

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
 Data File : BN038334.D  
 Acq On : 12 Dec 2025 02:25  
 Operator : RC/JU  
 Sample : Q3788-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-135-120525

Quant Time: Dec 12 04:17:38 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

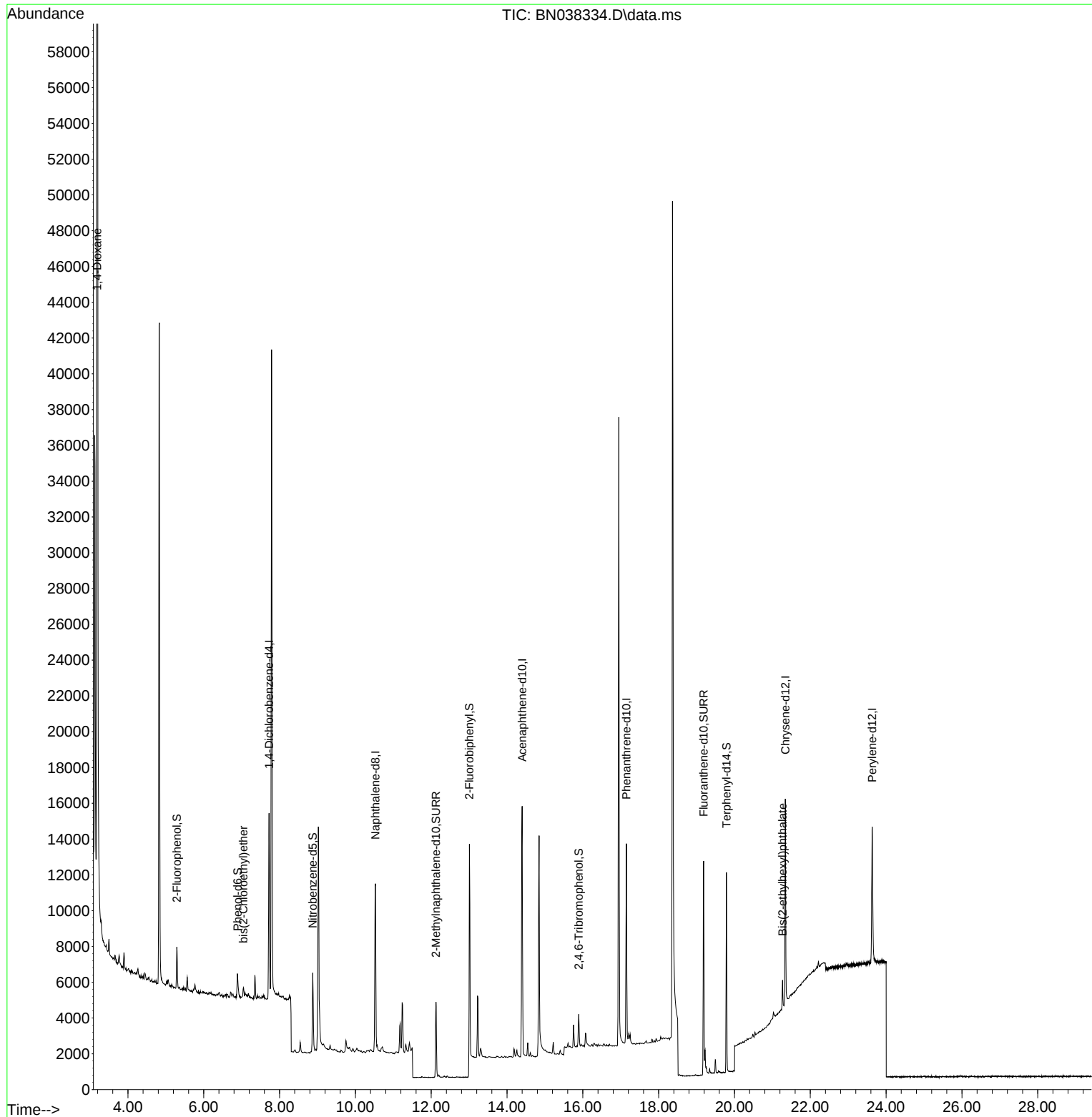
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 5197     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 13973    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.398 | 164  | 7503     | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.148 | 188  | 14344    | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.339 | 240  | 10965    | 0.400  | ng    | 0.00     |
| 35) Perylene-d12              | 23.633 | 264  | 10923    | 0.400  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 1875     | 0.145  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.894  | 99   | 1342     | 0.087  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 3801     | 0.322  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 5874     | 0.298  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.895 | 330  | 1093     | 0.328  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 10958    | 0.303  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.187 | 212  | 12918    | 0.364  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.787 | 244  | 10198    | 0.417  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.189  | 88   | 177803   | 29.838 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.045  | 93   | 1009     | 0.067  | ng    | # 26     |
| 34) Bis(2-ethylhexyl)phtha... | 21.268 | 149  | 1697     | 0.073  | ng    | # 97     |
| -----                         |        |      |          |        |       |          |

