

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
 Data File : BN037908.D  
 Acq On : 26 Sep 2025 03:29  
 Operator : RC/JU  
 Sample : Q3156-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 26 07:38:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

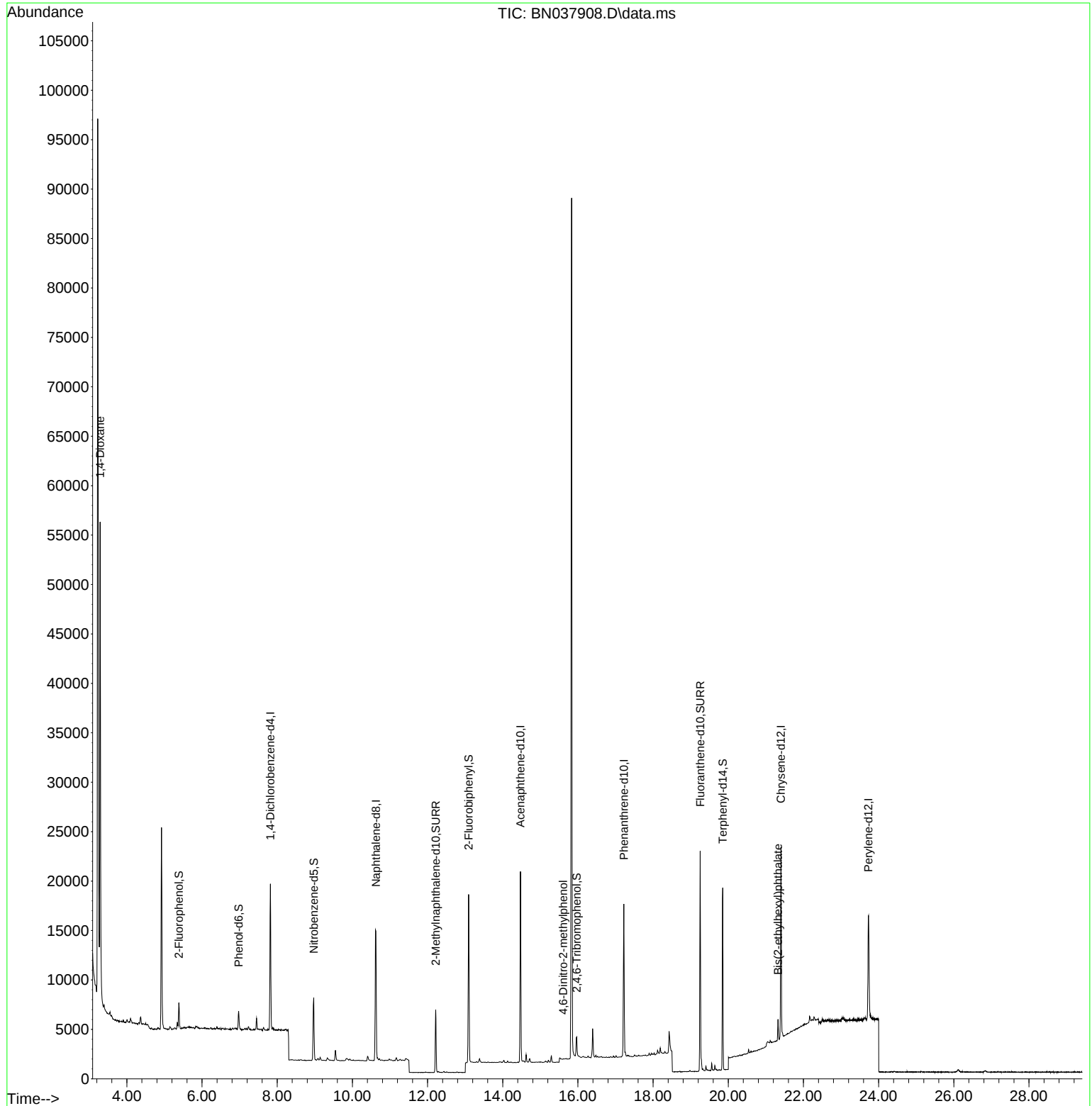
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 6764     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 19035    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.473 | 164  | 9869     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 20274    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.402 | 240  | 16818    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.730 | 264  | 15301    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 2068     | 0.134 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 1638     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 5258     | 0.362 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.217 | 152  | 8525     | 0.322 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 1296     | 0.346 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 14180    | 0.351 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.252 | 212  | 22717    | 0.445 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.852 | 244  | 17100    | 0.510 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 31149    | 4.536 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.609 | 198  | 5        | 0.069 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 1987     | 0.085 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

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ALS Vial : 25 Sample Multiplier: 1

