

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081925\  
 Data File : BN037620.D  
 Acq On : 20 Aug 2025 05:27  
 Operator : RC/JU  
 Sample : Q2842-01DL 2X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025DL

Quant Time: Aug 20 06:13:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

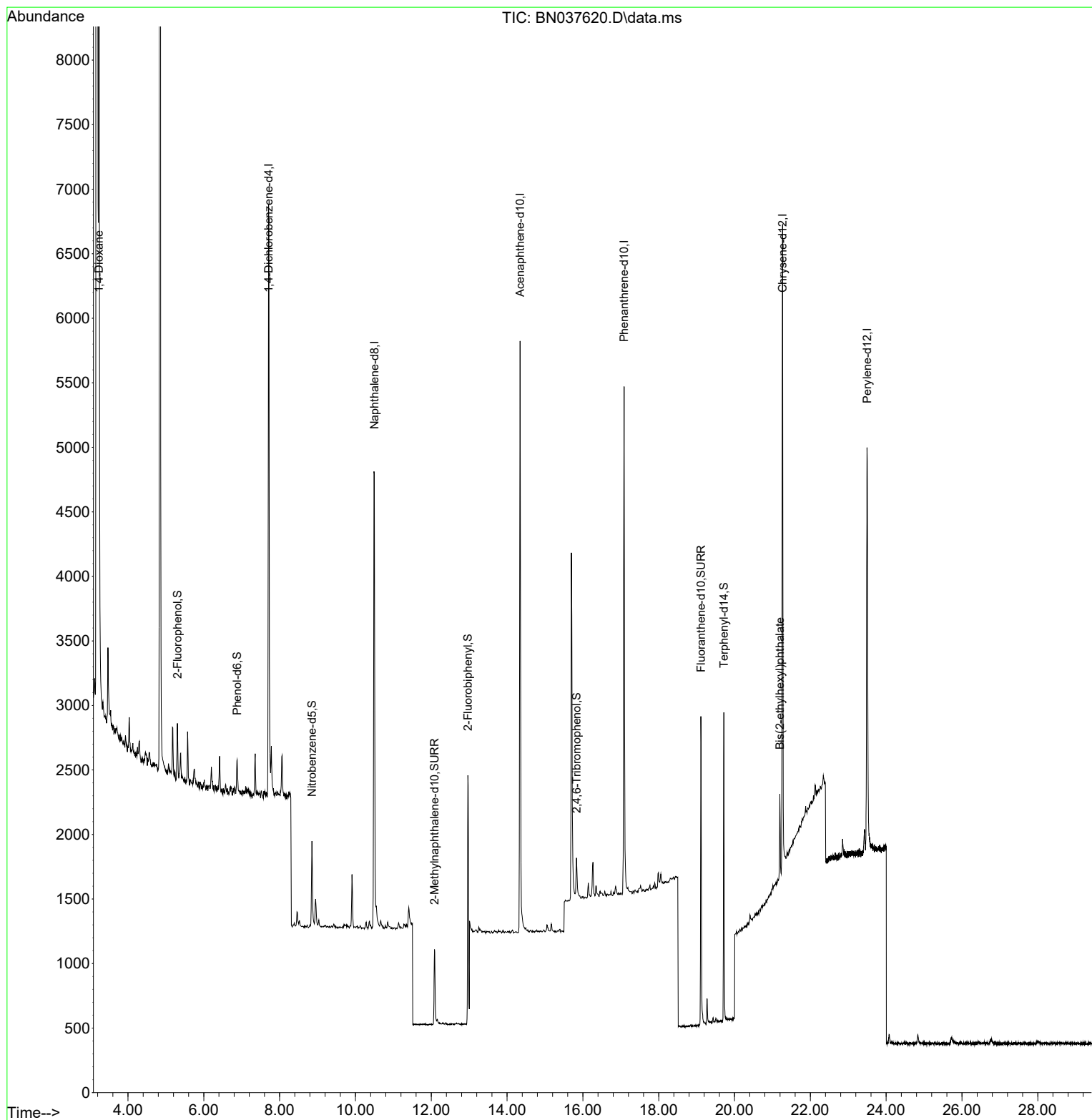
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 2332     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 5464     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2692     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.087 | 188  | 5770     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.268 | 240  | 4774     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.496 | 264  | 4470     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 333      | 0.063 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 219      | 0.034 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 567      | 0.147 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.086 | 152  | 922      | 0.124 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 210      | 0.178 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.968 | 172  | 2639     | 0.170 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.113 | 212  | 2639     | 0.174 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.717 | 244  | 2370     | 0.241 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.232  | 88   | 6690     | 2.999 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 629      | 0.096 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

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

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Misc :  
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :  
RMW-03B-90.4-08122025DL

