

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102025\  
 Data File : BN038102.D  
 Acq On : 20 Oct 2025 17:56  
 Operator : RC/JU  
 Sample : PB170167BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB170167BL

Quant Time: Oct 20 18:21:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.789  | 152  | 8486     | 0.400 | ng    | -0.04    |
| 7) Naphthalene-d8           | 10.594 | 136  | 21914    | 0.400 | ng    | -0.03    |
| 13) Acenaphthene-d10        | 14.452 | 164  | 10397    | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10        | 17.198 | 188  | 17174    | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12            | 21.384 | 240  | 12295    | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12            | 23.701 | 264  | 12453    | 0.400 | ng    | #-0.03   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.356  | 112  | 6261     | 0.323 | ng    | -0.03    |
| 5) Phenol-d6                | 6.944  | 99   | 6738     | 0.265 | ng    | -0.03    |
| 8) Nitrobenzene-d5          | 8.939  | 82   | 6014     | 0.360 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10 | 12.187 | 152  | 10334    | 0.339 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol    | 15.957 | 330  | 297      | 0.075 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 13.073 | 172  | 16676    | 0.392 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 19.234 | 212  | 14269    | 0.330 | ng    | -0.02    |
| 31) Terphenyl-d14           | 19.829 | 244  | 11129    | 0.454 | ng    | -0.02    |

