

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092425\  
 Data File : BN037871.D  
 Acq On : 24 Sep 2025 09:54  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 24 11:11:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

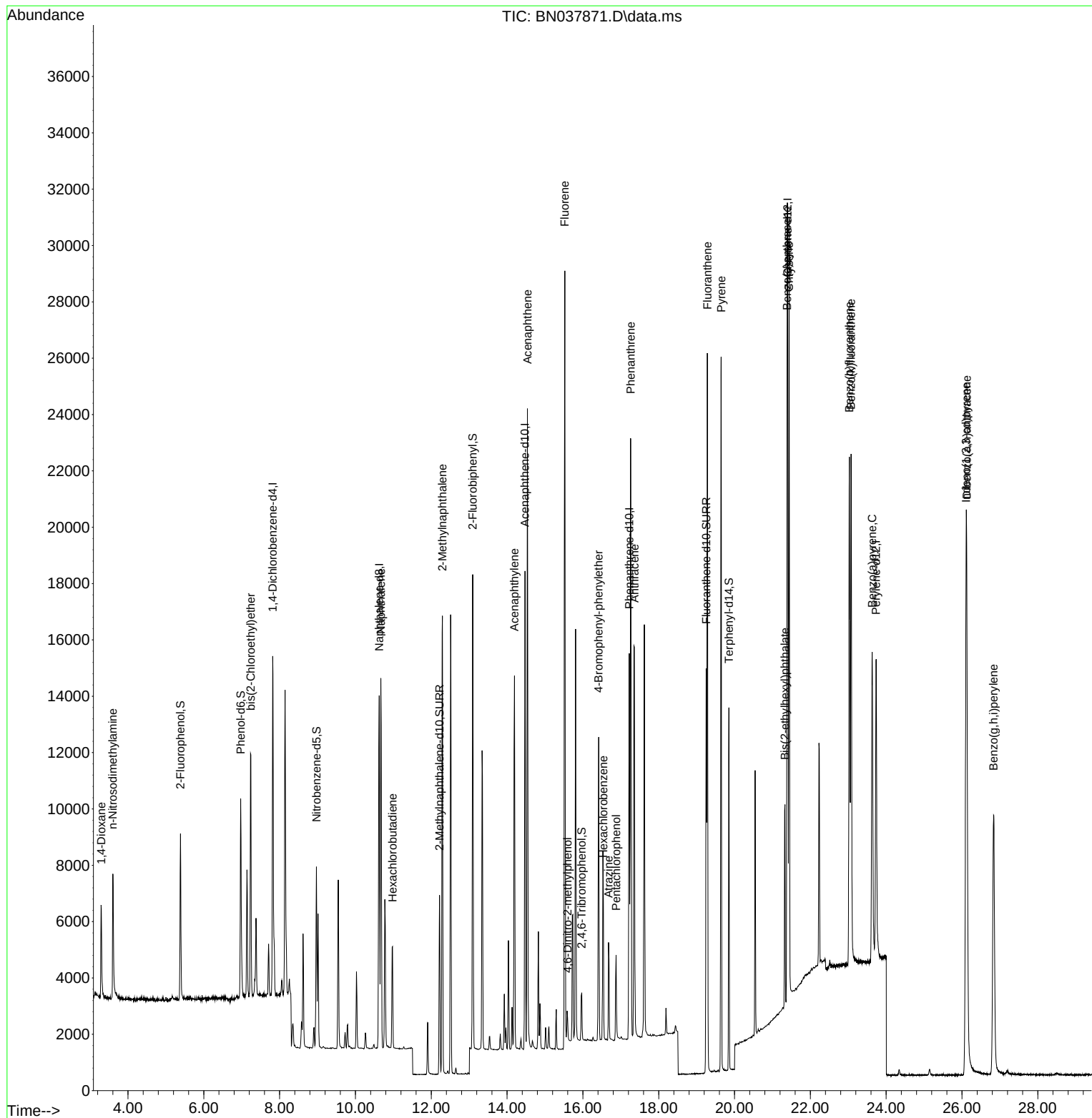
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 6027     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 16875    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.473 | 164  | 8790     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 17707    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.402 | 240  | 15660    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.735 | 264  | 14846    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 4980     | 0.362 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 6488     | 0.359 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 4847     | 0.377 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.217 | 152  | 8473     | 0.361 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 1071     | 0.321 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 13879    | 0.386 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.252 | 212  | 15676    | 0.352 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.852 | 244  | 11356    | 0.364 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.297  | 88   | 2525     | 0.413 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.600  | 42   | 3202     | 0.393 | ng    | # 88     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 6421     | 0.383 | ng    | 99       |
| 9) Naphthalene                | 10.669 | 128  | 17858    | 0.384 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.978 | 225  | 3114     | 0.393 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.293 | 142  | 11287    | 0.372 | ng    | 99       |
| 16) Acenaphthylene            | 14.195 | 152  | 14763    | 0.370 | ng    | 99       |
| 17) Acenaphthene              | 14.537 | 154  | 10658    | 0.375 | ng    | 99       |
| 18) Fluorene                  | 15.522 | 166  | 13226    | 0.385 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 694      | 0.373 | ng    | 97       |
| 21) 4-Bromophenyl-phenylether | 16.416 | 248  | 4110     | 0.356 | ng    | 100      |
| 22) Hexachlorobenzene         | 16.540 | 284  | 5400     | 0.386 | ng    | 99       |
| 23) Atrazine                  | 16.677 | 200  | 2979     | 0.339 | ng    | # 87     |
| 24) Pentachlorophenol         | 16.875 | 266  | 1599     | 0.333 | ng    | 95       |
| 25) Phenanthrene              | 17.260 | 178  | 21385    | 0.367 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 17791    | 0.352 | ng    | 100      |
| 28) Fluoranthene              | 19.285 | 202  | 23036    | 0.359 | ng    | 99       |
| 30) Pyrene                    | 19.647 | 202  | 22662    | 0.367 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.384 | 228  | 19693    | 0.360 | ng    | 100      |
| 33) Chrysene                  | 21.438 | 228  | 22733    | 0.384 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 7423     | 0.343 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.109 | 276  | 26646    | 0.393 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.028 | 252  | 23575    | 0.368 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.075 | 252  | 24415    | 0.379 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.630 | 252  | 18325    | 0.362 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.124 | 278  | 20887    | 0.394 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.835 | 276  | 21736    | 0.391 | ng    | 98       |

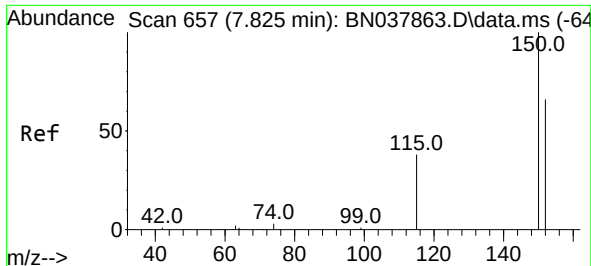
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092425\  
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Sample : SSTDCCC0.4  
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Instrument :  
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Quant Time: Sep 24 11:11:27 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration

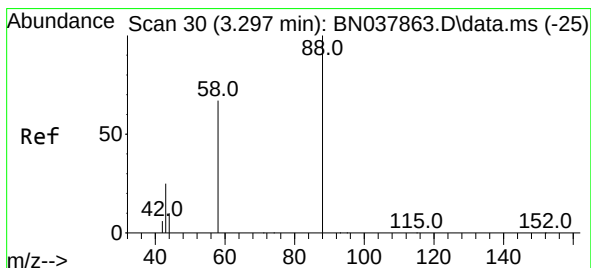
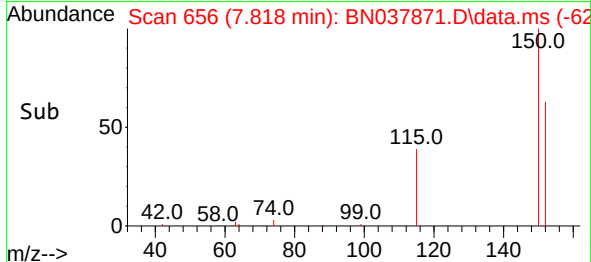
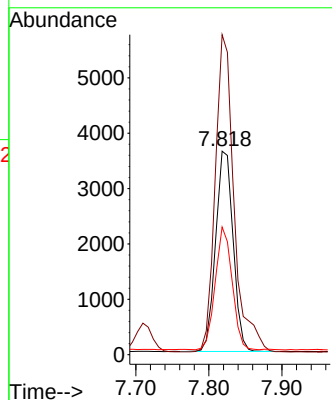
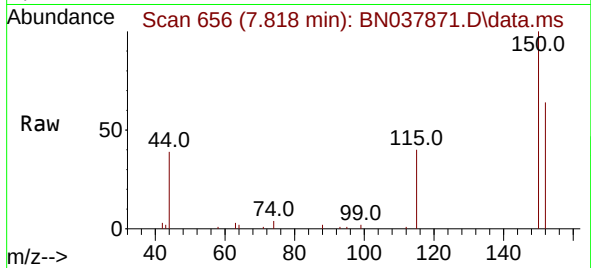




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

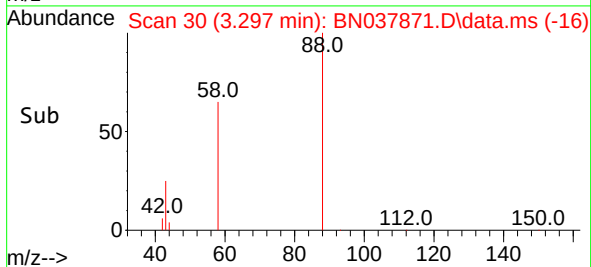
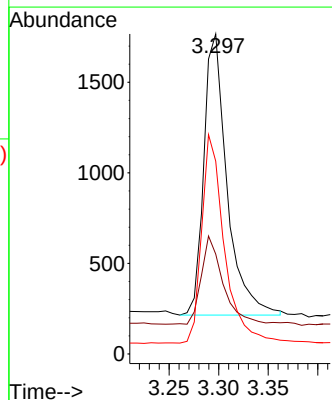
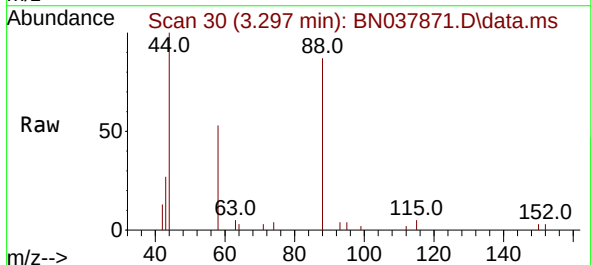
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4

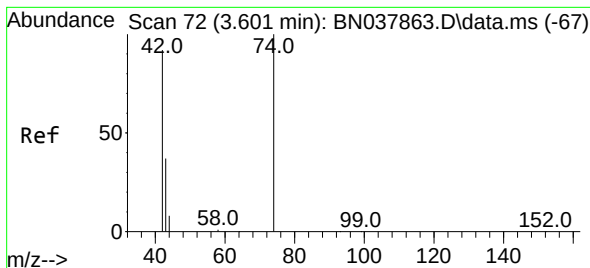
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 Ion Ratio Lower Upper  
 152 100  
 150 157.2 121.0 181.4  
 115 62.8 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 0.413 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

Tgt Ion: 88 Resp: 2525  
 Ion Ratio Lower Upper  
 88 100  
 43 29.5 26.6 39.8  
 58 72.2 58.9 88.3

