

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036749.D  
 Acq On : 27 Mar 2025 22:15  
 Operator : RC/JU  
 Sample : Q1608-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D4-20250318

Quant Time: Mar 28 00:58:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

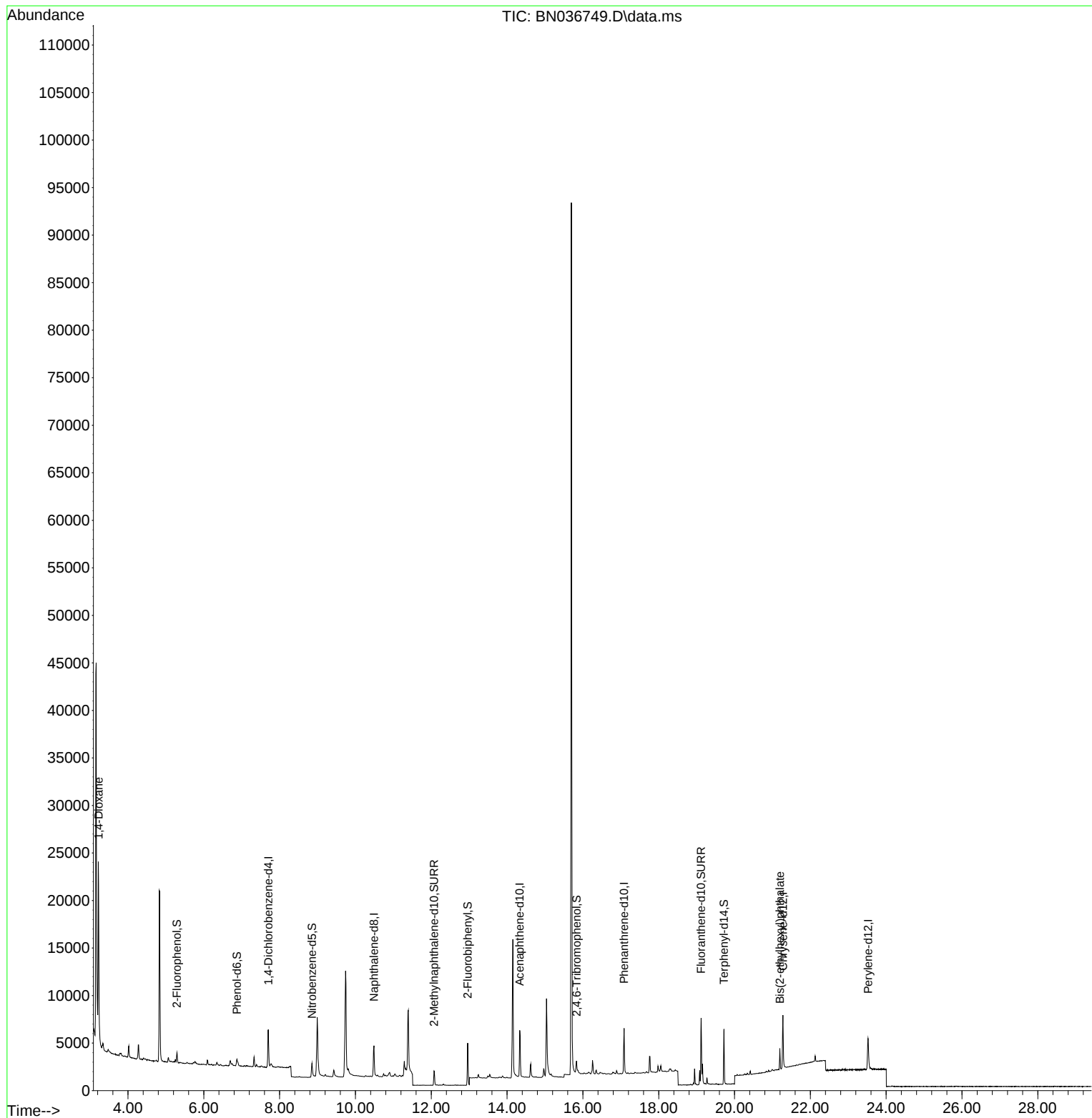
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.703  | 152  | 1863     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.488 | 136  | 4600     | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2953     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.087 | 188  | 6367     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 5663     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.522 | 264  | 4996     | 0.400 | ng    | #-0.03   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 769      | 0.177 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.872  | 99   | 567      | 0.106 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1430     | 0.286 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.075 | 152  | 2127     | 0.311 | ng    | -0.04    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 623      | 0.465 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 5365     | 0.312 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 7825     | 0.480 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 5510     | 0.406 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 10113    | 4.893 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 2009     | 0.143 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