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

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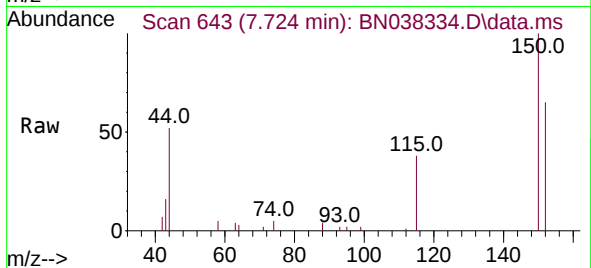
Quant Time: Dec 12 04:17:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration



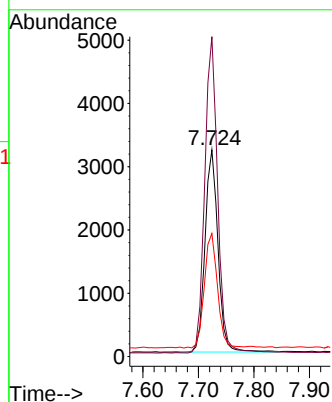
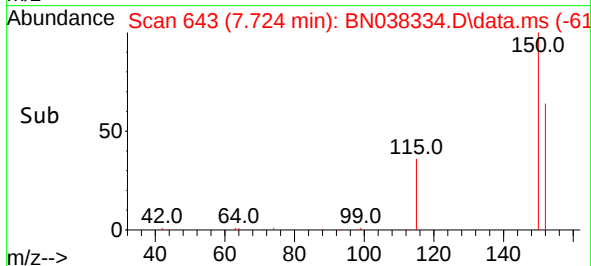


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25

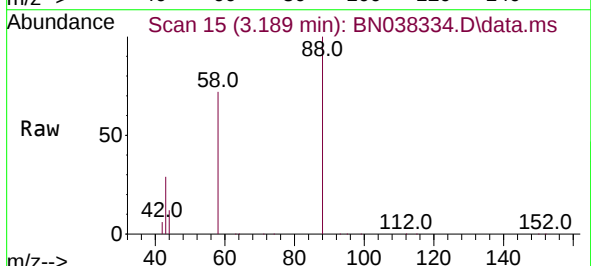
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 OWBR-05-135-120525



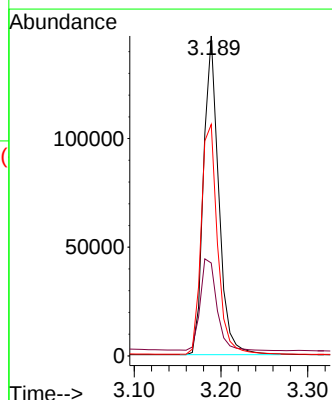
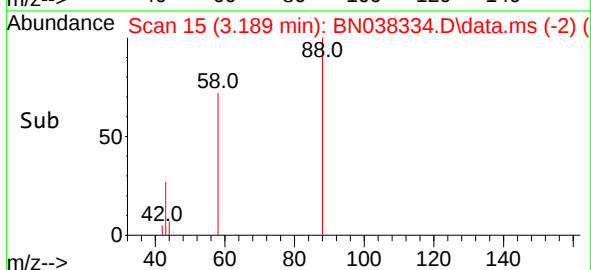
Tgt Ion:152 Resp: 5197  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 122.4 183.6  
 115 59.5 47.3 70.9

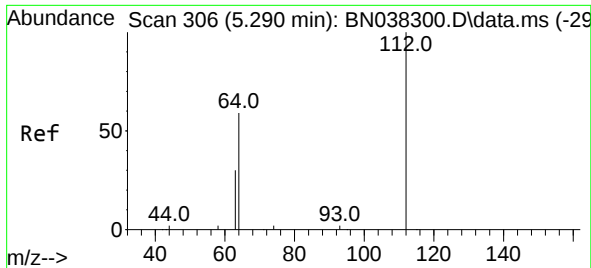


#2  
 1,4-Dioxane  
 Concen: 29.838 ng  
 RT: 3.189 min Scan# 15  
 Delta R.T. -0.007 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25



Tgt Ion: 88 Resp: 177803  
 Ion Ratio Lower Upper  
 88 100  
 43 31.4 24.9 37.3  
 58 77.6 61.4 92.0

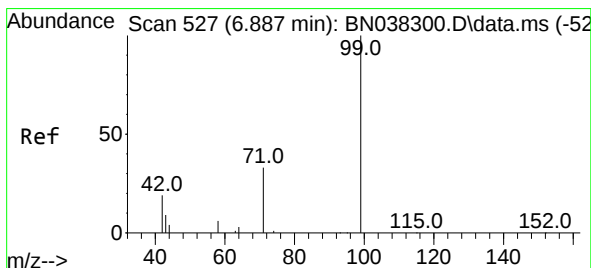
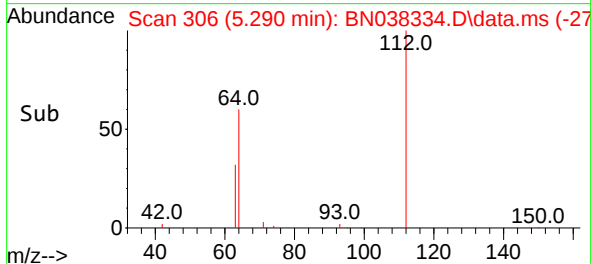
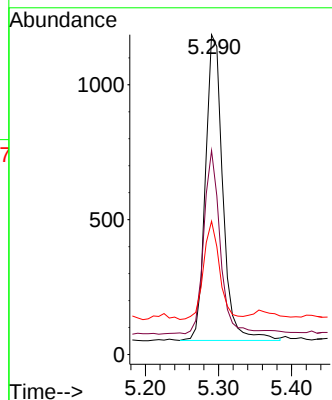
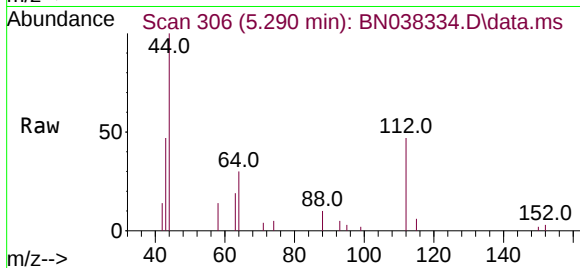




