

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073025\  
 Data File : BN037551.D  
 Acq On : 30 Jul 2025 11:27  
 Operator : RC/JU  
 Sample : Q2696-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP303-20250724

Quant Time: Jul 30 12:08:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 19 01:46:16 2025  
 Response via : Initial Calibration

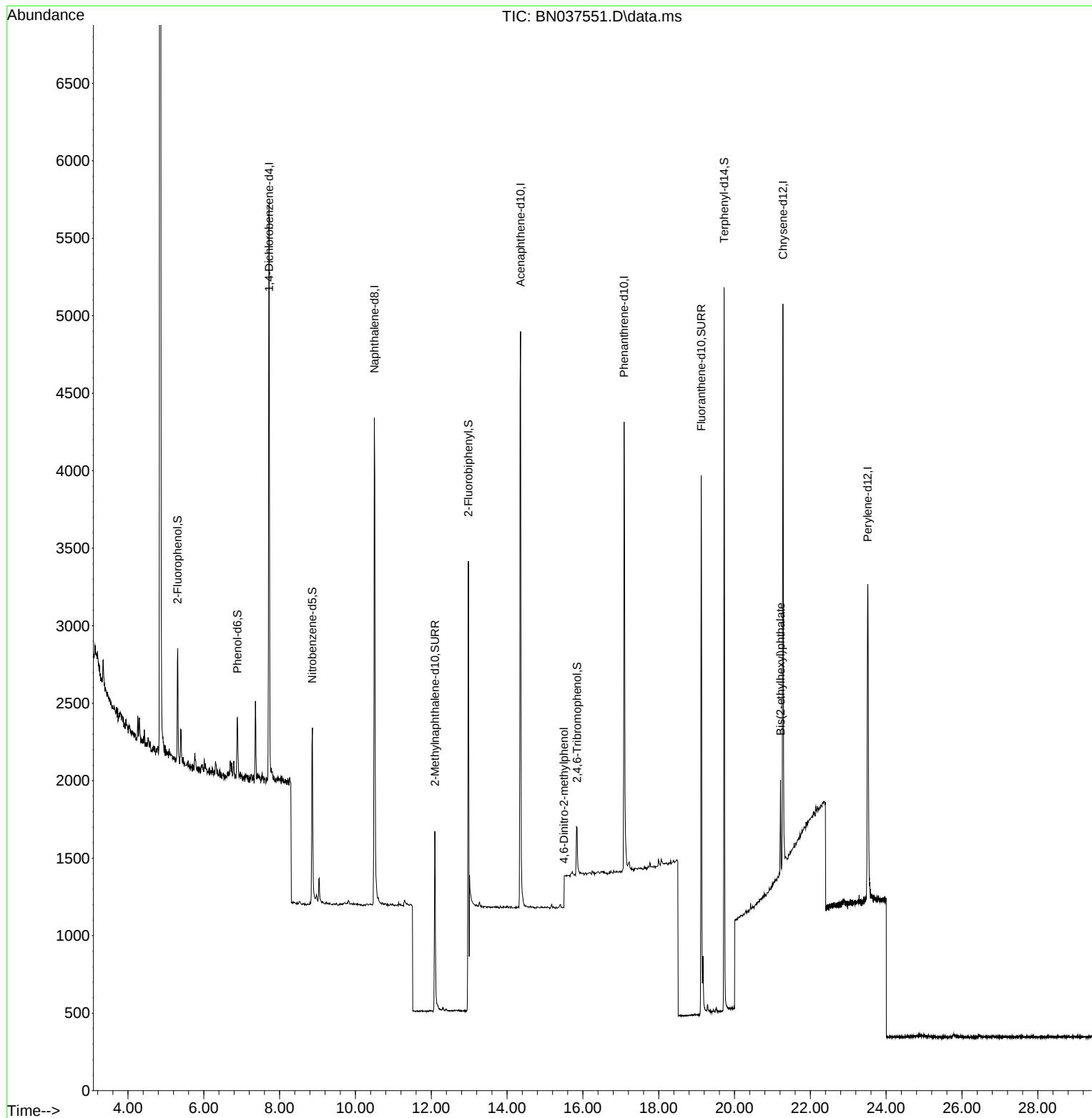
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 1937     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 4777     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.356 | 164  | 2343     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.087 | 188  | 4562     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.277 | 240  | 3546     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.514 | 264  | 3028     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 568      | 0.119 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 378      | 0.063 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 1075     | 0.301 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.096 | 152  | 1791     | 0.261 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 242      | 0.210 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.978 | 172  | 3889     | 0.319 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.123 | 212  | 4037     | 0.334 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.727 | 244  | 4466     | 0.586 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.500 | 198  | 1        | 0.095 | ng    | # 28     |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149  | 605      | 0.108 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073025\  
Data File : BN037551.D  
Acq On : 30 Jul 2025 11:27  
Operator : RC/JU  
Sample : Q2696-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP303-20250724