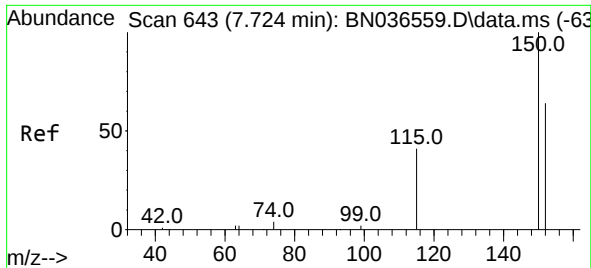
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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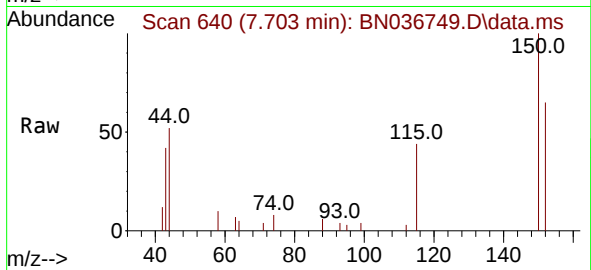
Quant Time: Mar 28 00:58:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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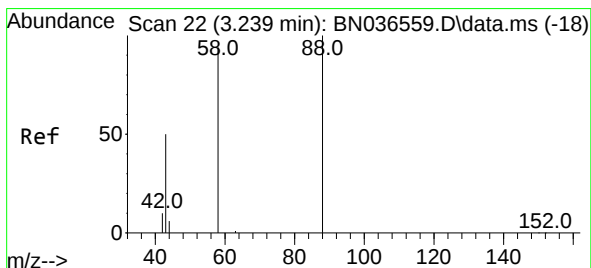
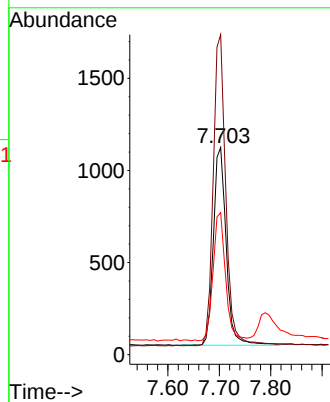
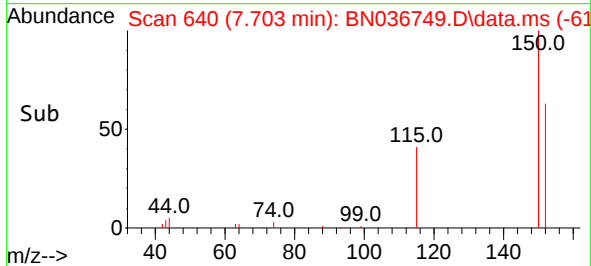


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.703 min Scan# 64  
 Delta R.T. -0.021 min  
 Lab File: BN036749.D  
 Acq: 27 Mar 2025 22:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D4-20250318

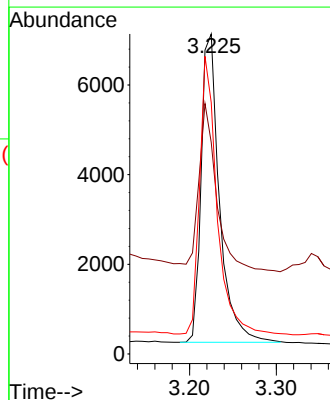
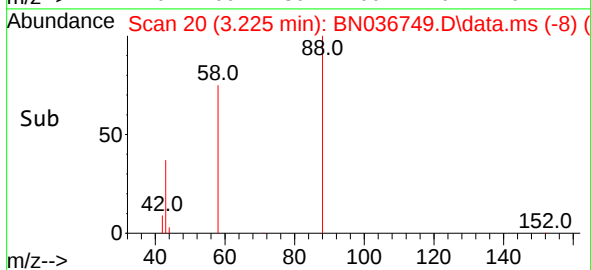
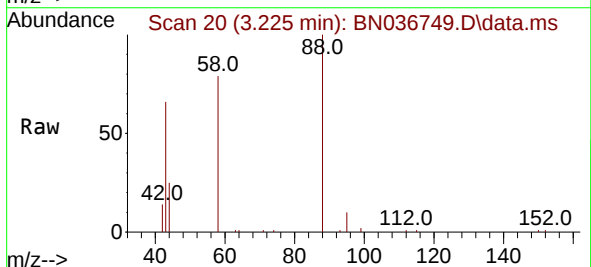


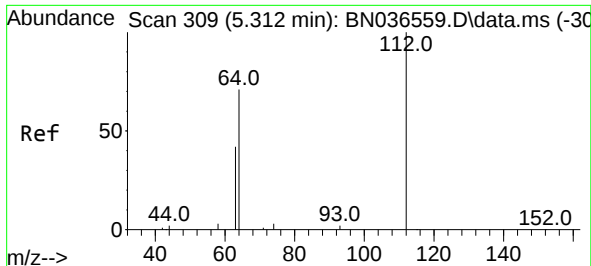
Tgt Ion:152 Resp: 1863  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 123.7 185.5  
 115 68.5 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 4.893 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036749.D  
 Acq: 27 Mar 2025 22:15

Tgt Ion: 88 Resp: 10113  
 Ion Ratio Lower Upper  
 88 100  
 43 54.4 37.8 56.8  
 58 85.2 67.4 101.2

