

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
 Data File : BN037897.D  
 Acq On : 25 Sep 2025 20:05  
 Operator : RC/JU  
 Sample : Q3156-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT190D1-20250918

Quant Time: Sep 25 23:50:38 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

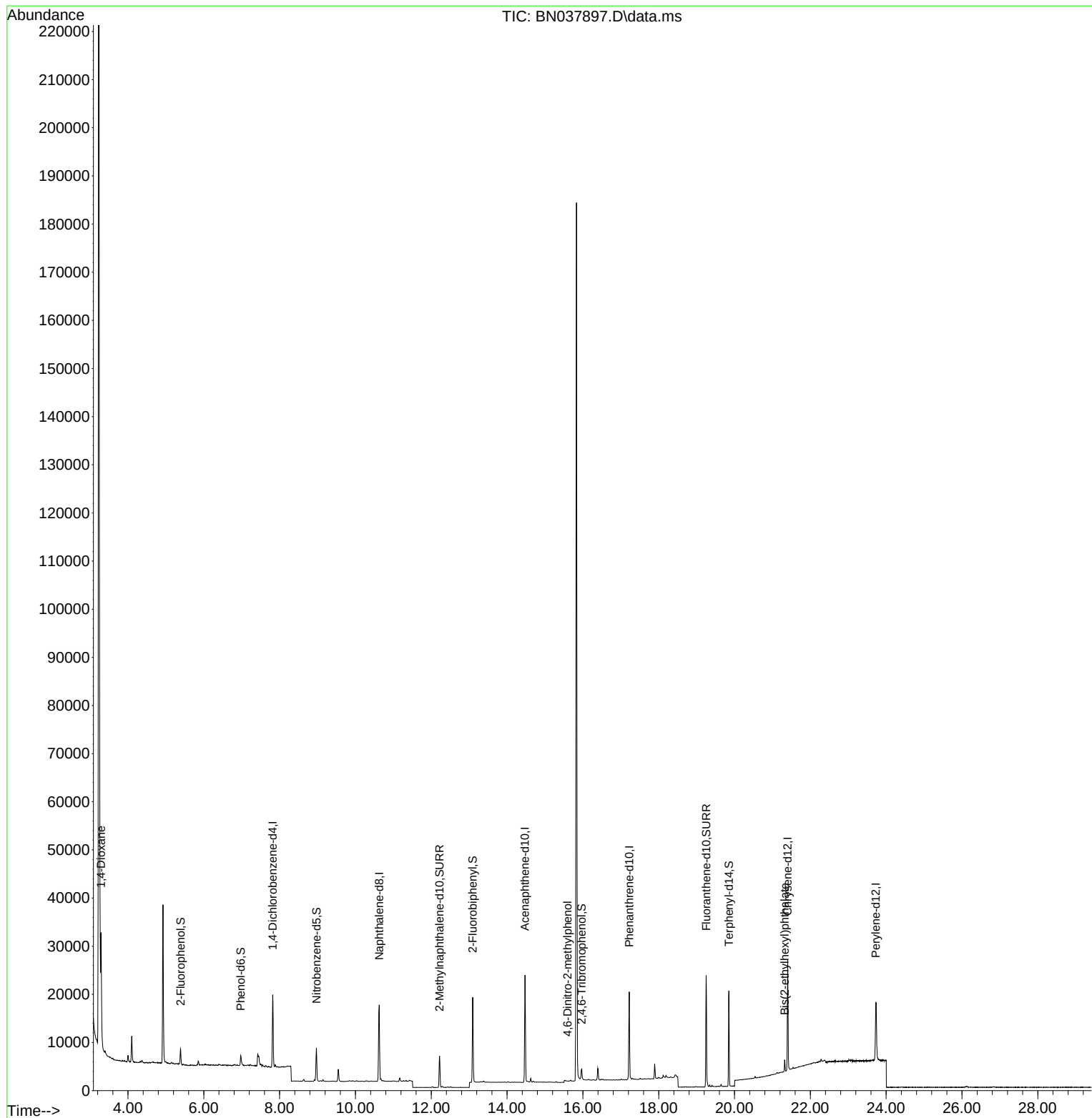
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 7371     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 21672    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.473 | 164  | 11695    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 23866    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.402 | 240  | 20074    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.730 | 264  | 17451    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.391  | 112  | 2525     | 0.150 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 1962     | 0.089 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 5384     | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.217 | 152  | 8982     | 0.298 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 1409     | 0.318 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 14580    | 0.305 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.252 | 212  | 24662    | 0.411 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.852 | 244  | 18551    | 0.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 11464    | 1.532 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 2        | 0.068 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 2399     | 0.086 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

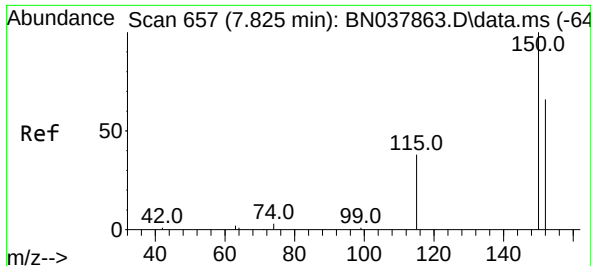
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
Data File : BN037897.D  
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ALS Vial : 15 Sample Multiplier: 1

