

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
 Data File : BN038362.D  
 Acq On : 12 Dec 2025 22:47  
 Operator : RC/JU  
 Sample : PB170917BL  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB170917BL

Quant Time: Dec 13 02:11:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 10 13:56:50 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.717  | 152  | 6962     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.520 | 136  | 17810    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10        | 14.388 | 164  | 9070     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.149 | 188  | 16832    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.340 | 240  | 10588    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.625 | 264  | 9418     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.291  | 112  | 6117     | 0.353 | ng    | 0.00     |
| 5) Phenol-d6                | 6.887  | 99   | 6984     | 0.339 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.875  | 82   | 5703     | 0.380 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.126 | 152  | 8670     | 0.345 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.895 | 330  | 838      | 0.208 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.009 | 172  | 15986    | 0.366 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.183 | 212  | 14502    | 0.348 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.782 | 244  | 10903    | 0.461 | ng    | 0.00     |

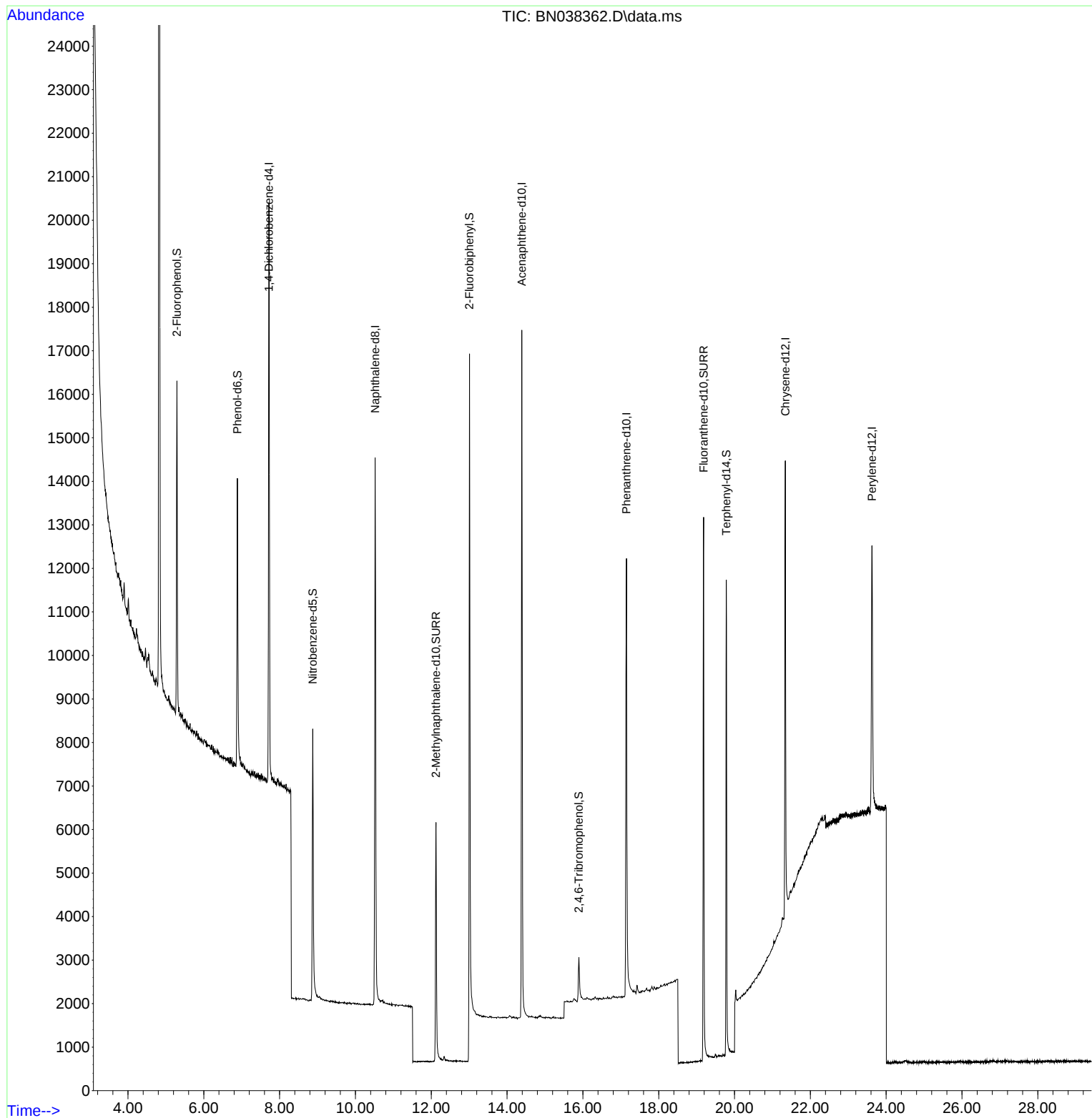
Target Compounds Qvalue

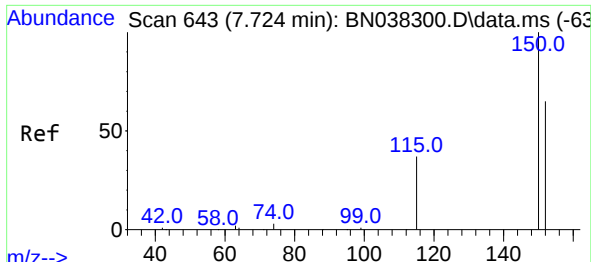
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
Data File : BN038362.D  
Acq On : 12 Dec 2025 22:47  
Operator : RC/JU  
Sample : PB170917BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BL

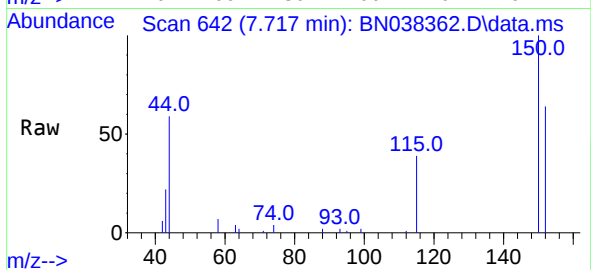
Quant Time: Dec 13 02:11:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration



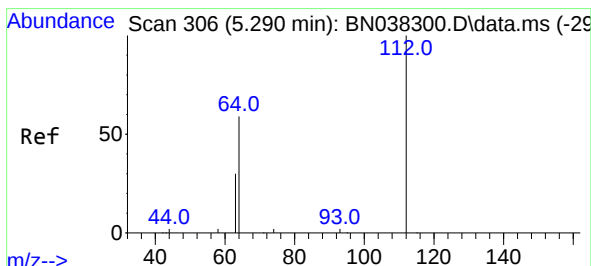
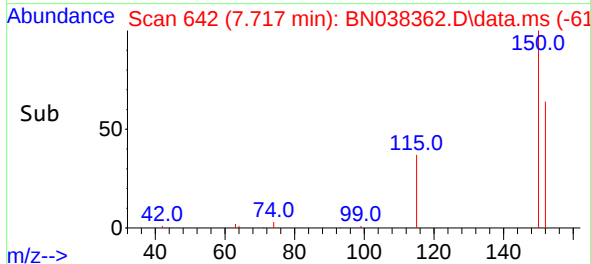
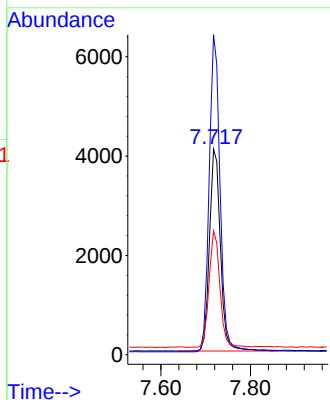


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BL

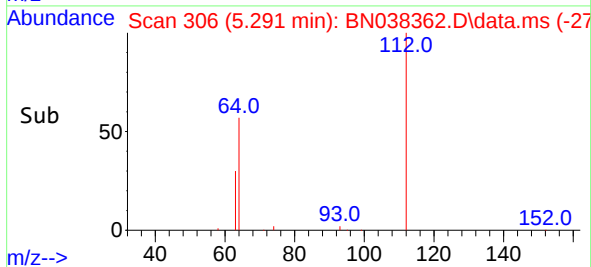
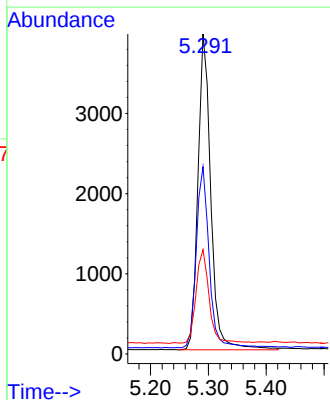
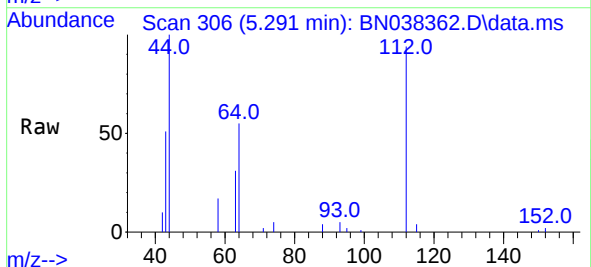