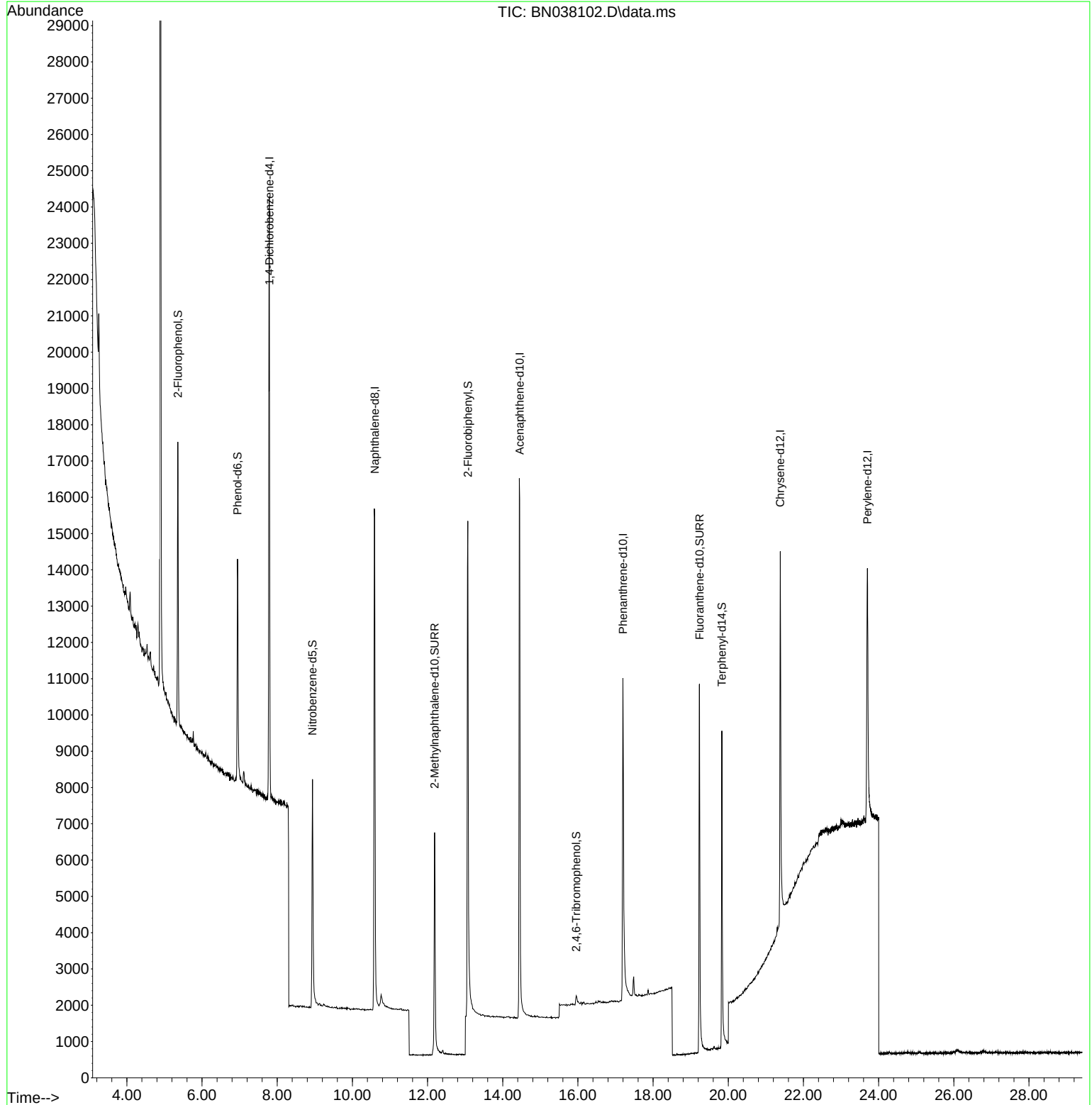
Target Compounds Qvalue

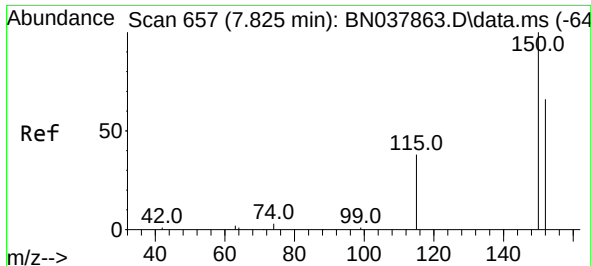
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102025\  
Data File : BN038102.D  
Acq On : 20 Oct 2025 17:56  
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Sample : PB170167BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB170167BL

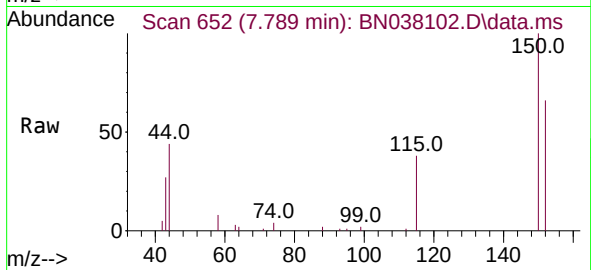
Quant Time: Oct 20 18:21:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



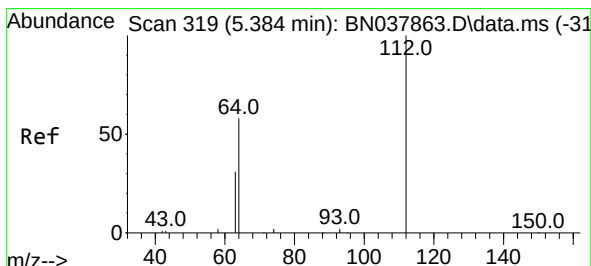
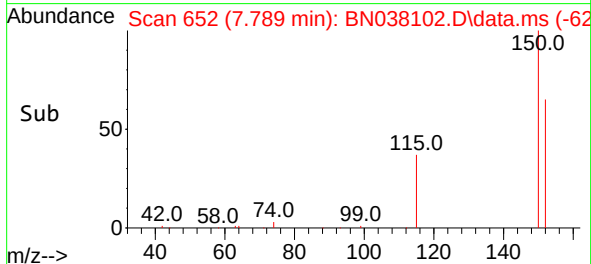
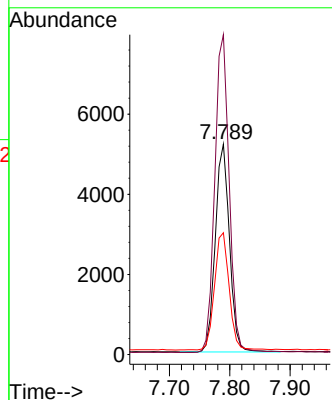


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.789 min Scan# 61  
 Delta R.T. -0.036 min  
 Lab File: BN038102.D  
 Acq: 20 Oct 2025 17:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB170167BL

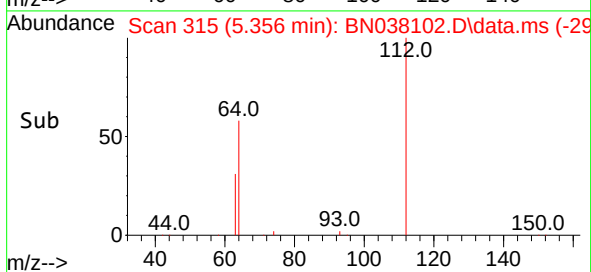
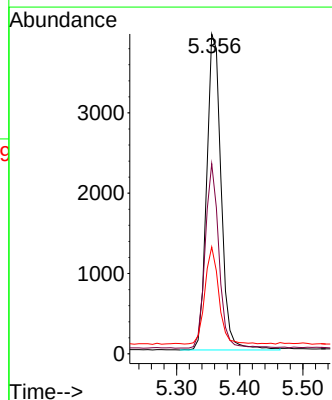
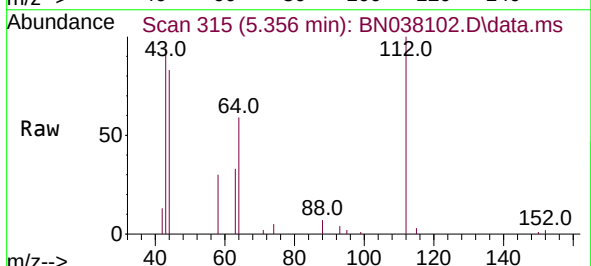