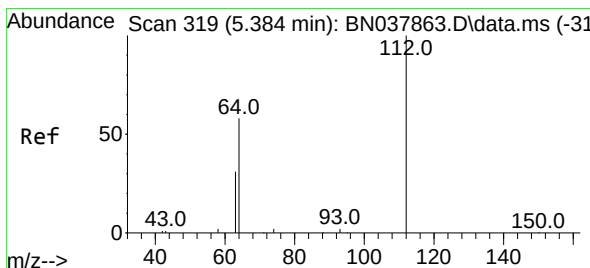
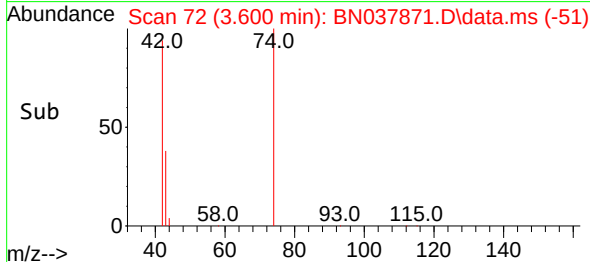
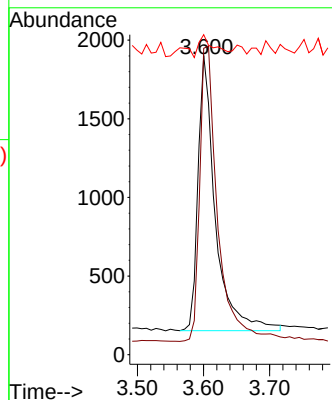
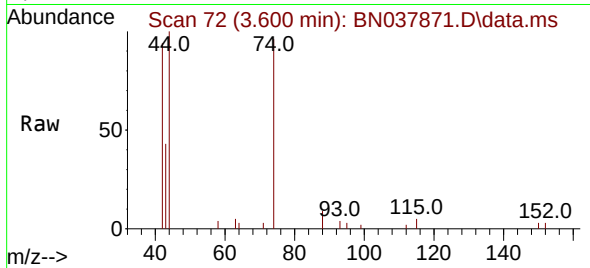




#3  
 n-Nitrosodimethylamine  
 Concen: 0.393 ng  
 RT: 3.600 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

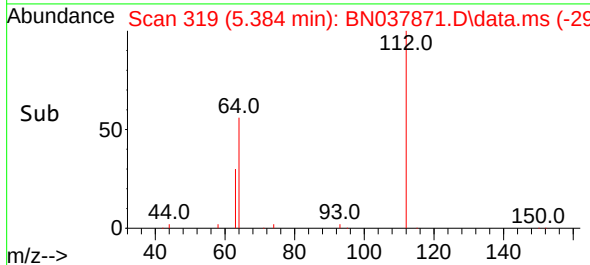
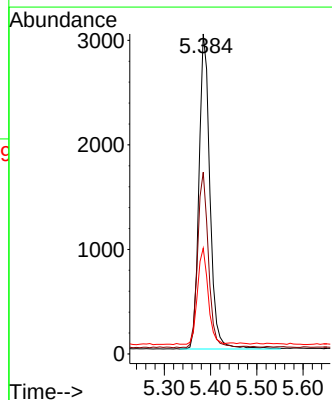
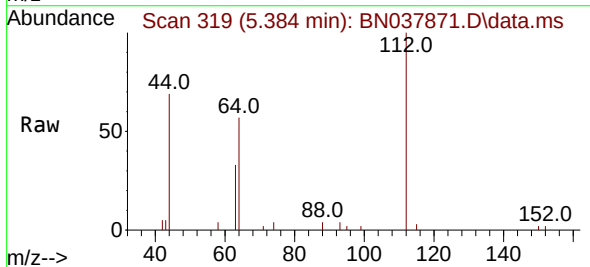
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4

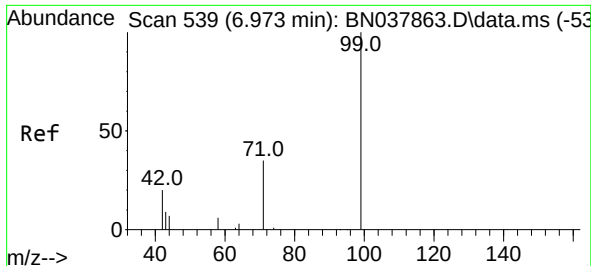
Tgt Ion: 42 Resp: 3202  
 Ion Ratio Lower Upper  
 42 100  
 74 111.2 93.4 140.0  
 44 7.3 22.2 33.4#



#4  
 2-Fluorophenol  
 Concen: 0.362 ng  
 RT: 5.384 min Scan# 319  
 Delta R.T. -0.000 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

Tgt Ion: 112 Resp: 4980  
 Ion Ratio Lower Upper  
 112 100  
 64 54.9 44.6 66.8  
 63 29.6 24.9 37.3

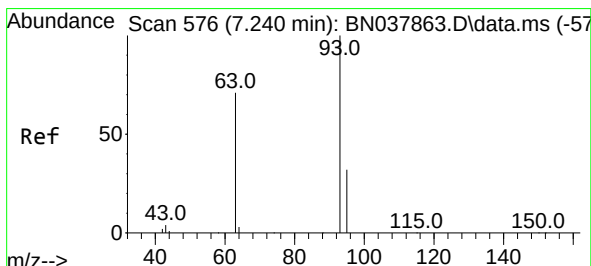
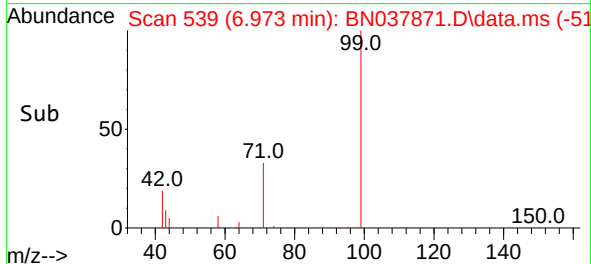
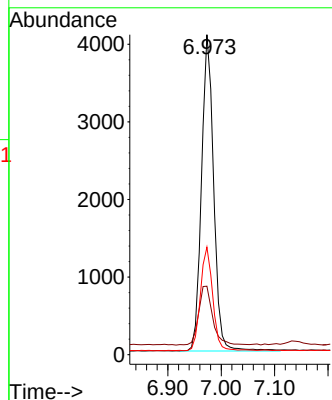
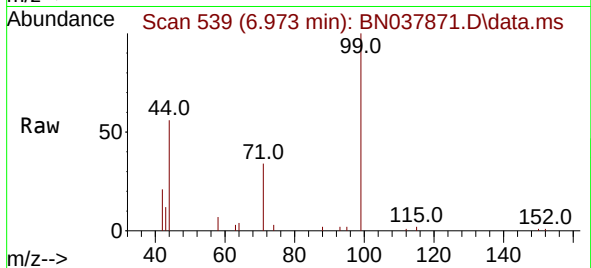




#5  
Phenol-d6  
Concen: 0.359 ng  
RT: 6.973 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

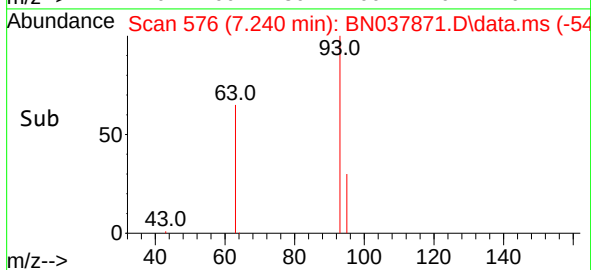
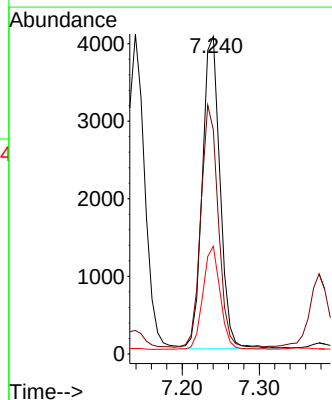
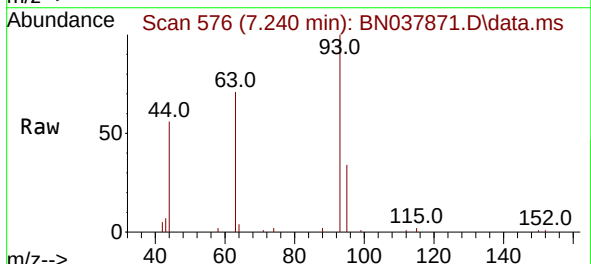
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ClientSampleId :  
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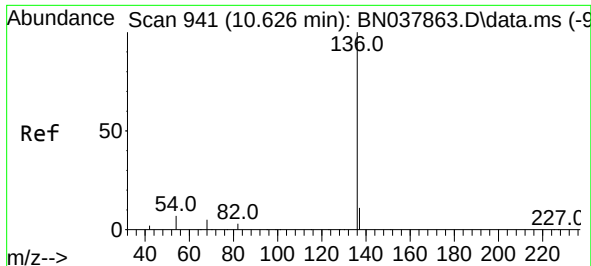
Tgt Ion: 99 Resp: 6488  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.2 25.8  
71 33.0 27.3 40.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.383 ng  
RT: 7.240 min Scan# 576  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion: 93 Resp: 6421  
Ion Ratio Lower Upper  
93 100  
63 75.8 60.1 90.1  
95 32.2 25.4 38.2

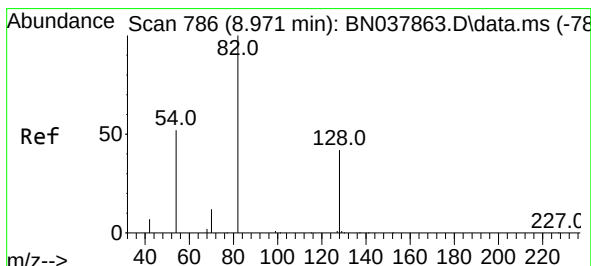
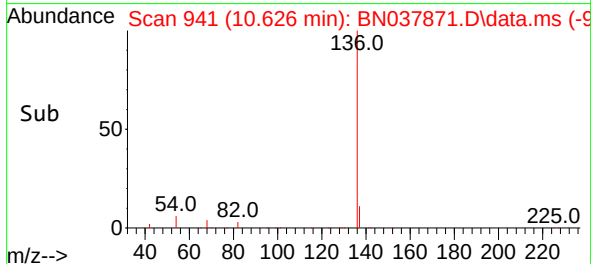
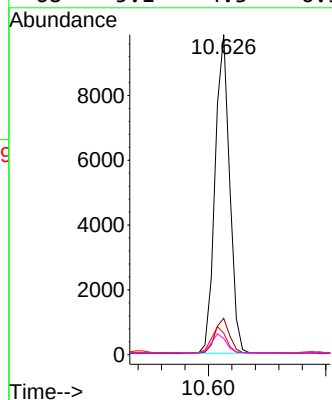
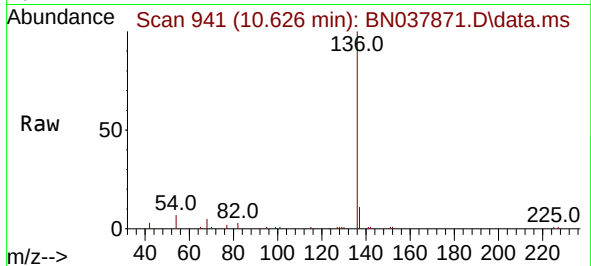




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

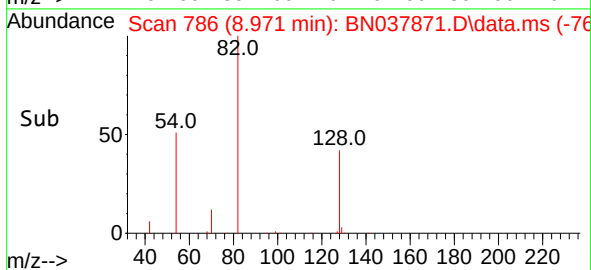
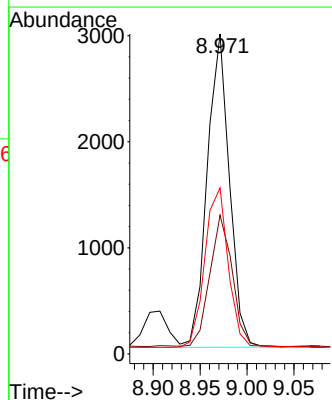
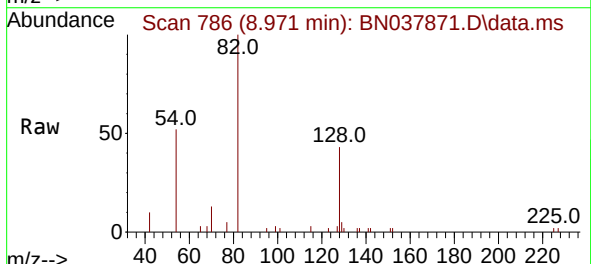
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SSTDCCC0.4