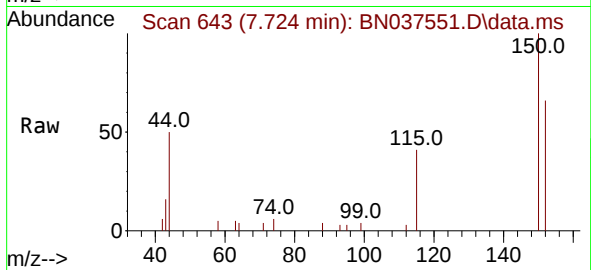
Quant Time: Jul 30 12:08:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 19 01:46:16 2025  
Response via : Initial Calibration





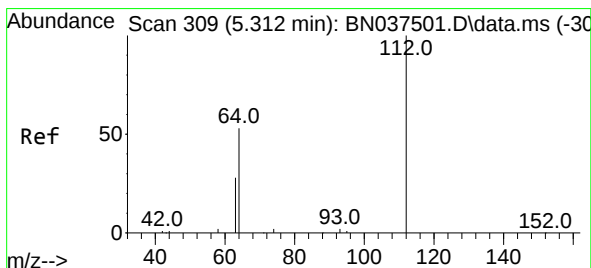
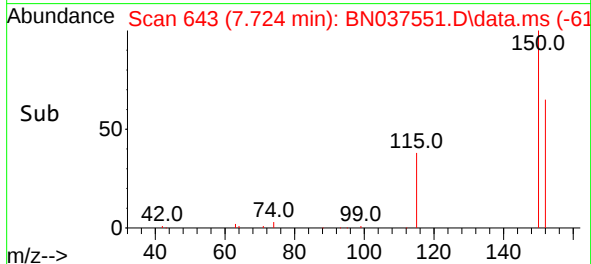
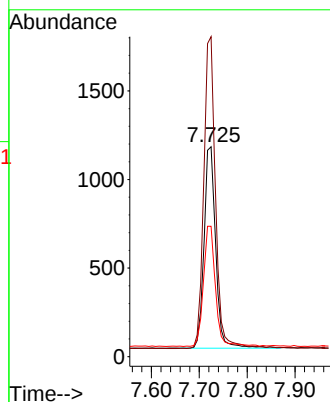
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 643  
 Delta R.T. 0.000 min  
 Lab File: BN037551.D  
 Acq: 30 Jul 2025 11:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP303-20250724



Tgt Ion:152 Resp: 1937

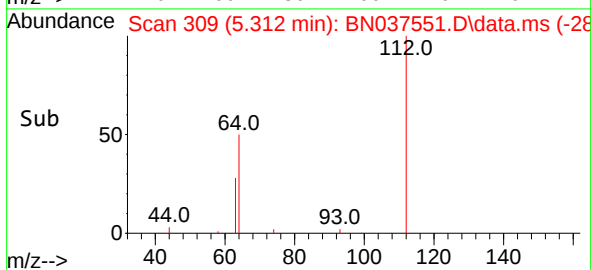
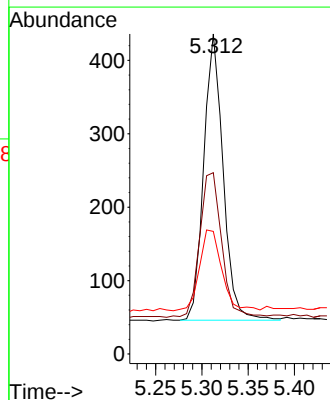
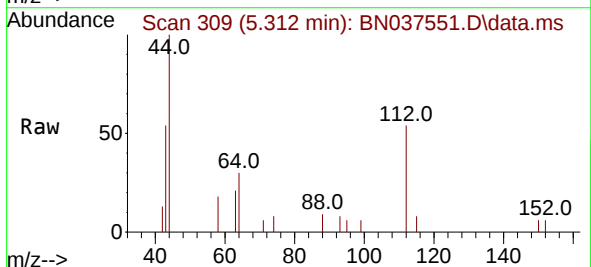
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 152.4 | 119.8 | 179.8 |
| 115 | 62.1  | 49.1  | 73.7  |

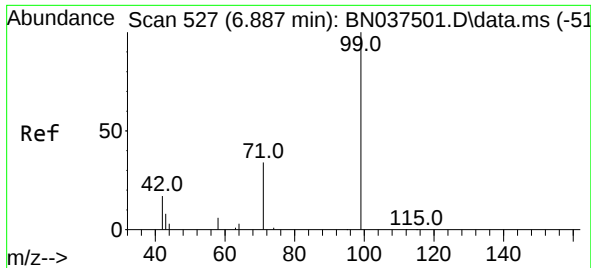


#4  
 2-Fluorophenol  
 Concen: 0.119 ng  
 RT: 5.312 min Scan# 309  
 Delta R.T. 0.000 min  
 Lab File: BN037551.D  
 Acq: 30 Jul 2025 11:27

Tgt Ion:112 Resp: 568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.2  | 45.1  | 67.7  |
| 63  | 32.4  | 23.8  | 35.8  |