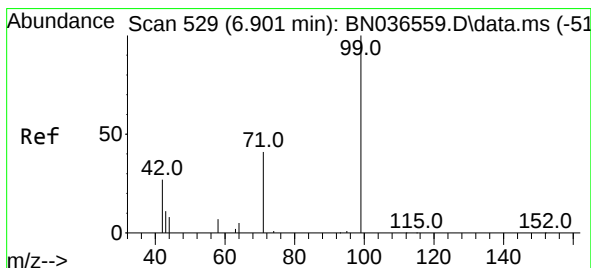
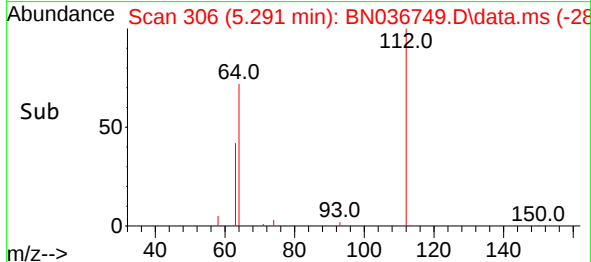
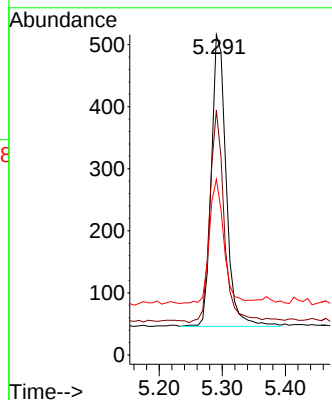
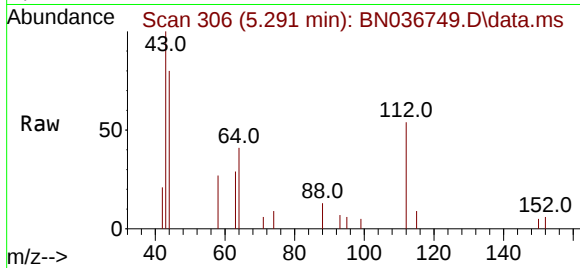




#4  
2-Fluorophenol  
Concen: 0.177 ng  
RT: 5.291 min Scan# 306  
Delta R.T. -0.022 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

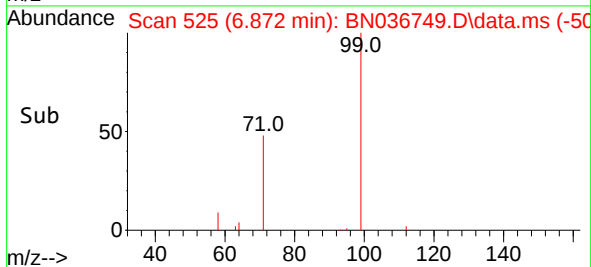
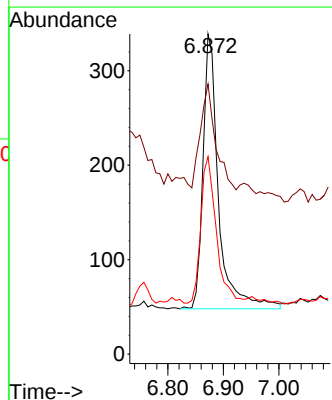
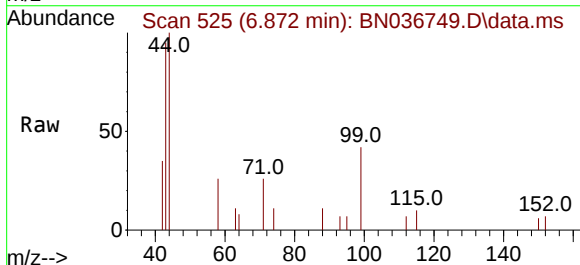
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BNA\_N  
ClientSampleId :  
RE132D4-20250318

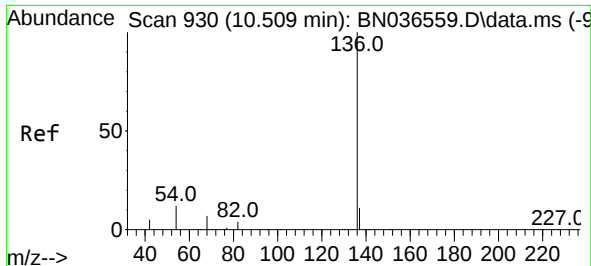
Tgt Ion:112 Resp: 769  
Ion Ratio Lower Upper  
112 100  
64 70.2 53.1 79.7  
63 40.3 31.8 47.8



#5  
Phenol-d6  
Concen: 0.106 ng  
RT: 6.872 min Scan# 525  
Delta R.T. -0.029 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

Tgt Ion: 99 Resp: 567  
Ion Ratio Lower Upper  
99 100  
42 39.0 26.5 39.7  
71 52.9 34.1 51.1#