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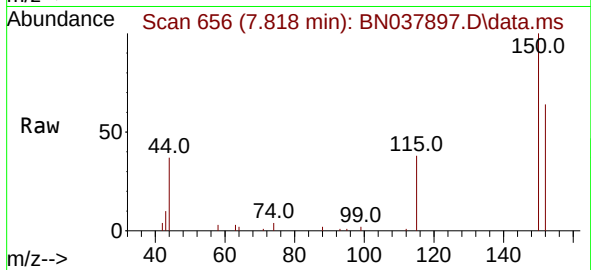
Quant Time: Sep 25 23:50:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
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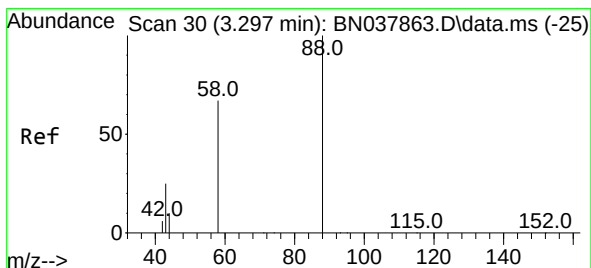
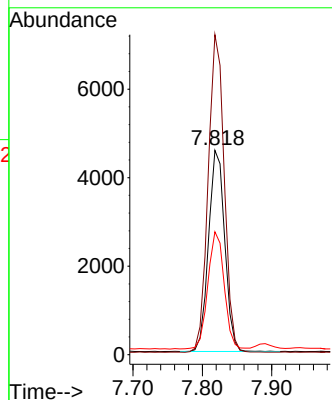
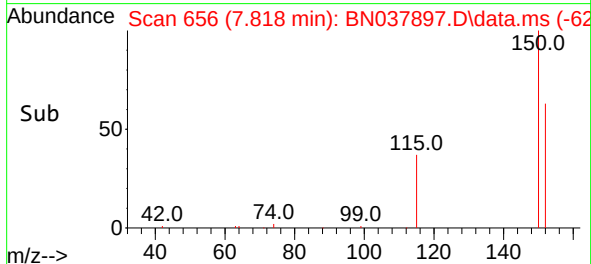


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

Instrument :  
 BNA\_N  
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 TT190D1-20250918

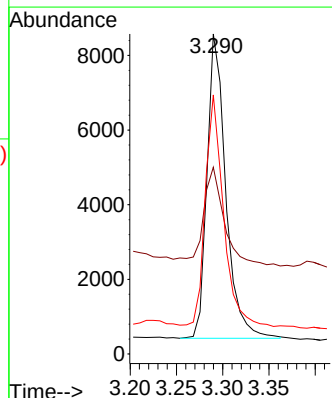
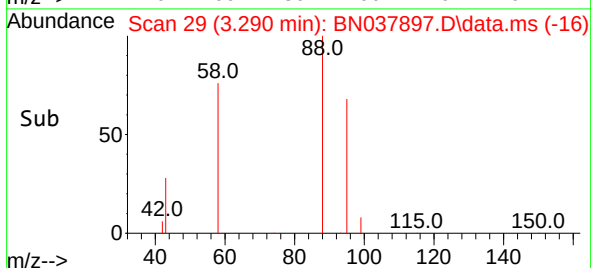
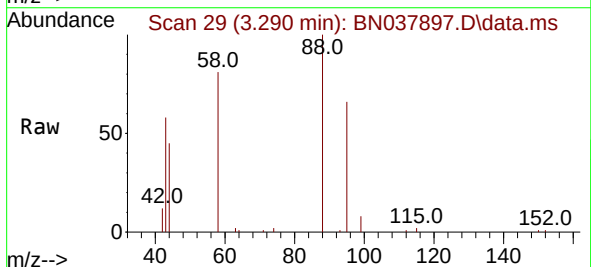


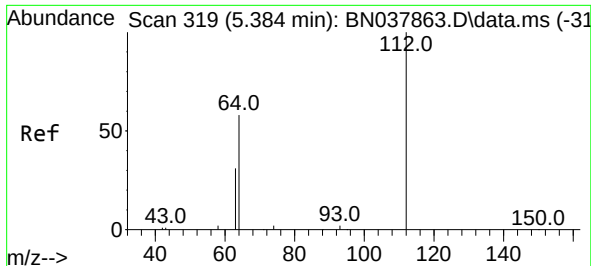
Tgt Ion:152 Resp: 7371  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 121.0 181.4  
 115 60.1 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 1.532 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

Tgt Ion: 88 Resp: 11464  
 Ion Ratio Lower Upper  
 88 100  
 43 35.6 26.6 39.8  
 58 74.0 58.9 88.3

