

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120125\  
 Data File : BN038241.D  
 Acq On : 02 Dec 2025 00:30  
 Operator : RC/JU  
 Sample : Q3691-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 02 03:24:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 28 21:04:10 2025  
 Response via : Initial Calibration

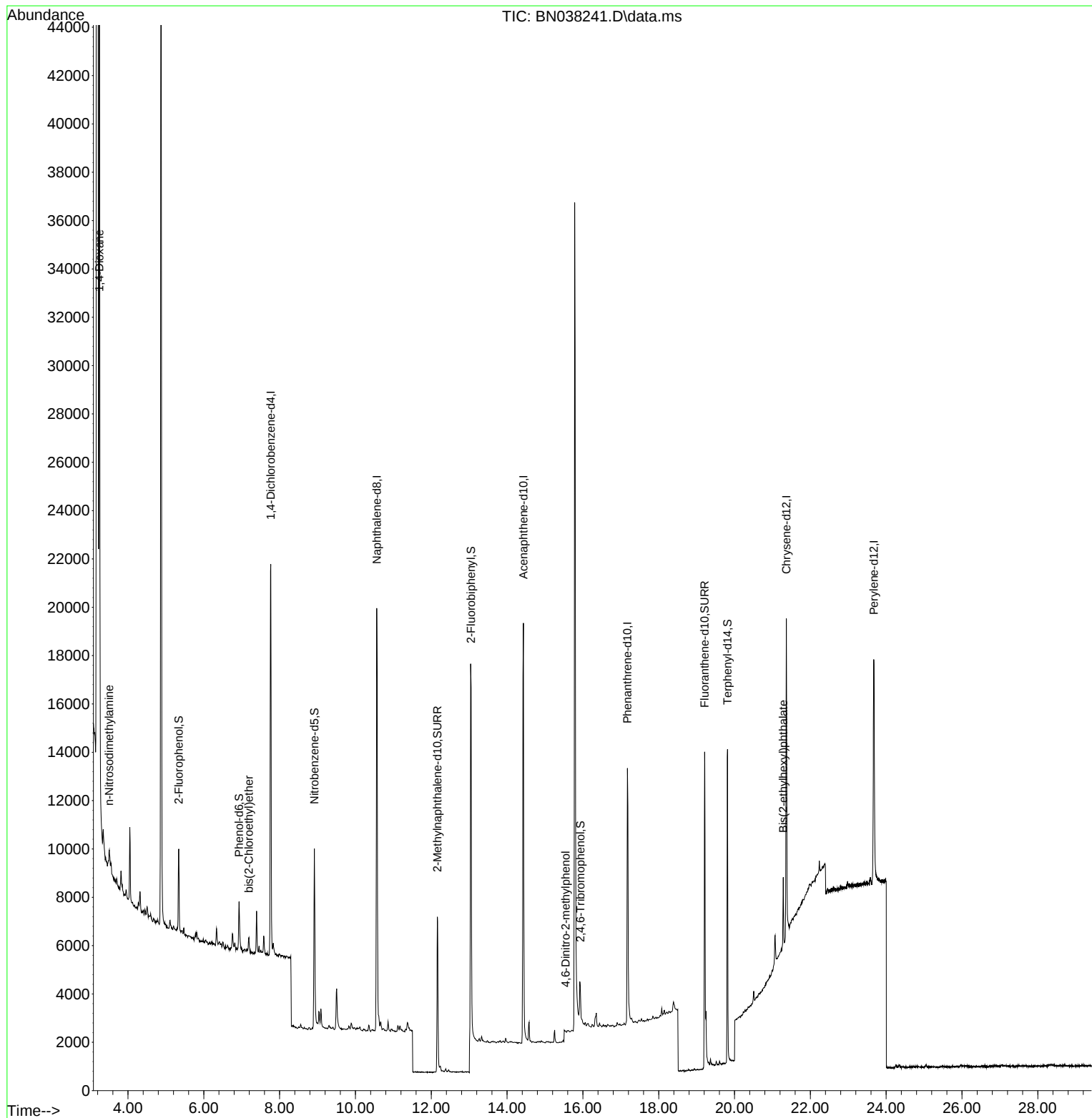
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 8461     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 24494    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.430 | 164  | 11341    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.173 | 188  | 17486    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.366 | 240  | 13270    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.674 | 264  | 13889    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.341  | 112  | 2908     | 0.147 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.930  | 99   | 1935     | 0.078 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.918  | 82   | 6470     | 0.330 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.162 | 152  | 9730     | 0.280 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.932 | 330  | 1195     | 0.335 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.051 | 172  | 15875    | 0.362 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.211 | 212  | 15420    | 0.407 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.815 | 244  | 12920    | 0.422 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.247  | 88   | 25773    | 2.892 | ng    | # 96     |
| 3) n-Nitrosodimethylamine     | 3.507  | 42   | 397      | 0.036 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.190  | 93   | 503      | 0.021 | ng    | 86       |
| 20) 4,6-Dinitro-2-methylph... | 15.547 | 198  | 2        | 0.173 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 2690     | 0.109 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

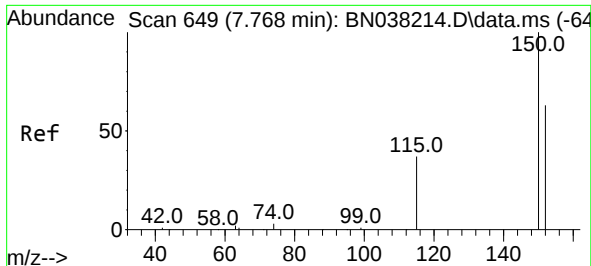
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120125\  
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Sample : Q3691-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :

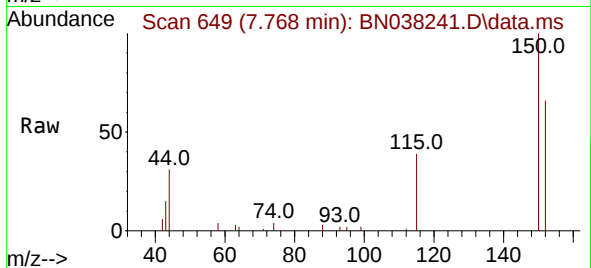
Quant Time: Dec 02 03:24:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 28 21:04:10 2025  
Response via : Initial Calibration