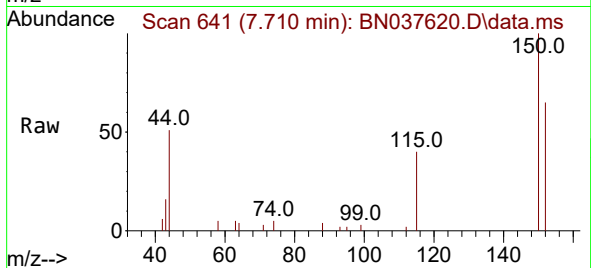
Quant Time: Aug 20 06:13:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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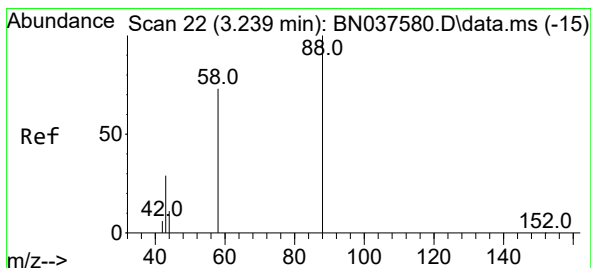
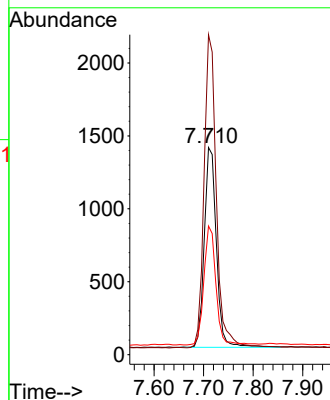
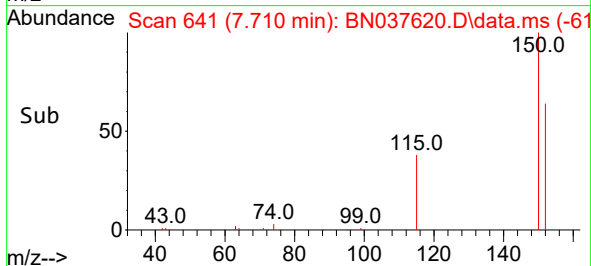


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.710 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN037620.D  
 Acq: 20 Aug 2025 05:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025DL

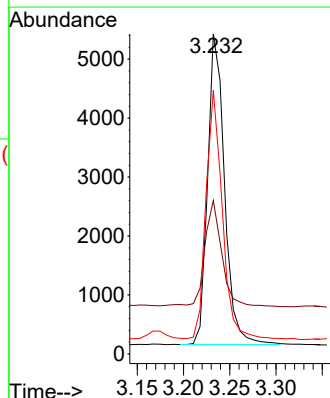
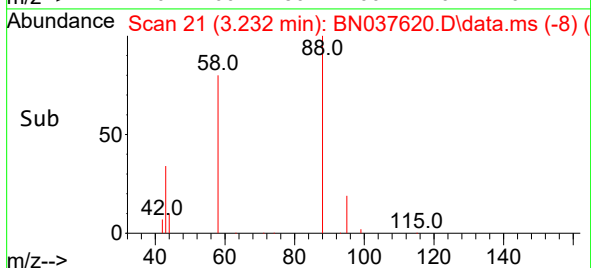
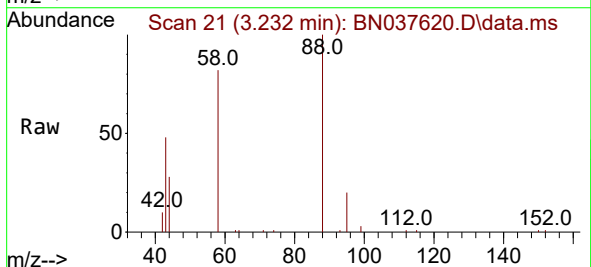


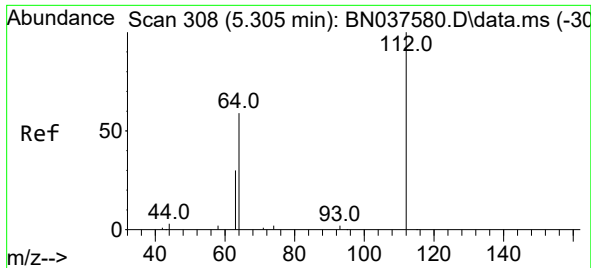
Tgt Ion:152 Resp: 2332  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 122.2 183.4  
 115 62.1 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 2.999 ng  
 RT: 3.232 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BN037620.D  
 Acq: 20 Aug 2025 05:27

Tgt Ion: 88 Resp: 6690  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 25.8 38.6  
 58 76.6 61.2 91.8

