

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
 Data File : BN038340.D  
 Acq On : 12 Dec 2025 06:02  
 Operator : RC/JU  
 Sample : Q3788-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TA-BR-05-465-120525

Quant Time: Dec 12 07:09:01 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

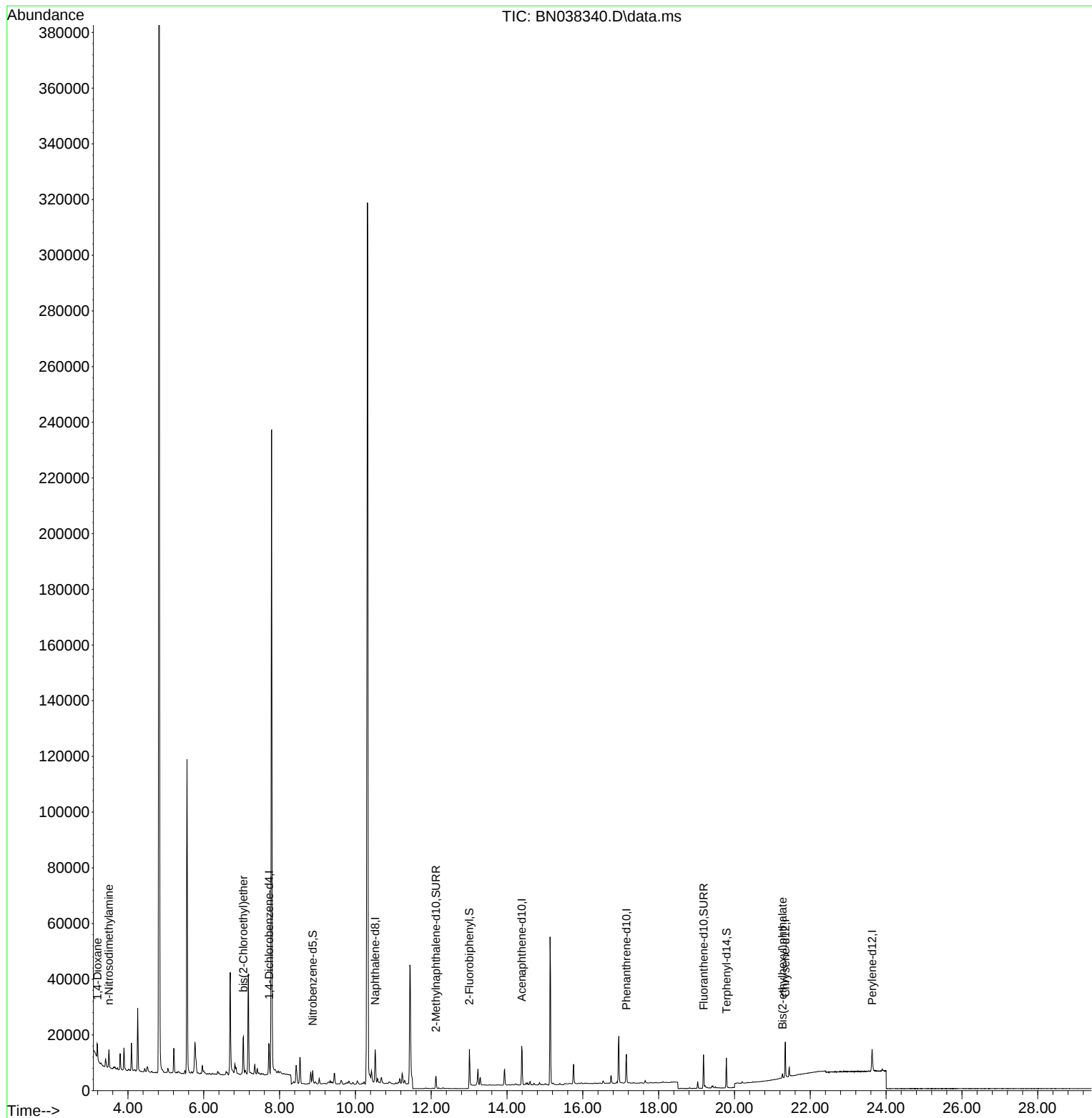
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 5725     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 15596    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.387 | 164  | 7934     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.148 | 188  | 14347    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.339 | 240  | 11335    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.630 | 264  | 11188    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.269  | 112  | 16       | 0.001 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.894  | 99   | 37       | 0.002 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 3498     | 0.266 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 6033     | 0.274 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.895 | 330  | 8        | 0.002 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 11656    | 0.305 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.183 | 212  | 12667    | 0.357 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.787 | 244  | 9824     | 0.388 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.196  | 88   | 2326     | 0.354 | ng    | # 39     |
| 3) n-Nitrosodimethylamine     | 3.499  | 42   | 806      | 0.098 | ng    | # 22     |
| 6) bis(2-Chloroethyl)ether    | 7.045  | 93   | 20817    | 1.255 | ng    | # 26     |
| 34) Bis(2-ethylhexyl)phtha... | 21.268 | 149  | 1365     | 0.057 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

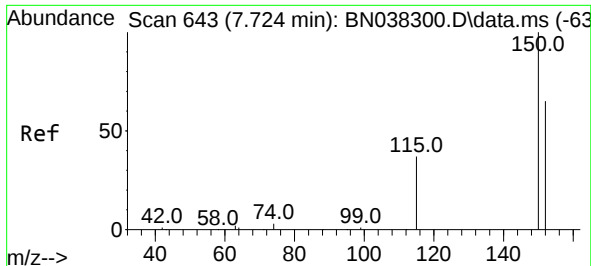
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
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Misc :  
ALS Vial : 30 Sample Multiplier: 1