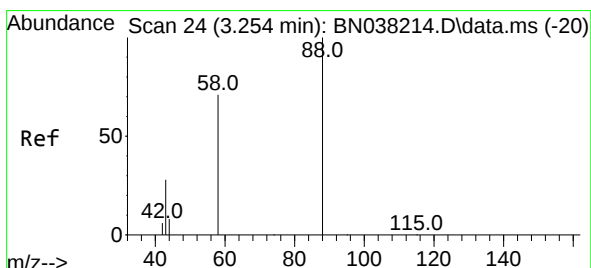
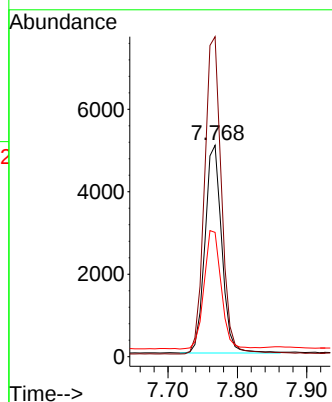
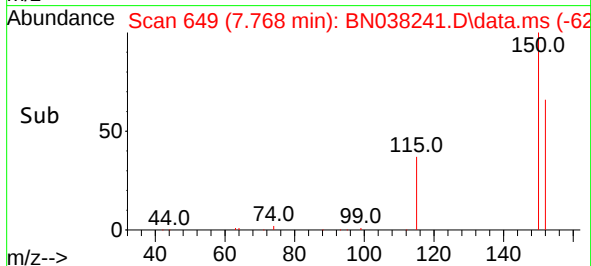


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.768 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

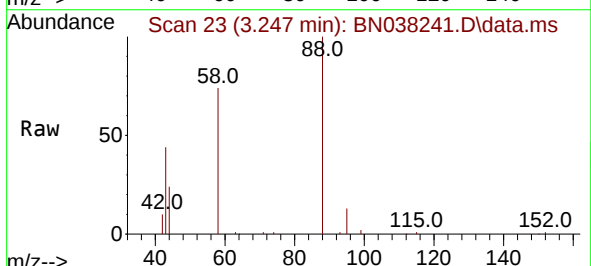
Instrument :  
 BNA\_N  
 ClientSampleId :



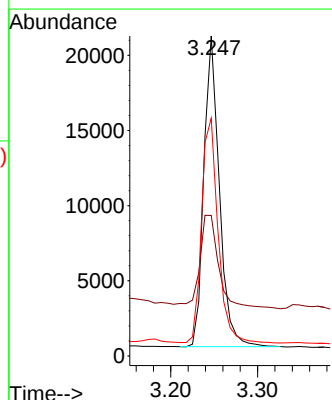
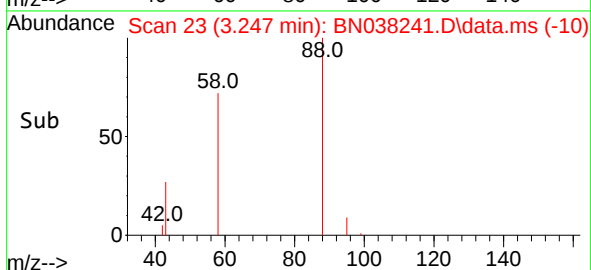
Tgt Ion:152 Resp: 8461  
 Ion Ratio Lower Upper  
 152 100  
 150 151.4 125.3 187.9  
 115 58.8 49.0 73.4

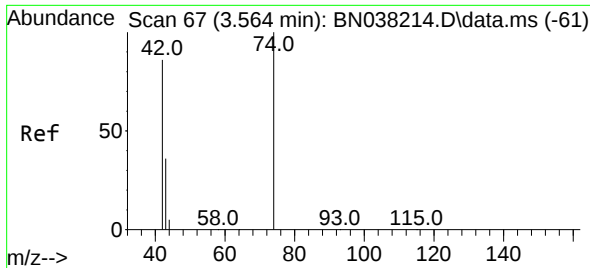


#2  
 1,4-Dioxane  
 Concen: 2.892 ng  
 RT: 3.247 min Scan# 23  
 Delta R.T. -0.007 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30



Tgt Ion: 88 Resp: 25773  
 Ion Ratio Lower Upper  
 88 100  
 43 37.5 24.8 37.2#  
 58 76.7 61.1 91.7

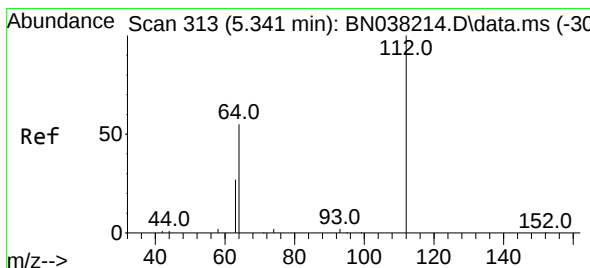
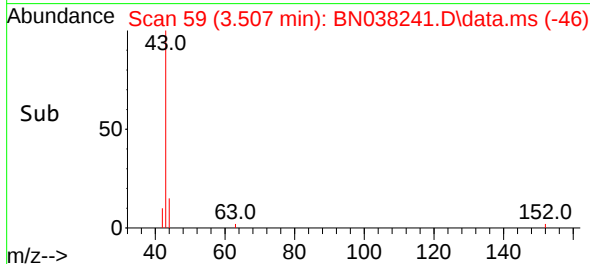
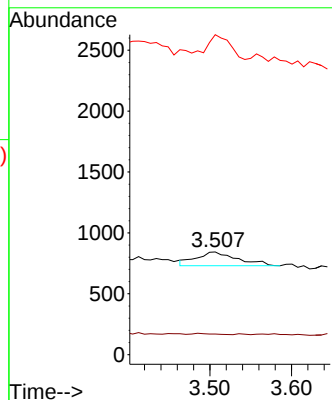
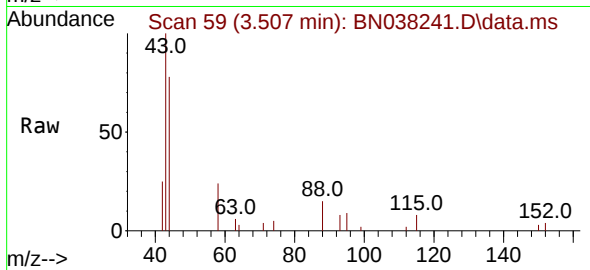