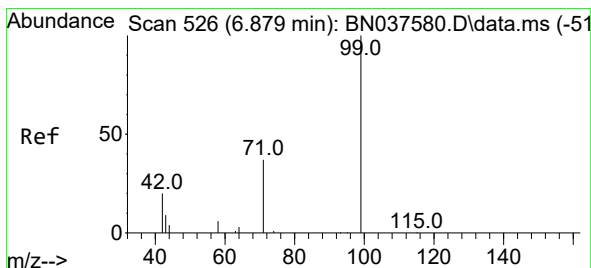
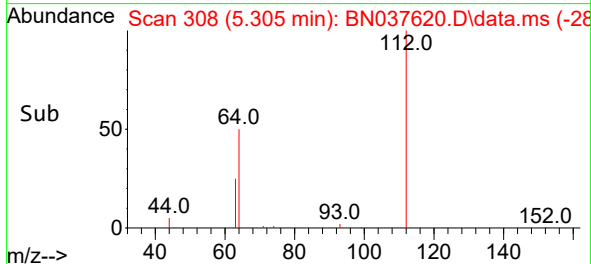
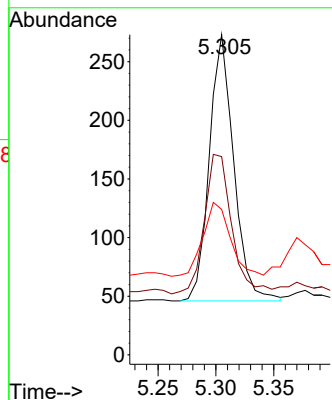
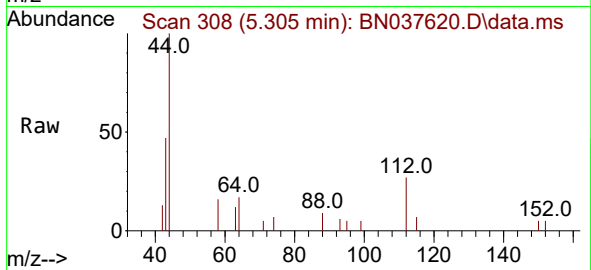




#4  
2-Fluorophenol  
Concen: 0.063 ng  
RT: 5.305 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

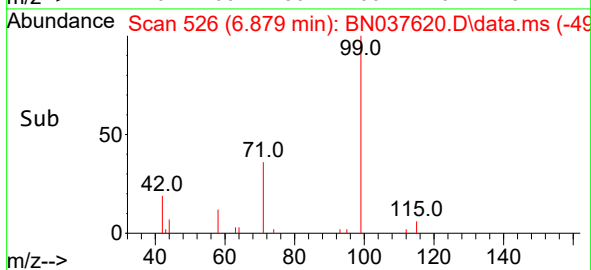
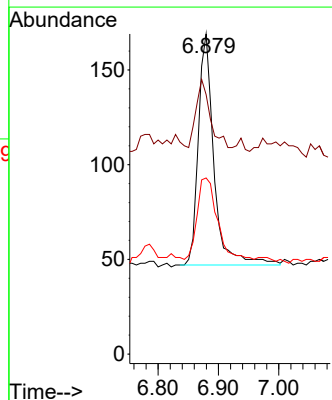
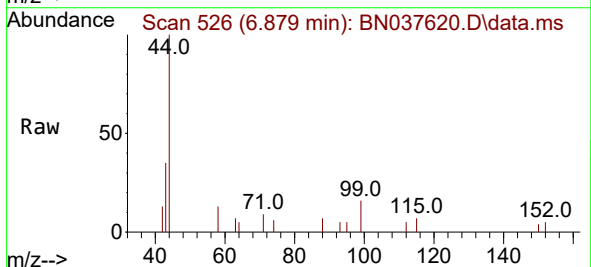
Instrument :  
BNA\_N  
ClientSampleId :  
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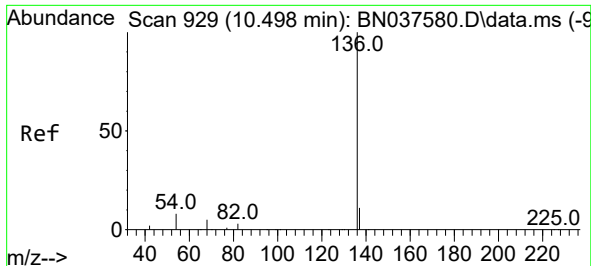
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 333   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 58.6  | 44.9  | 67.3  |
| 63       | 31.8  | 23.4  | 35.2  |



#5  
Phenol-d6  
Concen: 0.034 ng  
RT: 6.879 min Scan# 526  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 219   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.0  | 18.5  | 27.7  |
| 71       | 47.5  | 28.6  | 42.8  |