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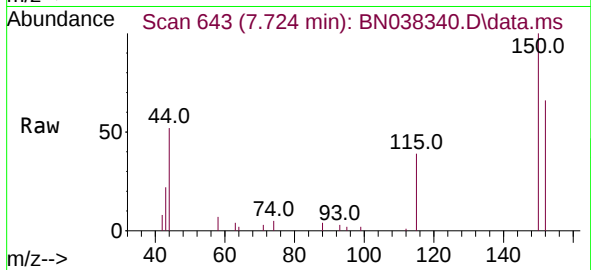
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration





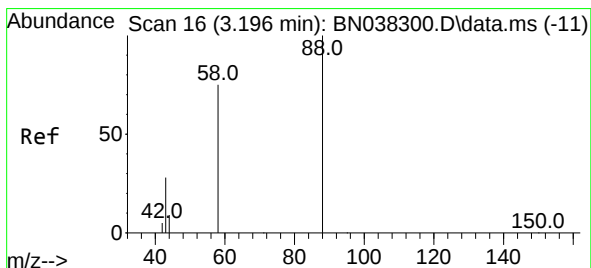
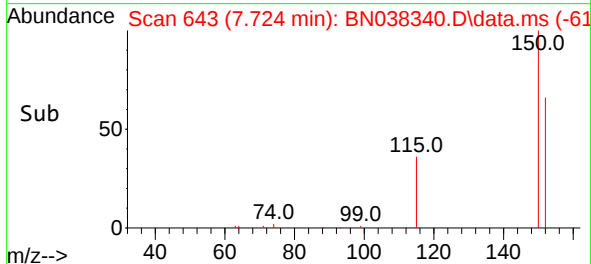
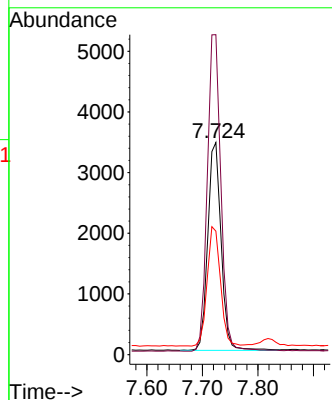
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN038340.D  
 Acq: 12 Dec 2025 06:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TA-BR-05-465-120525



Tgt Ion:152 Resp: 5725

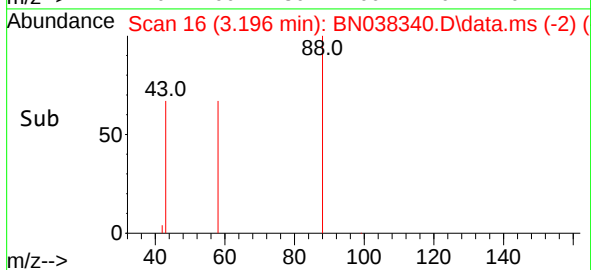
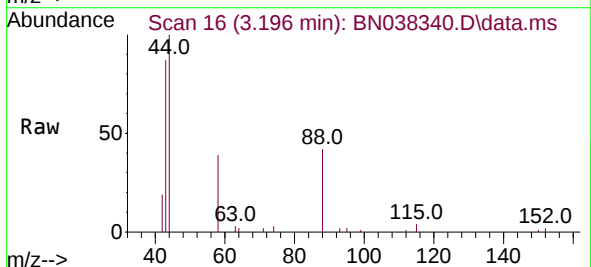
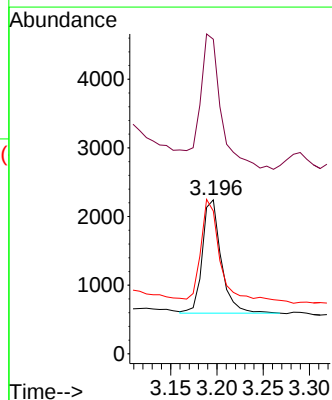
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 150.8 | 122.4 | 183.6 |
| 115 | 58.2  | 47.3  | 70.9  |

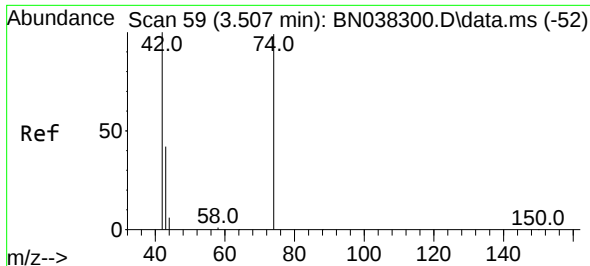


#2  
 1,4-Dioxane  
 Concen: 0.354 ng  
 RT: 3.196 min Scan# 16  
 Delta R.T. -0.000 min  
 Lab File: BN038340.D  
 Acq: 12 Dec 2025 06:02

Tgt Ion: 88 Resp: 2326

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 132.2 | 24.9  | 37.3# |
| 58  | 86.8  | 61.4  | 92.0  |

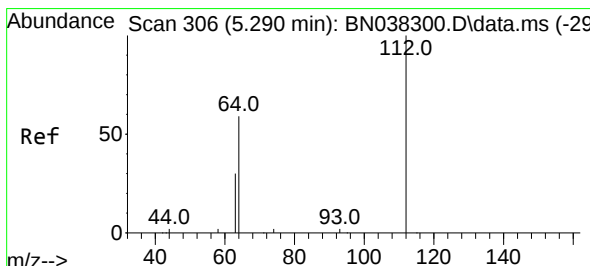
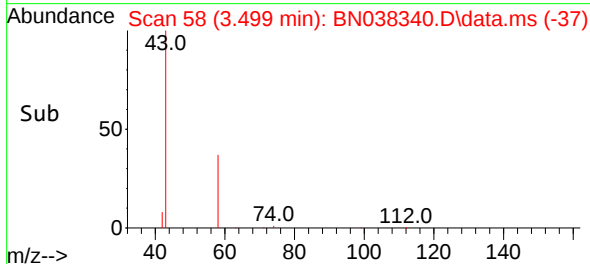
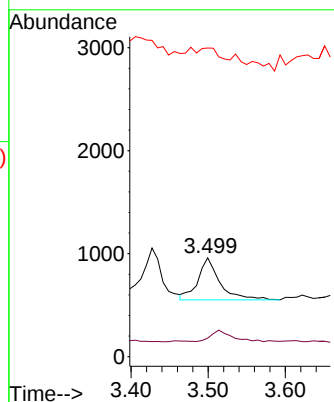
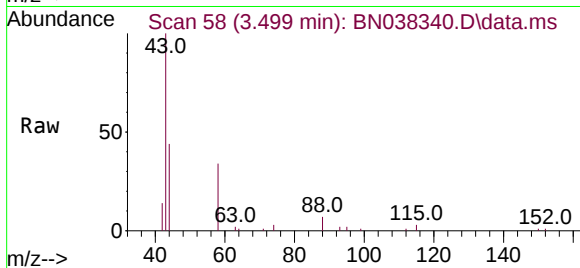