#3  
n-Nitrosodimethylamine  
Concen: 0.036 ng  
RT: 3.507 min Scan# 51  
Delta R.T. -0.058 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

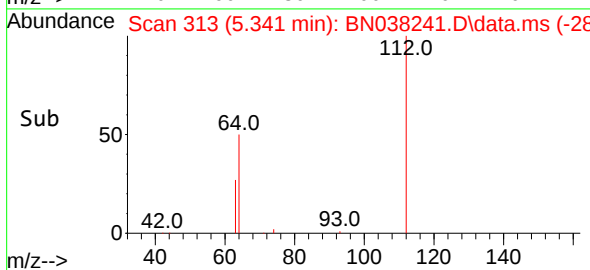
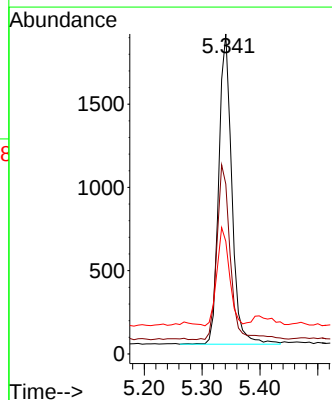
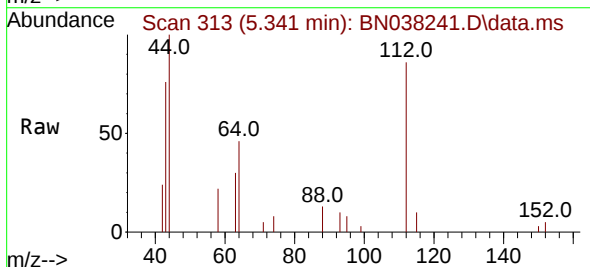
Instrument :  
BNA\_N  
ClientSampleId :

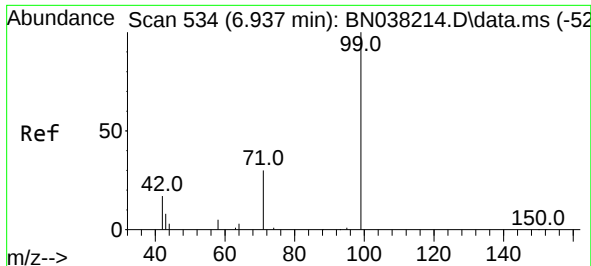
Tgt Ion: 42 Resp: 397  
Ion Ratio Lower Upper  
42 100  
74 0.0 96.2 144.2#  
44 85.9 8.0 12.0#



#4  
2-Fluorophenol  
Concen: 0.147 ng  
RT: 5.341 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

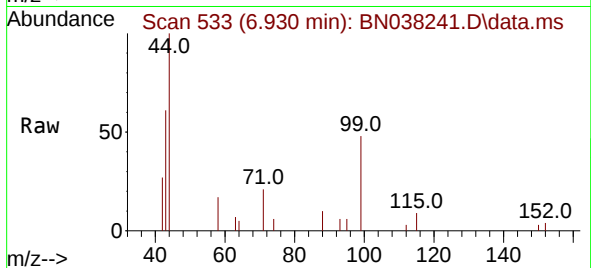
Tgt Ion: 112 Resp: 2908  
Ion Ratio Lower Upper  
112 100  
64 57.7 45.0 67.4  
63 30.2 23.2 34.8



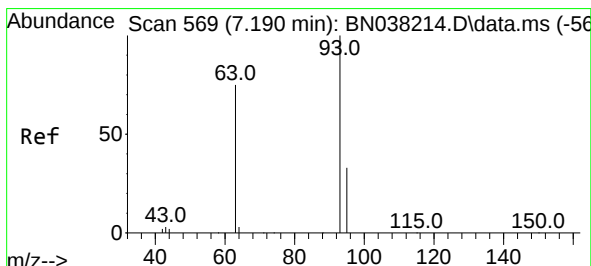
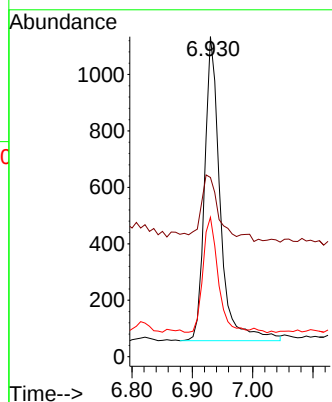
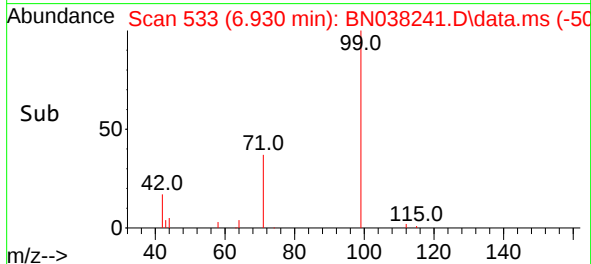


#5  
Phenol-d6  
Concen: 0.078 ng  
RT: 6.930 min Scan# 511  
Delta R.T. -0.007 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

Instrument :  
BNA\_N  
ClientSampleId :