#4  
2-Fluorophenol  
Concen: 0.145 ng  
RT: 5.290 min Scan# 306  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

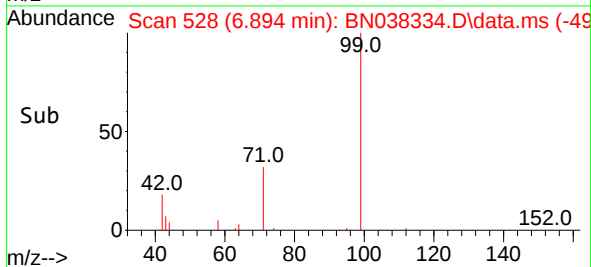
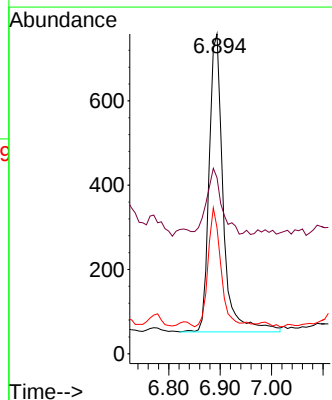
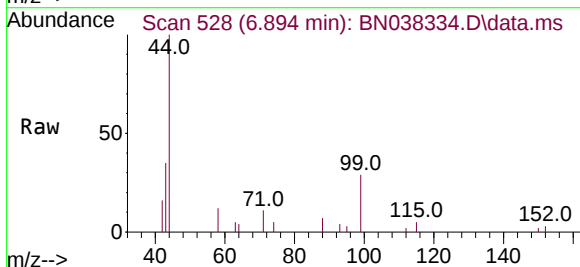
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-120525

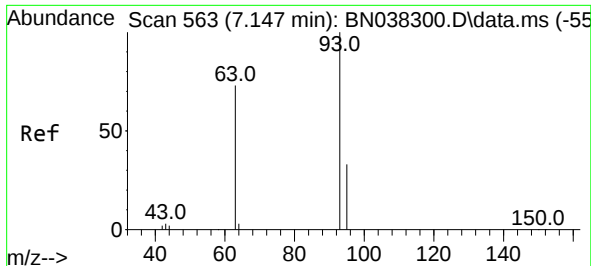
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1875  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 57.1  | 44.4  | 66.6  |
| 63       | 29.8  | 23.4  | 35.0  |



#5  
Phenol-d6  
Concen: 0.087 ng  
RT: 6.894 min Scan# 528  
Delta R.T. 0.007 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1342  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.3  | 16.5  | 24.7  |
| 71       | 37.2  | 24.9  | 37.3  |

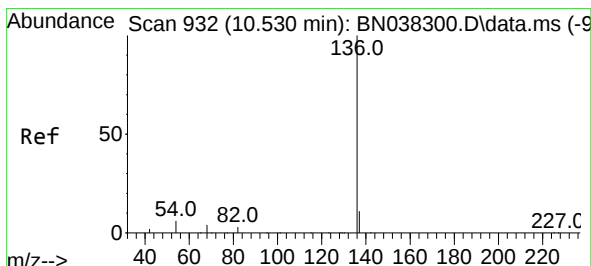
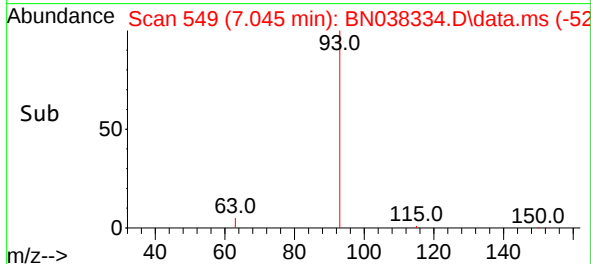
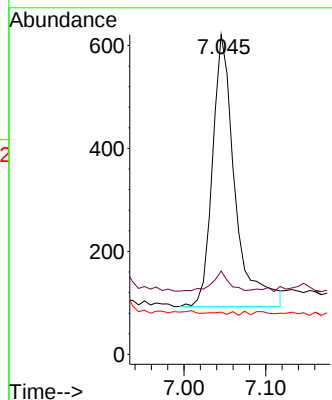
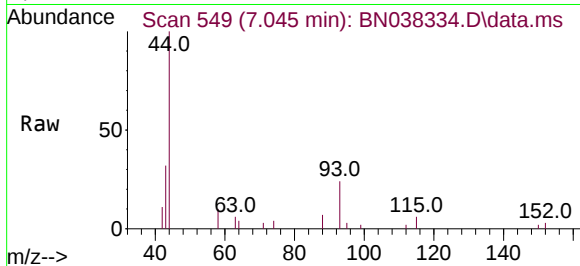