#3  
n-Nitrosodimethylamine  
Concen: 0.098 ng  
RT: 3.499 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

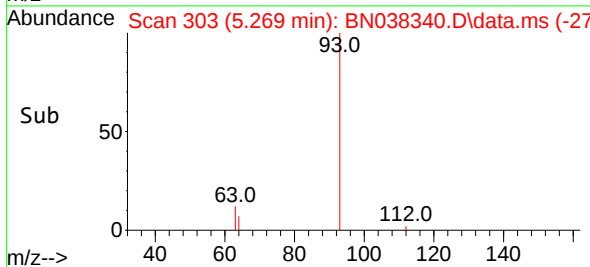
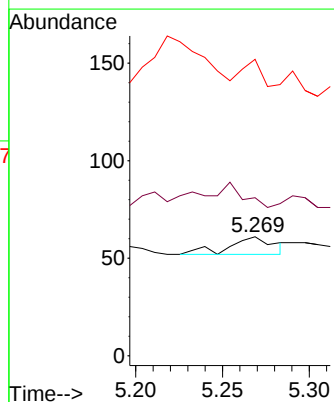
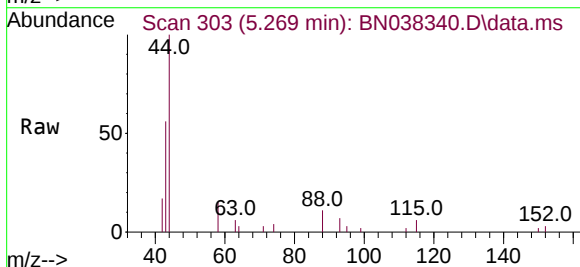
Instrument :  
BNA\_N  
ClientSampleId :  
TA-BR-05-465-120525

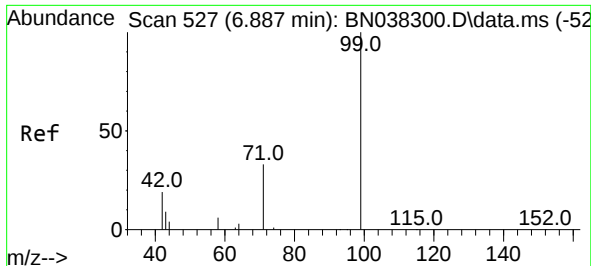
Tgt Ion: 42 Resp: 806  
Ion Ratio Lower Upper  
42 100  
74 28.4 95.3 142.9#  
44 0.0 7.9 11.9#



#4  
2-Fluorophenol  
Concen: 0.001 ng  
RT: 5.269 min Scan# 303  
Delta R.T. -0.022 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

Tgt Ion: 112 Resp: 16  
Ion Ratio Lower Upper  
112 100  
64 193.8 44.4 66.6#  
63 143.8 23.4 35.0#

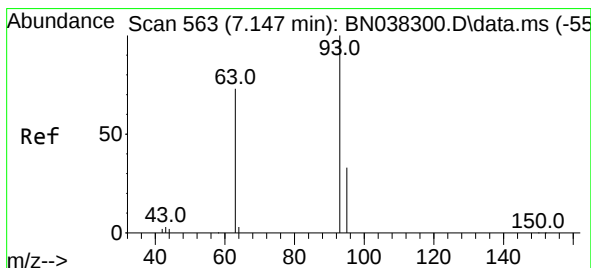
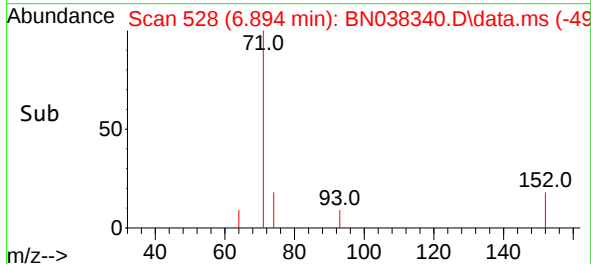
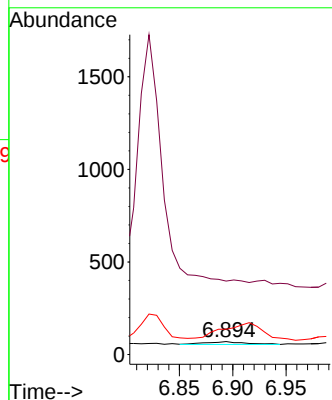
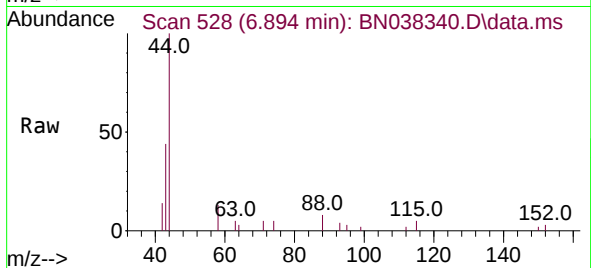