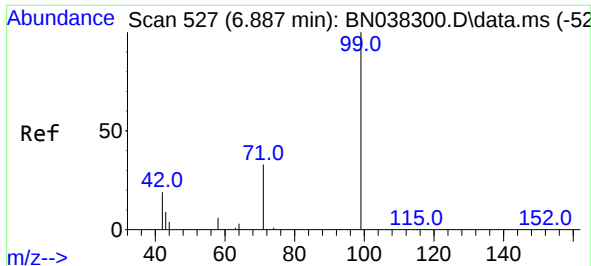
Tgt Ion:152 Resp: 6962  
Ion Ratio Lower Upper  
152 100  
150 155.6 122.4 183.6  
115 60.3 47.3 70.9



#4  
2-Fluorophenol  
Concen: 0.353 ng  
RT: 5.291 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

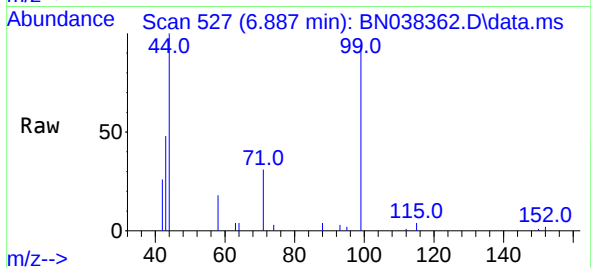
Tgt Ion:112 Resp: 6117  
Ion Ratio Lower Upper  
112 100  
64 58.1 44.4 66.6  
63 30.2 23.4 35.0





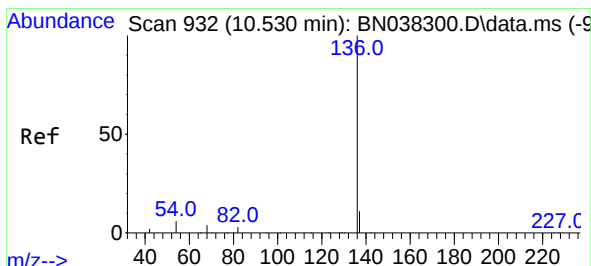
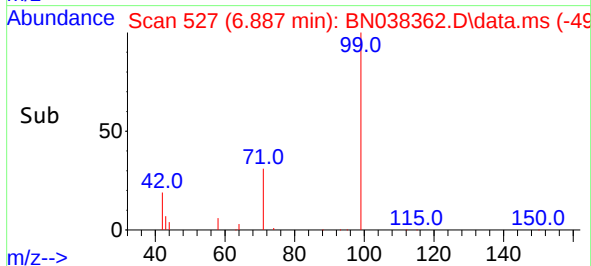
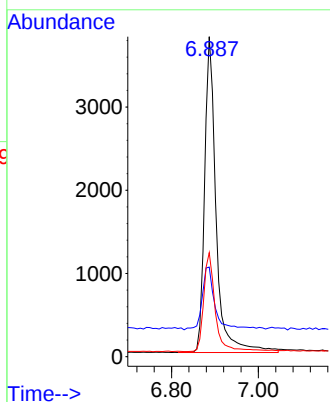
#5  
Phenol-d6  
Concen: 0.339 ng  
RT: 6.887 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Instrument :  
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PB170917BL



Tgt Ion: 99 Resp: 6984

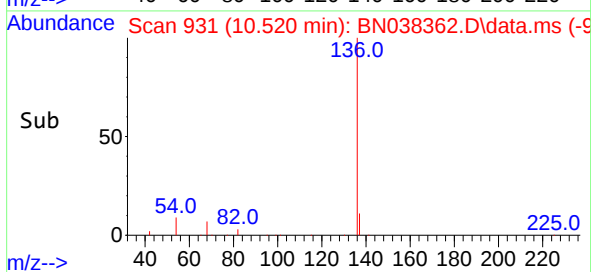
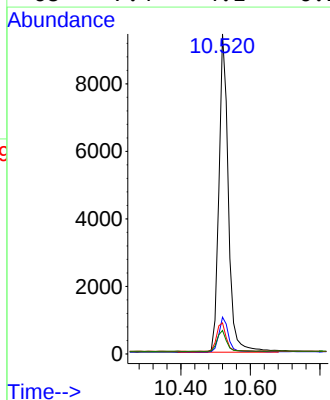
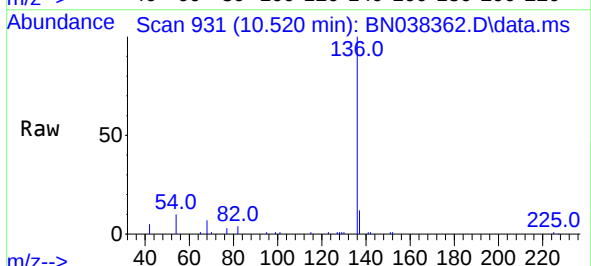
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.6  | 16.5  | 24.7  |
| 71  | 31.9  | 24.9  | 37.3  |

