

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091725\  
 Data File : BN037772.D  
 Acq On : 18 Sep 2025 11:48  
 Operator : RC/JU  
 Sample : Q3097-02MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 14:20:01 2025  
 Response via : Initial Calibration

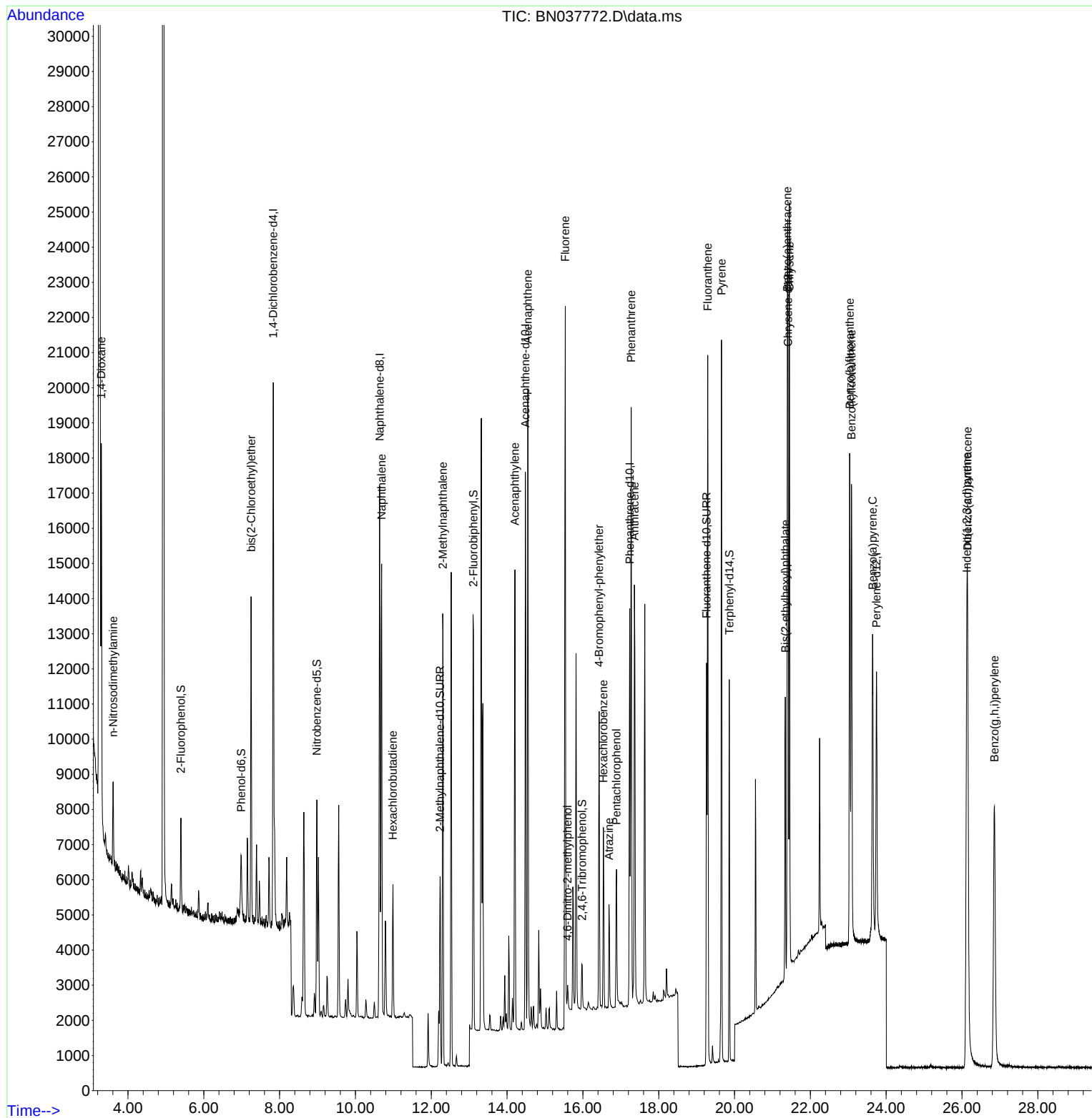
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 7218     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 19437    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.484 | 164  | 8792     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.236 | 188  | 14560    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.411 | 240  | 11077    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.744 | 264  | 10712    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 2158     | 0.130 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 1612     | 0.075 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 4623     | 0.325 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.233 | 152  | 7201     | 0.280 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 880      | 0.384 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.115 | 172  | 11146    | 0.303 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.262 | 212  | 12673    | 0.347 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.861 | 244  | 9630     | 0.428 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 5443     | 0.724 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.608  | 42   | 1281     | 0.130 | ng    | 87       |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 6334     | 0.330 | ng    | 99       |
| 9) Naphthalene                | 10.690 | 128  | 17098    | 0.322 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 2914     | 0.303 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.304 | 142  | 9253     | 0.282 | ng    | 100      |
| 16) Acenaphthylene            | 14.206 | 152  | 13679    | 0.339 | ng    | 100      |
| 17) Acenaphthene              | 14.548 | 154  | 8588     | 0.315 | ng    | 99       |
| 18) Fluorene                  | 15.535 | 166  | 10257    | 0.311 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 483      | 0.358 | ng    | # 72     |
| 21) 4-Bromophenyl-phenylether | 16.429 | 248  | 3439     | 0.362 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.540 | 284  | 4153     | 0.380 | ng    | 97       |
| 23) Atrazine                  | 16.689 | 200  | 2516     | 0.417 | ng    | # 91     |
| 24) Pentachlorophenol         | 16.888 | 266  | 2259     | 0.712 | ng    | 97       |
| 25) Phenanthrene              | 17.273 | 178  | 17041    | 0.372 | ng    | 100      |
| 26) Anthracene                | 17.360 | 178  | 14357    | 0.354 | ng    | 100      |
| 28) Fluoranthene              | 19.294 | 202  | 18098    | 0.360 | ng    | 99       |
| 30) Pyrene                    | 19.657 | 202  | 18207    | 0.420 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.393 | 228  | 16075    | 0.416 | ng    | 100      |
| 33) Chrysene                  | 21.447 | 228  | 17366    | 0.419 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 5730     | 0.500 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.127 | 276  | 20796    | 0.462 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.037 | 252  | 18047    | 0.428 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.084 | 252  | 17770    | 0.413 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.642 | 252  | 14195    | 0.420 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.148 | 278  | 16460    | 0.458 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.855 | 276  | 17542    | 0.435 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

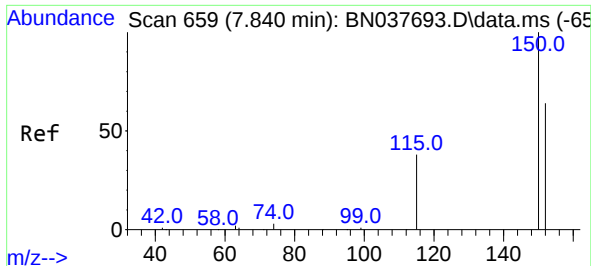
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091725\  
Data File : BN037772.D  
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Operator : RC/JU  
Sample : Q3097-02MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

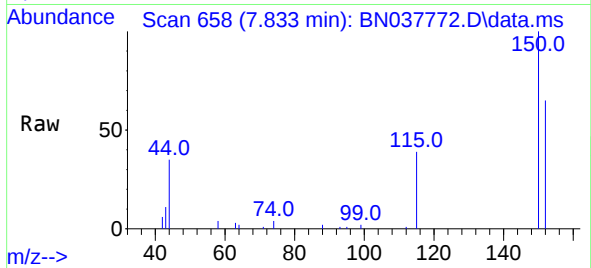
Quant Time: Sep 18 12:16:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



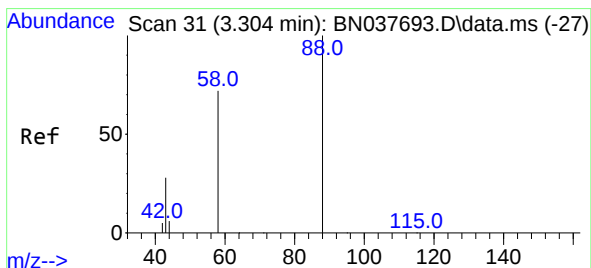
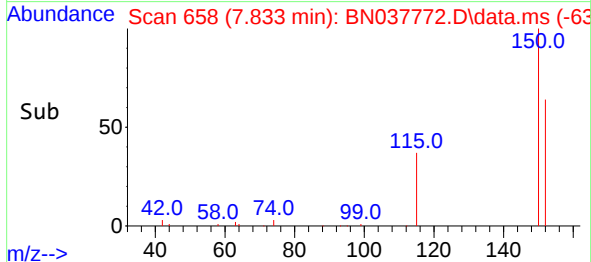
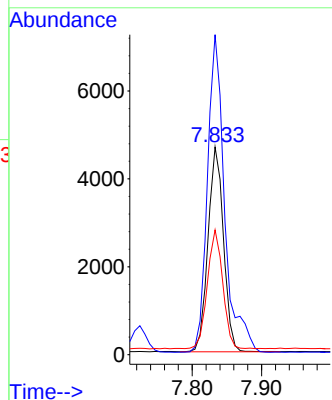


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 6  
Delta R.T. -0.007 min  
Lab File: BN037772.D  
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Instrument :  
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ClientSampleId :  
RE103D2-20250911MS

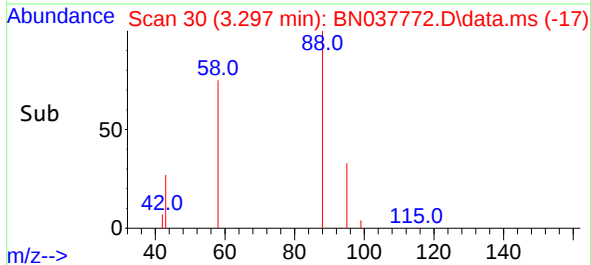
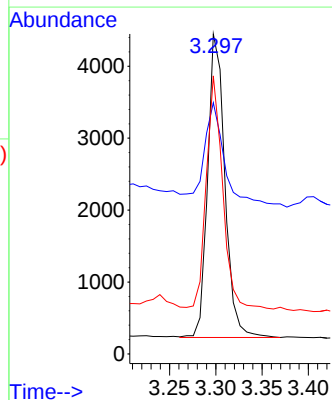
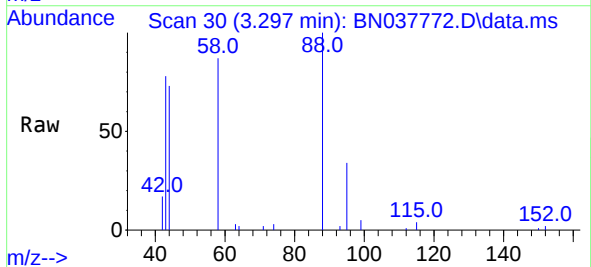


Tgt Ion:152 Resp: 7218  
Ion Ratio Lower Upper  
152 100  
150 154.1 124.5 186.7  
115 60.1 49.2 73.8

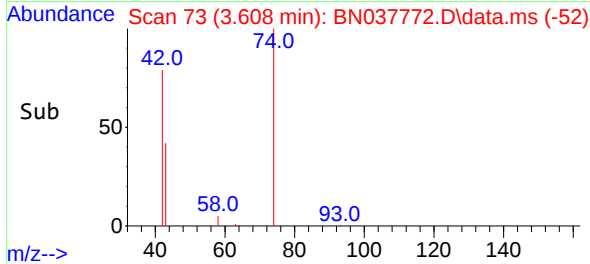
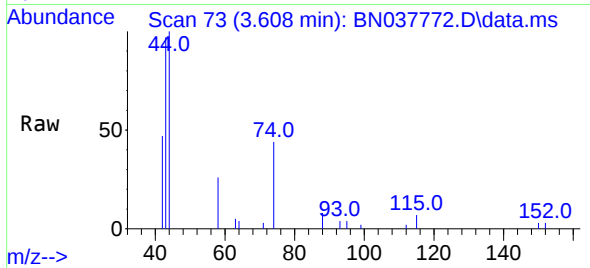
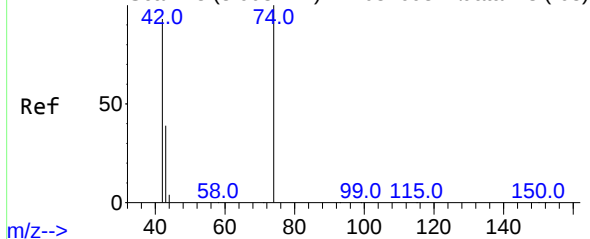