#5  
Phenol-d6  
Concen: 0.002 ng  
RT: 6.894 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

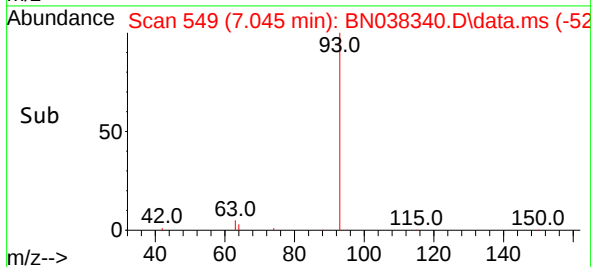
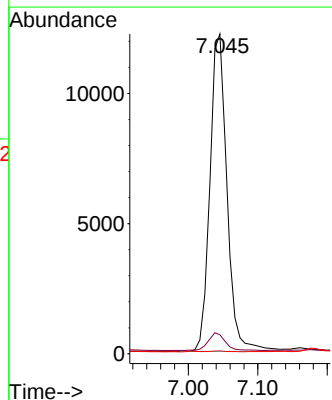
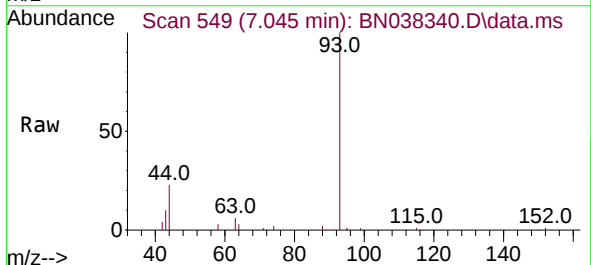
Instrument :  
BNA\_N  
ClientSampleId :  
TA-BR-05-465-120525

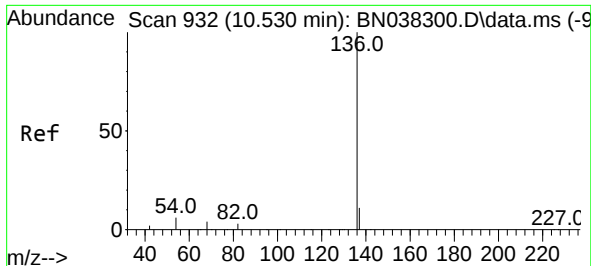
Tgt Ion: 99 Resp: 37  
Ion Ratio Lower Upper  
99 100  
42 0.0 16.5 24.7#  
71 0.0 24.9 37.3#



#6  
bis(2-Chloroethyl)ether  
Concen: 1.255 ng  
RT: 7.045 min Scan# 549  
Delta R.T. -0.101 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

Tgt Ion: 93 Resp: 20817  
Ion Ratio Lower Upper  
93 100  
63 5.5 59.2 88.8#  
95 0.2 25.2 37.8#

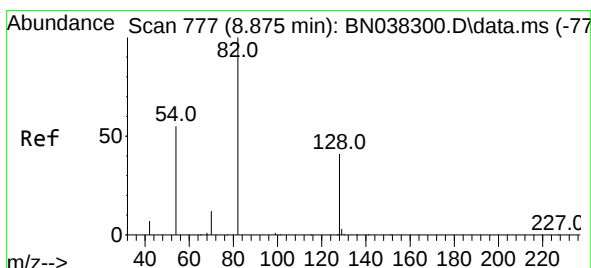
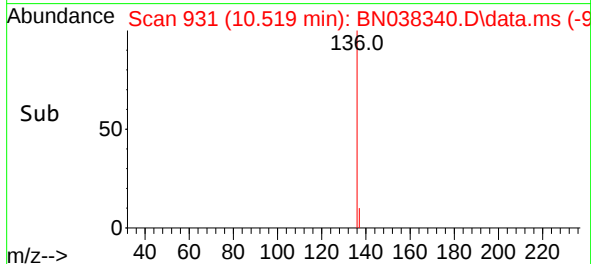
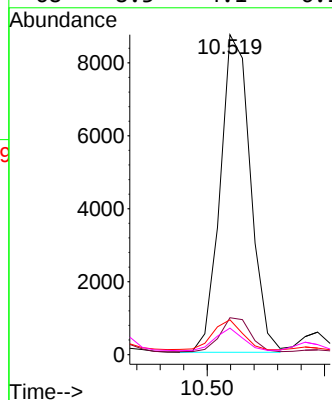
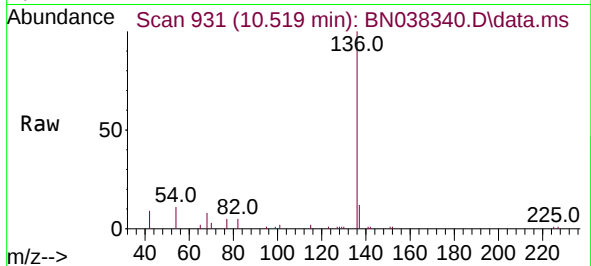




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 931  
Delta R.T. -0.011 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

