

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100625\  
 Data File : BN038015.D  
 Acq On : 06 Oct 2025 18:35  
 Operator : RC/JU  
 Sample : Q3194-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT192D1-20250922

Quant Time: Oct 06 19:00:20 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

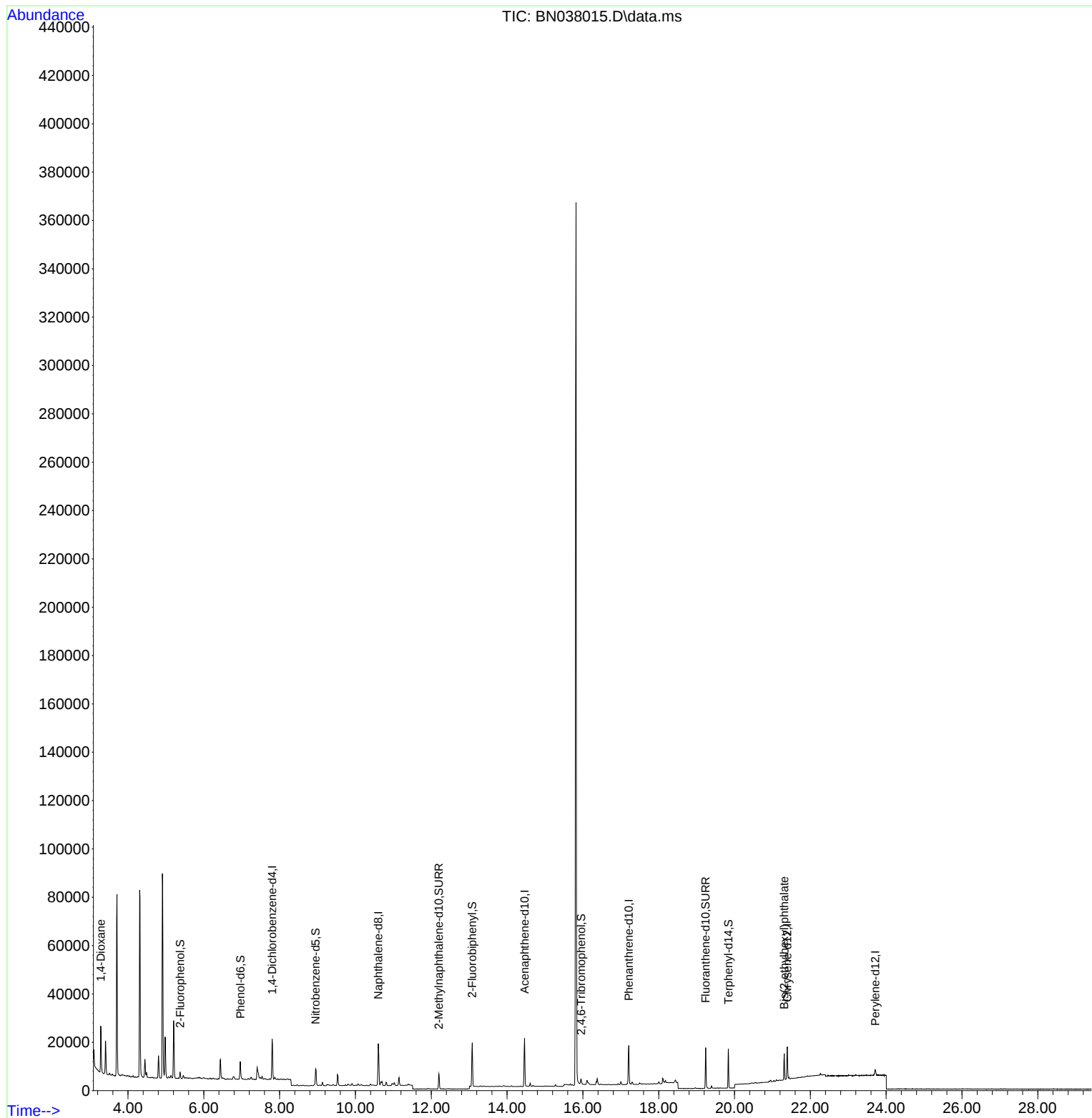
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 7823     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.605 | 136  | 22788    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.462 | 164  | 10971    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.211 | 188  | 22305    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.393 | 240  | 12979    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.712 | 264  | 3373     | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.377  | 112  | 2103     | 0.118 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.966  | 99   | 1731     | 0.074 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 5784     | 0.333 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.202 | 152  | 8565     | 0.271 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 1234     | 0.297 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.083 | 172  | 15762    | 0.351 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.239 | 212  | 17648    | 0.315 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.838 | 244  | 14563    | 0.563 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.283  | 88   | 11798    | 1.486 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 10214    | 0.569 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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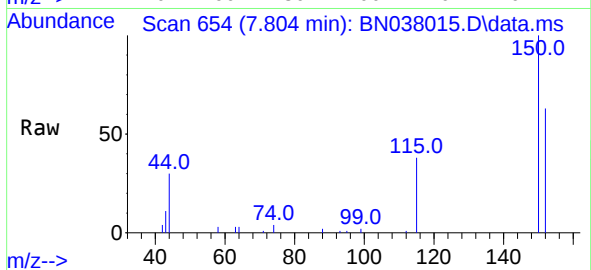
Quant Time: Oct 06 19:00:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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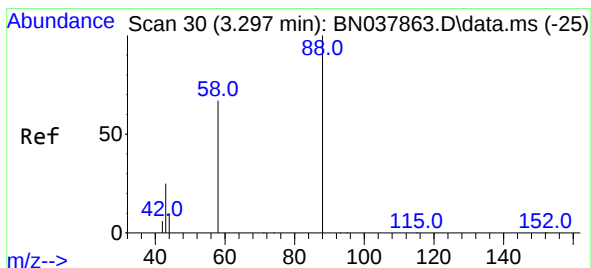
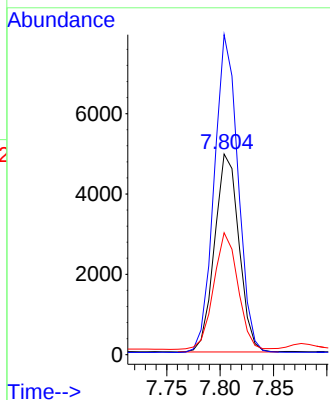
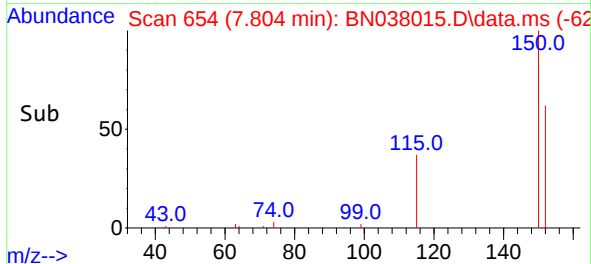