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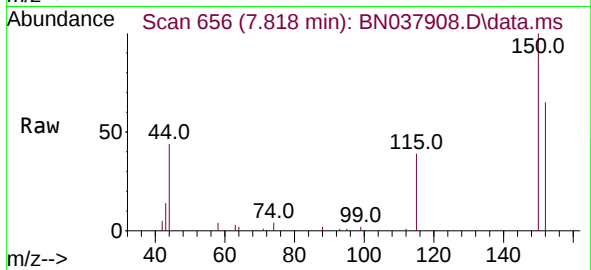
Quant Time: Sep 26 07:38:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
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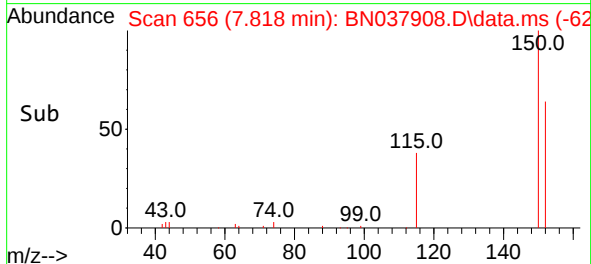
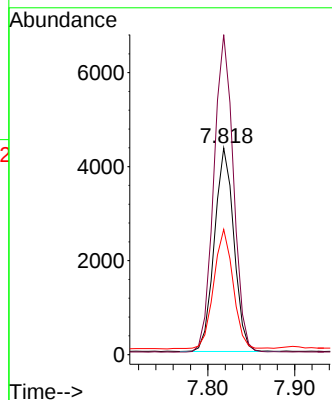


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29

Instrument :  
 BNA\_N  
 ClientSampleId :

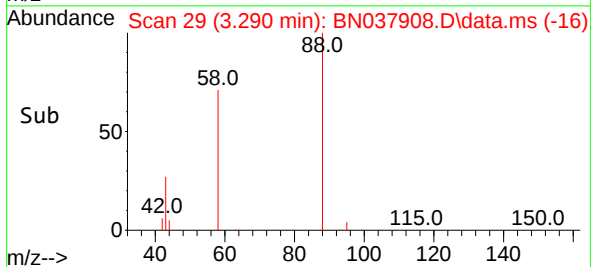
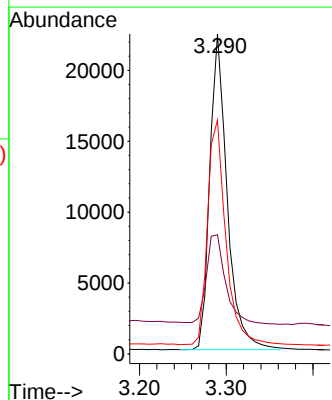
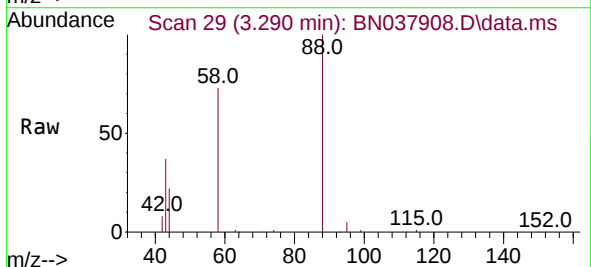


Tgt Ion:152 Resp: 6764  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 121.0 181.4  
 115 60.6 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 4.536 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29

Tgt Ion: 88 Resp: 31149  
 Ion Ratio Lower Upper  
 88 100  
 43 31.6 26.6 39.8  
 58 74.3 58.9 88.3

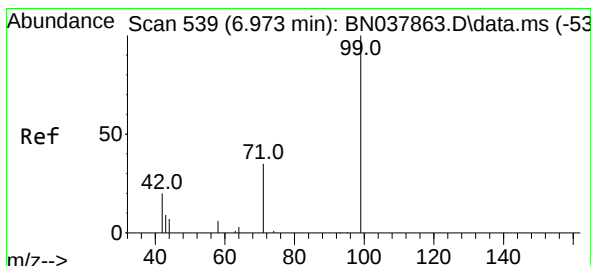
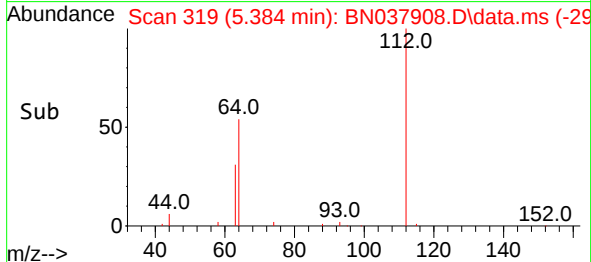
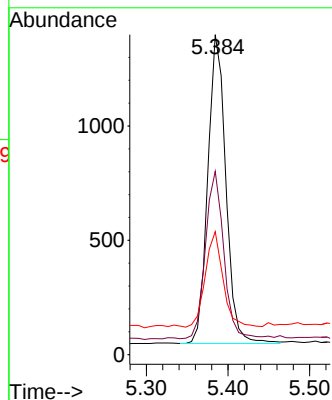
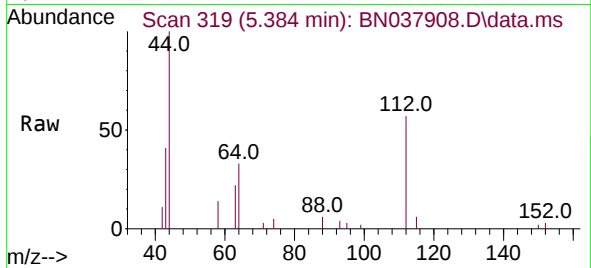