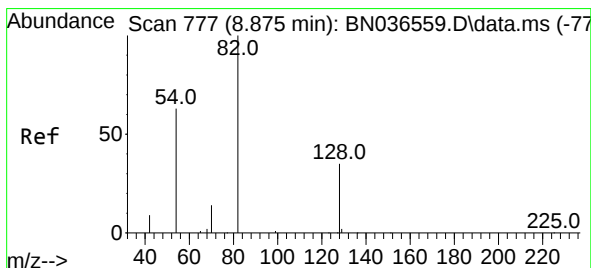
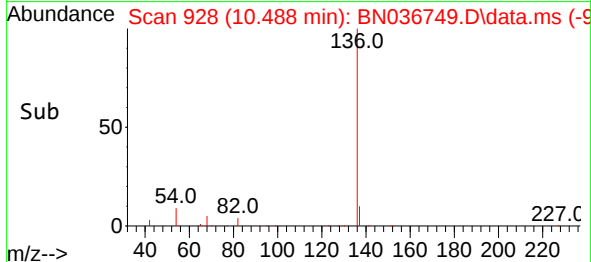
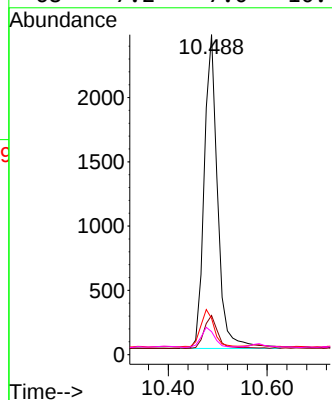
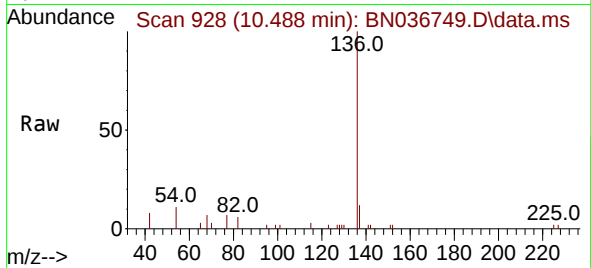




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.488 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

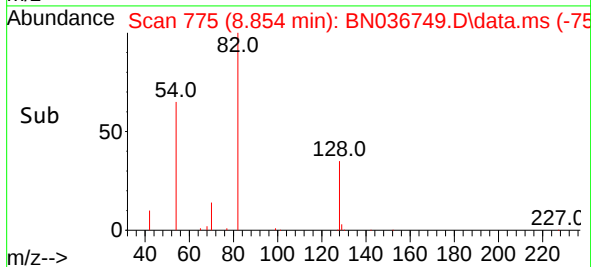
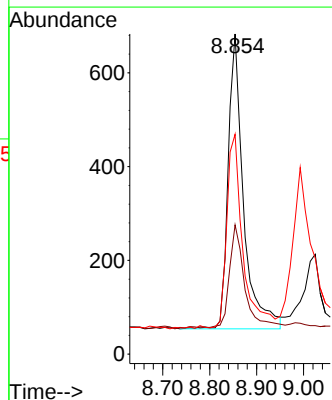
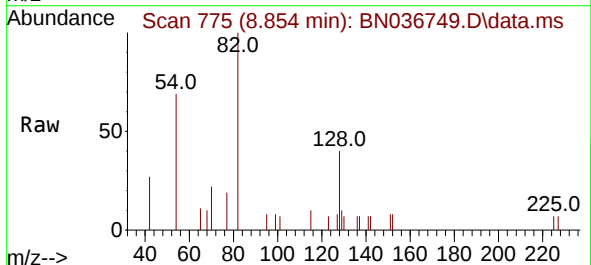
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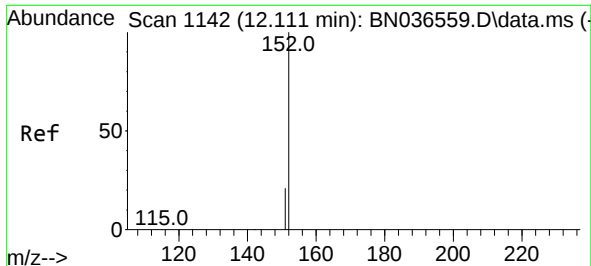
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:136 | Resp: | 4600       |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 12.3  | 10.3 15.5  |
| 54          | 11.3  | 11.5 17.3# |
| 68          | 7.2   | 7.0 10.4   |



#8  
Nitrobenzene-d5  
Concen: 0.286 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 1430      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 40.4  | 30.6 45.8 |
| 54          | 68.7  | 52.2 78.4 |