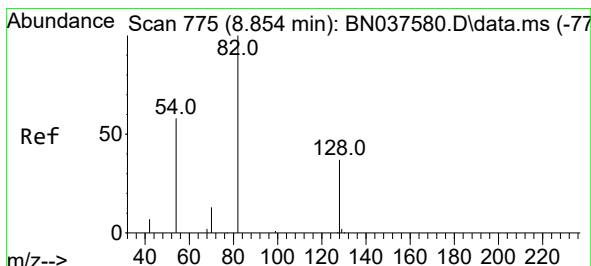
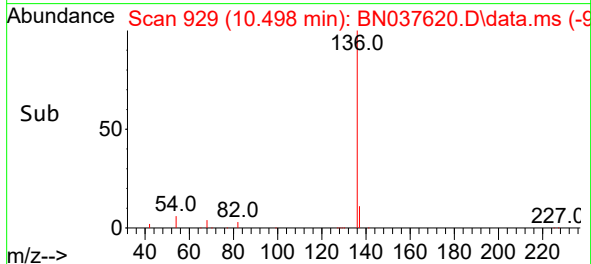
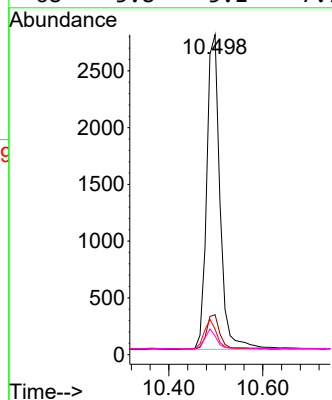
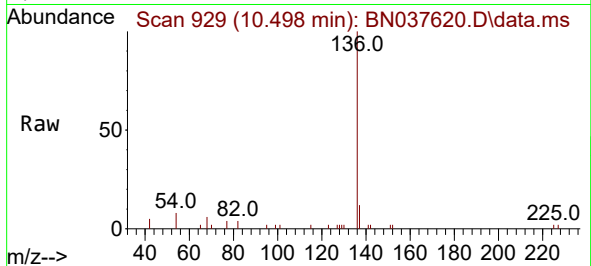




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

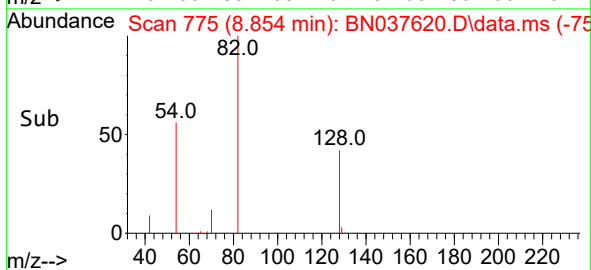
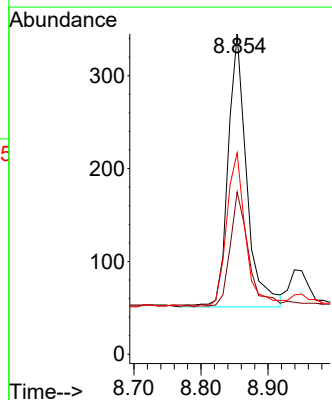
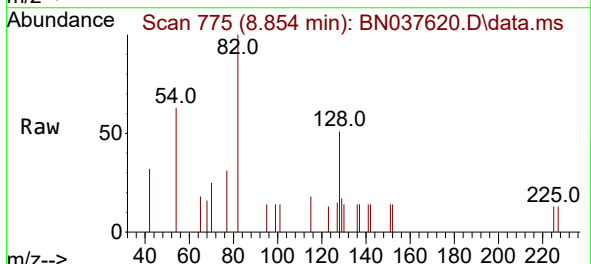
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025DL

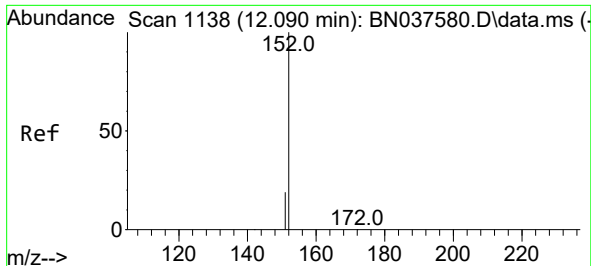
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5464  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.5  | 9.5   | 14.3  |
| 54       | 7.9   | 7.3   | 10.9  |
| 68       | 5.8   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.147 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 567   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 50.7  | 32.6  | 48.8# |
| 54       | 62.9  | 48.9  | 73.3  |

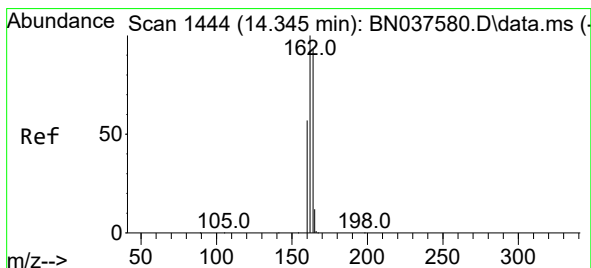
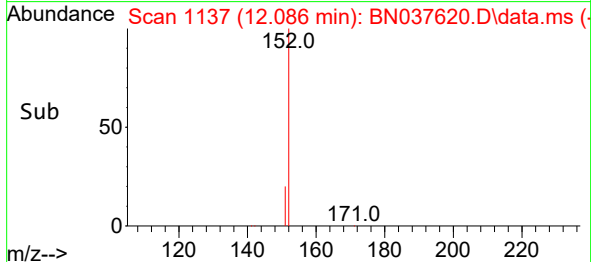
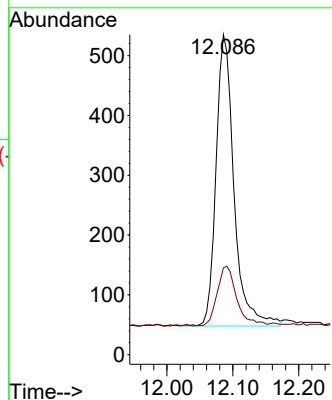
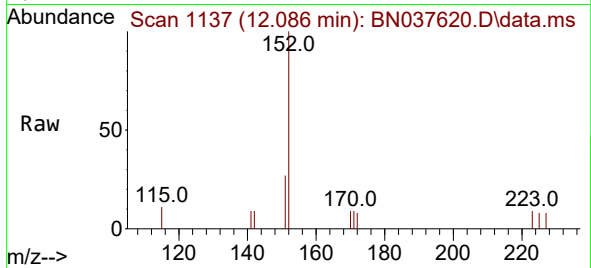




