

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
 Data File : BN036629.D  
 Acq On : 15 Mar 2025 04:53  
 Operator : RC/JU  
 Sample : Q1559-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20250310

Quant Time: Mar 15 05:19:05 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

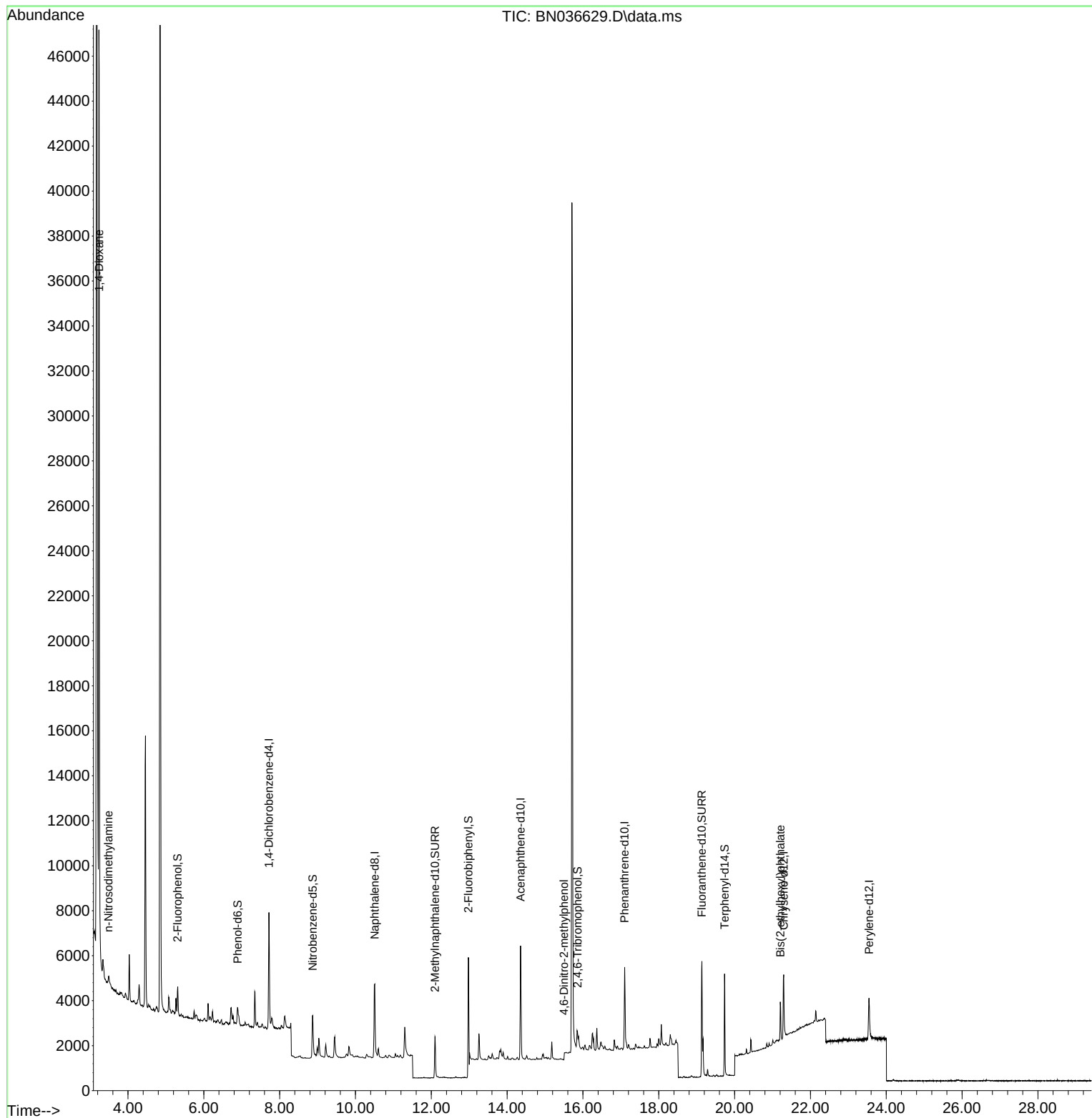
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 2170     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 4970     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.355 | 164  | 2753     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.099 | 188  | 5055     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.295 | 240  | 3383     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.546 | 264  | 2973     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 898      | 0.178 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.894  | 99   | 626      | 0.100 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 1962     | 0.363 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.096 | 152  | 2816     | 0.381 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.858 | 330  | 506      | 0.405 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.978 | 172  | 7099     | 0.443 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.136 | 212  | 6006     | 0.464 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.736 | 244  | 4352     | 0.537 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 20745    | 8.618 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.485  | 42   | 135      | 0.028 | ng    | # 25     |
| 20) 4,6-Dinitro-2-methylph... | 15.499 | 198  | 8        | 0.152 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 1939     | 0.231 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

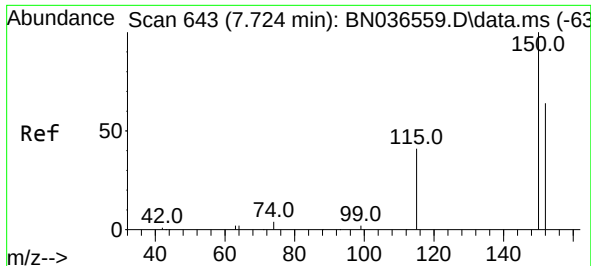
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
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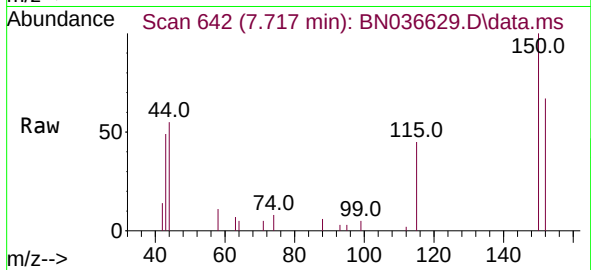
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration