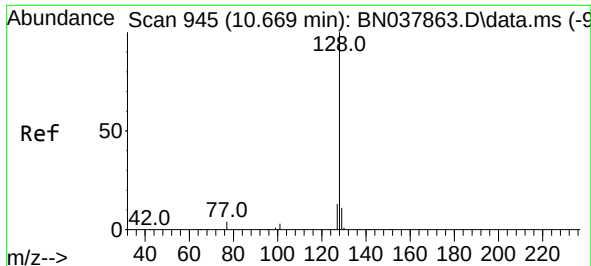
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 16875 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.4  |
| 54       | 6.8   | 5.8   | 8.8   |
| 68       | 5.1   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.377 ng  
RT: 8.971 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4847  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.3  | 34.8  | 52.2  |
| 54       | 51.9  | 42.2  | 63.2  |

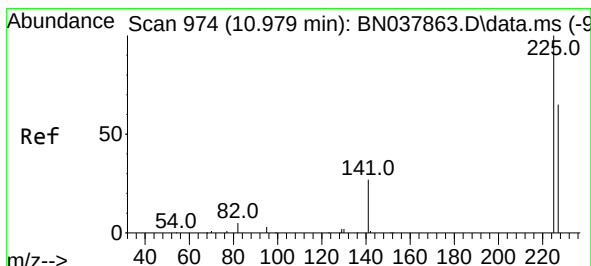
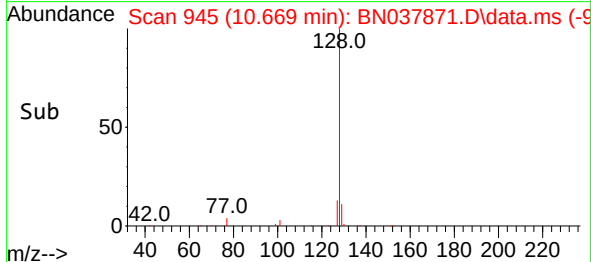
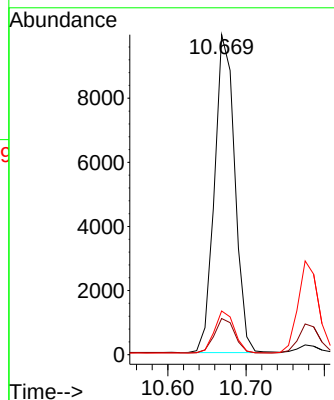
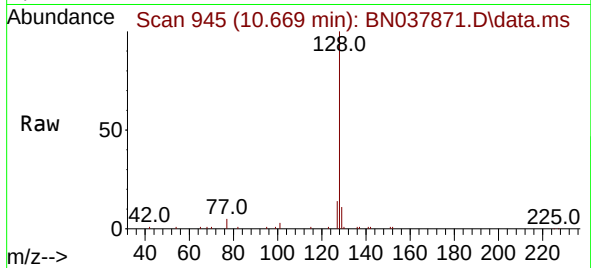




#9  
Naphthalene  
Concen: 0.384 ng  
RT: 10.669 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

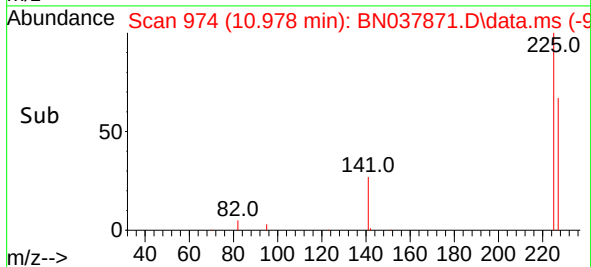
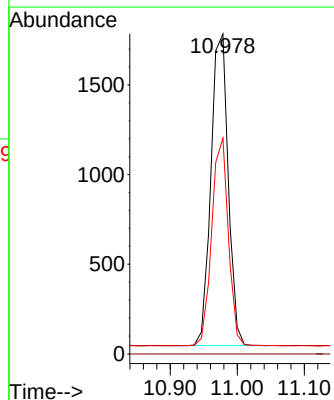
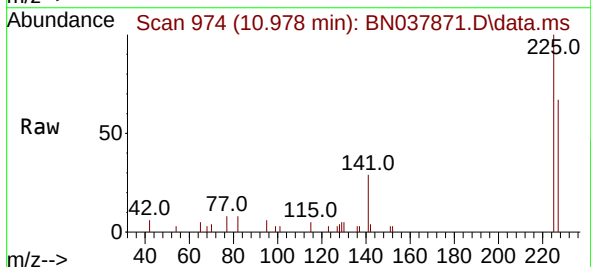
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

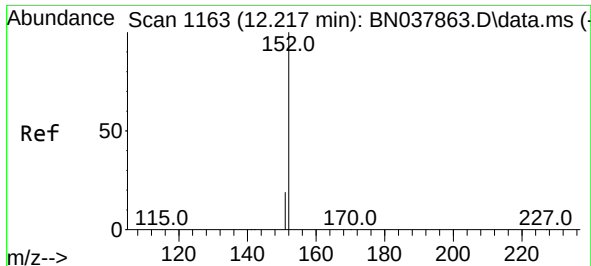
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 17858 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.3  | 9.2   | 13.8  |
| 127       | 13.6  | 11.0  | 16.6  |



#10  
Hexachlorobutadiene  
Concen: 0.393 ng  
RT: 10.978 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 3114 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 64.0  | 51.4  | 77.2 |

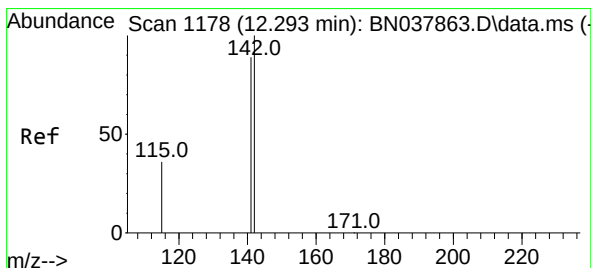
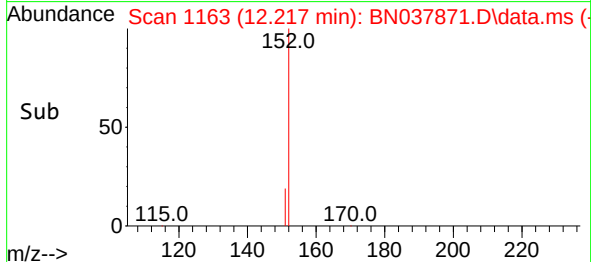
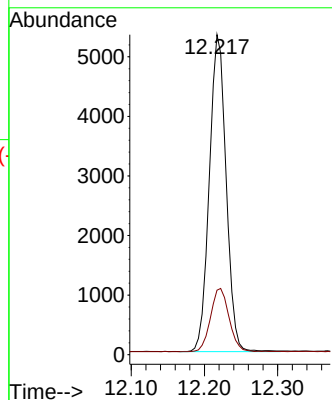
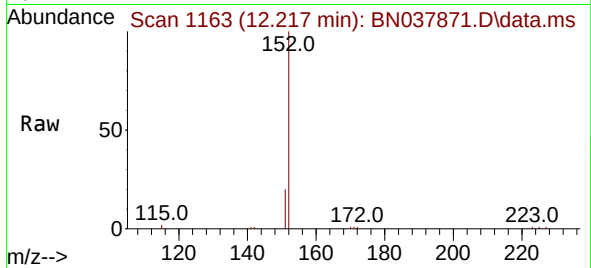




#11  
2-Methylnaphthalene-d10  
Concen: 0.361 ng  
RT: 12.217 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

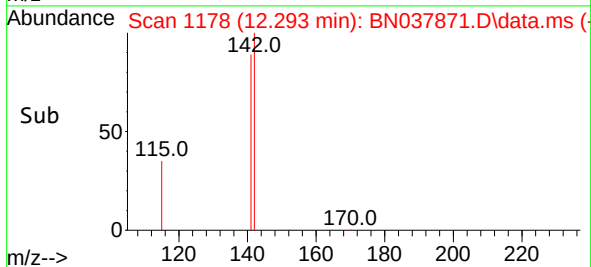
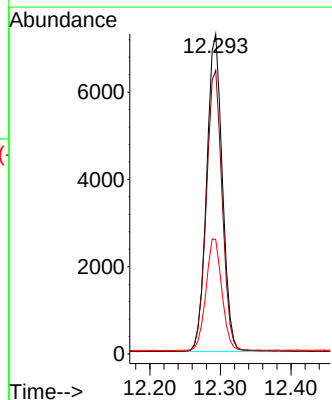
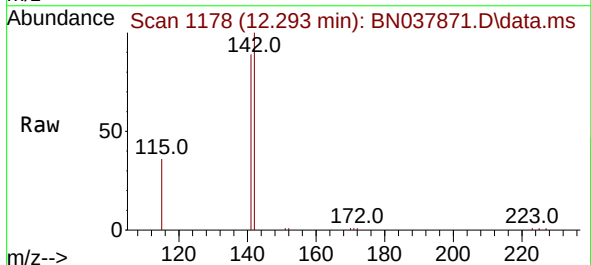
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:152 Resp: 8473  
Ion Ratio Lower Upper  
152 100  
151 22.0 17.4 26.2

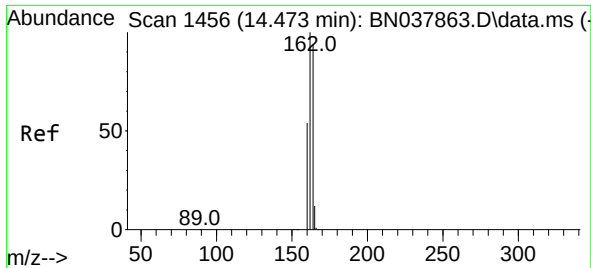


#12  
2-Methylnaphthalene  
Concen: 0.372 ng  
RT: 12.293 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion:142 Resp: 11287  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.2 106.8  
115 35.7 29.7 44.5



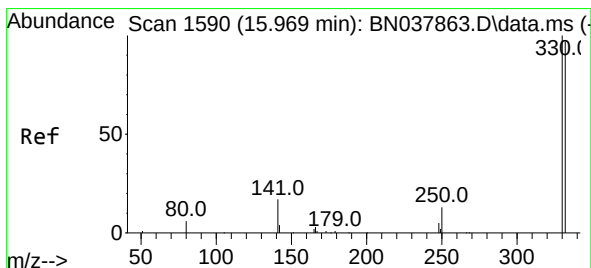
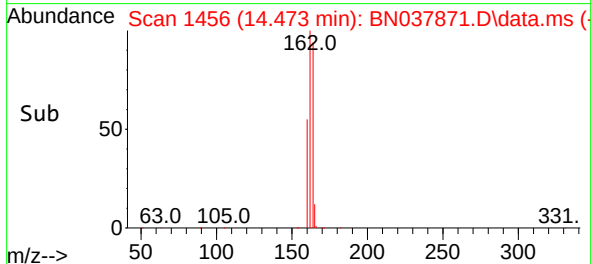
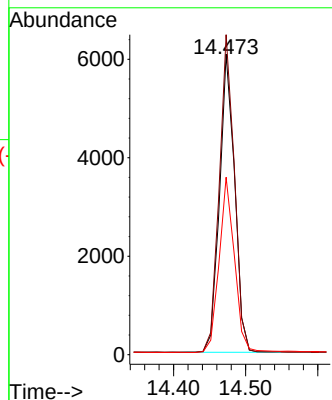
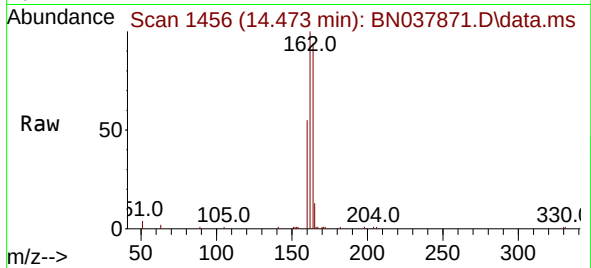




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.473 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