#4  
2-Fluorophenol  
Concen: 0.134 ng  
RT: 5.384 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

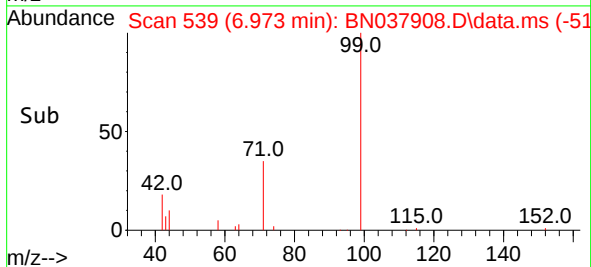
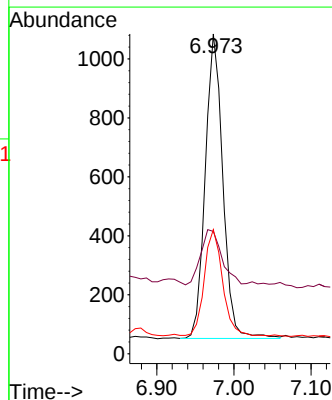
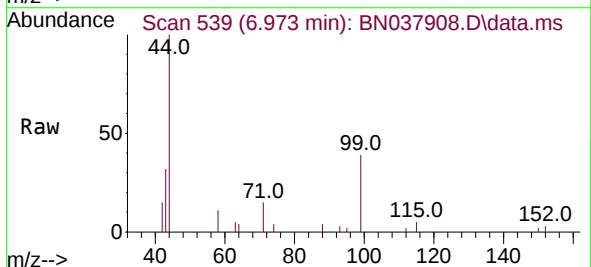
Instrument :  
BNA\_N  
ClientSampleId :

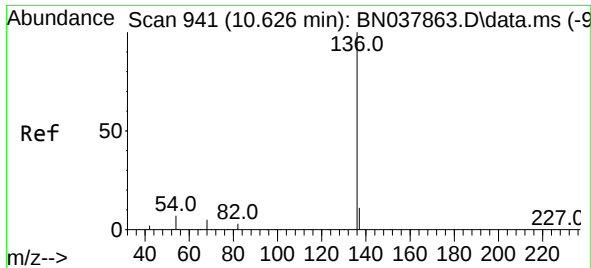
Tgt Ion: 112 Resp: 2068  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.6 66.8  
63 30.5 24.9 37.3



#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 6.973 min Scan# 539  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

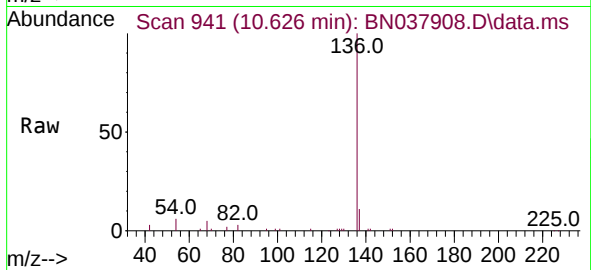
Tgt Ion: 99 Resp: 1638  
Ion Ratio Lower Upper  
99 100  
42 21.6 17.2 25.8  
71 36.3 27.3 40.9



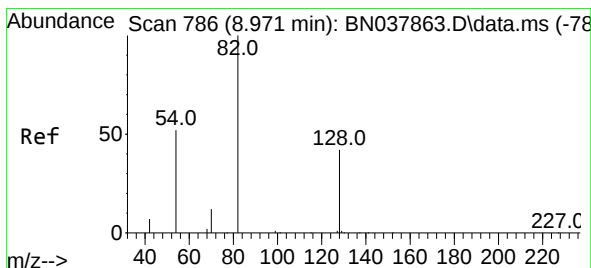
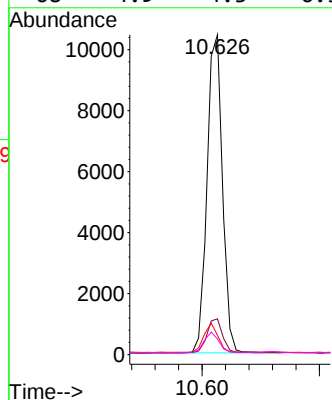


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

Instrument :  
BNA\_N  
ClientSampleId :