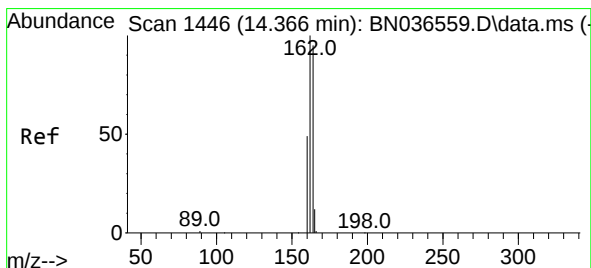
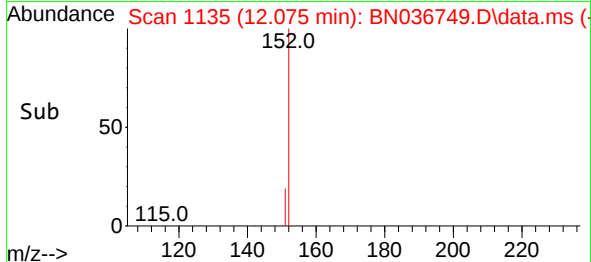
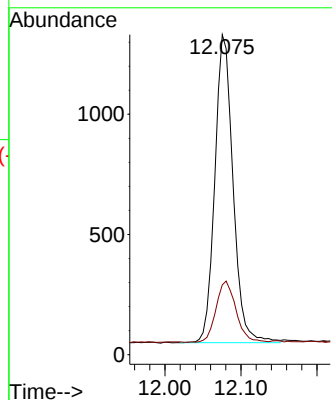
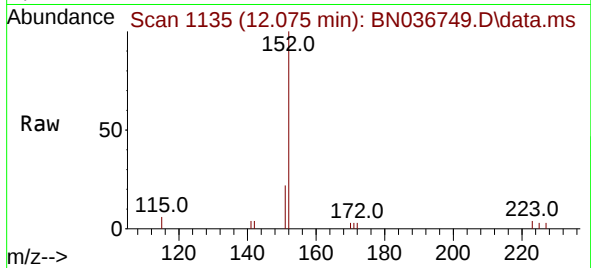




#11  
2-Methylnaphthalene-d10  
Concen: 0.311 ng  
RT: 12.075 min Scan# 1142  
Delta R.T. -0.035 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

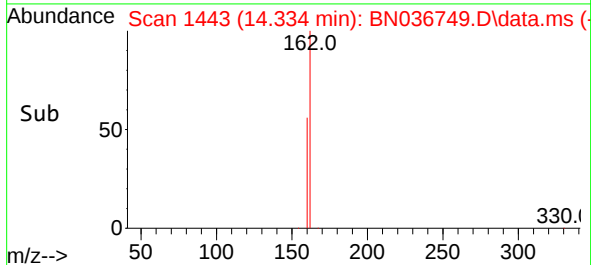
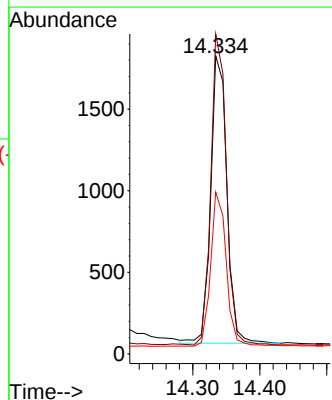
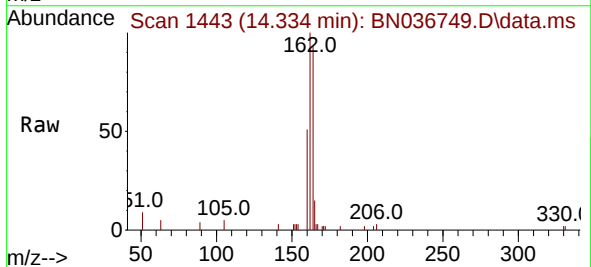
Instrument :  
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ClientSampleId :  
RE132D4-20250318

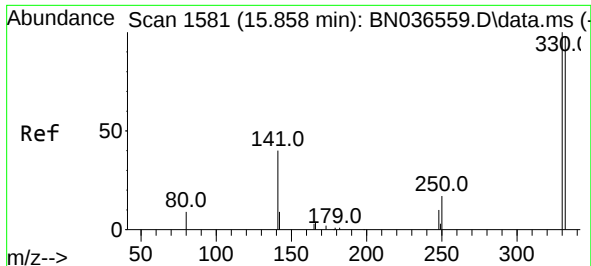
Tgt Ion:152 Resp: 2127  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1443  
Delta R.T. -0.032 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

Tgt Ion:164 Resp: 2953  
Ion Ratio Lower Upper  
164 100  
162 107.3 84.2 126.2  
160 54.3 42.2 63.2

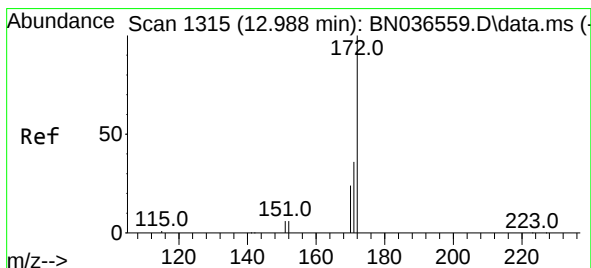
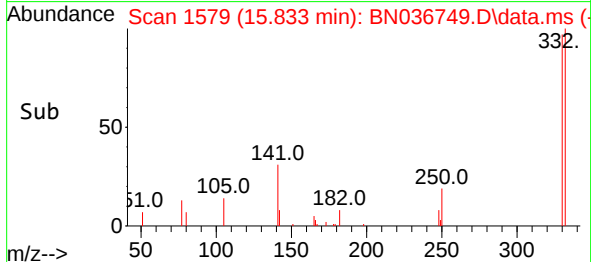
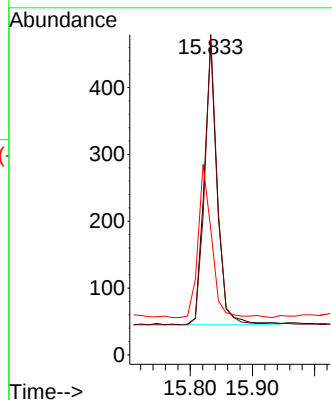
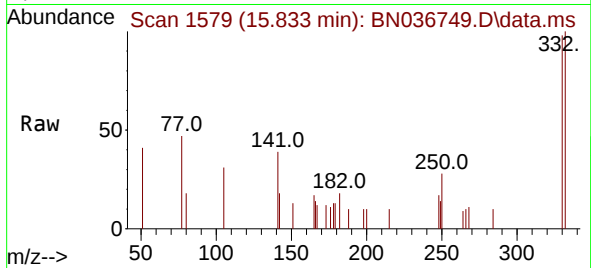