#2  
1,4-Dioxane  
Concen: 0.724 ng  
RT: 3.297 min Scan# 30  
Delta R.T. -0.007 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion: 88 Resp: 5443  
Ion Ratio Lower Upper  
88 100  
43 37.1 26.8 40.2  
58 73.0 61.9 92.9



Abundance Scan 73 (3.608 min): BN037693.D\data.ms (-68)



#3

n-Nitrosodimethylamine

Concen: 0.130 ng

RT: 3.608 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

Instrument :

BNA\_N

ClientSampleId :

RE103D2-20250911MS

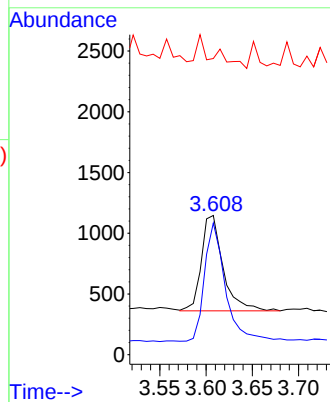
Tgt Ion: 42 Resp: 1281

Ion Ratio Lower Upper

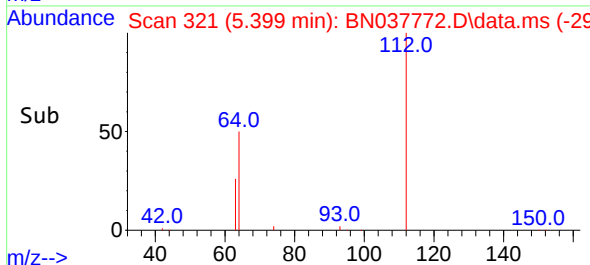
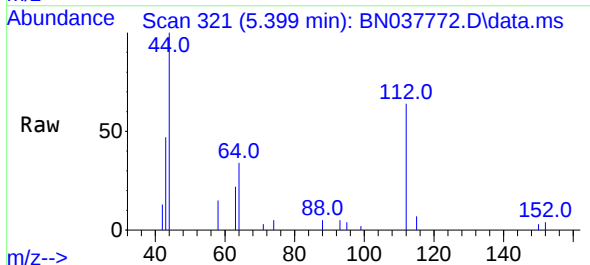
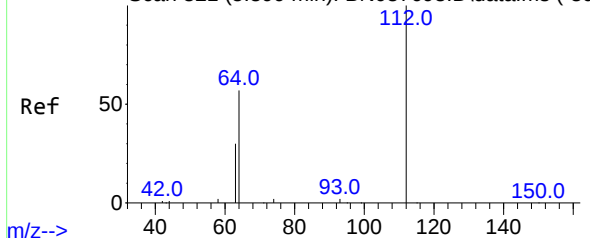
42 100

74 121.5 86.0 129.0

44 11.9 8.4 12.6



Abundance Scan 321 (5.399 min): BN037693.D\data.ms (-30)



#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.399 min Scan# 321

Delta R.T. 0.000 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

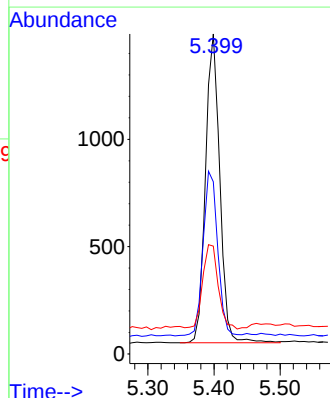
Tgt Ion: 112 Resp: 2158

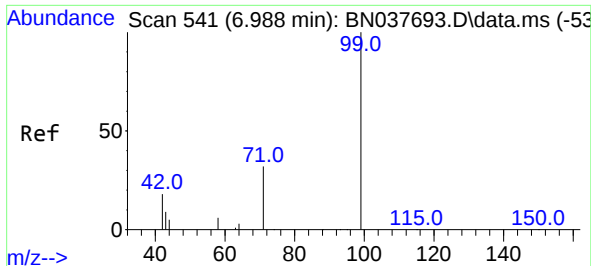
Ion Ratio Lower Upper

112 100

64 54.4 44.9 67.3

63 29.7 24.7 37.1

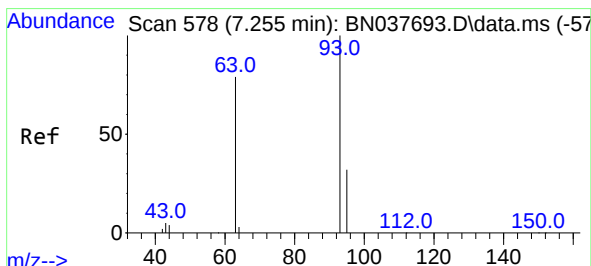
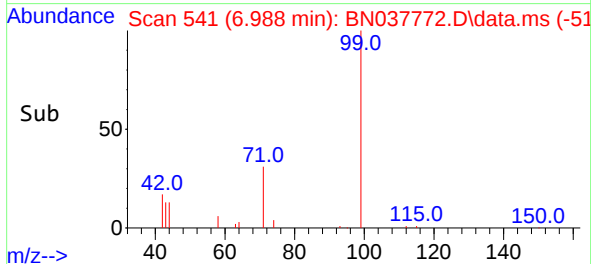
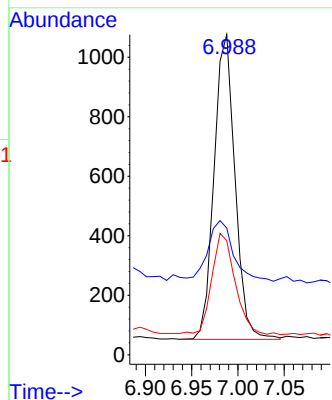
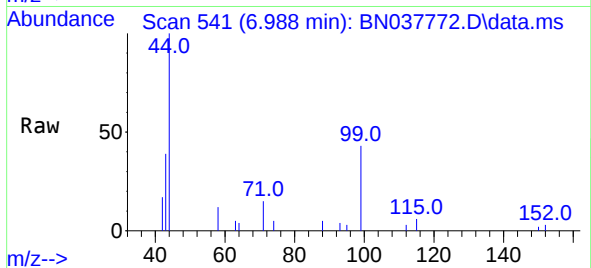




#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

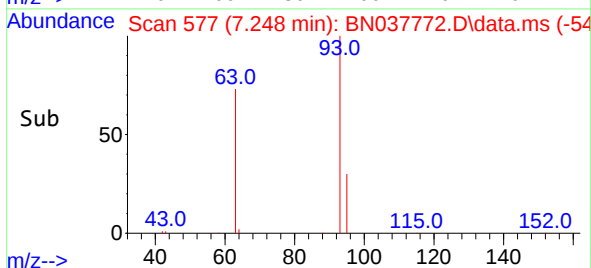
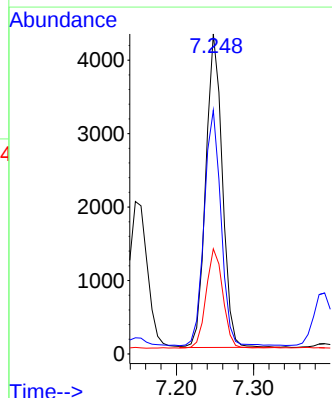
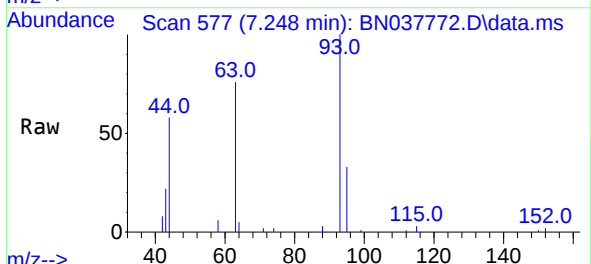
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

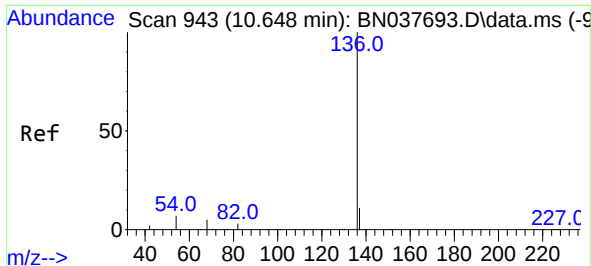
Tgt Ion: 99 Resp: 1612  
Ion Ratio Lower Upper  
99 100  
42 24.2 16.6 24.8  
71 36.7 26.7 40.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.330 ng  
RT: 7.248 min Scan# 577  
Delta R.T. -0.007 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion: 93 Resp: 6334  
Ion Ratio Lower Upper  
93 100  
63 76.1 60.6 90.8  
95 32.0 26.0 39.0

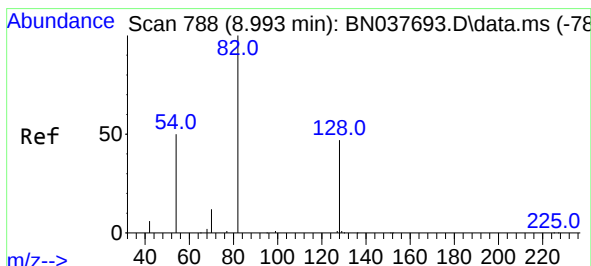
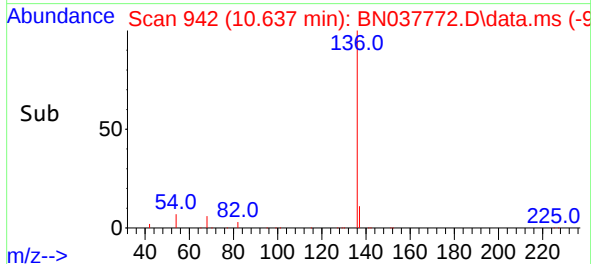
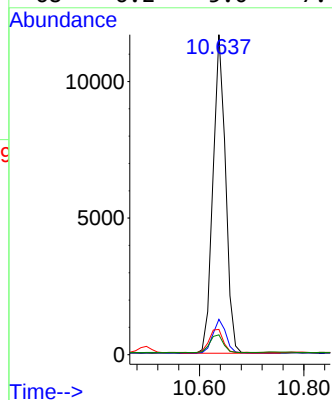
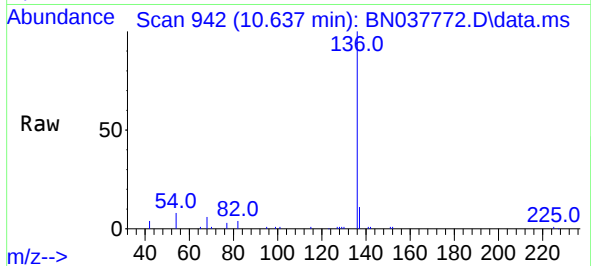




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

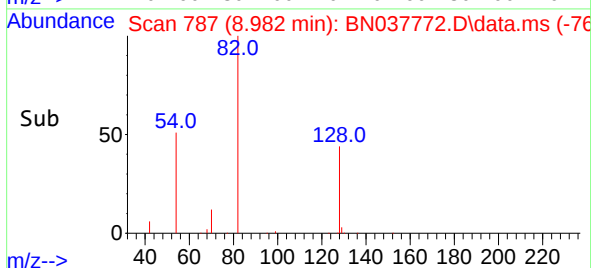
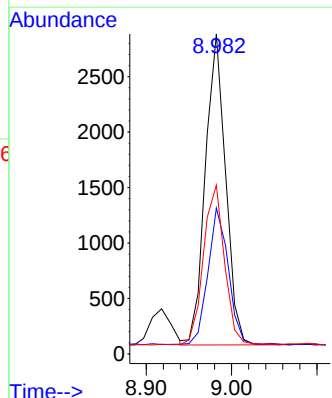
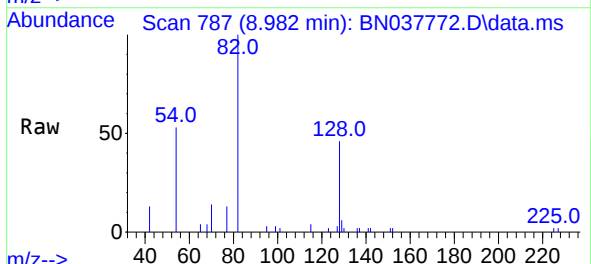
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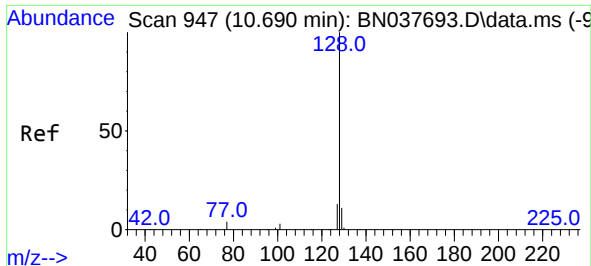
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19437 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 9.1   | 13.7  |
| 54        | 7.9   | 6.3   | 9.5   |
| 68        | 6.2   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.325 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4623 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 45.6  | 38.3  | 57.5 |
| 54        | 52.8  | 41.4  | 62.2 |