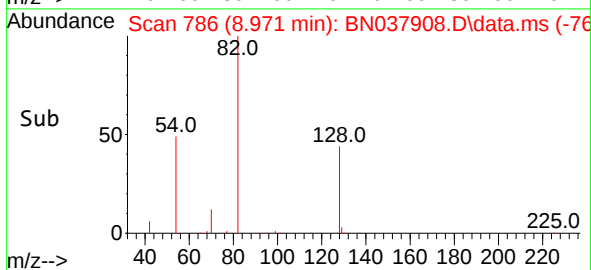
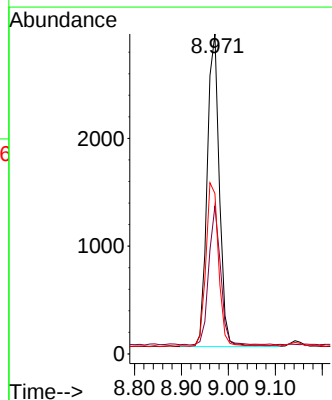
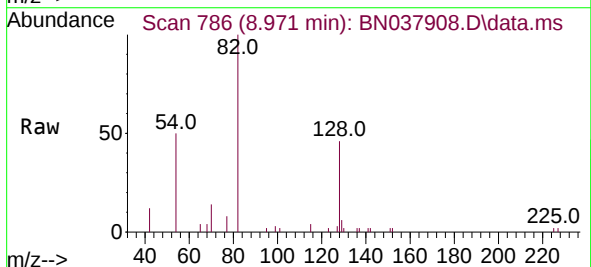


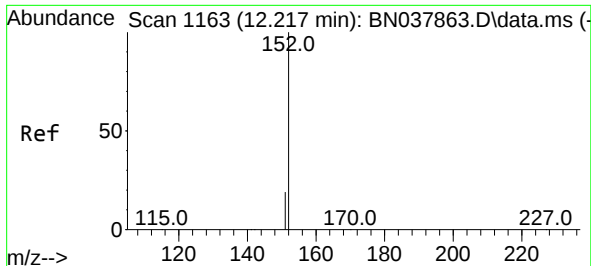
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19035 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.4  |
| 54        | 6.0   | 5.8   | 8.8   |
| 68        | 4.9   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.362 ng  
RT: 8.971 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5258 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 46.2  | 34.8  | 52.2 |
| 54        | 50.1  | 42.2  | 63.2 |

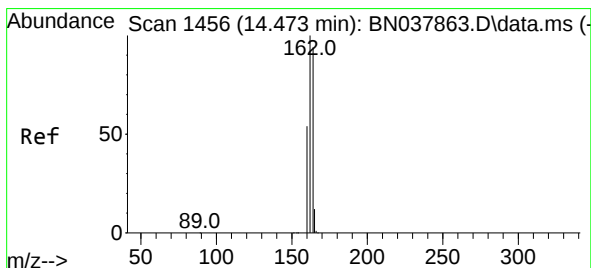
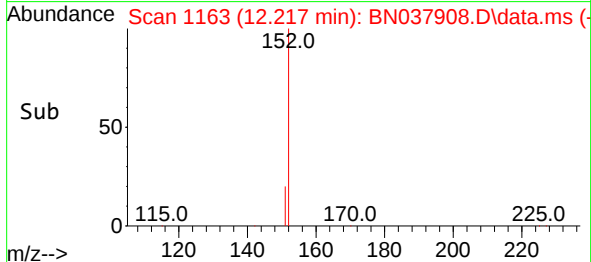
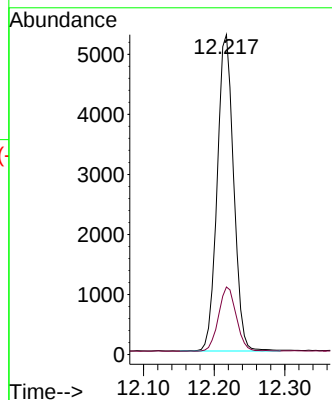
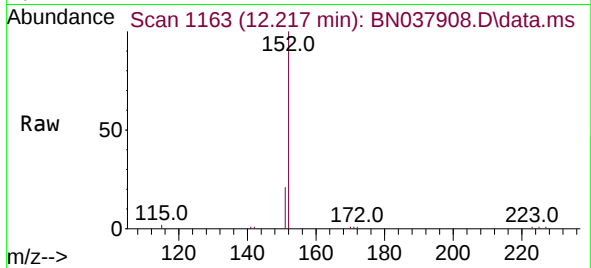




#11  
2-Methylnaphthalene-d10  
Concen: 0.322 ng  
RT: 12.217 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

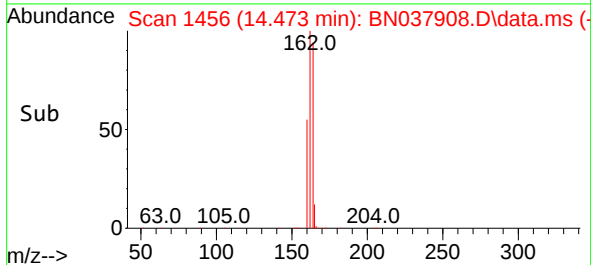
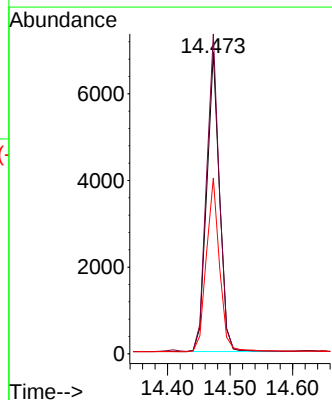
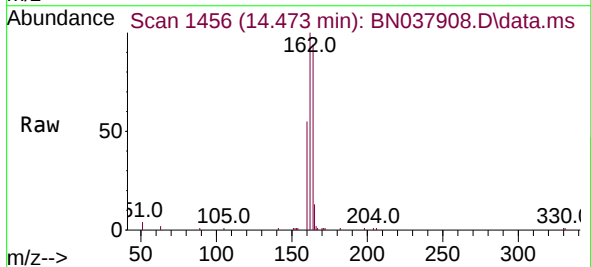
Instrument :  
BNA\_N  
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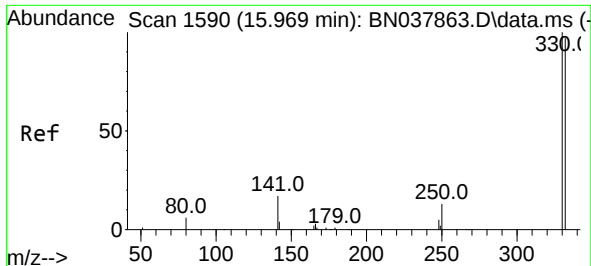
Tgt Ion:152 Resp: 8525  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.4 26.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.473 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