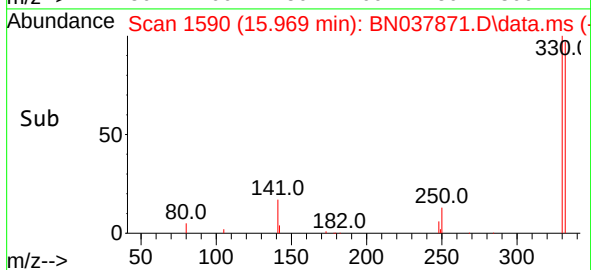
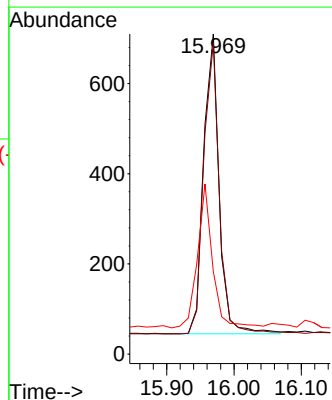
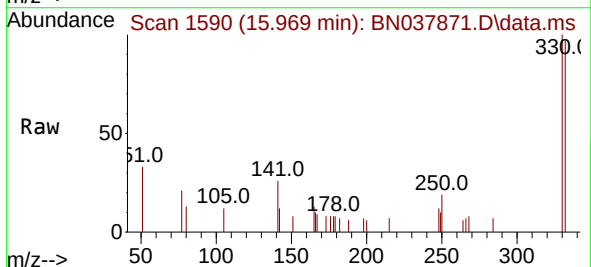
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

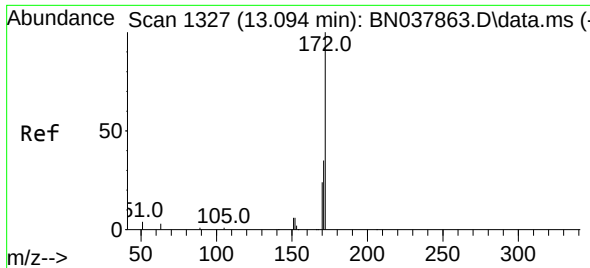
Tgt Ion:164 Resp: 8790  
Ion Ratio Lower Upper  
164 100  
162 106.4 84.8 127.2  
160 59.0 46.1 69.1



#14  
2,4,6-Tribromophenol  
Concen: 0.321 ng  
RT: 15.969 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion:330 Resp: 1071  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.2 115.8  
141 46.7 37.2 55.8

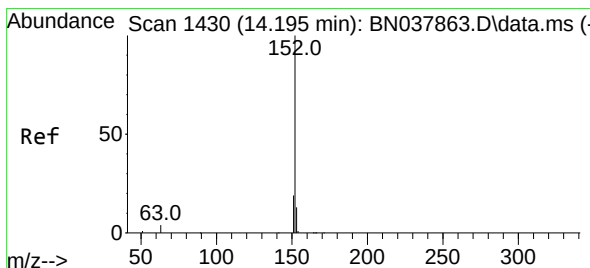
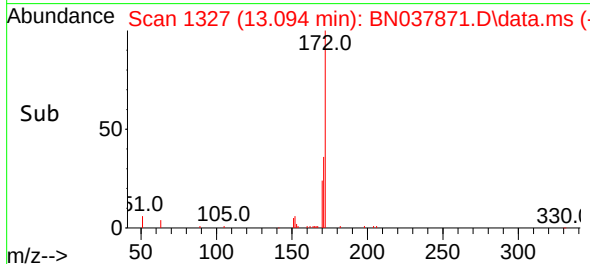
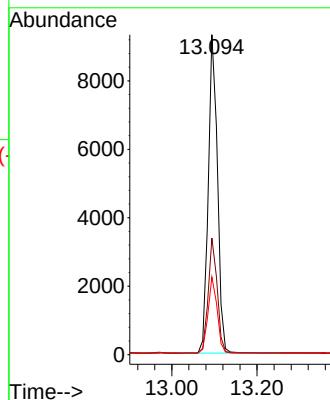
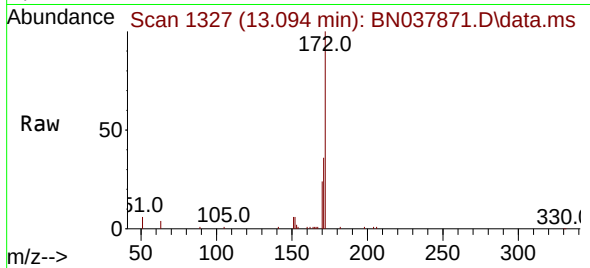




#15  
2-Fluorobiphenyl  
Concen: 0.386 ng  
RT: 13.094 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

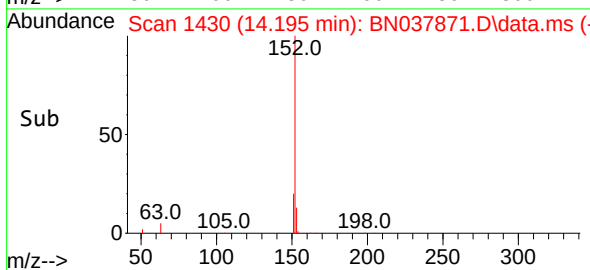
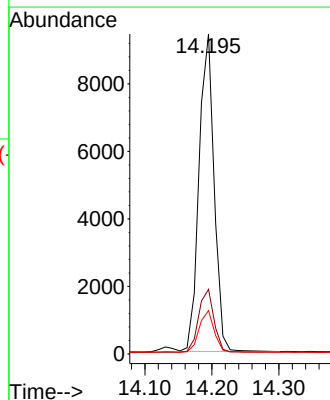
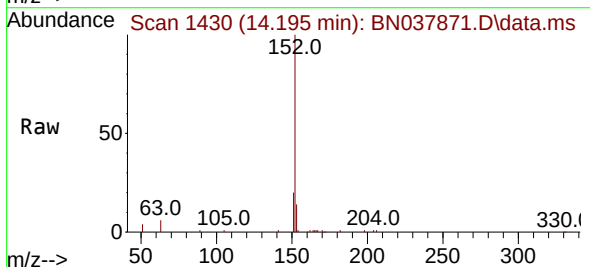
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

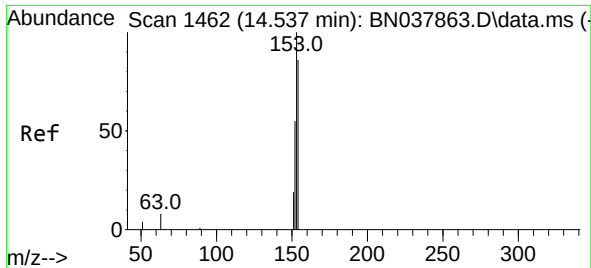
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13879 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 36.4  | 28.6  | 43.0  |
| 170       | 24.3  | 19.7  | 29.5  |



#16  
Acenaphthylene  
Concen: 0.370 ng  
RT: 14.195 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 14763 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.2  | 15.8  | 23.8  |
| 153       | 13.0  | 10.5  | 15.7  |

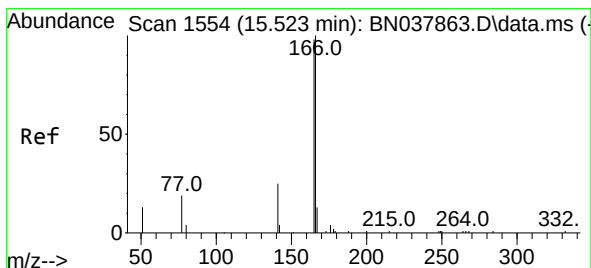
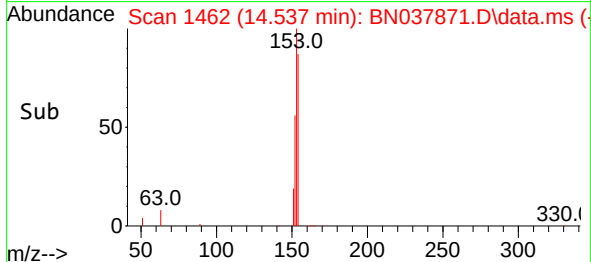
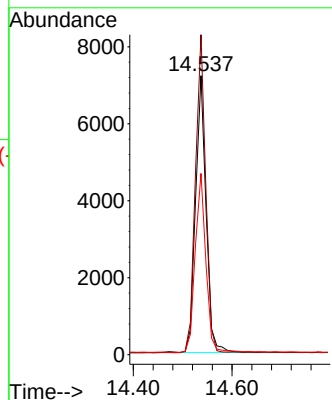
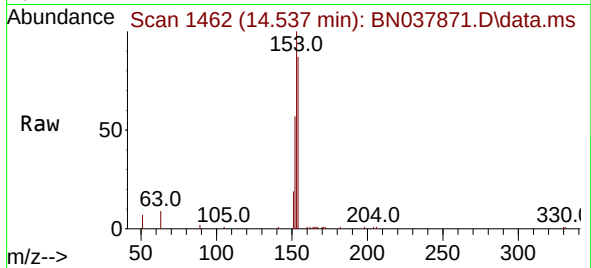




#17  
Acenaphthene  
Concen: 0.375 ng  
RT: 14.537 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

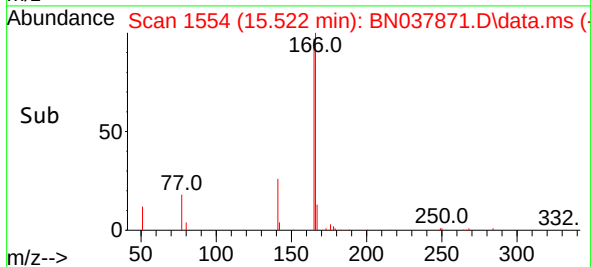
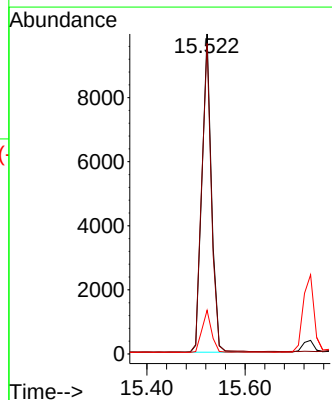
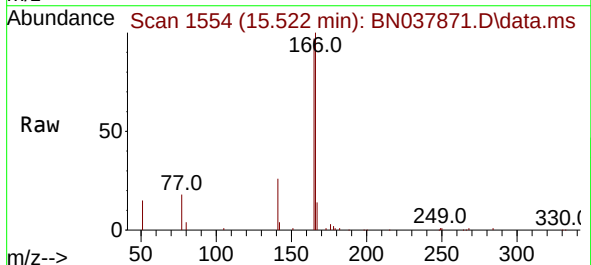
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

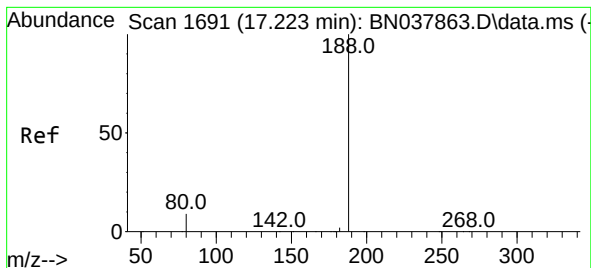
| Tgt Ion | 154   | 153   | 152  |
|---------|-------|-------|------|
| Resp:   | 10658 | 112.3 | 65.4 |
| Ratio   | 100   | 100   | 100  |
| Lower   |       | 90.5  | 51.8 |
| Upper   |       | 135.7 | 77.8 |



#18  
Fluorene  
Concen: 0.385 ng  
RT: 15.522 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

| Tgt Ion | 166   | 165   | 167  |
|---------|-------|-------|------|
| Resp:   | 13226 | 96.2  | 13.4 |
| Ratio   | 100   | 100   | 100  |
| Lower   |       | 79.0  | 10.6 |
| Upper   |       | 118.4 | 16.0 |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