#6  
bis(2-Chloroethyl)ether  
Concen: 0.067 ng  
RT: 7.045 min Scan# 549  
Delta R.T. -0.101 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

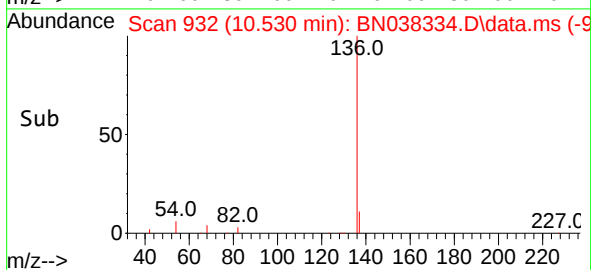
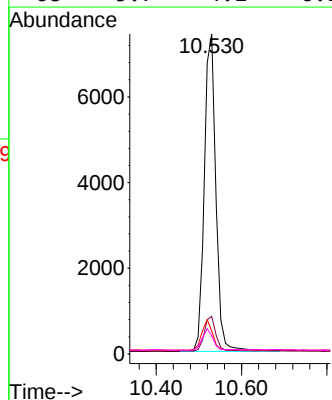
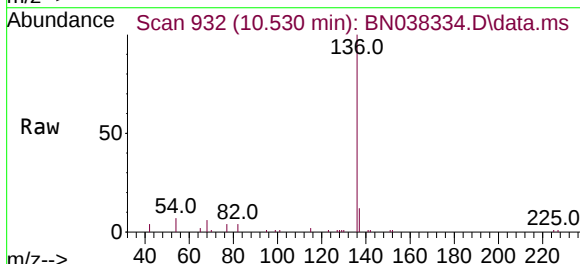
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-120525

Tgt Ion: 93 Resp: 1009  
Ion Ratio Lower Upper  
93 100  
63 5.3 59.2 88.8#  
95 0.0 25.2 37.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

Tgt Ion: 136 Resp: 13973  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.1 13.7  
54 7.1 5.2 7.8  
68 5.7 4.1 6.1

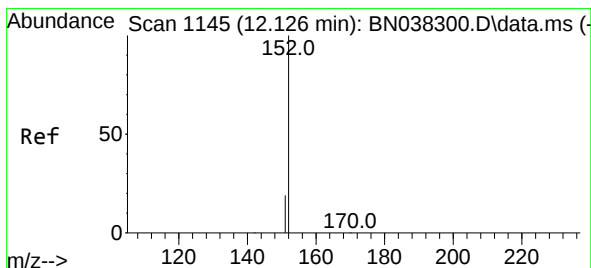
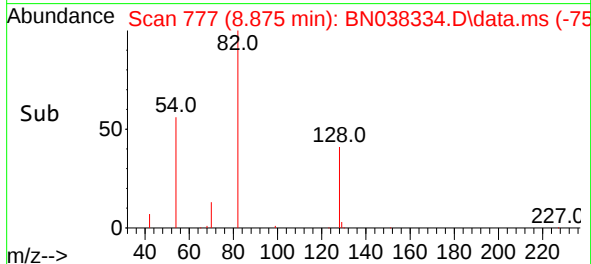
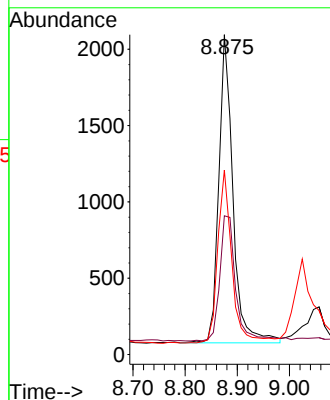
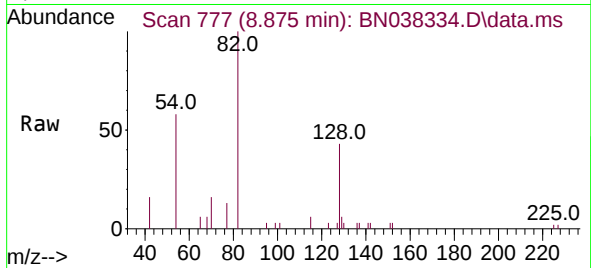




#8  
Nitrobenzene-d5  
Concen: 0.322 ng  
RT: 8.875 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

