

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081225\  
 Data File : BN037585.D  
 Acq On : 12 Aug 2025 20:42  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN081225

Quant Time: Aug 13 05:03:37 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

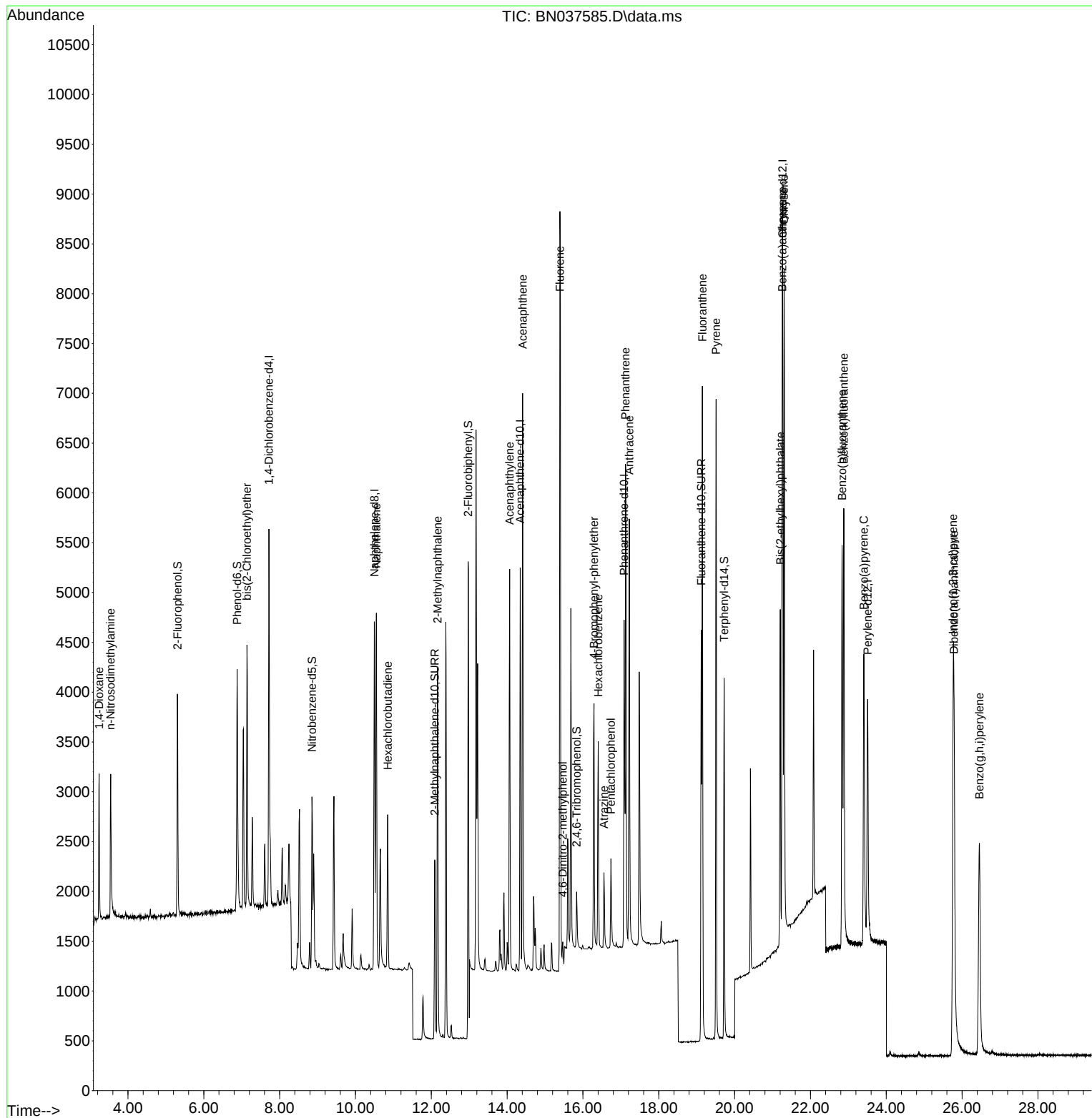
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 1850     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 4517     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2241     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.087 | 188  | 4564     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.268 | 240  | 4001     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.511 | 264  | 3490     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 1785     | 0.426 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.880  | 99   | 2272     | 0.450 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1408     | 0.443 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.091 | 152  | 2611     | 0.425 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 358      | 0.365 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 5746     | 0.443 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 4866     | 0.405 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.727 | 244  | 3884     | 0.472 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.240  | 88   | 889      | 0.502 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 1054     | 0.466 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.140  | 93   | 1993     | 0.438 | ng    | 99       |
| 9) Naphthalene                | 10.552 | 128  | 4985     | 0.415 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.851 | 225  | 1259     | 0.429 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.167 | 142  | 2809     | 0.372 | ng    | 98       |
| 16) Acenaphthylene            | 14.067 | 152  | 4504     | 0.448 | ng    | 99       |
| 17) Acenaphthene              | 14.409 | 154  | 2768     | 0.405 | ng    | 99       |
| 18) Fluorene                  | 15.393 | 166  | 3592     | 0.402 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 209      | 0.433 | ng    | 97       |
| 21) 4-Bromophenyl-phenylether | 16.292 | 248  | 1147     | 0.400 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.404 | 284  | 1702     | 0.419 | ng    | 99       |
| 23) Atrazine                  | 16.553 | 200  | 681      | 0.420 | ng    | 98       |
| 24) Pentachlorophenol         | 16.739 | 266  | 484      | 0.339 | ng    | 96       |
| 25) Phenanthrene              | 17.124 | 178  | 5612     | 0.404 | ng    | 100      |
| 26) Anthracene                | 17.223 | 178  | 4939     | 0.402 | ng    | 99       |
| 28) Fluoranthene              | 19.150 | 202  | 6097     | 0.382 | ng    | 100      |
| 30) Pyrene                    | 19.513 | 202  | 5925     | 0.396 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 5497     | 0.411 | ng    | 100      |
| 33) Chrysene                  | 21.304 | 228  | 6035     | 0.405 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 2306     | 0.418 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.765 | 276  | 6028     | 0.410 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.835 | 252  | 5410     | 0.409 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.879 | 252  | 6026     | 0.404 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.408 | 252  | 4761     | 0.434 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.788 | 278  | 4571     | 0.401 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.458 | 276  | 4888     | 0.407 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

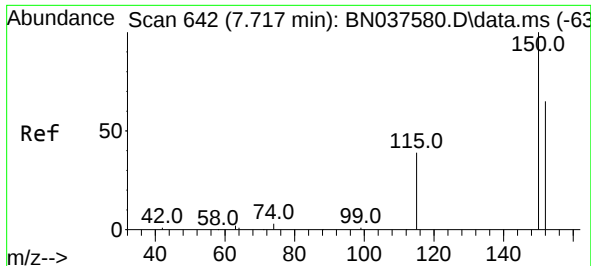
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081225\  
Data File : BN037585.D  
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Sample : SSTDICV0.4  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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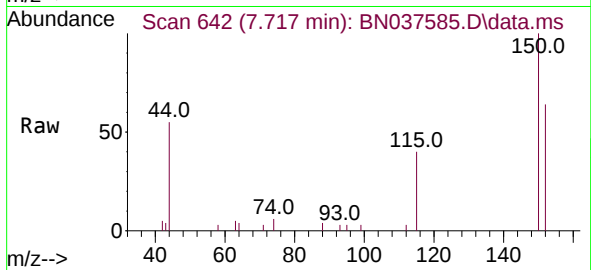
Quant Time: Aug 13 05:03:37 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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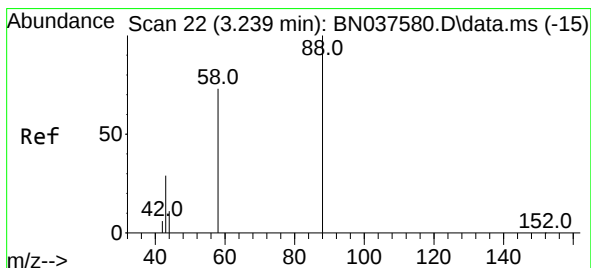
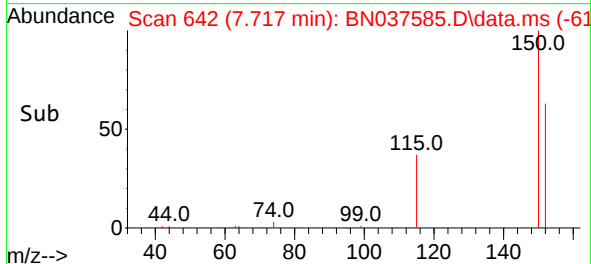
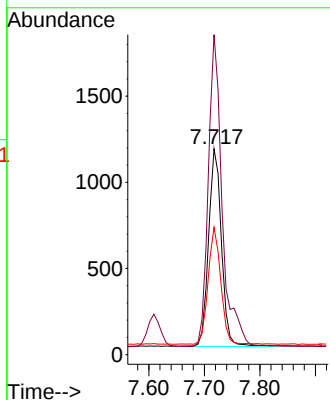