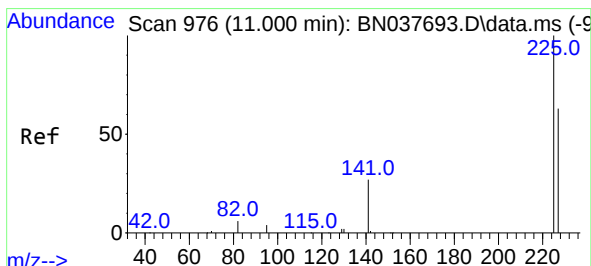
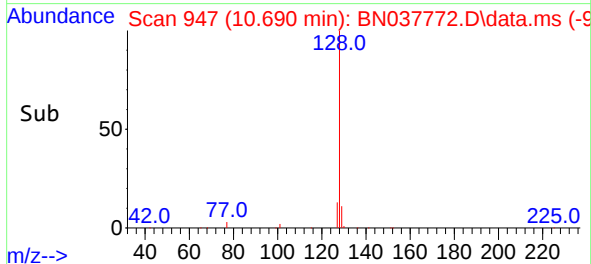
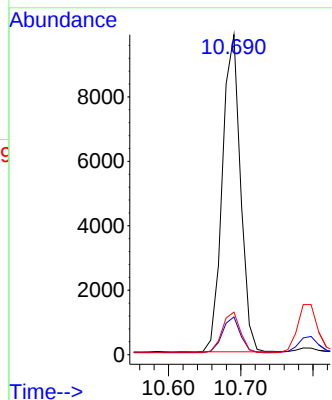
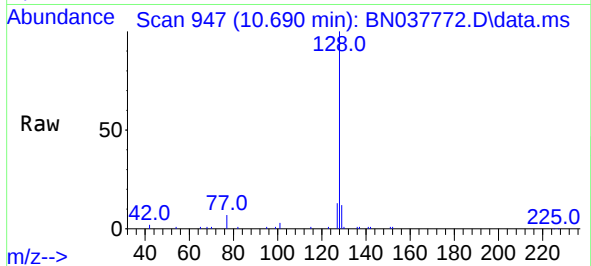


#9  
Naphthalene  
Concen: 0.322 ng  
RT: 10.690 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Instrument :  
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ClientSampleId :  
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Tgt Ion:128 Resp: 17098

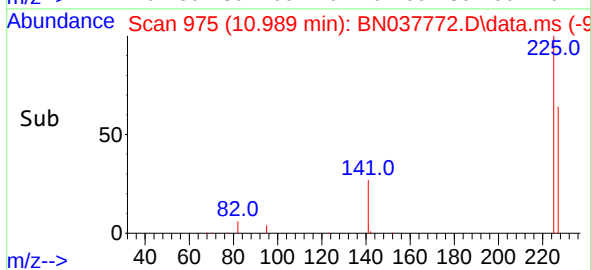
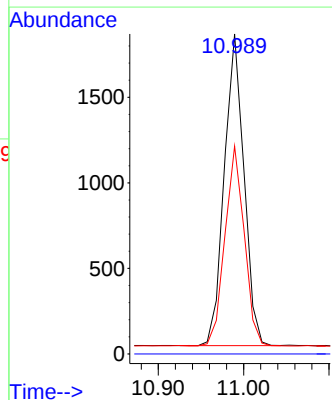
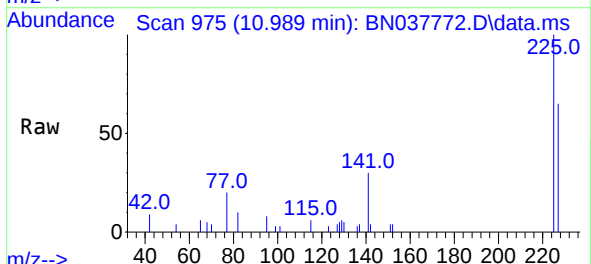
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.8  | 9.1   | 13.7  |
| 127 | 13.3  | 10.9  | 16.3  |

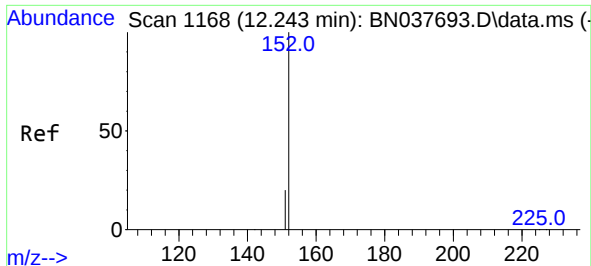


#10  
Hexachlorobutadiene  
Concen: 0.303 ng  
RT: 10.989 min Scan# 975  
Delta R.T. -0.011 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:225 Resp: 2914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 0.0   | 0.0   | 0.0   |
| 227 | 63.3  | 50.9  | 76.3  |

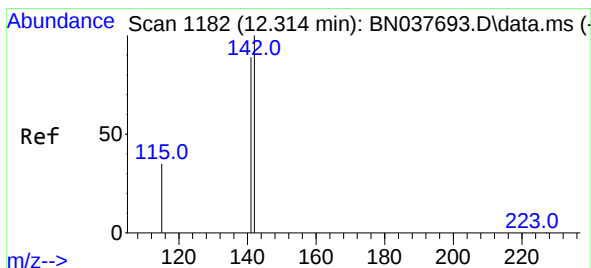
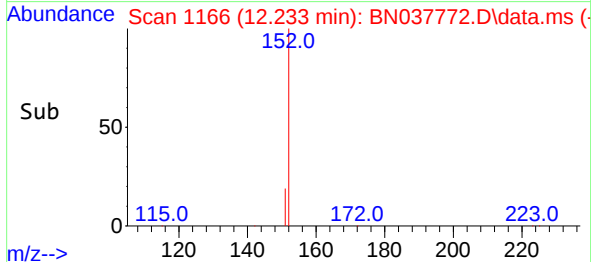
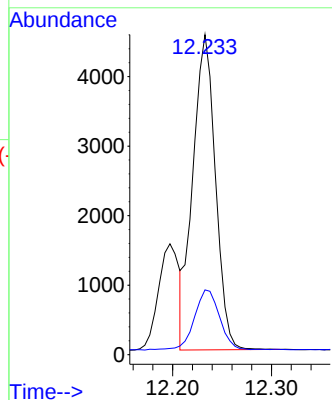
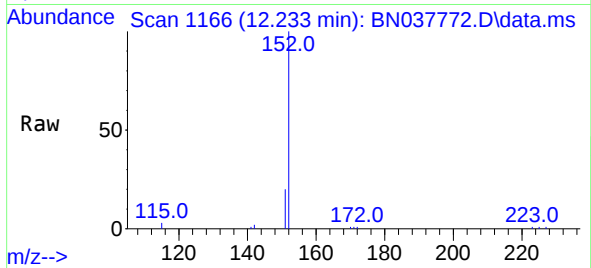




#11  
2-Methylnaphthalene-d10  
Concen: 0.280 ng  
RT: 12.233 min Scan# 1166  
Delta R.T. -0.010 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

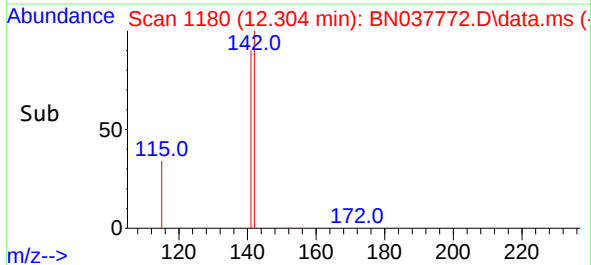
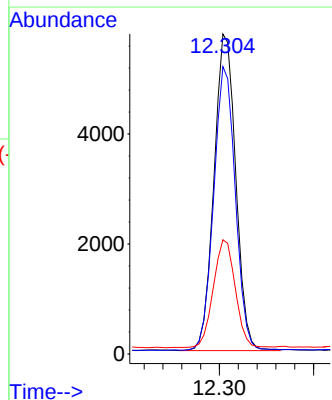
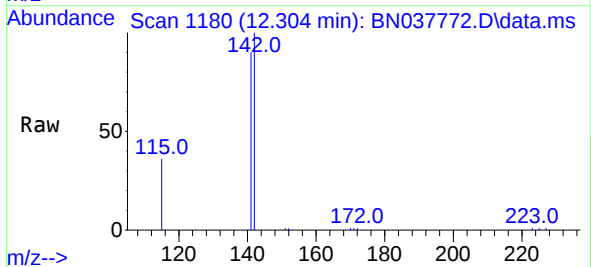
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

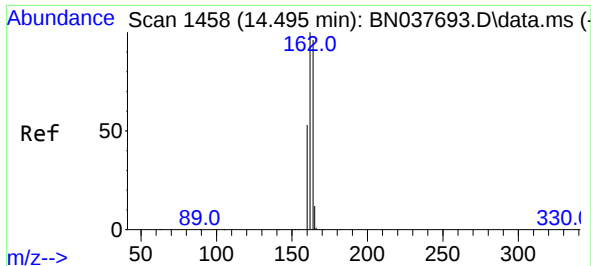
Tgt Ion:152 Resp: 7201  
Ion Ratio Lower Upper  
152 100  
151 21.4 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.282 ng  
RT: 12.304 min Scan# 1180  
Delta R.T. -0.010 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:142 Resp: 9253  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.6 107.4  
115 35.7 28.6 43.0

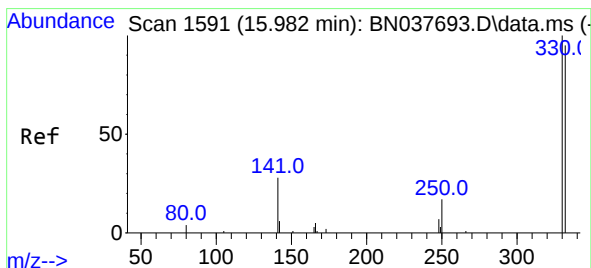
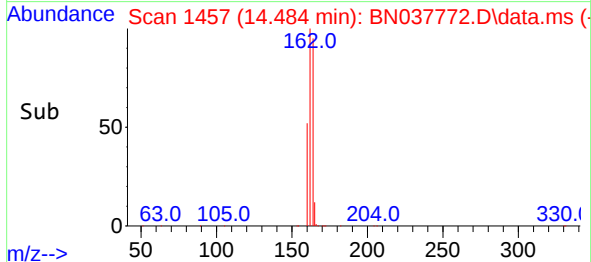
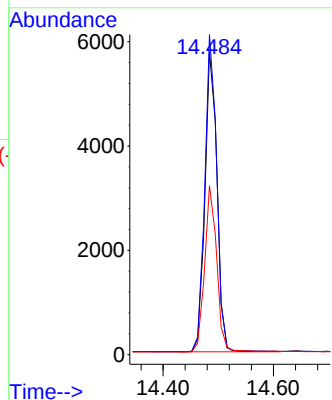
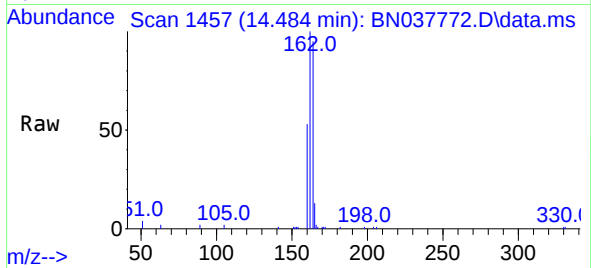