#14  
2,4,6-Tribromophenol  
Concen: 0.465 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

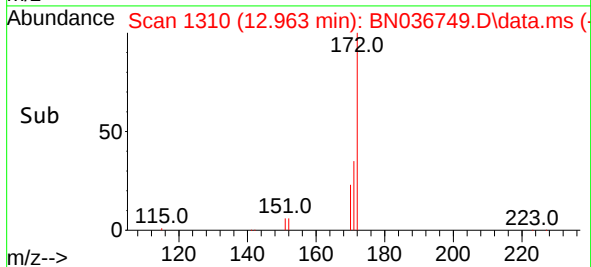
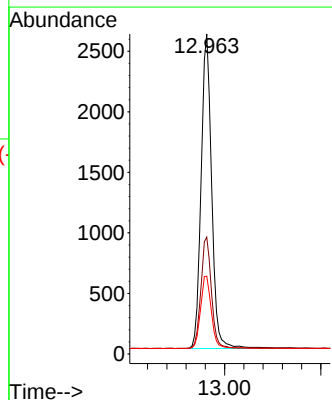
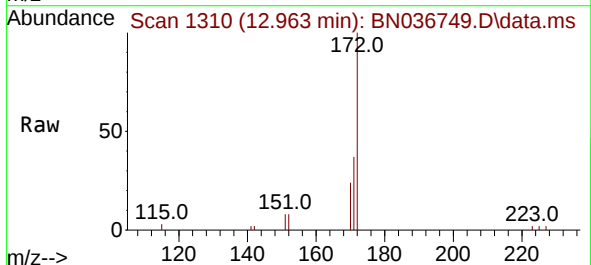
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20250318

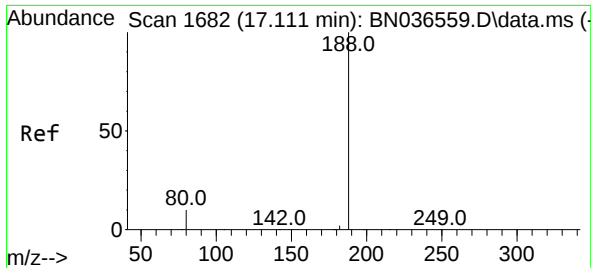
Tgt Ion:330 Resp: 623  
Ion Ratio Lower Upper  
330 100  
332 97.8 75.2 112.8  
141 57.0 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.312 ng  
RT: 12.963 min Scan# 1310  
Delta R.T. -0.025 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

Tgt Ion:172 Resp: 5365  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.5 44.3  
170 24.3 20.2 30.4

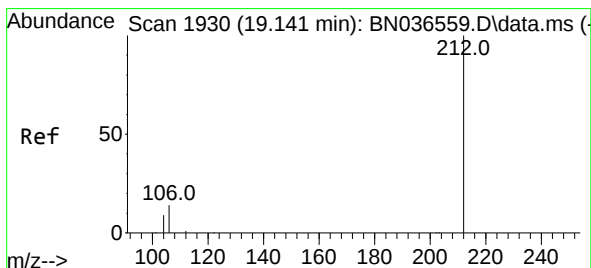
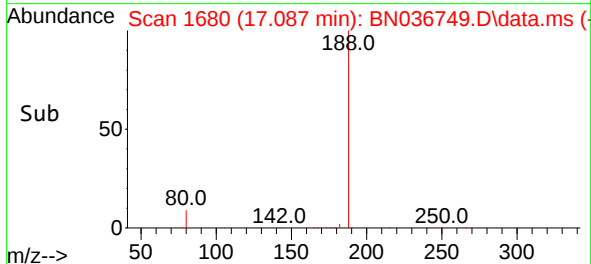
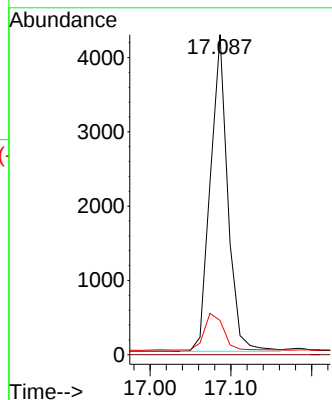
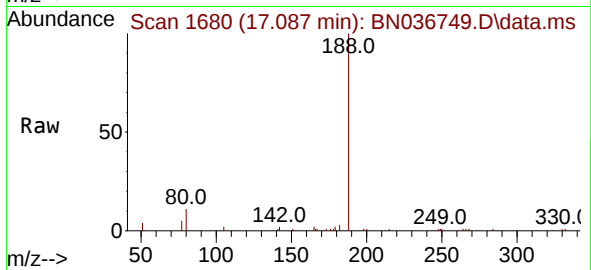