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.717 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

Instrument :  
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 ClientSampleId :  
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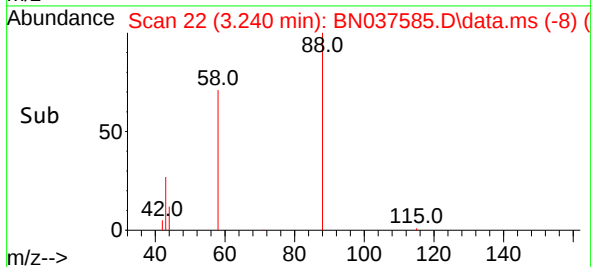
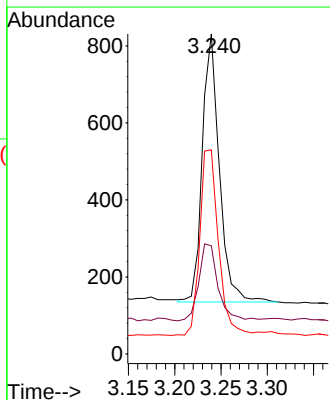
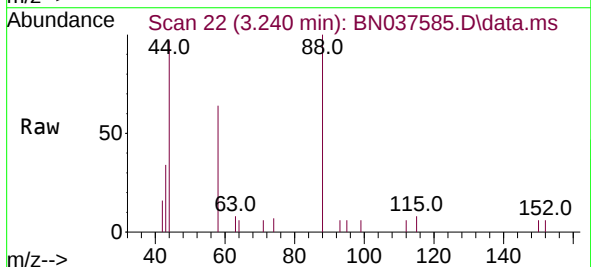


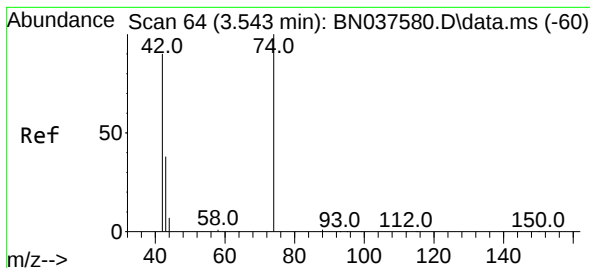
Tgt Ion:152 Resp: 1850  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 122.2 183.4  
 115 61.8 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 0.502 ng  
 RT: 3.240 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

Tgt Ion: 88 Resp: 889  
 Ion Ratio Lower Upper  
 88 100  
 43 32.6 25.8 38.6  
 58 76.0 61.2 91.8





#3

n-Nitrosodimethylamine

Concen: 0.466 ng

RT: 3.543 min Scan# 64

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

Instrument :

BNA\_N

ClientSampleId :

ICVBN081225

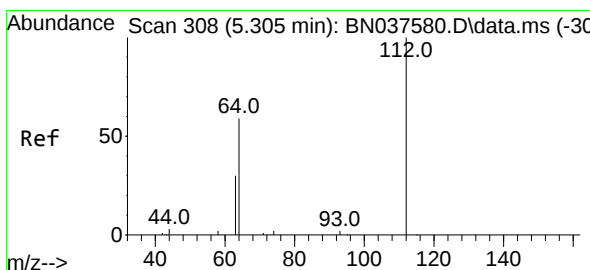
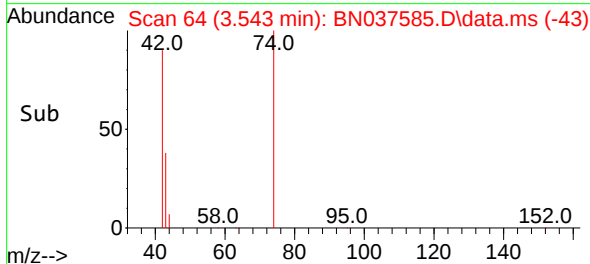
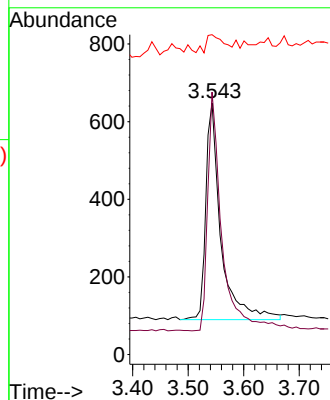
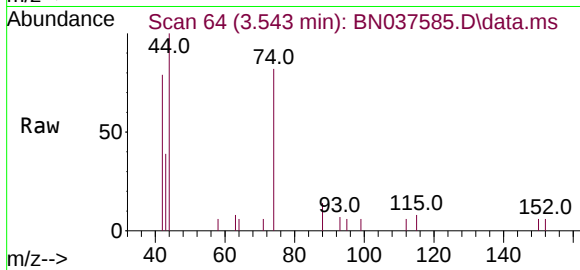
Tgt Ion: 42 Resp: 1054

Ion Ratio Lower Upper

42 100

74 104.6 82.0 123.0

44 9.7 7.9 11.9



#4

2-Fluorophenol

Concen: 0.426 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

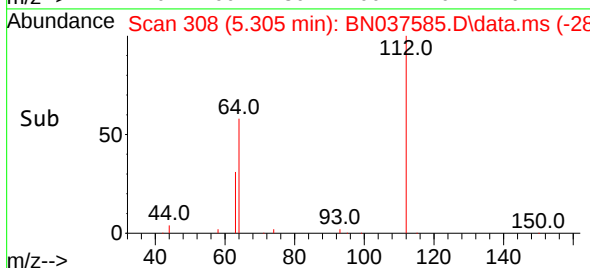
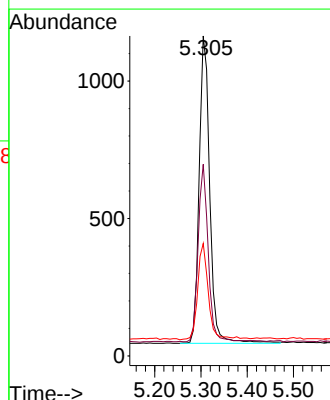
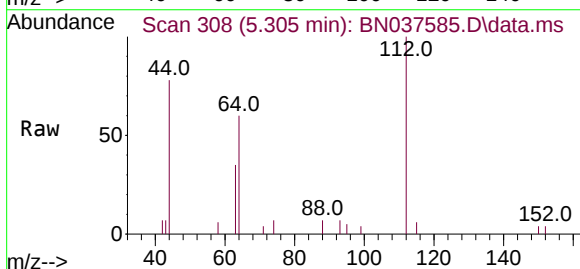
Tgt Ion: 112 Resp: 1785