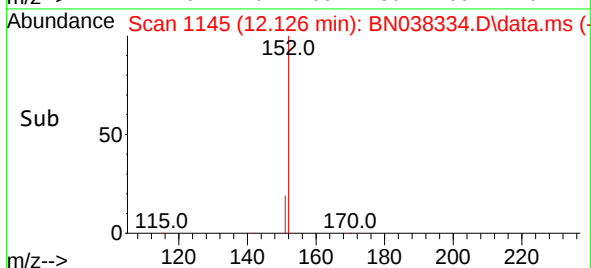
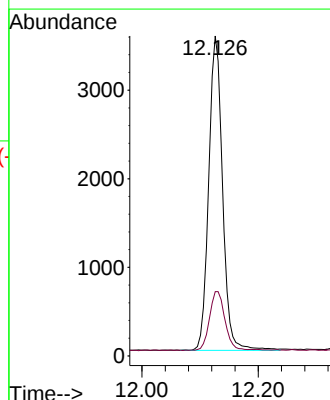
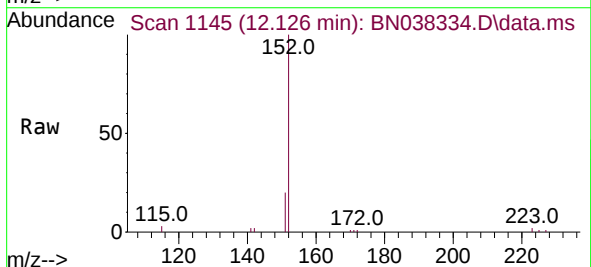
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-120525

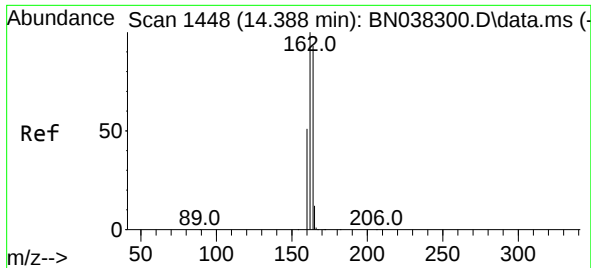
Tgt Ion: 82 Resp: 3801  
Ion Ratio Lower Upper  
82 100  
128 43.4 34.0 51.0  
54 57.7 44.4 66.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.298 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

Tgt Ion: 152 Resp: 5874  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.0 25.6

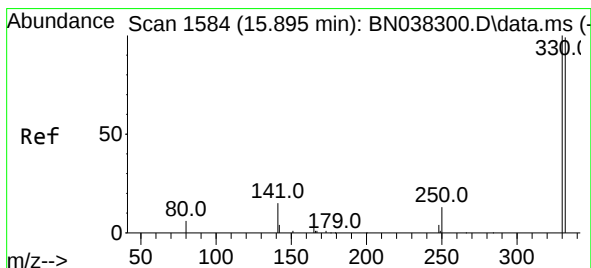
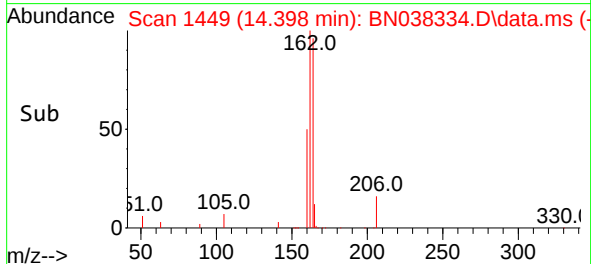
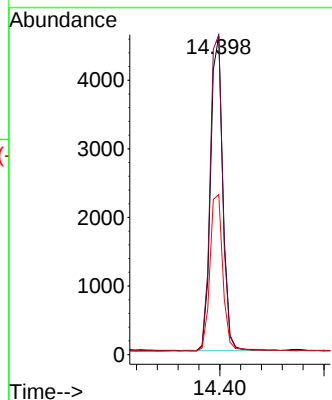
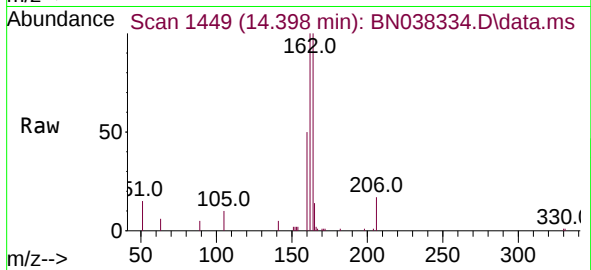




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.398 min Scan# 1448  
 Delta R.T. -0.000 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25

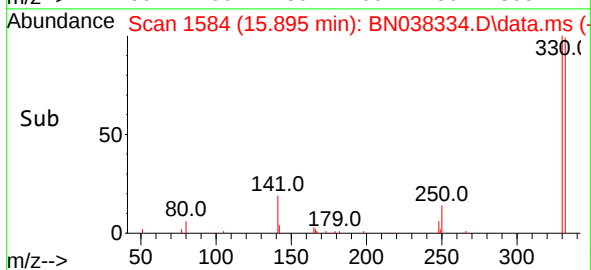
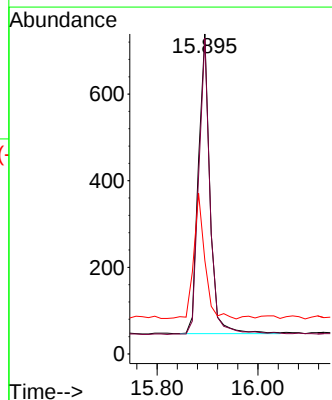
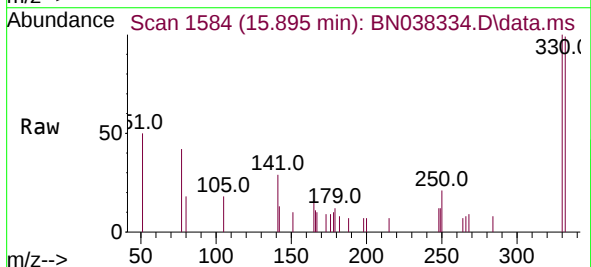
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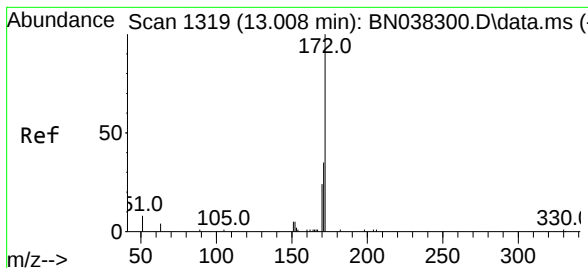
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|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 7503  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 100.5 | 86.2  | 129.4 |
| 160      | 50.2  | 44.6  | 67.0  |