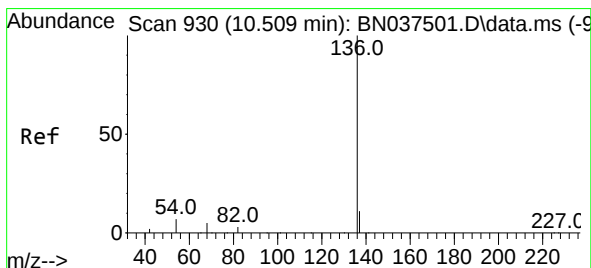
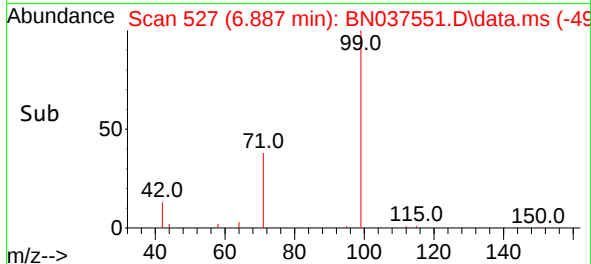
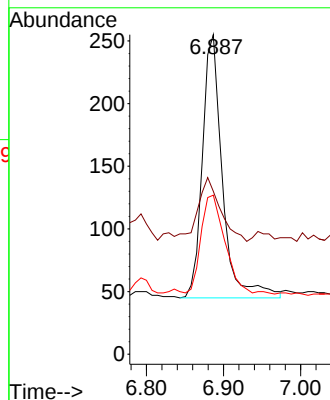
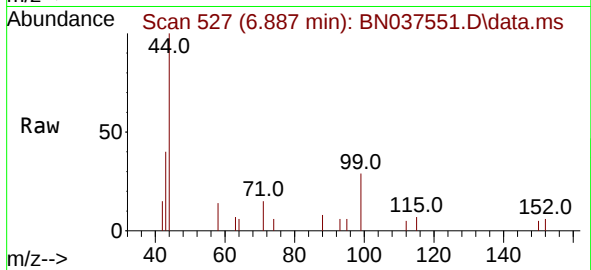




#5  
Phenol-d6  
Concen: 0.063 ng  
RT: 6.887 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

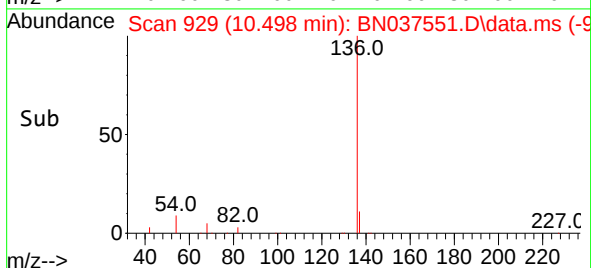
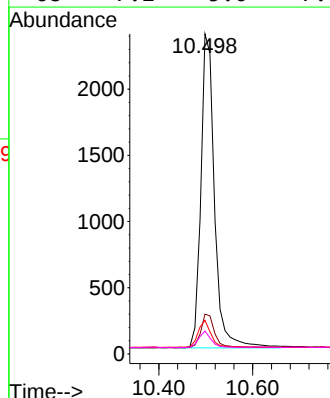
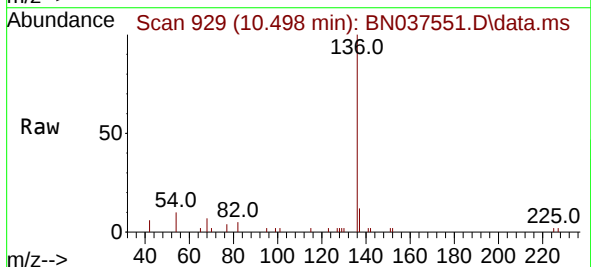
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP303-20250724

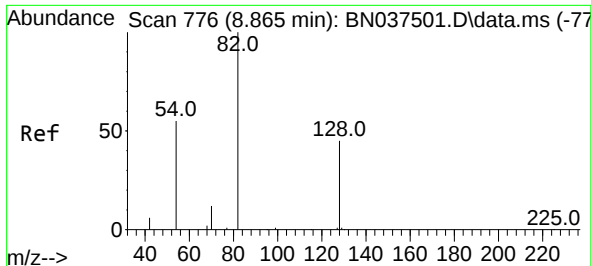
Tgt Ion: 99 Resp: 378  
Ion Ratio Lower Upper  
99 100  
42 26.2 17.1 25.7#  
71 45.5 27.8 41.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 929  
Delta R.T. -0.011 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

Tgt Ion: 136 Resp: 4777  
Ion Ratio Lower Upper  
136 100  
137 12.5 9.8 14.8  
54 10.5 6.6 9.8#  
68 7.2 5.0 7.6

