

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110425\  
 Data File : BN038144.D  
 Acq On : 04 Nov 2025 19:35  
 Operator : RC/JU  
 Sample : Q3525-01DL 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

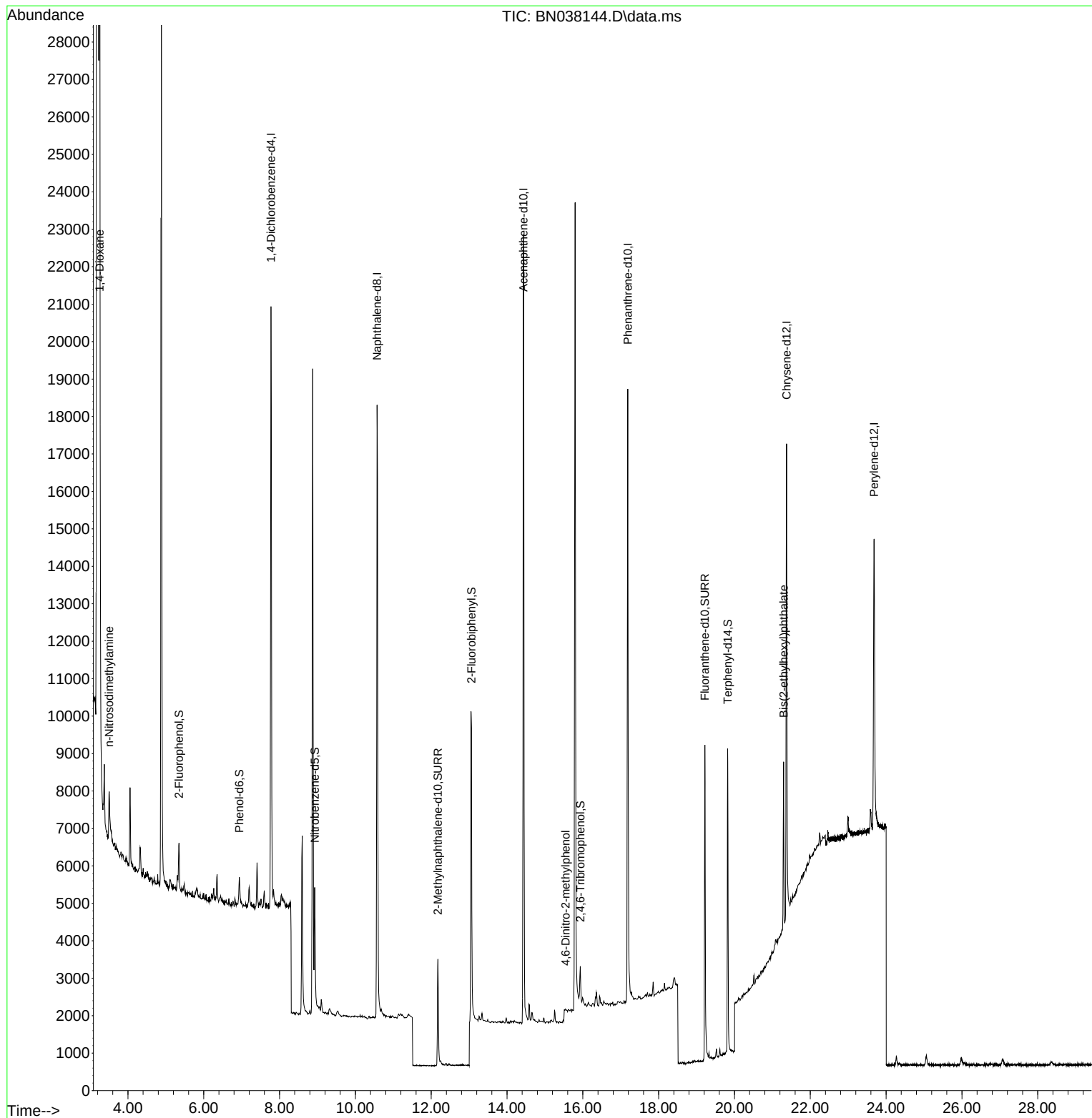
Quant Time: Nov 04 21:15:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 29 13:09:46 2025  
 Response via : Initial Calibration

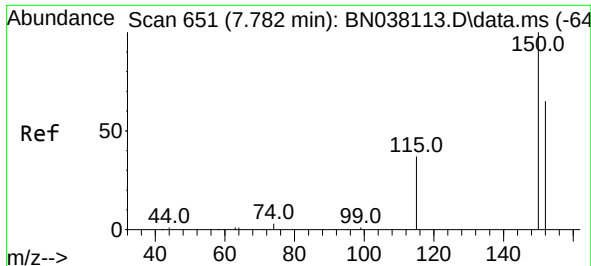
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 8331     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.573 | 136  | 24076    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.430 | 164  | 13164    | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.186 | 188  | 23184    | 0.400 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.375 | 240  | 13188    | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.680 | 264  | 12045    | 0.400 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.348  | 112  | 1133     | 0.058 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.937  | 99   | 774      | 0.032 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.929  | 82   | 3058     | 0.157 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.177 | 152  | 4628     | 0.135 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.932 | 330  | 640      | 0.118 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.062 | 172  | 8130     | 0.154 | ng    | 0.01      |
| 27) Fluoranthene-d10          | 19.220 | 212  | 9837     | 0.168 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.819 | 244  | 7846     | 0.274 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.254  | 88   | 27212    | 3.161 | ng    | Qvalue 98 |
| 3) n-Nitrosodimethylamine     | 3.507  | 42   | 551      | 0.050 | ng    | # 1       |
| 20) 4,6-Dinitro-2-methylph... | 15.547 | 198  | 1        | 0.184 | ng    | # 1       |
| 34) Bis(2-ethylhexyl)phtha... | 21.295 | 149  | 4015     | 0.162 | ng    | 100       |
| -----                         |        |      |          |       |       |           |