#14  
 2,4,6-Tribromophenol  
 Concen: 0.328 ng  
 RT: 15.895 min Scan# 1584  
 Delta R.T. -0.000 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1093  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 97.4  | 75.8  | 113.6 |
| 141      | 40.7  | 31.8  | 47.8  |

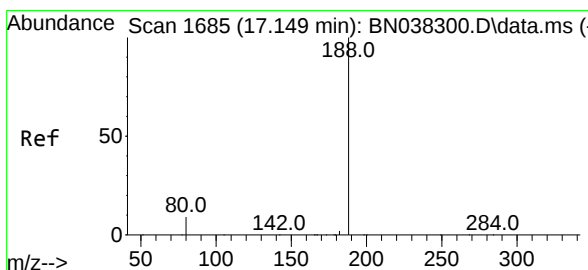
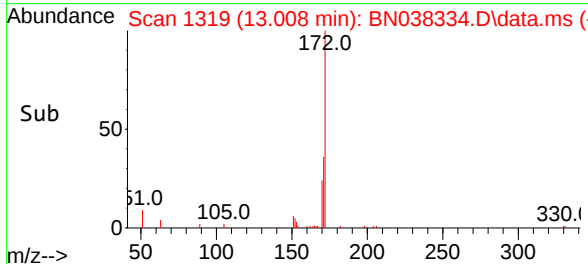
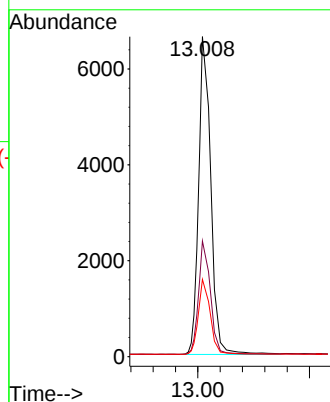
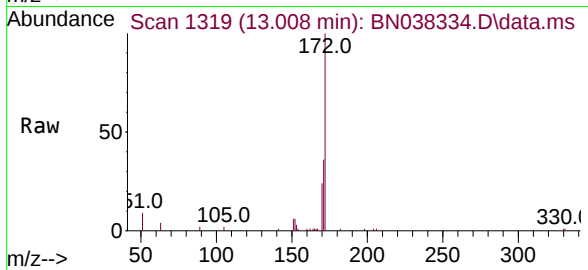




#15  
2-Fluorobiphenyl  
Concen: 0.303 ng  
RT: 13.008 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

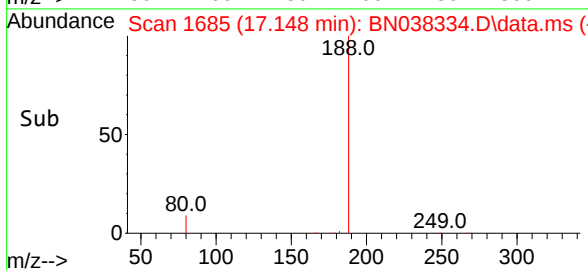
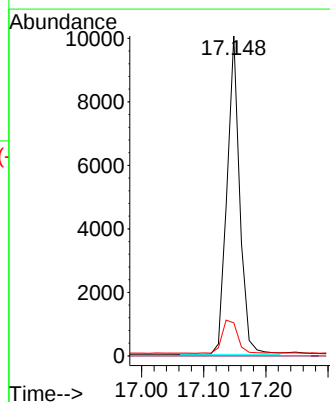
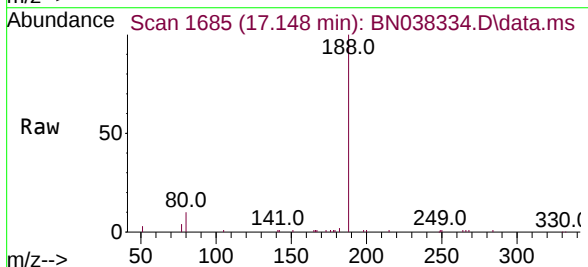
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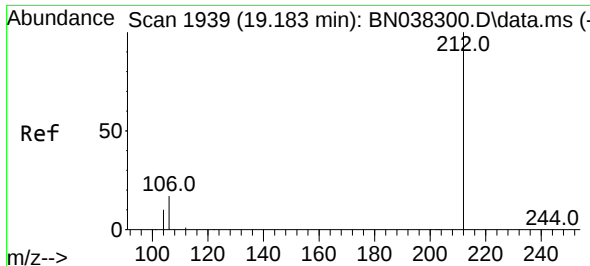
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 10958     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 36.1  | 28.6 42.8 |
| 170         | 24.1  | 19.3 28.9 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.148 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 14344    |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 10.3  | 7.4 11.0 |