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

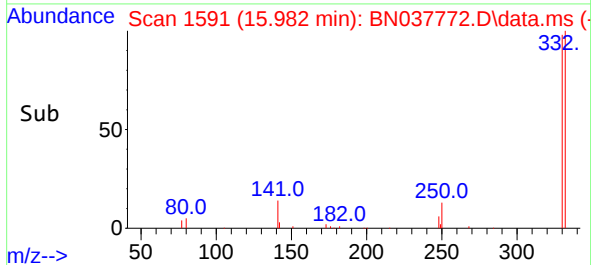
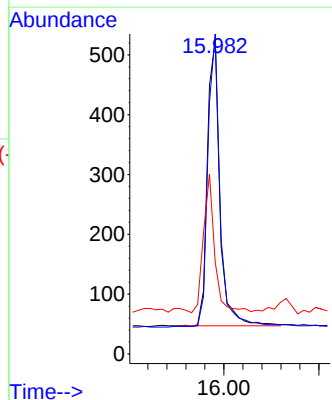
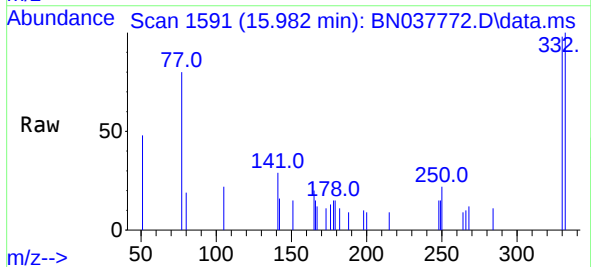
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

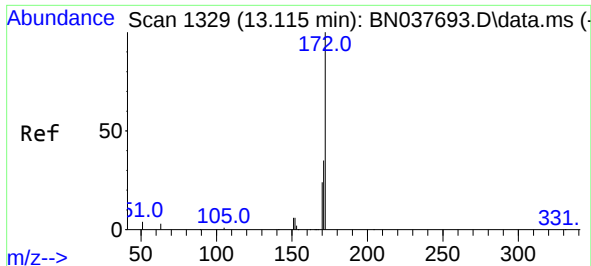
Tgt Ion:164 Resp: 8792  
Ion Ratio Lower Upper  
164 100  
162 105.6 83.1 124.7  
160 55.8 44.3 66.5



#14  
2,4,6-Tribromophenol  
Concen: 0.384 ng  
RT: 15.982 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:330 Resp: 880  
Ion Ratio Lower Upper  
330 100  
332 100.5 75.3 112.9  
141 43.6 35.0 52.4

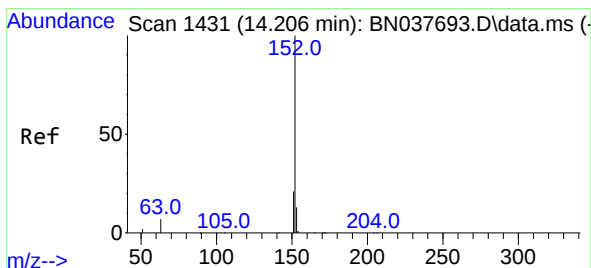
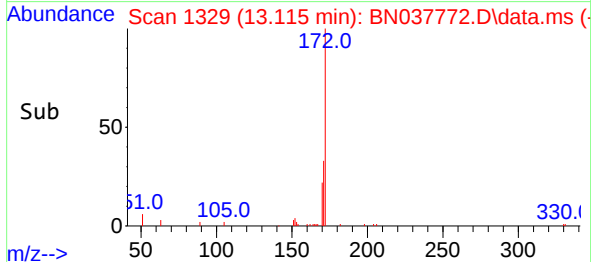
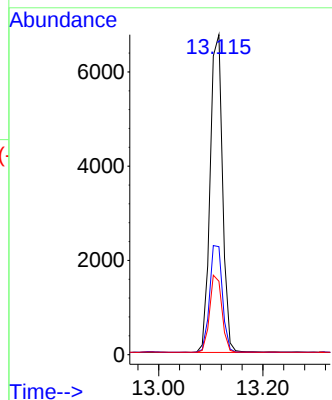
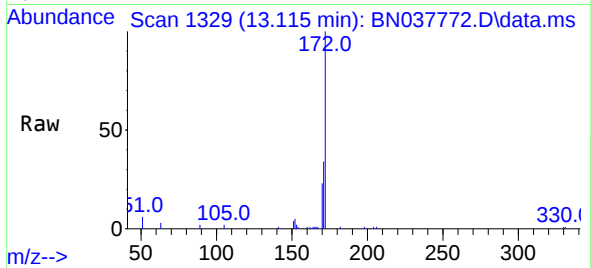




#15  
2-Fluorobiphenyl  
Concen: 0.303 ng  
RT: 13.115 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

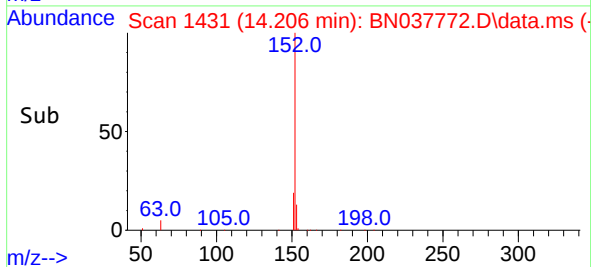
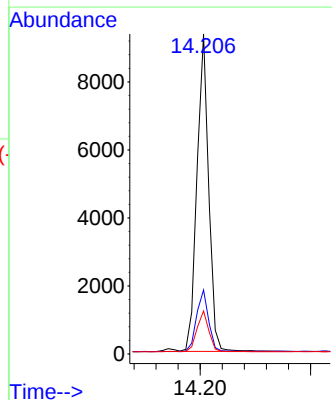
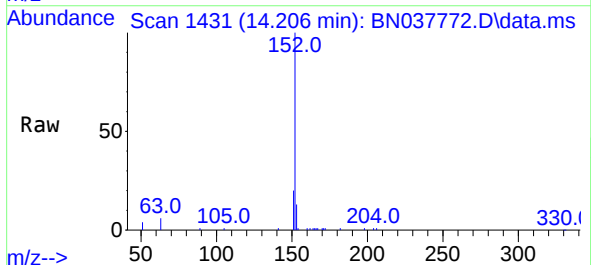
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

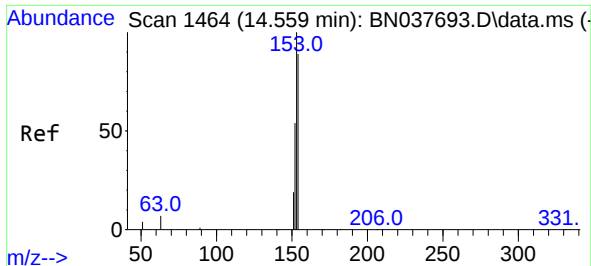
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 11146 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 33.7  | 28.6  | 43.0  |
| 170       | 23.0  | 19.8  | 29.8  |



#16  
Acenaphthylene  
Concen: 0.339 ng  
RT: 14.206 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 13679 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.1  | 16.2  | 24.2  |
| 153       | 13.2  | 10.4  | 15.6  |

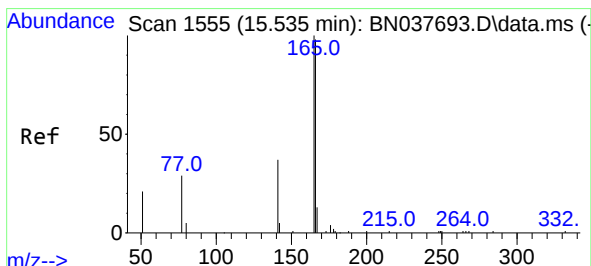
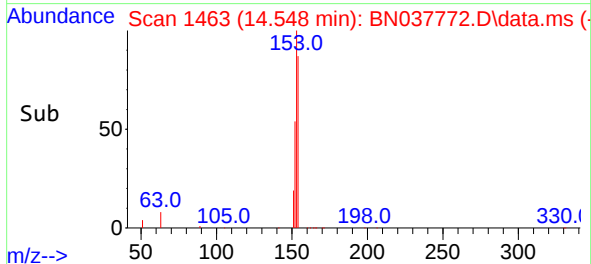
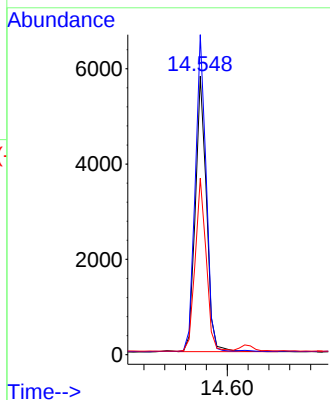
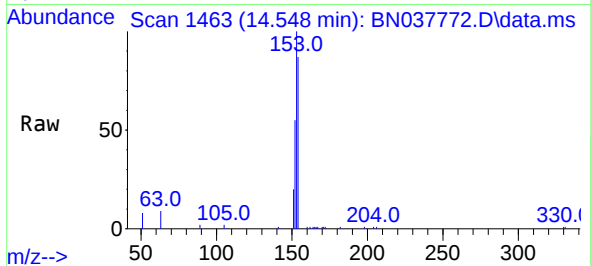




#17  
Acenaphthene  
Concen: 0.315 ng  
RT: 14.548 min Scan# 1463  
Delta R.T. -0.011 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

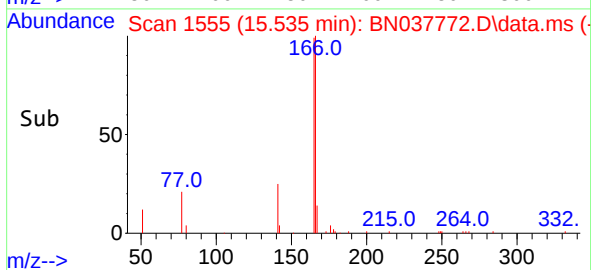
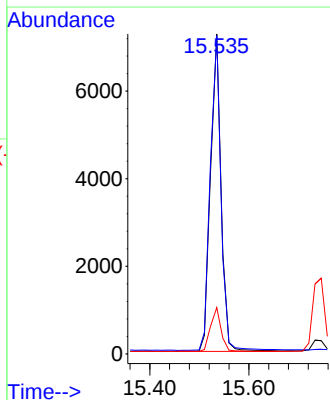
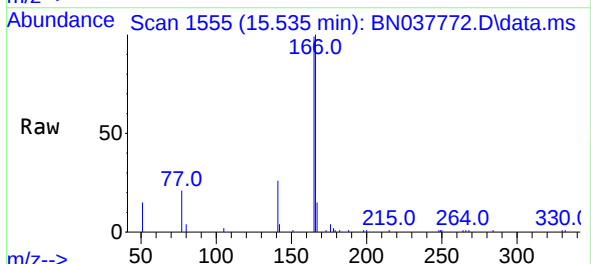
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

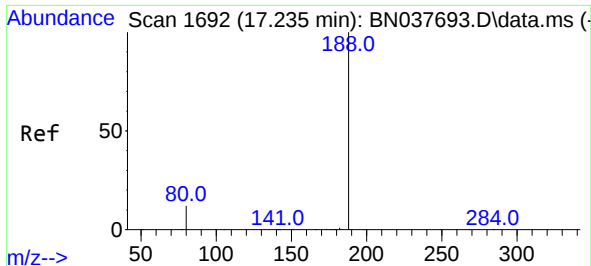
Tgt Ion:154 Resp: 8588  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.8 134.8  
152 62.5 50.2 75.2



#18  
Fluorene  
Concen: 0.311 ng  
RT: 15.535 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:166 Resp: 10257  
Ion Ratio Lower Upper  
166 100  
165 101.5 79.6 119.4  
167 14.1 10.6 16.0