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

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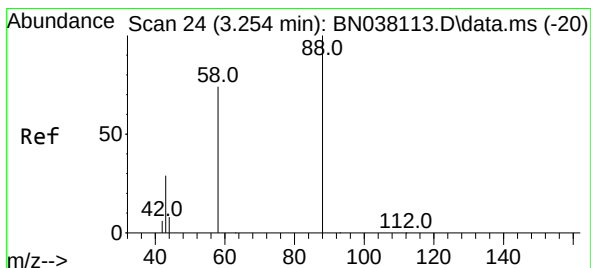
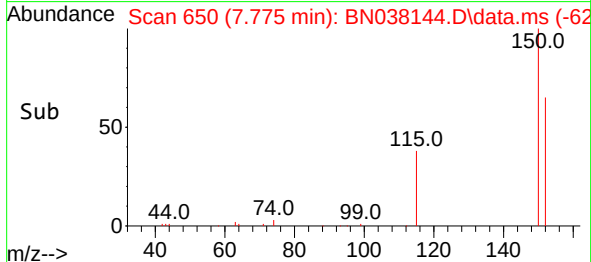
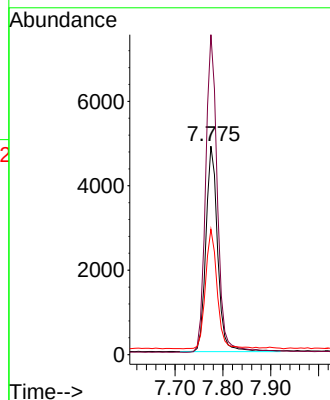
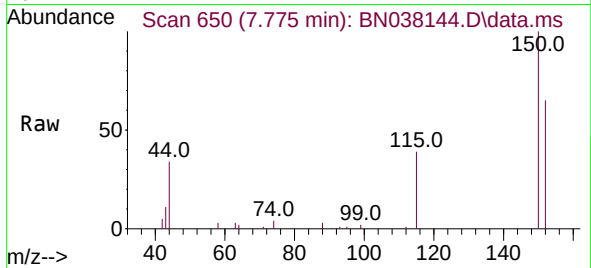
Quant Time: Nov 04 21:15:56 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 29 13:09:46 2025  
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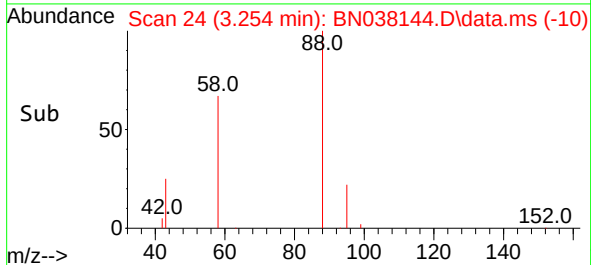
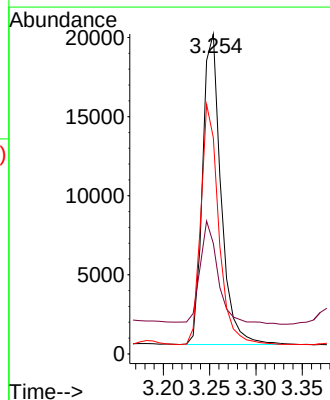
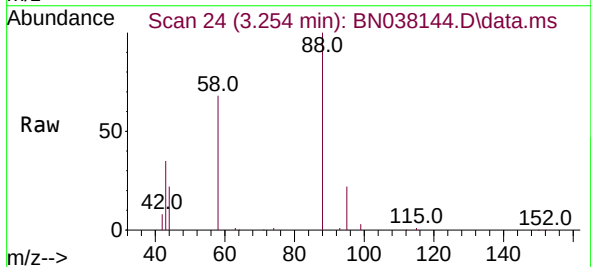
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 650  
 Delta R.T. -0.000 min  
 Lab File: BN038144.D  
 Acq: 04 Nov 2025 19:35

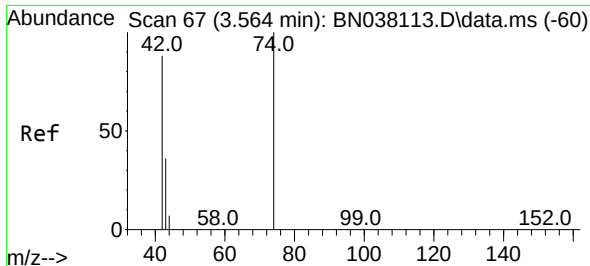
Tgt Ion:152 Resp: 8331  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 122.3 183.5  
 115 60.1 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 3.161 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN038144.D  
 Acq: 04 Nov 2025 19:35