#11  
2-Methylnaphthalene-d10  
Concen: 0.124 ng  
RT: 12.086 min Scan# 1138  
Delta R.T. -0.005 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

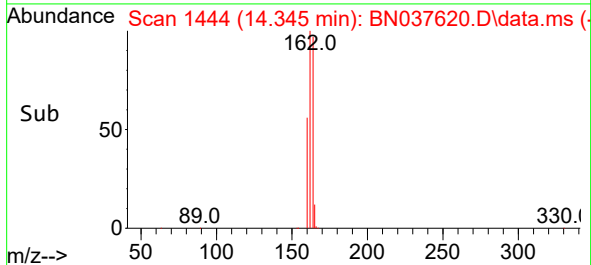
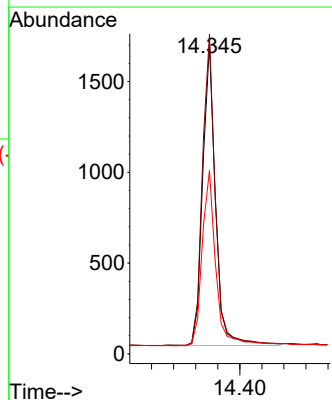
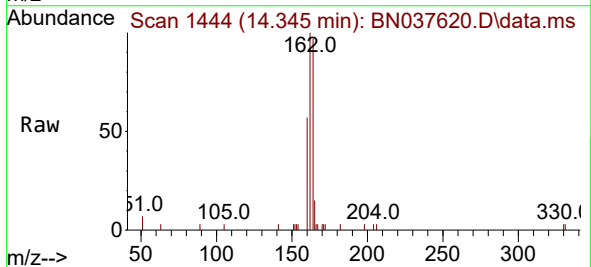
Instrument :  
BNA\_N  
ClientSampleId :  
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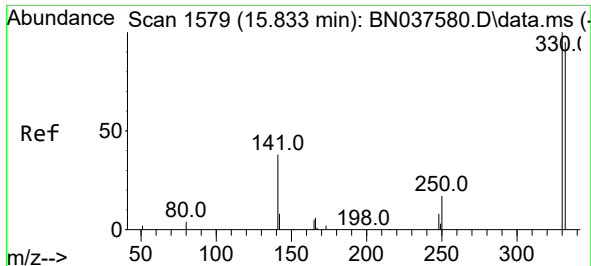
Tgt Ion:152 Resp: 922  
Ion Ratio Lower Upper  
152 100  
151 22.5 17.3 25.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

Tgt Ion:164 Resp: 2692  
Ion Ratio Lower Upper  
164 100  
162 103.3 85.5 128.3  
160 59.2 49.5 74.3

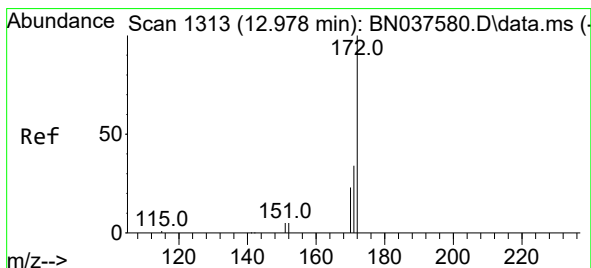
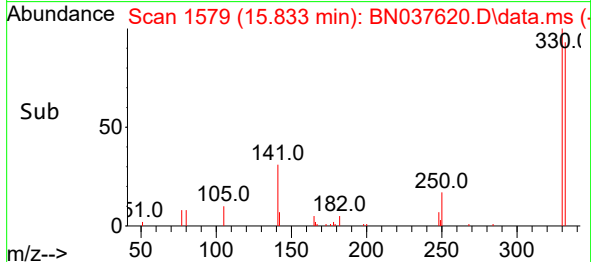
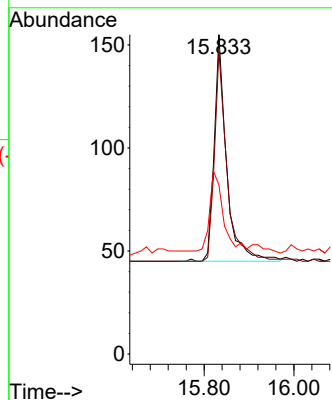
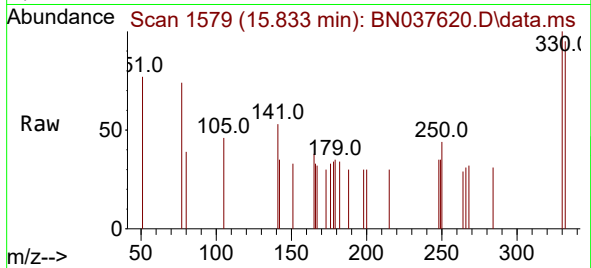