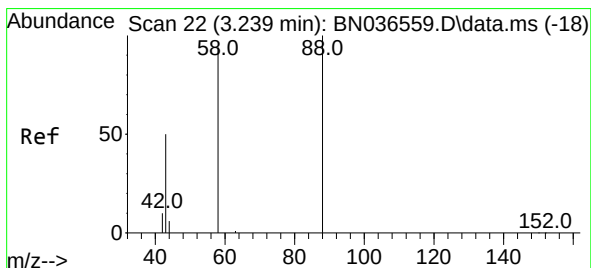
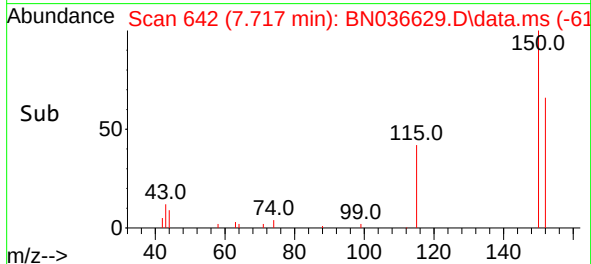
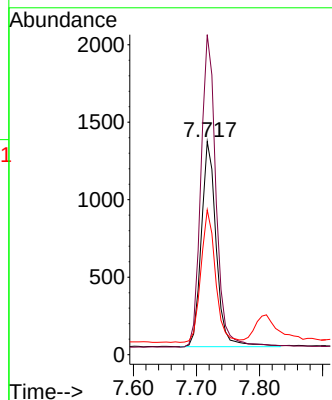


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.717 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20250310

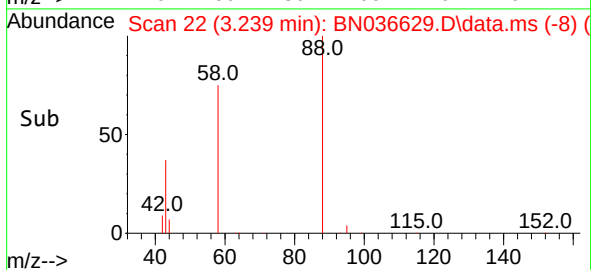
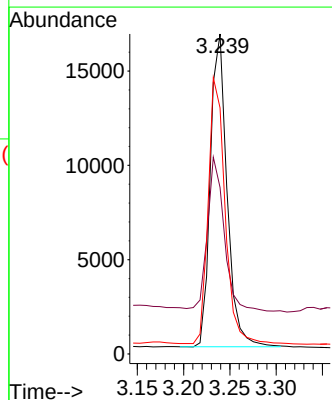
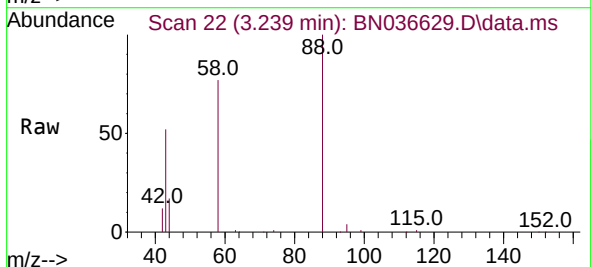


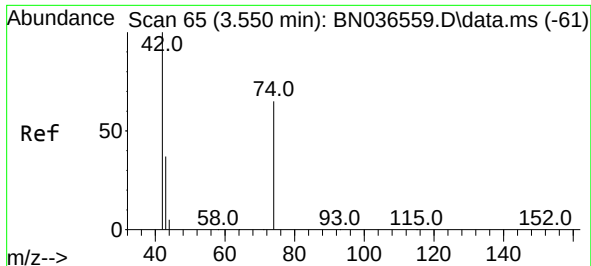
Tgt Ion:152 Resp: 2170  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 123.7 185.5  
 115 67.9 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 8.618 ng  
 RT: 3.239 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

Tgt Ion: 88 Resp: 20745  
 Ion Ratio Lower Upper  
 88 100  
 43 49.4 37.8 56.8  
 58 85.6 67.4 101.2

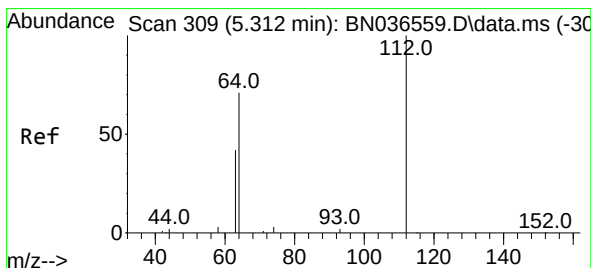
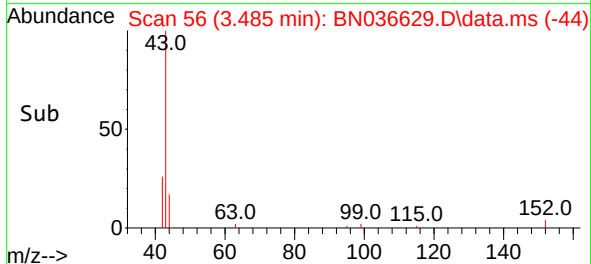
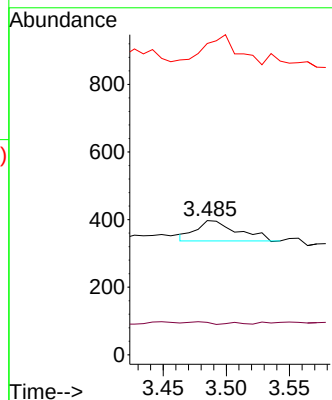
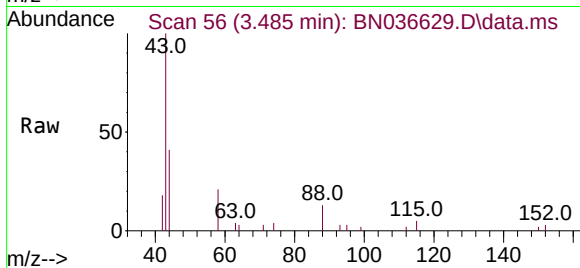