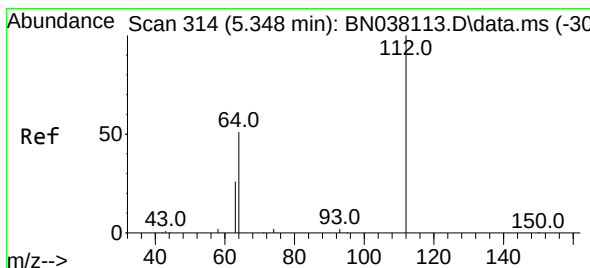
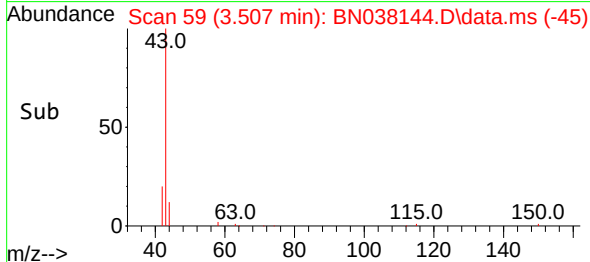
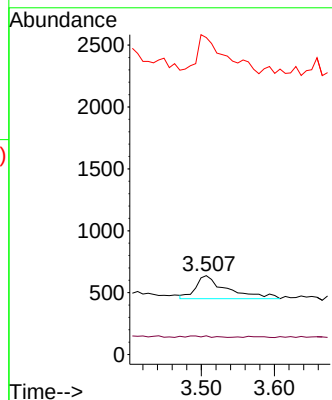
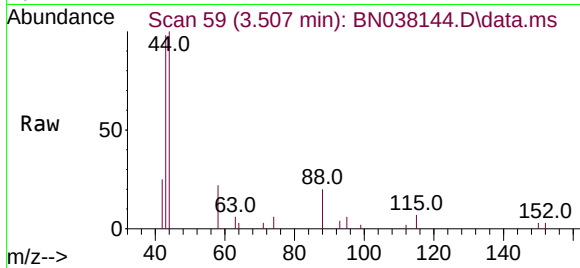
Tgt Ion: 88 Resp: 27212  
 Ion Ratio Lower Upper  
 88 100  
 43 32.7 24.3 36.5  
 58 75.1 60.4 90.6





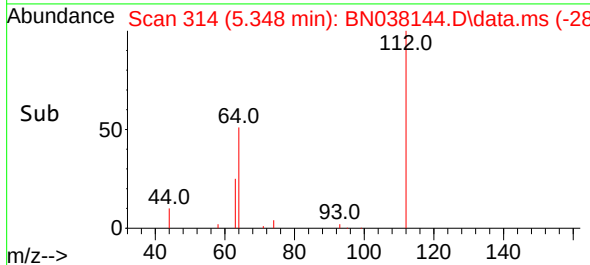
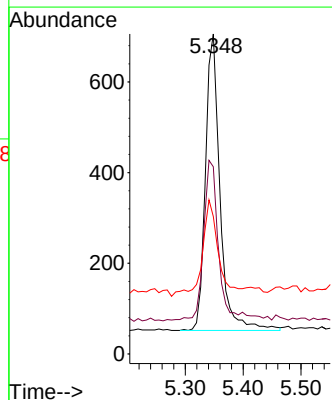
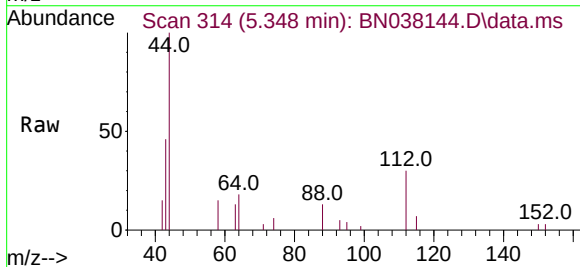
#3  
n-Nitrosodimethylamine  
Concen: 0.050 ng  
RT: 3.507 min Scan# 59  
Delta R.T. -0.051 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

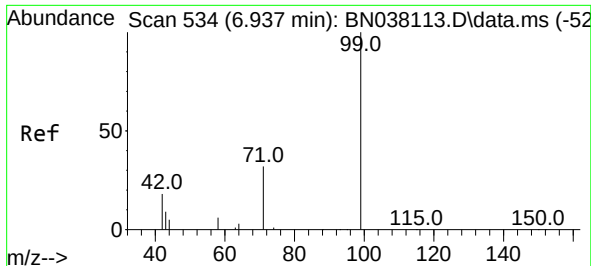
Tgt Ion: 42 Resp: 551  
Ion Ratio Lower Upper  
42 100  
74 5.1 96.8 145.2#  
44 148.8 5.3 7.9#



#4  
2-Fluorophenol  
Concen: 0.058 ng  
RT: 5.348 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

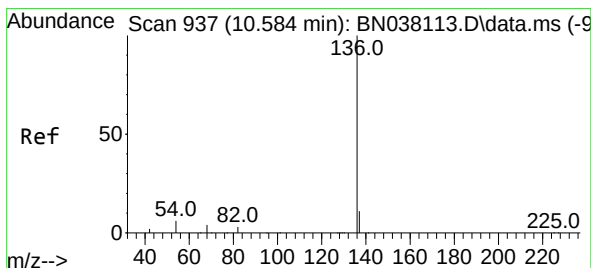
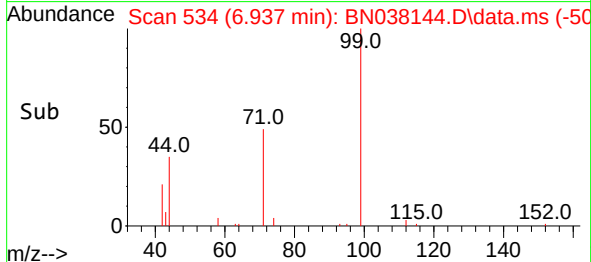
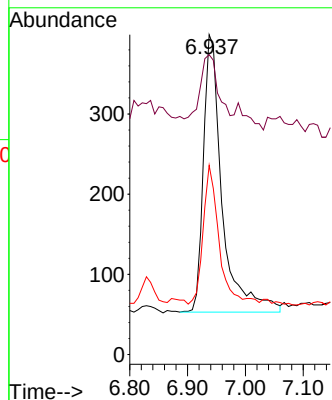
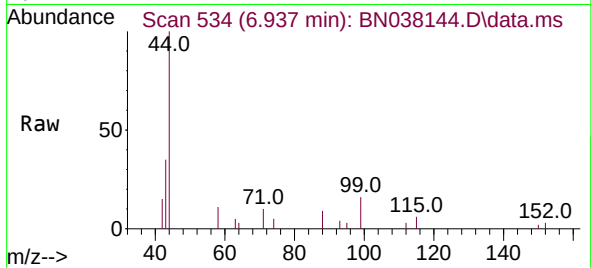
Tgt Ion: 112 Resp: 1133  
Ion Ratio Lower Upper  
112 100  
64 57.4 45.4 68.0  
63 35.6 23.2 34.8#