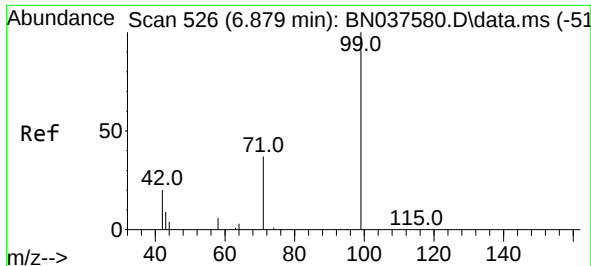
Ion Ratio Lower Upper

112 100

64 55.4 44.9 67.3

63 31.3 23.4 35.2

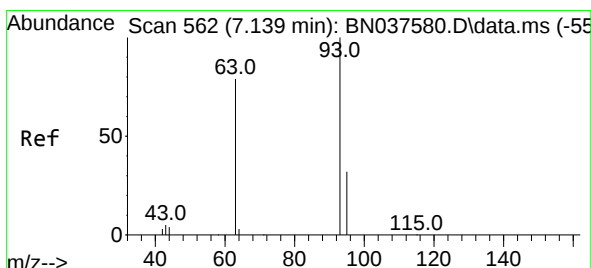
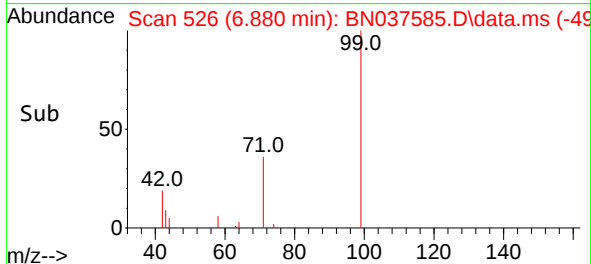
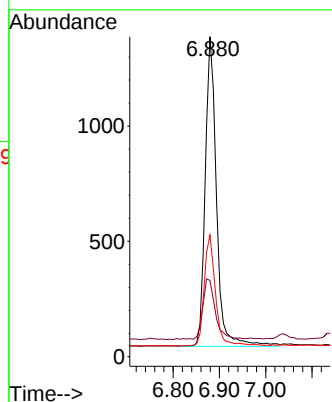
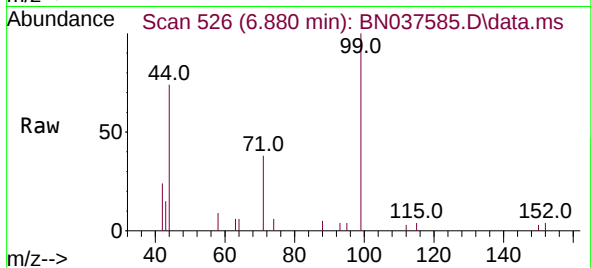




#5  
Phenol-d6  
Concen: 0.450 ng  
RT: 6.880 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

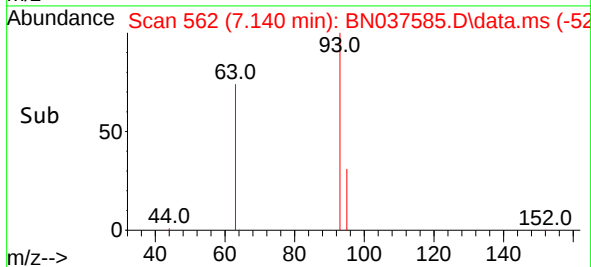
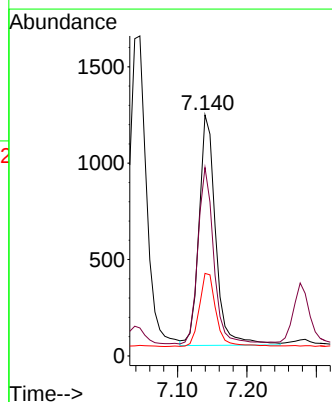
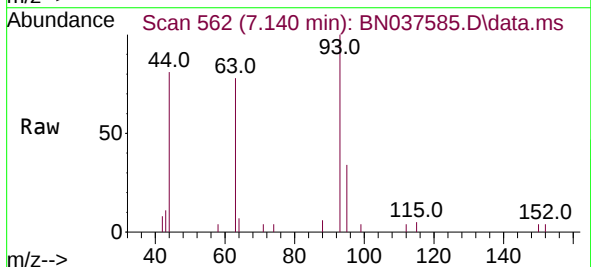
Instrument :  
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ClientSampleId :  
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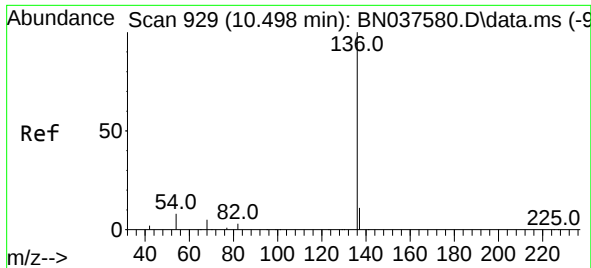
Tgt Ion: 99 Resp: 2272  
Ion Ratio Lower Upper  
99 100  
42 21.9 18.5 27.7  
71 35.6 28.6 42.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.438 ng  
RT: 7.140 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion: 93 Resp: 1993  
Ion Ratio Lower Upper  
93 100  
63 72.5 58.0 87.0  
95 32.1 24.9 37.3

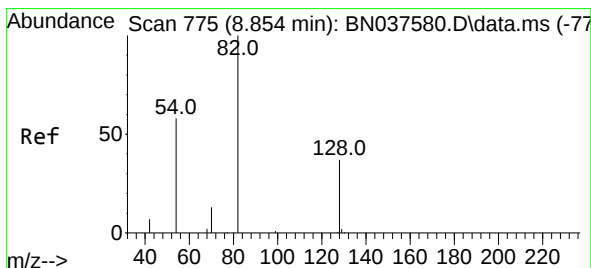
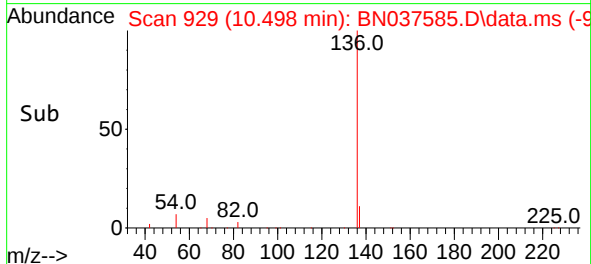
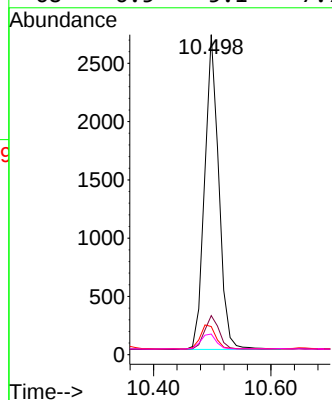
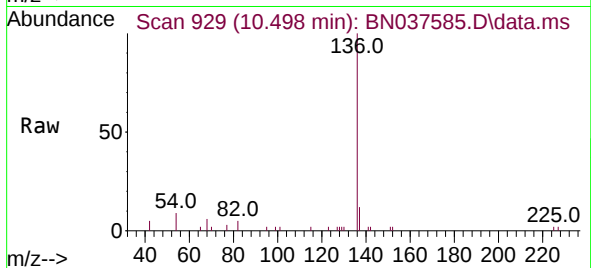