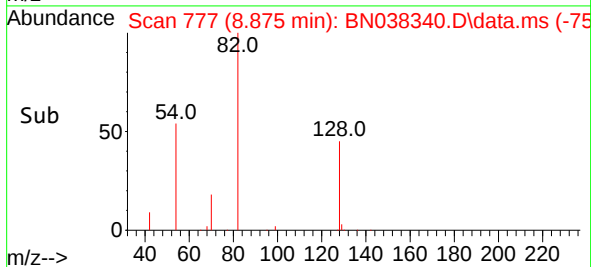
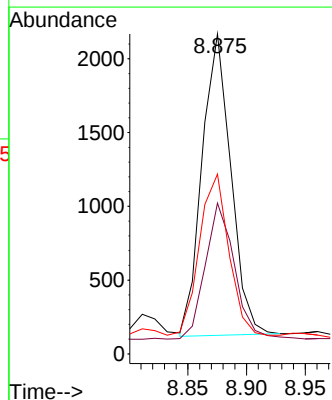
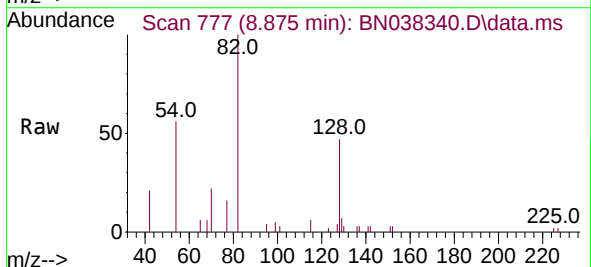
Instrument :  
BNA\_N  
ClientSampleId :  
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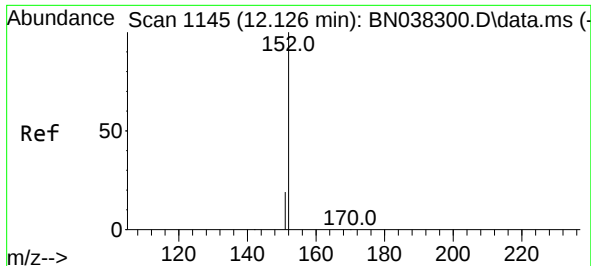
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 15596 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.1   | 13.7  |
| 54       | 10.9  | 5.2   | 7.8#  |
| 68       | 8.3   | 4.1   | 6.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.266 ng  
RT: 8.875 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3498  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.1  | 34.0  | 51.0  |
| 54       | 56.2  | 44.4  | 66.6  |

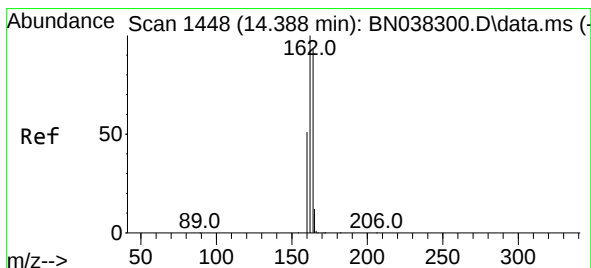
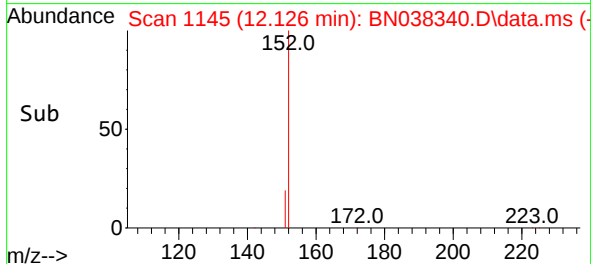
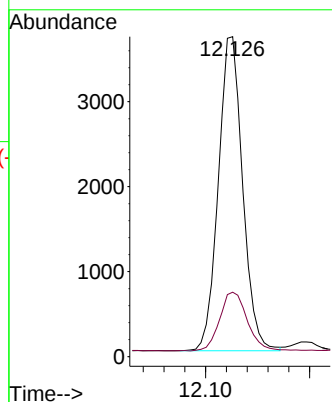
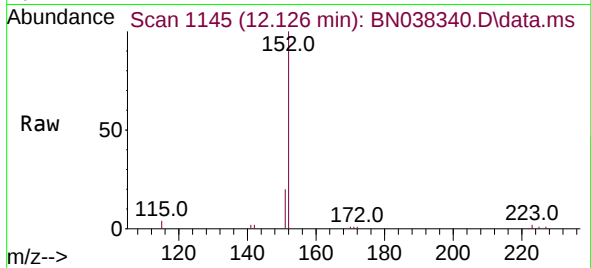




#11  
2-Methylnaphthalene-d10  
Concen: 0.274 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

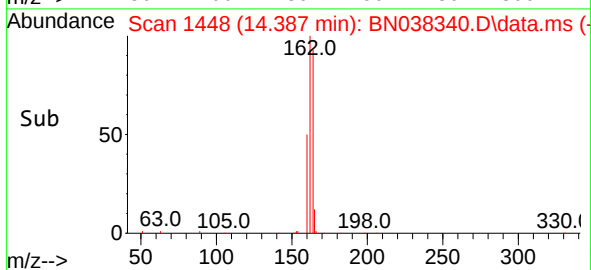
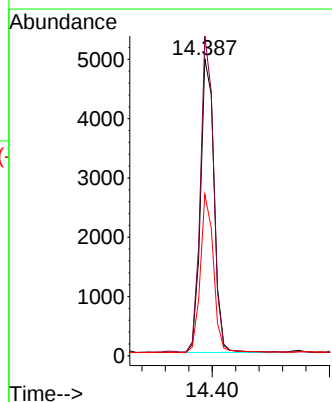
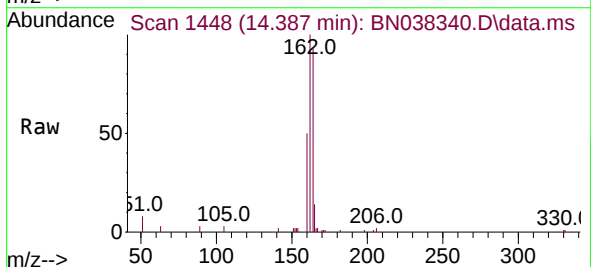
Instrument :  
BNA\_N  
ClientSampleId :  
TA-BR-05-465-120525