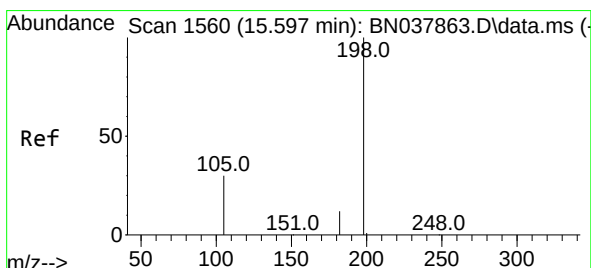
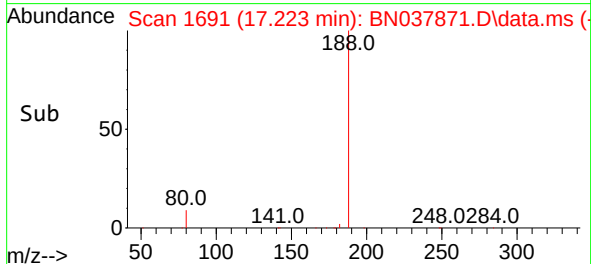
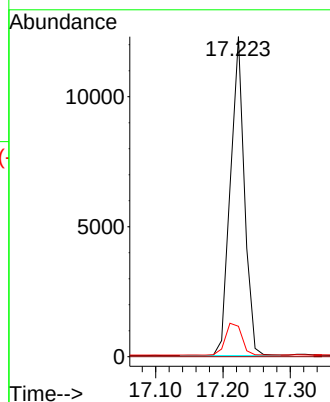
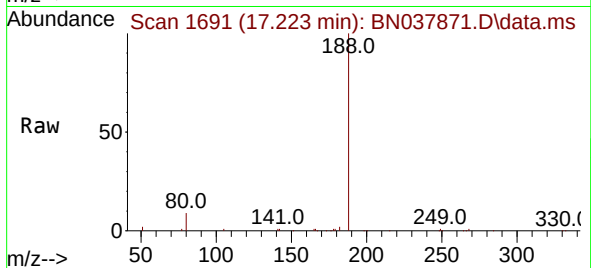
Tgt Ion:188 Resp: 17707

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.373 ng

RT: 15.597 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

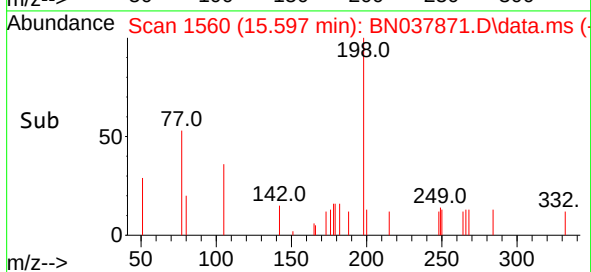
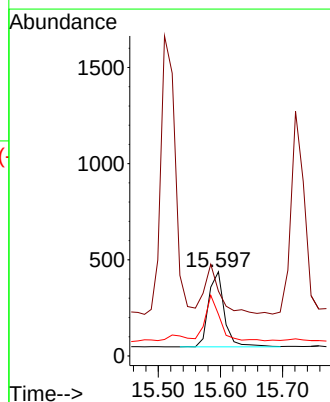
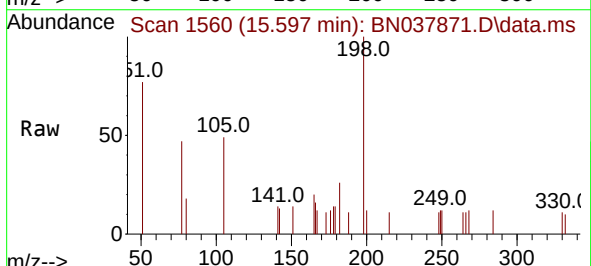
Tgt Ion:198 Resp: 694

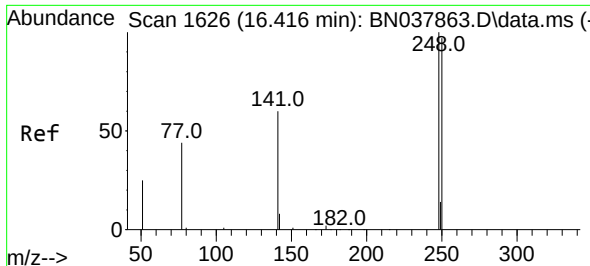
Ion Ratio Lower Upper

198 100

51 76.9 59.1 88.7

105 49.3 41.3 61.9

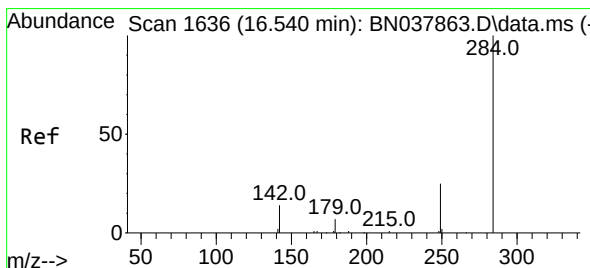
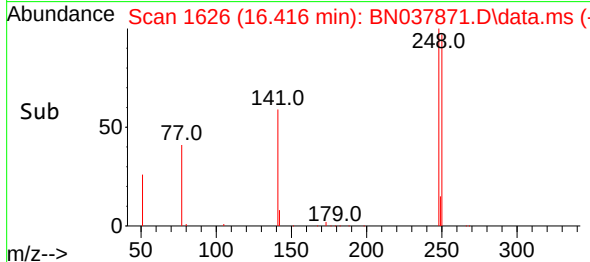
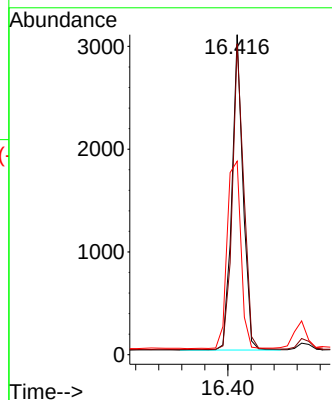
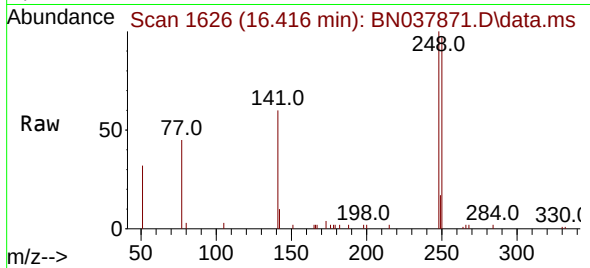




#21  
4-Bromophenyl-phenylether  
Concen: 0.356 ng  
RT: 16.416 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

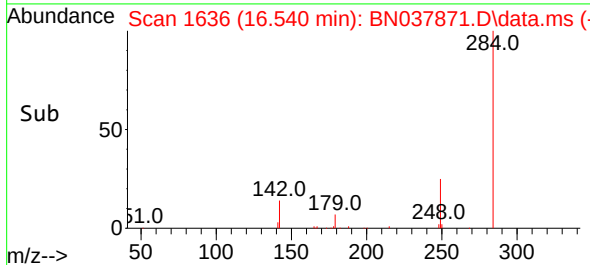
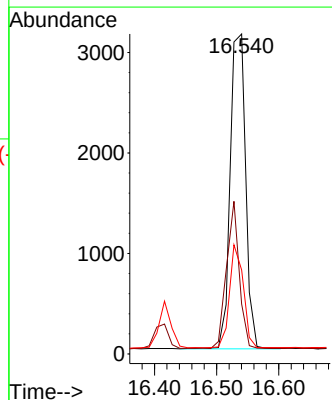
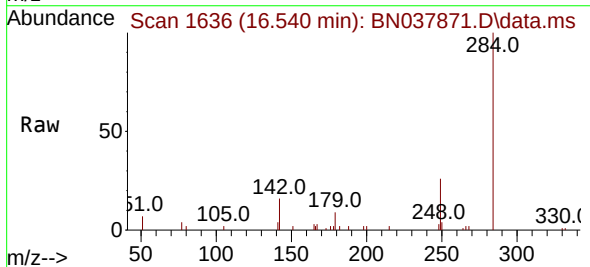
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

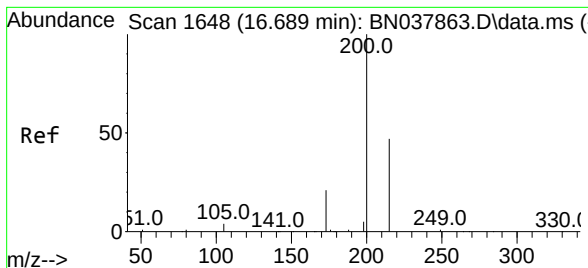
Tgt Ion:248 Resp: 4110  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.6 116.4  
141 60.4 48.8 73.2



#22  
Hexachlorobenzene  
Concen: 0.386 ng  
RT: 16.540 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion:284 Resp: 5400  
Ion Ratio Lower Upper  
284 100  
142 38.6 30.9 46.3  
249 29.2 23.9 35.9





#23

Atrazine

Concen: 0.339 ng

RT: 16.677 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

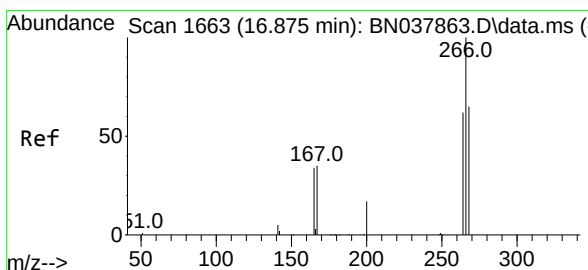
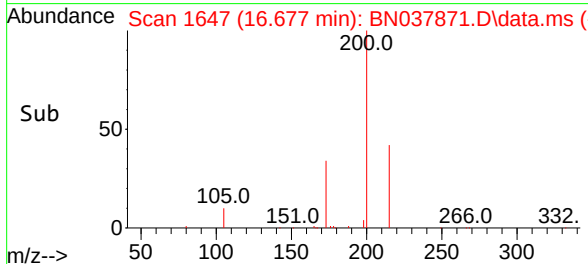
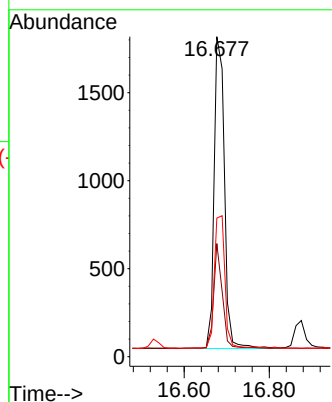
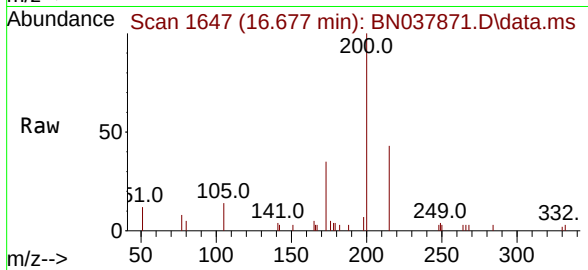
Tgt Ion:200 Resp: 2979

Ion Ratio Lower Upper

200 100

173 35.3 18.3 27.5#

215 43.3 38.6 58.0



#24

Pentachlorophenol

Concen: 0.333 ng

RT: 16.875 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

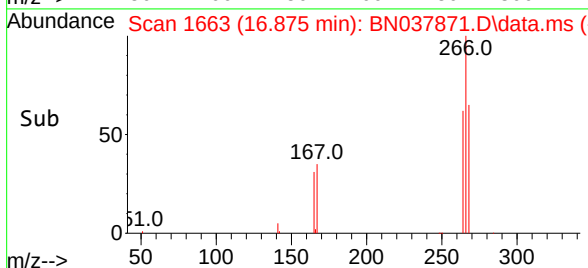
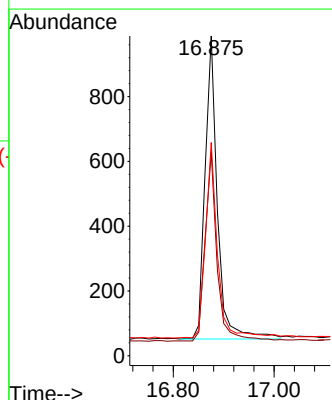
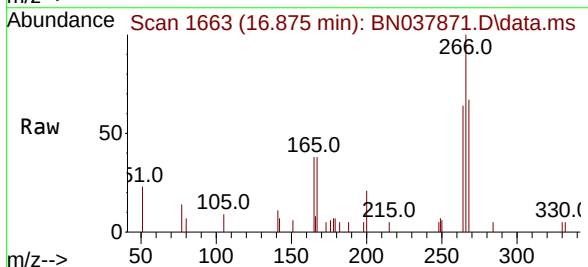
Tgt Ion:266 Resp: 1599