#14  
2,4,6-Tribromophenol  
Concen: 0.178 ng  
RT: 15.833 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

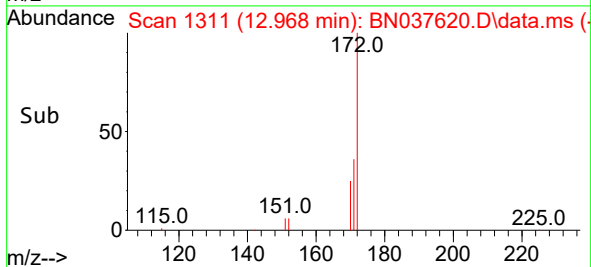
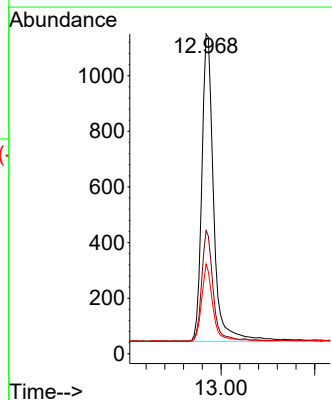
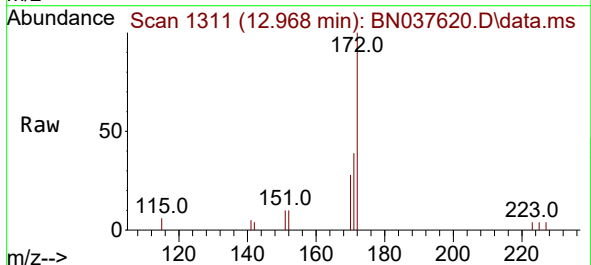
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025DL

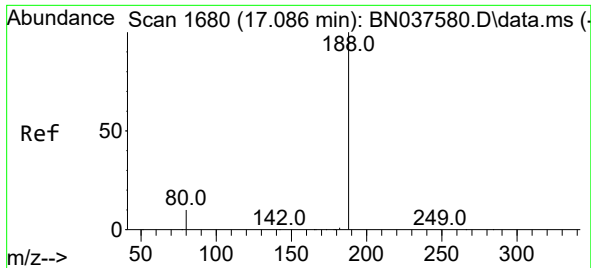
Tgt Ion:330 Resp: 210  
Ion Ratio Lower Upper  
330 100  
332 93.8 77.4 116.0  
141 38.1 30.9 46.3



#15  
2-Fluorobiphenyl  
Concen: 0.170 ng  
RT: 12.968 min Scan# 1311  
Delta R.T. -0.010 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

Tgt Ion:172 Resp: 2639  
Ion Ratio Lower Upper  
172 100  
171 38.5 28.2 42.4  
170 28.1 19.2 28.8

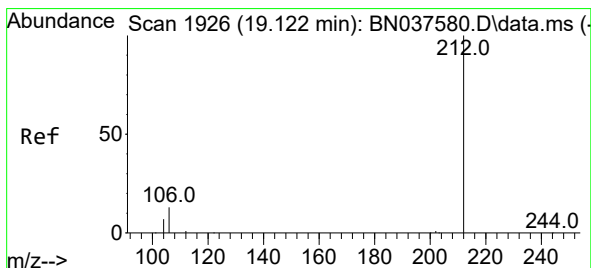
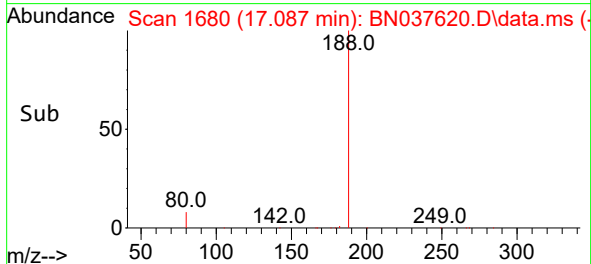
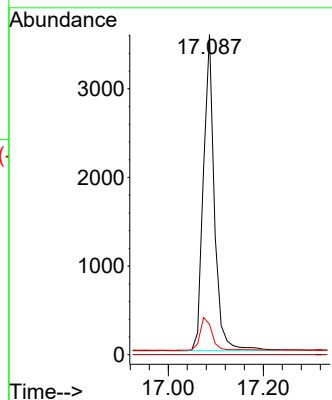
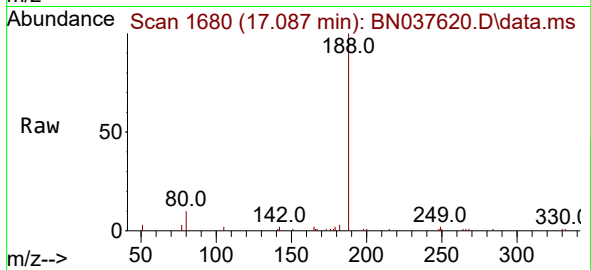