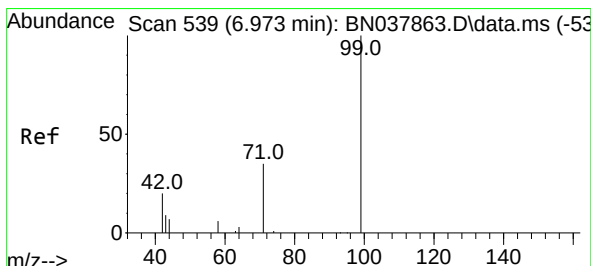
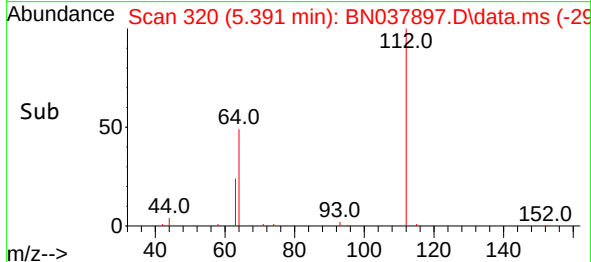
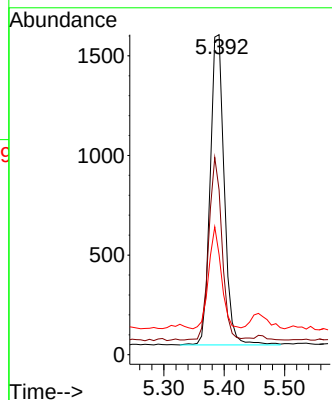
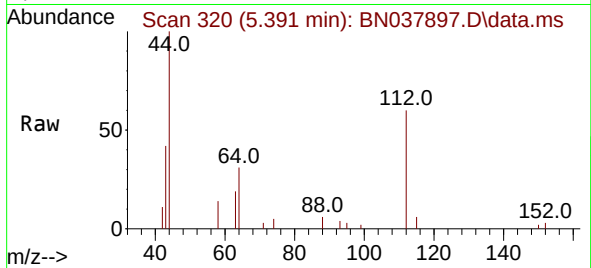




#4  
2-Fluorophenol  
Concen: 0.150 ng  
RT: 5.391 min Scan# 319  
Delta R.T. 0.007 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

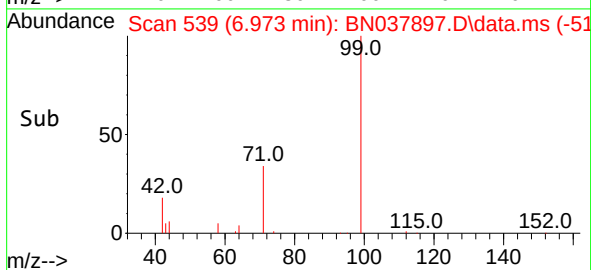
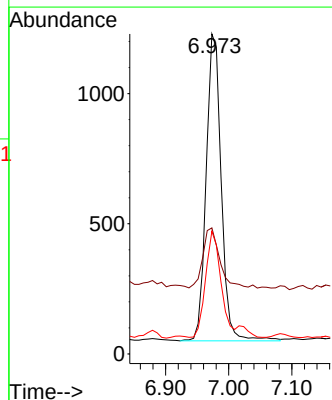
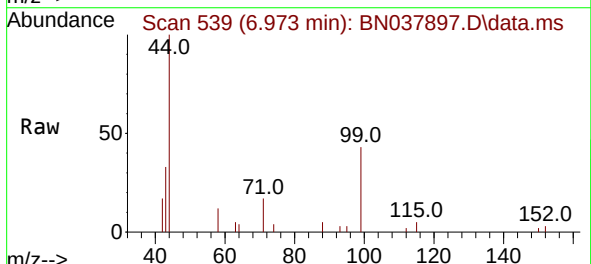
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BNA\_N  
ClientSampleId :  
TT190D1-20250918

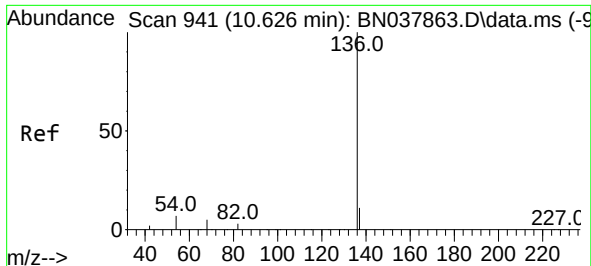
Tgt Ion:112 Resp: 2525  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.6 66.8  
63 29.9 24.9 37.3



#5  
Phenol-d6  
Concen: 0.089 ng  
RT: 6.973 min Scan# 539  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

Tgt Ion: 99 Resp: 1962  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.2 25.8  
71 35.2 27.3 40.9

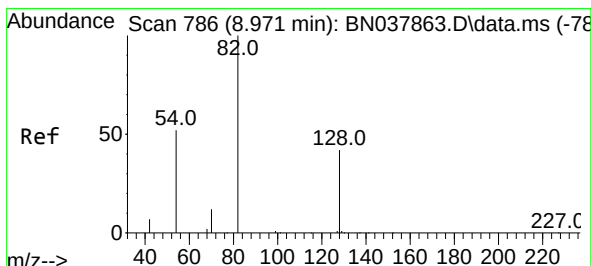
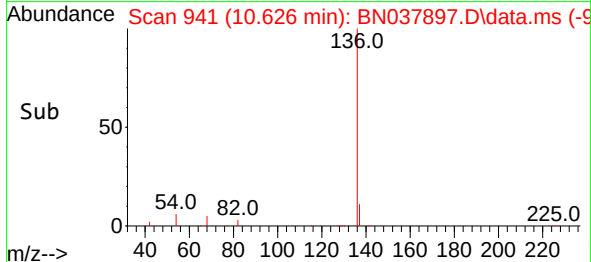
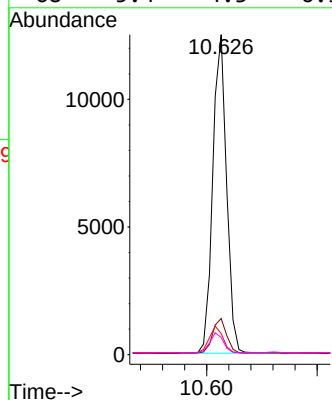
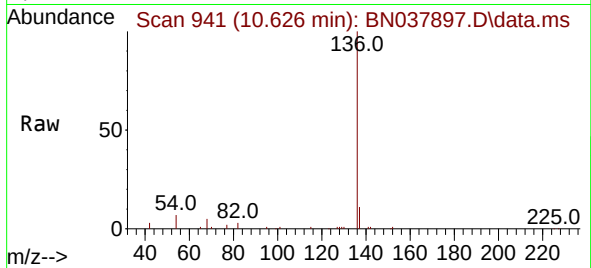




