

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071625\  
 Data File : BN037514.D  
 Acq On : 16 Jul 2025 12:16  
 Operator : RC/JU  
 Sample : Q2604-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250711

Quant Time: Jul 16 12:41:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 16 02:38:11 2025  
 Response via : Initial Calibration

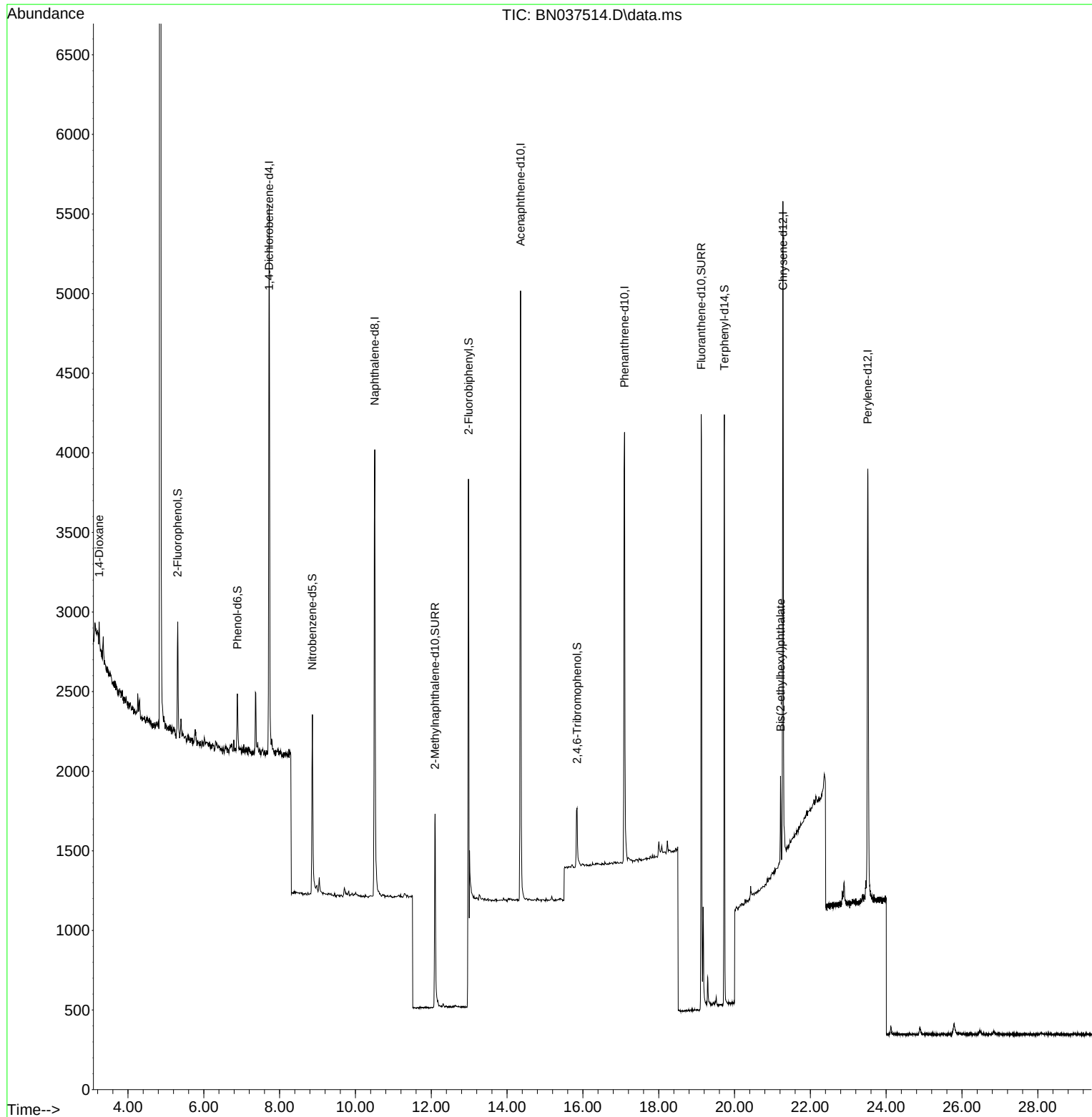
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|-------|-------|------------|
| -----                         |        |      |          |       |       |            |
| Internal Standards            |        |      |          |       |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 1757     | 0.400 | ng    | 0.00       |
| 7) Naphthalene-d8             | 10.509 | 136  | 4258     | 0.400 | ng    | 0.00       |
| 13) Acenaphthene-d10          | 14.355 | 164  | 2264     | 0.400 | ng    | 0.00       |
| 19) Phenanthrene-d10          | 17.099 | 188  | 4524     | 0.400 | ng    | 0.00       |
| 29) Chrysene-d12              | 21.277 | 240  | 3752     | 0.400 | ng    | 0.00       |
| 35) Perylene-d12              | 23.516 | 264  | 3699     | 0.400 | ng    | 0.00       |
| System Monitoring Compounds   |        |      |          |       |       |            |
| 4) 2-Fluorophenol             | 5.312  | 112  | 553      | 0.127 | ng    | 0.00       |
| 5) Phenol-d6                  | 6.887  | 99   | 341      | 0.063 | ng    | 0.00       |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 1028     | 0.323 | ng    | 0.00       |
| 11) 2-Methylnaphthalene-d10   | 12.101 | 152  | 1891     | 0.310 | ng    | 0.00       |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 281      | 0.252 | ng    | 0.00       |
| 15) 2-Fluorobiphenyl          | 12.983 | 172  | 4754     | 0.404 | ng    | 0.00       |
| 27) Fluoranthene-d10          | 19.122 | 212  | 4292     | 0.358 | ng    | 0.00       |
| 31) Terphenyl-d14             | 19.731 | 244  | 3523     | 0.437 | ng    | 0.00       |
| Target Compounds              |        |      |          |       |       |            |
| 2) 1,4-Dioxane                | 3.239  | 88   | 89       | 0.053 | ng    | Qvalue # 6 |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149  | 572      | 0.097 | ng    | 95         |
| -----                         |        |      |          |       |       |            |

