

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036748.D  
 Acq On : 27 Mar 2025 21:39  
 Operator : RC/JU  
 Sample : Q1608-15  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D3-20250318

Quant Time: Mar 28 00:58:37 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

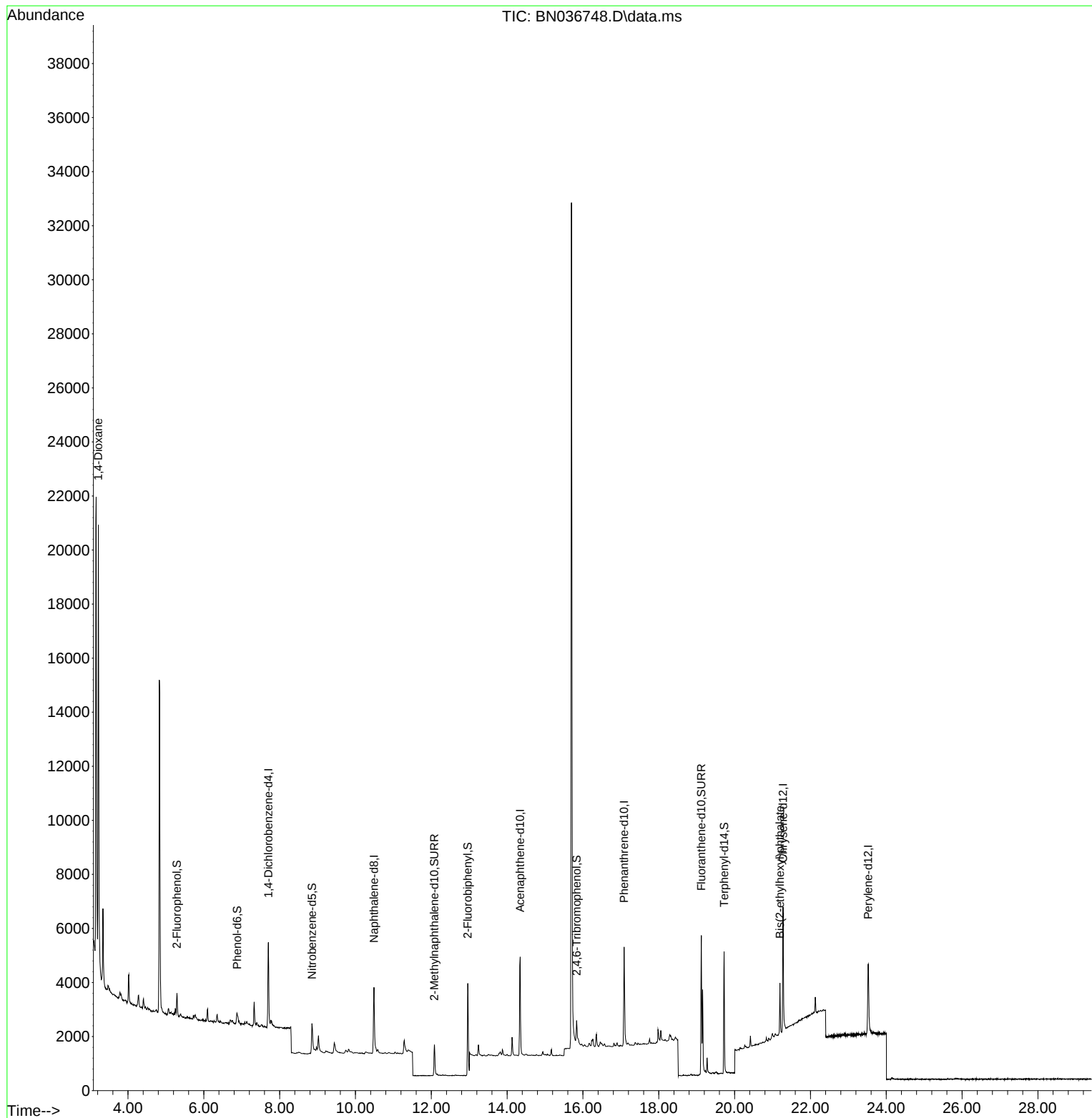
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.703  | 152  | 1486     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.487 | 136  | 3645     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2300     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5196     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 4674     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.525 | 264  | 4006     | 0.400 | ng    | #-0.03   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 628      | 0.181 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.879  | 99   | 428      | 0.100 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1245     | 0.314 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 1865     | 0.344 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 497      | 0.476 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 4702     | 0.351 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.122 | 212  | 6055     | 0.455 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 4388     | 0.392 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.218  | 88   | 8752     | 5.309 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 1807     | 0.156 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