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.804 min Scan# 61  
Delta R.T. -0.021 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Instrument :  
BNA\_N  
ClientSampleId :  
TT192D1-20250922

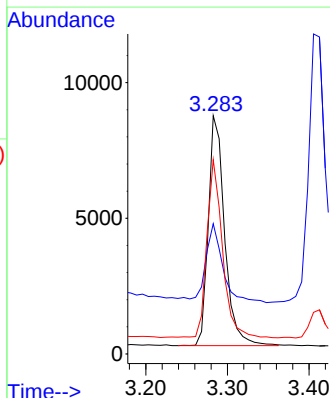
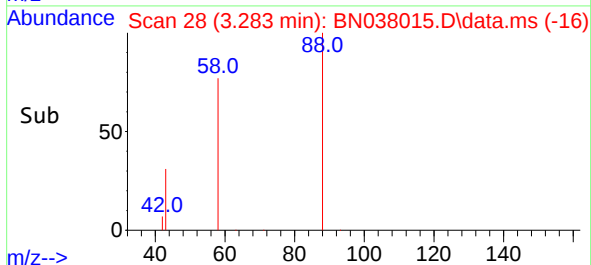
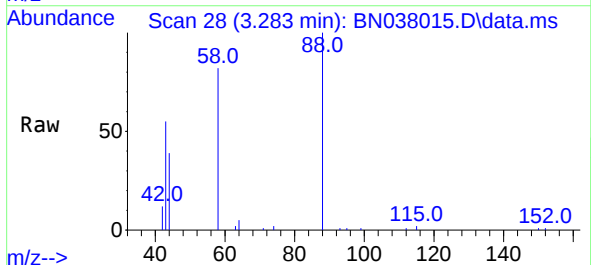


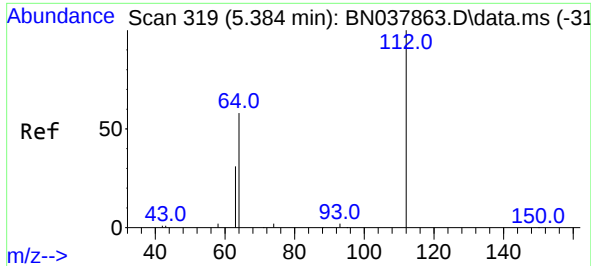
Tgt Ion:152 Resp: 7823  
Ion Ratio Lower Upper  
152 100  
150 159.4 121.0 181.4  
115 60.7 47.4 71.0



#2  
1,4-Dioxane  
Concen: 1.486 ng  
RT: 3.283 min Scan# 28  
Delta R.T. -0.014 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Tgt Ion: 88 Resp: 11798  
Ion Ratio Lower Upper  
88 100  
43 34.6 26.6 39.8  
58 74.0 58.9 88.3





#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038015.D

Acq: 06 Oct 2025 18:35

Instrument :

BNA\_N

ClientSampleId :