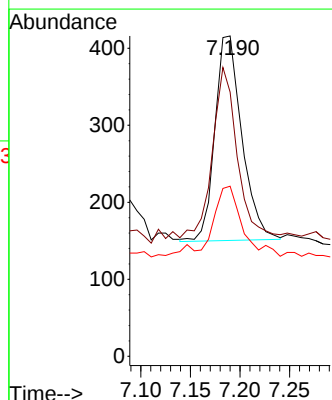
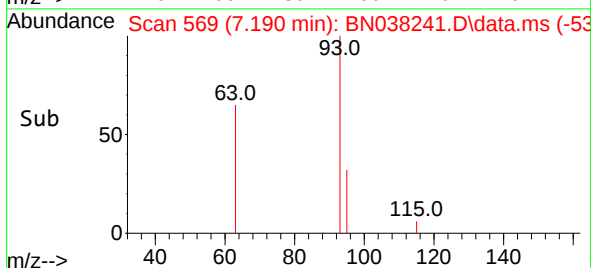
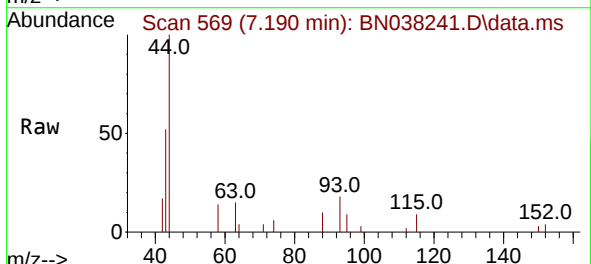


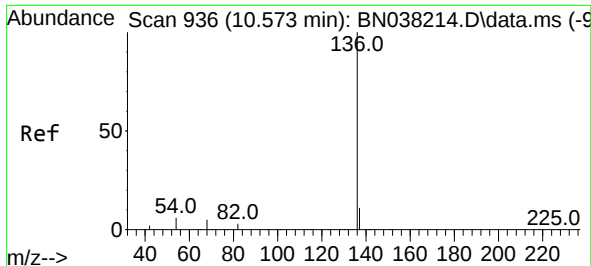
Tgt Ion: 99 Resp: 1935  
Ion Ratio Lower Upper  
99 100  
42 19.8 17.0 25.6  
71 36.6 25.4 38.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.021 ng  
RT: 7.190 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

Tgt Ion: 93 Resp: 503  
Ion Ratio Lower Upper  
93 100  
63 85.7 58.1 87.1  
95 37.2 25.1 37.7

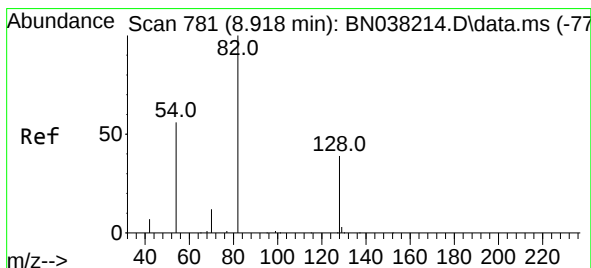
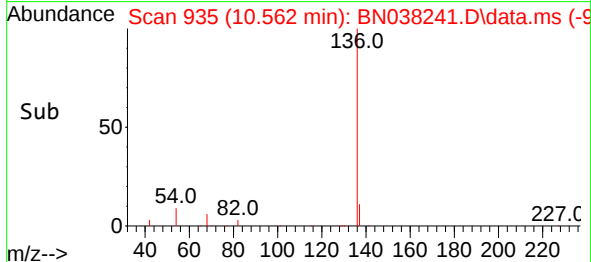
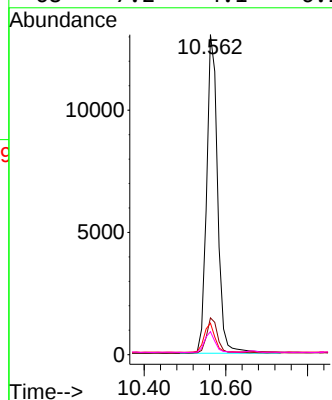
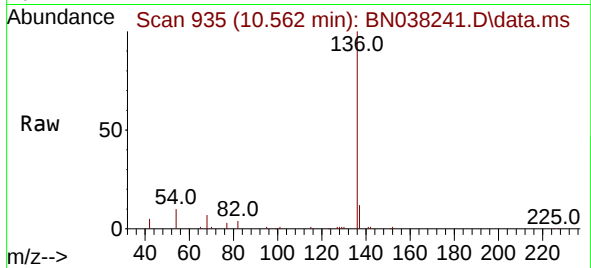




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

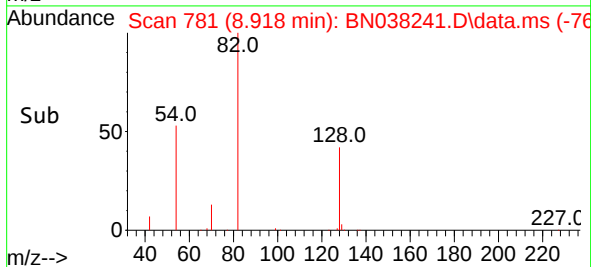
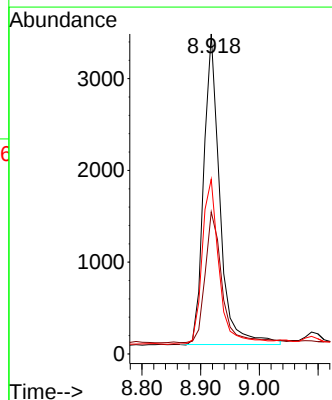
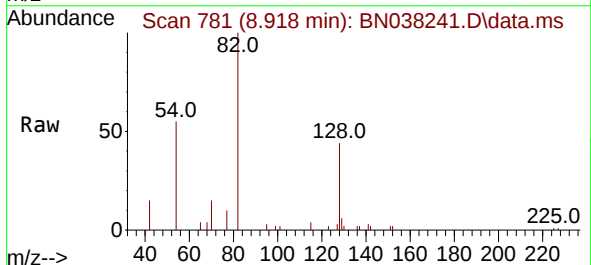
Instrument :  
BNA\_N  
ClientSampleId :