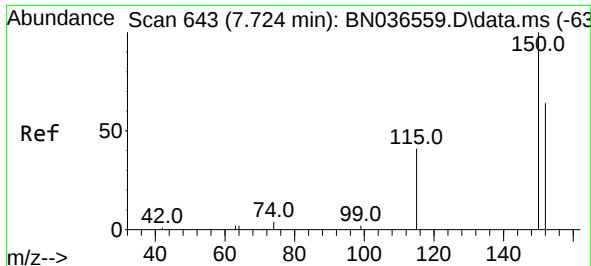
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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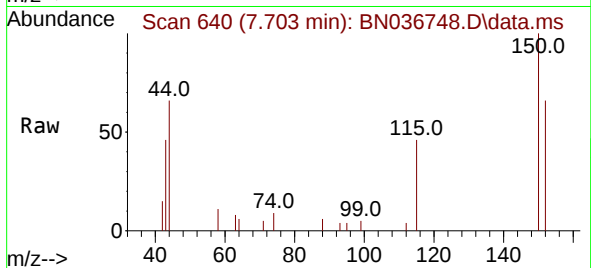
Quant Time: Mar 28 00:58:37 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



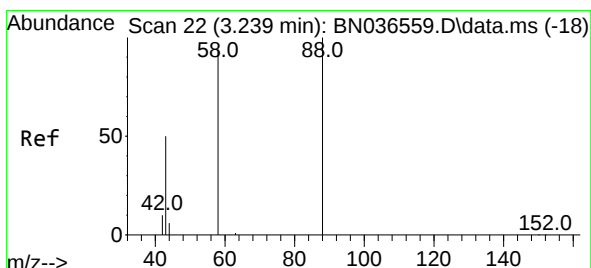
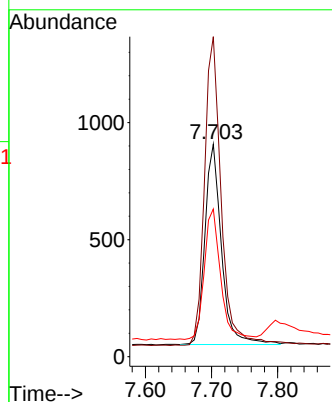
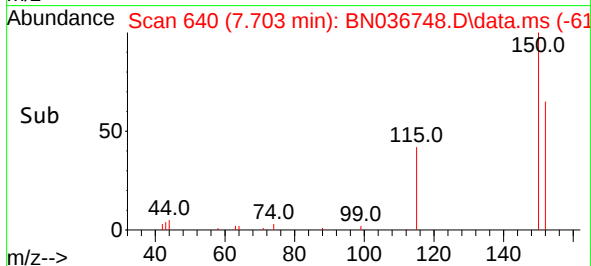


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.703 min Scan# 64  
 Delta R.T. -0.021 min  
 Lab File: BN036748.D  
 Acq: 27 Mar 2025 21:39

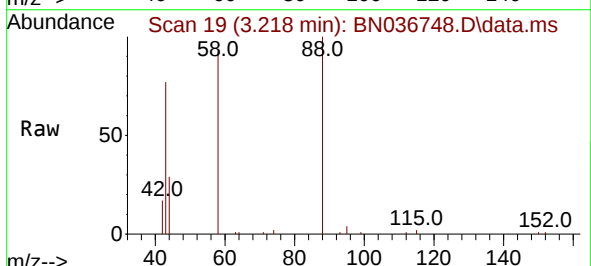
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D3-20250318



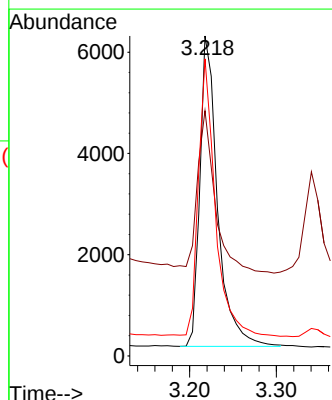
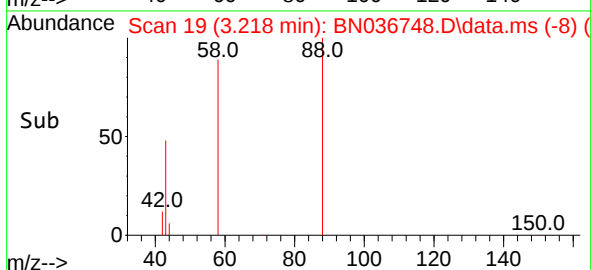
Tgt Ion:152 Resp: 1486  
 Ion Ratio Lower Upper  
 152 100  
 150 150.6 123.7 185.5  
 115 69.5 54.3 81.5

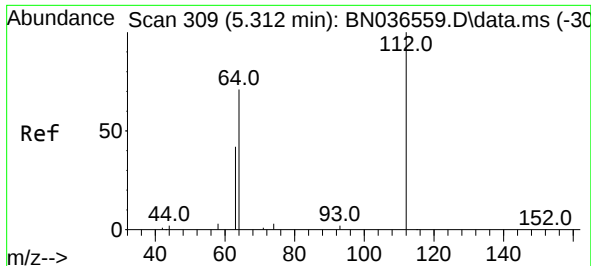


#2  
 1,4-Dioxane  
 Concen: 5.309 ng  
 RT: 3.218 min Scan# 19  
 Delta R.T. -0.021 min  
 Lab File: BN036748.D  
 Acq: 27 Mar 2025 21:39



Tgt Ion: 88 Resp: 8752  
 Ion Ratio Lower Upper  
 88 100  
 43 53.2 37.8 56.8  
 58 84.9 67.4 101.2