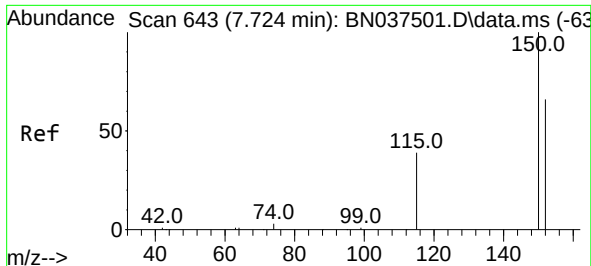
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071625\  
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RW8-SP100-20250711

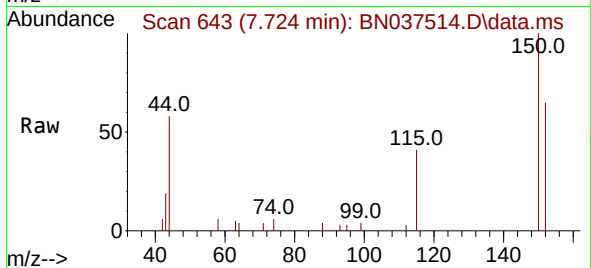
Quant Time: Jul 16 12:41:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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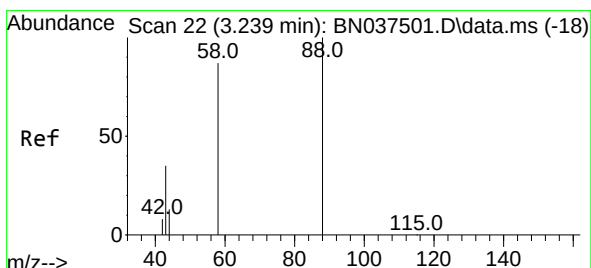
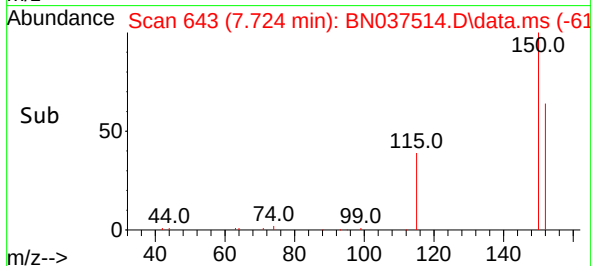
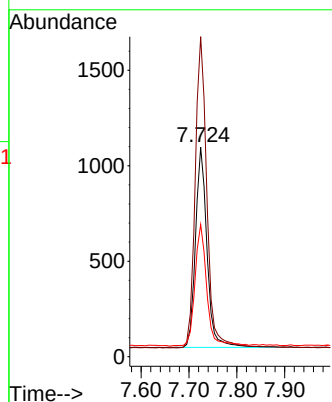


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN037514.D  
 Acq: 16 Jul 2025 12:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250711

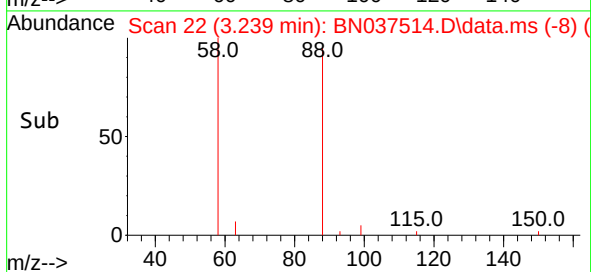
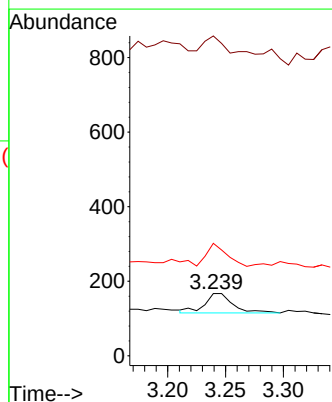
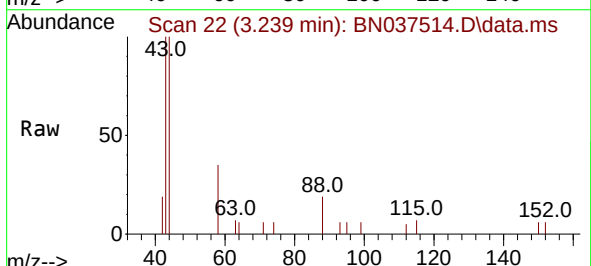