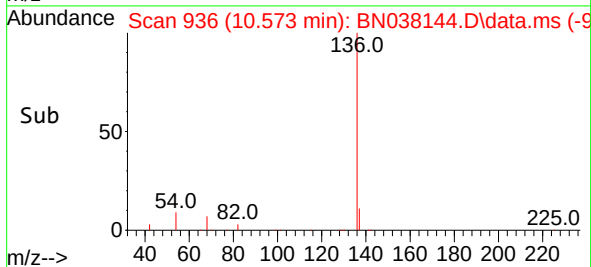
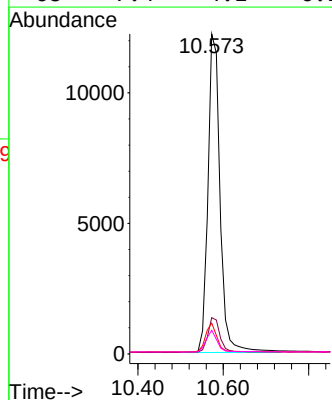
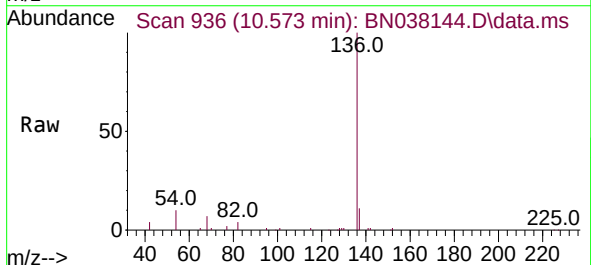
#5  
Phenol-d6  
Concen: 0.032 ng  
RT: 6.937 min Scan# 534  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

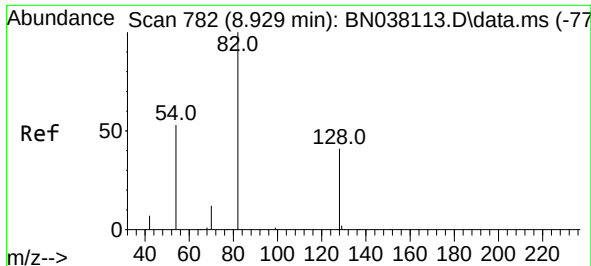
Tgt Ion: 99 Resp: 774  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.6 24.8  
71 42.2 25.4 38.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

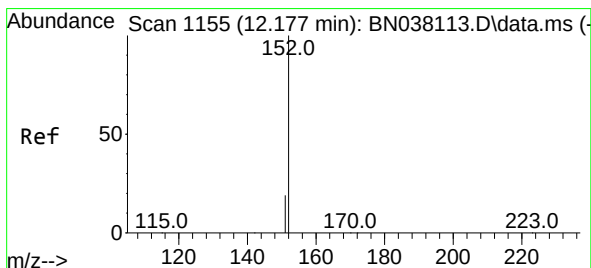
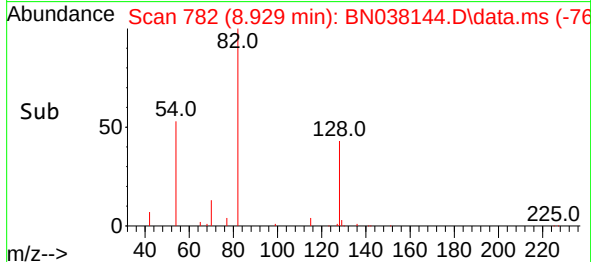
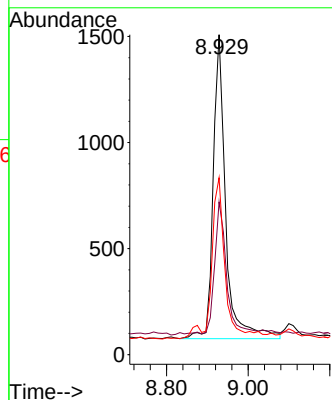
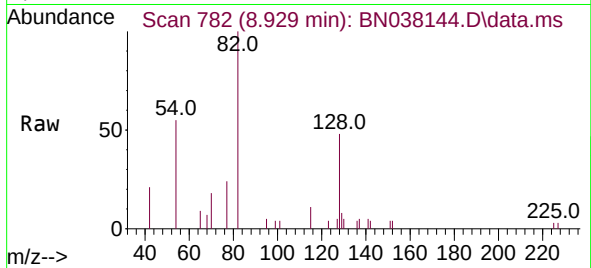
Tgt Ion: 136 Resp: 24076  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 9.6 5.2 7.8#  
68 7.4 4.1 6.1#