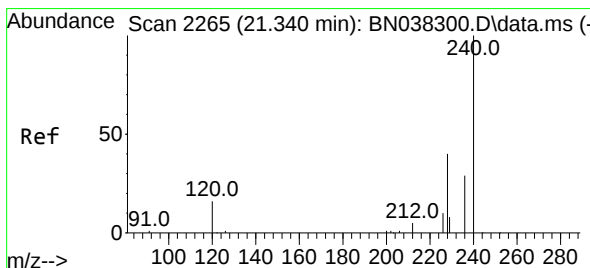
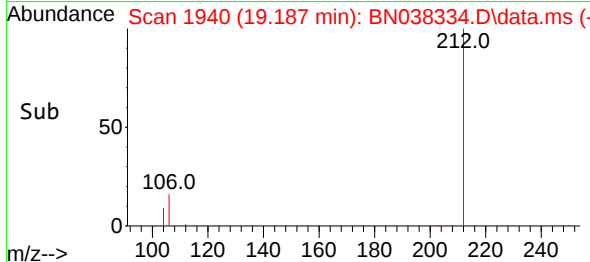
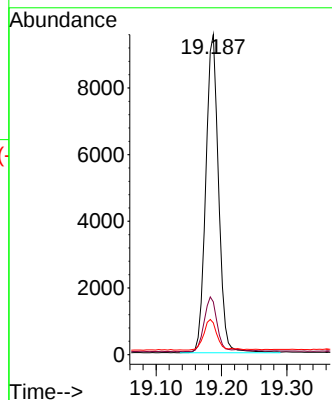
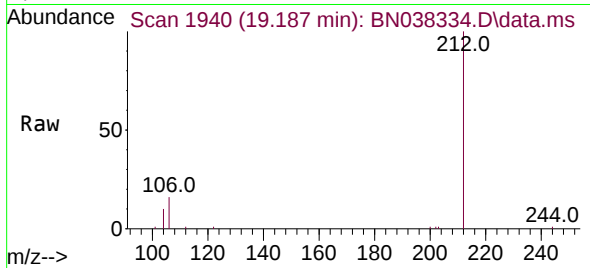




#27  
Fluoranthene-d10  
Concen: 0.364 ng  
RT: 19.187 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

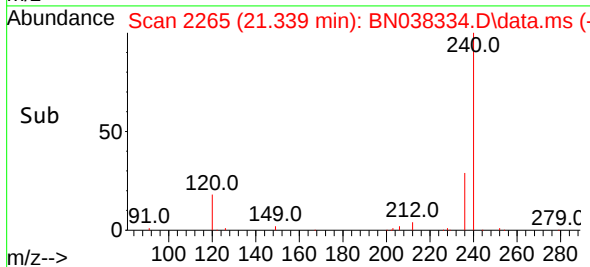
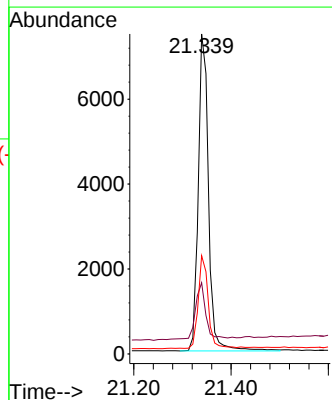
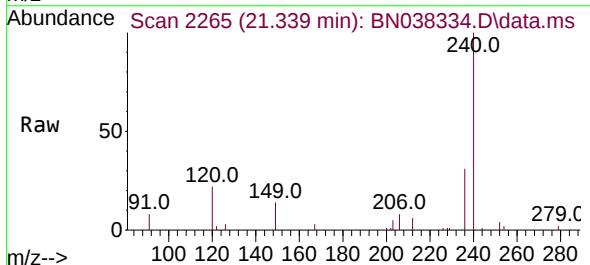
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-120525

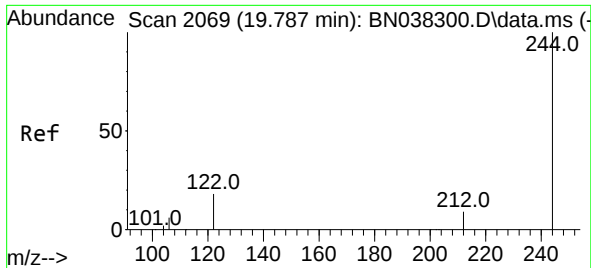
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Ion Ratio Lower Upper  
212 100  
106 17.2 13.7 20.5  
104 10.2 7.8 11.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.339 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

Tgt Ion:240 Resp: 10965  
Ion Ratio Lower Upper  
240 100  
120 22.2 15.4 23.2  
236 30.7 23.9 35.9