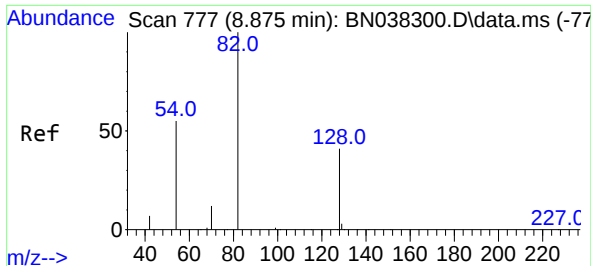


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.520 min Scan# 931  
Delta R.T. -0.010 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Tgt Ion: 136 Resp: 17810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.1   | 13.7  |
| 54  | 9.7   | 5.2   | 7.8#  |
| 68  | 7.4   | 4.1   | 6.1#  |

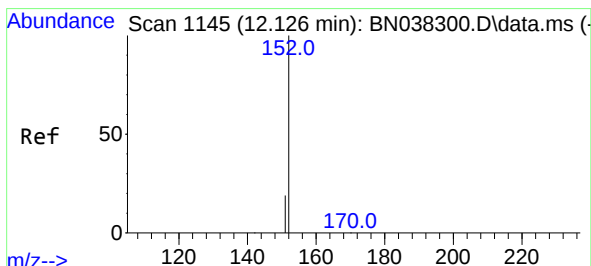
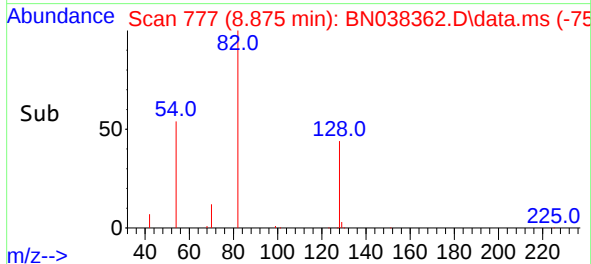
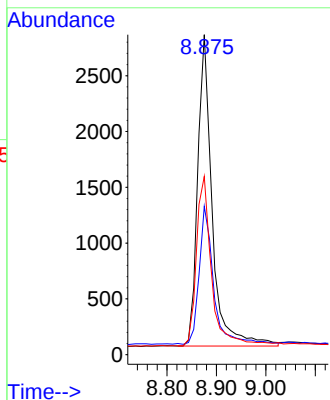
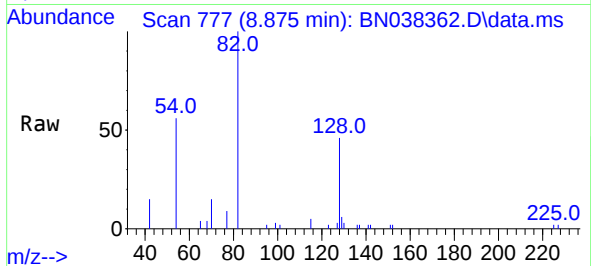




#8  
Nitrobenzene-d5  
Concen: 0.380 ng  
RT: 8.875 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

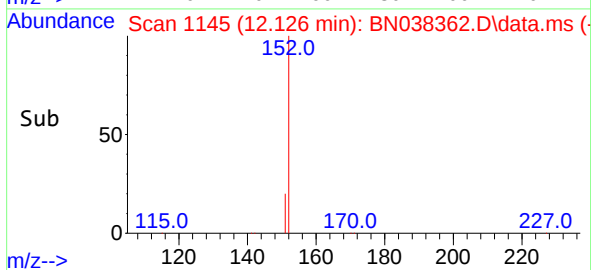
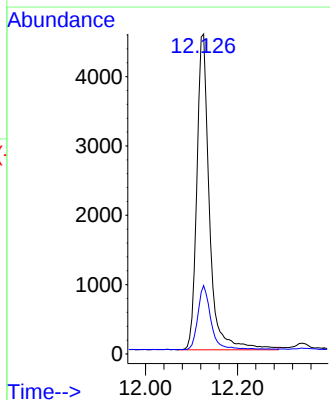
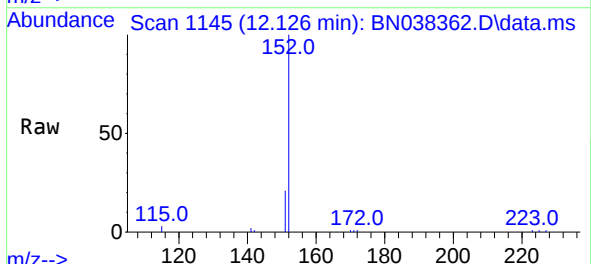
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BL