#3  
n-Nitrosodimethylamine  
Concen: 0.028 ng  
RT: 3.485 min Scan# 50  
Delta R.T. -0.065 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

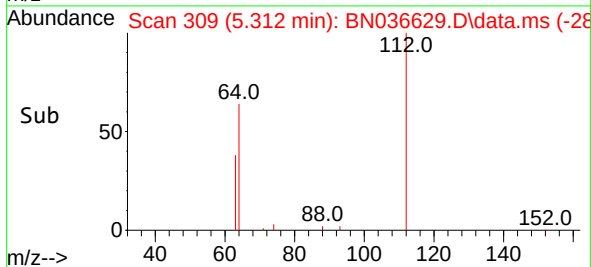
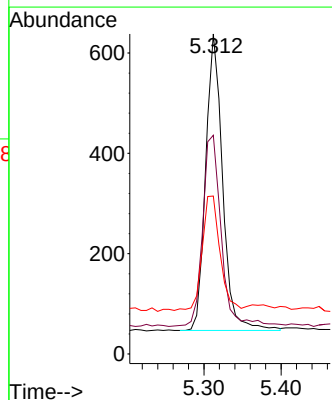
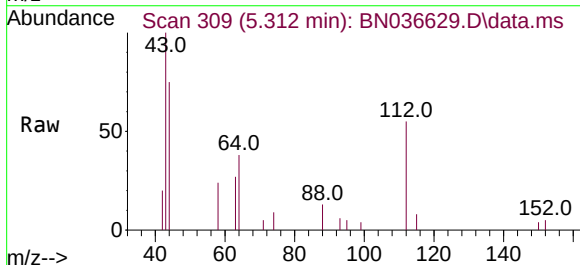
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ClientSampleId :  
RE134D3-20250310

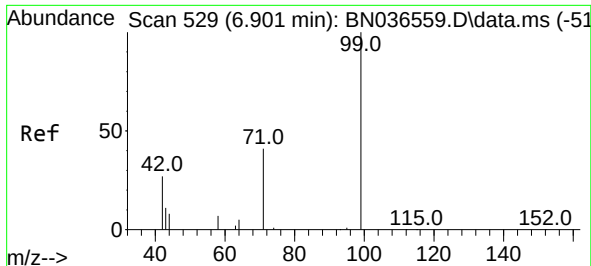
Tgt Ion: 42 Resp: 135  
Ion Ratio Lower Upper  
42 100  
74 6.7 60.6 90.8#  
44 0.0 6.3 9.5#



#4  
2-Fluorophenol  
Concen: 0.178 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

Tgt Ion: 112 Resp: 898  
Ion Ratio Lower Upper  
112 100  
64 70.8 53.1 79.7  
63 42.7 31.8 47.8

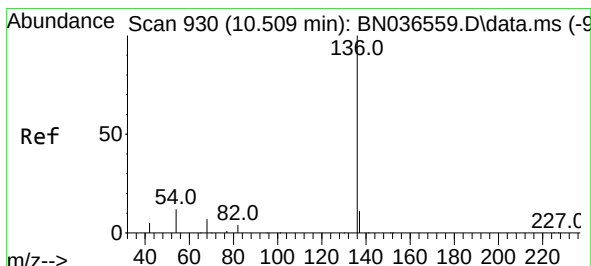
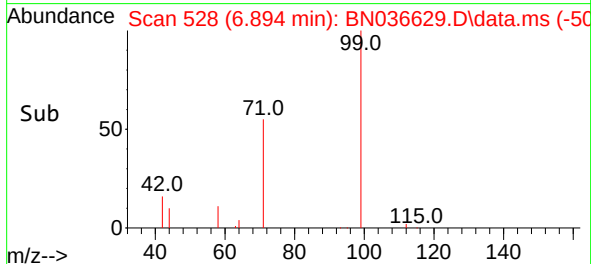
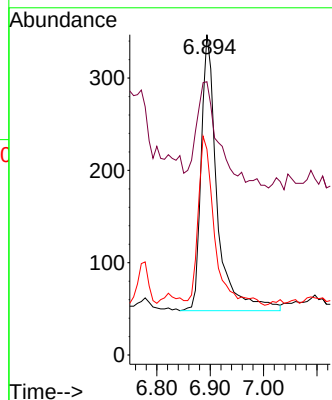
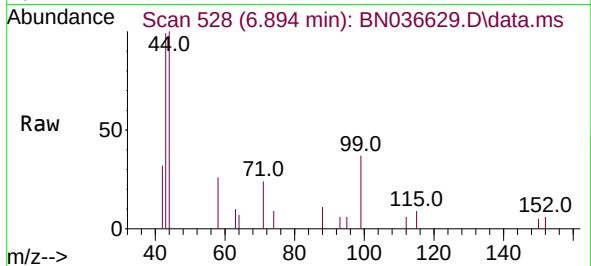




#5  
Phenol-d6  
Concen: 0.100 ng  
RT: 6.894 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