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.087 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

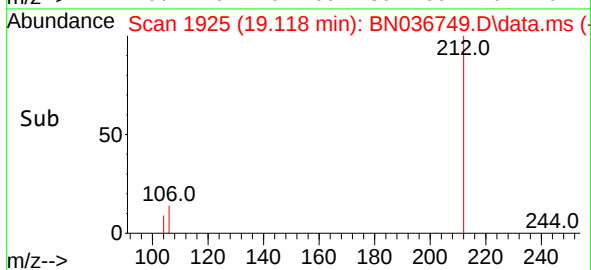
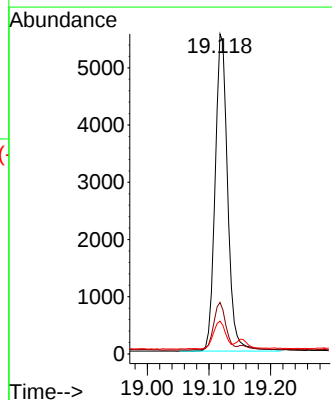
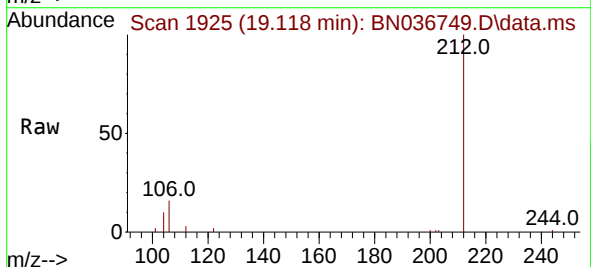
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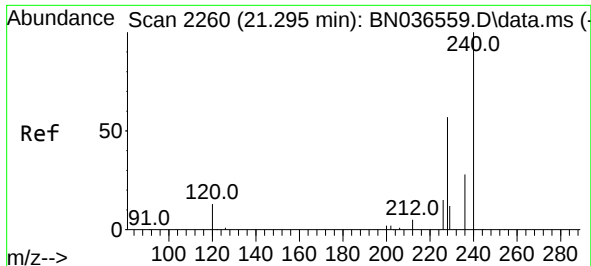
Tgt Ion:188 Resp: 6367  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 8.8 13.2



#27  
Fluoranthene-d10  
Concen: 0.480 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.023 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

Tgt Ion:212 Resp: 7825  
Ion Ratio Lower Upper  
212 100  
106 14.6 11.8 17.6  
104 8.4 7.3 10.9

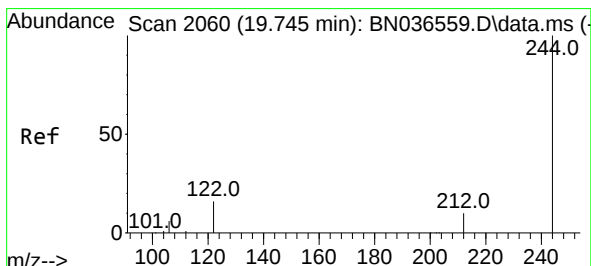
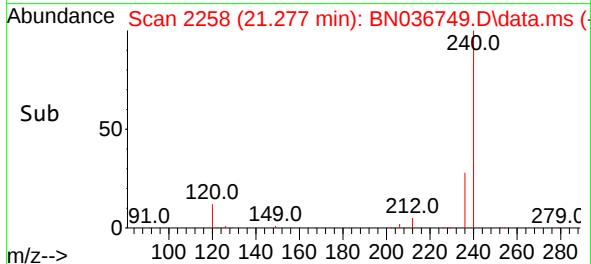
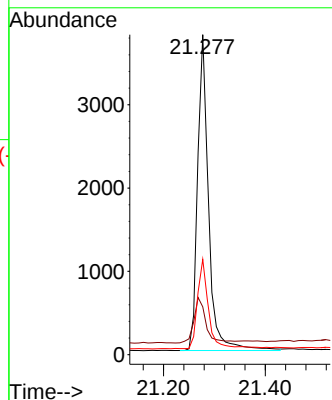
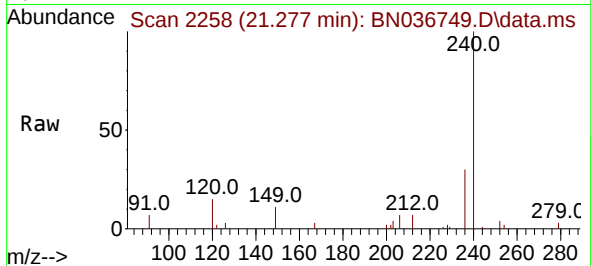