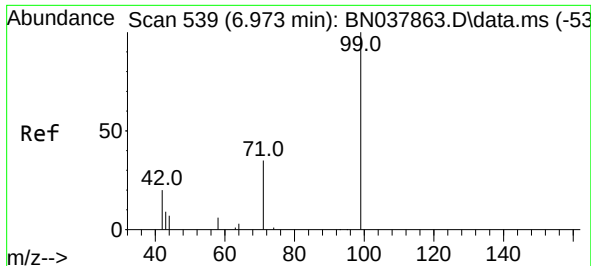
Tgt Ion:152 Resp: 8486  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 121.0 181.4  
 115 57.9 47.4 71.0



#4  
 2-Fluorophenol  
 Concen: 0.323 ng  
 RT: 5.356 min Scan# 315  
 Delta R.T. -0.029 min  
 Lab File: BN038102.D  
 Acq: 20 Oct 2025 17:56

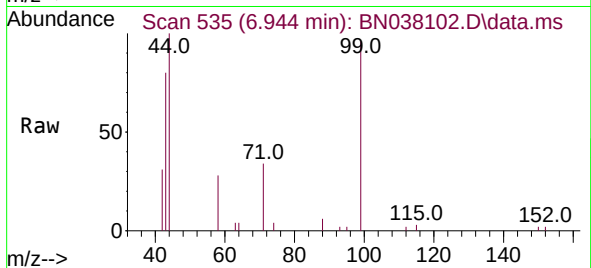
Tgt Ion:112 Resp: 6261  
 Ion Ratio Lower Upper  
 112 100  
 64 55.6 44.6 66.8  
 63 29.5 24.9 37.3



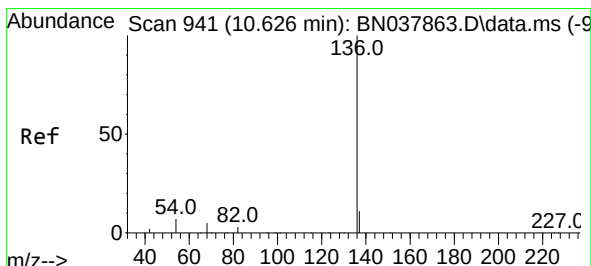
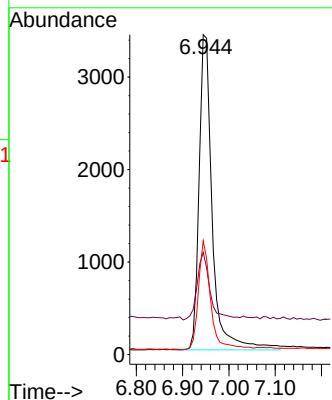
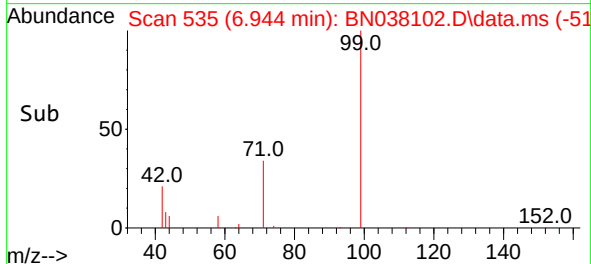


#5  
Phenol-d6  
Concen: 0.265 ng  
RT: 6.944 min Scan# 531  
Delta R.T. -0.029 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Instrument :  
BNA\_N  
ClientSampleId :  
PB170167BL

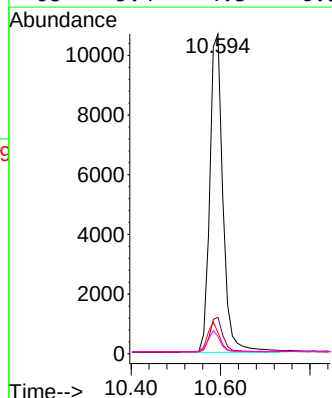
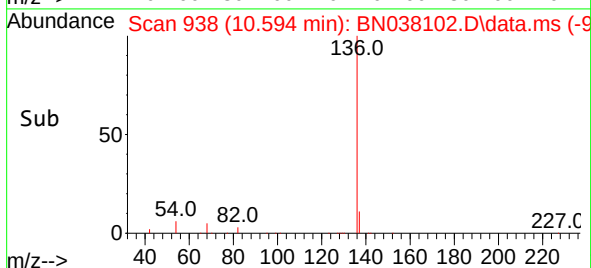
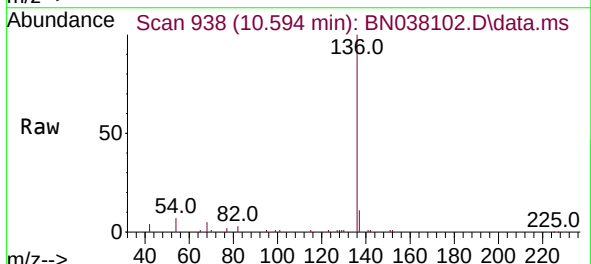