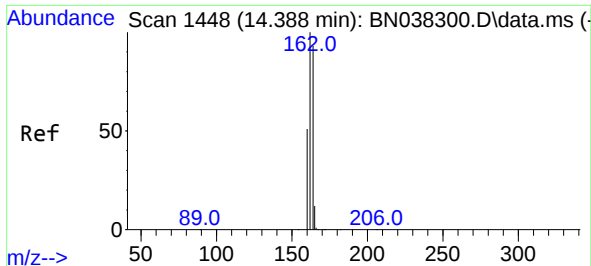
Tgt Ion: 82 Resp: 5703  
Ion Ratio Lower Upper  
82 100  
128 46.3 34.0 51.0  
54 55.7 44.4 66.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.345 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Tgt Ion: 152 Resp: 8670  
Ion Ratio Lower Upper  
152 100  
151 20.7 17.0 25.6

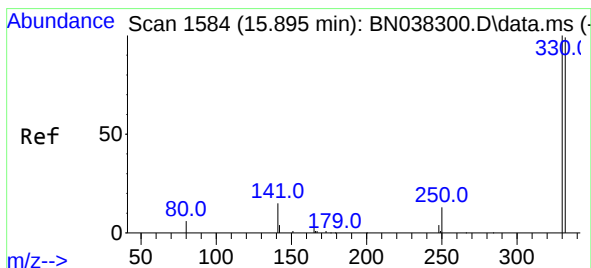
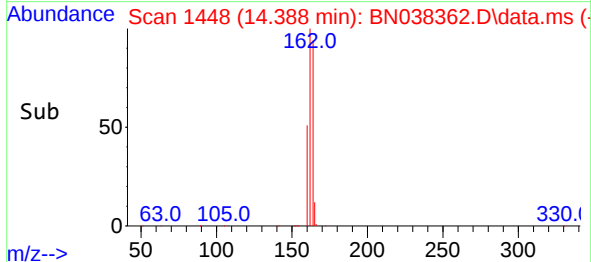
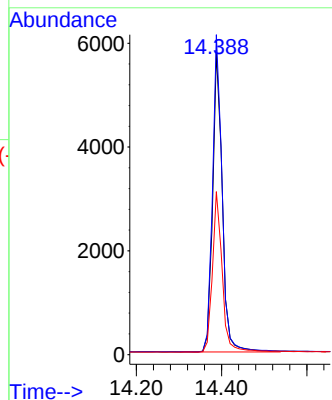
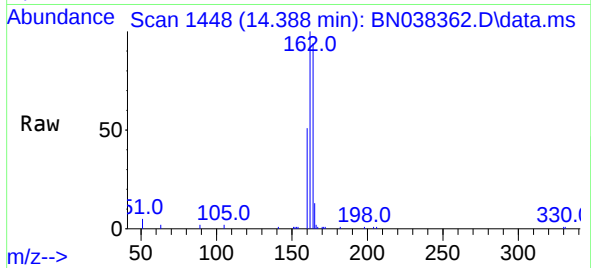




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.388 min Scan# 1448  
Delta R.T. -0.011 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