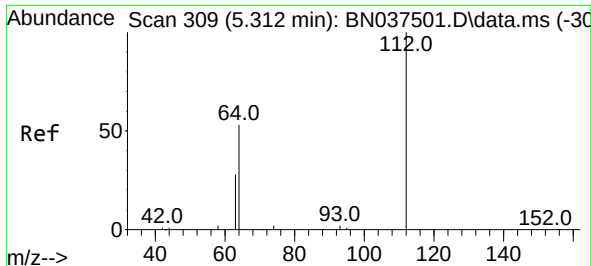
Tgt Ion:152 Resp: 1757  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 119.8 179.8  
 115 63.1 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 0.053 ng  
 RT: 3.239 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN037514.D  
 Acq: 16 Jul 2025 12:16

Tgt Ion: 88 Resp: 89  
 Ion Ratio Lower Upper  
 88 100  
 43 205.6 27.5 41.3#  
 58 82.0 62.7 94.1

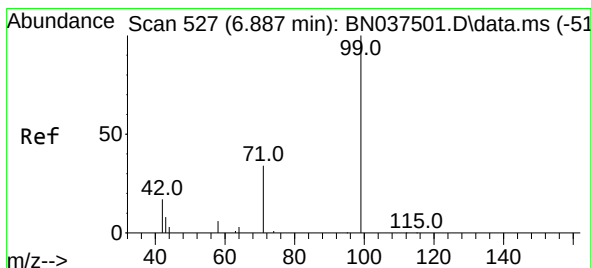
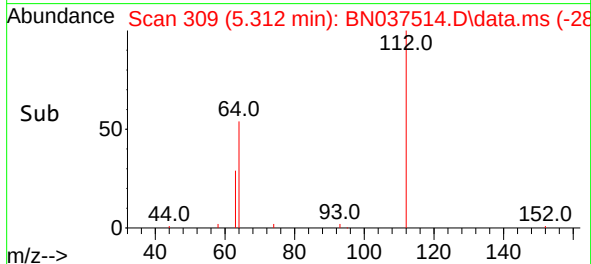
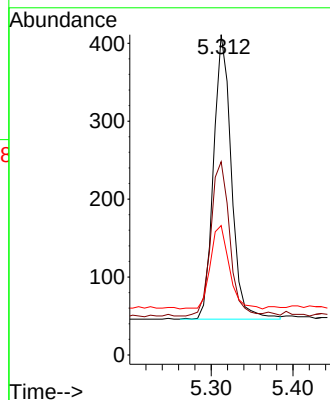
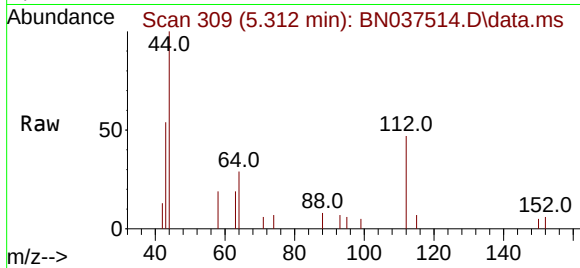




#4  
2-Fluorophenol  
Concen: 0.127 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

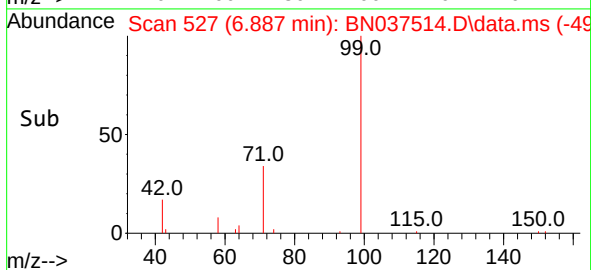
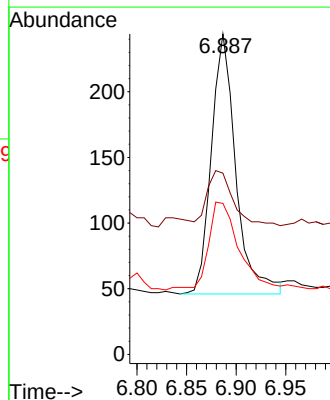
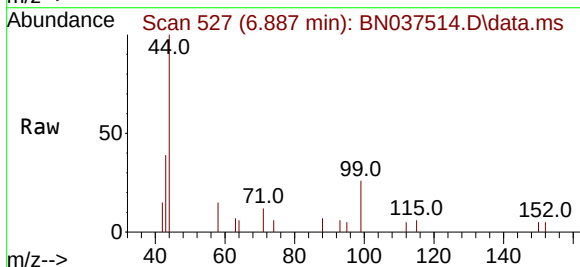
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BNA\_N  
ClientSampleId :  
RW8-SP100-20250711

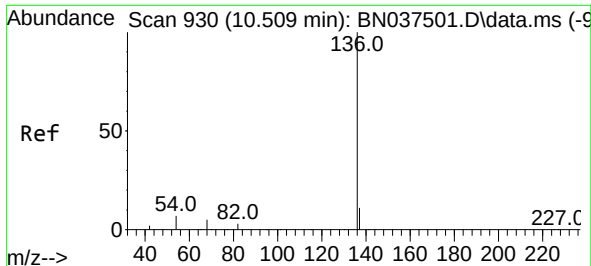
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 553   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 57.3  | 45.1  | 67.7  |
| 63       | 30.9  | 23.8  | 35.8  |