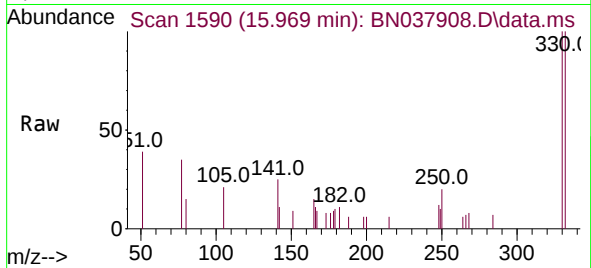
Tgt Ion:164 Resp: 9869  
Ion Ratio Lower Upper  
164 100  
162 105.9 84.8 127.2  
160 58.2 46.1 69.1



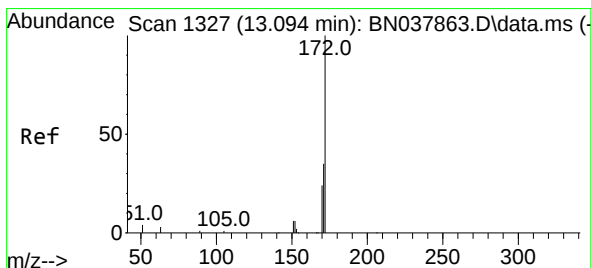
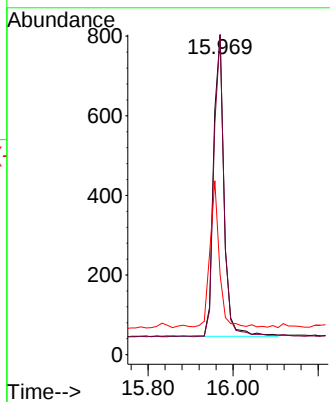
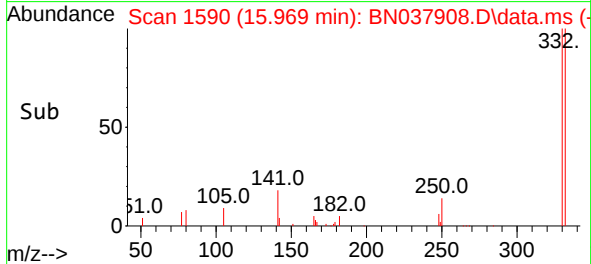


#14  
 2,4,6-Tribromophenol  
 Concen: 0.346 ng  
 RT: 15.969 min Scan# 1590  
 Delta R.T. 0.000 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29

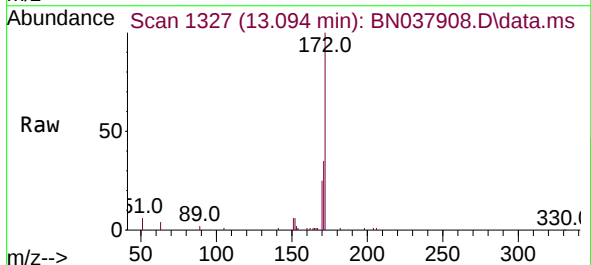
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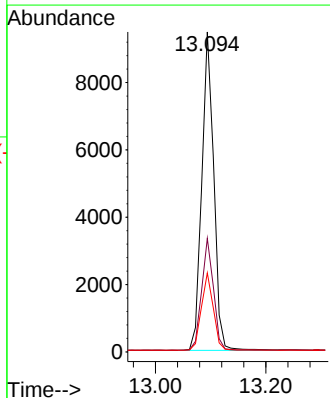
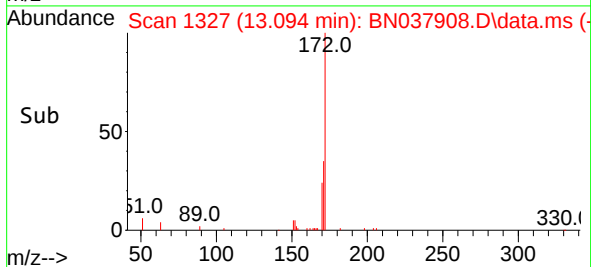
Tgt Ion:330 Resp: 1296  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 77.2 115.8  
 141 42.8 37.2 55.8