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

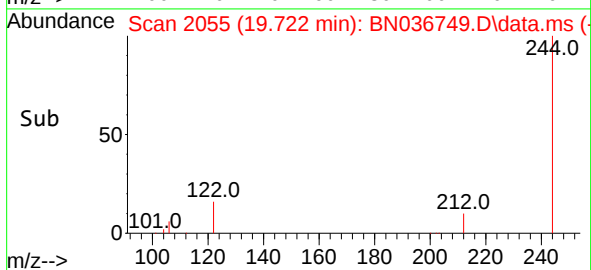
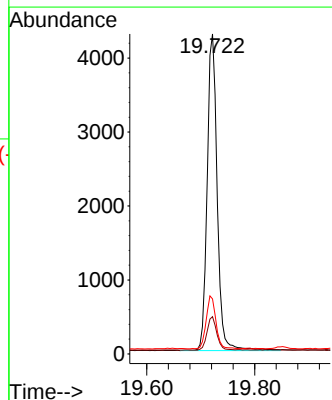
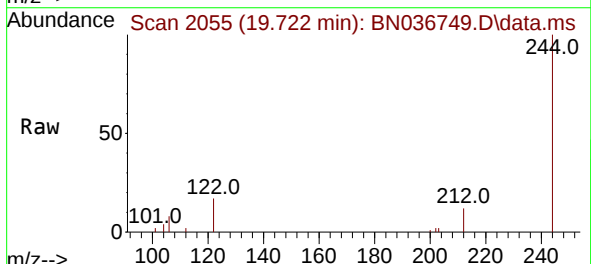
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20250318

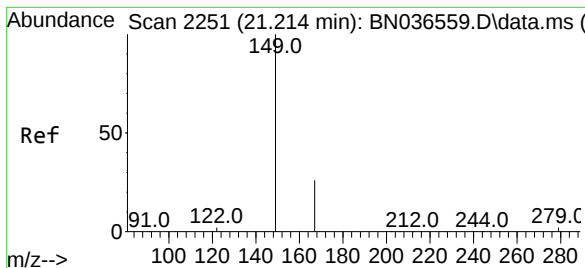
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Ion Ratio Lower Upper  
240 100  
120 14.9 14.6 22.0  
236 29.8 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.406 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.023 min  
Lab File: BN036749.D  
Acq: 27 Mar 2025 22:15

Tgt Ion:244 Resp: 5510  
Ion Ratio Lower Upper  
244 100  
212 11.6 9.6 14.4  
122 17.2 13.9 20.9

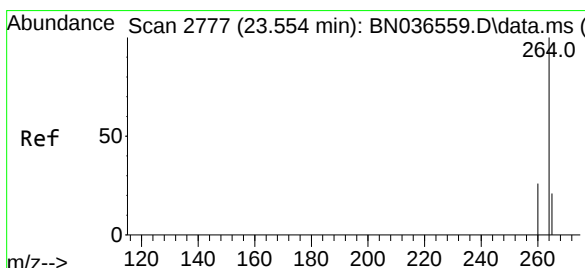
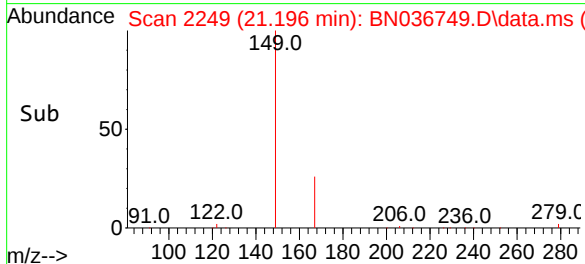
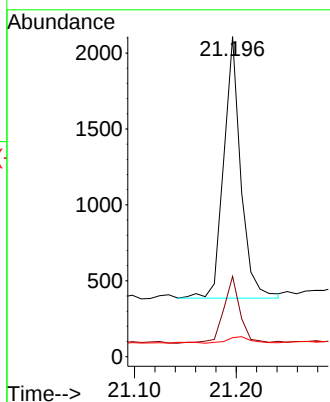
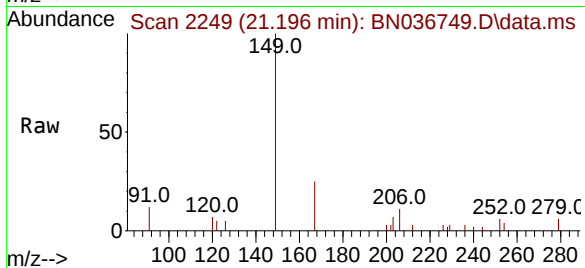




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.143 ng  
 RT: 21.196 min Scan# 2119  
 Delta R.T. -0.018 min  
 Lab File: BN036749.D  
 Acq: 27 Mar 2025 22:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D4-20250318

Tgt Ion:149 Resp: 2009  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 20.7 31.1  
 279 3.5 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.522 min Scan# 2766  
 Delta R.T. -0.032 min  
 Lab File: BN036749.D  
 Acq: 27 Mar 2025 22:15

Tgt Ion:264 Resp: 4996  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 22.6 33.8  
 265 74.6 88.1 132.1#