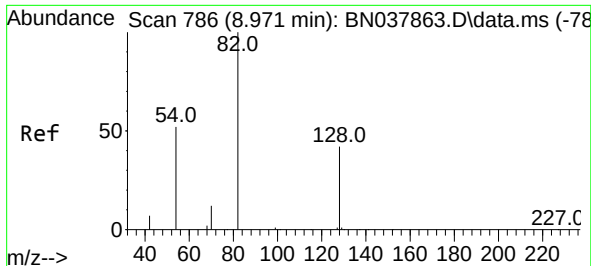
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6738  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.7  | 17.2  | 25.8  |
| 71       | 31.9  | 27.3  | 40.9  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.594 min Scan# 938  
Delta R.T. -0.032 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 21914 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.4  |
| 54       | 6.7   | 5.8   | 8.8   |
| 68       | 5.4   | 4.3   | 6.5   |

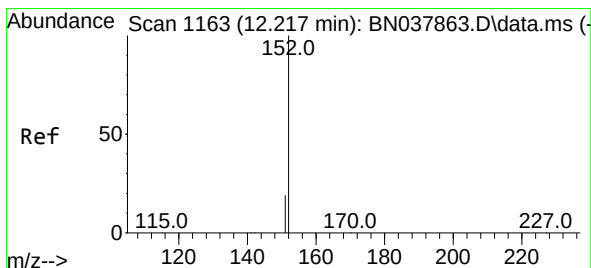
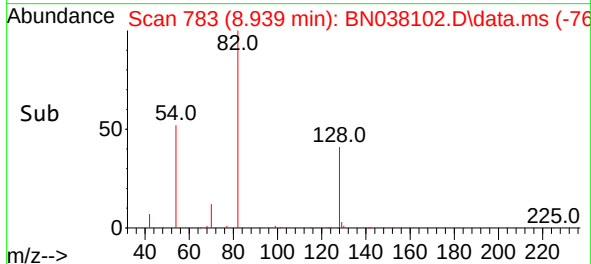
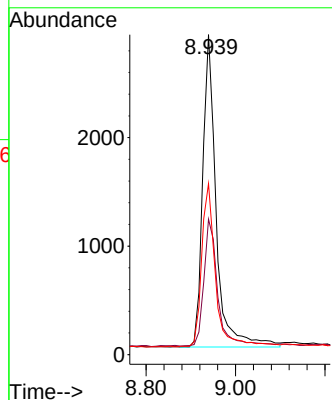
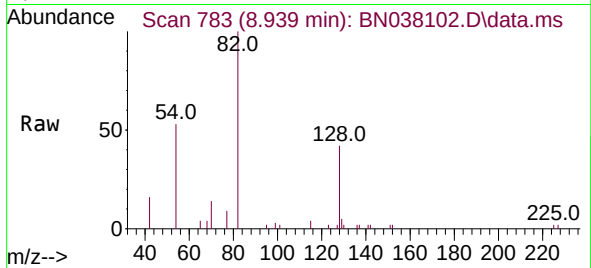




#8  
Nitrobenzene-d5  
Concen: 0.360 ng  
RT: 8.939 min Scan# 786  
Delta R.T. -0.032 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

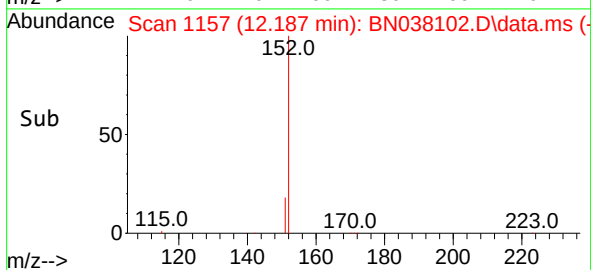
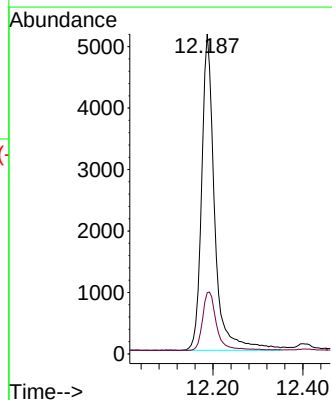
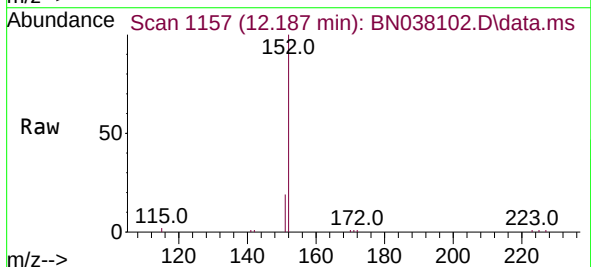
Instrument :  
BNA\_N  
ClientSampleId :  
PB170167BL