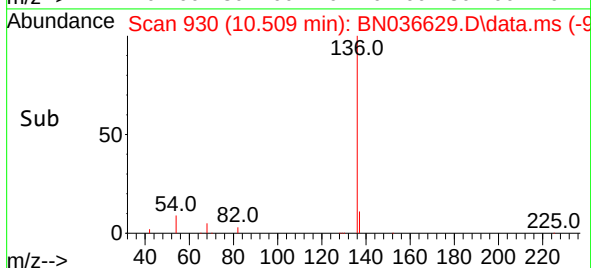
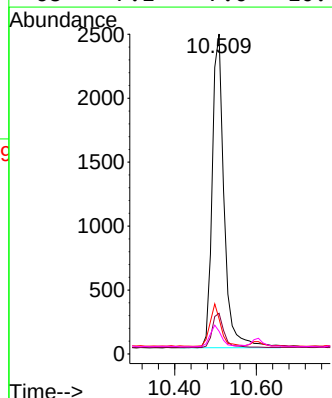
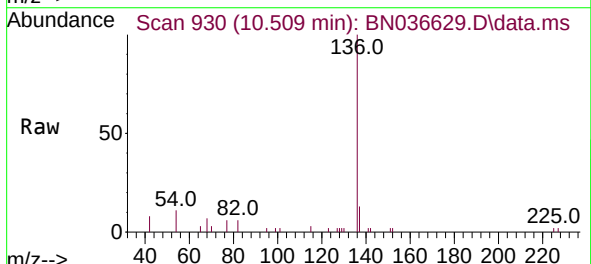
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250310

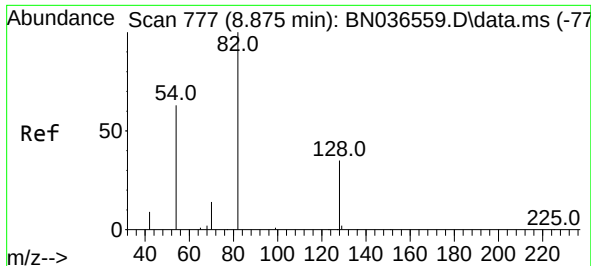
Tgt Ion: 99 Resp: 626  
Ion Ratio Lower Upper  
99 100  
42 44.2 26.5 39.7#  
71 62.0 34.1 51.1#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

Tgt Ion: 136 Resp: 4970  
Ion Ratio Lower Upper  
136 100  
137 12.7 10.3 15.5  
54 11.0 11.5 17.3#  
68 7.1 7.0 10.4

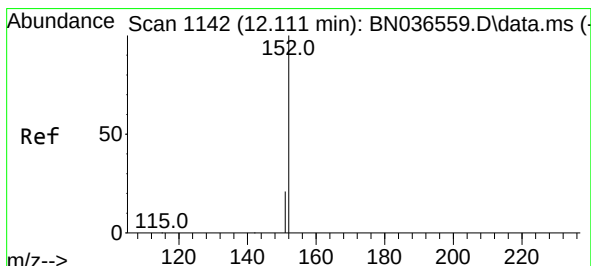
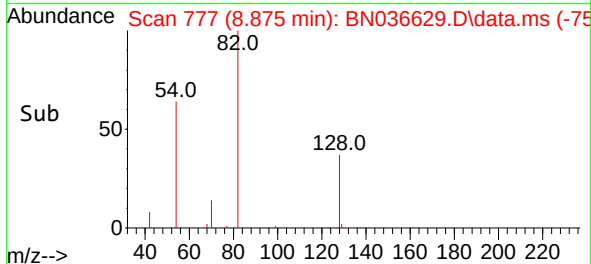
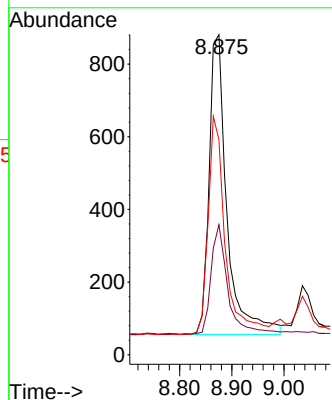
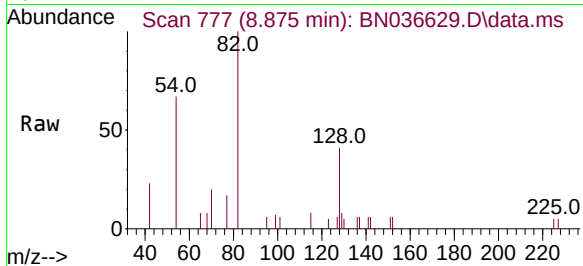




#8  
 Nitrobenzene-d5  
 Concen: 0.363 ng  
 RT: 8.875 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

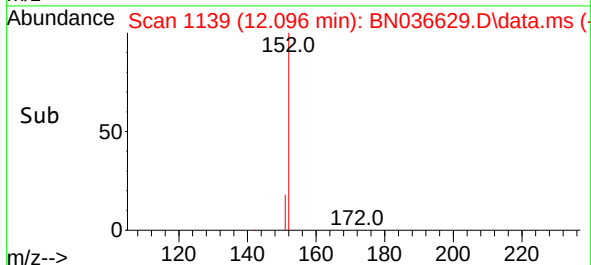
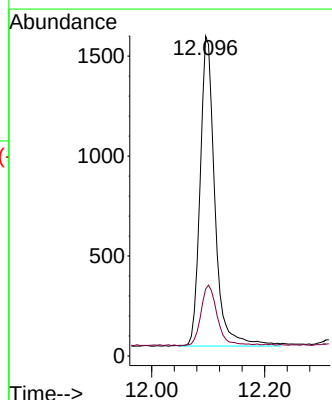
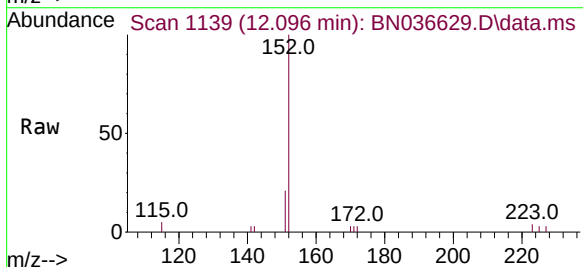
Instrument :  
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 RE134D3-20250310