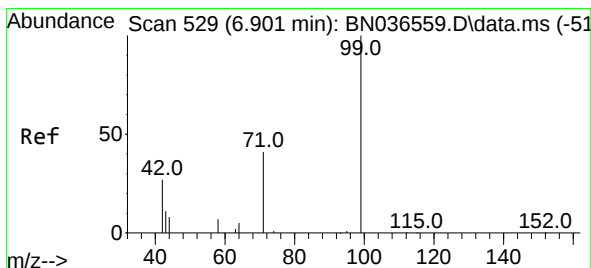
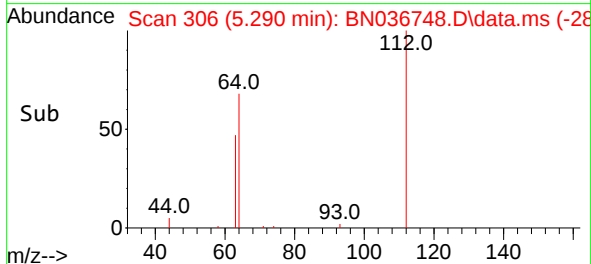
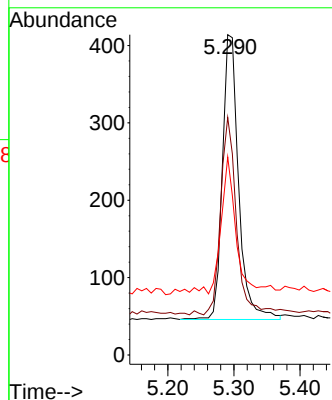
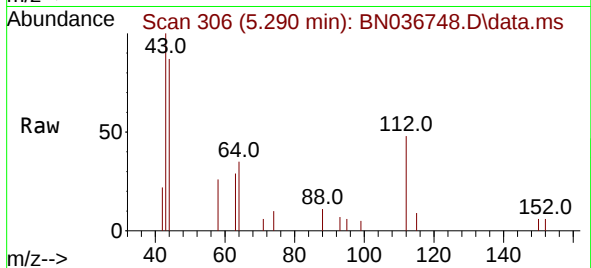




#4  
2-Fluorophenol  
Concen: 0.181 ng  
RT: 5.290 min Scan# 309  
Delta R.T. -0.022 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

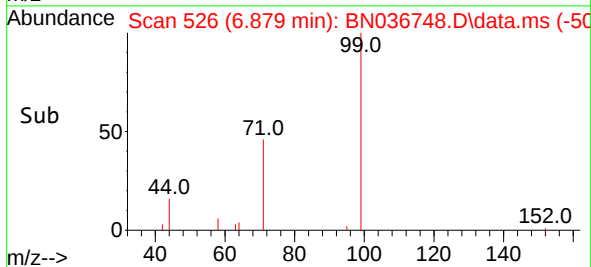
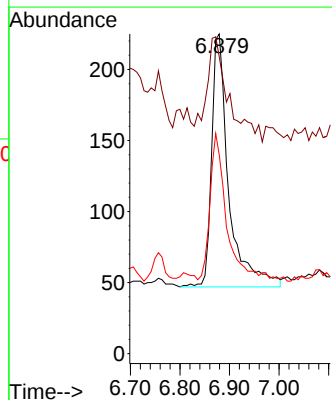
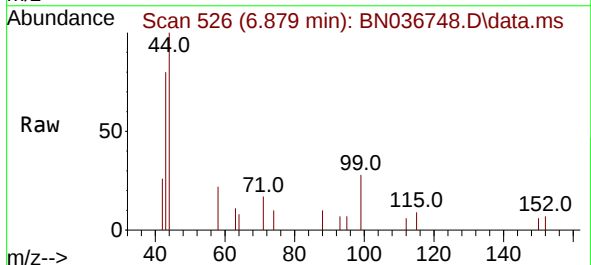
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D3-20250318

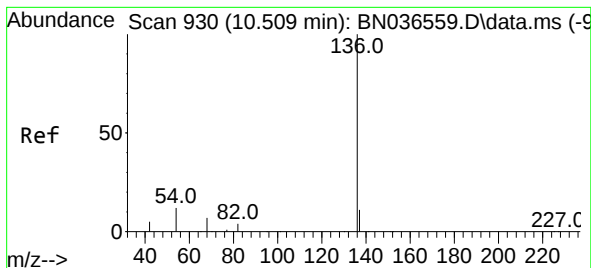
Tgt Ion:112 Resp: 628  
Ion Ratio Lower Upper  
112 100  
64 69.6 53.1 79.7  
63 42.7 31.8 47.8



#5  
Phenol-d6  
Concen: 0.100 ng  
RT: 6.879 min Scan# 526  
Delta R.T. -0.022 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

Tgt Ion: 99 Resp: 428  
Ion Ratio Lower Upper  
99 100  
42 32.5 26.5 39.7  
71 57.7 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.487 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN036748.D

Acq: 27 Mar 2025 21:39

Instrument :

BNA\_N

ClientSampleId :