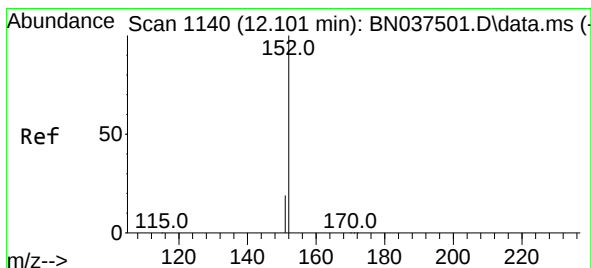
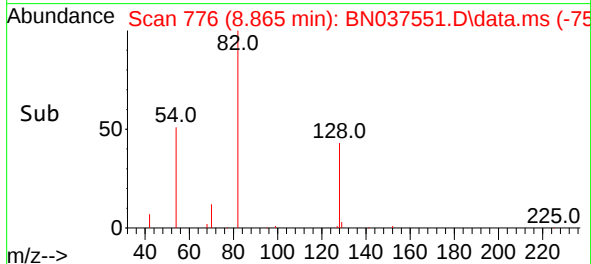
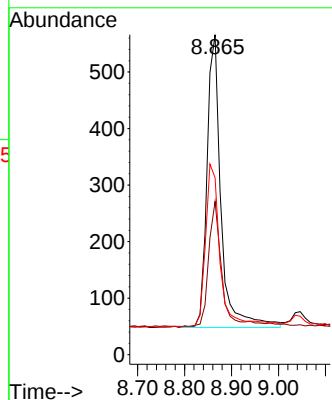
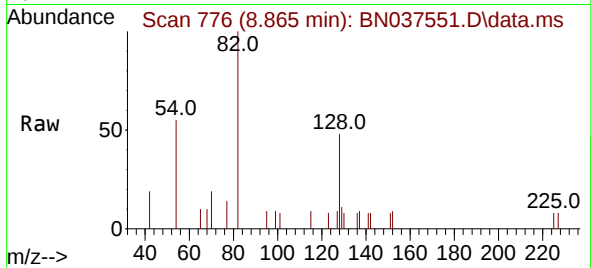




#8  
Nitrobenzene-d5  
Concen: 0.301 ng  
RT: 8.865 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

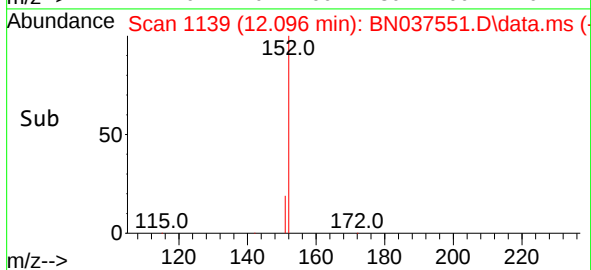
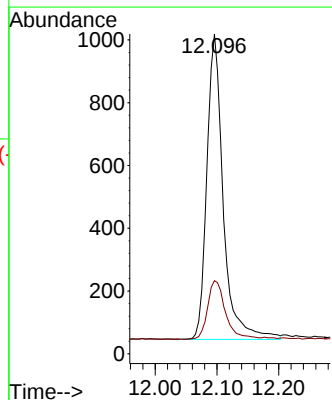
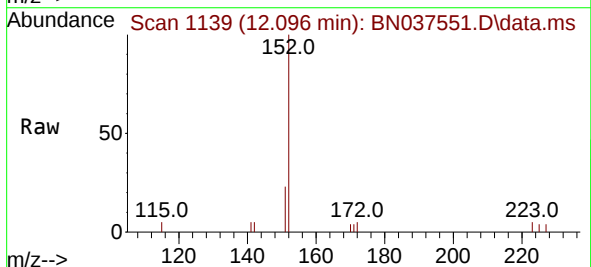
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP303-20250724

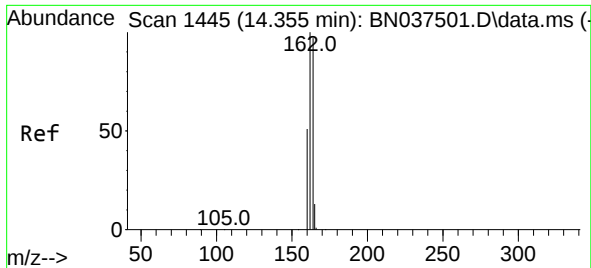
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.9  | 37.5  | 56.3  |
| 54      | 55.3  | 45.3  | 67.9  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.261 ng  
RT: 12.096 min Scan# 1139  
Delta R.T. -0.005 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 16.8  | 25.2  |