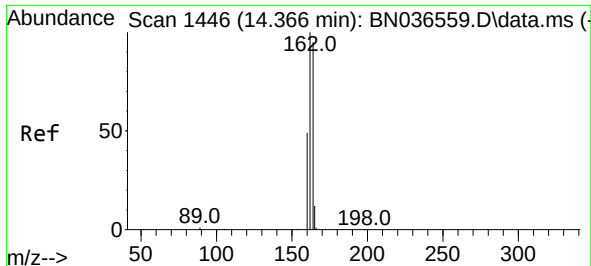
Tgt Ion: 82 Resp: 1962  
 Ion Ratio Lower Upper  
 82 100  
 128 40.6 30.6 45.8  
 54 67.2 52.2 78.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.381 ng  
 RT: 12.096 min Scan# 1139  
 Delta R.T. -0.015 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

Tgt Ion: 152 Resp: 2816  
 Ion Ratio Lower Upper  
 152 100  
 151 21.7 17.0 25.6

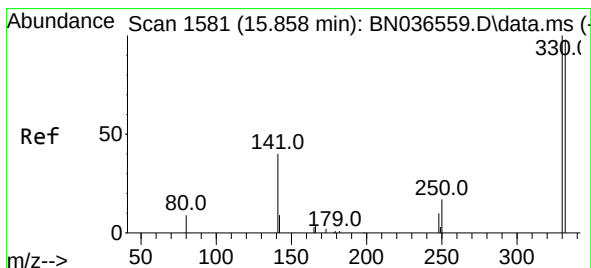
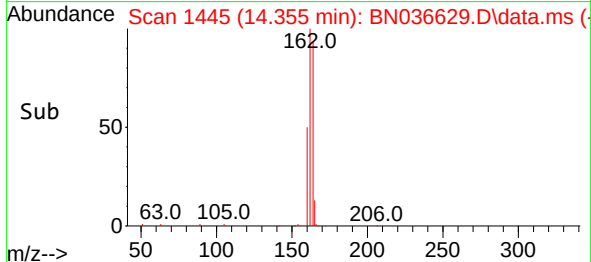
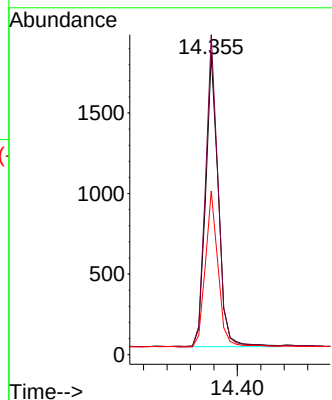
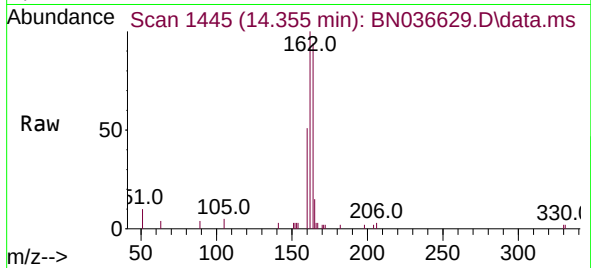




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.355 min Scan# 1445  
Delta R.T. -0.011 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

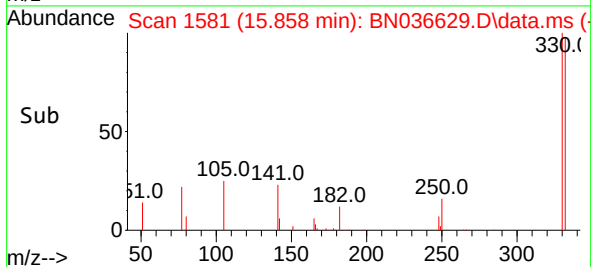
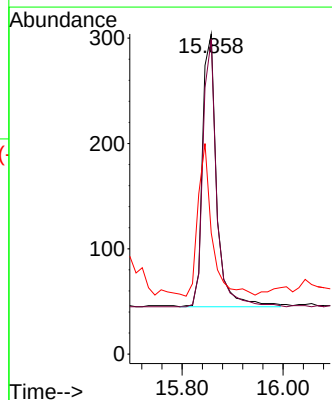
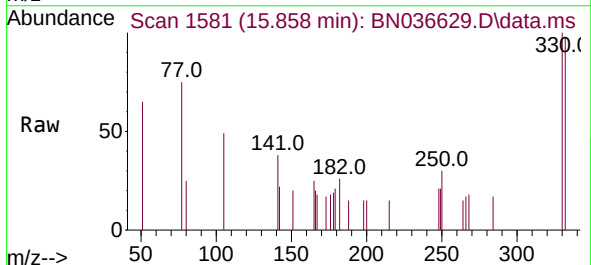
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ClientSampleId :  
RE134D3-20250310

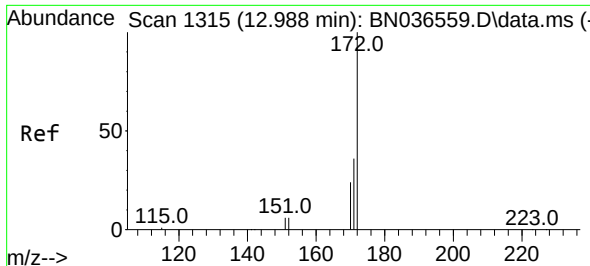
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|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2753  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 106.6 | 84.2  | 126.2 |
| 160      | 54.5  | 42.2  | 63.2  |