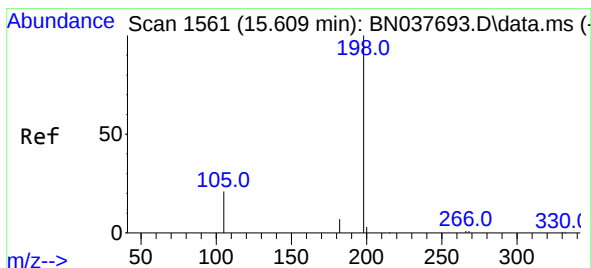
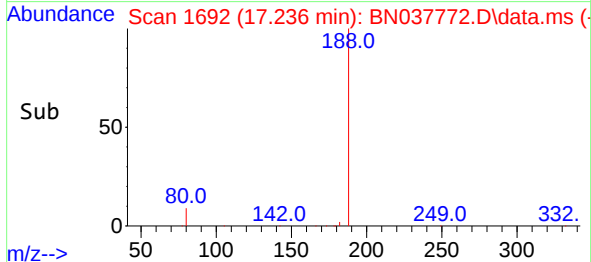
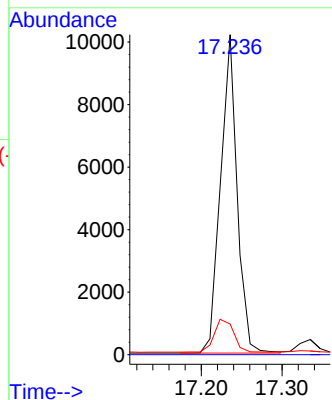
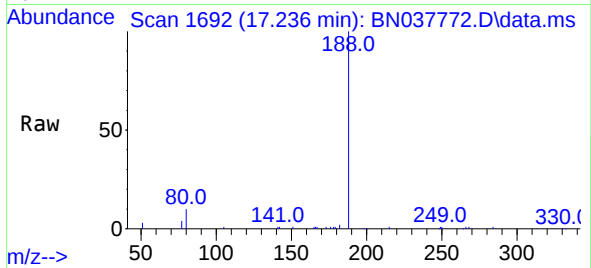




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.236 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

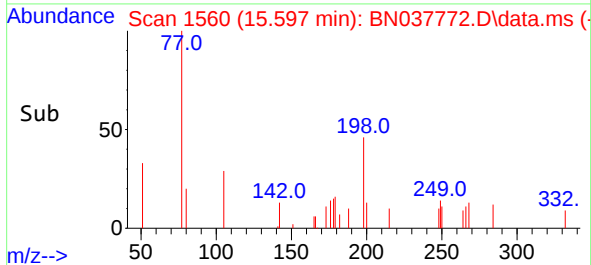
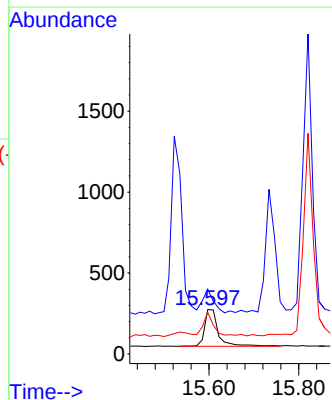
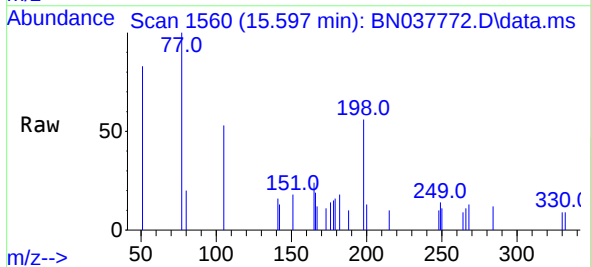
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

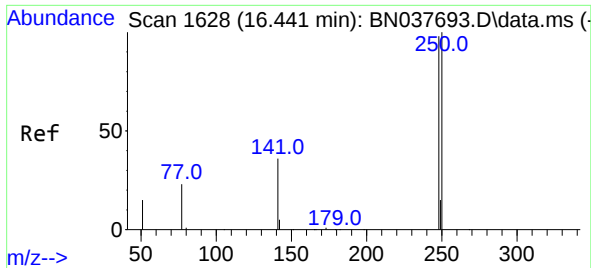
Tgt Ion:188 Resp: 14560  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.6 10.6 15.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.358 ng  
RT: 15.597 min Scan# 1560  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:198 Resp: 483  
Ion Ratio Lower Upper  
198 100  
51 146.4 95.1 142.7#  
105 93.8 53.8 80.6#

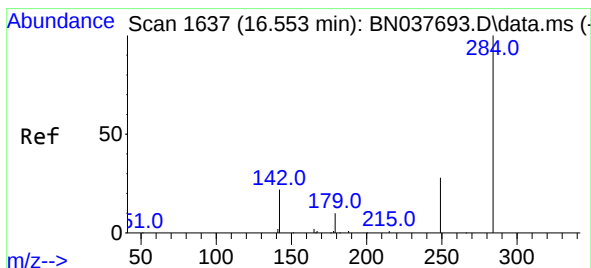
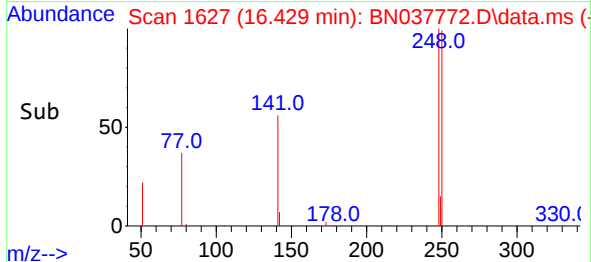
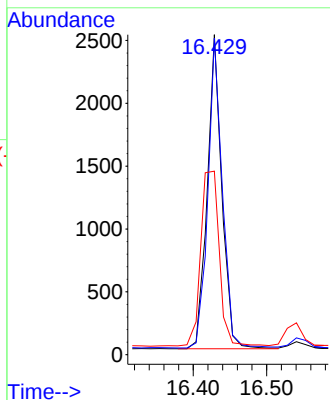
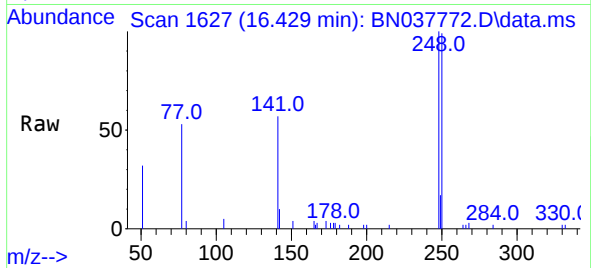




#21  
4-Bromophenyl-phenylether  
Concen: 0.362 ng  
RT: 16.429 min Scan# 1635  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

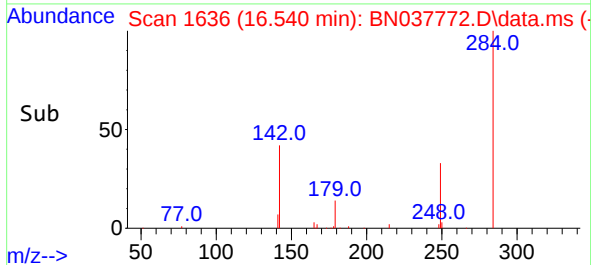
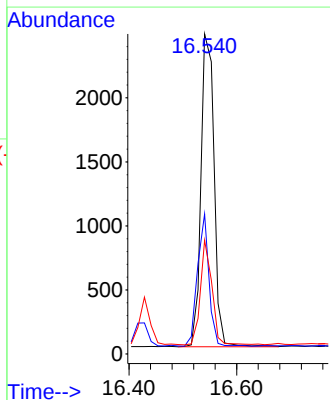
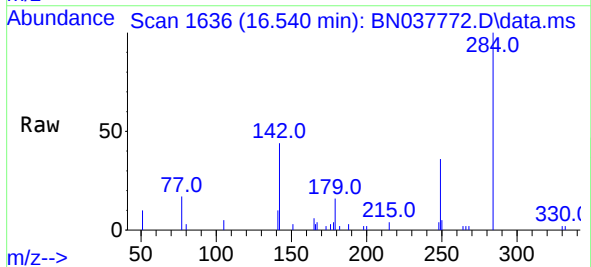
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

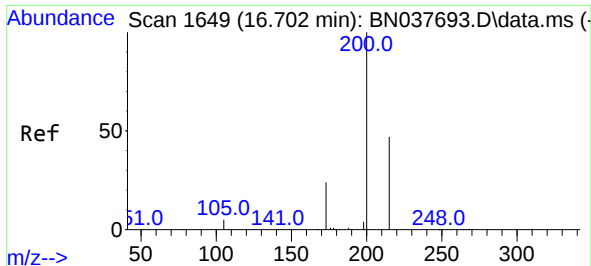
Tgt Ion:248 Resp: 3439  
Ion Ratio Lower Upper  
248 100  
250 98.9 81.5 122.3  
141 57.3 30.8 46.2#



#22  
Hexachlorobenzene  
Concen: 0.380 ng  
RT: 16.540 min Scan# 1636  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:284 Resp: 4153  
Ion Ratio Lower Upper  
284 100  
142 37.0 30.9 46.3  
249 29.4 24.8 37.2

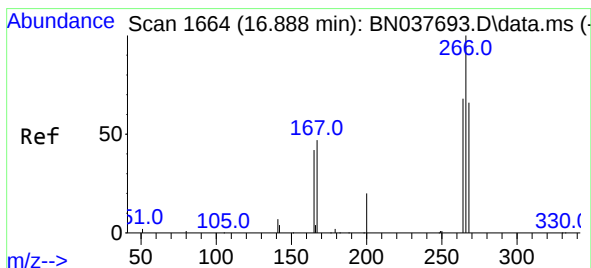
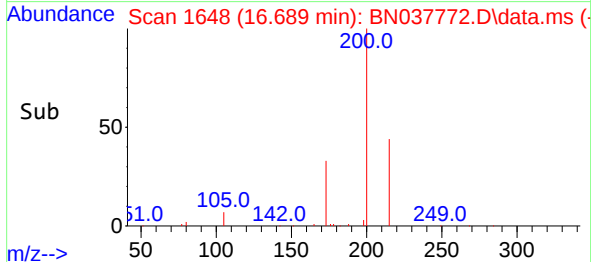
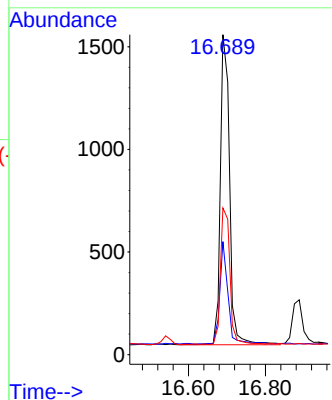
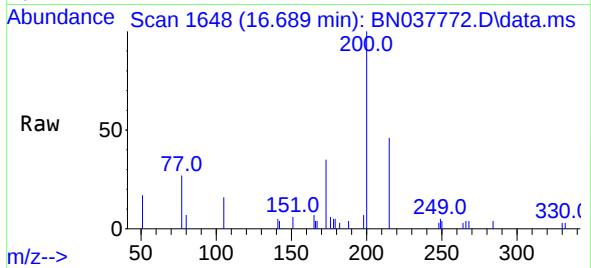




#23  
Atrazine  
Concen: 0.417 ng  
RT: 16.689 min Scan# 1648  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

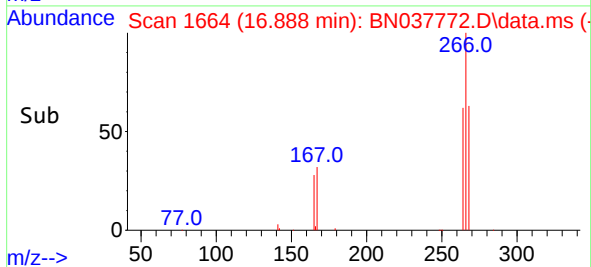
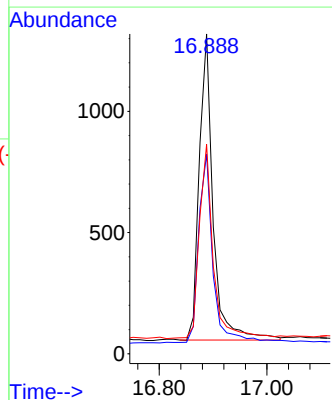
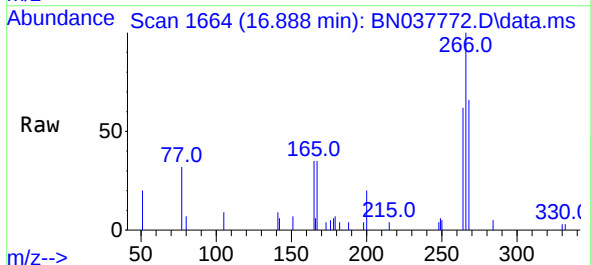
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

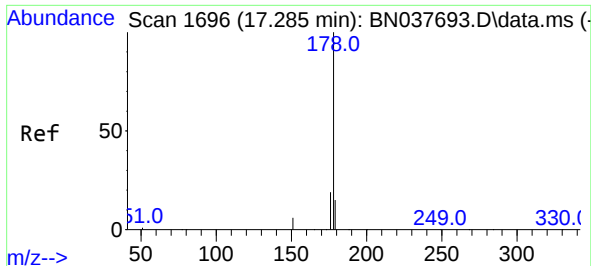
Tgt Ion:200 Resp: 2516  
Ion Ratio Lower Upper  
200 100  
173 35.3 21.4 32.2#  
215 45.9 39.2 58.8