RE132D3-20250318

Tgt Ion:136 Resp: 3645

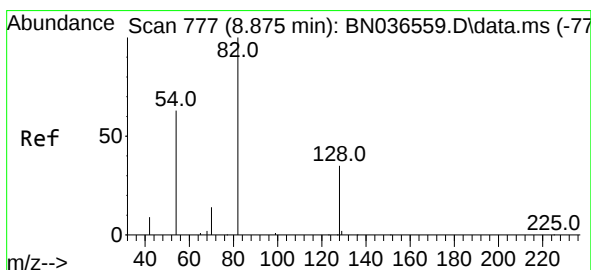
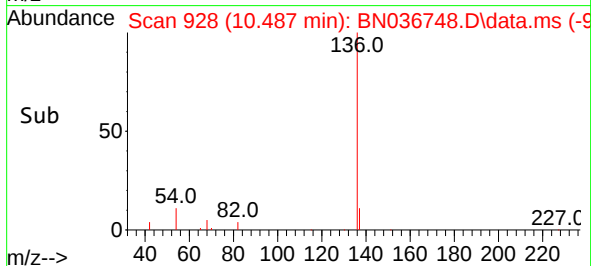
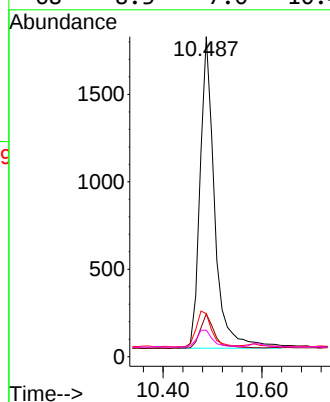
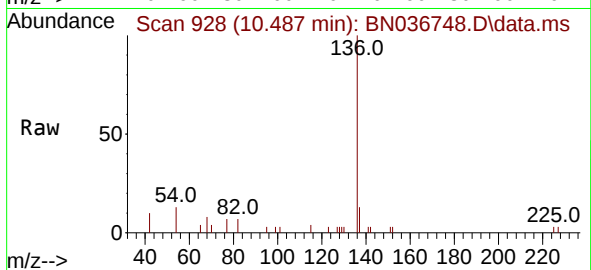
Ion Ratio Lower Upper

136 100

137 13.4 10.3 15.5

54 13.4 11.5 17.3

68 8.3 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.854 min Scan# 775

Delta R.T. -0.021 min

Lab File: BN036748.D

Acq: 27 Mar 2025 21:39

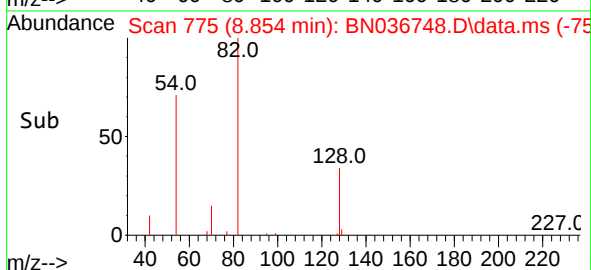
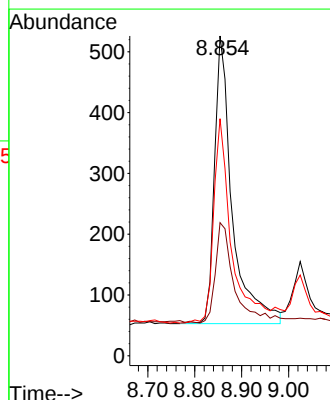
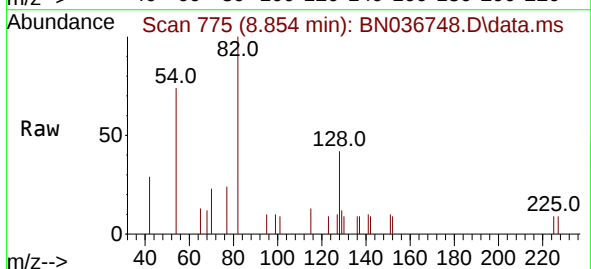
Tgt Ion: 82 Resp: 1245