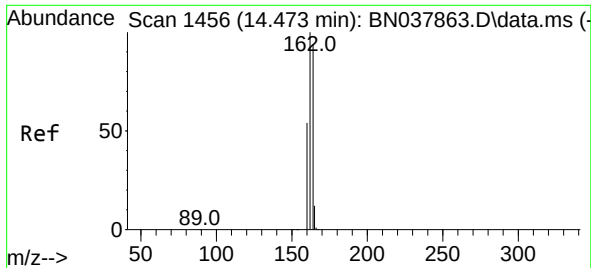
Tgt Ion: 82 Resp: 6014  
Ion Ratio Lower Upper  
82 100  
128 42.4 34.8 52.2  
54 53.4 42.2 63.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.339 ng  
RT: 12.187 min Scan# 1157  
Delta R.T. -0.030 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Tgt Ion: 152 Resp: 10334  
Ion Ratio Lower Upper  
152 100  
151 20.0 17.4 26.2

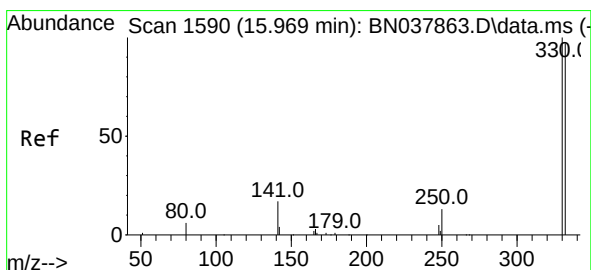
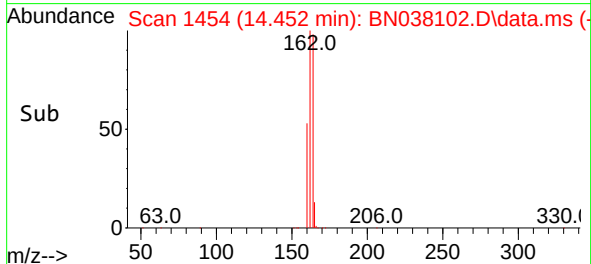
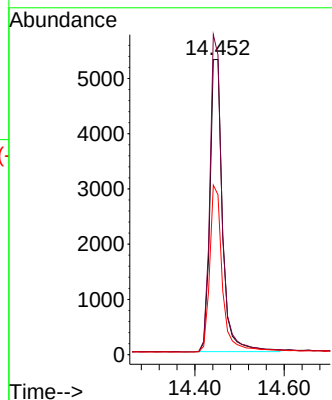
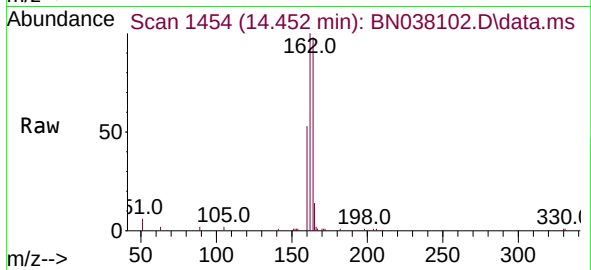




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.452 min Scan# 14  
Delta R.T. -0.021 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