#24  
Pentachlorophenol  
Concen: 0.712 ng  
RT: 16.888 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:266 Resp: 2259  
Ion Ratio Lower Upper  
266 100  
264 64.1 51.6 77.4  
268 62.9 53.2 79.8

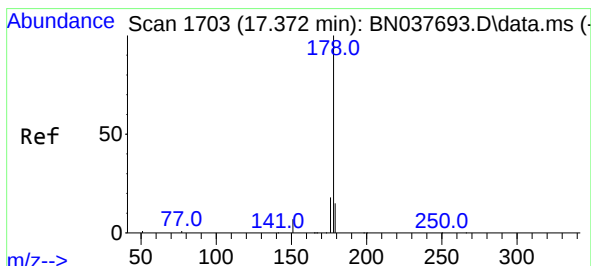
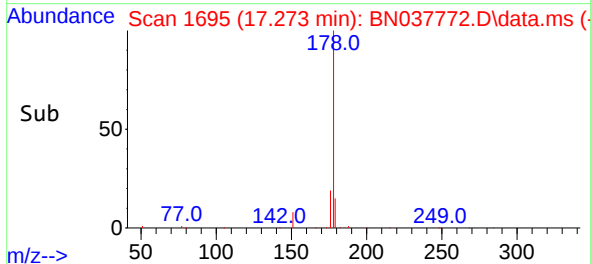
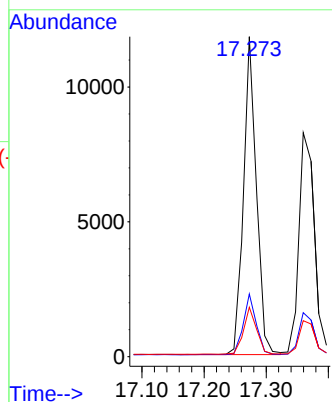
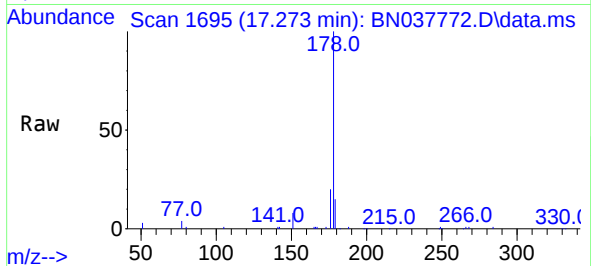




#25  
Phenanthrene  
Concen: 0.372 ng  
RT: 17.273 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

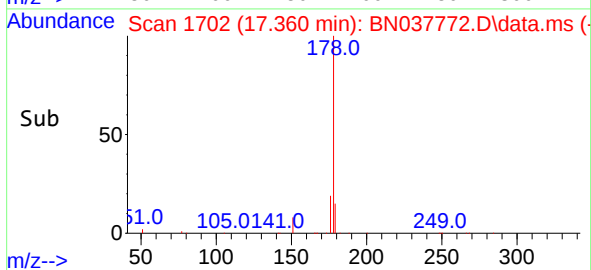
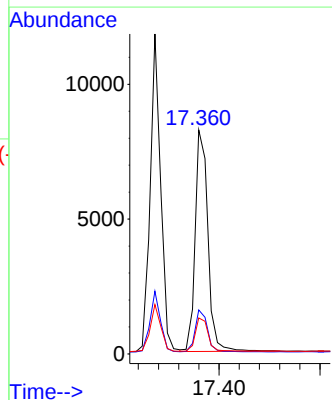
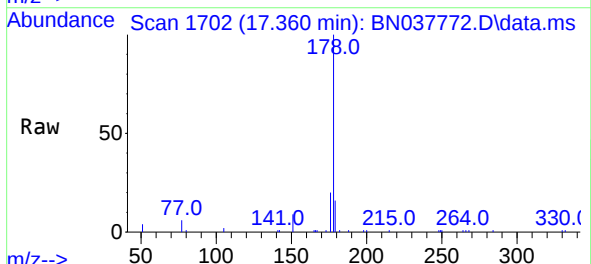
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

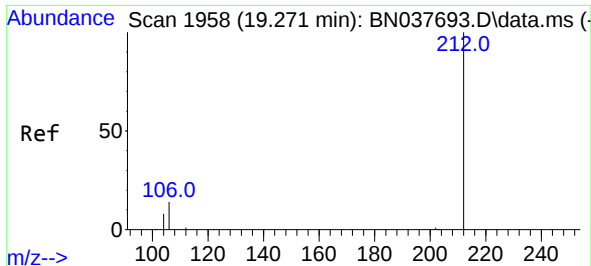
Tgt Ion:178 Resp: 17041  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.2 12.2 18.2



#26  
Anthracene  
Concen: 0.354 ng  
RT: 17.360 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:178 Resp: 14357  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.2 12.2 18.4

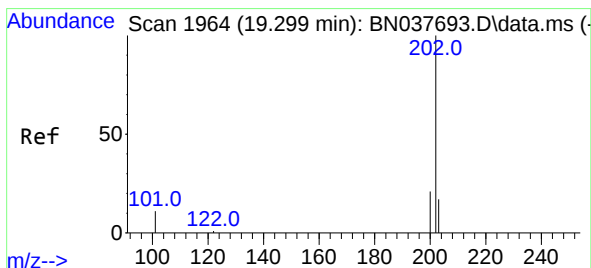
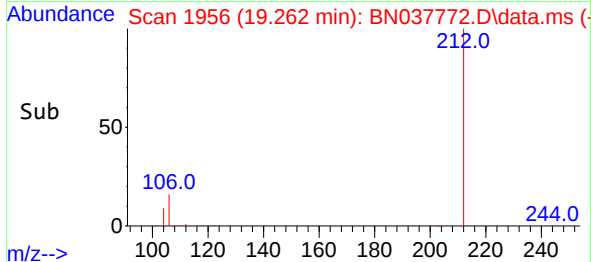
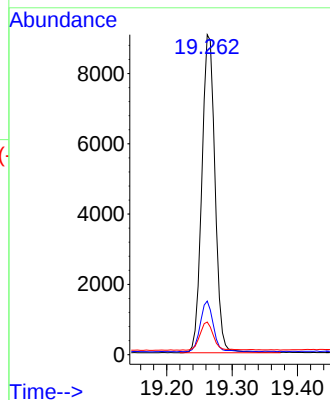
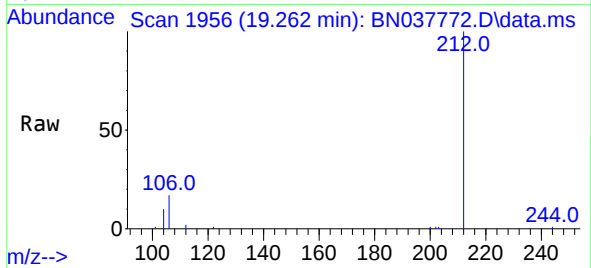




#27  
Fluoranthene-d10  
Concen: 0.347 ng  
RT: 19.262 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

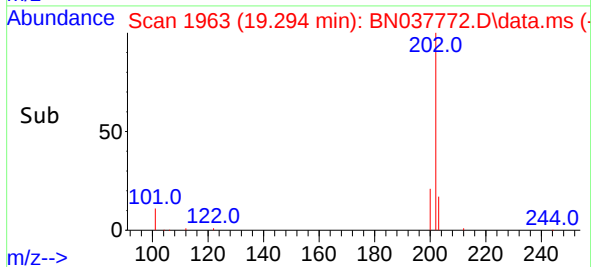
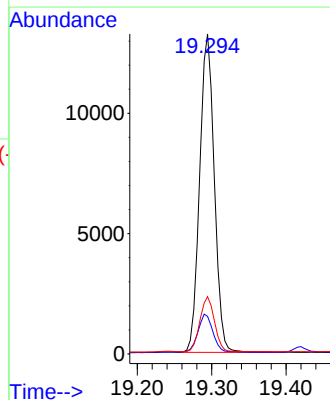
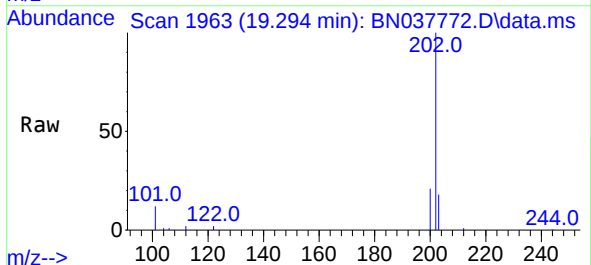
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

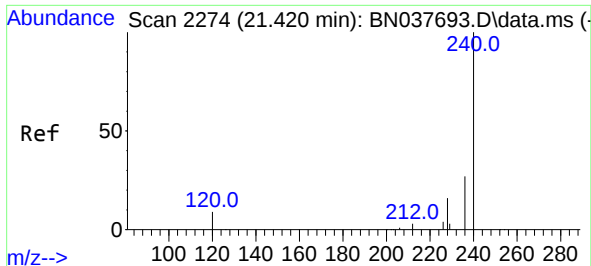
Tgt Ion:212 Resp: 12673  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.2 18.2  
104 9.1 6.9 10.3



#28  
Fluoranthene  
Concen: 0.360 ng  
RT: 19.294 min Scan# 1963  
Delta R.T. -0.005 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:202 Resp: 18098  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.3 13.9  
203 17.0 13.7 20.5

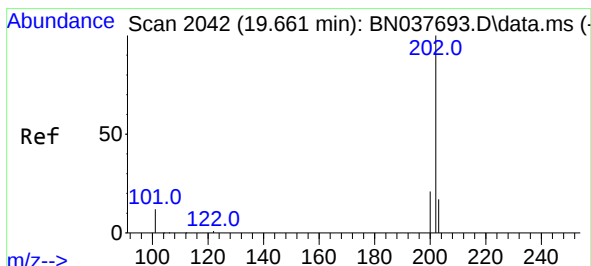
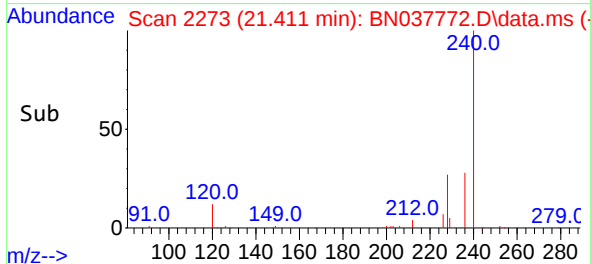
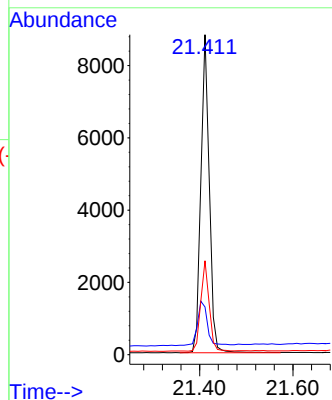
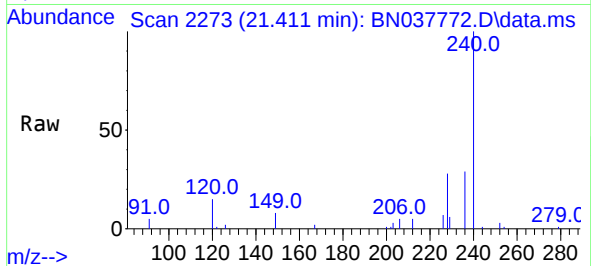