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

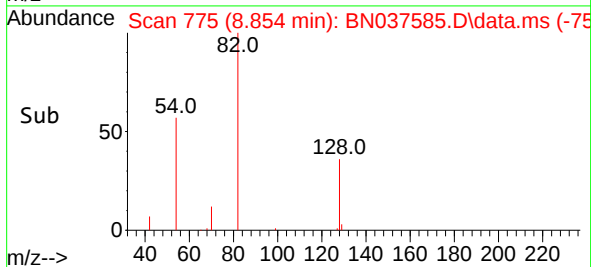
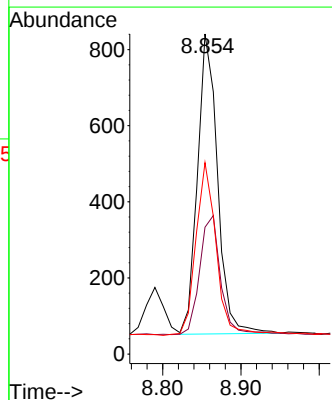
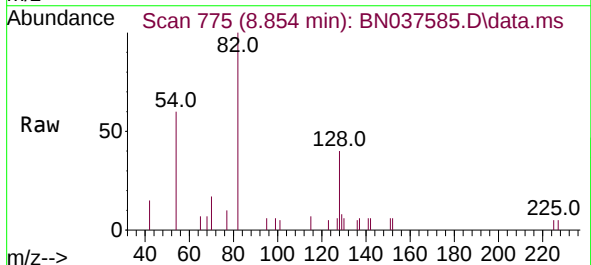
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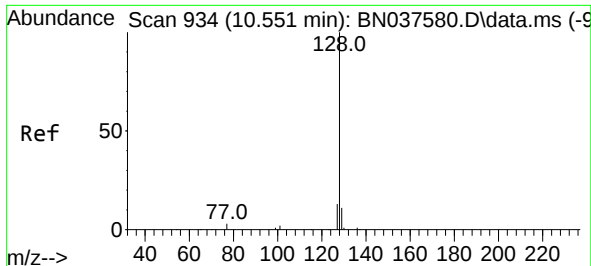
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4517  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.5   | 14.3  |
| 54       | 8.8   | 7.3   | 10.9  |
| 68       | 6.5   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.443 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1408  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.6  | 32.6  | 48.8  |
| 54       | 59.8  | 48.9  | 73.3  |

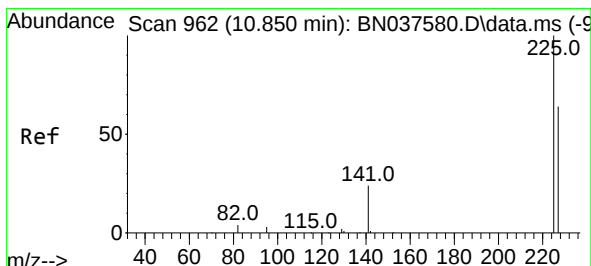
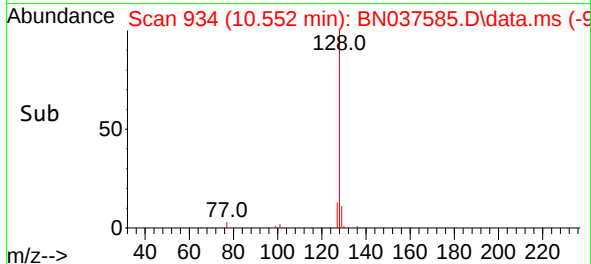
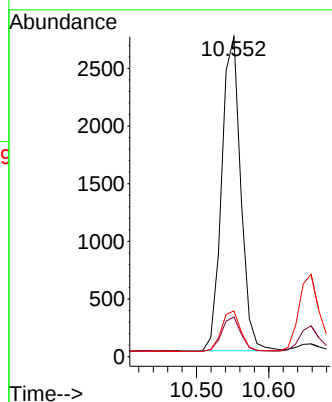
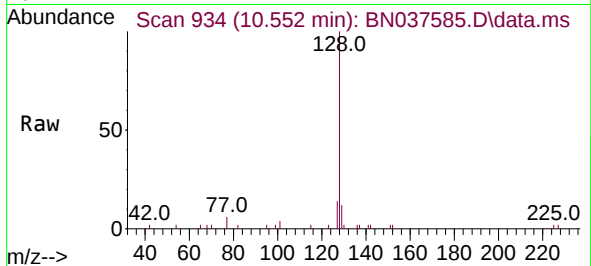




#9  
Naphthalene  
Concen: 0.415 ng  
RT: 10.552 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

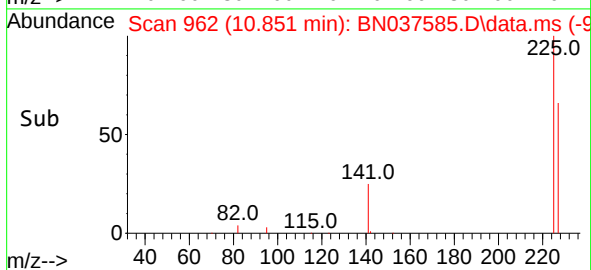
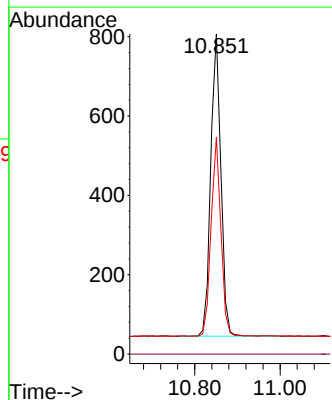
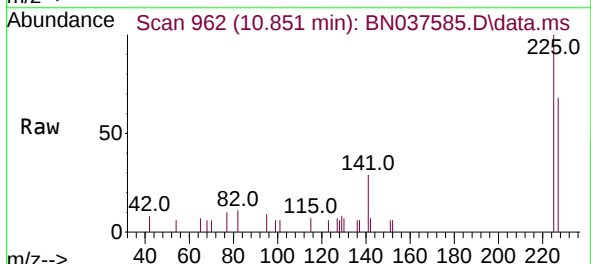
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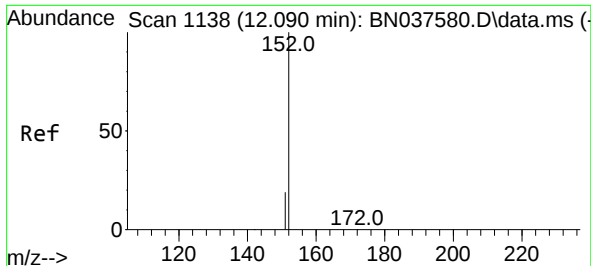
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4985  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.4  | 9.8   | 14.6  |
| 127      | 14.3  | 11.5  | 17.3  |



#10  
Hexachlorobutadiene  
Concen: 0.429 ng  
RT: 10.851 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1259  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.4  | 50.8  | 76.2  |

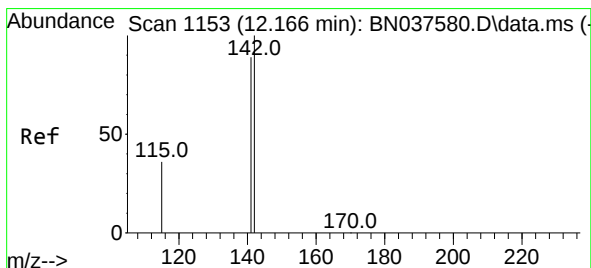
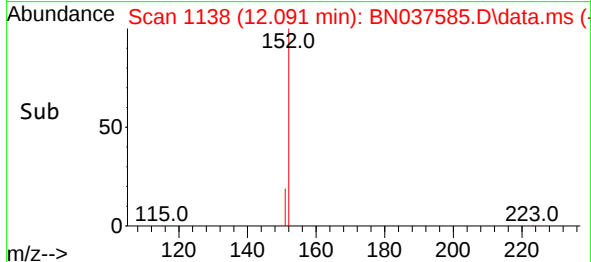
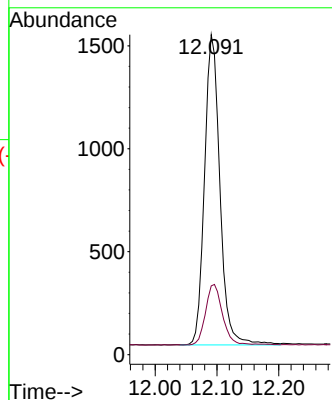
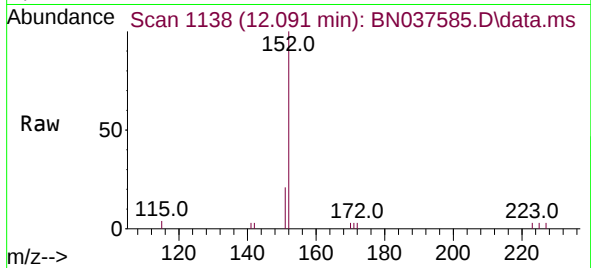




#11  
2-Methylnaphthalene-d10  
Concen: 0.425 ng  
RT: 12.091 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