#14  
2,4,6-Tribromophenol  
Concen: 0.405 ng  
RT: 15.858 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 506   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 94.9  | 75.2  | 112.8 |
| 141      | 55.5  | 43.4  | 65.2  |

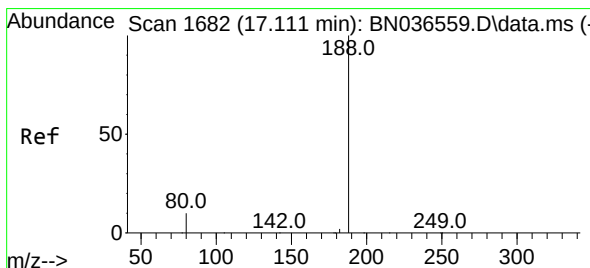
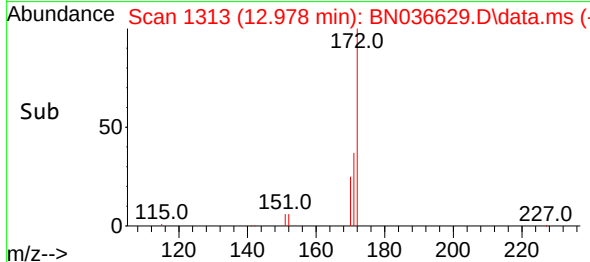
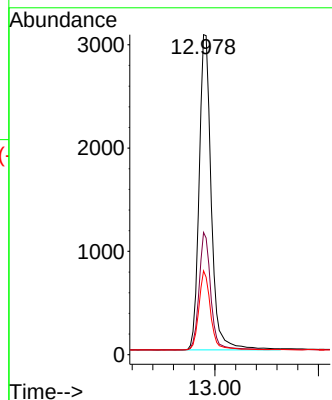
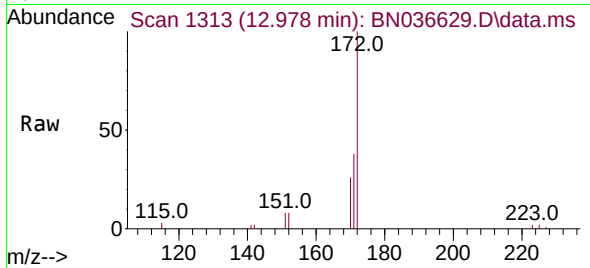




#15  
2-Fluorobiphenyl  
Concen: 0.443 ng  
RT: 12.978 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

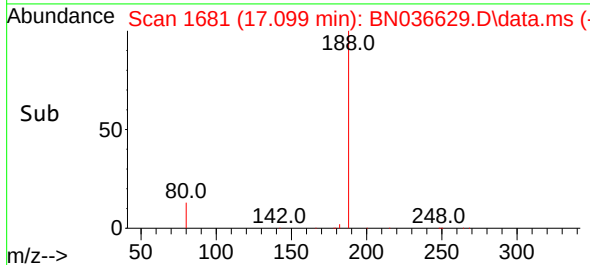
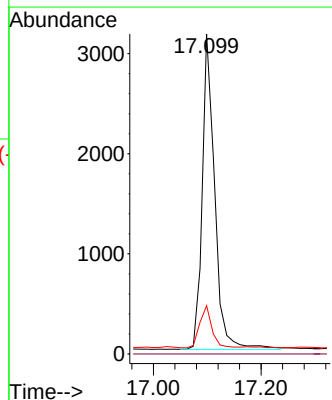
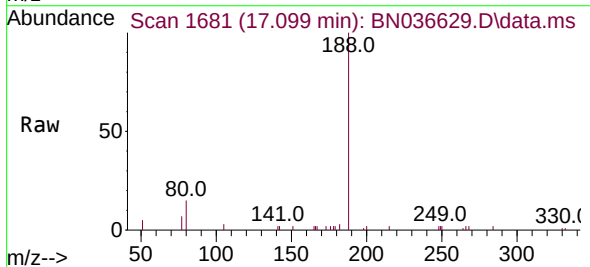
Instrument :  
BNA\_N  
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RE134D3-20250310

Tgt Ion:172 Resp: 7099  
Ion Ratio Lower Upper  
172 100  
171 38.2 29.5 44.3  
170 26.2 20.2 30.4

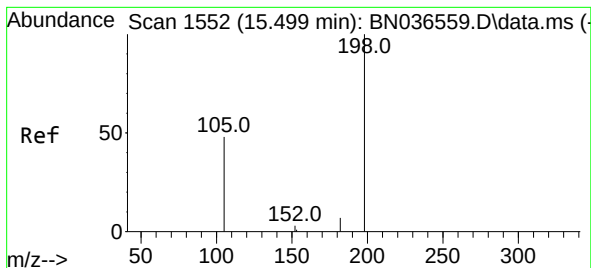


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.012 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

Tgt Ion:188 Resp: 5055  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 8.8 13.2#



