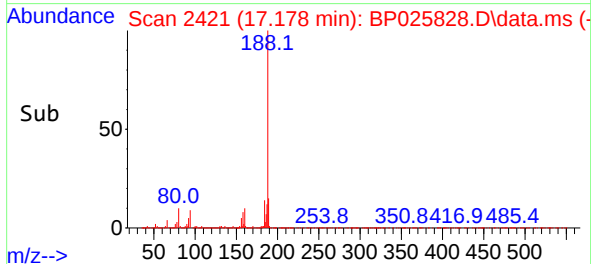
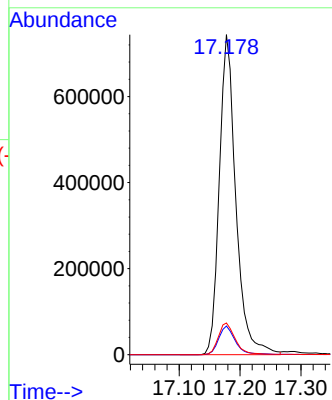
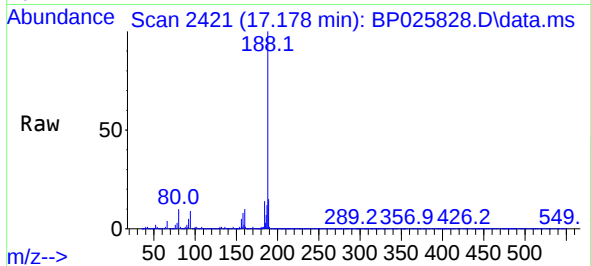




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2422  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

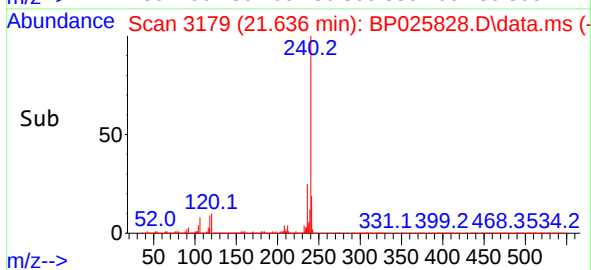
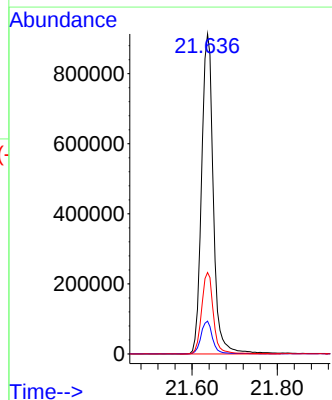
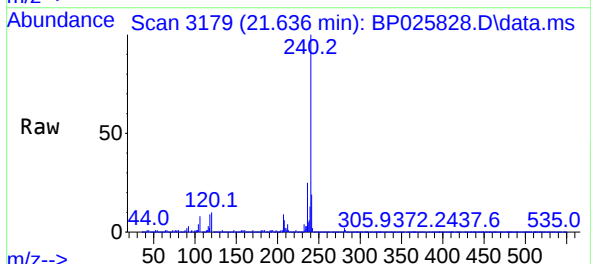
Instrument :  
BNA\_P  
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PB169774BL

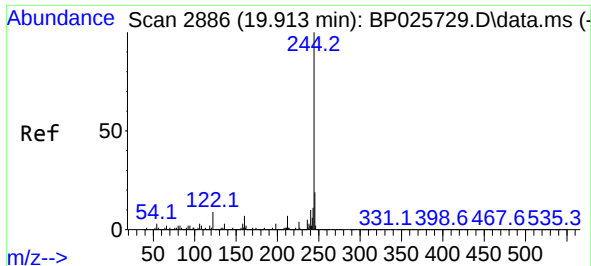
Tgt Ion:188 Resp: 1402806  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.0  
80 9.9 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:240 Resp: 1747164  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.0 12.0  
236 25.5 20.7 31.1

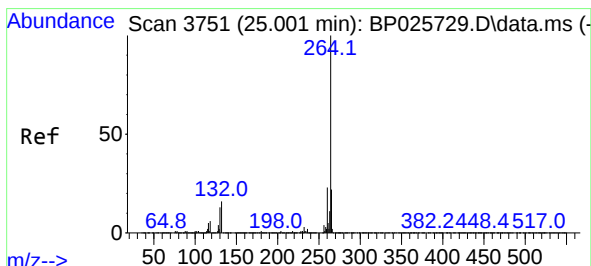
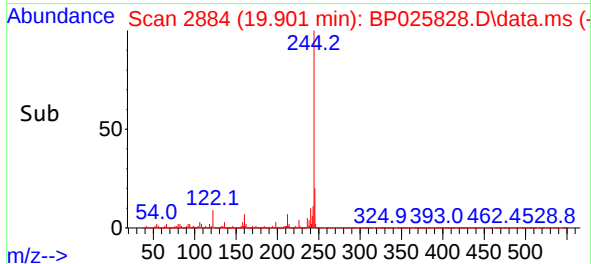
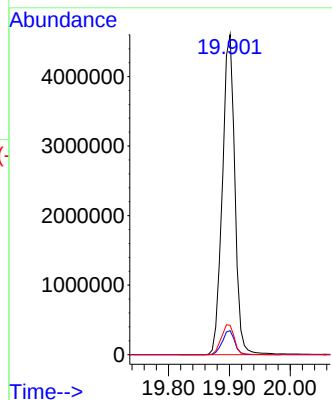
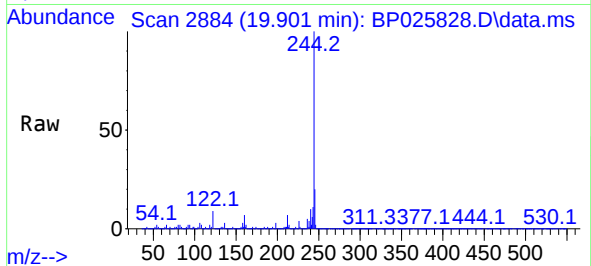




#79  
 Terphenyl-d14  
 Concen: 67.365 ng  
 RT: 19.901 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP025828.D  
 Acq: 23 Sep 2025 13:48

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BL

Tgt Ion:244 Resp: 6542411  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 9.2 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.001 min Scan# 3751  
 Delta R.T. 0.000 min  
 Lab File: BP025828.D  
 Acq: 23 Sep 2025 13:48

Tgt Ion:264 Resp: 1629648  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.3 27.5  
 265 22.5 17.3 25.9