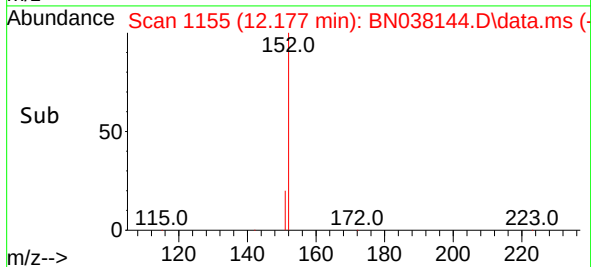
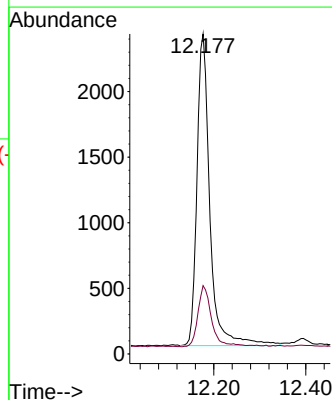
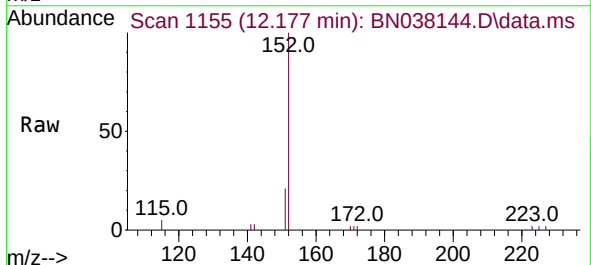
#8  
Nitrobenzene-d5  
Concen: 0.157 ng  
RT: 8.929 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

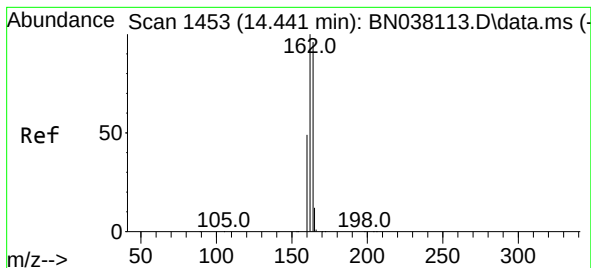
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.7  | 34.1  | 51.1  |
| 54      | 55.3  | 43.5  | 65.3  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.135 ng  
RT: 12.177 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

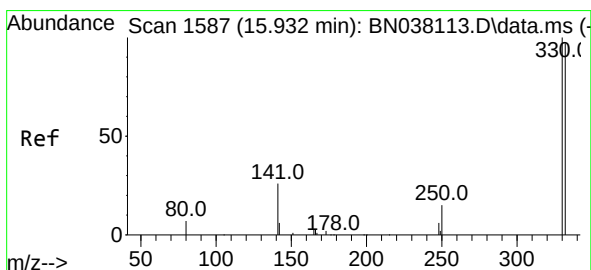
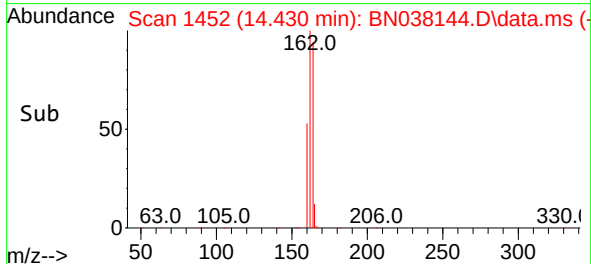
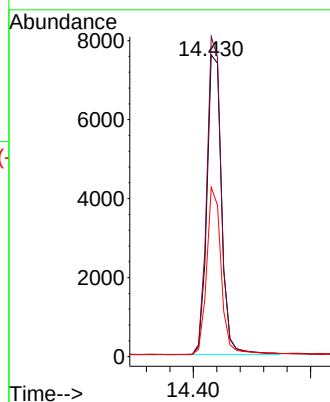
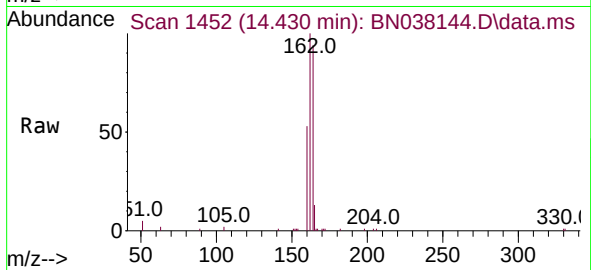
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.8  | 25.2  |





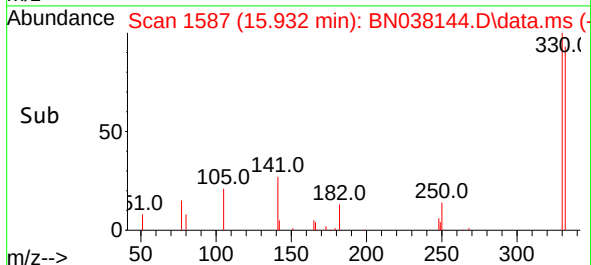
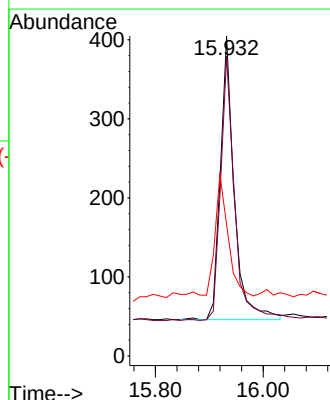
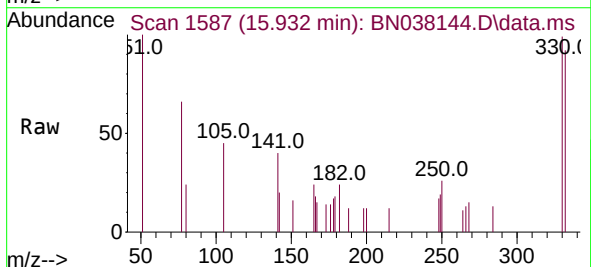
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.430 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