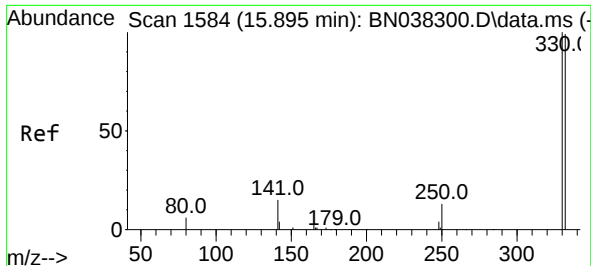
Tgt Ion:152 Resp: 6033  
Ion Ratio Lower Upper  
152 100  
151 21.4 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.387 min Scan# 1448  
Delta R.T. -0.011 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

Tgt Ion:164 Resp: 7934  
Ion Ratio Lower Upper  
164 100  
162 107.8 86.2 129.4  
160 54.4 44.6 67.0

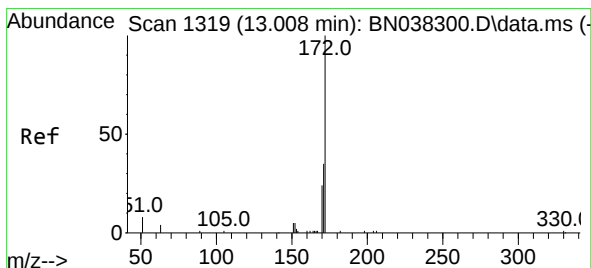
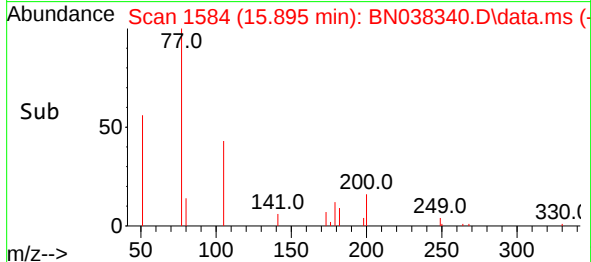
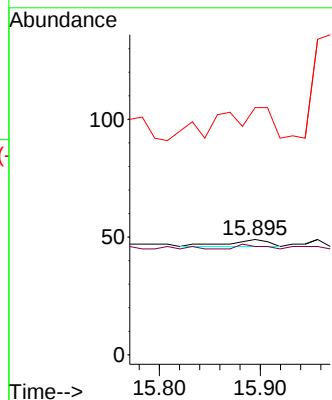
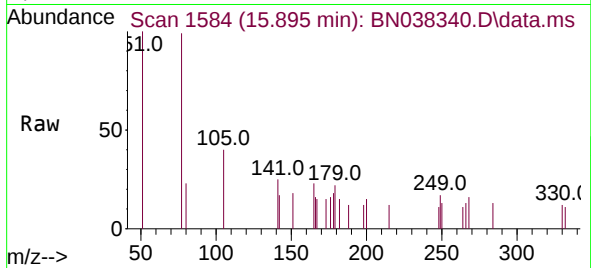




#14  
2,4,6-Tribromophenol  
Concen: 0.002 ng  
RT: 15.895 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

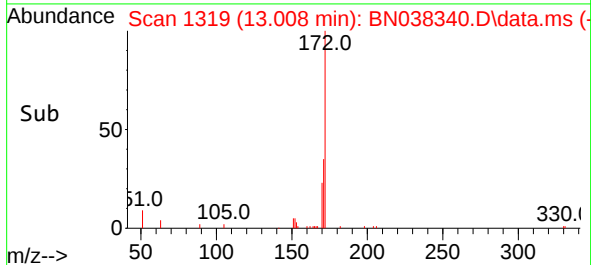
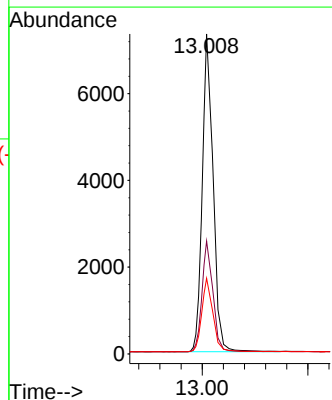
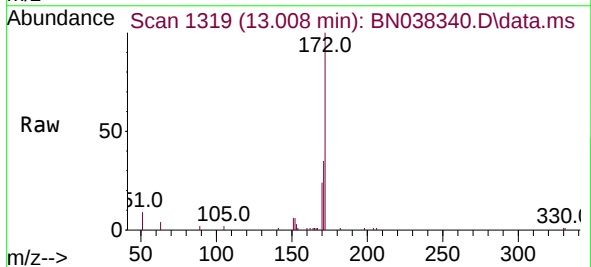
Instrument :  
BNA\_N  
ClientSampleId :  
TA-BR-05-465-120525

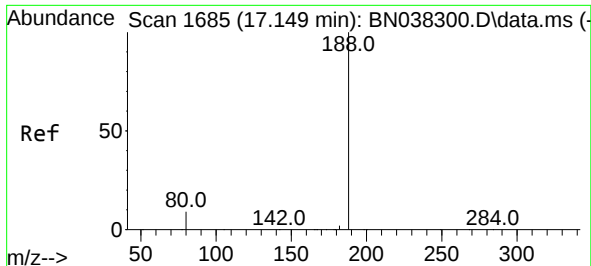
Tgt Ion:330 Resp: 8  
Ion Ratio Lower Upper  
330 100  
332 37.5 75.8 113.6#  
141 0.0 31.8 47.8#



#15  
2-Fluorobiphenyl  
Concen: 0.305 ng  
RT: 13.008 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

Tgt Ion:172 Resp: 11656  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 42.8  
170 23.6 19.3 28.9