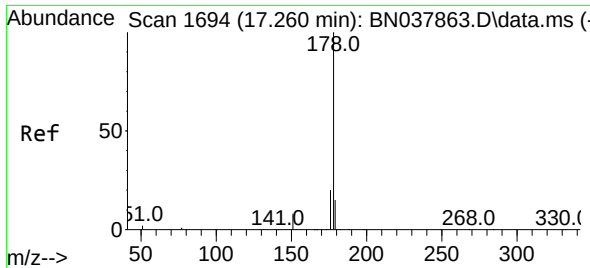
Ion Ratio Lower Upper

266 100

264 60.1 50.9 76.3

268 62.9 54.3 81.5

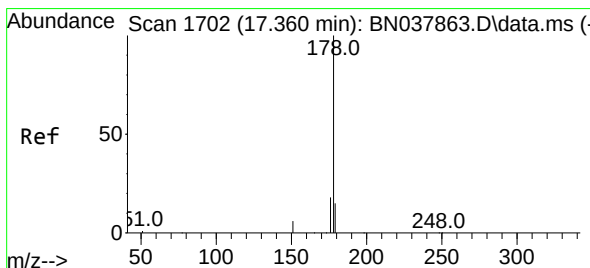
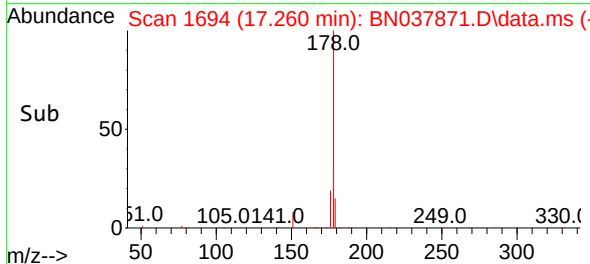
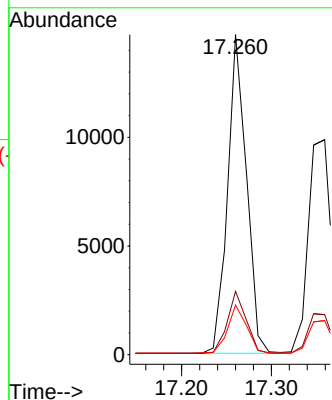
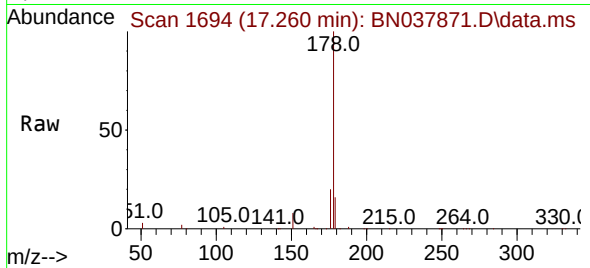




#25  
Phenanthrene  
Concen: 0.367 ng  
RT: 17.260 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

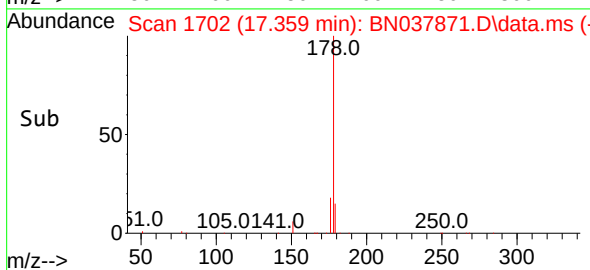
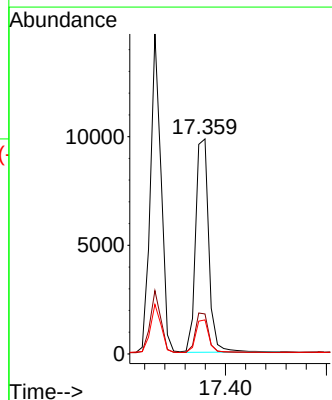
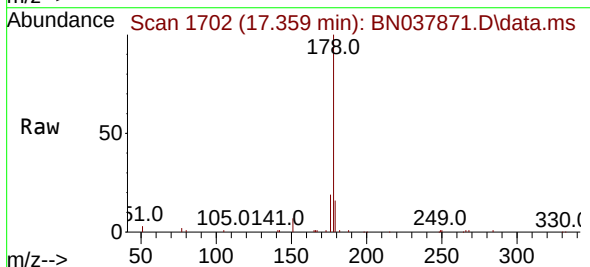
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

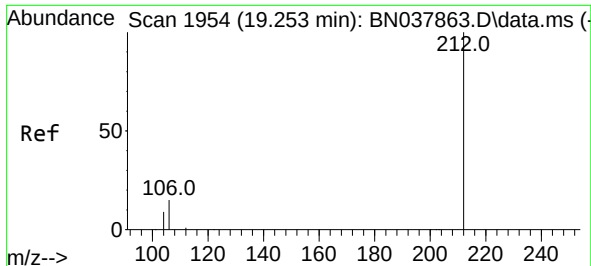
Tgt Ion:178 Resp: 21385  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.1 12.3 18.5



#26  
Anthracene  
Concen: 0.352 ng  
RT: 17.359 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion:178 Resp: 17791  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.1 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.252 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

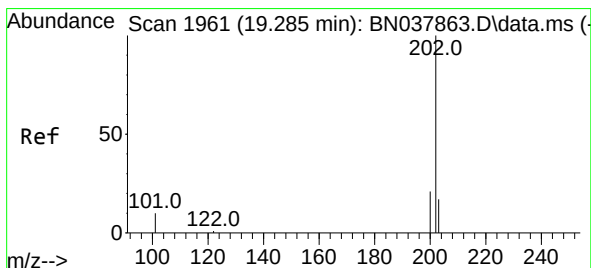
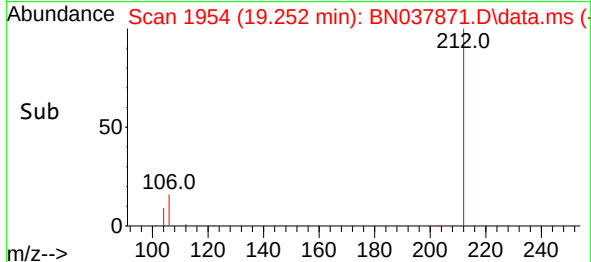
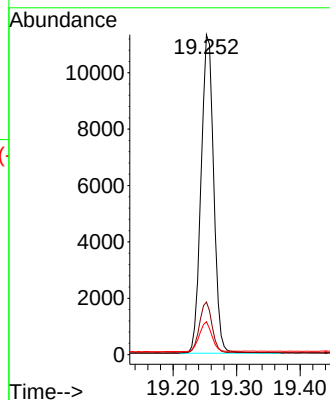
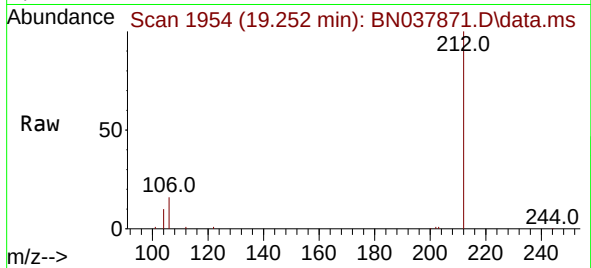
Tgt Ion:212 Resp: 15676

Ion Ratio Lower Upper

212 100

106 15.9 12.6 19.0

104 9.1 7.4 11.0



#28

Fluoranthene

Concen: 0.359 ng

RT: 19.285 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

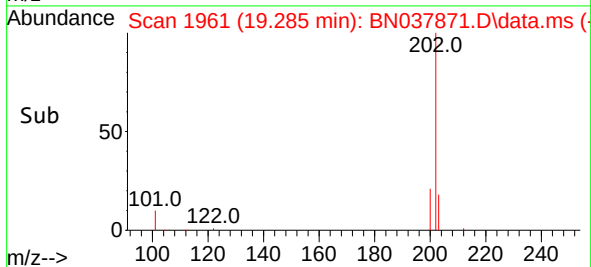
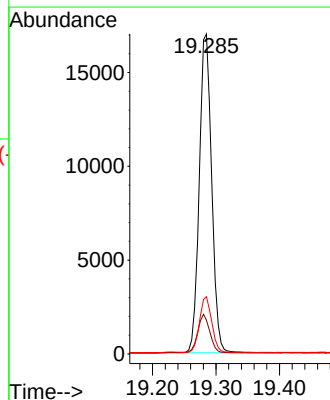
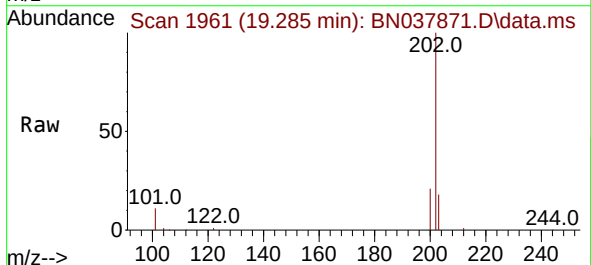
Tgt Ion:202 Resp: 23036

Ion Ratio Lower Upper

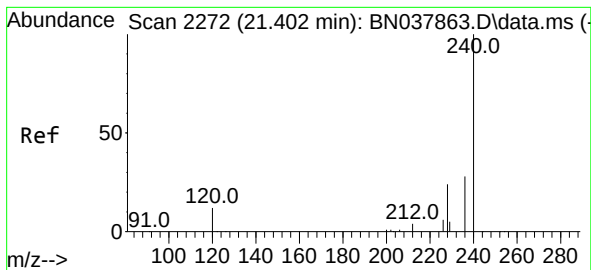
202 100

101 12.0 9.3 13.9

203 17.3 13.6 20.4







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

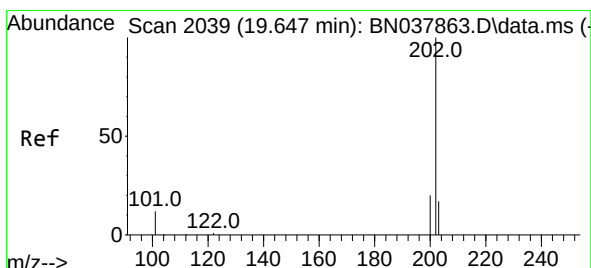
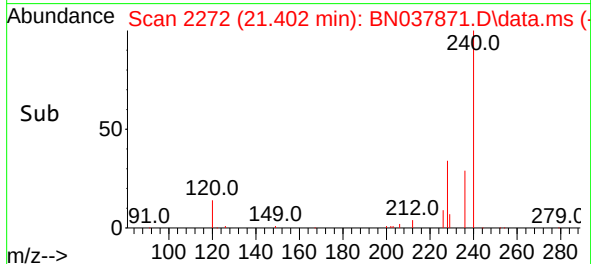
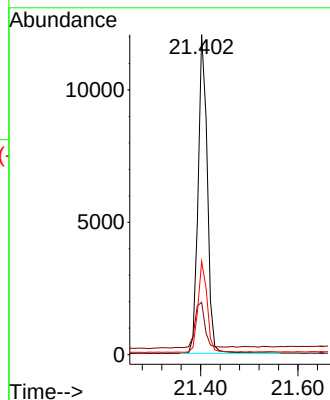
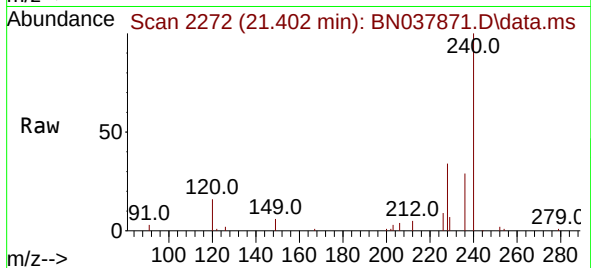
Tgt Ion:240 Resp: 15660