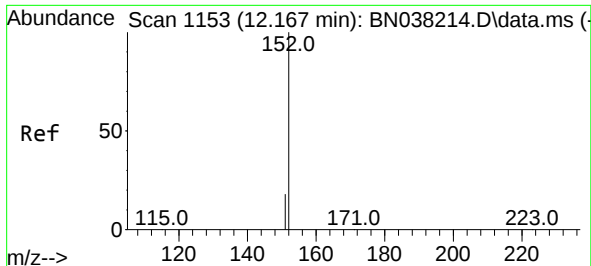
Tgt Ion:136 Resp: 24494  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.9 13.3  
54 9.9 5.4 8.0#  
68 7.2 4.1 6.1#



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 8.918 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

Tgt Ion: 82 Resp: 6470  
Ion Ratio Lower Upper  
82 100  
128 44.4 32.6 48.8  
54 54.6 45.4 68.0

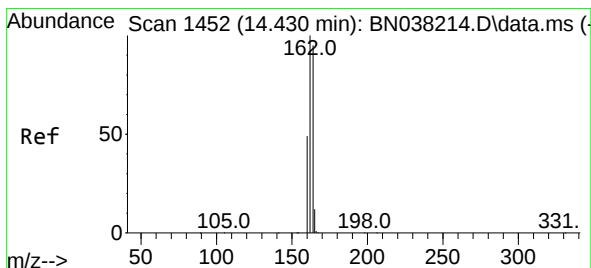
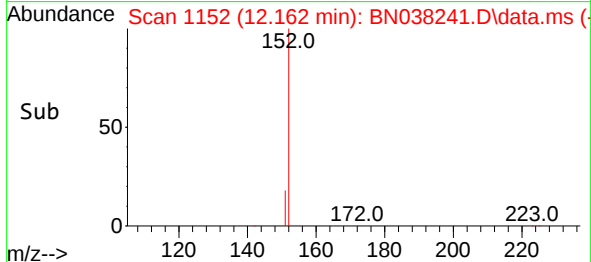
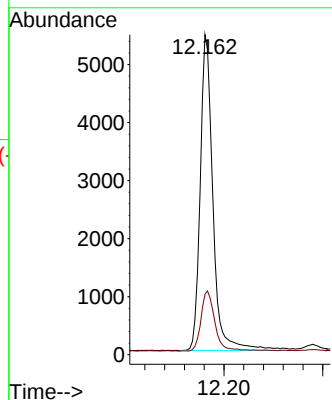
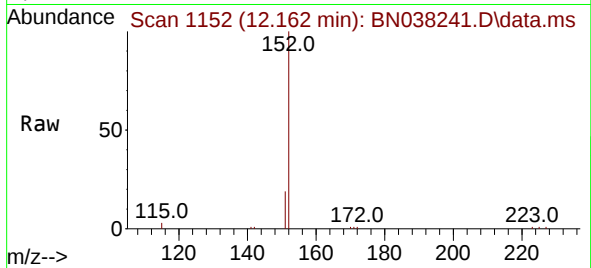




#11  
2-Methylnaphthalene-d10  
Concen: 0.280 ng  
RT: 12.162 min Scan# 1152  
Delta R.T. -0.005 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

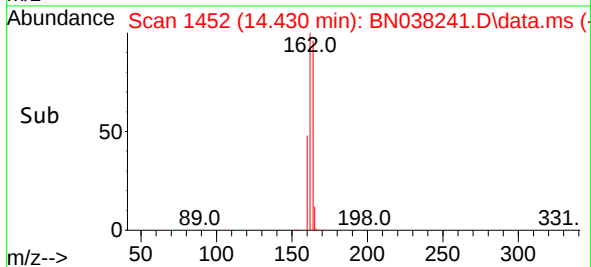
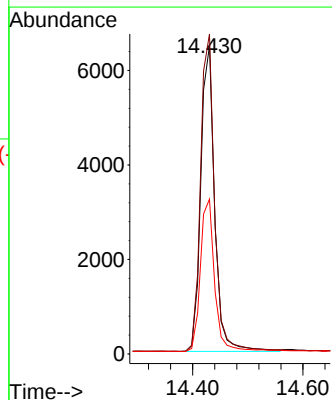
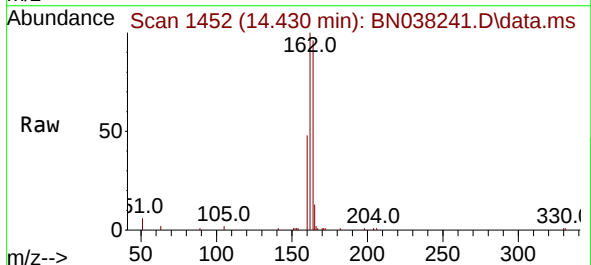
Instrument :  
BNA\_N  
ClientSampleId :

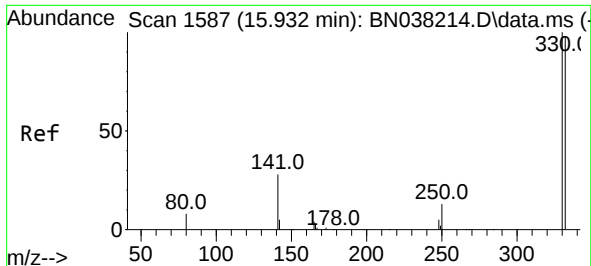
Tgt Ion:152 Resp: 9730  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.430 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

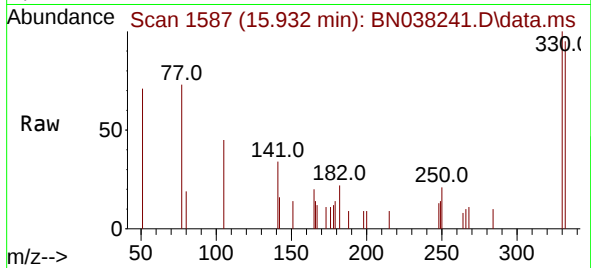
Tgt Ion:164 Resp: 11341  
Ion Ratio Lower Upper  
164 100  
162 103.8 83.8 125.8  
160 50.2 41.6 62.4