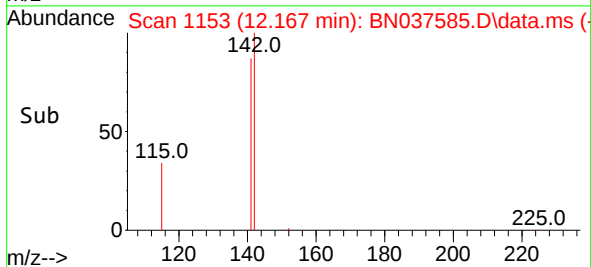
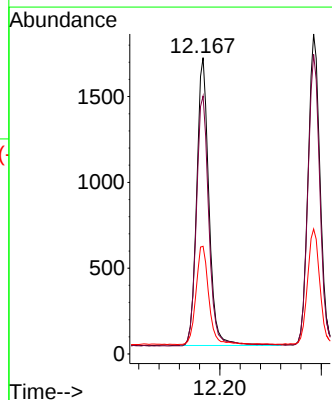
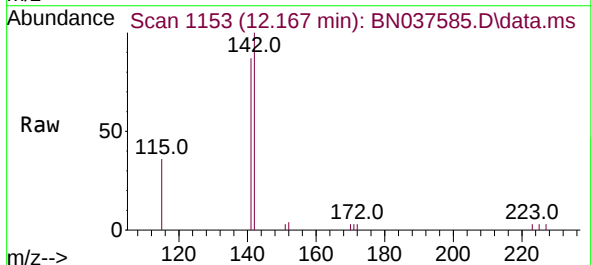
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

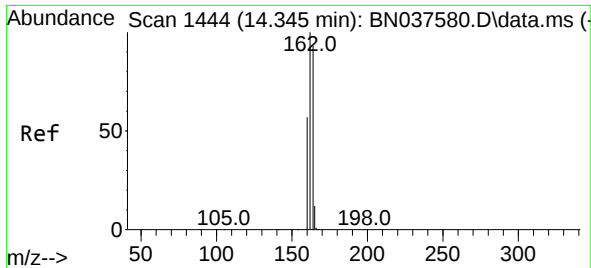
Tgt Ion:152 Resp: 2611  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.3 25.9



#12  
2-Methylnaphthalene  
Concen: 0.372 ng  
RT: 12.167 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:142 Resp: 2809  
Ion Ratio Lower Upper  
142 100  
141 87.0 71.4 107.0  
115 36.4 30.2 45.4

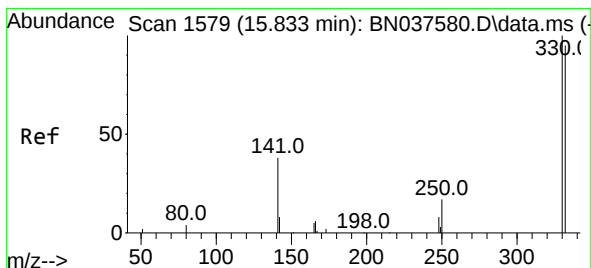
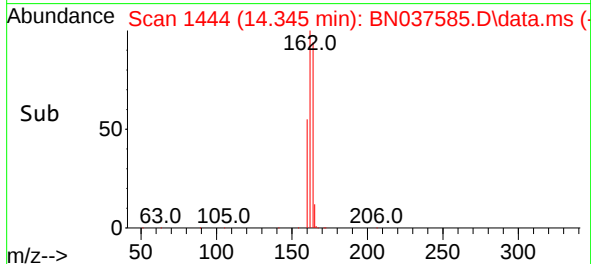
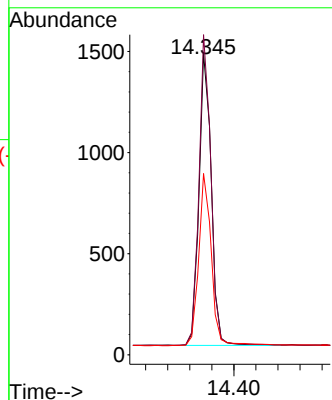
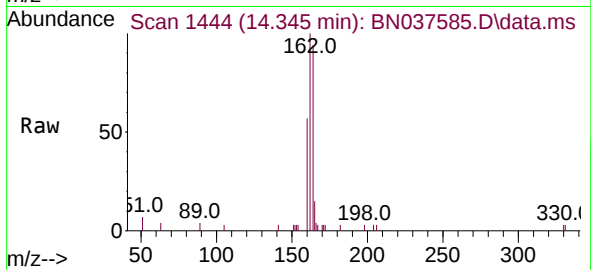




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

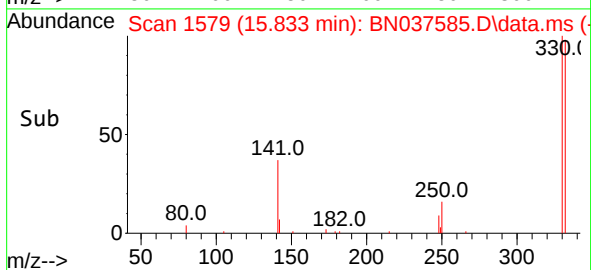
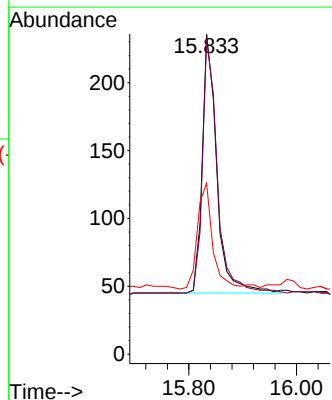
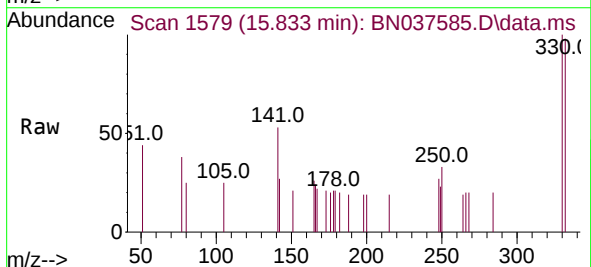
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

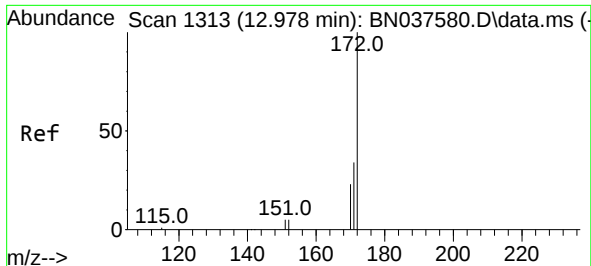
Tgt Ion:164 Resp: 2241  
Ion Ratio Lower Upper  
164 100  
162 106.2 85.5 128.3  
160 60.1 49.5 74.3



#14  
2,4,6-Tribromophenol  
Concen: 0.365 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:330 Resp: 358  
Ion Ratio Lower Upper  
330 100  
332 99.7 77.4 116.0  
141 42.7 30.9 46.3