Ion Ratio Lower Upper

240 100

120 16.3 11.4 17.2

236 29.1 23.0 34.6



#30

Pyrene

Concen: 0.367 ng

RT: 19.647 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

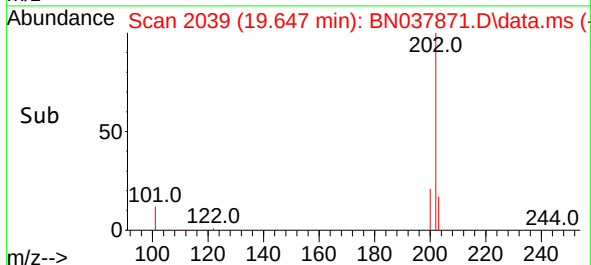
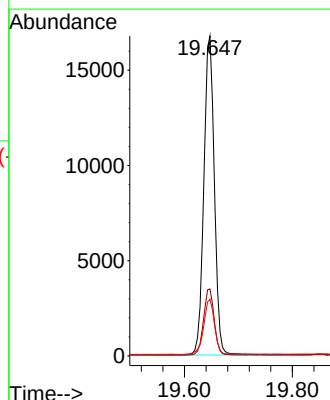
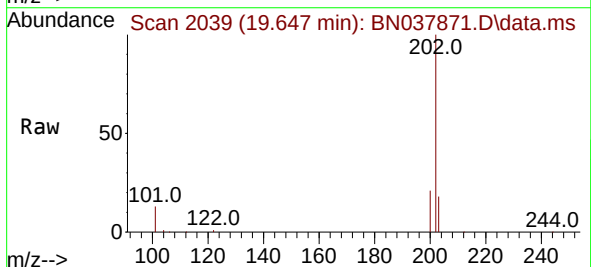
Tgt Ion:202 Resp: 22662

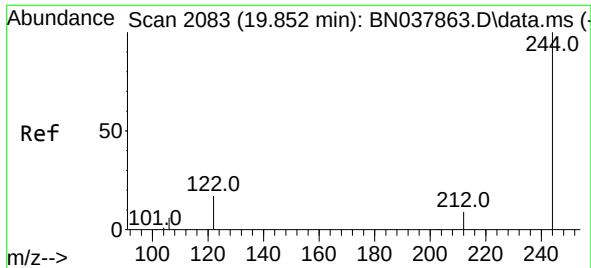
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.2 21.4

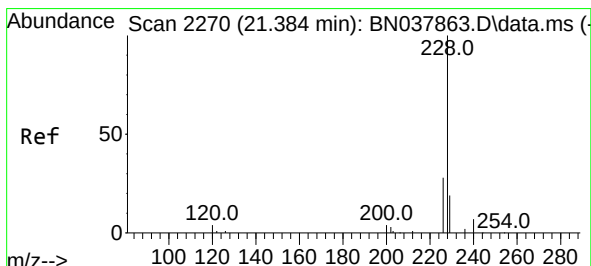
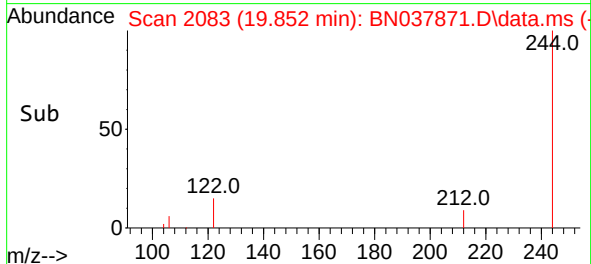
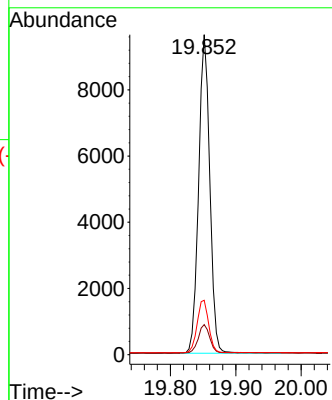
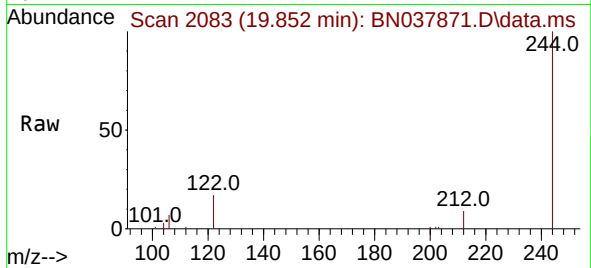




#31  
 Terphenyl-d14  
 Concen: 0.364 ng  
 RT: 19.852 min Scan# 2083  
 Delta R.T. -0.000 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

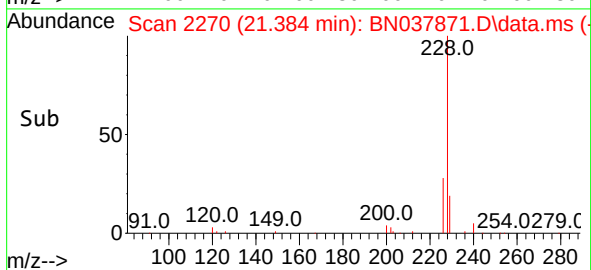
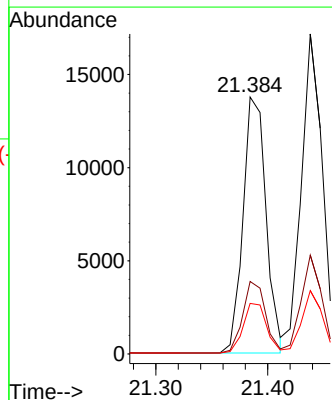
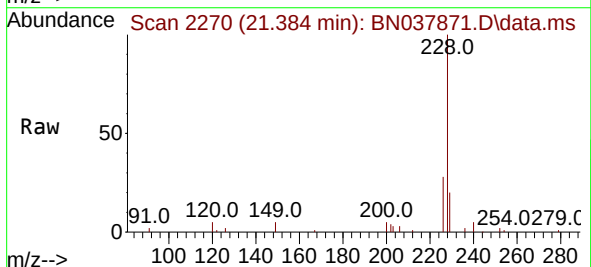
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

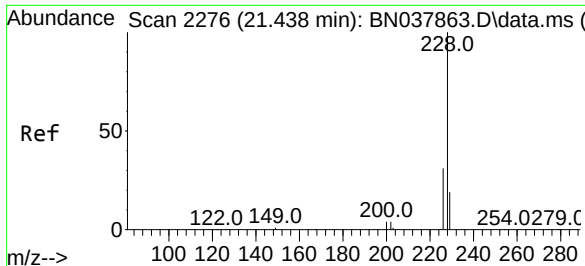
Tgt Ion:244 Resp: 11356  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.6 11.4  
 122 17.0 13.9 20.9



#32  
 Benzo(a)anthracene  
 Concen: 0.360 ng  
 RT: 21.384 min Scan# 2270  
 Delta R.T. -0.000 min  
 Lab File: BN037871.D  
 Acq: 24 Sep 2025 09:54

Tgt Ion:228 Resp: 19693  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 22.6 33.8  
 229 19.7 15.6 23.4





#33

Chrysene

Concen: 0.384 ng

RT: 21.438 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

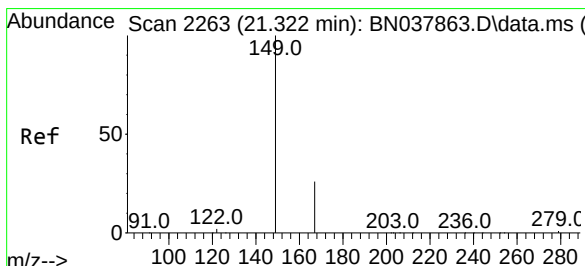
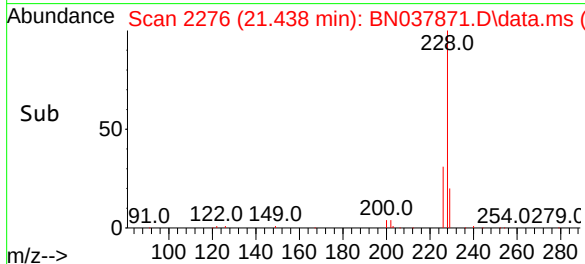
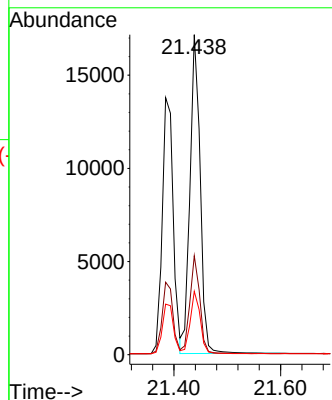
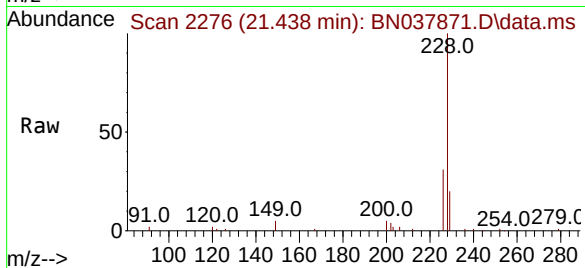
Tgt Ion:228 Resp: 22733

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 19.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.330 min Scan# 2264

Delta R.T. 0.009 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

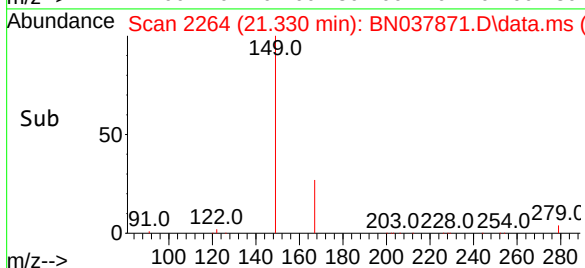
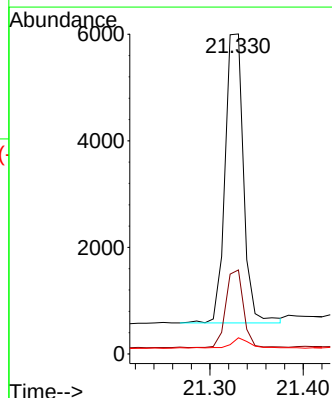
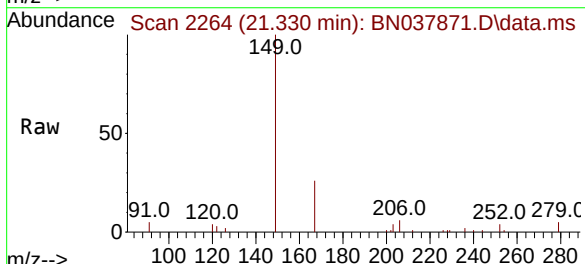
Tgt Ion:149 Resp: 7423

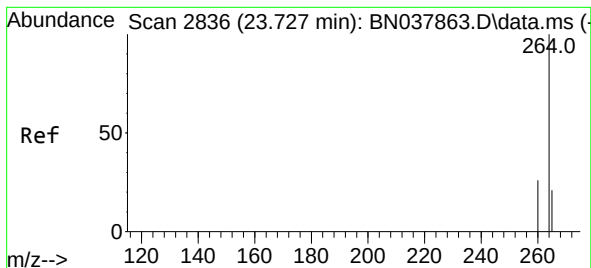
Ion Ratio Lower Upper

149 100

167 25.8 20.4 30.6

279 3.5 2.4 3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.735 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

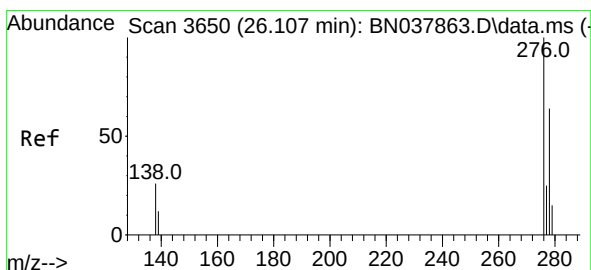
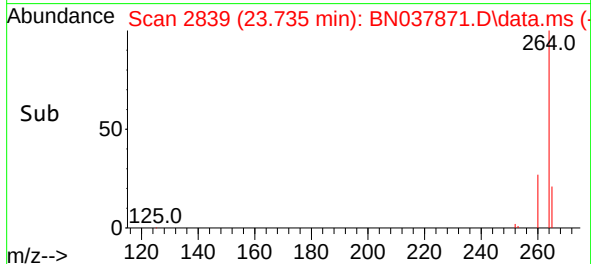
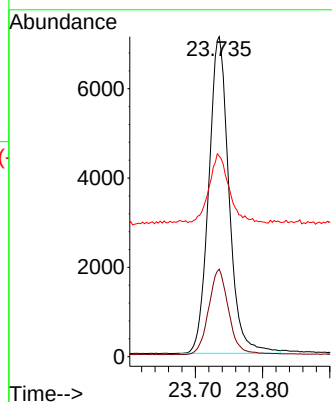
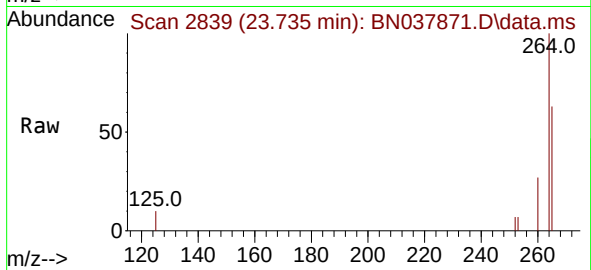
Tgt Ion:264 Resp: 14846