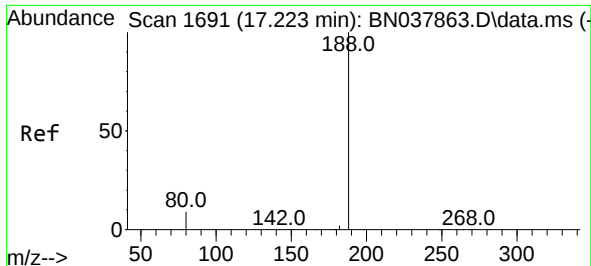


#15  
 2-Fluorobiphenyl  
 Concen: 0.351 ng  
 RT: 13.094 min Scan# 1327  
 Delta R.T. -0.000 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29



Tgt Ion:172 Resp: 14180  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 43.0  
 170 24.7 19.7 29.5

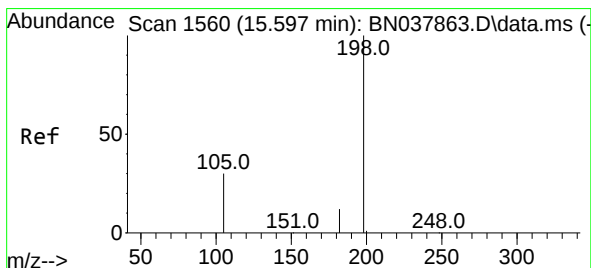
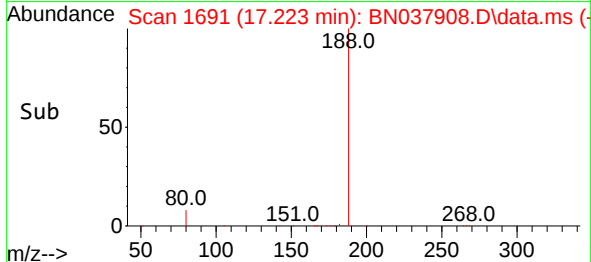
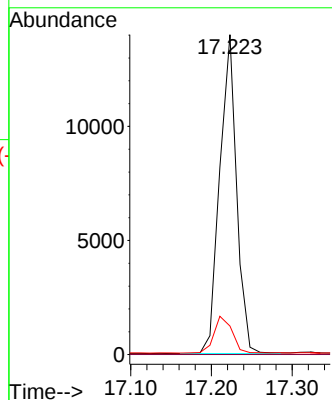
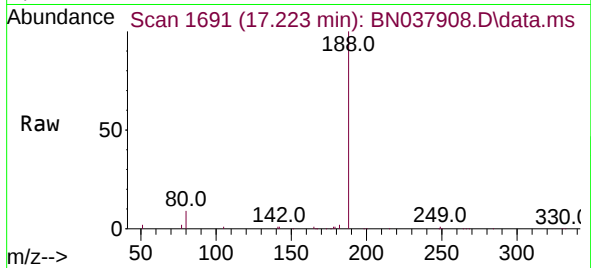




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

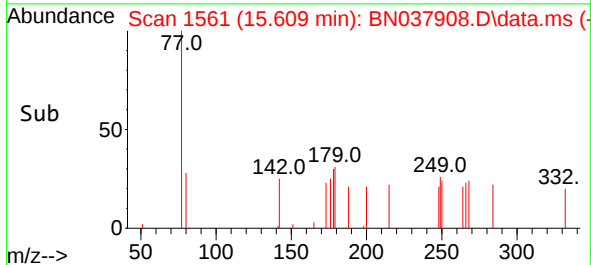
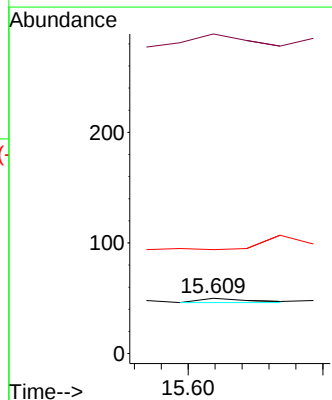
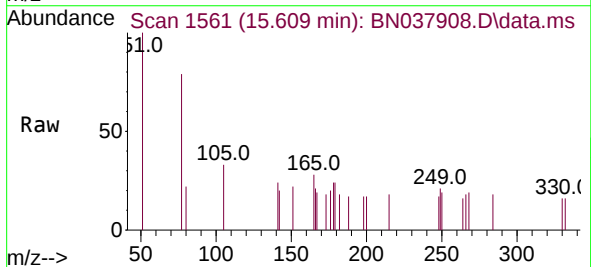
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ClientSampleId :

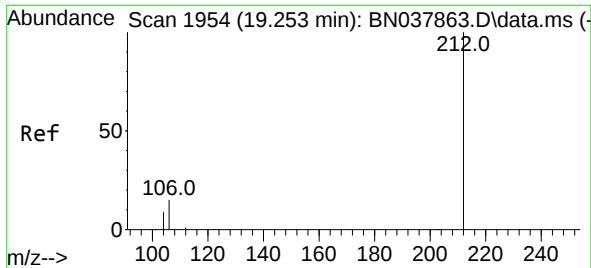
Tgt Ion:188 Resp: 20274  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.9 7.6 11.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.069 ng  
RT: 15.609 min Scan# 1561  
Delta R.T. 0.012 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