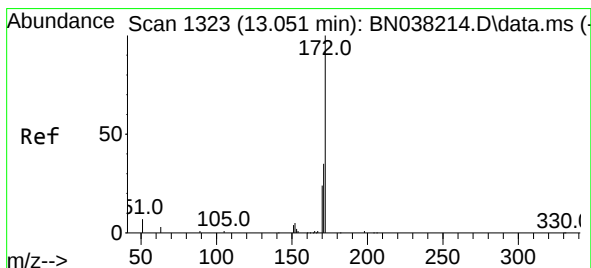
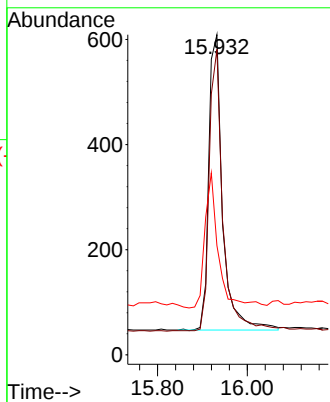
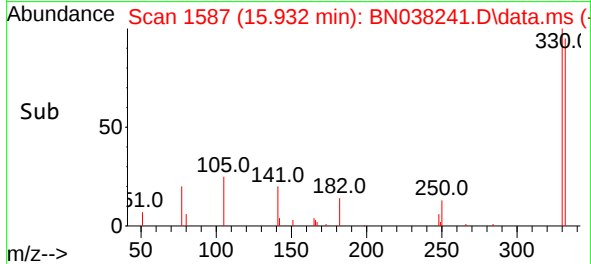


#14  
2,4,6-Tribromophenol  
Concen: 0.335 ng  
RT: 15.932 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

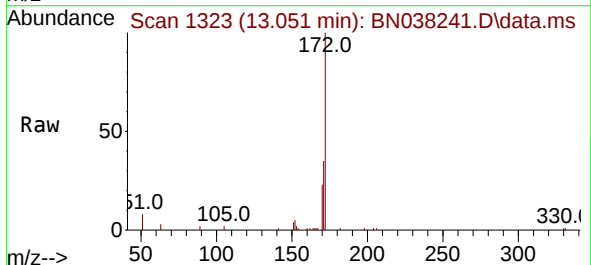
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ClientSampleId :



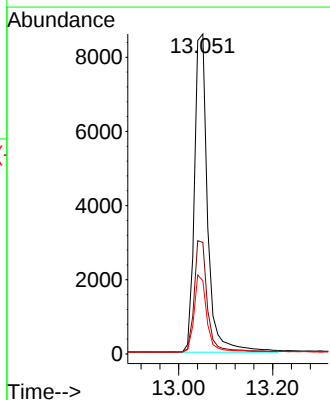
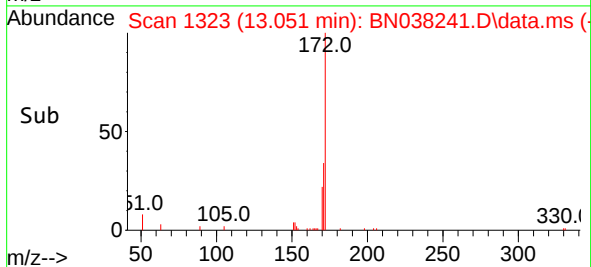
Tgt Ion:330 Resp: 1195  
Ion Ratio Lower Upper  
330 100  
332 93.6 77.8 116.6  
141 45.0 33.0 49.4

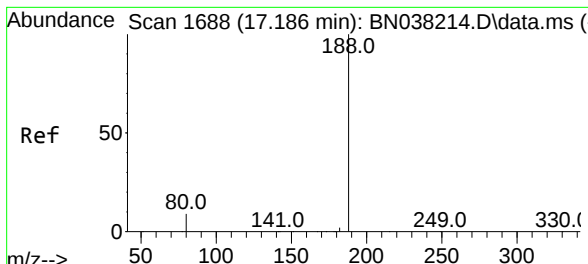


#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.051 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30



Tgt Ion:172 Resp: 15875  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 22.9 19.1 28.7

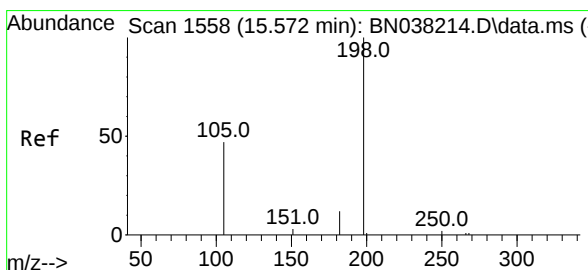
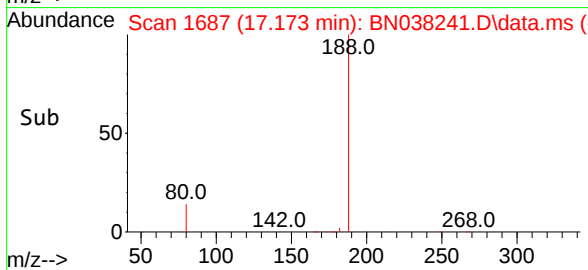
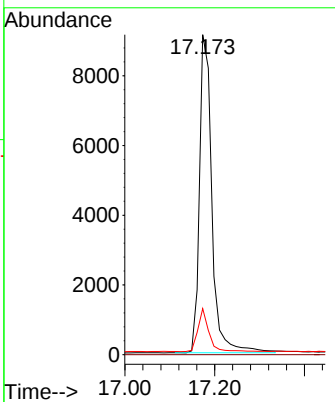
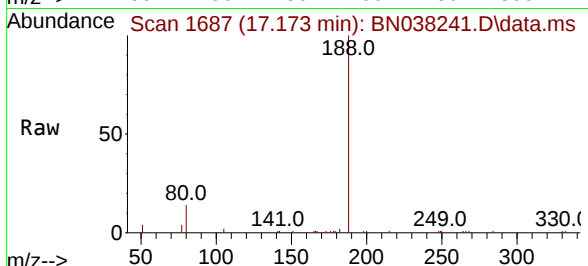




#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.173 min Scan# 1  
 Delta R.T. -0.012 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