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

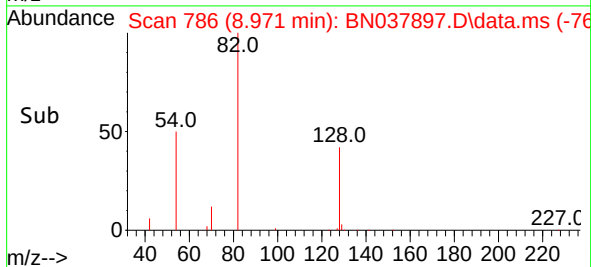
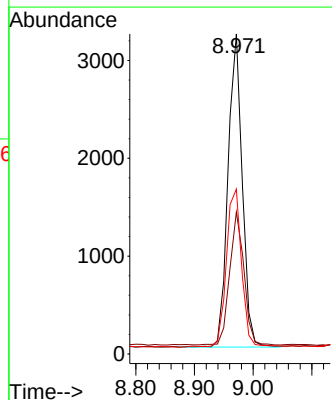
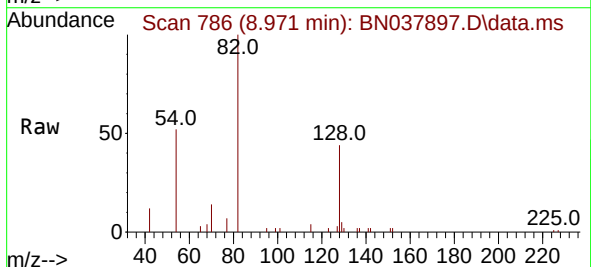
Instrument :  
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TT190D1-20250918

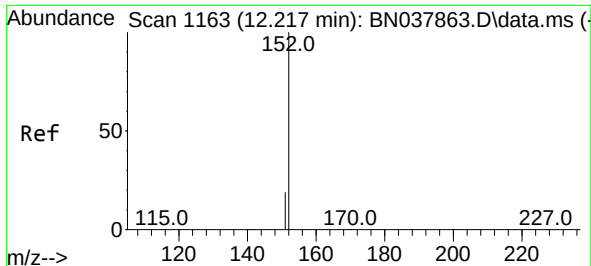
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 21672 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.4  |
| 54       | 6.6   | 5.8   | 8.8   |
| 68       | 5.4   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.971 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5384  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.3  | 34.8  | 52.2  |
| 54       | 51.5  | 42.2  | 63.2  |

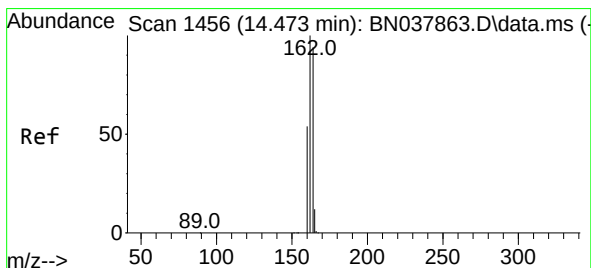
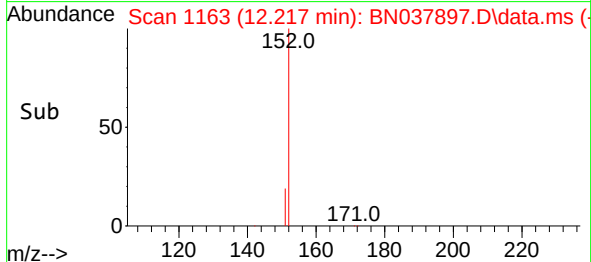
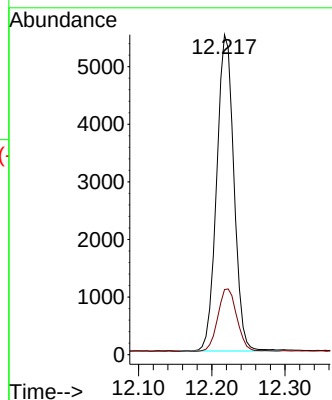
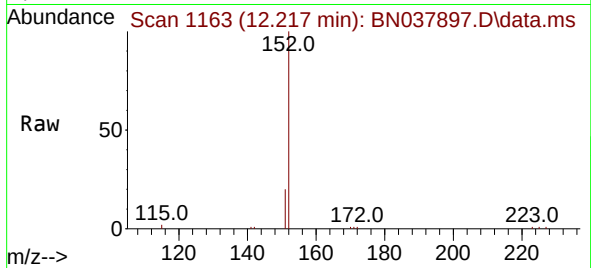




#11  
2-Methylnaphthalene-d10  
Concen: 0.298 ng  
RT: 12.217 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