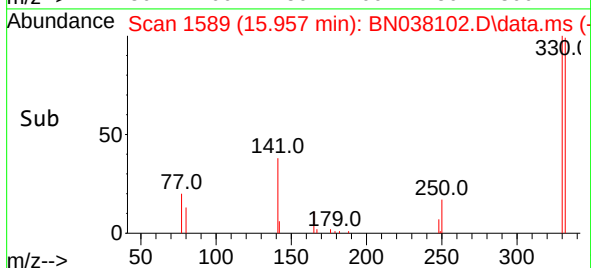
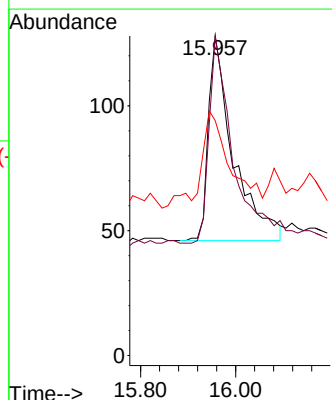
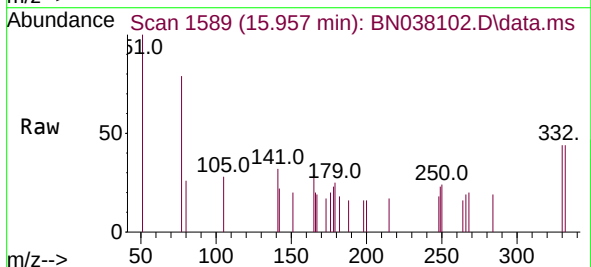
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BNA\_N  
ClientSampleId :  
PB170167BL

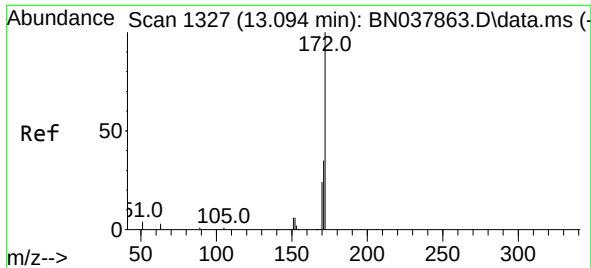
Tgt Ion:164 Resp: 10397  
Ion Ratio Lower Upper  
164 100  
162 101.6 84.8 127.2  
160 54.2 46.1 69.1



#14  
2,4,6-Tribromophenol  
Concen: 0.075 ng  
RT: 15.957 min Scan# 1589  
Delta R.T. -0.012 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Tgt Ion:330 Resp: 297  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.2 115.8  
141 42.8 37.2 55.8

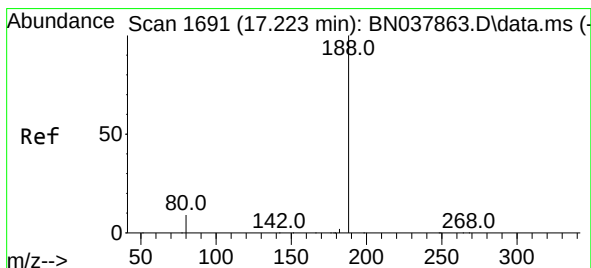
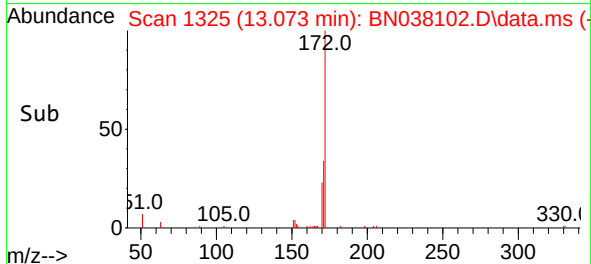
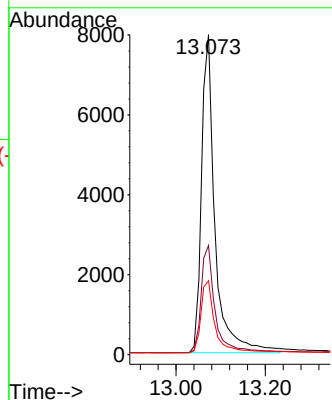
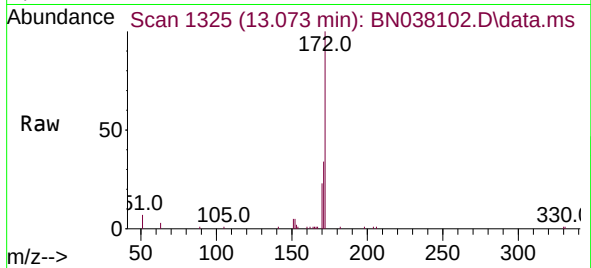




#15  
2-Fluorobiphenyl  
Concen: 0.392 ng  
RT: 13.073 min Scan# 1327  
Delta R.T. -0.021 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