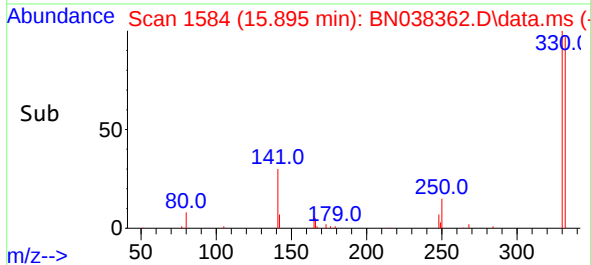
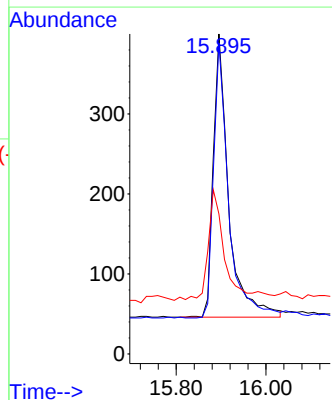
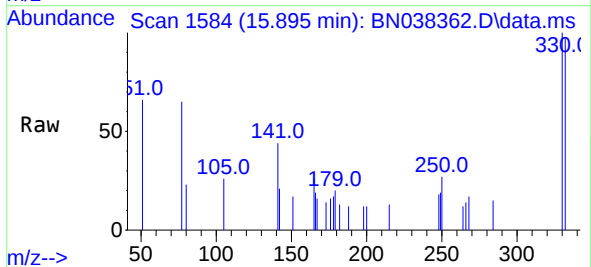
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PB170917BL

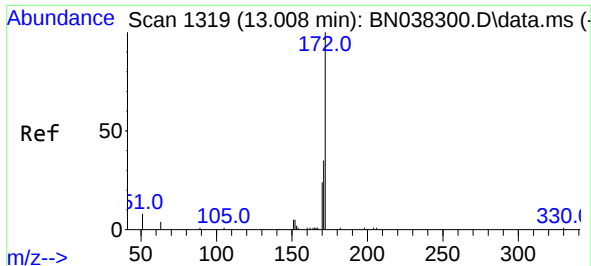
Tgt Ion:164 Resp: 9070  
Ion Ratio Lower Upper  
164 100  
162 106.1 86.2 129.4  
160 54.1 44.6 67.0



#14  
2,4,6-Tribromophenol  
Concen: 0.208 ng  
RT: 15.895 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Tgt Ion:330 Resp: 838  
Ion Ratio Lower Upper  
330 100  
332 95.9 75.8 113.6  
141 40.6 31.8 47.8

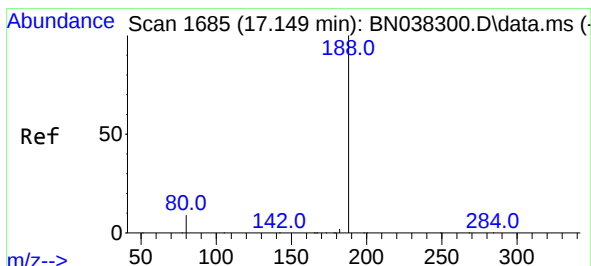
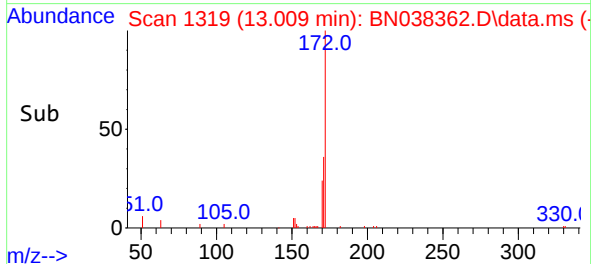
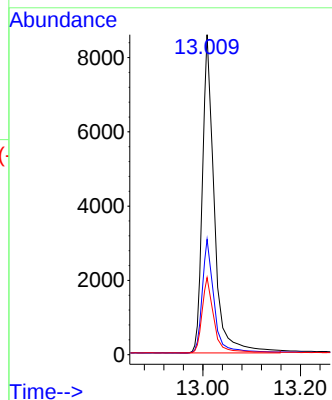
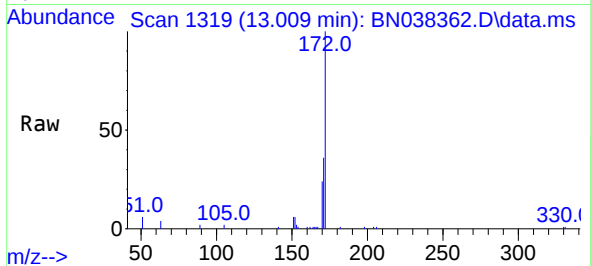




#15  
2-Fluorobiphenyl  
Concen: 0.366 ng  
RT: 13.009 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