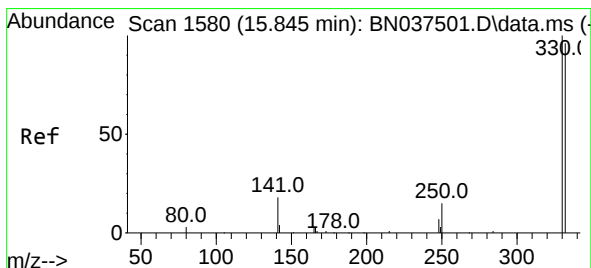
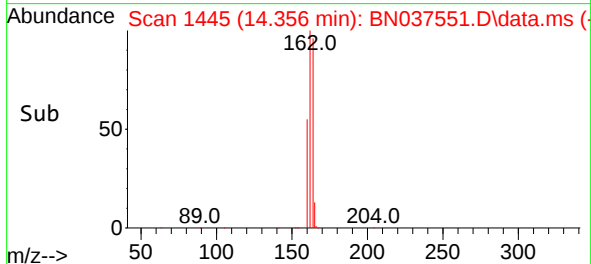
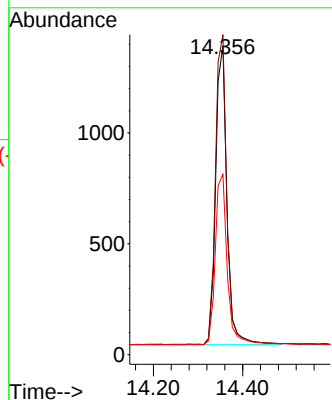
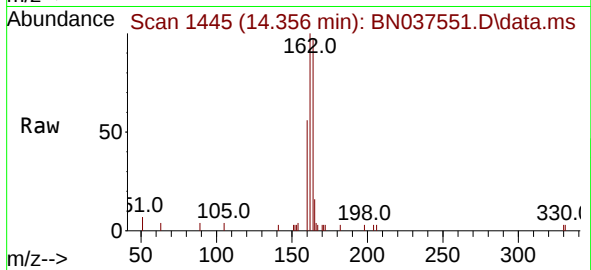




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.356 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

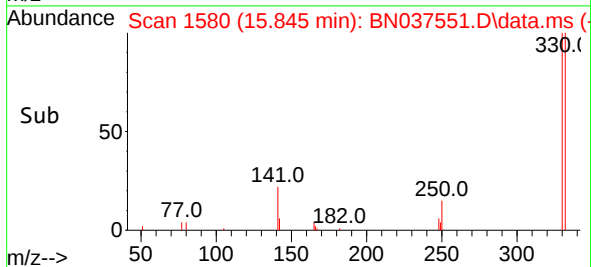
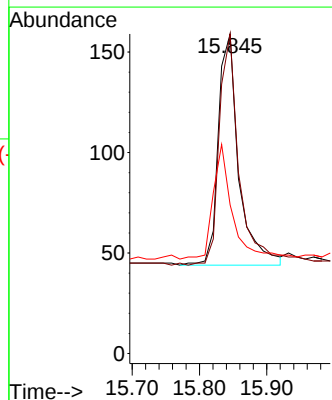
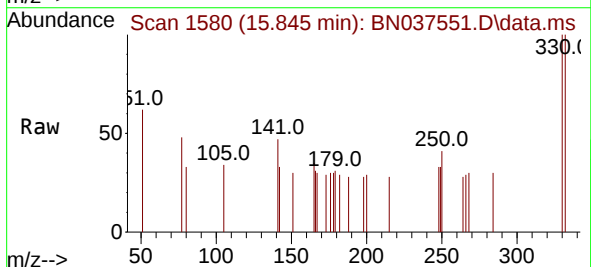
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP303-20250724

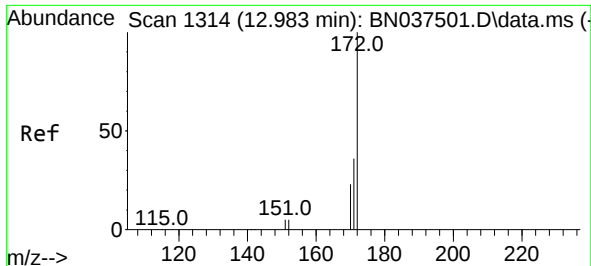
Tgt Ion:164 Resp: 2343  
Ion Ratio Lower Upper  
164 100  
162 103.6 82.0 123.0  
160 58.4 42.4 63.6



#14  
2,4,6-Tribromophenol  
Concen: 0.210 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

Tgt Ion:330 Resp: 242  
Ion Ratio Lower Upper  
330 100  
332 102.1 76.1 114.1  
141 47.1 33.4 50.0

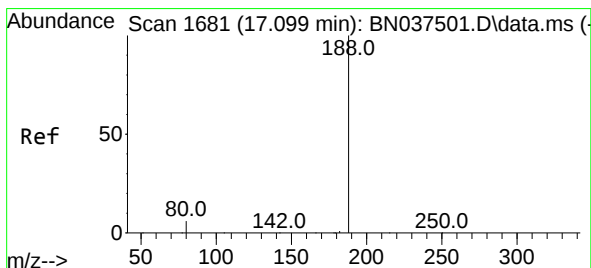
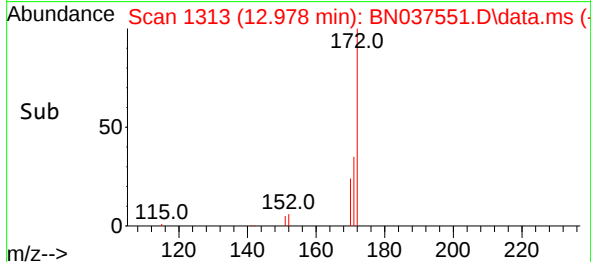
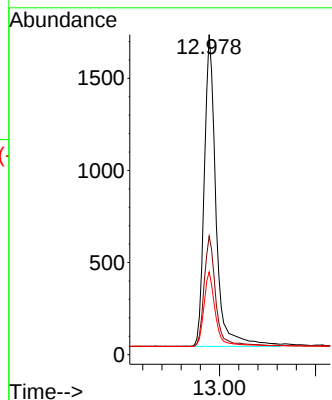
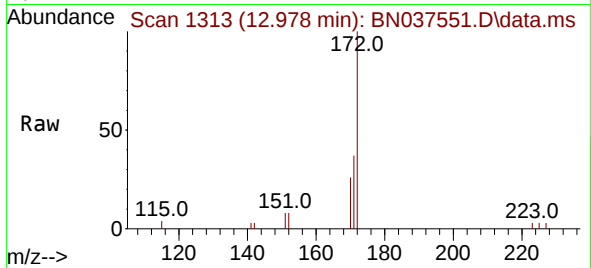