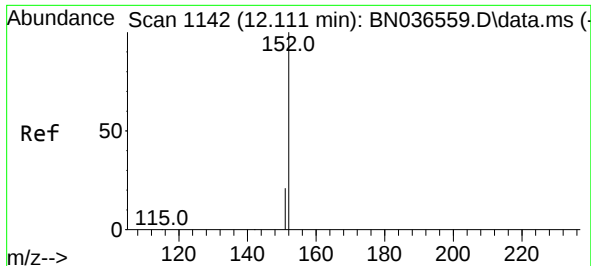
Ion Ratio Lower Upper

82 100

128 41.6 30.6 45.8

54 74.1 52.2 78.4

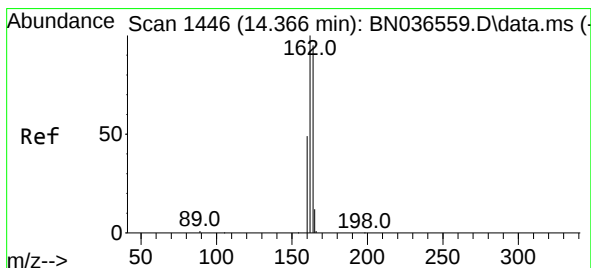
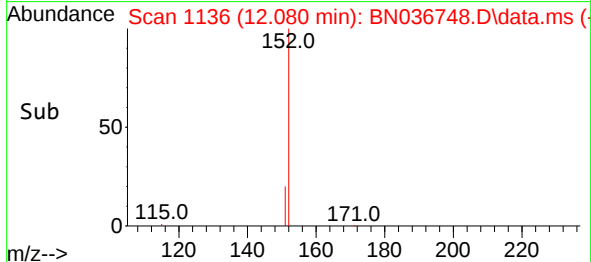
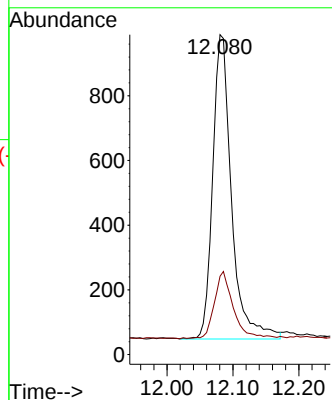
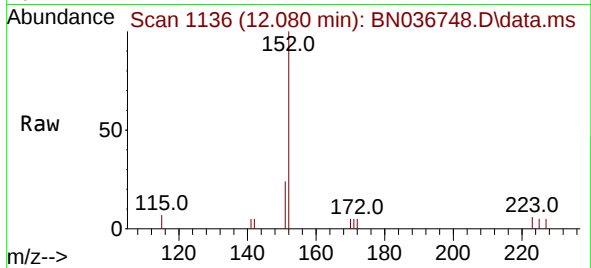




#11  
2-Methylnaphthalene-d10  
Concen: 0.344 ng  
RT: 12.080 min Scan# 1142  
Delta R.T. -0.030 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

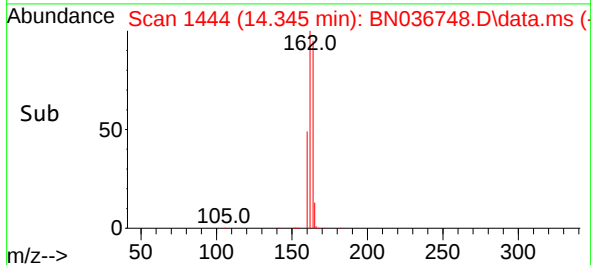
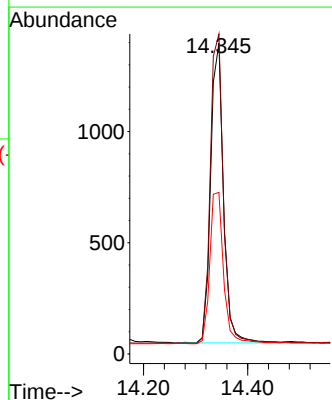
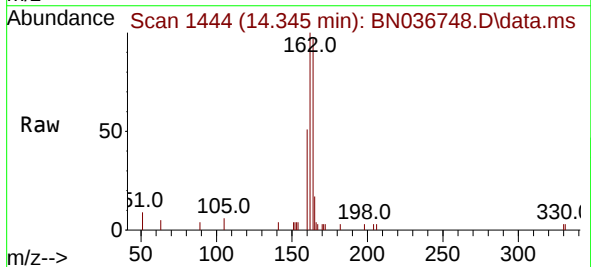
Instrument :  
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RE132D3-20250318

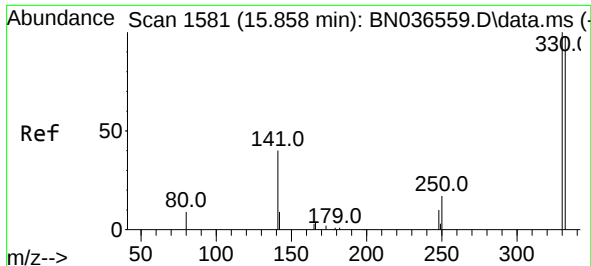
Tgt Ion:152 Resp: 1865  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. -0.021 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

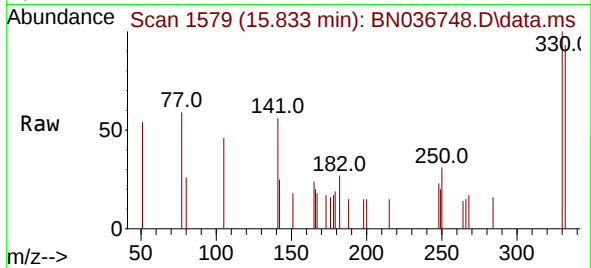
Tgt Ion:164 Resp: 2300  
Ion Ratio Lower Upper  
164 100  
162 103.0 84.2 126.2  
160 52.0 42.2 63.2