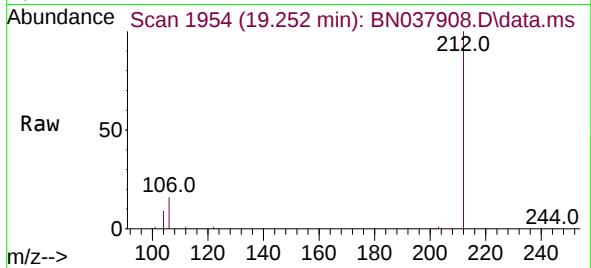
Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
51 578.0 59.1 88.7#  
105 188.0 41.3 61.9#



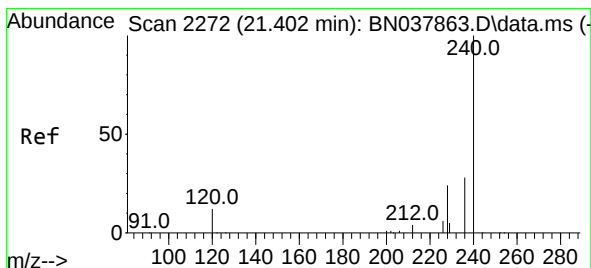
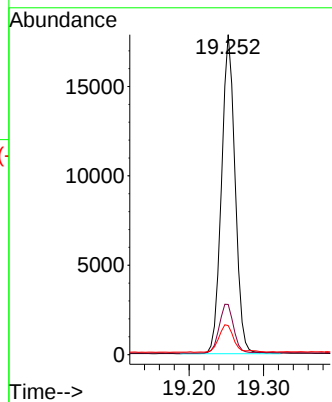
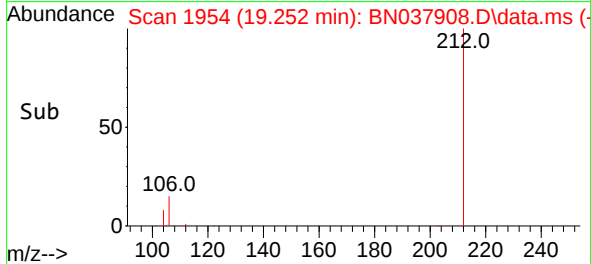


#27  
Fluoranthene-d10  
Concen: 0.445 ng  
RT: 19.252 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

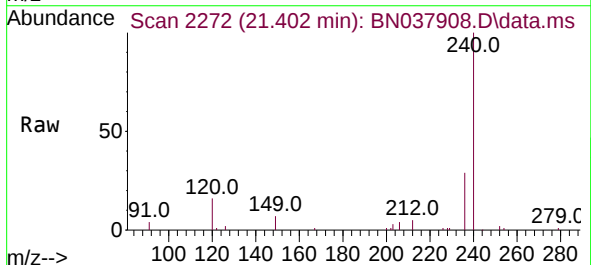
Instrument :  
BNA\_N  
ClientSampleId :



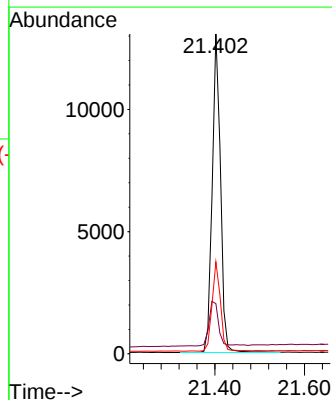
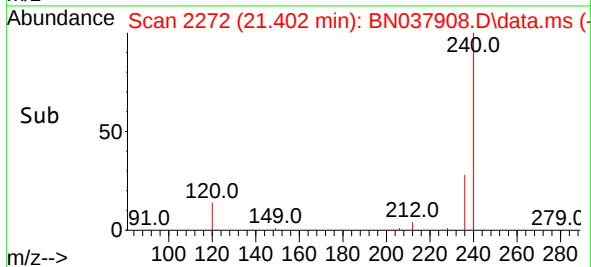
Tgt Ion:212 Resp: 22717  
Ion Ratio Lower Upper  
212 100  
106 16.4 12.6 19.0  
104 9.0 7.4 11.0

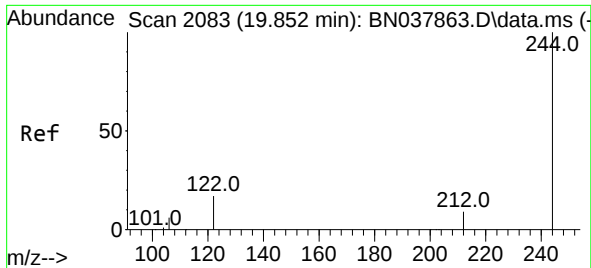


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.402 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29