#5  
Phenol-d6  
Concen: 0.063 ng  
RT: 6.887 min Scan# 527  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 341   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.0  | 17.1  | 25.7  |
| 71       | 44.9  | 27.8  | 41.8  |

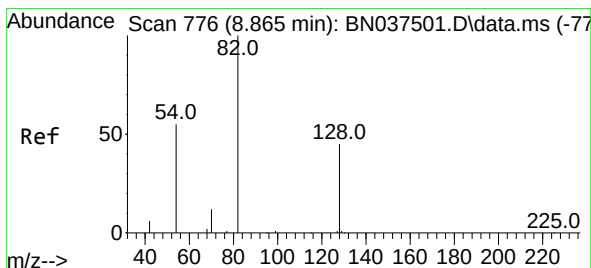
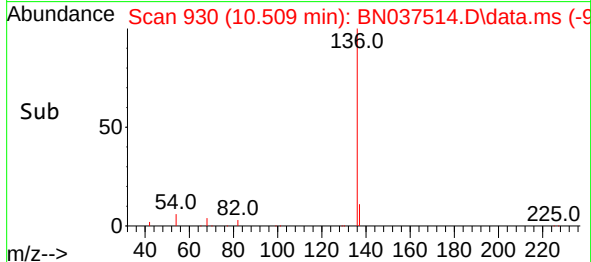
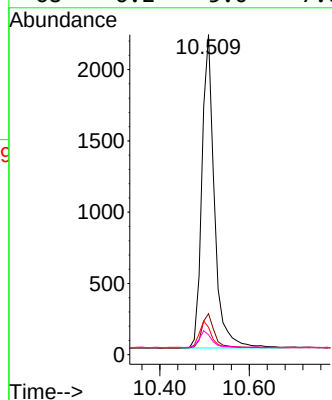
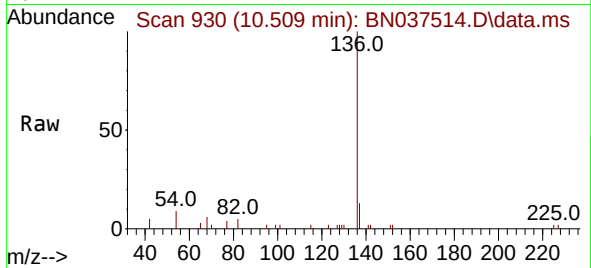




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

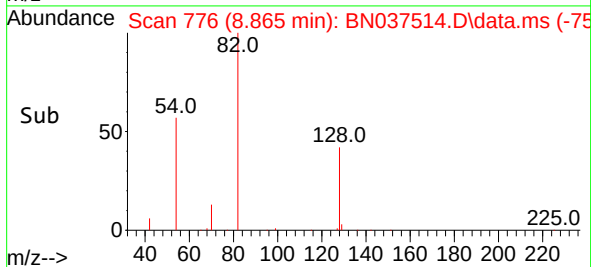
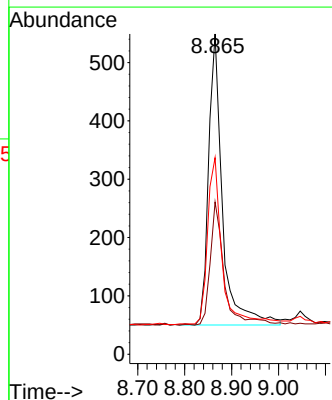
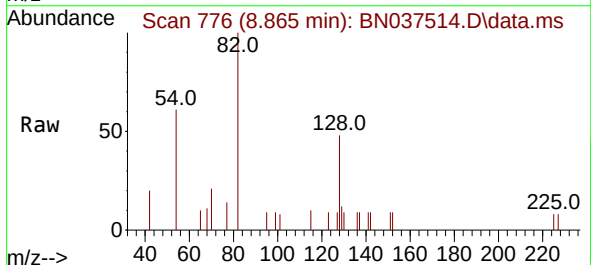
Instrument :  
BNA\_N  
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RW8-SP100-20250711

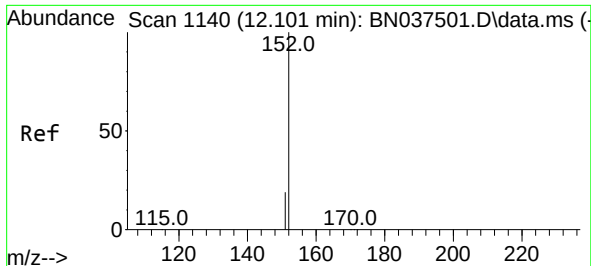
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4258  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.8  | 9.8   | 14.8  |
| 54       | 8.6   | 6.6   | 9.8   |
| 68       | 6.2   | 5.0   | 7.6   |



#8  
Nitrobenzene-d5  
Concen: 0.323 ng  
RT: 8.865 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1028  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.5  | 37.5  | 56.3  |
| 54       | 61.4  | 45.3  | 67.9  |