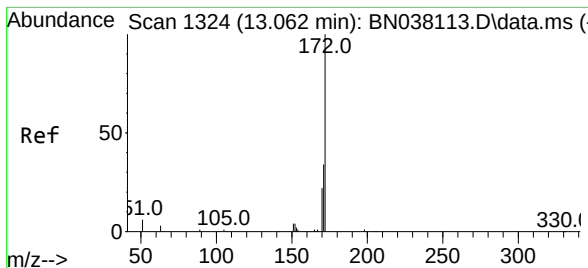
Tgt Ion:164 Resp: 13164  
Ion Ratio Lower Upper  
164 100  
162 106.0 83.0 124.4  
160 56.1 40.7 61.1



#14  
2,4,6-Tribromophenol  
Concen: 0.118 ng  
RT: 15.932 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

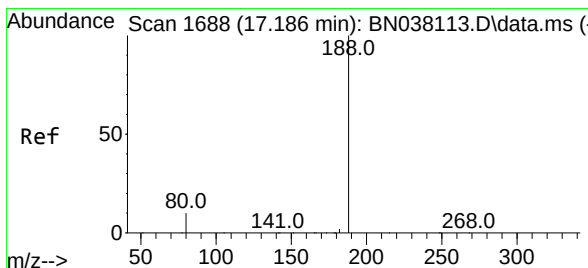
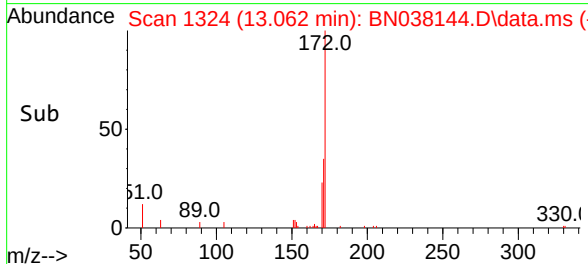
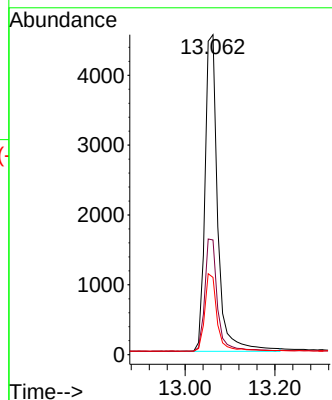
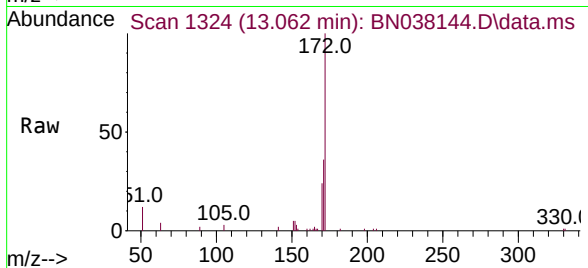
Tgt Ion:330 Resp: 640  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.6 114.8  
141 47.3 34.1 51.1





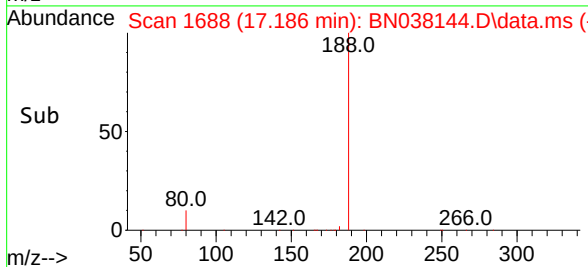
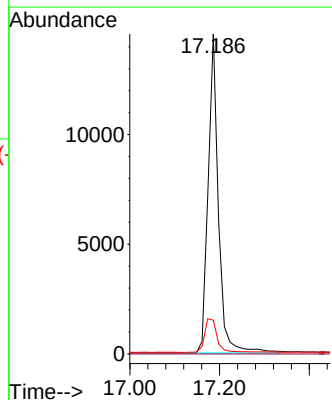
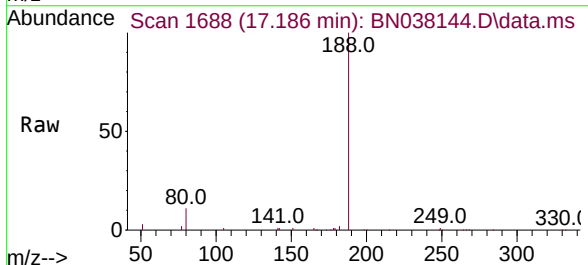
#15  
2-Fluorobiphenyl  
Concen: 0.154 ng  
RT: 13.062 min Scan# 1324  
Delta R.T. 0.011 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 8130 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.8  | 27.8  | 41.6 |
| 170       | 24.1  | 18.1  | 27.1 |

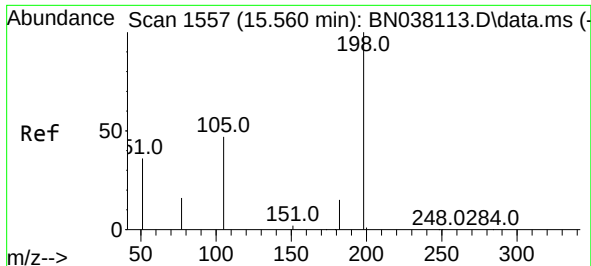


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.186 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 23184 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 10.5  | 8.6   | 13.0  |