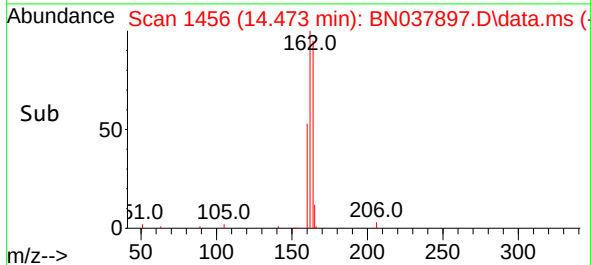
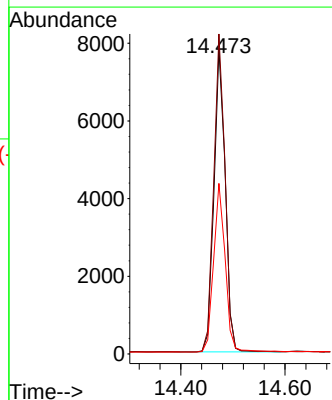
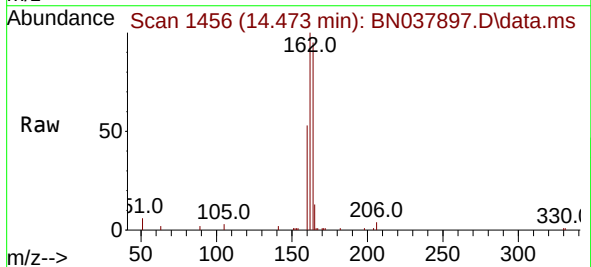
Instrument :  
BNA\_N  
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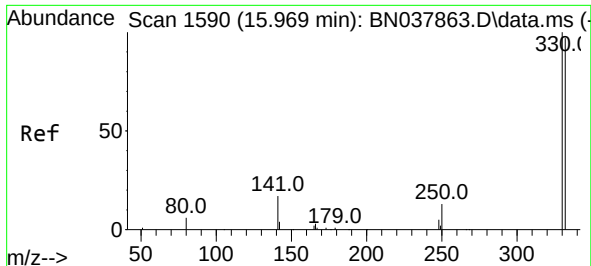
Tgt Ion:152 Resp: 8982  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.4 26.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.473 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

Tgt Ion:164 Resp: 11695  
Ion Ratio Lower Upper  
164 100  
162 105.1 84.8 127.2  
160 56.0 46.1 69.1

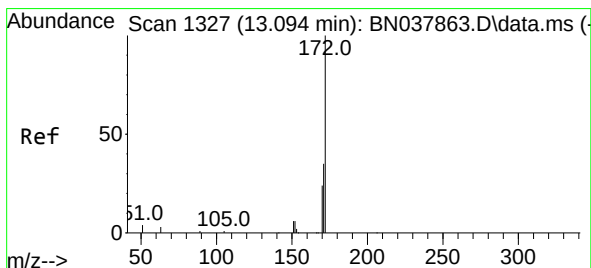
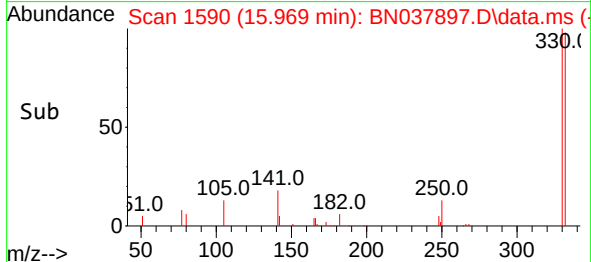
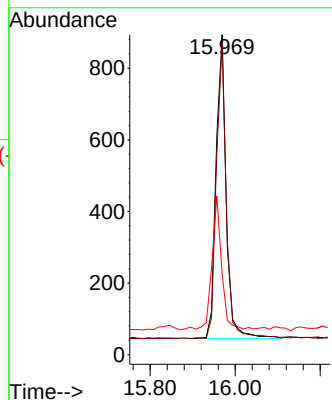
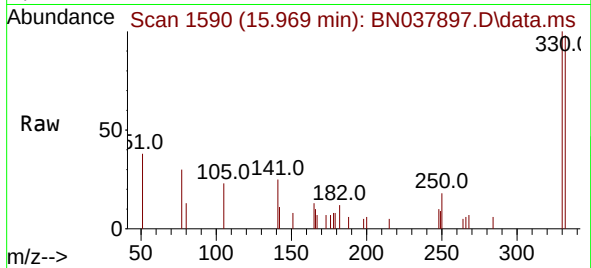




#14  
 2,4,6-Tribromophenol  
 Concen: 0.318 ng  
 RT: 15.969 min Scan# 1590  
 Delta R.T. 0.000 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