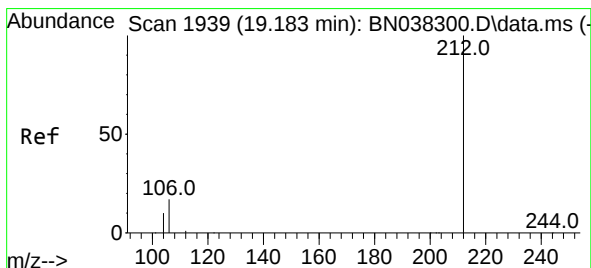
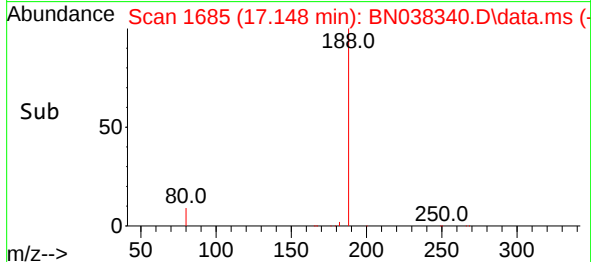
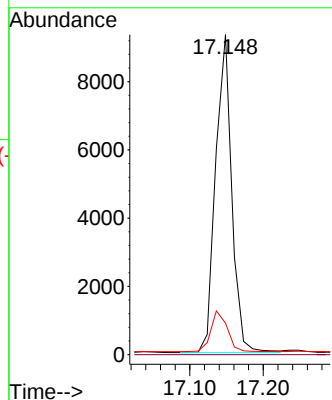
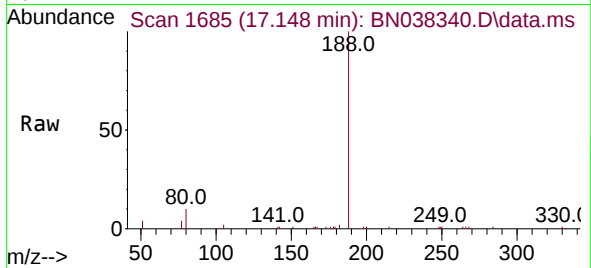




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.148 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

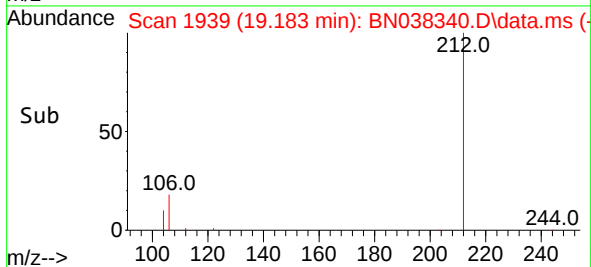
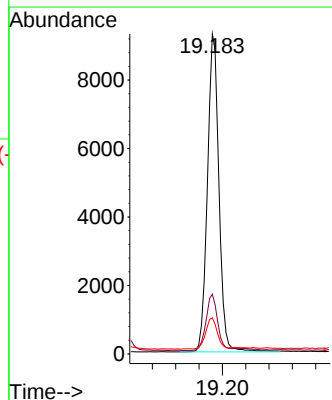
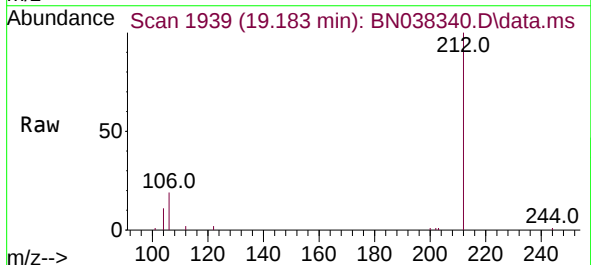
Instrument :  
BNA\_N  
ClientSampleId :  
TA-BR-05-465-120525

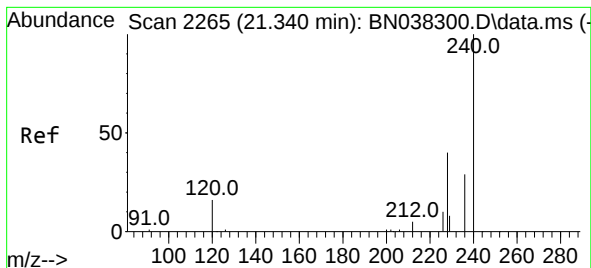
Tgt Ion:188 Resp: 14347  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.9 7.4 11.0



#27  
Fluoranthene-d10  
Concen: 0.357 ng  
RT: 19.183 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BN038340.D  
Acq: 12 Dec 2025 06:02

Tgt Ion:212 Resp: 12667  
Ion Ratio Lower Upper  
212 100  
106 17.8 13.7 20.5  
104 10.0 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

Instrument :

BNA\_N

ClientSampleId :

TA-BR-05-465-120525

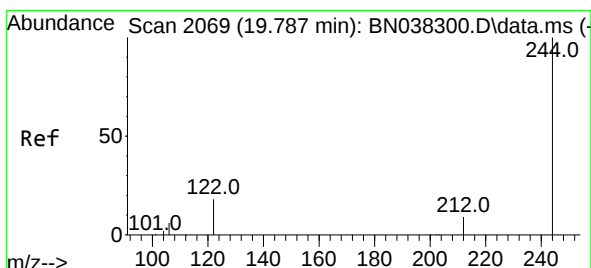
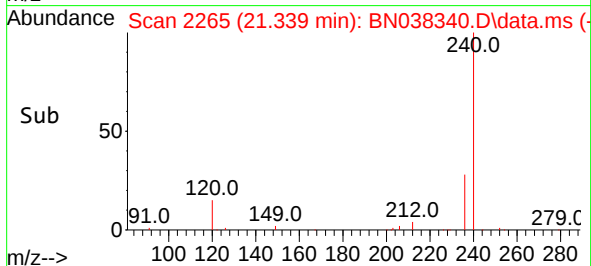
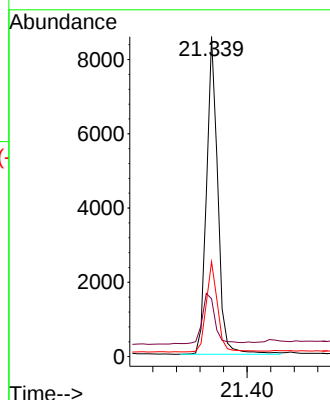
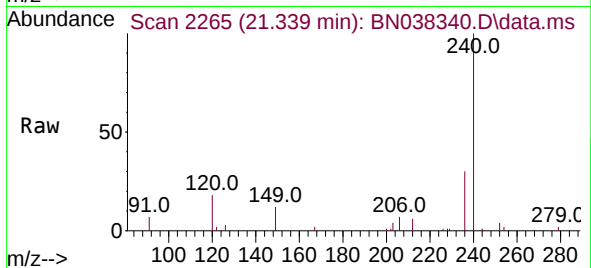
Tgt Ion:240 Resp: 11335