#15  
2-Fluorobiphenyl  
Concen: 0.319 ng  
RT: 12.978 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

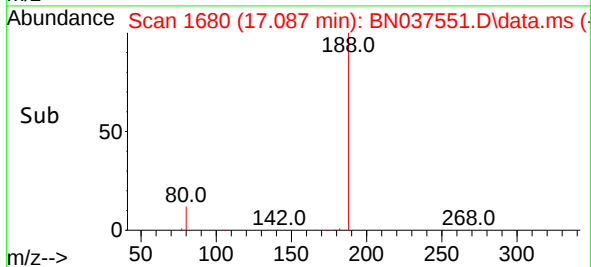
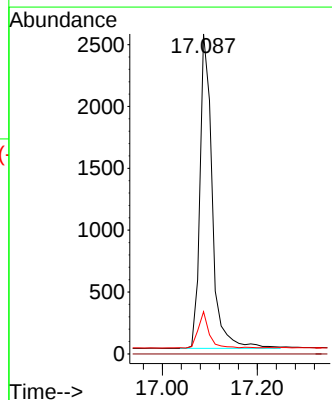
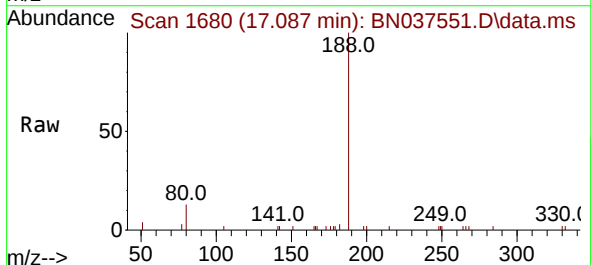
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP303-20250724

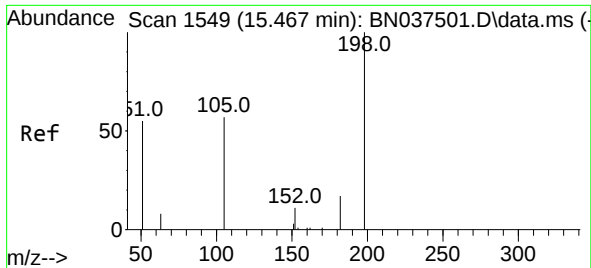
Tgt Ion:172 Resp: 3889  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.4 44.2  
170 25.8 19.4 29.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.087 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

Tgt Ion:188 Resp: 4562  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.2 6.0 9.0#

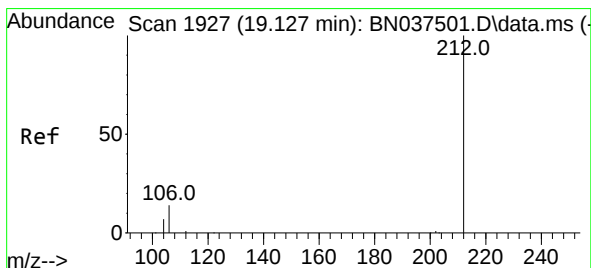
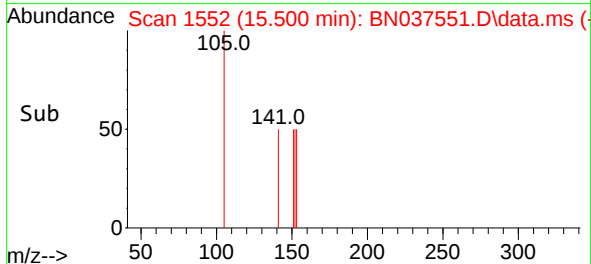
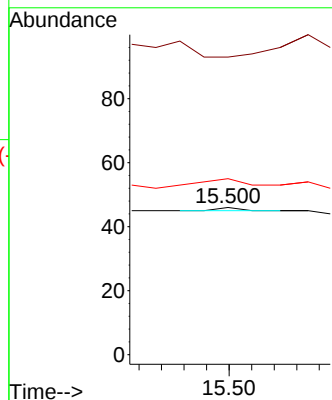
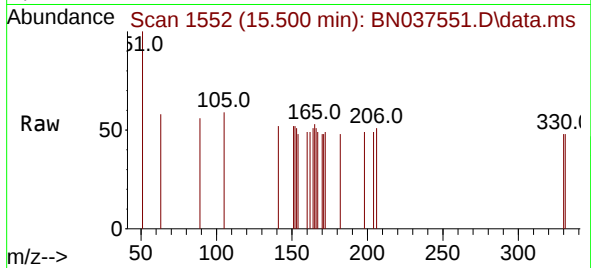