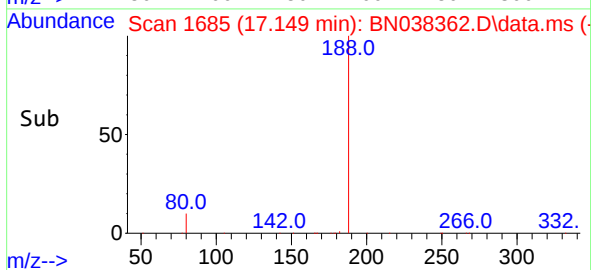
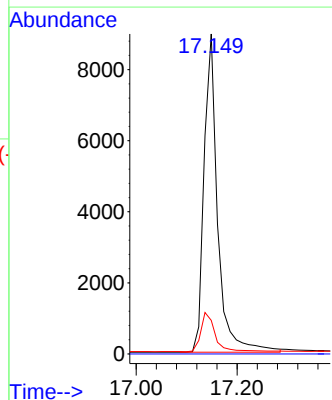
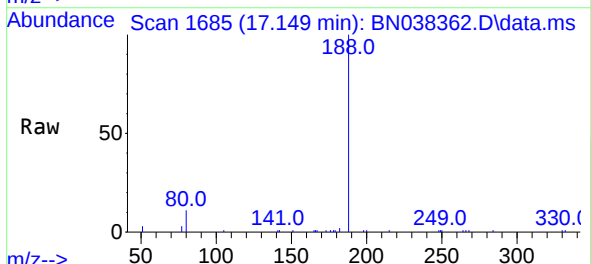
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BNA\_N  
ClientSampleId :  
PB170917BL

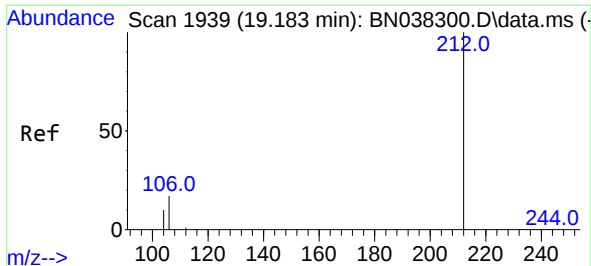
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 15986 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.1  | 28.6  | 42.8  |
| 170      | 24.1  | 19.3  | 28.9  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.149 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

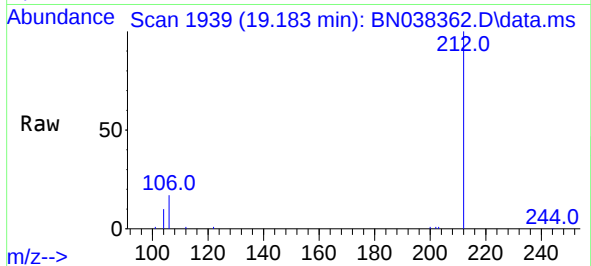
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 16832 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 10.5  | 7.4   | 11.0  |



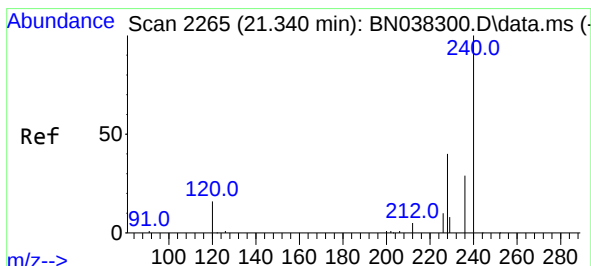
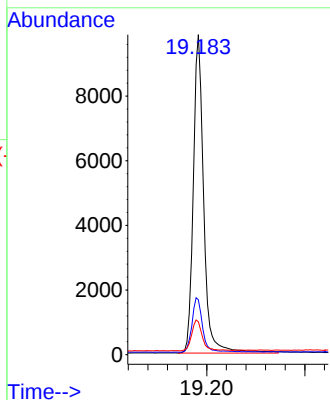


#27  
Fluoranthene-d10  
Concen: 0.348 ng  
RT: 19.183 min Scan# 1939  
Delta R.T. -0.004 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BL

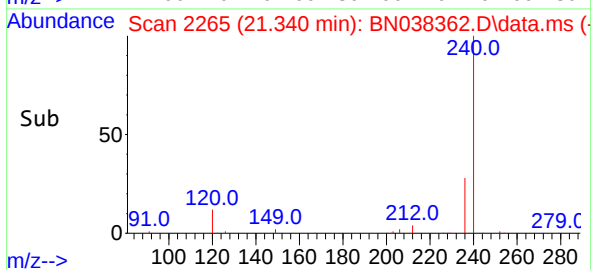
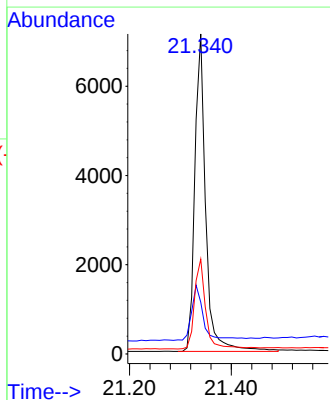
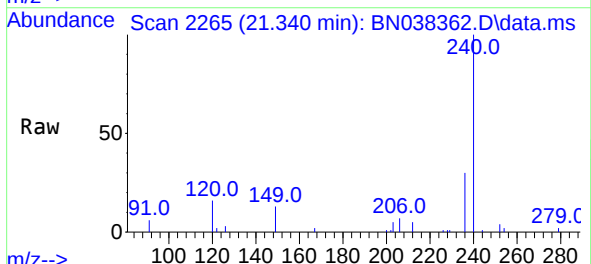