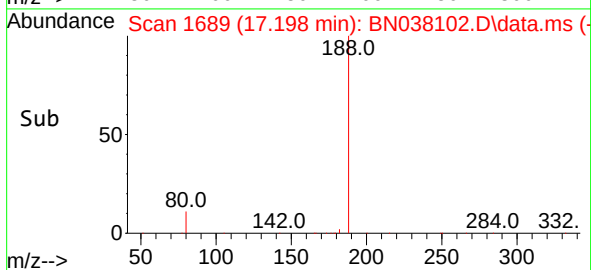
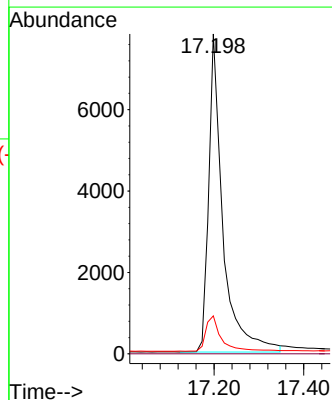
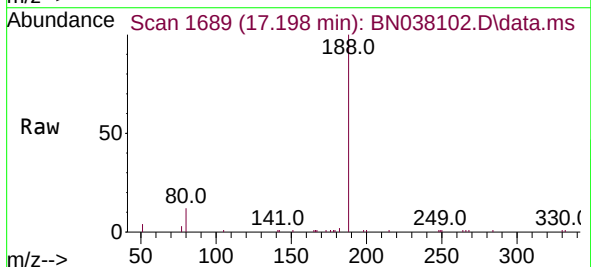
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ClientSampleId :  
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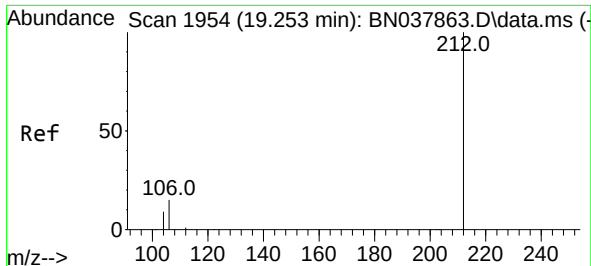
Tgt Ion:172 Resp: 16676  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.6 43.0  
170 23.1 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.198 min Scan# 1689  
Delta R.T. -0.025 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Tgt Ion:188 Resp: 17174  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.9 7.6 11.4

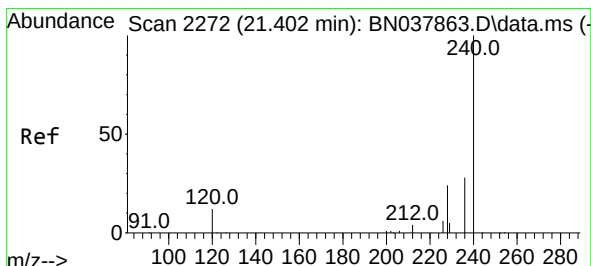
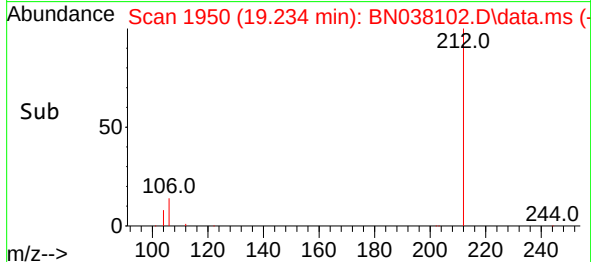
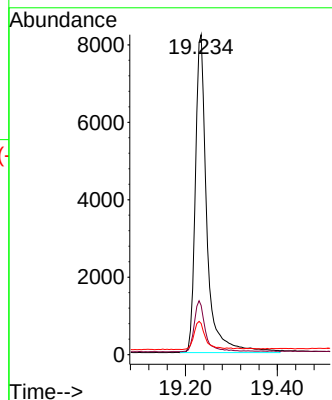
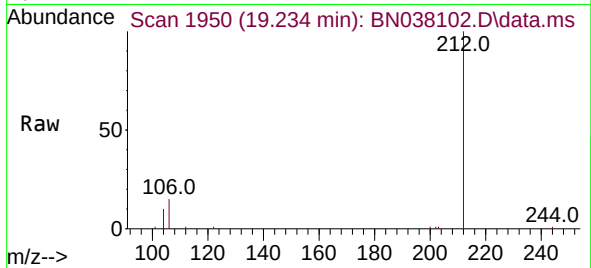




#27  
Fluoranthene-d10  
Concen: 0.330 ng  
RT: 19.234 min Scan# 19  
Delta R.T. -0.019 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