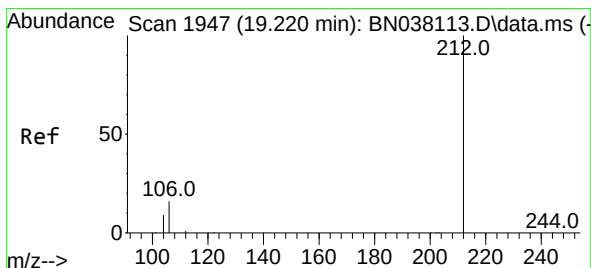
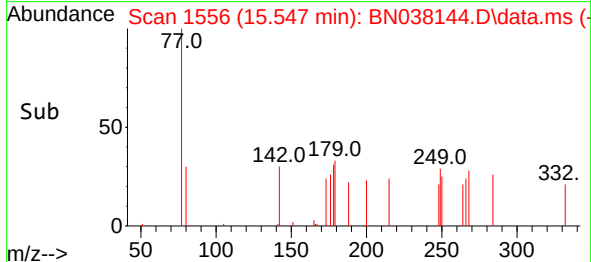
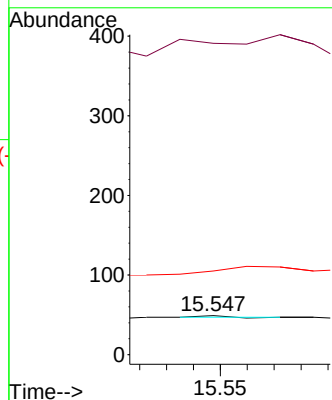
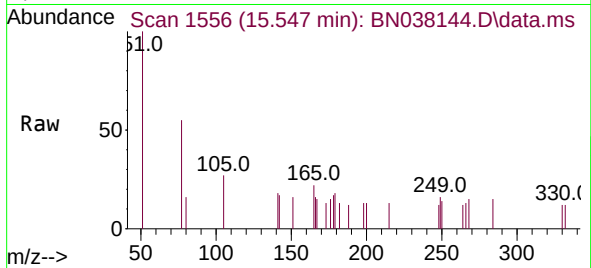






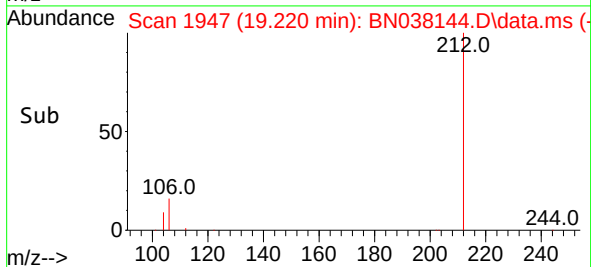
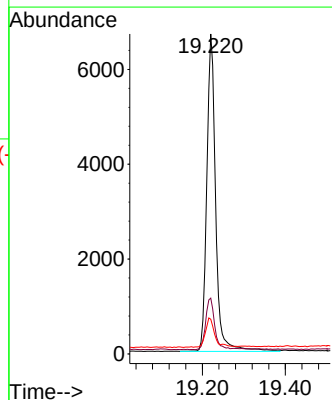
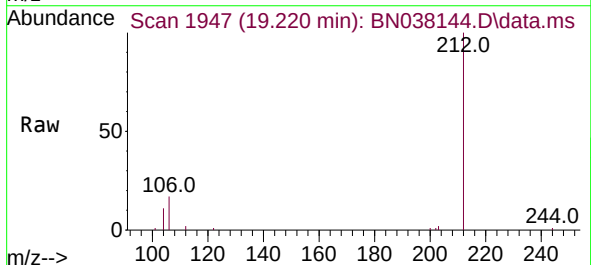
#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.184 ng  
RT: 15.547 min Scan# 1556  
Delta R.T. -0.013 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

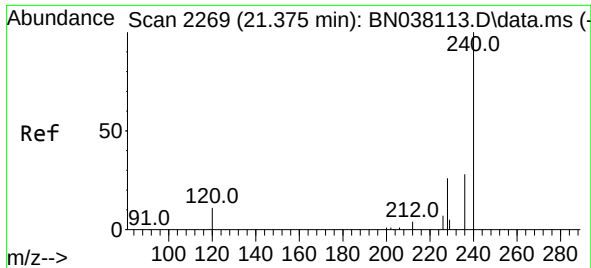
Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 798.0 88.9 133.3#  
105 214.3 49.2 73.8#



#27  
Fluoranthene-d10  
Concen: 0.168 ng  
RT: 19.220 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

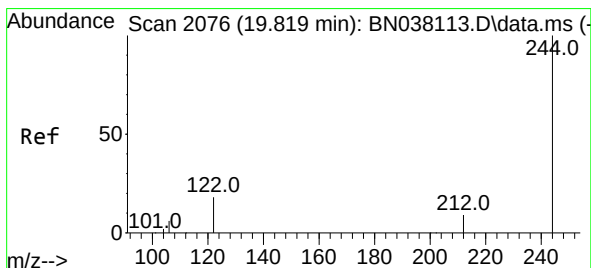
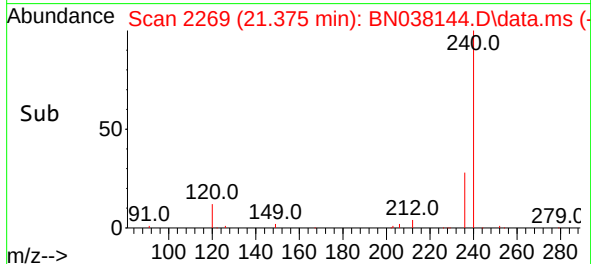
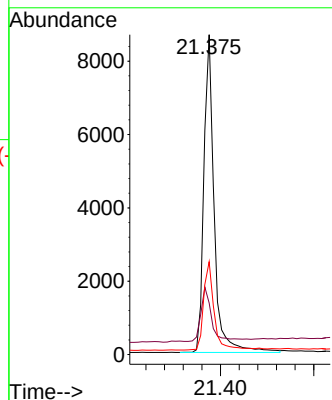
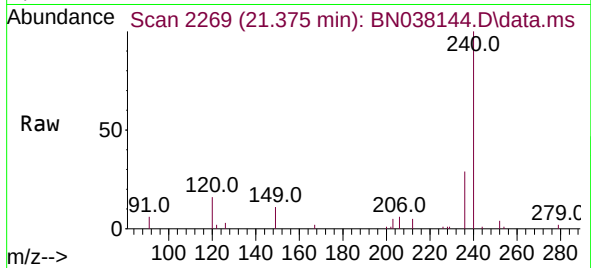
Tgt Ion:212 Resp: 9837  
Ion Ratio Lower Upper  
212 100  
106 16.4 12.6 19.0  
104 9.7 7.1 10.7