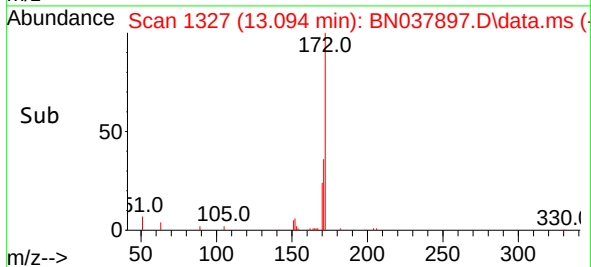
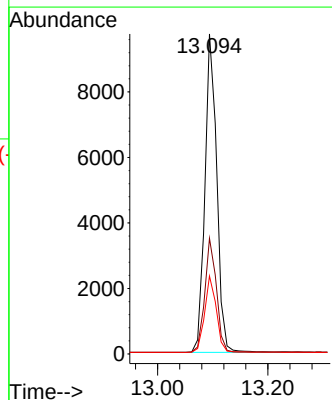
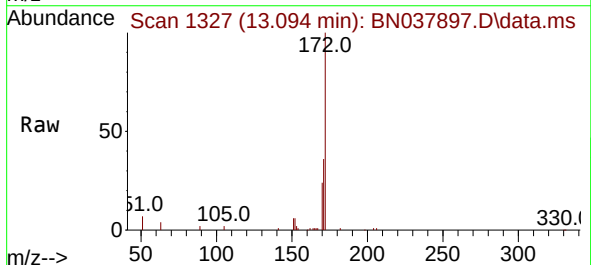
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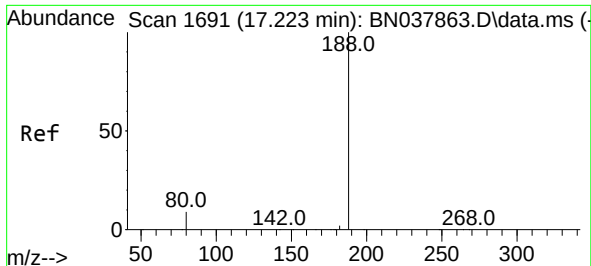
Tgt Ion: 330 Resp: 1409  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 77.2 115.8  
 141 42.6 37.2 55.8



#15  
 2-Fluorobiphenyl  
 Concen: 0.305 ng  
 RT: 13.094 min Scan# 1327  
 Delta R.T. -0.000 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

Tgt Ion: 172 Resp: 14580  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.6 43.0  
 170 24.4 19.7 29.5

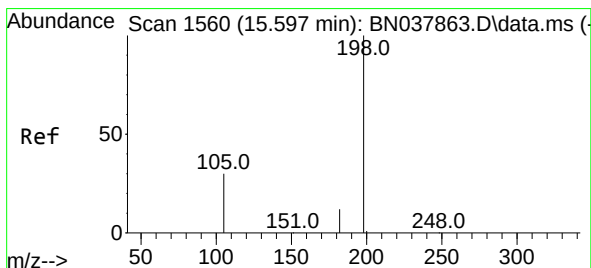
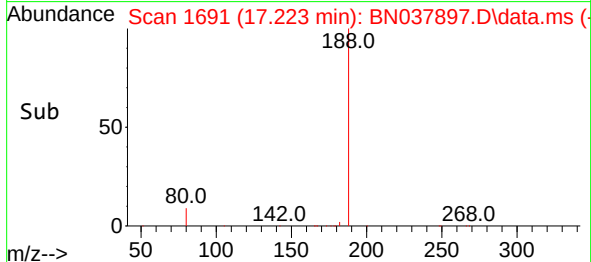
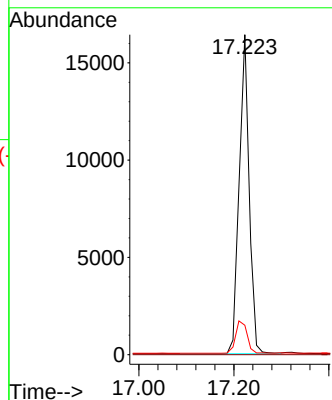
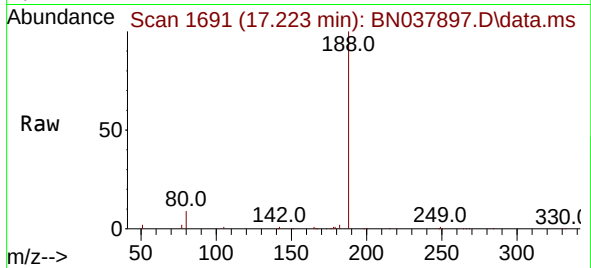




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

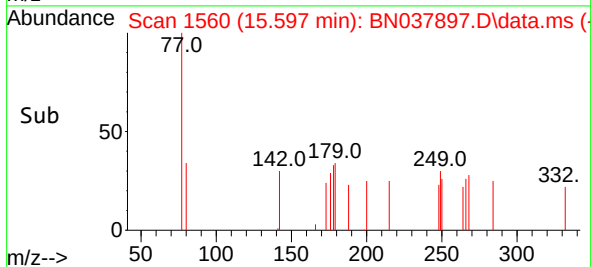
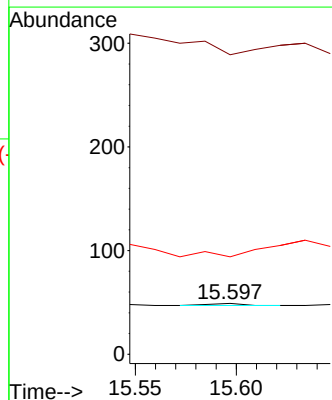
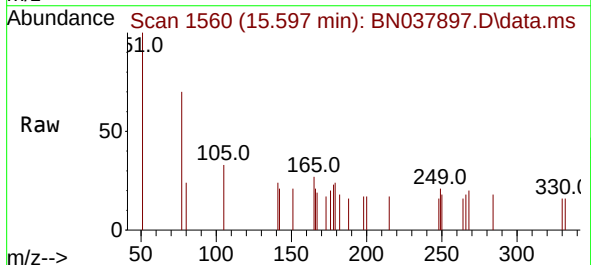
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Tgt Ion:188 Resp: 23866  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 7.6 11.4