Ion Ratio Lower Upper

240 100

120 18.1 15.4 23.2

236 29.6 23.9 35.9



#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

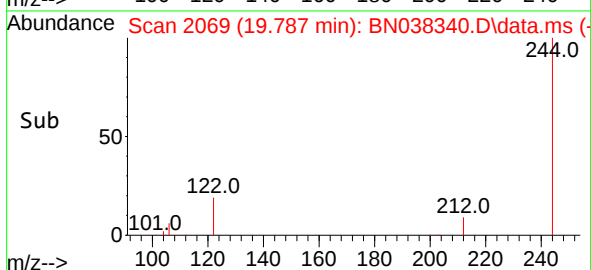
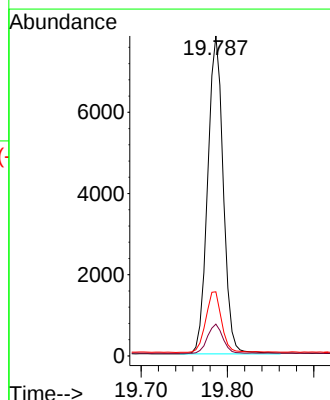
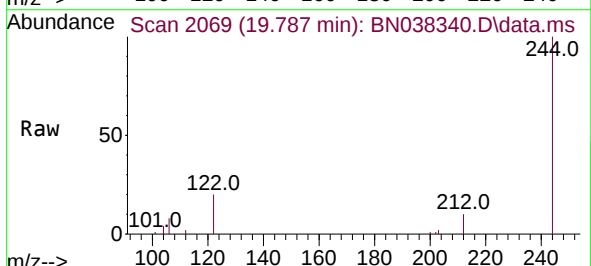
Tgt Ion:244 Resp: 9824

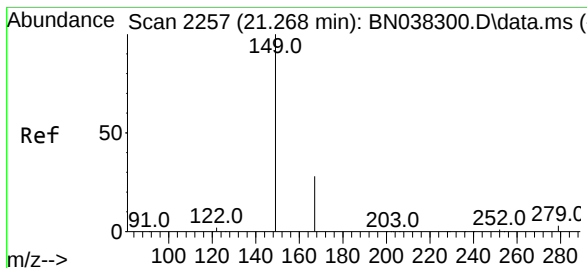
Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

122 20.0 15.0 22.6

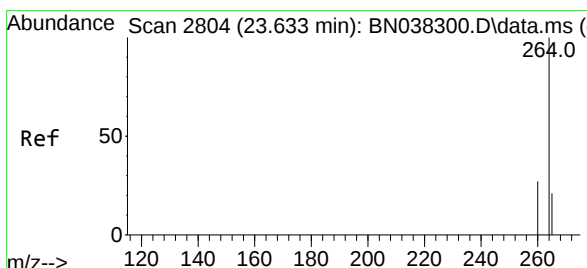
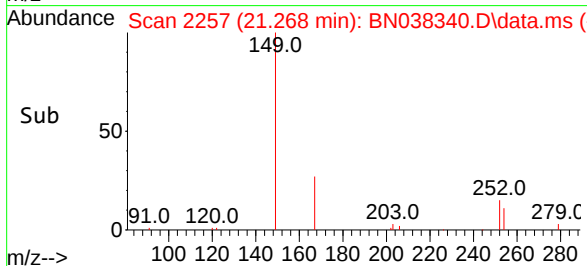
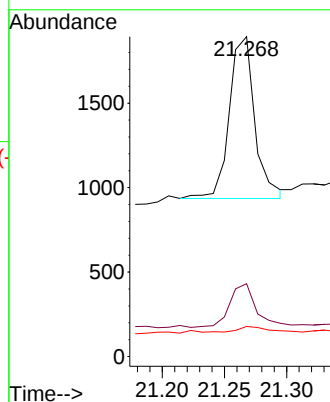
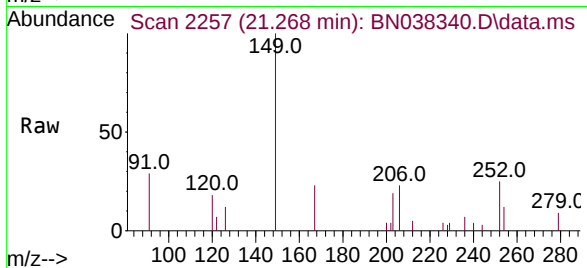




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.057 ng  
 RT: 21.268 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN038340.D  
 Acq: 12 Dec 2025 06:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TA-BR-05-465-120525

Tgt Ion:149 Resp: 1365  
 Ion Ratio Lower Upper  
 149 100  
 167 29.5 21.4 32.0  
 279 4.3 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.630 min Scan# 2803  
 Delta R.T. -0.003 min  
 Lab File: BN038340.D  
 Acq: 12 Dec 2025 06:02

Tgt Ion:264 Resp: 11188  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 22.2 33.2  
 265 102.7 80.2 120.2