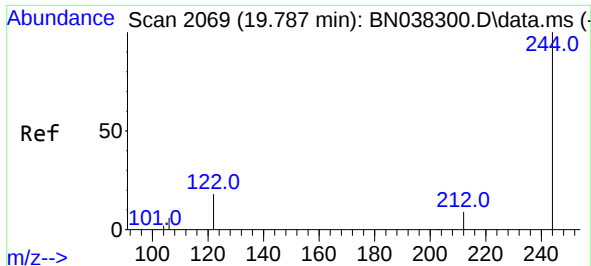
Tgt Ion:212 Resp: 14502  
Ion Ratio Lower Upper  
212 100  
106 16.9 13.7 20.5  
104 9.7 7.8 11.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.340 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BN038362.D  
Acq: 12 Dec 2025 22:47

Tgt Ion:240 Resp: 10588  
Ion Ratio Lower Upper  
240 100  
120 16.2 15.4 23.2  
236 29.7 23.9 35.9

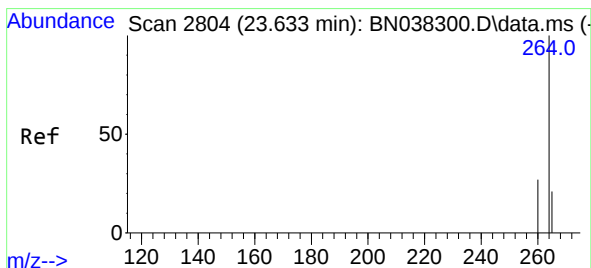
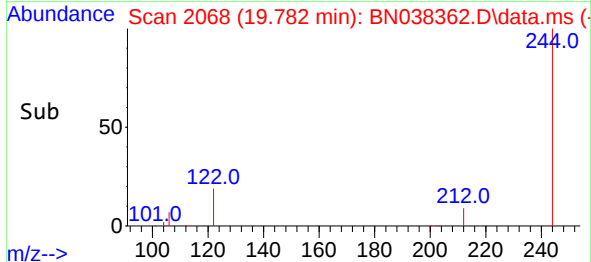
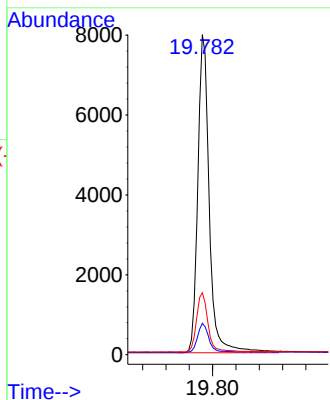
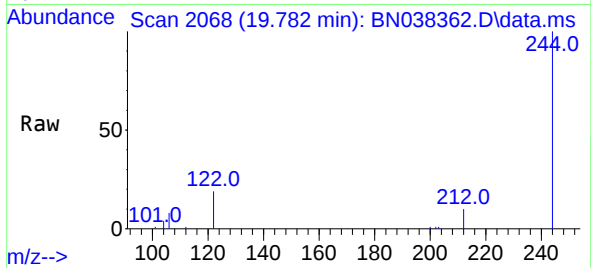




#31  
 Terphenyl-d14  
 Concen: 0.461 ng  
 RT: 19.782 min Scan# 2069  
 Delta R.T. -0.009 min  
 Lab File: BN038362.D  
 Acq: 12 Dec 2025 22:47

Instrument :  
 BNA\_N  
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 PB170917BL

Tgt Ion:244 Resp: 10903  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.9 11.9  
 122 19.4 15.0 22.6



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.625 min Scan# 2801  
 Delta R.T. -0.009 min  
 Lab File: BN038362.D  
 Acq: 12 Dec 2025 22:47

Tgt Ion:264 Resp: 9418  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 22.2 33.2  
 265 116.4 80.2 120.2