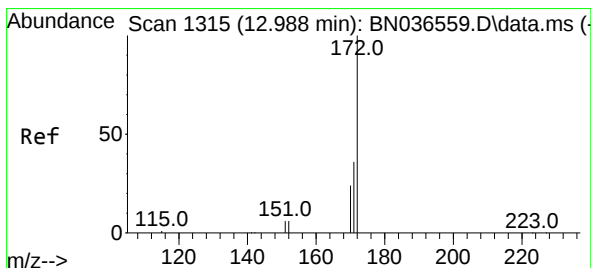
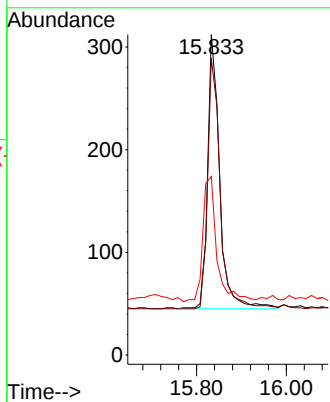
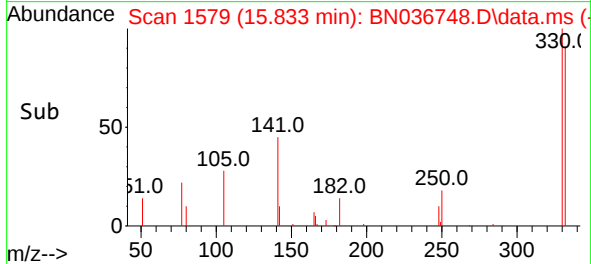


#14  
2,4,6-Tribromophenol  
Concen: 0.476 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D3-20250318

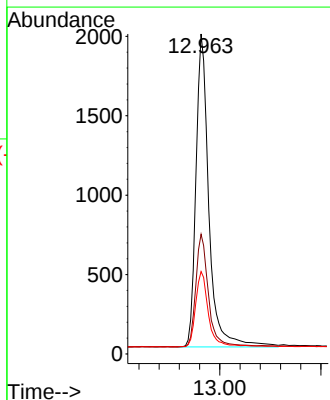
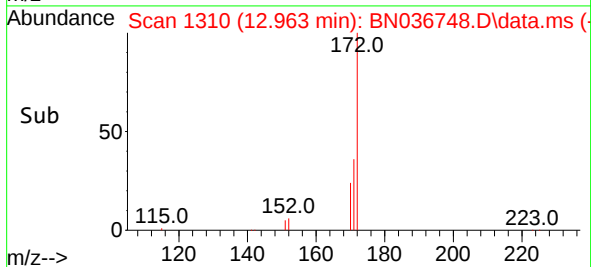
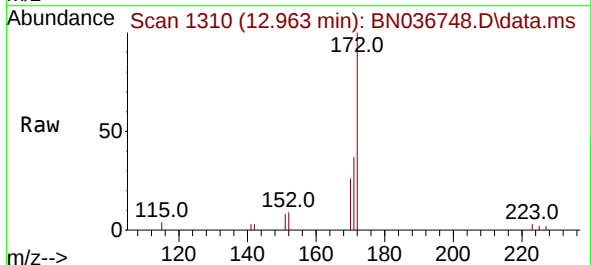


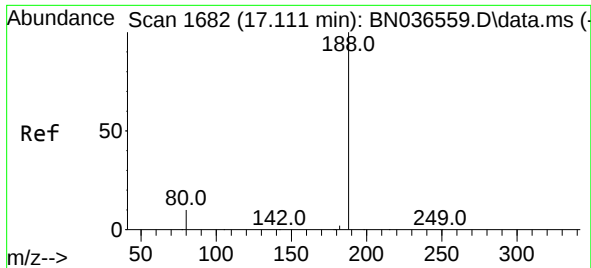
Tgt Ion:330 Resp: 497  
Ion Ratio Lower Upper  
330 100  
332 94.4 75.2 112.8  
141 52.9 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.351 ng  
RT: 12.963 min Scan# 1310  
Delta R.T. -0.025 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

Tgt Ion:172 Resp: 4702  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.5 44.3  
170 25.8 20.2 30.4

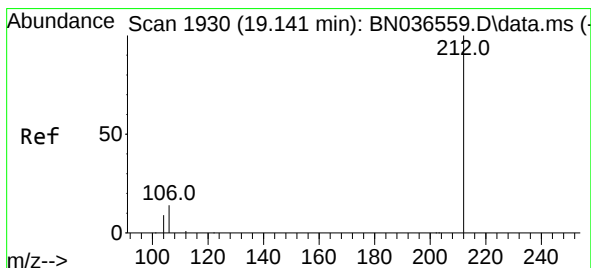
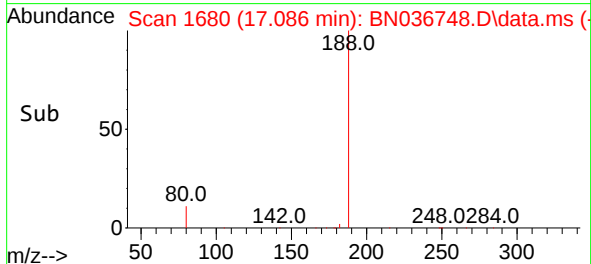
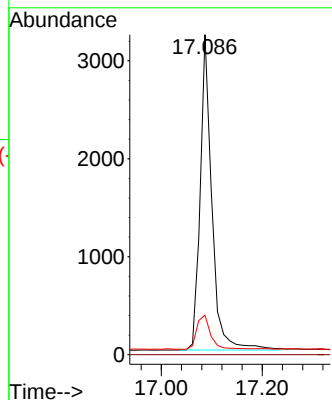
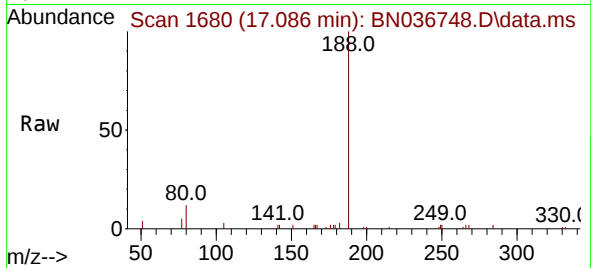