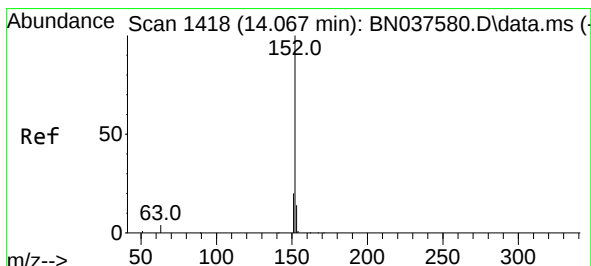
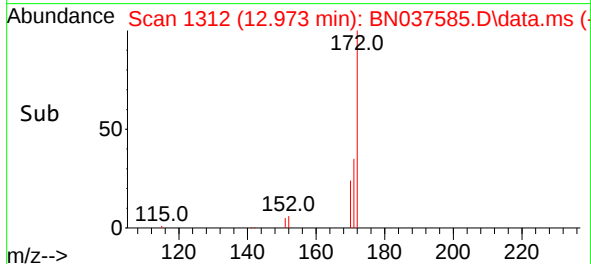
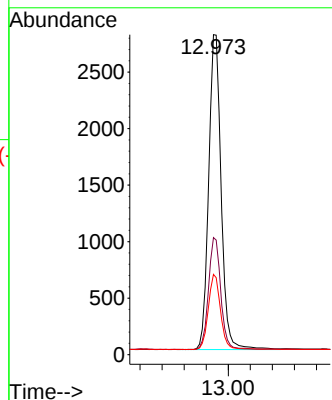
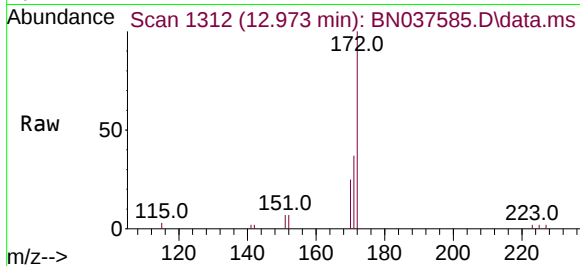




#15  
2-Fluorobiphenyl  
Concen: 0.443 ng  
RT: 12.973 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

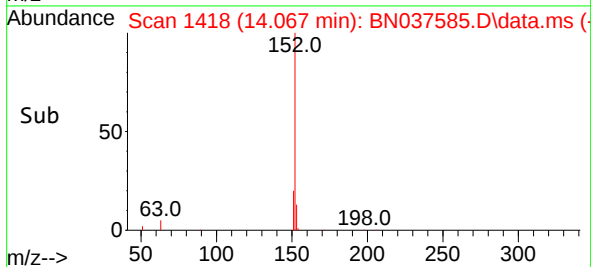
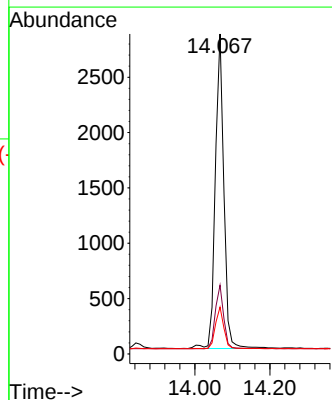
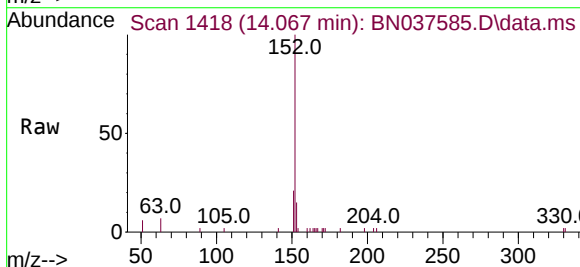
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

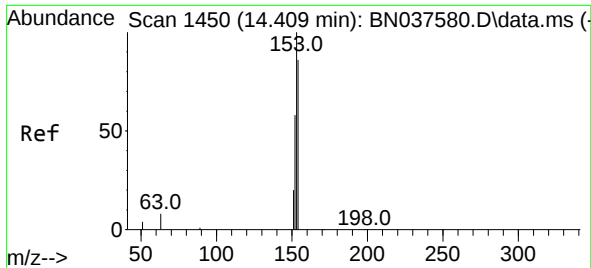
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 5746  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.6  | 28.2  | 42.4  |
| 170      | 25.1  | 19.2  | 28.8  |



#16  
Acenaphthylene  
Concen: 0.448 ng  
RT: 14.067 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4504  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.9  | 16.1  | 24.1  |
| 153      | 13.1  | 10.7  | 16.1  |

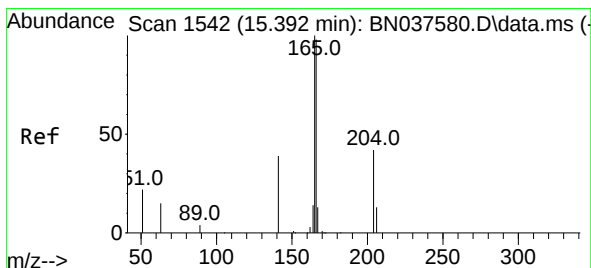
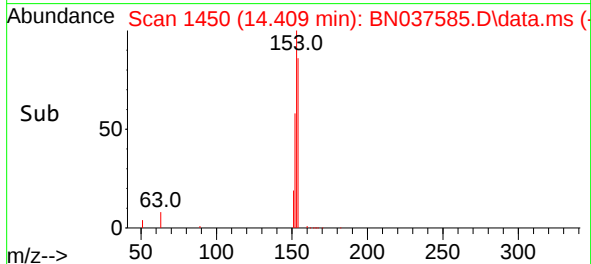
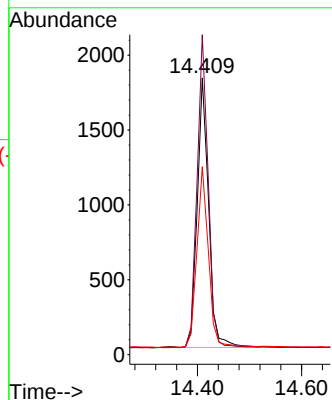
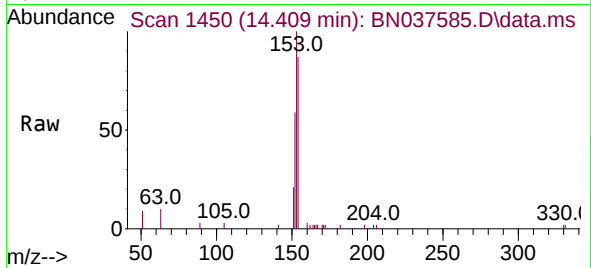




#17  
Acenaphthene  
Concen: 0.405 ng  
RT: 14.409 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

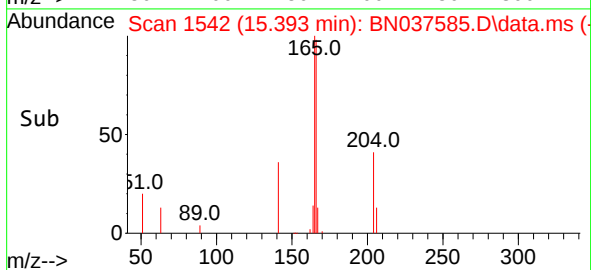
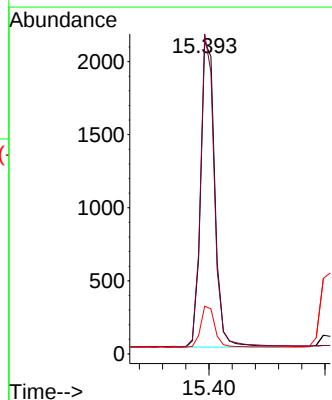
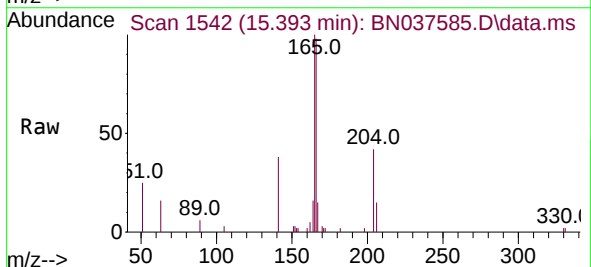
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

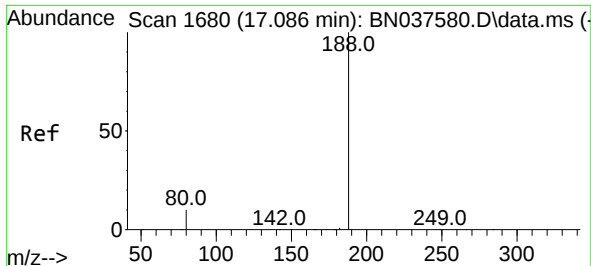
Tgt Ion:154 Resp: 2768  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.6 135.8  
152 67.8 54.9 82.3