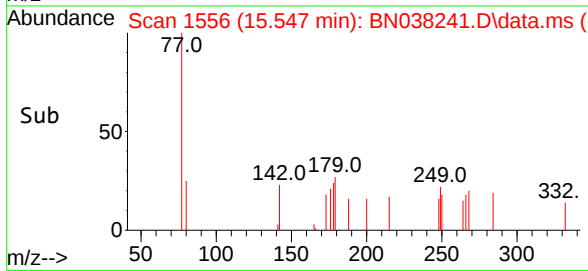
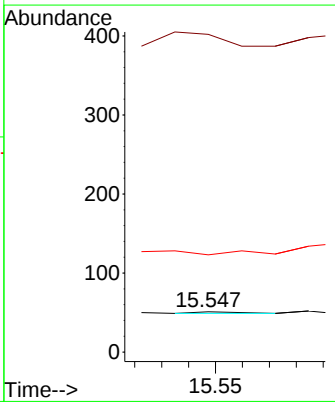
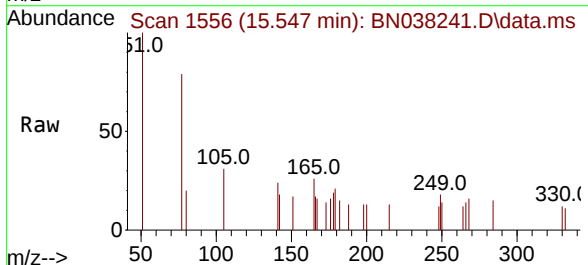
Instrument :  
 BNA\_N  
 ClientSampleId :

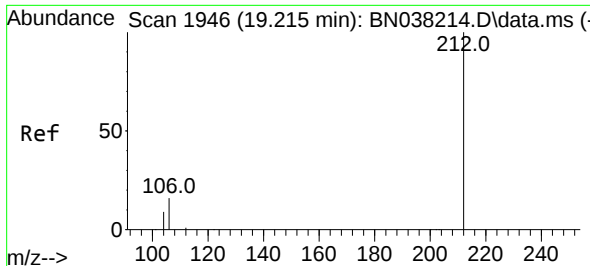
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 17486 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 14.4  | 7.7   | 11.5# |



#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.173 ng  
 RT: 15.547 min Scan# 1556  
 Delta R.T. -0.025 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

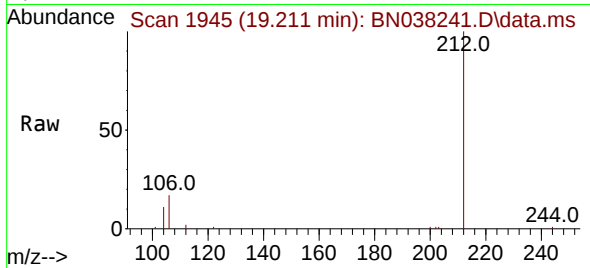
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 2      |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 788.2 | 205.1 | 307.7# |
| 105       | 241.2 | 61.6  | 92.4#  |



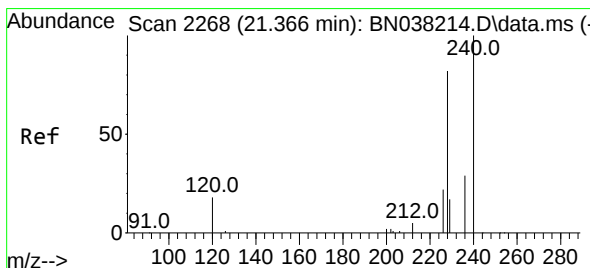
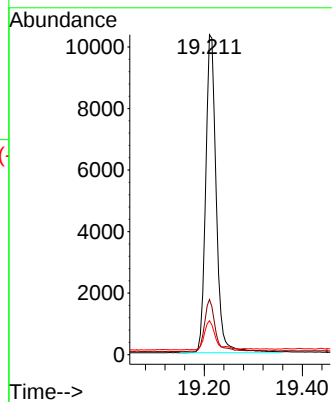
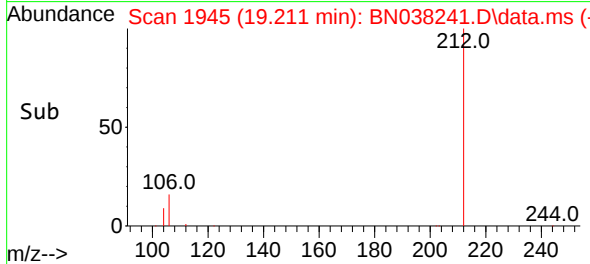


#27  
Fluoranthene-d10  
Concen: 0.407 ng  
RT: 19.211 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

Instrument :  
BNA\_N  
ClientSampleId :

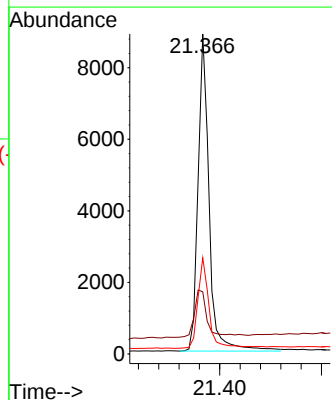
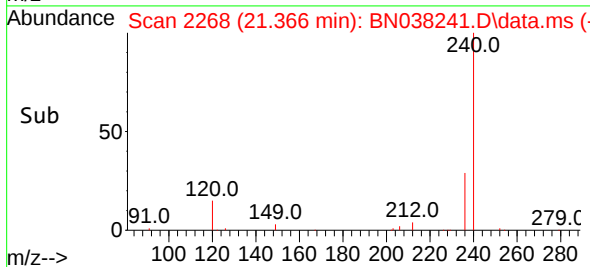
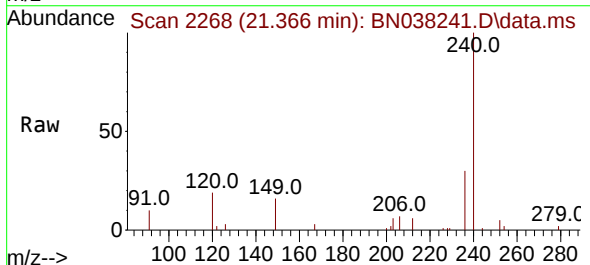