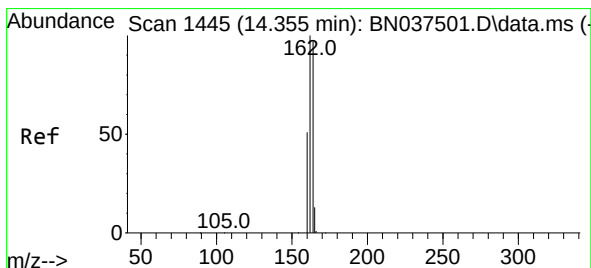
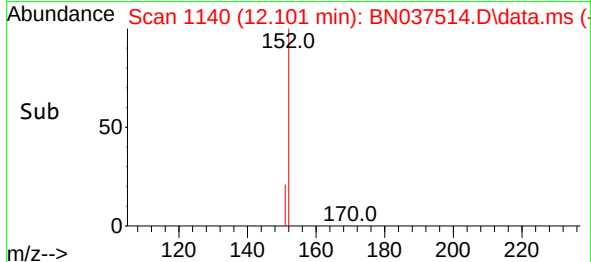
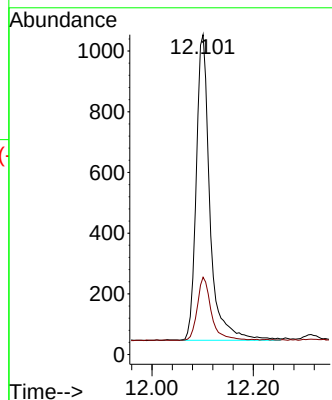
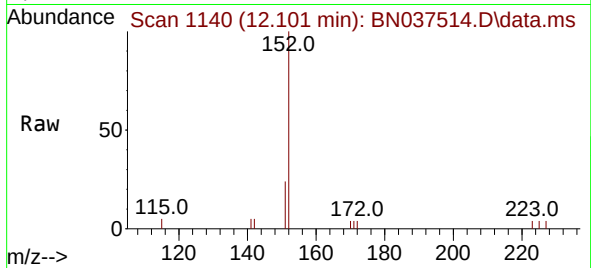




#11  
2-Methylnaphthalene-d10  
Concen: 0.310 ng  
RT: 12.101 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

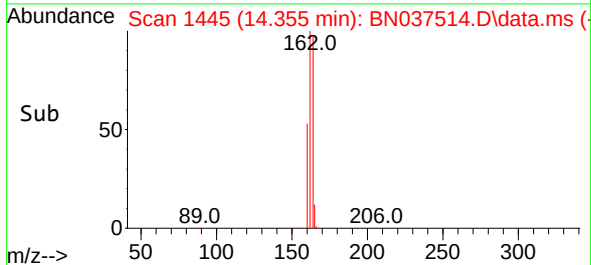
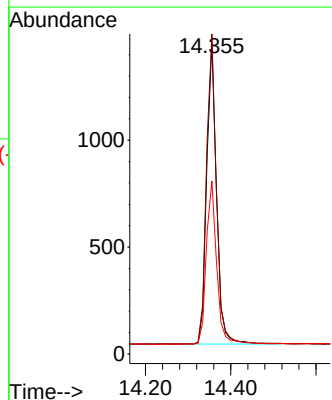
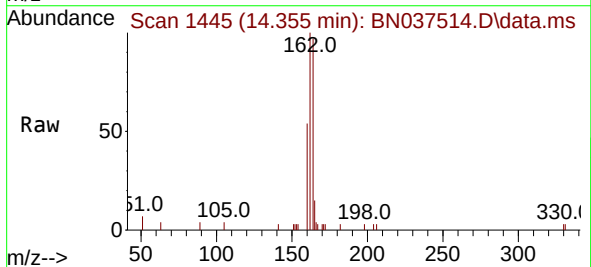
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250711

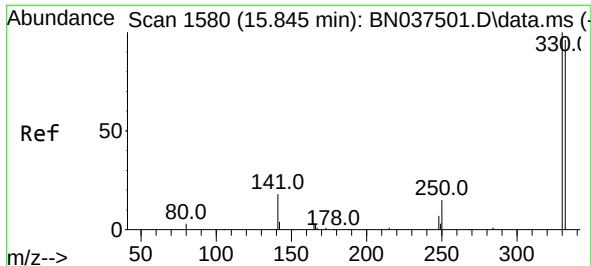
Tgt Ion:152 Resp: 1891  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.355 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

Tgt Ion:164 Resp: 2264  
Ion Ratio Lower Upper  
164 100  
162 102.8 82.0 123.0  
160 55.6 42.4 63.6