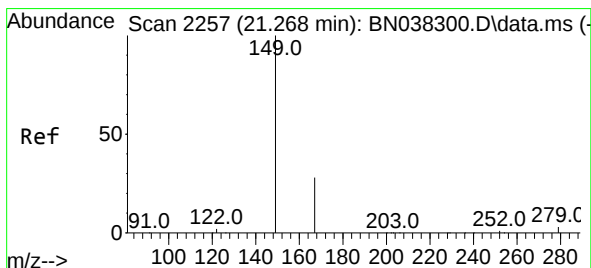
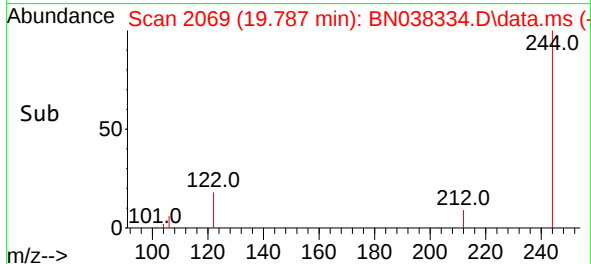
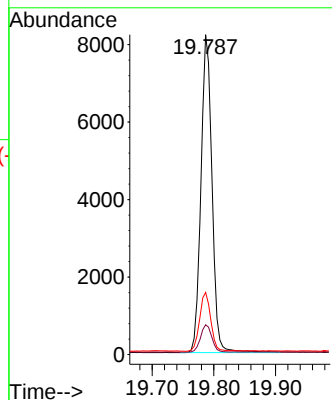
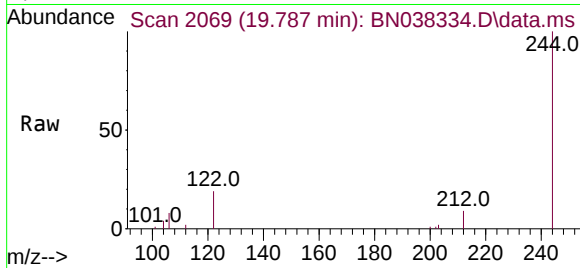




#31  
 Terphenyl-d14  
 Concen: 0.417 ng  
 RT: 19.787 min Scan# 2069  
 Delta R.T. -0.005 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25

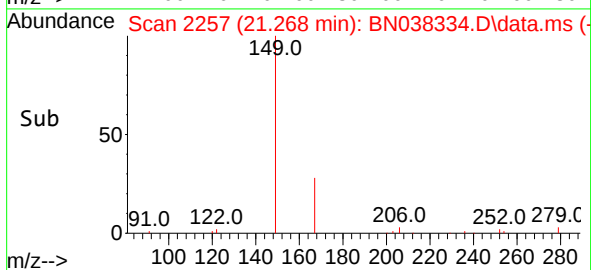
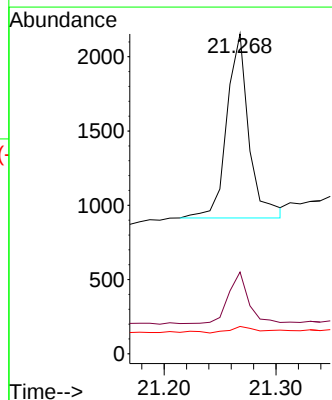
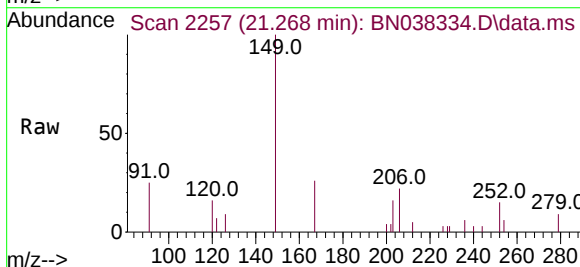
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-135-120525

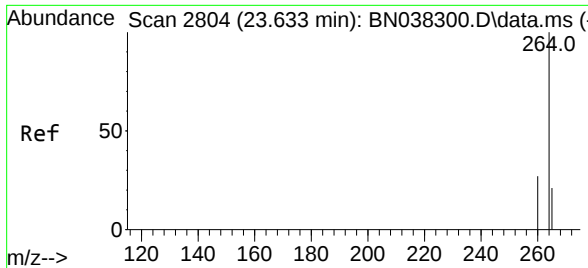
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 10198 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.3   | 7.9   | 11.9  |
| 122       | 19.4  | 15.0  | 22.6  |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.073 ng  
 RT: 21.268 min Scan# 2257  
 Delta R.T. -0.000 min  
 Lab File: BN038334.D  
 Acq: 12 Dec 2025 02:25

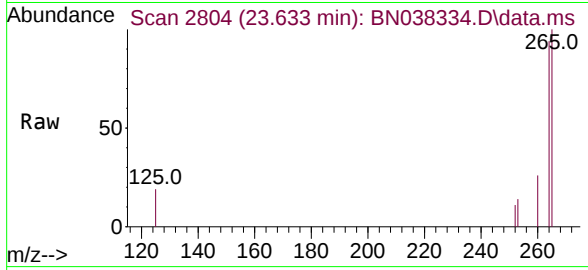
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 1697 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 25.5  | 21.4  | 32.0 |
| 279       | 4.3   | 2.4   | 3.6  |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.633 min Scan# 2804  
Delta R.T. -0.000 min  
Lab File: BN038334.D  
Acq: 12 Dec 2025 02:25

Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-120525



Tgt Ion:264 Resp: 10923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.6  | 22.2  | 33.2  |
| 265 | 106.1 | 80.2  | 120.2 |