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.095 ng  
RT: 15.500 min Scan# 1552  
Delta R.T. 0.033 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

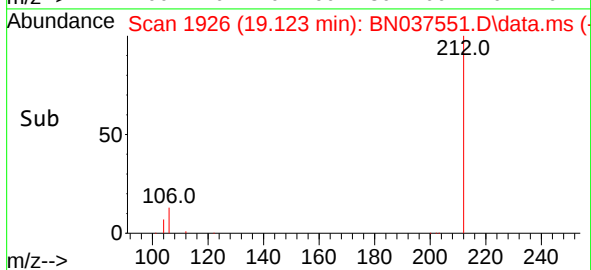
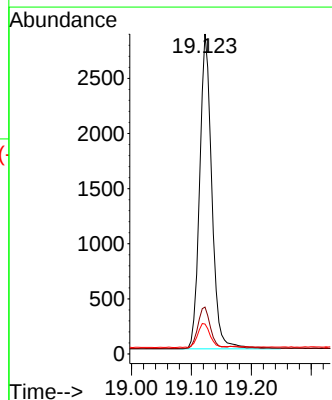
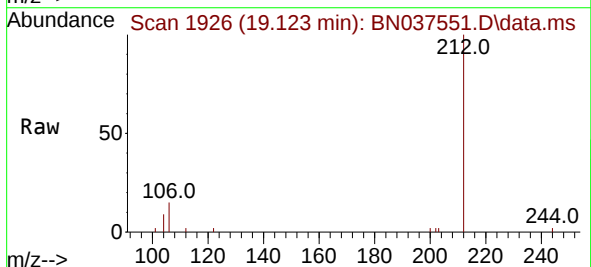
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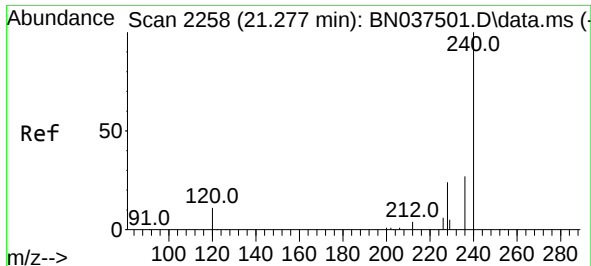
Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 202.2 88.5 132.7#  
105 119.6 61.2 91.8#



#27  
Fluoranthene-d10  
Concen: 0.334 ng  
RT: 19.123 min Scan# 1926  
Delta R.T. -0.005 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

Tgt Ion:212 Resp: 4037  
Ion Ratio Lower Upper  
212 100  
106 13.6 12.2 18.4  
104 7.7 6.7 10.1

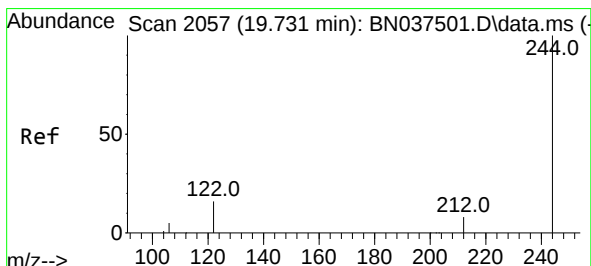
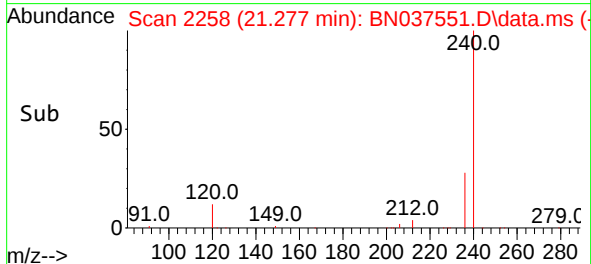
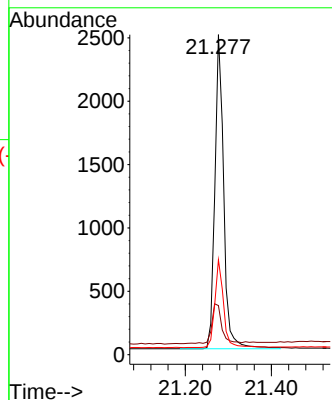
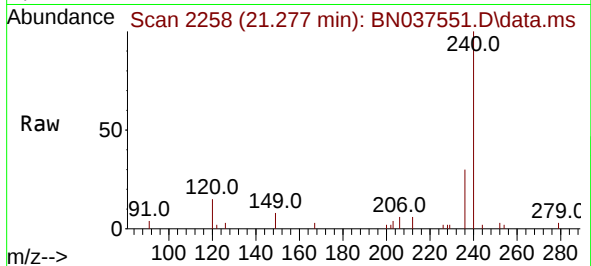