#18  
Fluorene  
Concen: 0.402 ng  
RT: 15.393 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:166 Resp: 3592  
Ion Ratio Lower Upper  
166 100  
165 100.0 78.9 118.3  
167 14.0 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

Instrument :

BNA\_N

ClientSampleId :

ICVBN081225

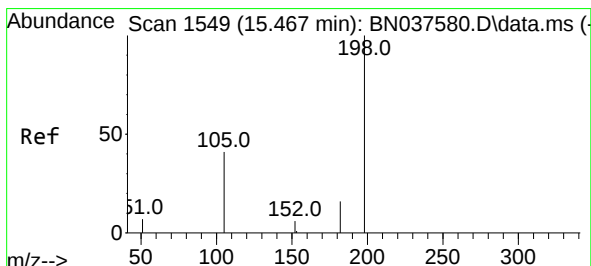
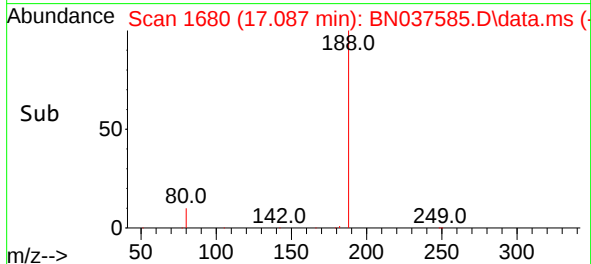
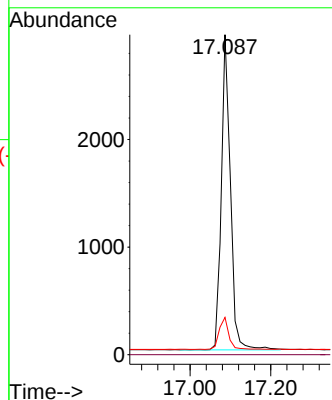
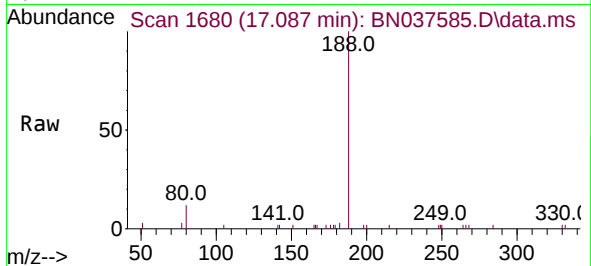
Tgt Ion:188 Resp: 4564

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.433 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

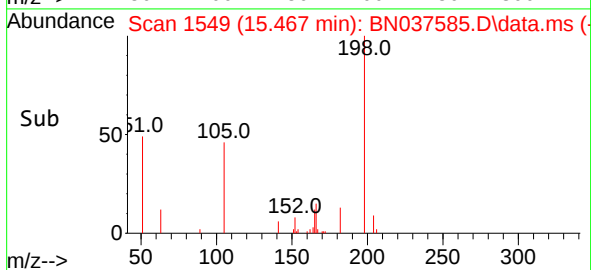
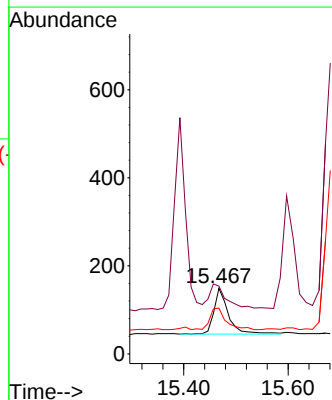
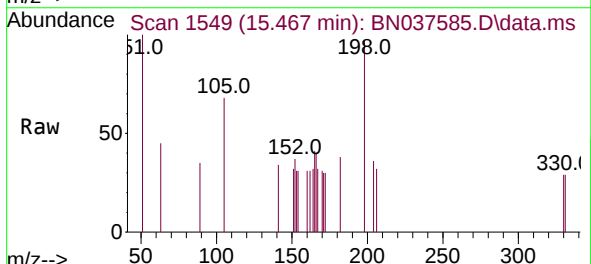
Tgt Ion:198 Resp: 209

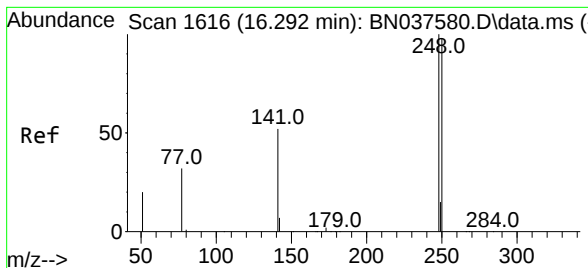
Ion Ratio Lower Upper

198 100

51 103.4 81.0 121.6

105 69.8 52.5 78.7

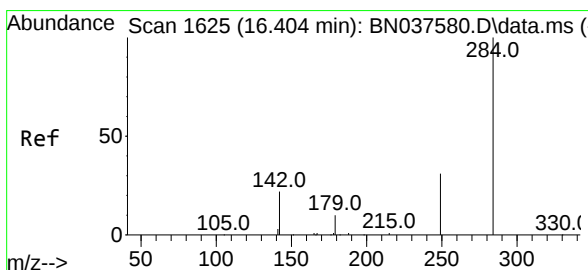
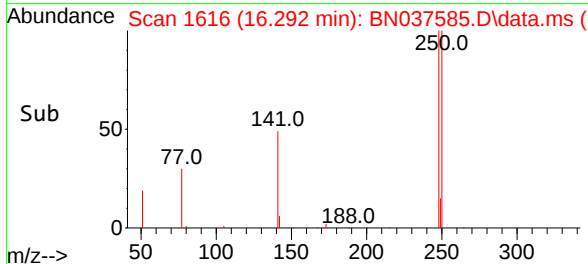
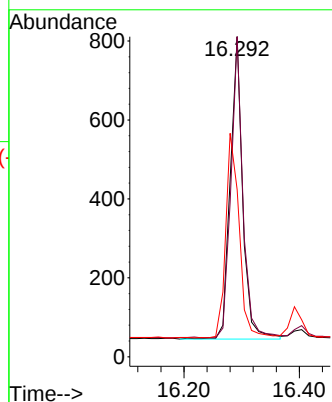
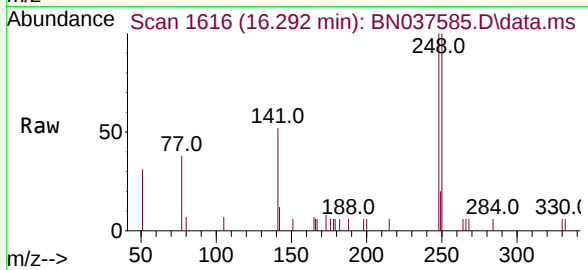




#21  
4-Bromophenyl-phenylether  
Concen: 0.400 ng  
RT: 16.292 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

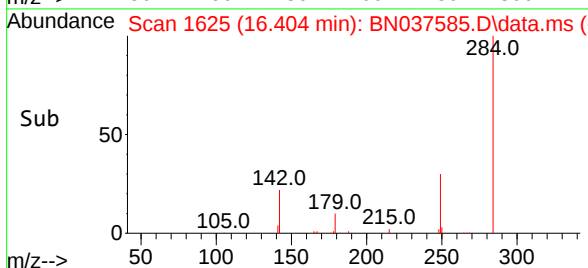
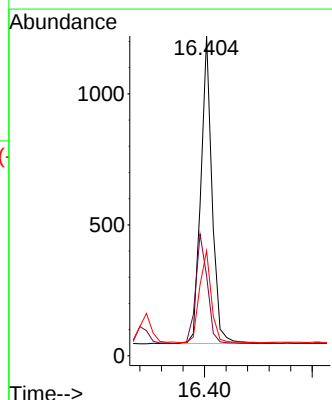
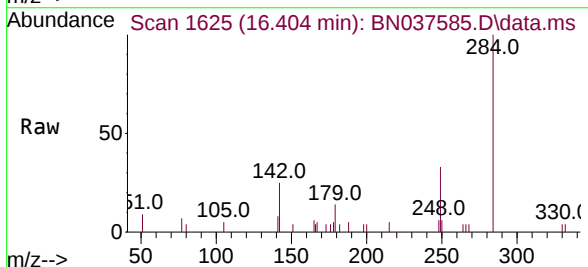
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