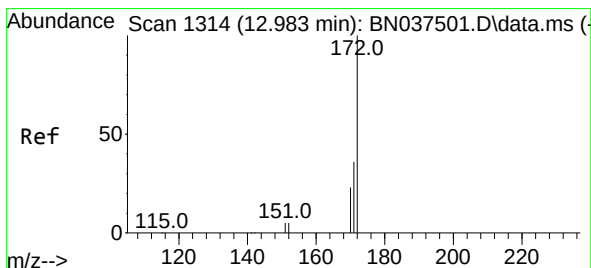
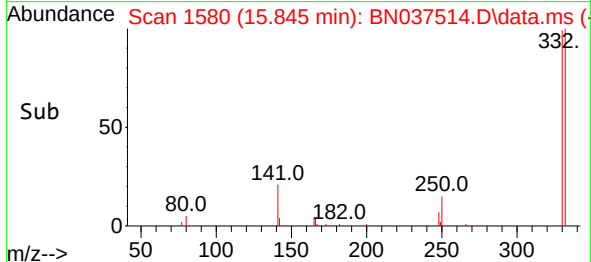
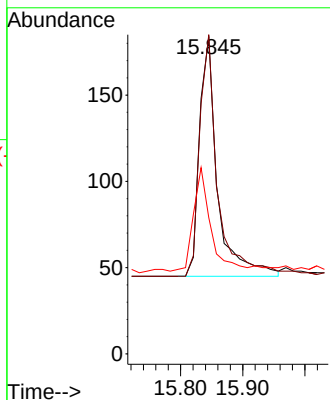
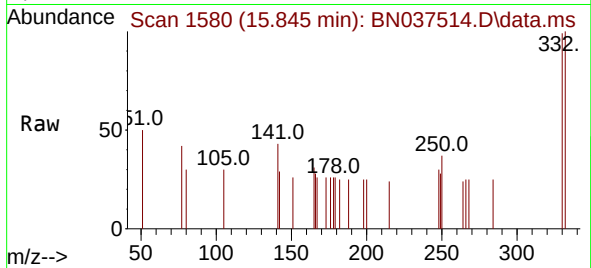




#14  
2,4,6-Tribromophenol  
Concen: 0.252 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

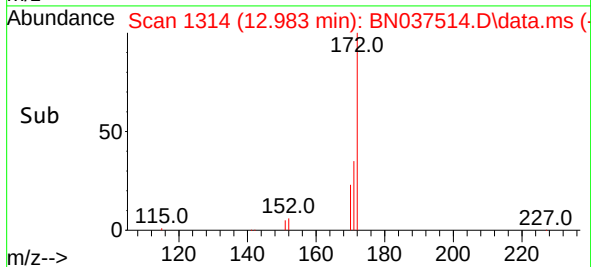
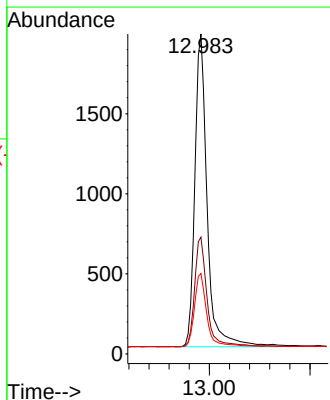
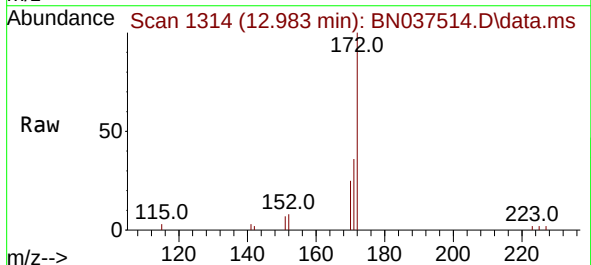
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250711

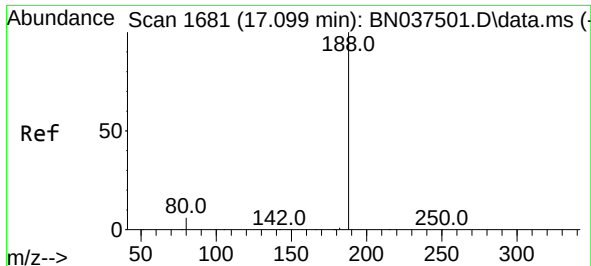
Tgt Ion:330 Resp: 281  
Ion Ratio Lower Upper  
330 100  
332 102.8 76.1 114.1  
141 42.3 33.4 50.0



#15  
2-Fluorobiphenyl  
Concen: 0.404 ng  
RT: 12.983 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

Tgt Ion:172 Resp: 4754  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.4 44.2  
170 25.1 19.4 29.0

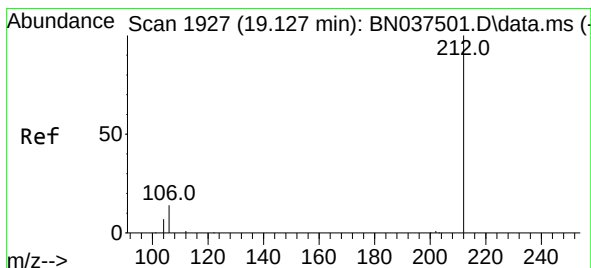
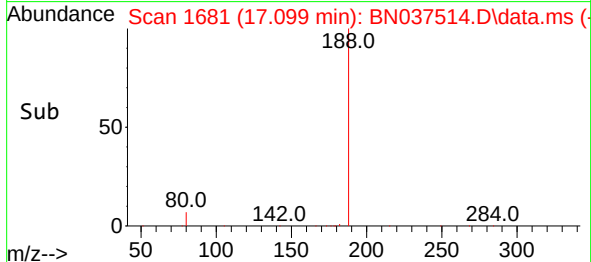
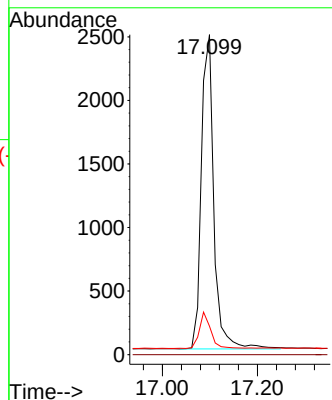
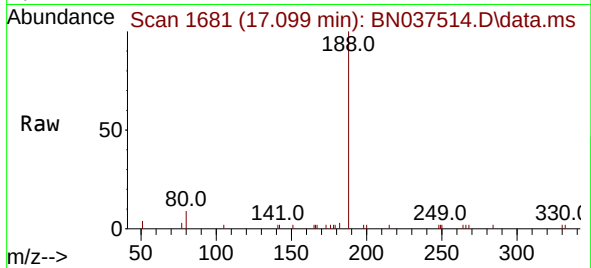