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.087 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

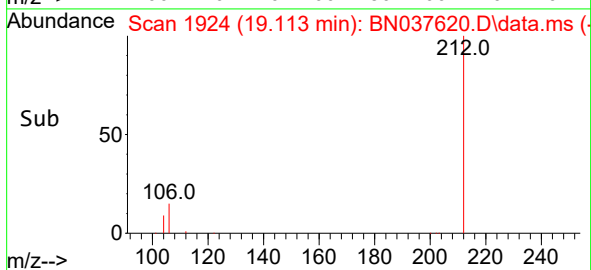
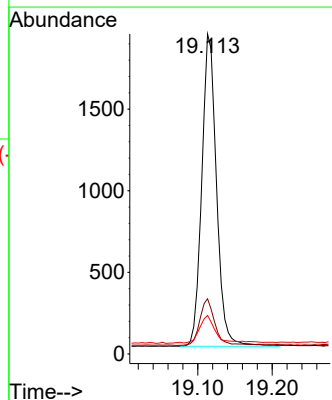
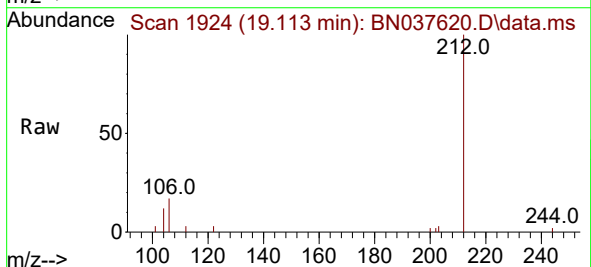
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ClientSampleId :  
RMW-03B-90.4-08122025DL

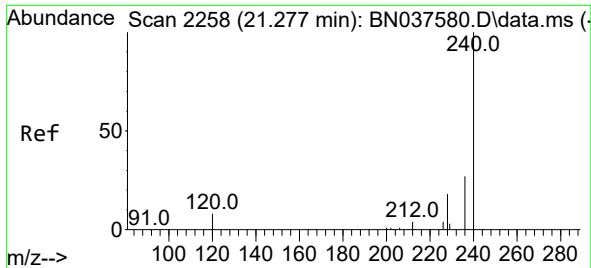
Tgt Ion:188 Resp: 5770  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.6 9.1 13.7



#27  
Fluoranthene-d10  
Concen: 0.174 ng  
RT: 19.113 min Scan# 1924  
Delta R.T. -0.009 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

Tgt Ion:212 Resp: 2639  
Ion Ratio Lower Upper  
212 100  
106 15.1 11.5 17.3  
104 9.0 6.6 9.8

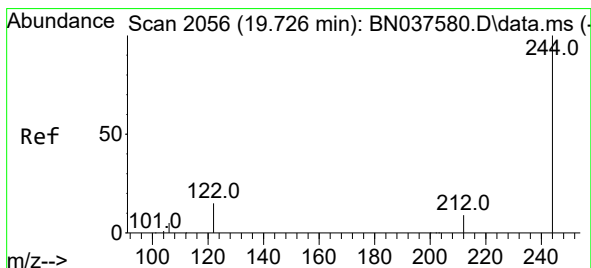
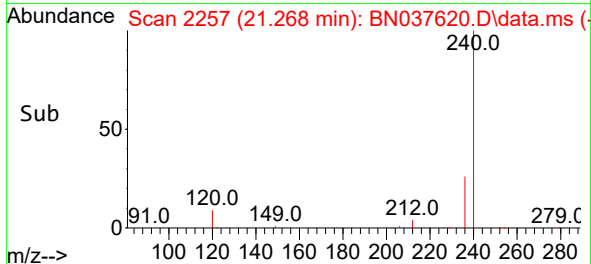
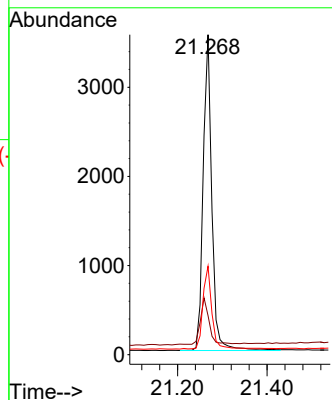
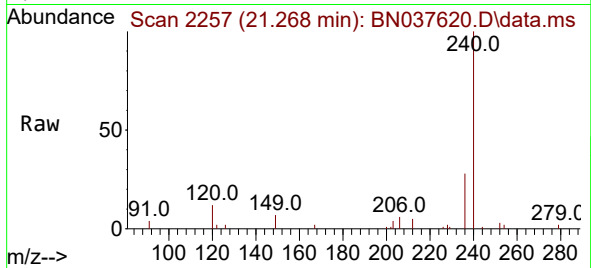




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.268 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