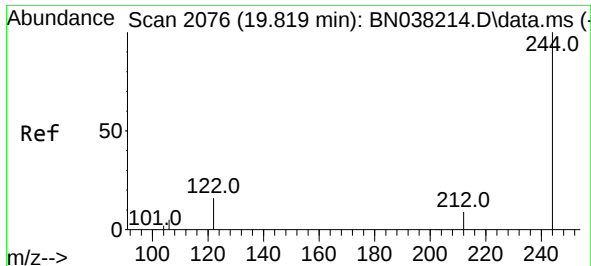
Tgt Ion:212 Resp: 15420  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.7 19.1  
104 8.9 7.3 10.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.366 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: BN038241.D  
Acq: 02 Dec 2025 00:30

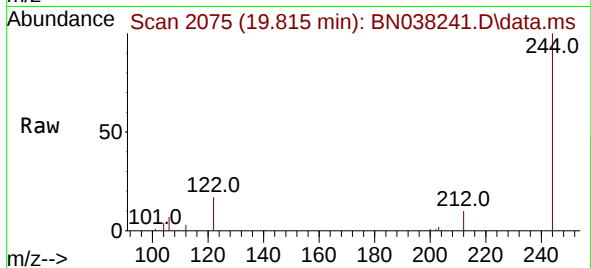
Tgt Ion:240 Resp: 13270  
Ion Ratio Lower Upper  
240 100  
120 19.4 18.1 27.1  
236 30.1 24.2 36.4



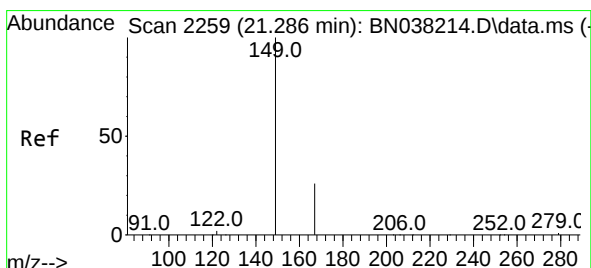
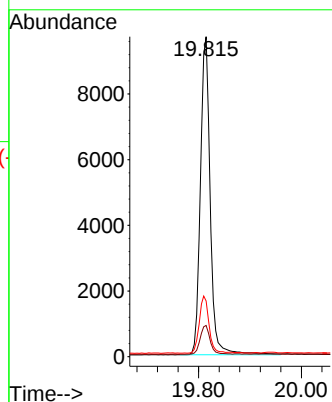


#31  
 Terphenyl-d14  
 Concen: 0.422 ng  
 RT: 19.815 min Scan# 2076  
 Delta R.T. -0.005 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

Instrument :  
 BNA\_N  
 ClientSampleId :

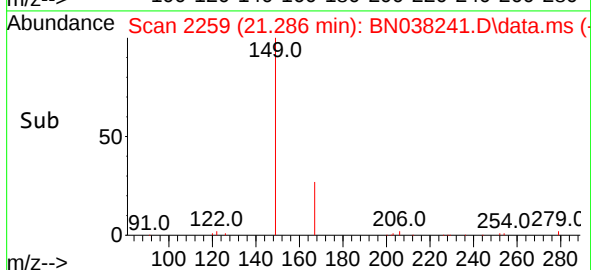
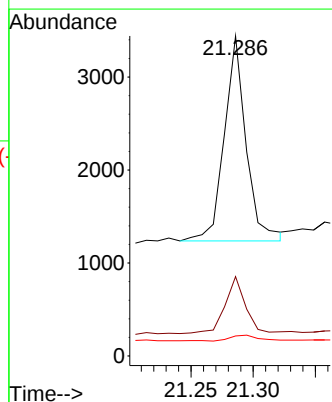
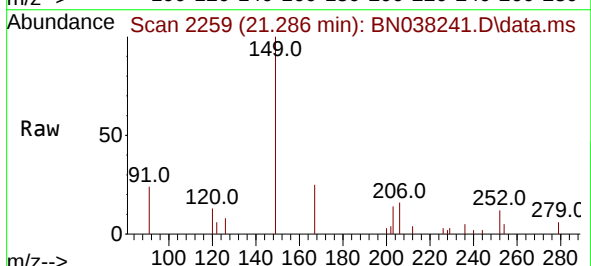


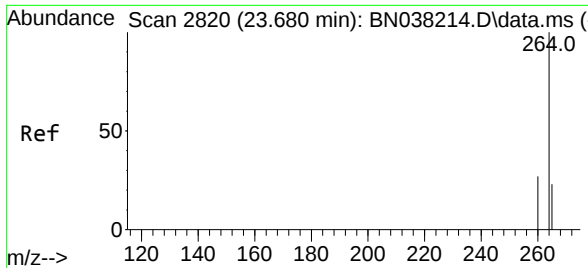
Tgt Ion:244 Resp: 12920  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 7.7 11.5  
 122 17.4 13.6 20.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.109 ng  
 RT: 21.286 min Scan# 2259  
 Delta R.T. 0.000 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

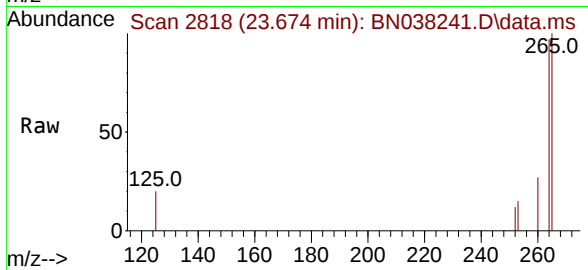
Tgt Ion:149 Resp: 2690  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 20.7 31.1  
 279 3.7 2.5 3.7





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.674 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BN038241.D  
 Acq: 02 Dec 2025 00:30

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:264 Resp: 13889

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.6  | 21.7  | 32.5  |
| 265 | 103.2 | 98.0  | 147.0 |