TT192D1-20250922

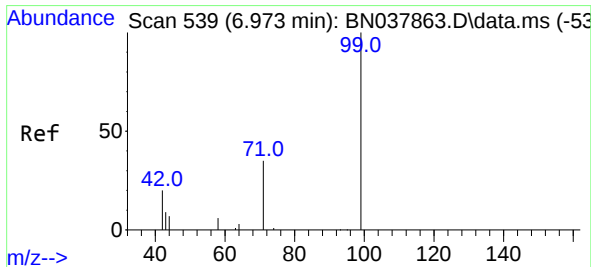
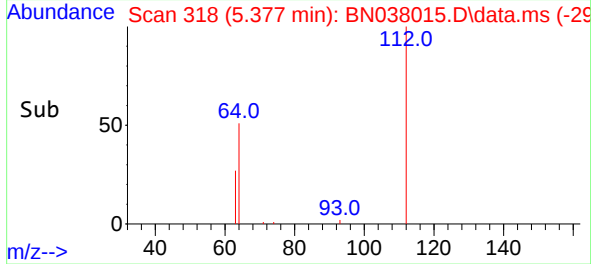
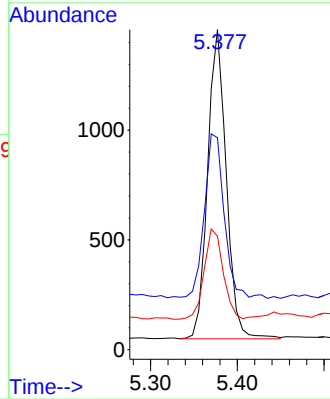
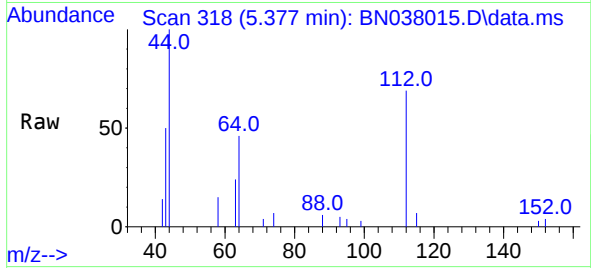
Tgt Ion:112 Resp: 2103

Ion Ratio Lower Upper

112 100

64 56.8 44.6 66.8

63 29.8 24.9 37.3



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN038015.D

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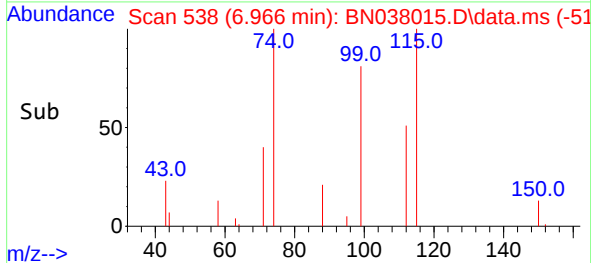
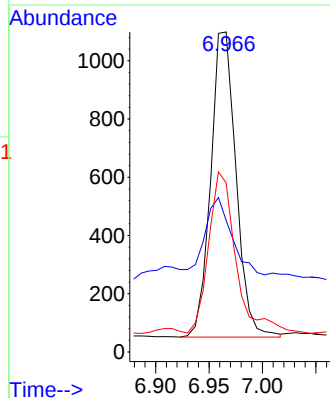
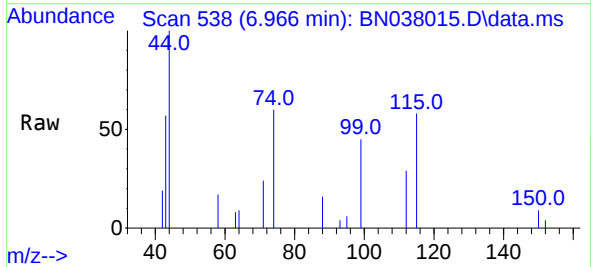
Tgt Ion: 99 Resp: 1731