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

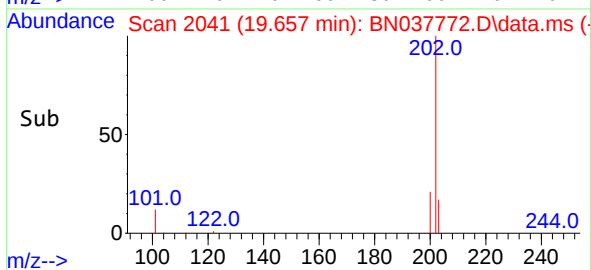
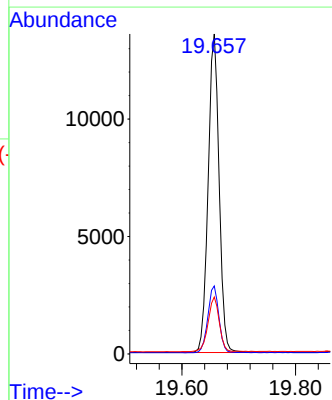
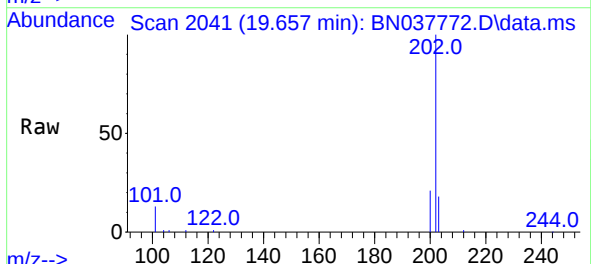
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

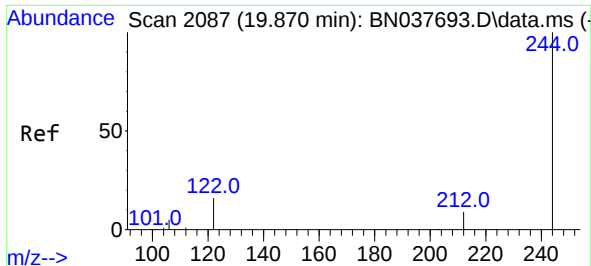
Tgt Ion:240 Resp: 11077  
Ion Ratio Lower Upper  
240 100  
120 14.9 9.2 13.8#  
236 29.4 22.6 33.8



#30  
Pyrene  
Concen: 0.420 ng  
RT: 19.657 min Scan# 2041  
Delta R.T. -0.005 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:202 Resp: 18207  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.8 25.2  
203 17.6 14.3 21.5

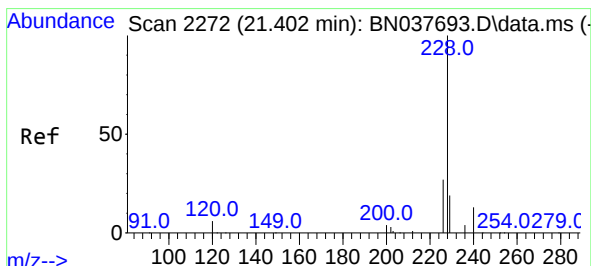
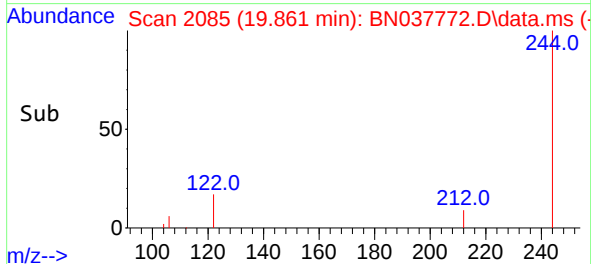
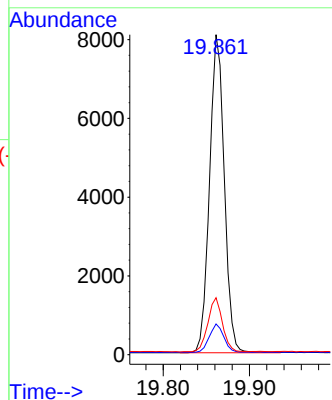
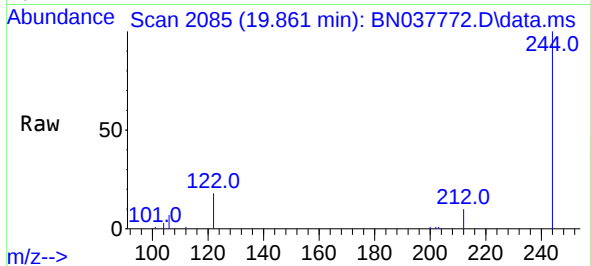




#31  
Terphenyl-d14  
Concen: 0.428 ng  
RT: 19.861 min Scan# 2085  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

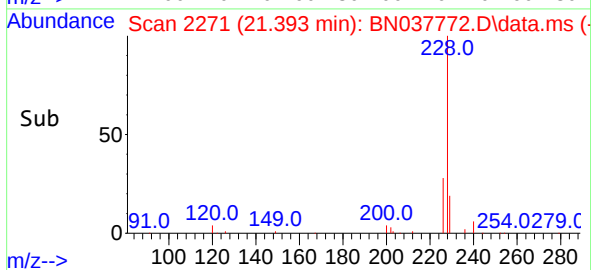
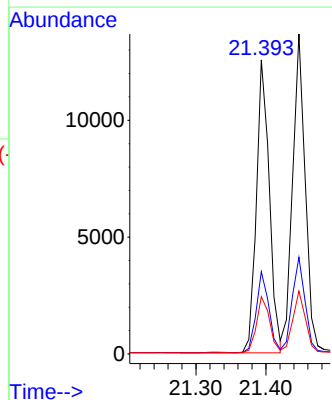
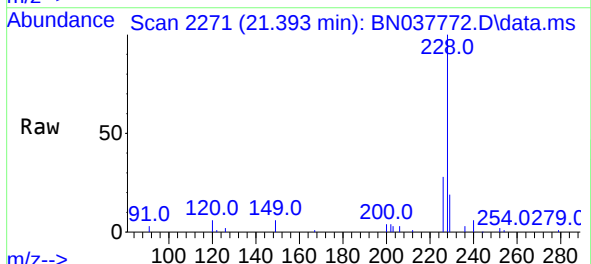
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

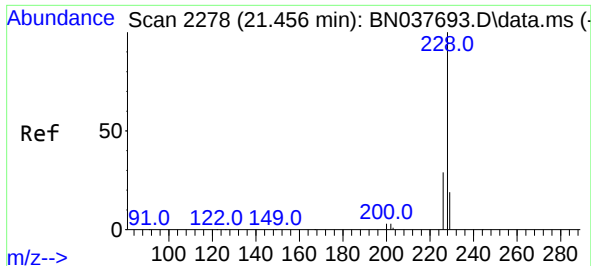
Tgt Ion:244 Resp: 9630  
Ion Ratio Lower Upper  
244 100  
212 9.6 7.5 11.3  
122 17.8 13.2 19.8



#32  
Benzo(a)anthracene  
Concen: 0.416 ng  
RT: 21.393 min Scan# 2271  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:228 Resp: 16075  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.2 33.2  
229 19.5 15.8 23.6

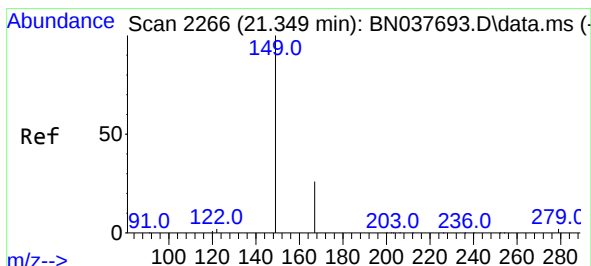
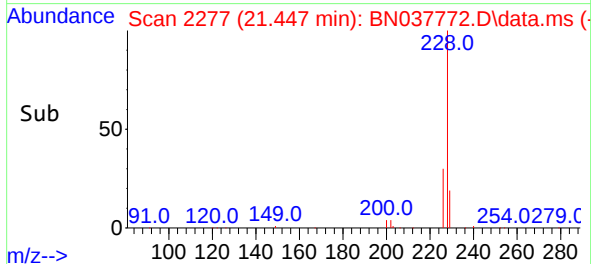
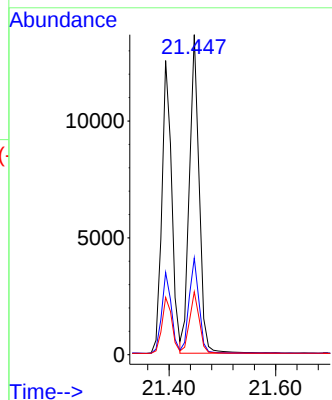
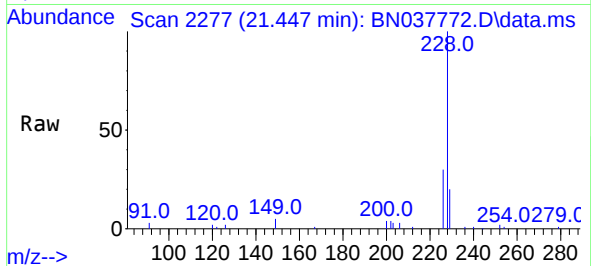




#33  
Chrysene  
Concen: 0.419 ng  
RT: 21.447 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

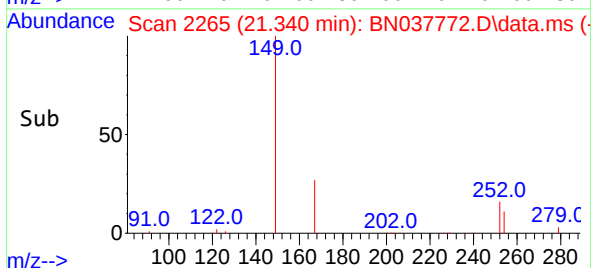
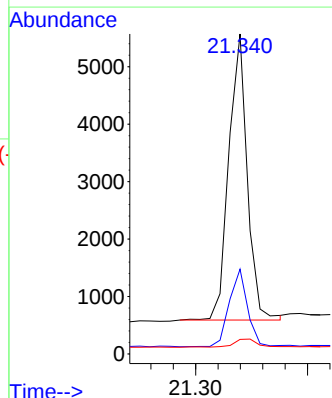
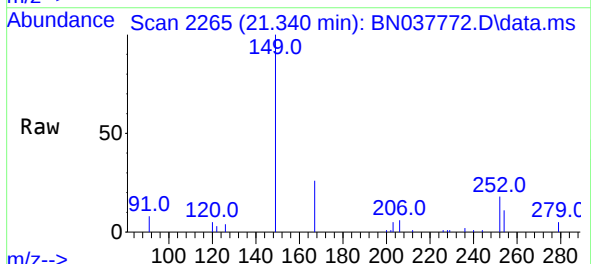
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

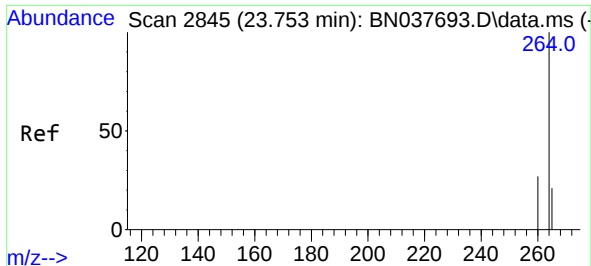
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 17366 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 30.2  | 23.5  | 35.3  |
| 229      | 19.7  | 15.9  | 23.9  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.500 ng  
RT: 21.340 min Scan# 2265  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

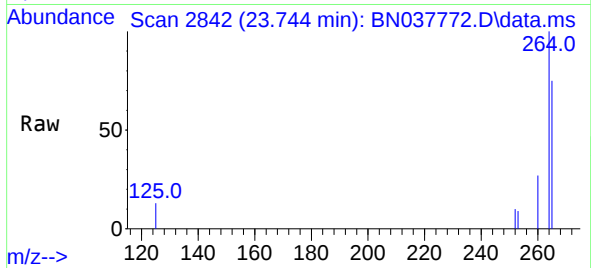
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 5730  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 26.9  | 20.8  | 31.2  |
| 279      | 4.0   | 3.3   | 4.9   |



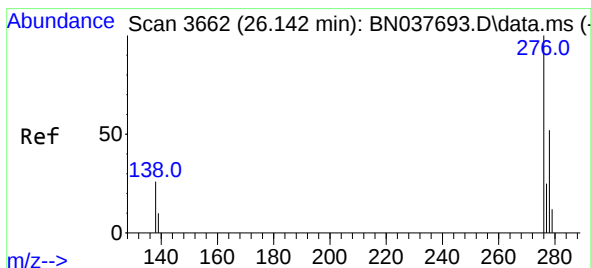
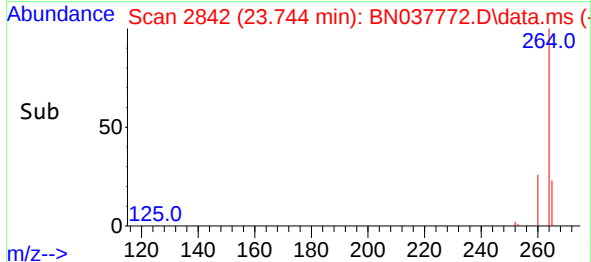
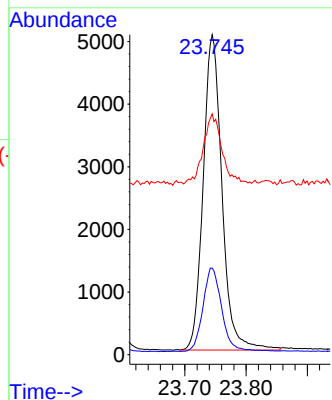