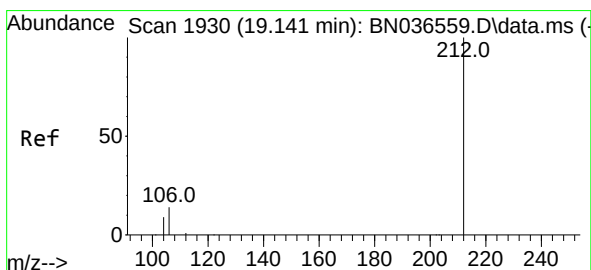
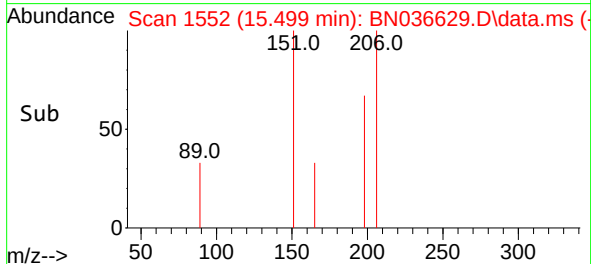
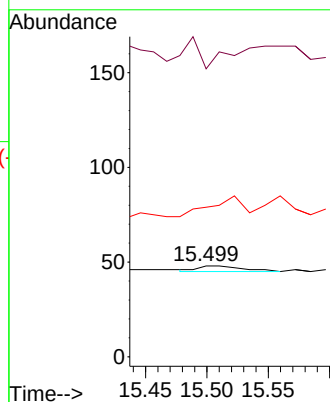
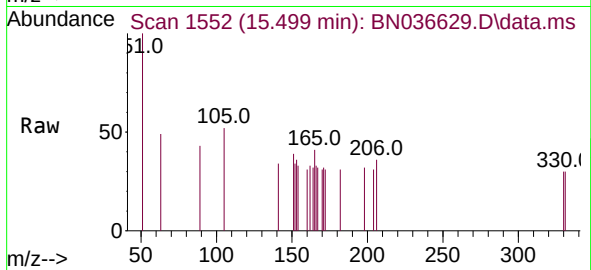




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.152 ng  
RT: 15.499 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

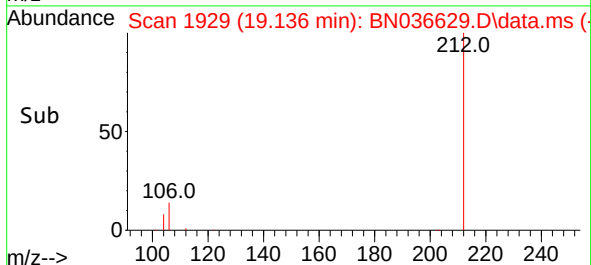
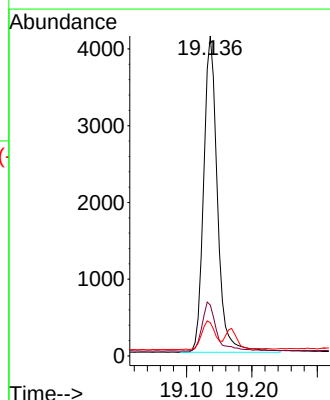
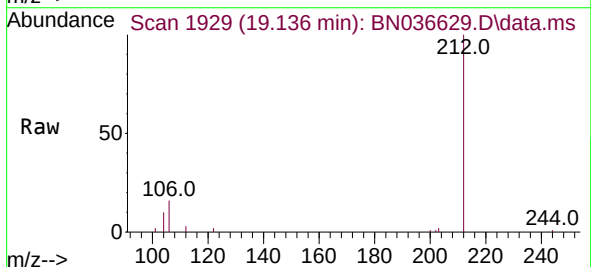
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BNA\_N  
ClientSampleId :  
RE134D3-20250310

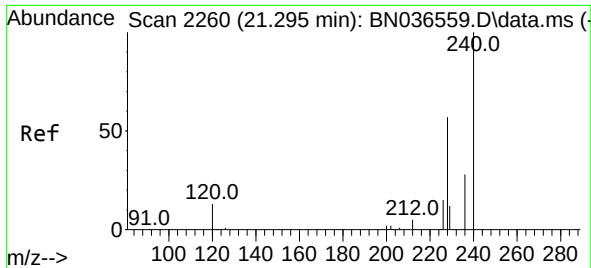
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Ion Ratio Lower Upper  
198 100  
51 316.7 107.9 161.9#  
105 164.6 56.2 84.2#



#27  
Fluoranthene-d10  
Concen: 0.464 ng  
RT: 19.136 min Scan# 1929  
Delta R.T. -0.005 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

Tgt Ion:212 Resp: 6006  
Ion Ratio Lower Upper  
212 100  
106 16.6 11.8 17.6  
104 9.2 7.3 10.9

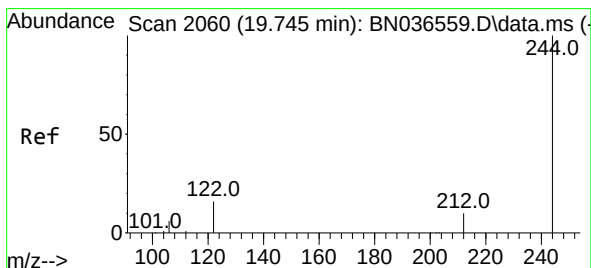
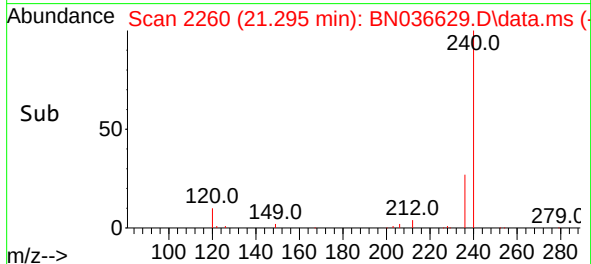
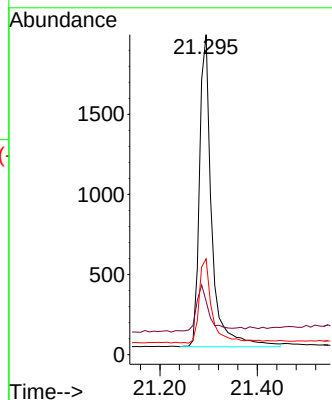
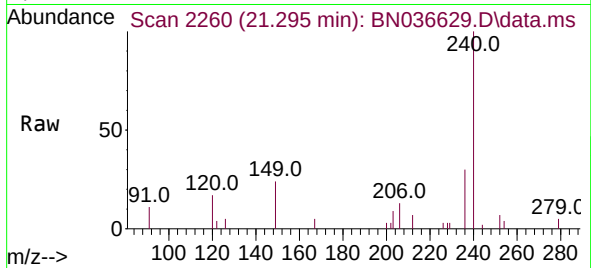