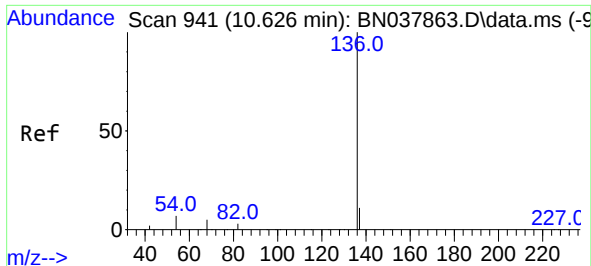
Ion Ratio Lower Upper

99 100

42 27.0 17.2 25.8#

71 57.1 27.3 40.9#

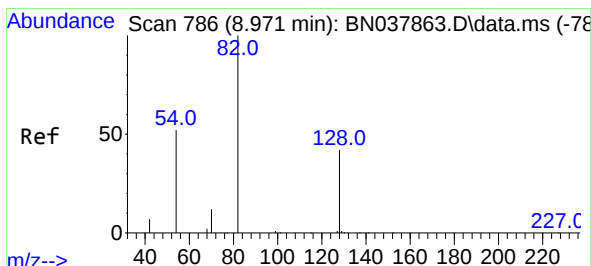
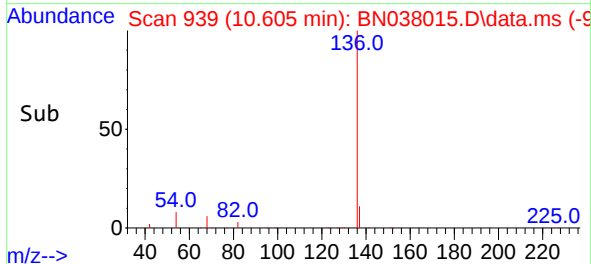
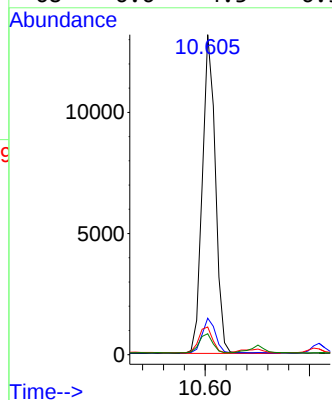
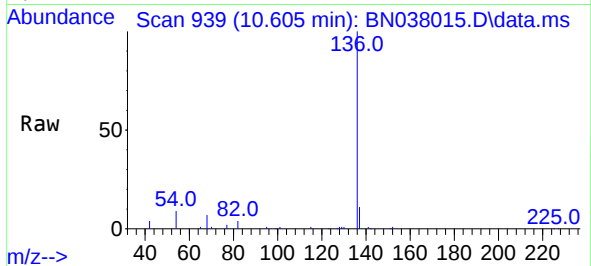




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

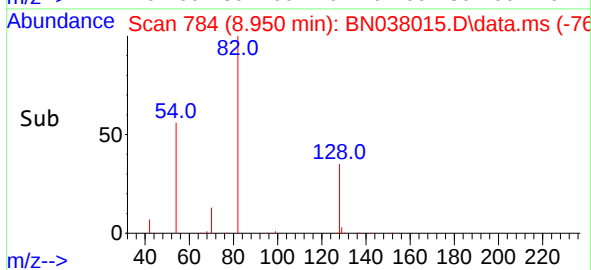
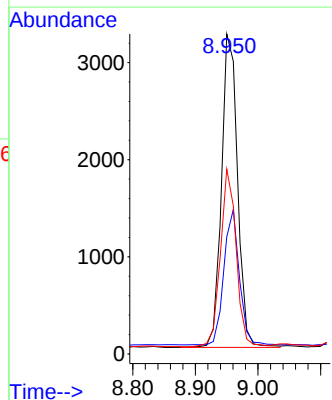
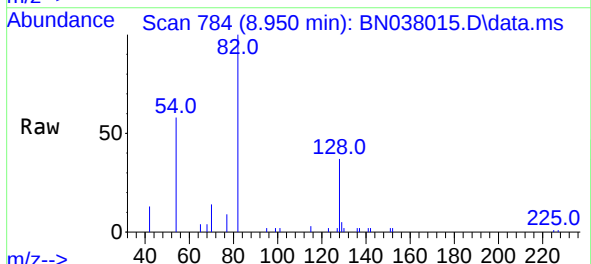
Instrument :  
BNA\_N  
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TT192D1-20250922

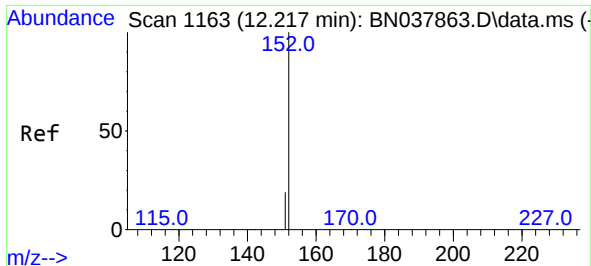
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 22788 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.4  |
| 54       | 8.6   | 5.8   | 8.8   |
| 68       | 6.6   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.333 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.021 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5784  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.6  | 34.8  | 52.2  |
| 54       | 57.8  | 42.2  | 63.2  |

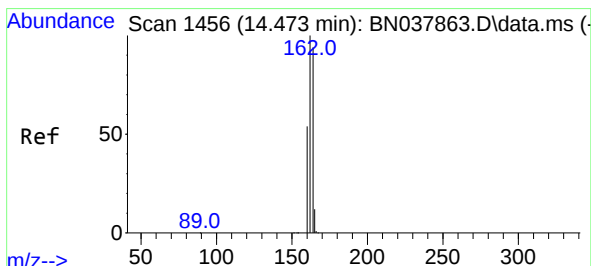
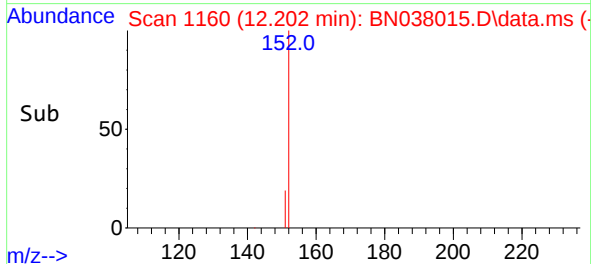
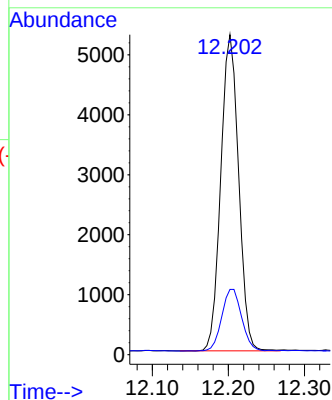
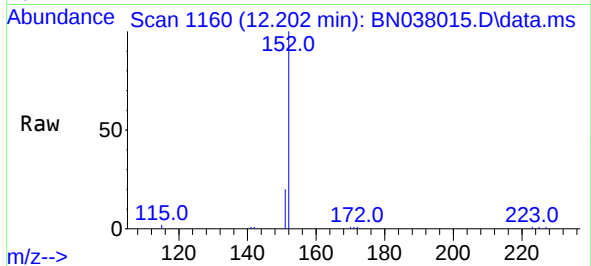