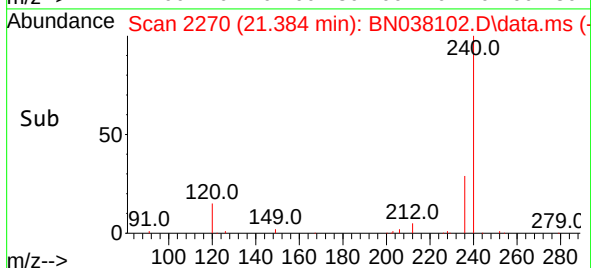
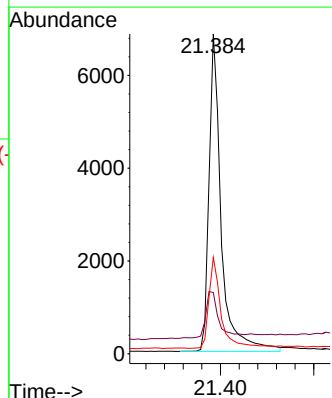
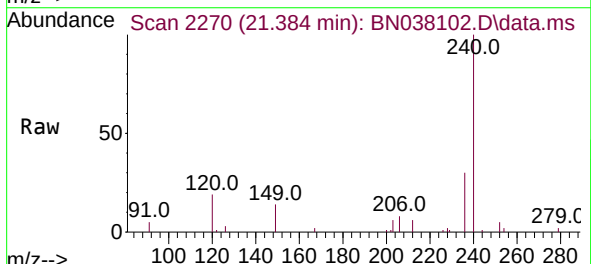
Instrument :  
BNA\_N  
ClientSampleId :  
PB170167BL

Tgt Ion:212 Resp: 14269  
Ion Ratio Lower Upper  
212 100  
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104 8.7 7.4 11.0

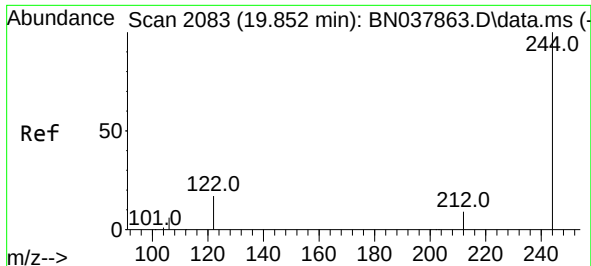


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.384 min Scan# 2270  
Delta R.T. -0.018 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Tgt Ion:240 Resp: 12295  
Ion Ratio Lower Upper  
240 100  
120 19.2 11.4 17.2#  
236 30.1 23.0 34.6



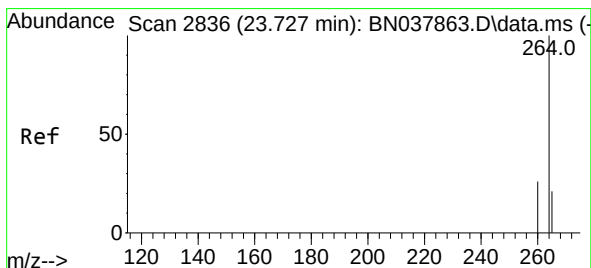
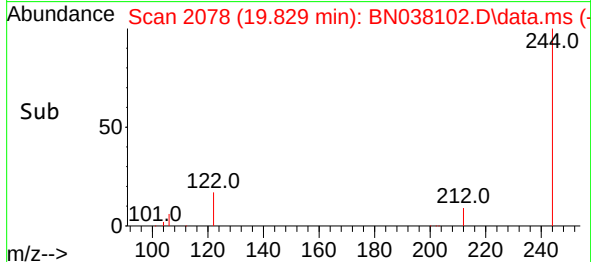
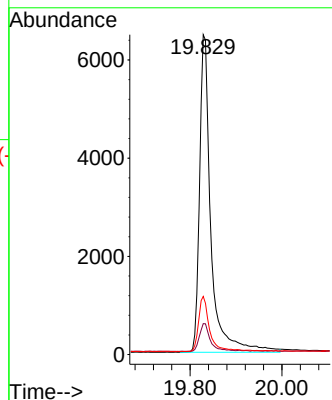
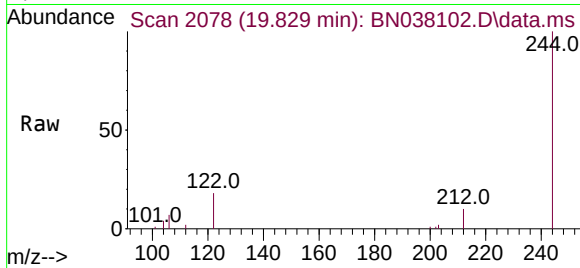




#31  
Terphenyl-d14  
Concen: 0.454 ng  
RT: 19.829 min Scan# 2083  
Delta R.T. -0.023 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Instrument :  
BNA\_N  
ClientSampleId :  
PB170167BL

Tgt Ion:244 Resp: 11129  
Ion Ratio Lower Upper  
244 100  
212 9.7 7.6 11.4  
122 18.2 13.9 20.9



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.701 min Scan# 2827  
Delta R.T. -0.026 min  
Lab File: BN038102.D  
Acq: 20 Oct 2025 17:56

Tgt Ion:264 Resp: 12453  
Ion Ratio Lower Upper  
264 100  
260 27.2 21.5 32.3  
265 114.8 53.8 80.6#