Ion Ratio Lower Upper

264 100

260 27.3 21.5 32.3

265 62.7 53.8 80.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng

RT: 26.109 min Scan# 3651

Delta R.T. 0.003 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

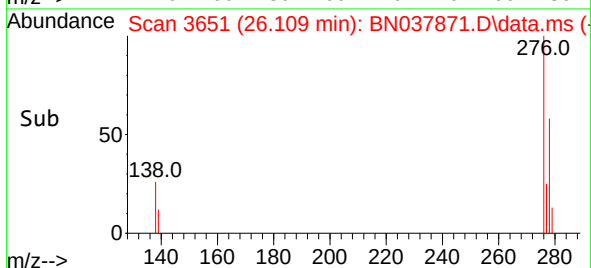
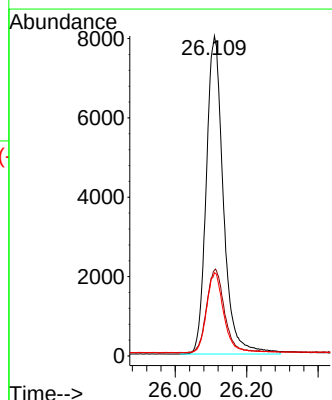
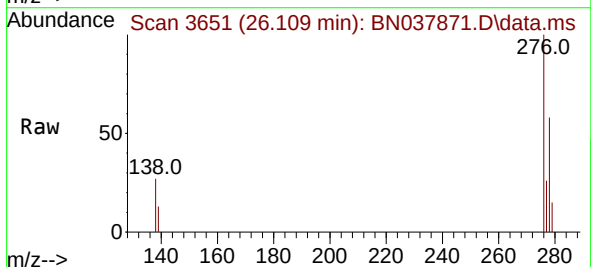
Tgt Ion:276 Resp: 26646

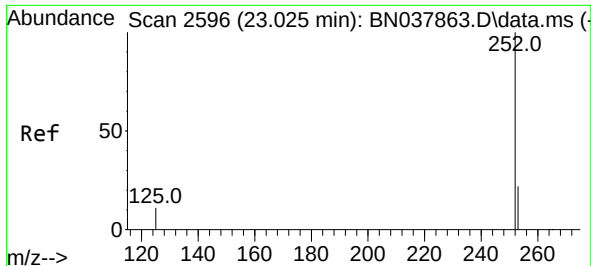
Ion Ratio Lower Upper

276 100

138 27.2 21.4 32.0

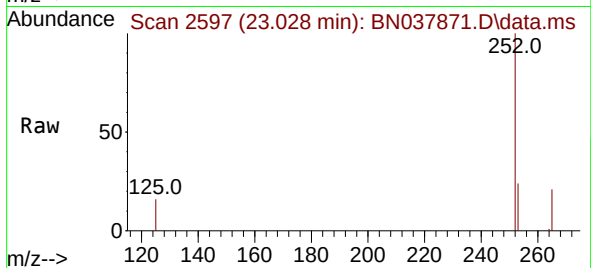
277 25.1 20.3 30.5



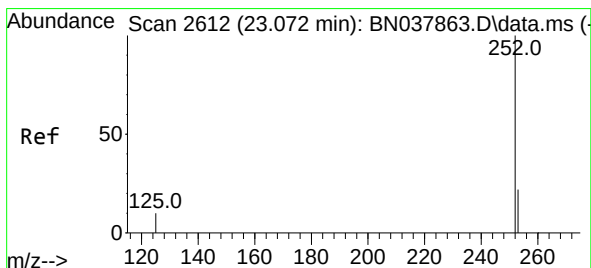
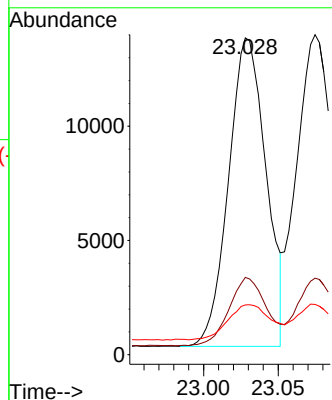


#37  
Benzo(b)fluoranthene  
Concen: 0.368 ng  
RT: 23.028 min Scan# 2596  
Delta R.T. 0.003 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

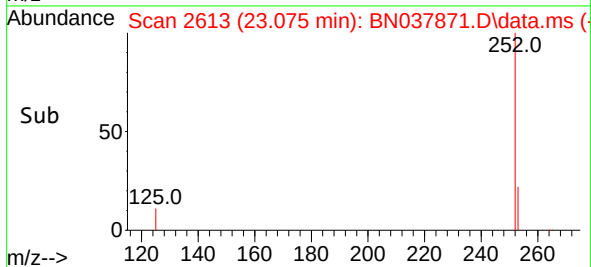
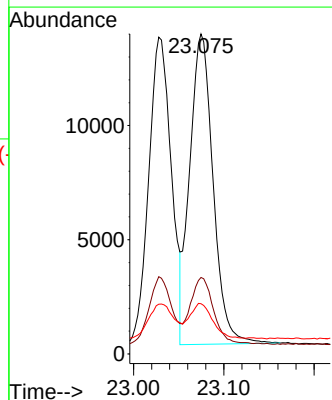
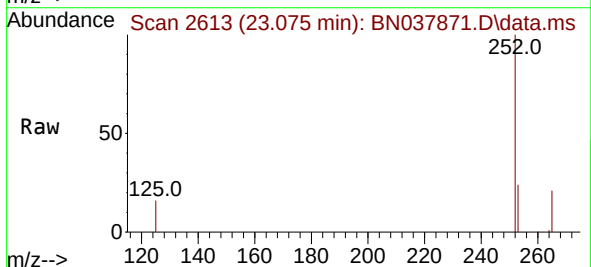


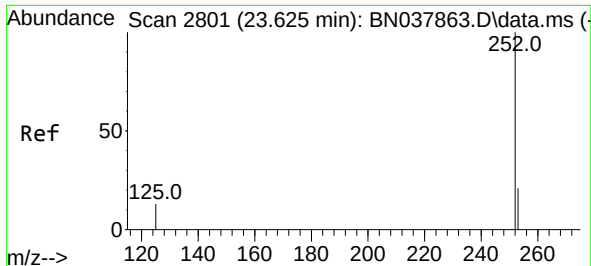
Tgt Ion:252 Resp: 23575  
Ion Ratio Lower Upper  
252 100  
253 24.4 19.4 29.0  
125 15.7 13.0 19.4



#38  
Benzo(k)fluoranthene  
Concen: 0.379 ng  
RT: 23.075 min Scan# 2613  
Delta R.T. 0.003 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Tgt Ion:252 Resp: 24415  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.5 29.3  
125 15.7 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.630 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

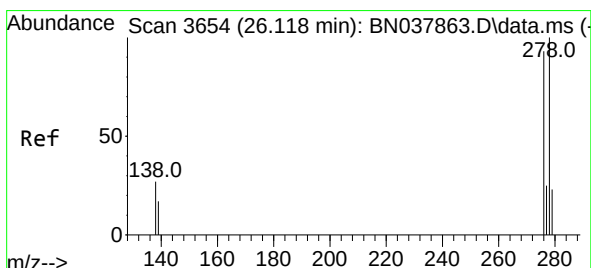
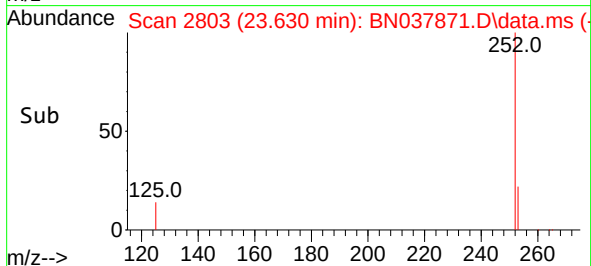
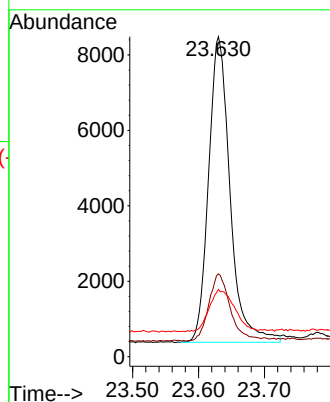
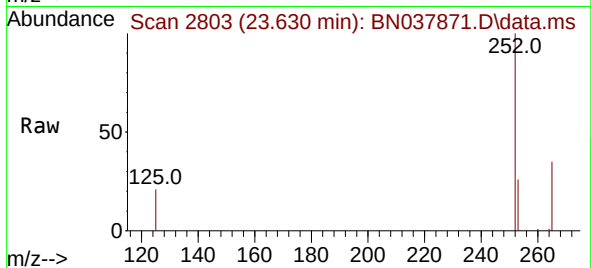
Tgt Ion:252 Resp: 18325

Ion Ratio Lower Upper

252 100

253 25.9 20.6 30.8

125 21.1 16.7 25.1



#40

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 26.124 min Scan# 3656

Delta R.T. 0.006 min

Lab File: BN037871.D

Acq: 24 Sep 2025 09:54

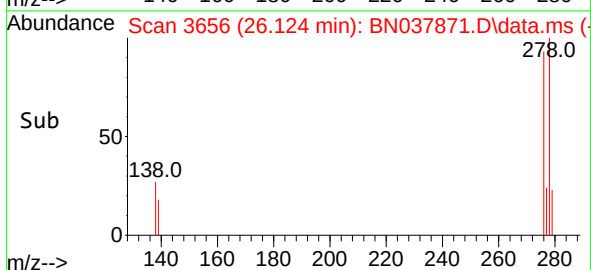
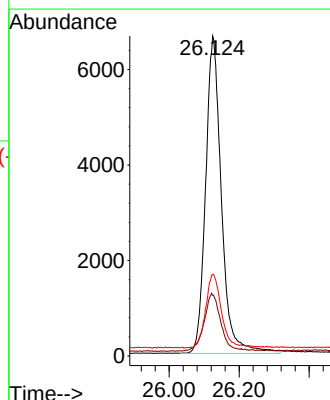
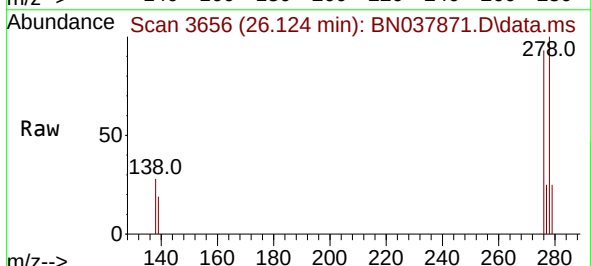
Tgt Ion:278 Resp: 20887

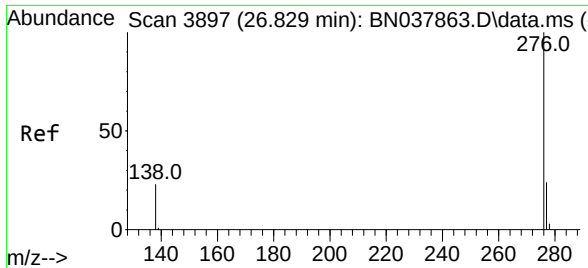
Ion Ratio Lower Upper

278 100

139 19.0 15.4 23.2

279 25.5 20.8 31.2





#41  
Benzo(g,h,i)perylene  
Concen: 0.391 ng  
RT: 26.835 min Scan# 3899  
Delta R.T. 0.006 min  
Lab File: BN037871.D  
Acq: 24 Sep 2025 09:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 21736 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 23.8  | 20.2  | 30.4  |
| 138       | 24.1  | 19.8  | 29.8  |