#11  
2-Methylnaphthalene-d10  
Concen: 0.271 ng  
RT: 12.202 min Scan# 1160  
Delta R.T. -0.015 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

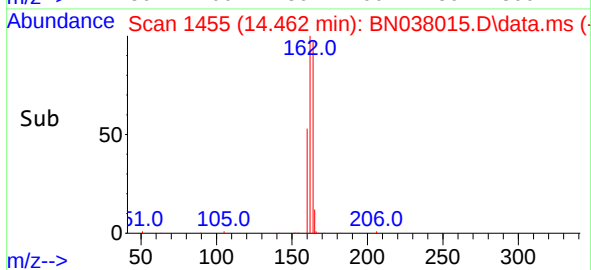
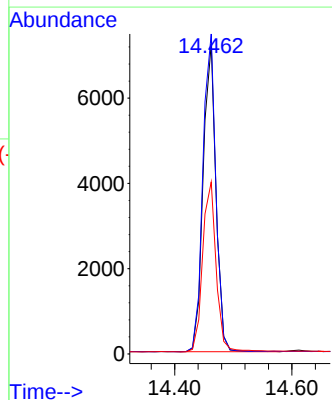
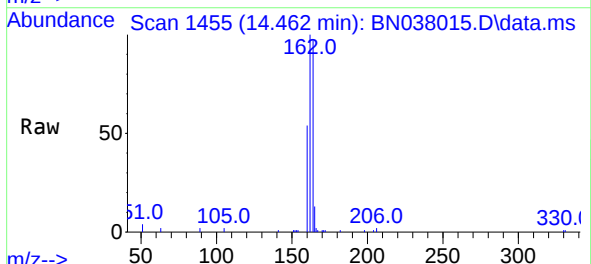
Instrument :  
BNA\_N  
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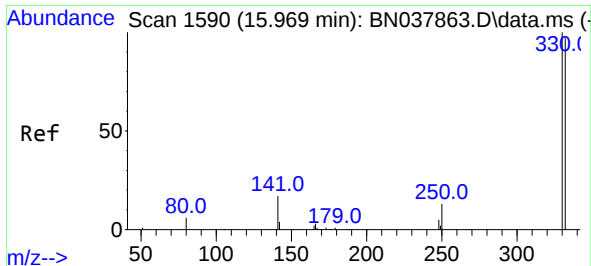
Tgt Ion:152 Resp: 8565  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.4 26.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.462 min Scan# 1455  
Delta R.T. -0.011 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Tgt Ion:164 Resp: 10971  
Ion Ratio Lower Upper  
164 100  
162 103.2 84.8 127.2  
160 55.5 46.1 69.1

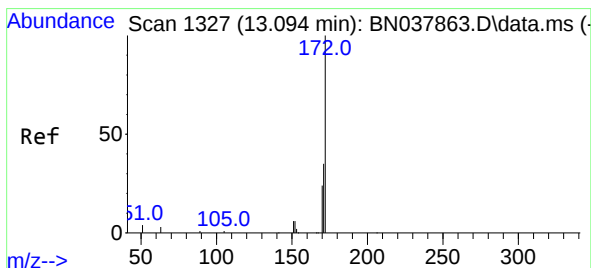
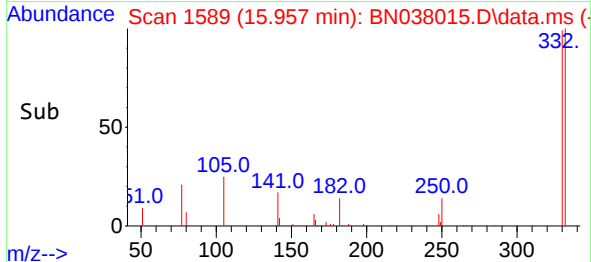
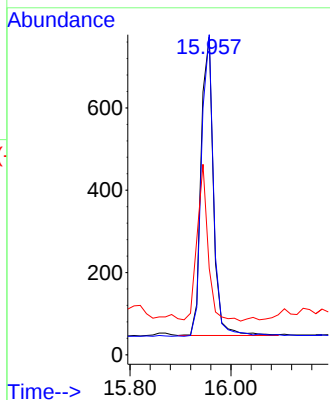
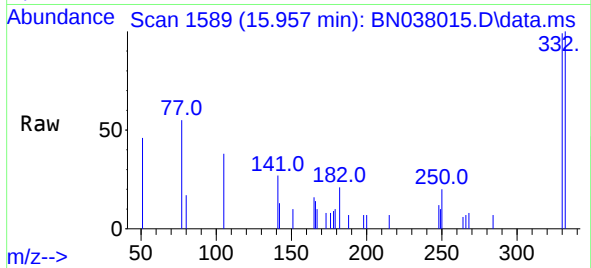