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.295 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

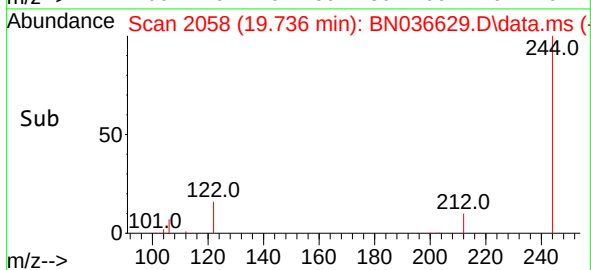
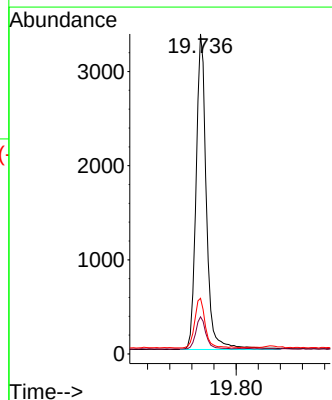
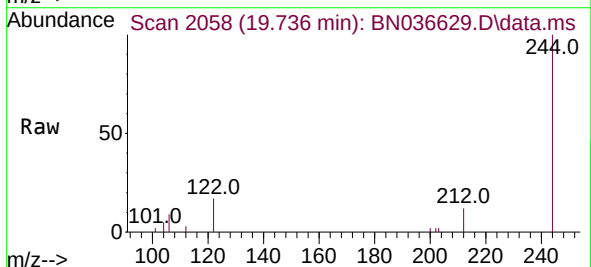
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250310

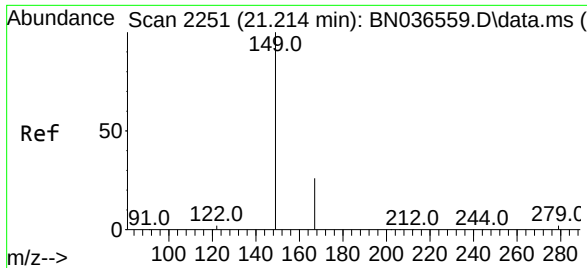
Tgt Ion:240 Resp: 3383  
Ion Ratio Lower Upper  
240 100  
120 16.7 14.6 22.0  
236 29.9 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.537 ng  
RT: 19.736 min Scan# 2058  
Delta R.T. -0.009 min  
Lab File: BN036629.D  
Acq: 15 Mar 2025 04:53

Tgt Ion:244 Resp: 4352  
Ion Ratio Lower Upper  
244 100  
212 11.6 9.6 14.4  
122 17.4 13.9 20.9

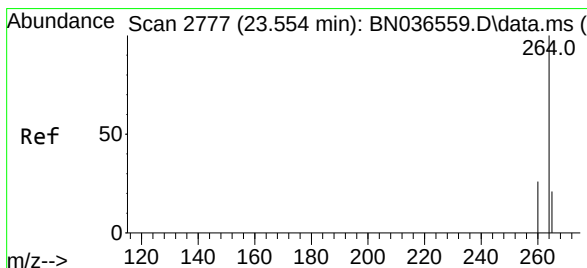
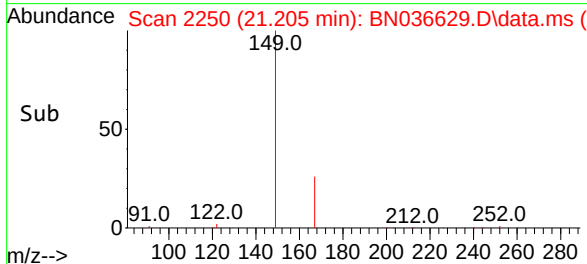
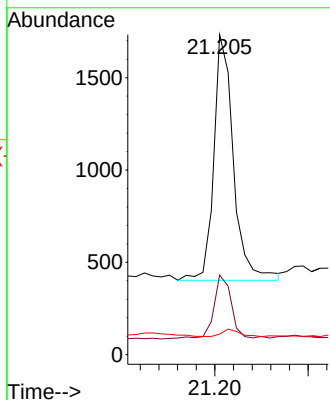
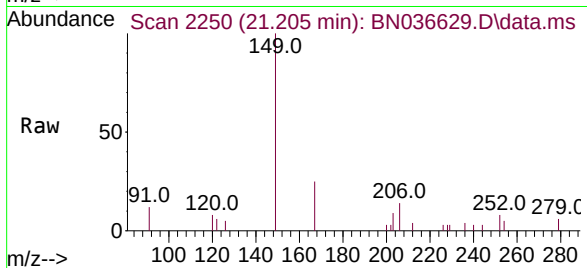




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.231 ng  
 RT: 21.205 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20250310

Tgt Ion:149 Resp: 1939  
 Ion Ratio Lower Upper  
 149 100  
 167 21.9 20.7 31.1  
 279 2.6 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.546 min Scan# 2774  
 Delta R.T. -0.009 min  
 Lab File: BN036629.D  
 Acq: 15 Mar 2025 04:53

Tgt Ion:264 Resp: 2973  
 Ion Ratio Lower Upper  
 264 100  
 260 28.0 22.6 33.8  
 265 120.5 88.1 132.1