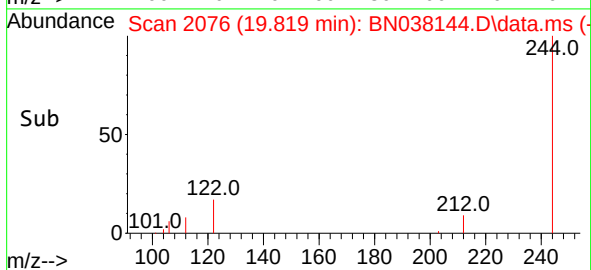
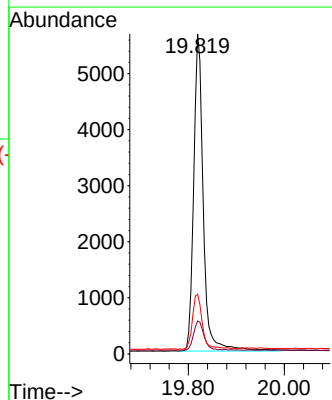
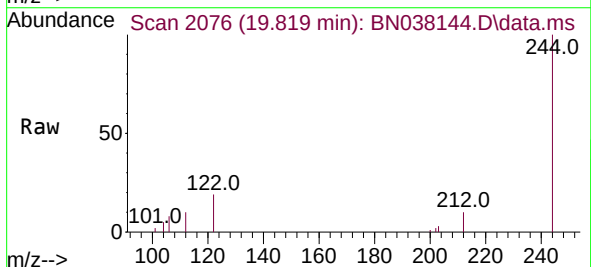
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.375 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

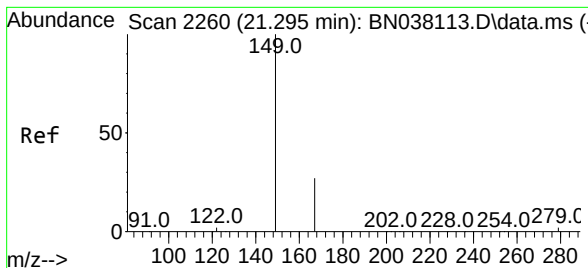
Tgt Ion:240 Resp: 13188  
Ion Ratio Lower Upper  
240 100  
120 16.1 10.7 16.1#  
236 29.0 23.1 34.7



#31  
Terphenyl-d14  
Concen: 0.274 ng  
RT: 19.819 min Scan# 2076  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

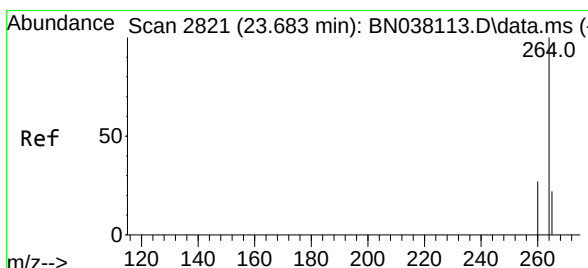
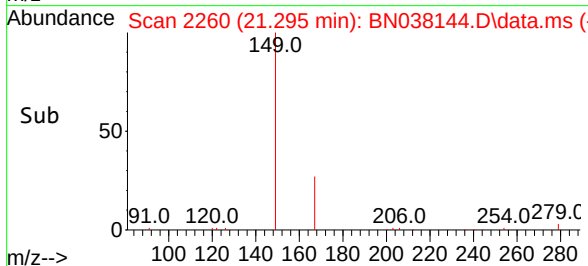
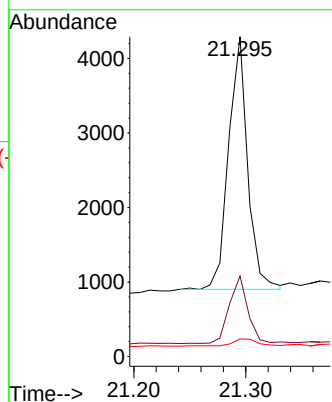
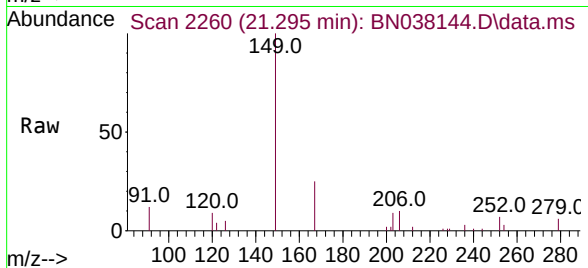
Tgt Ion:244 Resp: 7846  
Ion Ratio Lower Upper  
244 100  
212 10.3 7.8 11.6  
122 18.6 15.2 22.8





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.162 ng  
RT: 21.295 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 4015 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.4  | 21.1  | 31.7 |
| 279       | 4.0   | 2.9   | 4.3  |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.680 min Scan# 2820  
Delta R.T. 0.000 min  
Lab File: BN038144.D  
Acq: 04 Nov 2025 19:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 12045 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.4  | 21.8  | 32.8  |
| 265       | 106.4 | 68.6  | 102.8 |