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

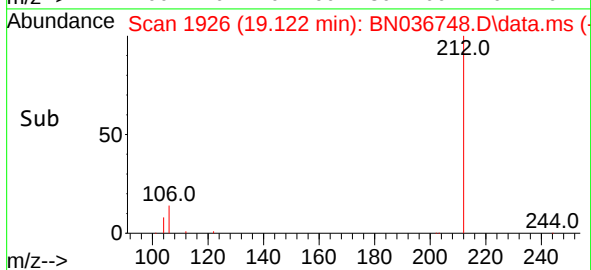
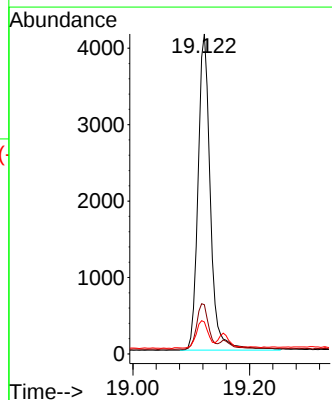
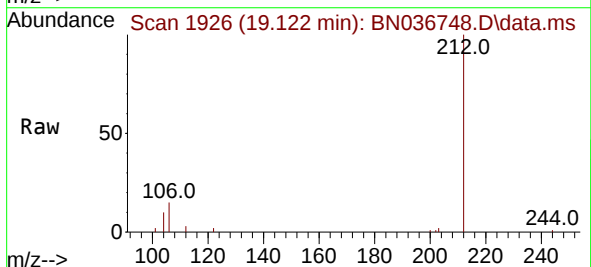
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RE132D3-20250318

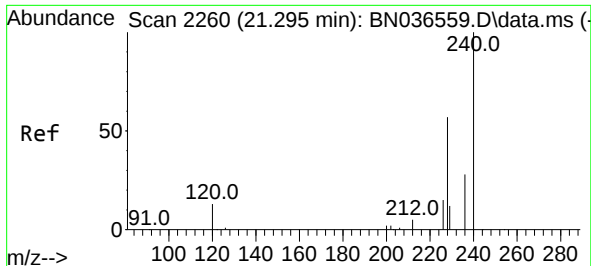
Tgt Ion:188 Resp: 5196  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 8.8 13.2



#27  
Fluoranthene-d10  
Concen: 0.455 ng  
RT: 19.122 min Scan# 1926  
Delta R.T. -0.019 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

Tgt Ion:212 Resp: 6055  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.8 17.6  
104 8.5 7.3 10.9

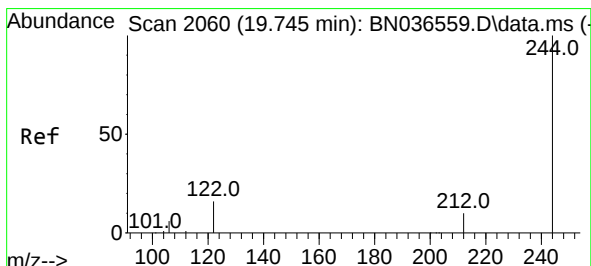
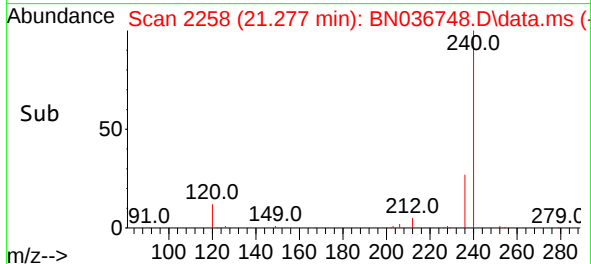
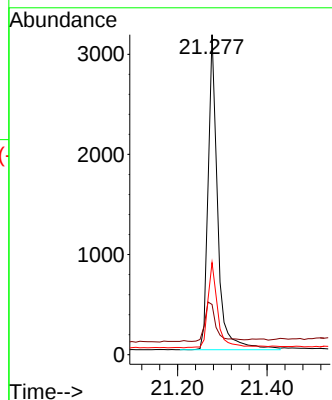
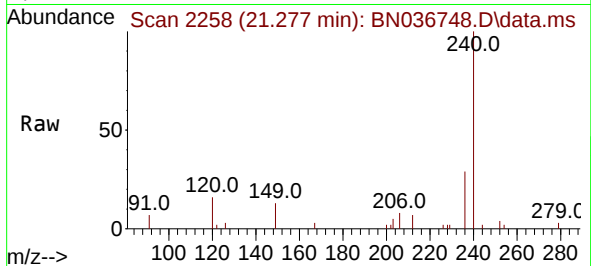