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

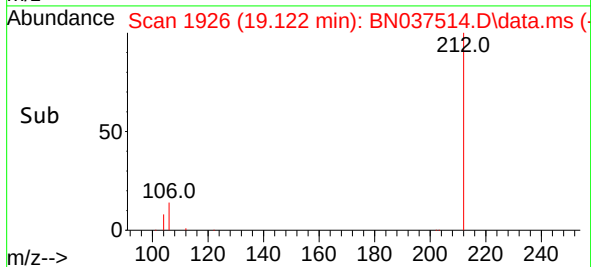
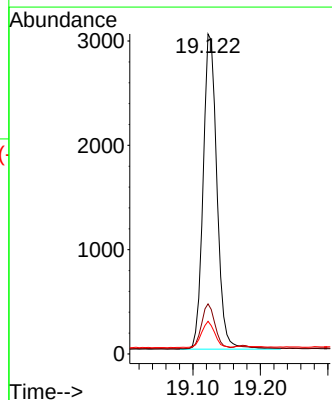
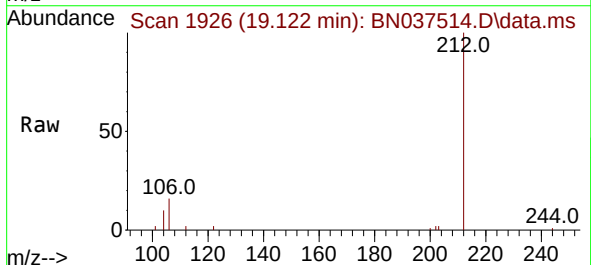
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250711

Tgt Ion:188 Resp: 4524  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.9 6.0 9.0

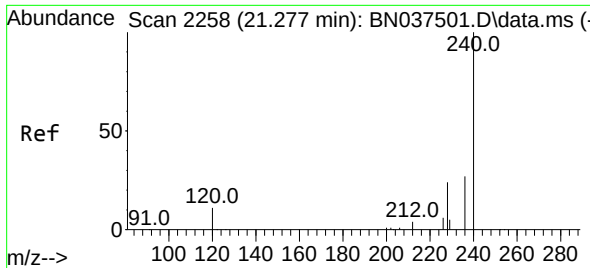


#27  
Fluoranthene-d10  
Concen: 0.358 ng  
RT: 19.122 min Scan# 1926  
Delta R.T. -0.005 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

Tgt Ion:212 Resp: 4292  
Ion Ratio Lower Upper  
212 100  
106 13.9 12.2 18.4  
104 8.2 6.7 10.1



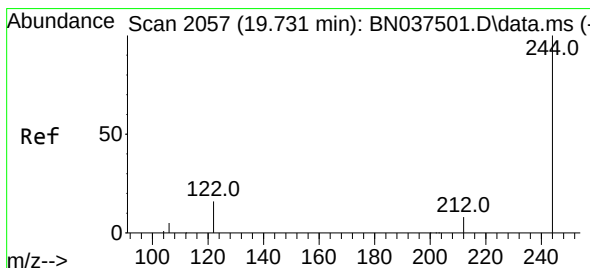
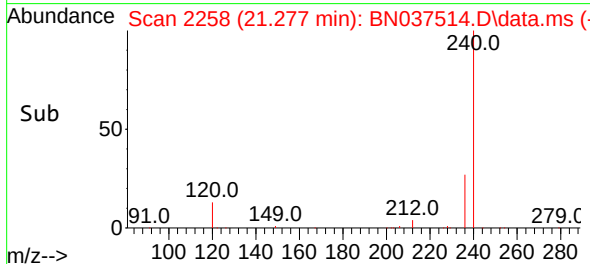
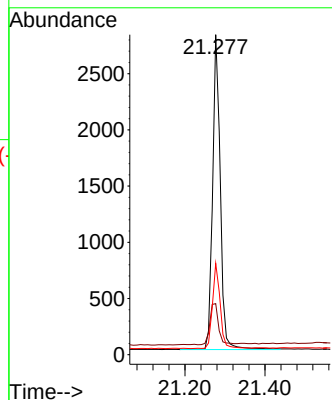
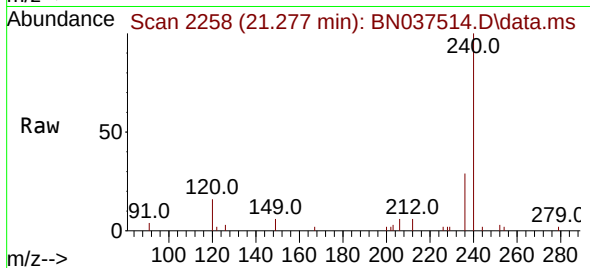