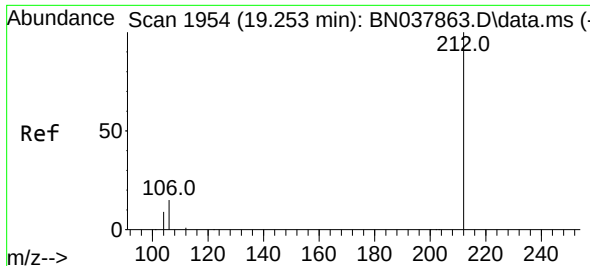


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.068 ng  
RT: 15.597 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

Tgt Ion:198 Resp: 2  
Ion Ratio Lower Upper  
198 100  
51 589.8 59.1 88.7#  
105 191.8 41.3 61.9#



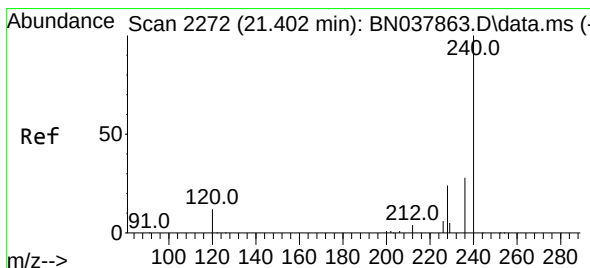
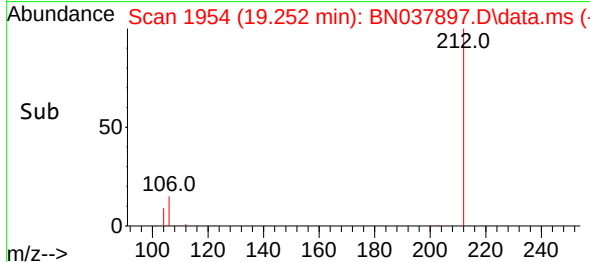
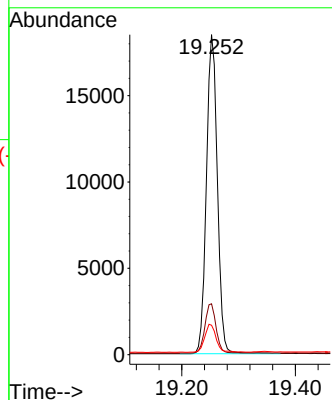
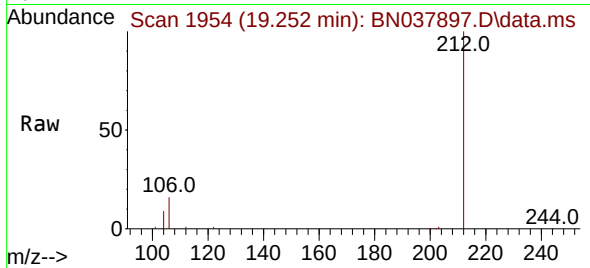




#27  
Fluoranthene-d10  
Concen: 0.411 ng  
RT: 19.252 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

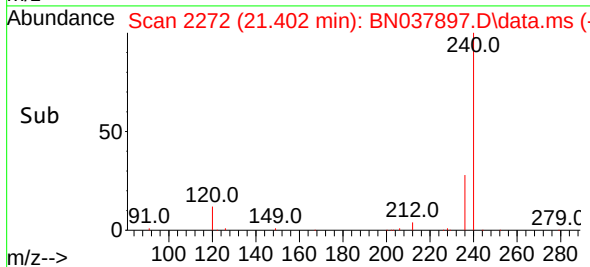
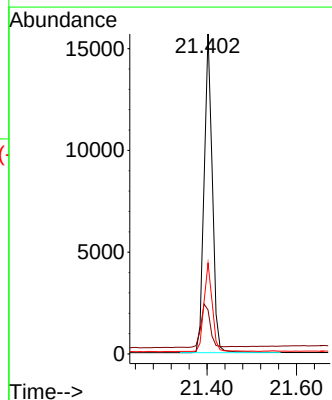
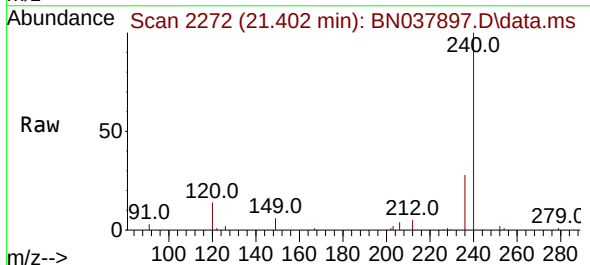
Instrument :  
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ClientSampleId :  
TT190D1-20250918

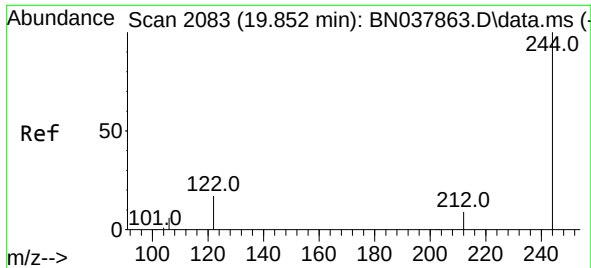
Tgt Ion:212 Resp: 24662  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.6 19.0  
104 9.1 7.4 11.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.402 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BN037897.D  
Acq: 25 Sep 2025 20:05