#14  
2,4,6-Tribromophenol  
Concen: 0.297 ng  
RT: 15.957 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

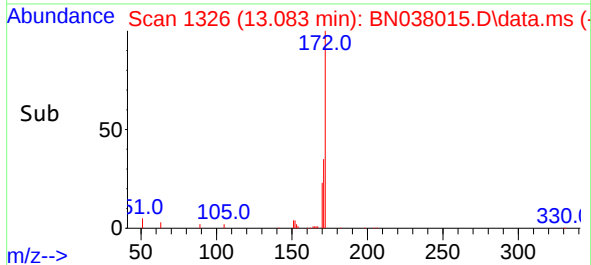
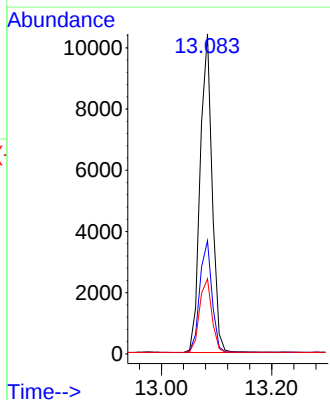
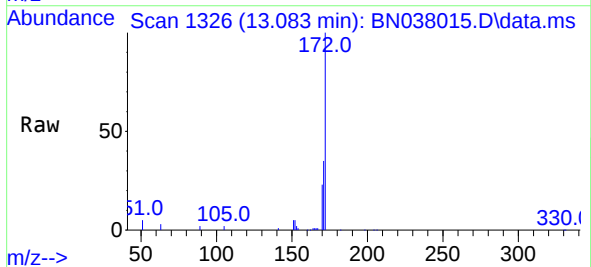
Instrument :  
BNA\_N  
ClientSampleId :  
TT192D1-20250922

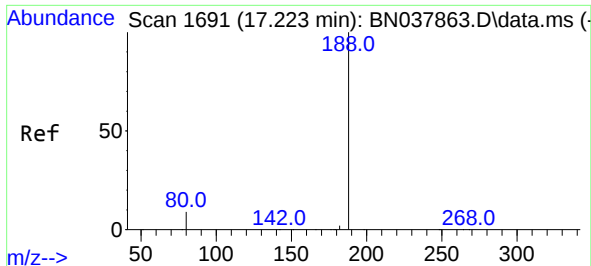
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|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1234  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 99.5  | 77.2  | 115.8 |
| 141      | 46.5  | 37.2  | 55.8  |



#15  
2-Fluorobiphenyl  
Concen: 0.351 ng  
RT: 13.083 min Scan# 1326  
Delta R.T. -0.011 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 15762 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.4  | 28.6  | 43.0  |
| 170      | 23.5  | 19.7  | 29.5  |

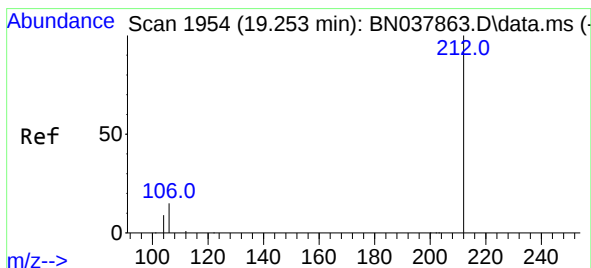
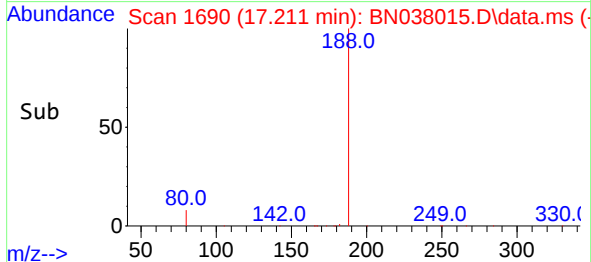
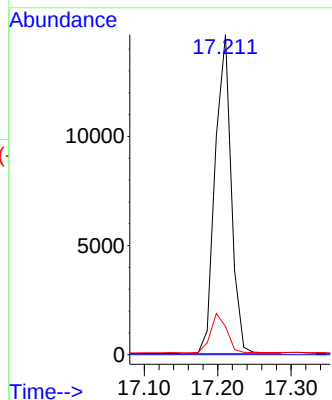
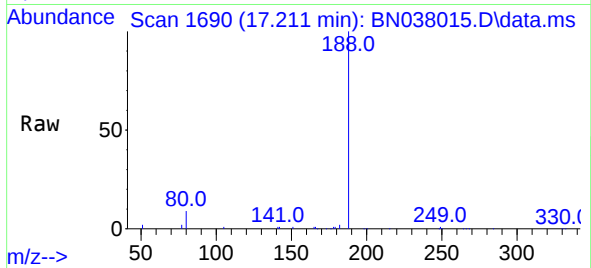