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

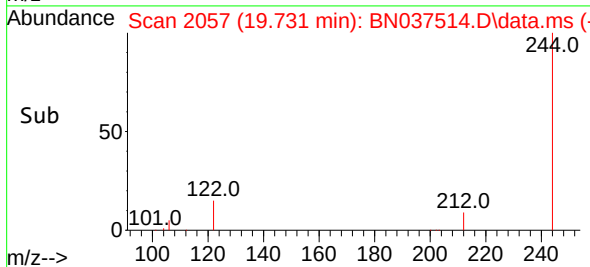
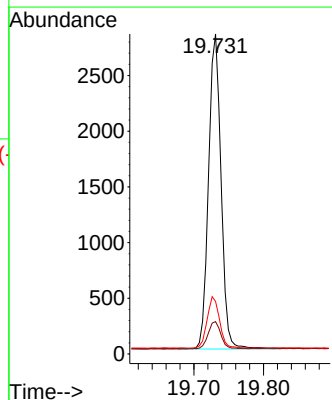
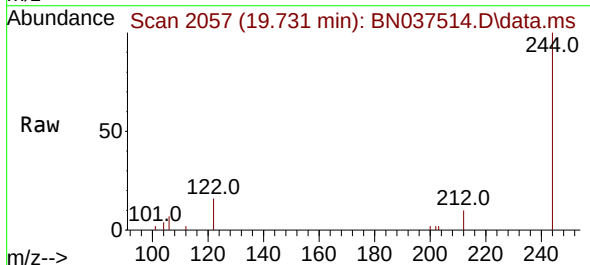
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250711

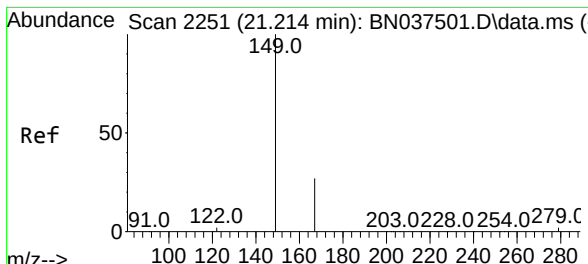
Tgt Ion:240 Resp: 3752  
Ion Ratio Lower Upper  
240 100  
120 16.0 10.7 16.1  
236 28.6 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.437 ng  
RT: 19.731 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BN037514.D  
Acq: 16 Jul 2025 12:16

Tgt Ion:244 Resp: 3523  
Ion Ratio Lower Upper  
244 100  
212 10.1 7.4 11.2  
122 16.4 13.6 20.4

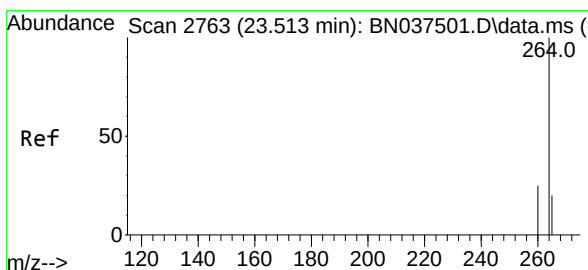
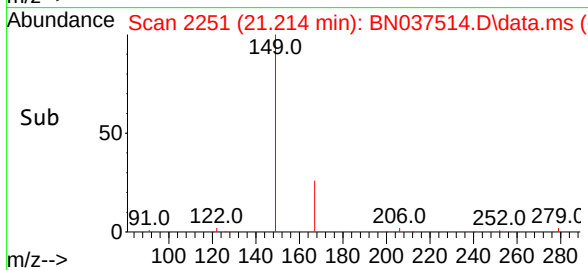
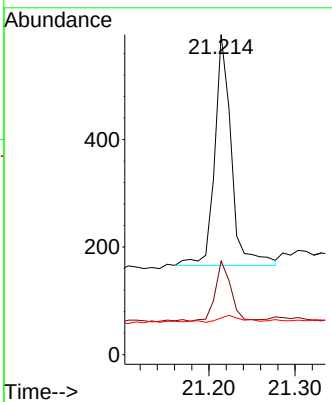
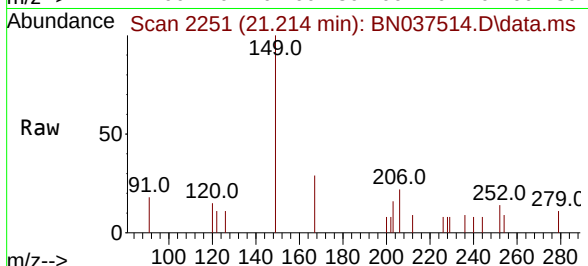




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.097 ng  
 RT: 21.214 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN037514.D  
 Acq: 16 Jul 2025 12:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250711

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 572   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 24.5  | 21.8  | 32.8  |
| 279      | 3.5   | 3.0   | 4.4   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.516 min Scan# 2764  
 Delta R.T. 0.003 min  
 Lab File: BN037514.D  
 Acq: 16 Jul 2025 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 3699  |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 27.5  | 21.2  | 31.8  |
| 265      | 54.7  | 40.4  | 60.6  |