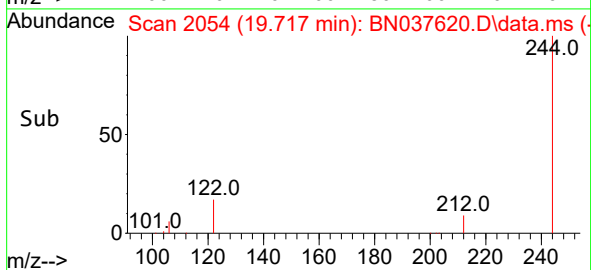
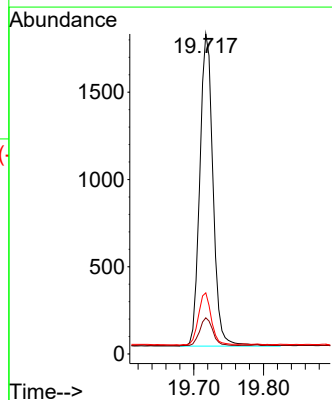
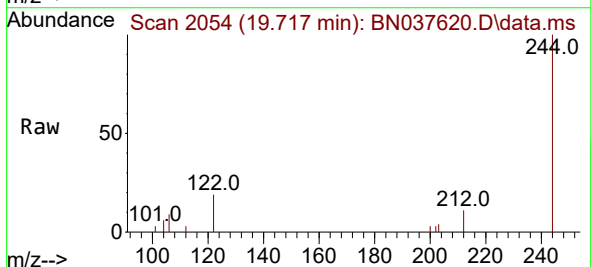
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025DL

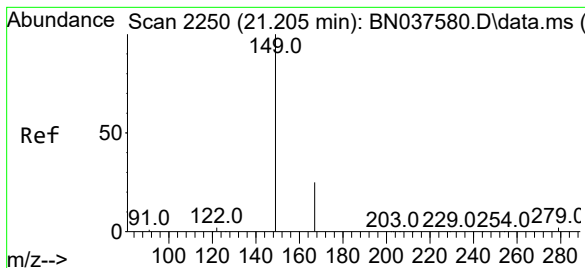
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120 12.2 8.9 13.3  
236 27.7 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.241 ng  
RT: 19.717 min Scan# 2054  
Delta R.T. -0.009 min  
Lab File: BN037620.D  
Acq: 20 Aug 2025 05:27

Tgt Ion:244 Resp: 2370  
Ion Ratio Lower Upper  
244 100  
212 11.3 8.2 12.2  
122 19.1 13.2 19.8

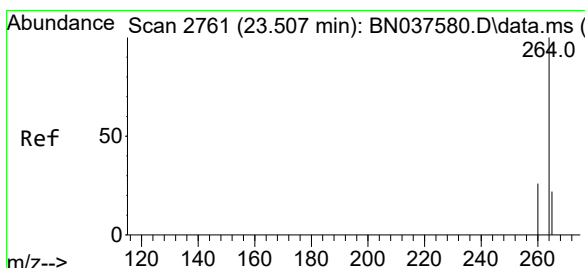
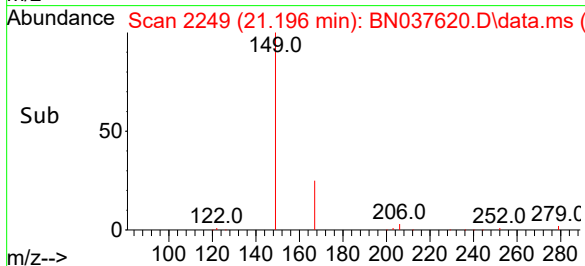
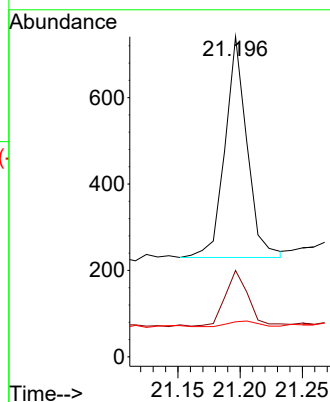
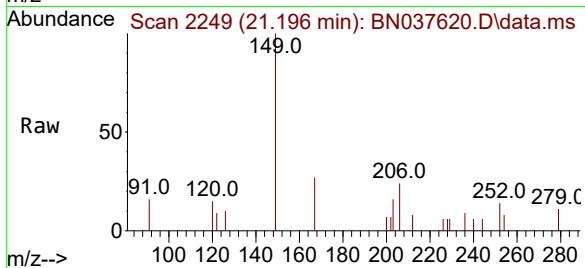




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.096 ng  
 RT: 21.196 min Scan# 2119  
 Delta R.T. -0.009 min  
 Lab File: BN037620.D  
 Acq: 20 Aug 2025 05:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025DL

Tgt Ion:149 Resp: 629  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 20.5 30.7  
 279 3.2 2.6 4.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.496 min Scan# 2757  
 Delta R.T. -0.011 min  
 Lab File: BN037620.D  
 Acq: 20 Aug 2025 05:27

Tgt Ion:264 Resp: 4470  
 Ion Ratio Lower Upper  
 264 100  
 260 26.2 21.6 32.4  
 265 71.4 48.2 72.4