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

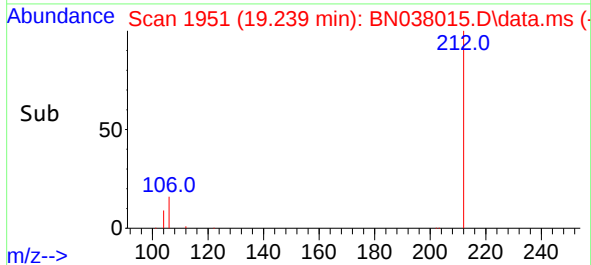
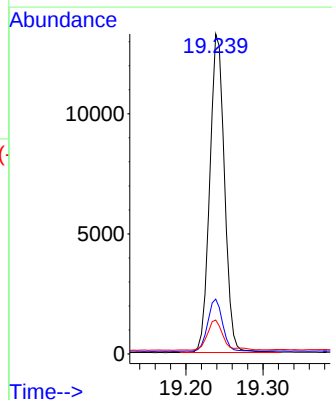
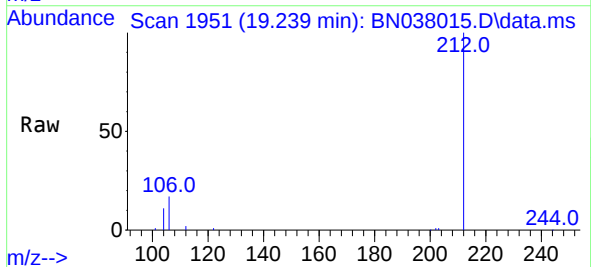
Instrument :  
BNA\_N  
ClientSampleId :  
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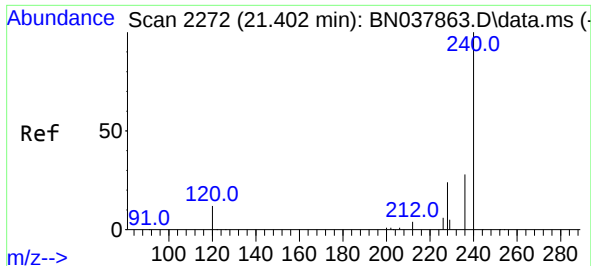
Tgt Ion:188 Resp: 22305  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.9 7.6 11.4



#27  
Fluoranthene-d10  
Concen: 0.315 ng  
RT: 19.239 min Scan# 1951  
Delta R.T. -0.014 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Tgt Ion:212 Resp: 17648  
Ion Ratio Lower Upper  
212 100  
106 16.6 12.6 19.0  
104 9.5 7.4 11.0

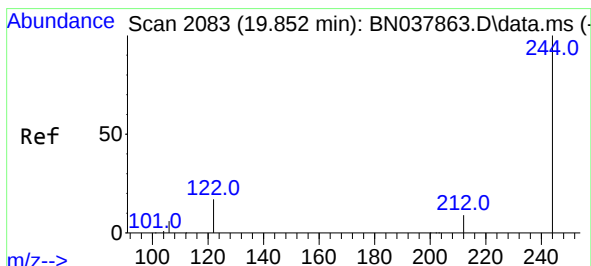
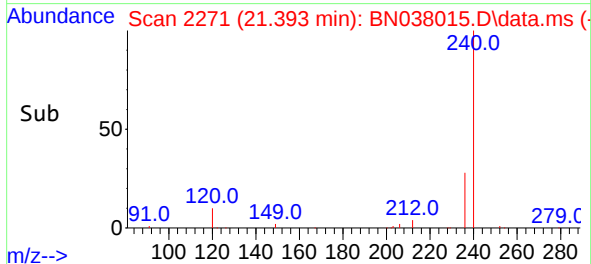
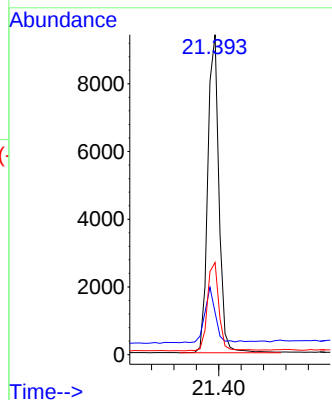
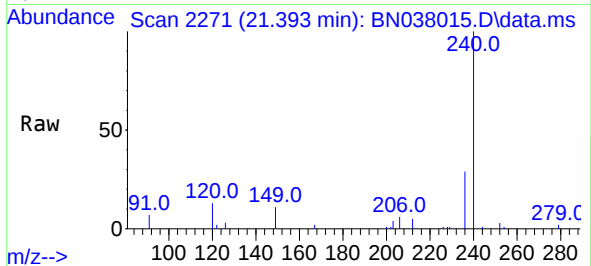




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.393 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