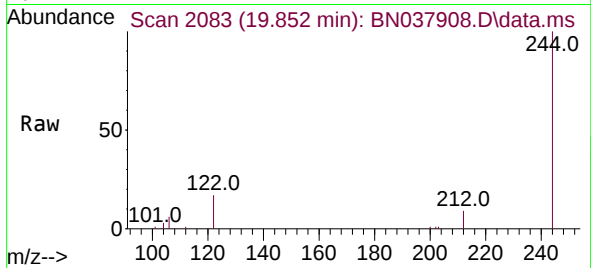
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Ion Ratio Lower Upper  
240 100  
120 15.7 11.4 17.2  
236 28.8 23.0 34.6



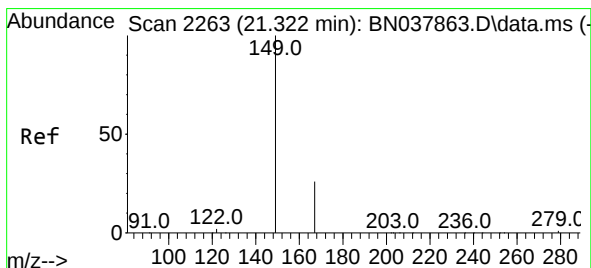
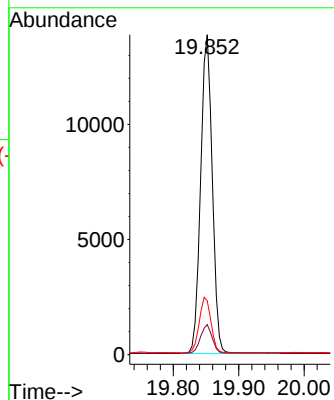


#31  
 Terphenyl-d14  
 Concen: 0.510 ng  
 RT: 19.852 min Scan# 2083  
 Delta R.T. -0.000 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29

Instrument :  
 BNA\_N  
 ClientSampleId :

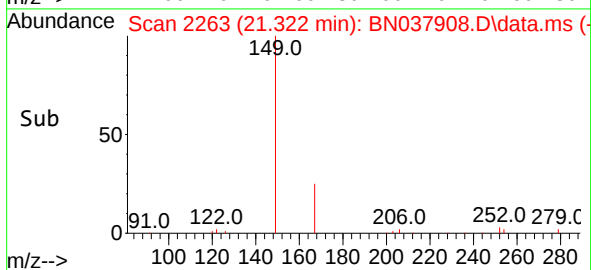
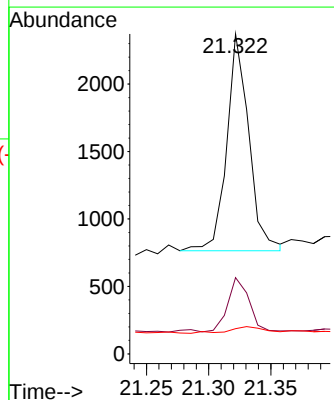
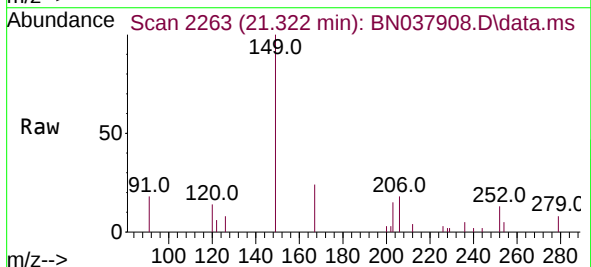


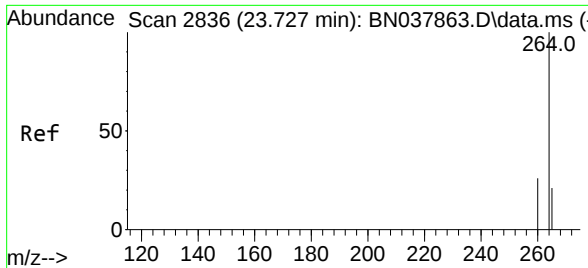
Tgt Ion:244 Resp: 17100  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.6 11.4  
 122 16.8 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.085 ng  
 RT: 21.322 min Scan# 2263  
 Delta R.T. -0.000 min  
 Lab File: BN037908.D  
 Acq: 26 Sep 2025 03:29

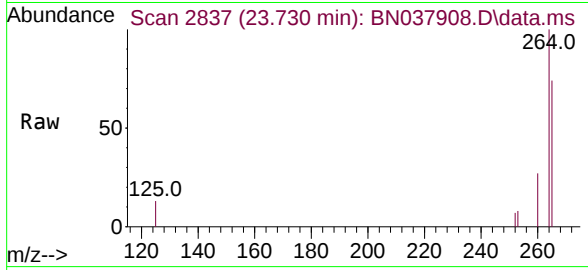
Tgt Ion:149 Resp: 1987  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 20.4 30.6  
 279 4.8 2.4 3.6#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.730 min Scan# 2837  
Delta R.T. 0.003 min  
Lab File: BN037908.D  
Acq: 26 Sep 2025 03:29

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 15301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.3  | 21.5  | 32.3  |
| 265 | 74.4  | 53.8  | 80.6  |