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.744 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

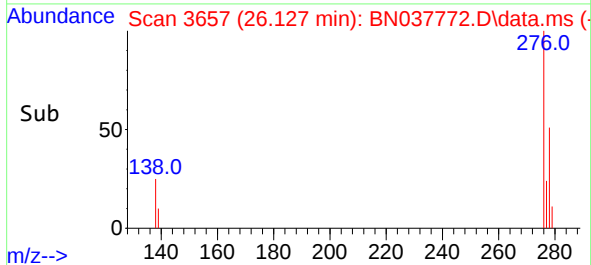
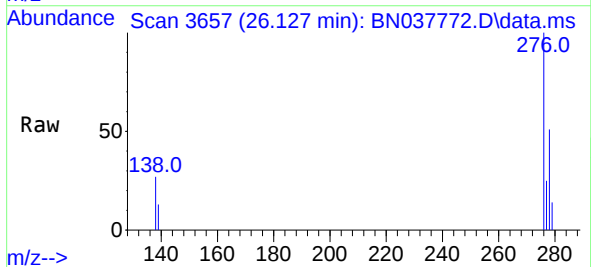
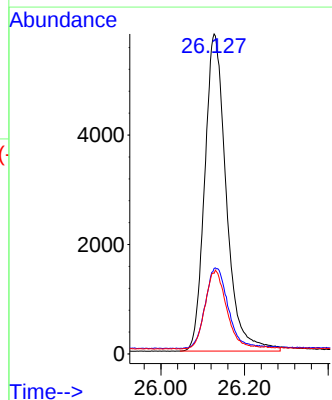


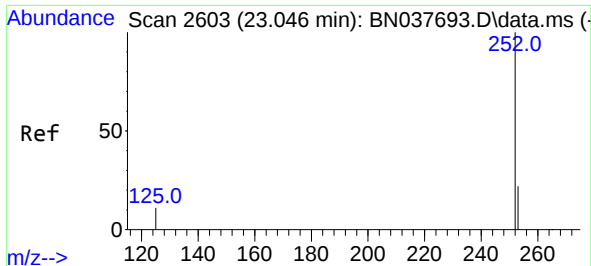
Tgt Ion:264 Resp: 10712  
Ion Ratio Lower Upper  
264 100  
260 27.0 21.8 32.8  
265 75.2 39.4 59.2#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.462 ng  
RT: 26.127 min Scan# 3657  
Delta R.T. -0.015 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:276 Resp: 20796  
Ion Ratio Lower Upper  
276 100  
138 26.7 21.9 32.9  
277 24.7 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 23.037 min Scan# 2600

Delta R.T. -0.009 min

Lab File: BN037772.D

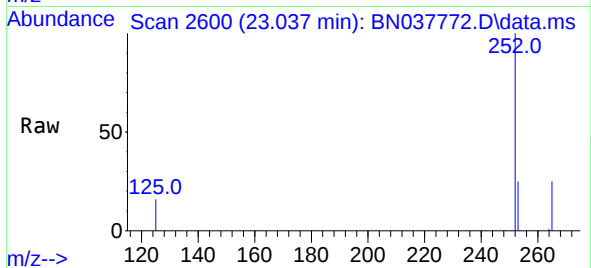
Acq: 18 Sep 2025 11:48

Instrument :

BNA\_N

ClientSampleId :

RE103D2-20250911MS



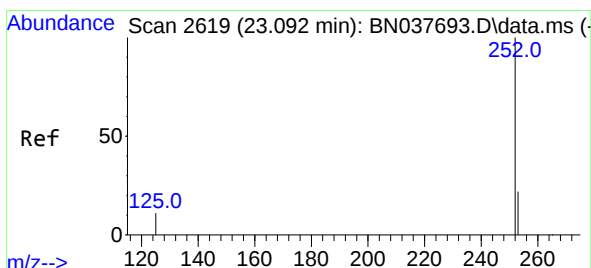
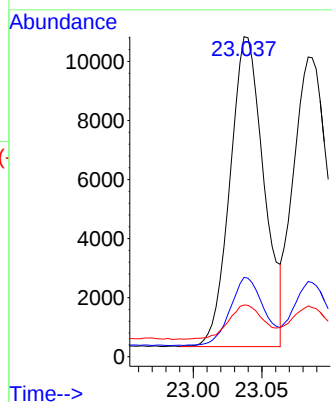
Tgt Ion:252 Resp: 18047

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.2

125 16.2 11.2 16.8



#38

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.084 min Scan# 2616

Delta R.T. -0.009 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

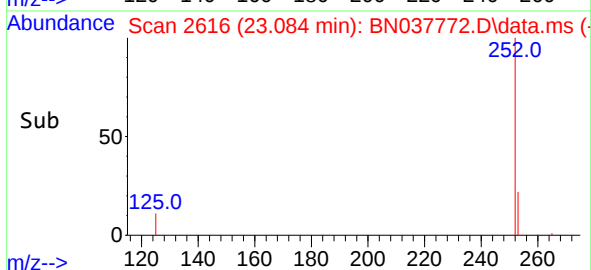
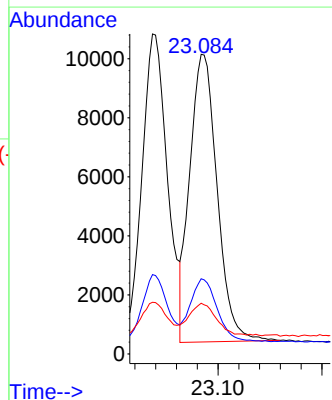
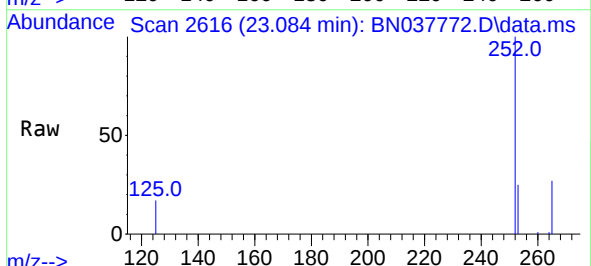
Tgt Ion:252 Resp: 17770

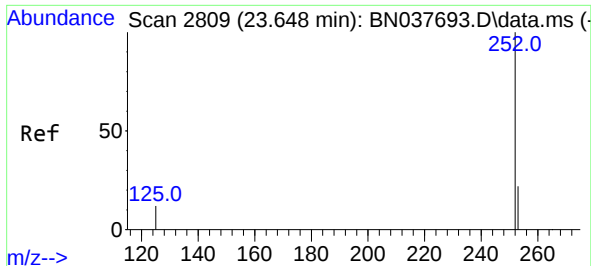
Ion Ratio Lower Upper

252 100

253 25.1 19.4 29.0

125 16.9 11.6 17.4

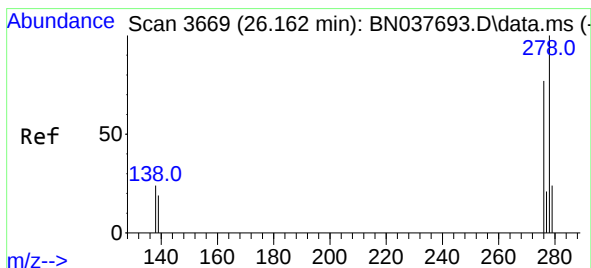
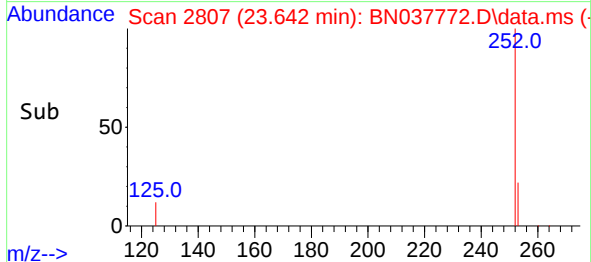
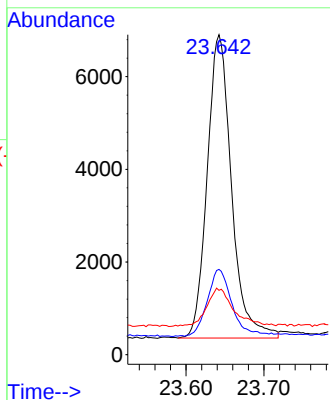
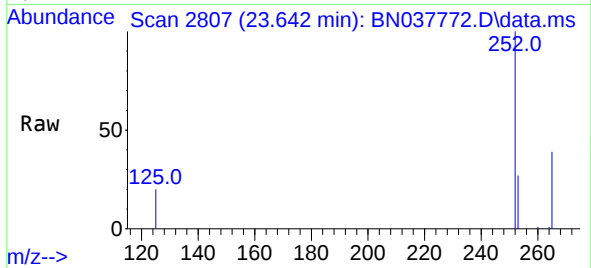




#39  
Benzo(a)pyrene  
Concen: 0.420 ng  
RT: 23.642 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

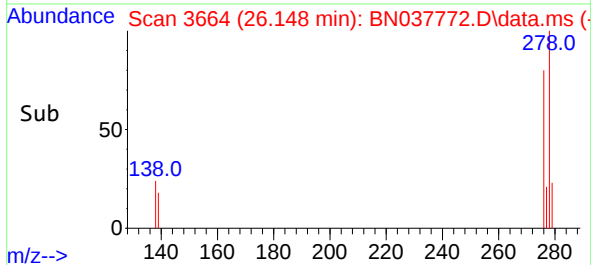
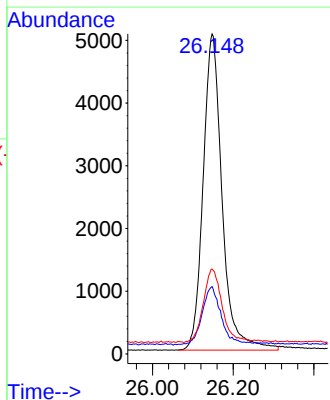
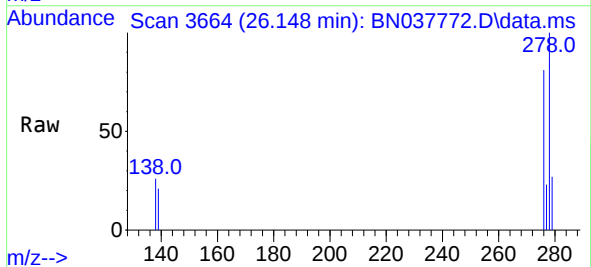
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20250911MS

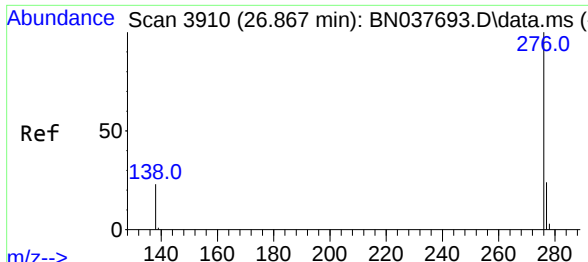
Tgt Ion:252 Resp: 14195  
Ion Ratio Lower Upper  
252 100  
253 26.7 20.8 31.2  
125 20.1 13.9 20.9



#40  
Dibenzo(a,h)anthracene  
Concen: 0.458 ng  
RT: 26.148 min Scan# 3664  
Delta R.T. -0.015 min  
Lab File: BN037772.D  
Acq: 18 Sep 2025 11:48

Tgt Ion:278 Resp: 16460  
Ion Ratio Lower Upper  
278 100  
139 21.1 17.8 26.6  
279 26.5 22.0 33.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.435 ng  
 RT: 26.855 min Scan# 3906  
 Delta R.T. -0.012 min  
 Lab File: BN037772.D  
 Acq: 18 Sep 2025 11:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20250911MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 17542 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.8  | 20.6  | 31.0  |
| 138      | 24.5  | 20.2  | 30.2  |