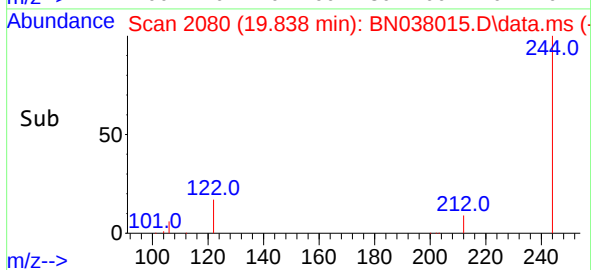
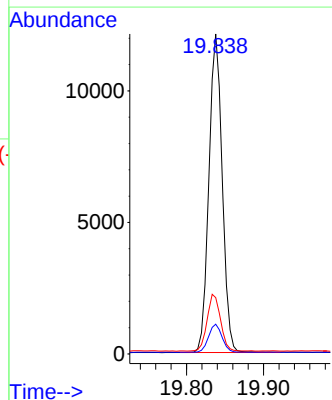
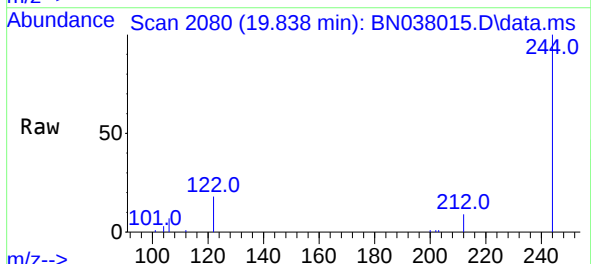
Instrument :  
BNA\_N  
ClientSampleId :  
TT192D1-20250922

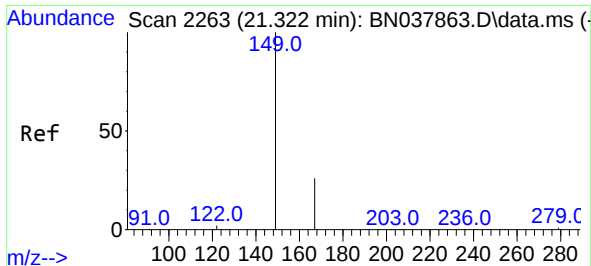
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 12979     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 13.2  | 11.4 17.2 |
| 236         | 28.8  | 23.0 34.6 |



#31  
Terphenyl-d14  
Concen: 0.563 ng  
RT: 19.838 min Scan# 2080  
Delta R.T. -0.014 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 14563     |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 9.3   | 7.6 11.4  |
| 122         | 17.6  | 13.9 20.9 |

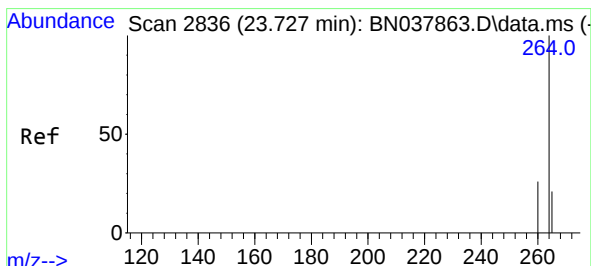
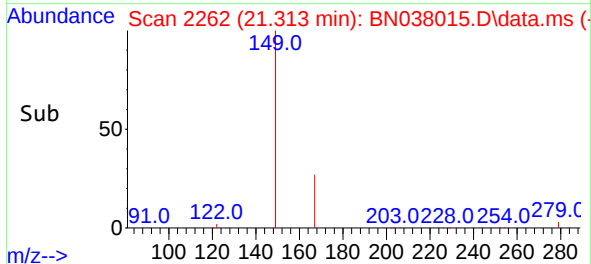
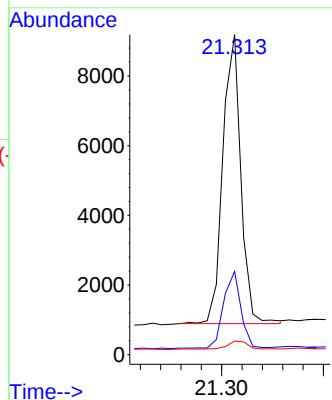
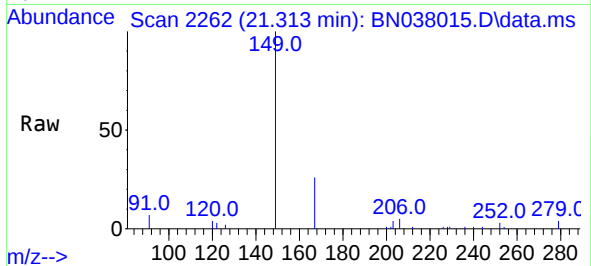




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.569 ng  
RT: 21.313 min Scan# 2131  
Delta R.T. -0.009 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Instrument :  
BNA\_N  
ClientSampleId :  
TT192D1-20250922

Tgt Ion:149 Resp: 10214  
Ion Ratio Lower Upper  
149 100  
167 25.4 20.4 30.6  
279 3.1 2.4 3.6



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.712 min Scan# 2831  
Delta R.T. -0.015 min  
Lab File: BN038015.D  
Acq: 06 Oct 2025 18:35

Tgt Ion:264 Resp: 3373  
Ion Ratio Lower Upper  
264 100  
260 32.7 21.5 32.3#  
265 262.3 53.8 80.6#