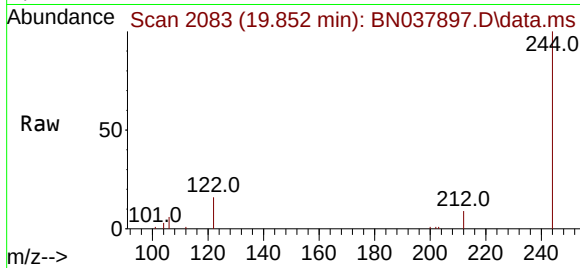
Tgt Ion:240 Resp: 20074  
Ion Ratio Lower Upper  
240 100  
120 13.7 11.4 17.2  
236 28.4 23.0 34.6



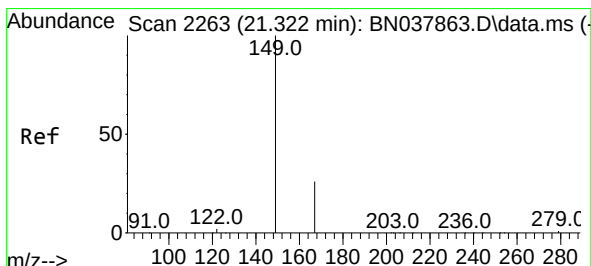
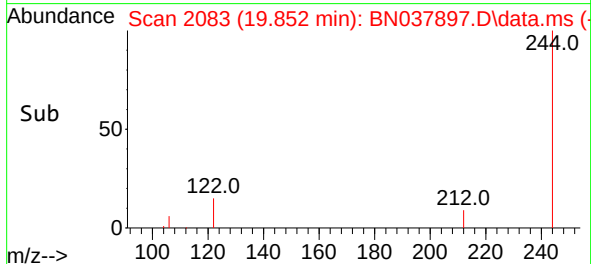
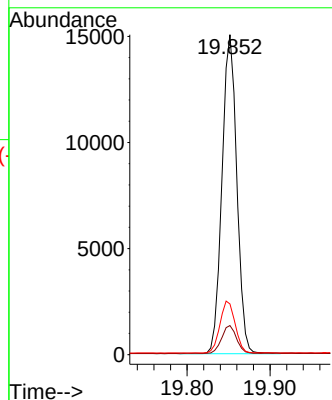


#31  
 Terphenyl-d14  
 Concen: 0.464 ng  
 RT: 19.852 min Scan# 2083  
 Delta R.T. -0.000 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT190D1-20250918

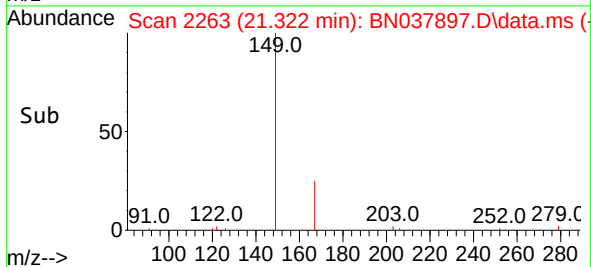
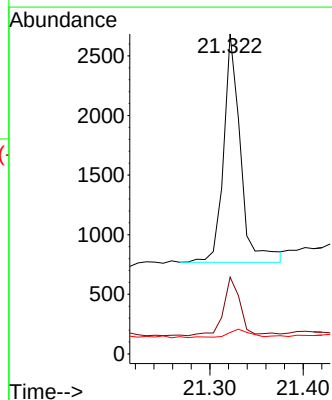
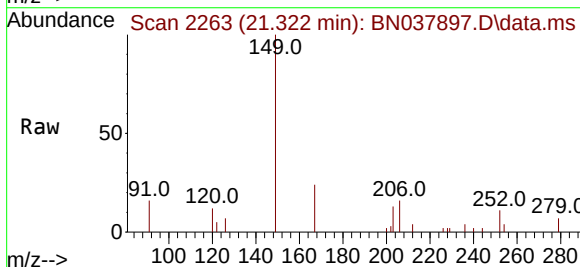


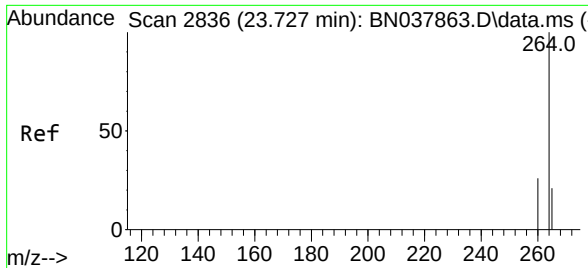
Tgt Ion:244 Resp: 18551  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 7.6 11.4  
 122 15.9 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.086 ng  
 RT: 21.322 min Scan# 2263  
 Delta R.T. -0.000 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

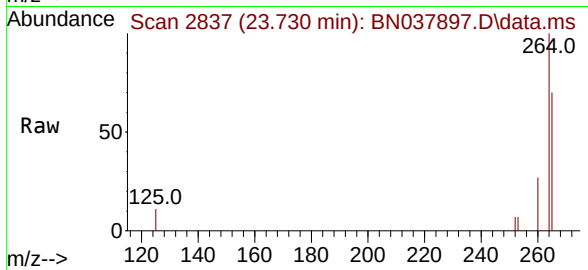
Tgt Ion:149 Resp: 2399  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 20.4 30.6  
 279 5.1 2.4 3.6#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.730 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BN037897.D  
 Acq: 25 Sep 2025 20:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT190D1-20250918



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 17451 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 26.8  | 21.5  | 32.3  |
| 265      | 70.4  | 53.8  | 80.6  |