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

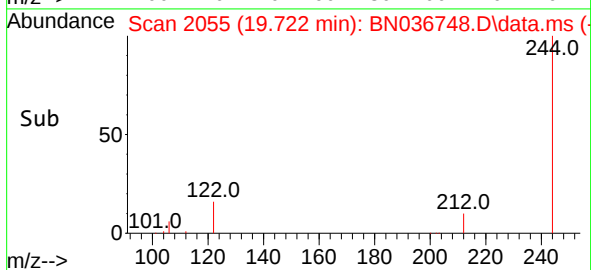
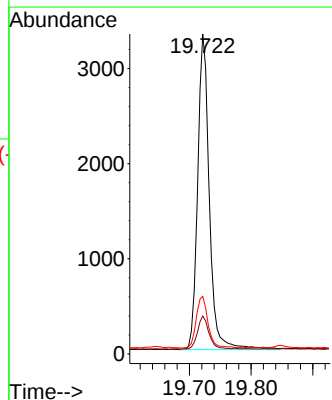
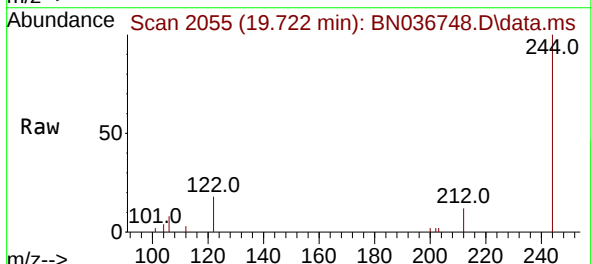
Instrument :  
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ClientSampleId :  
RE132D3-20250318

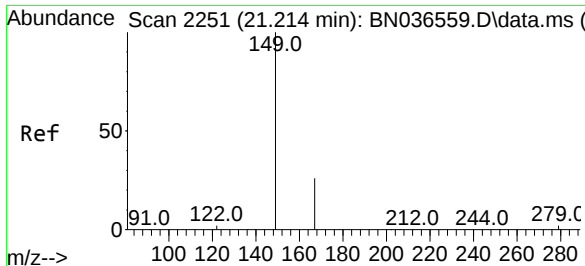
Tgt Ion:240 Resp: 4674  
Ion Ratio Lower Upper  
240 100  
120 15.7 14.6 22.0  
236 28.8 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.392 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.023 min  
Lab File: BN036748.D  
Acq: 27 Mar 2025 21:39

Tgt Ion:244 Resp: 4388  
Ion Ratio Lower Upper  
244 100  
212 11.8 9.6 14.4  
122 18.0 13.9 20.9

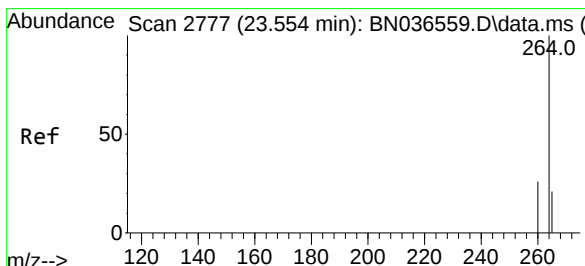
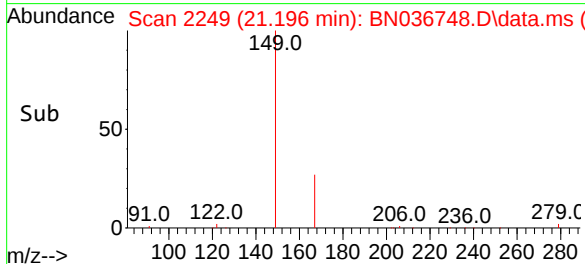
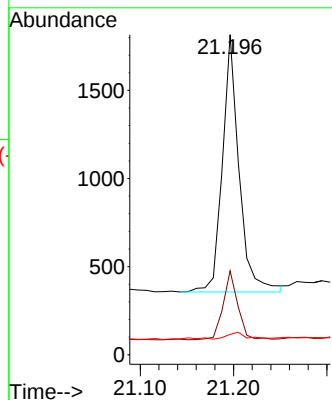
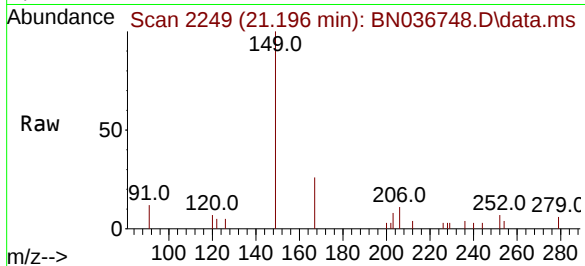




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.156 ng  
 RT: 21.196 min Scan# 2119  
 Delta R.T. -0.018 min  
 Lab File: BN036748.D  
 Acq: 27 Mar 2025 21:39

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D3-20250318

Tgt Ion:149 Resp: 1807  
 Ion Ratio Lower Upper  
 149 100  
 167 23.7 20.7 31.1  
 279 3.0 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.525 min Scan# 2767  
 Delta R.T. -0.029 min  
 Lab File: BN036748.D  
 Acq: 27 Mar 2025 21:39

Tgt Ion:264 Resp: 4006  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 22.6 33.8  
 265 83.8 88.1 132.1#