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

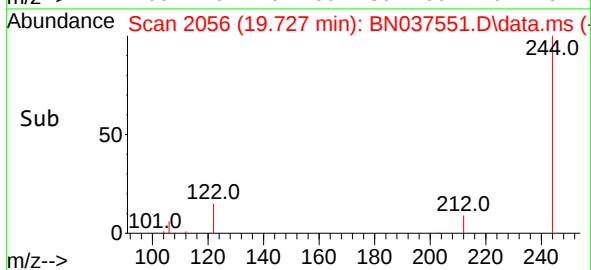
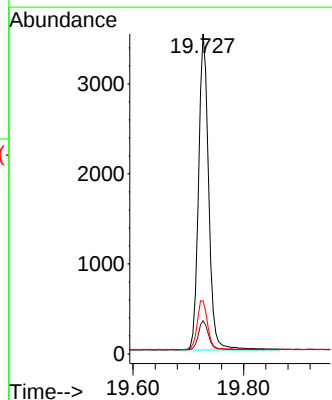
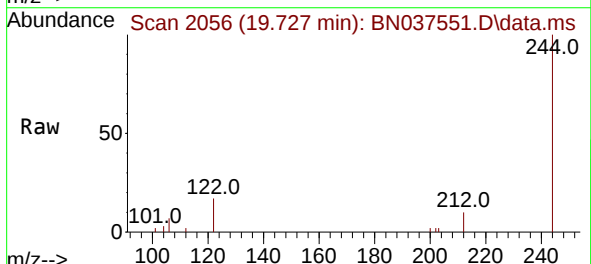
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ClientSampleId :  
RW8-SP303-20250724

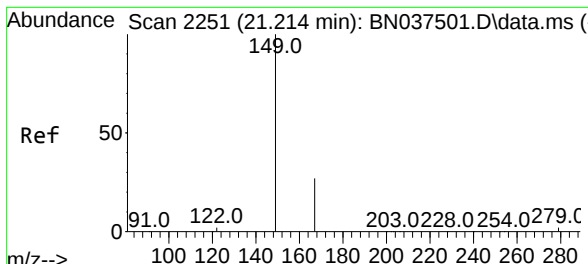
Tgt Ion:240 Resp: 3546  
Ion Ratio Lower Upper  
240 100  
120 15.3 10.7 16.1  
236 29.6 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.586 ng  
RT: 19.727 min Scan# 2056  
Delta R.T. -0.005 min  
Lab File: BN037551.D  
Acq: 30 Jul 2025 11:27

Tgt Ion:244 Resp: 4466  
Ion Ratio Lower Upper  
244 100  
212 10.3 7.4 11.2  
122 16.6 13.6 20.4

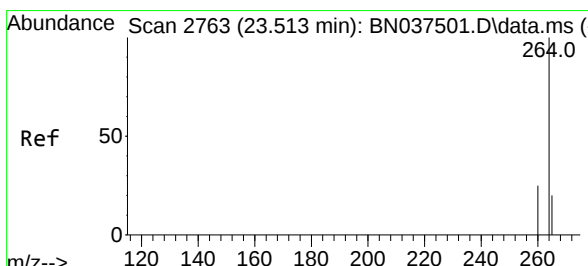
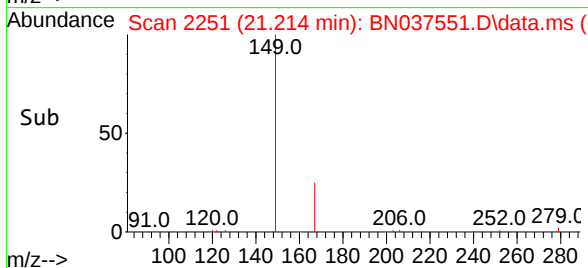
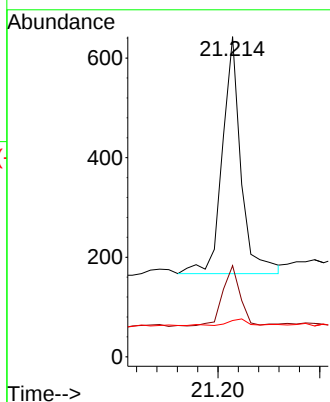
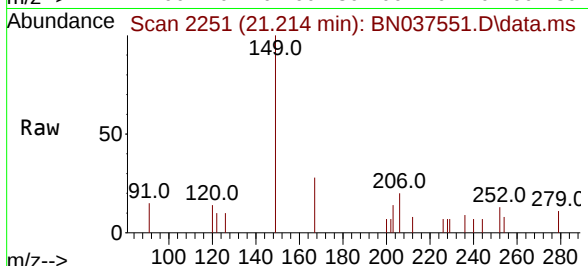




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.108 ng  
 RT: 21.214 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN037551.D  
 Acq: 30 Jul 2025 11:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP303-20250724

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 605  |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 23.8  | 21.8  | 32.8 |
| 279       | 2.6   | 3.0   | 4.4  |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.514 min Scan# 2763  
 Delta R.T. 0.000 min  
 Lab File: BN037551.D  
 Acq: 30 Jul 2025 11:27

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 3028 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 28.5  | 21.2  | 31.8 |
| 265       | 67.1  | 40.4  | 60.6 |