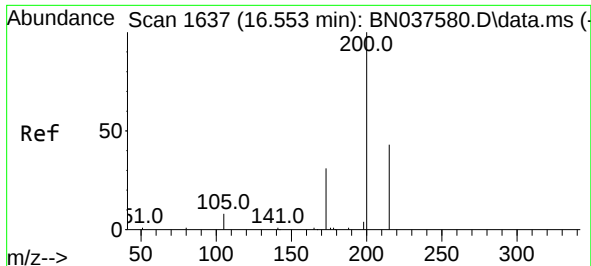
Tgt Ion:248 Resp: 1147  
Ion Ratio Lower Upper  
248 100  
250 100.0 78.6 118.0  
141 52.2 43.7 65.5



#22  
Hexachlorobenzene  
Concen: 0.419 ng  
RT: 16.404 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:284 Resp: 1702  
Ion Ratio Lower Upper  
284 100  
142 37.1 29.8 44.6  
249 31.6 26.0 39.0

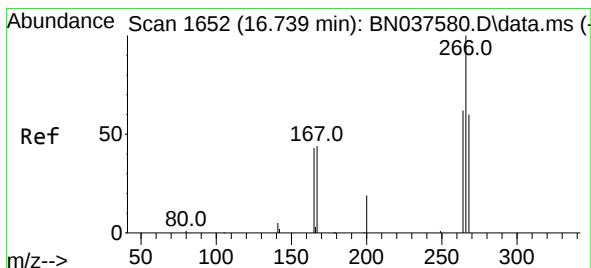
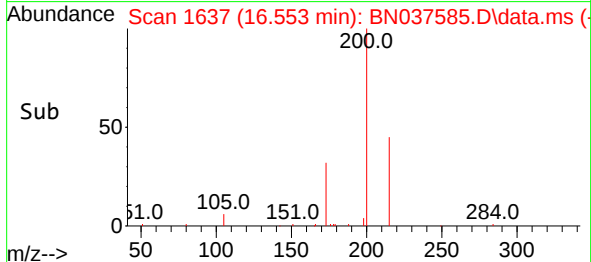
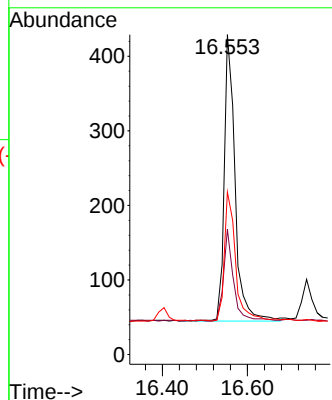
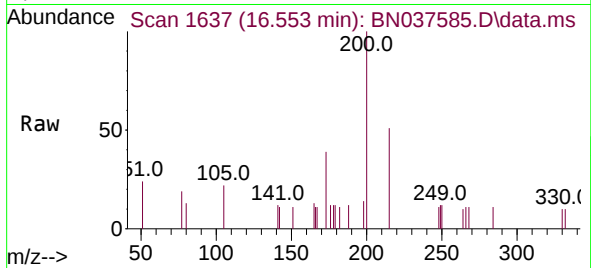




#23  
 Atrazine  
 Concen: 0.420 ng  
 RT: 16.553 min Scan# 1637  
 Delta R.T. -0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

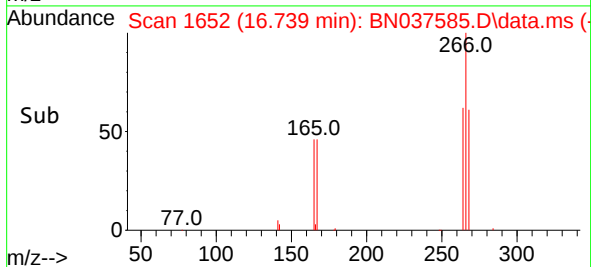
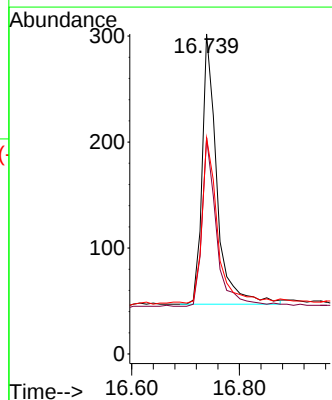
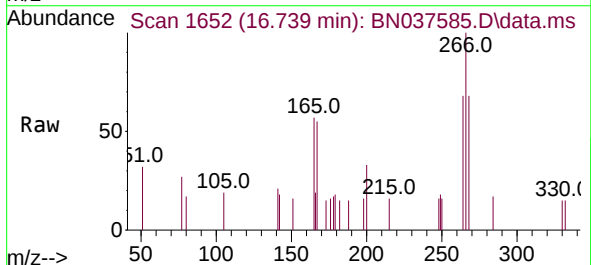
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN081225

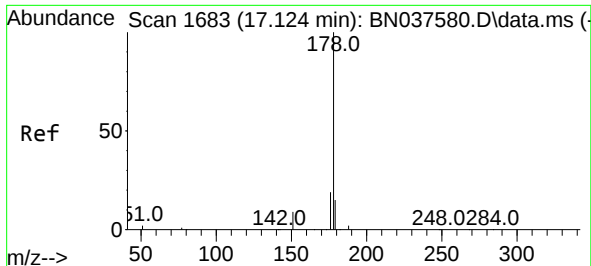
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 681  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 39.2  | 31.0  | 46.4 |
| 215       | 50.8  | 39.4  | 59.0 |



#24  
 Pentachlorophenol  
 Concen: 0.339 ng  
 RT: 16.739 min Scan# 1652  
 Delta R.T. 0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 484  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.8  | 49.6  | 74.4 |
| 268       | 67.4  | 49.2  | 73.8 |

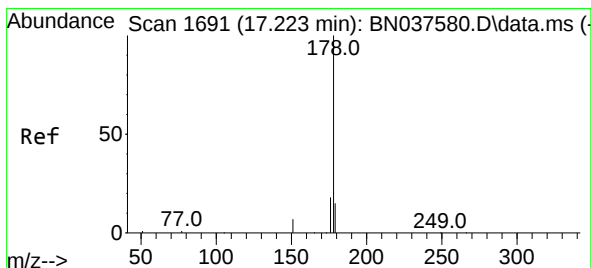
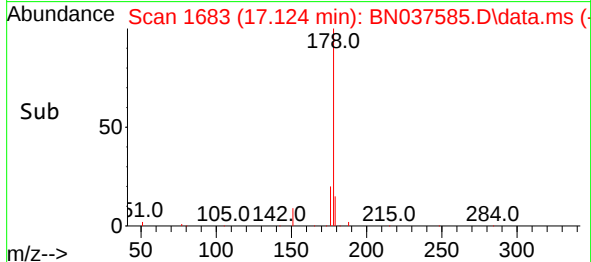
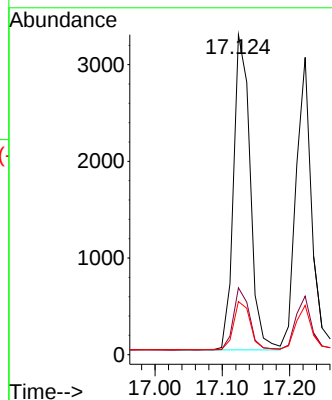
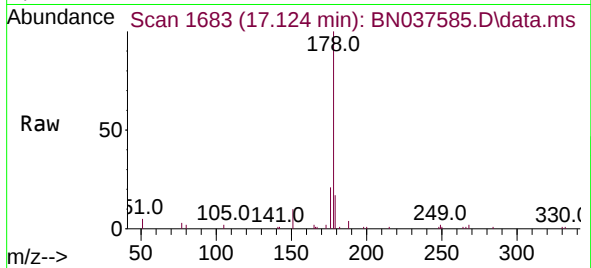




#25  
Phenanthrene  
Concen: 0.404 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

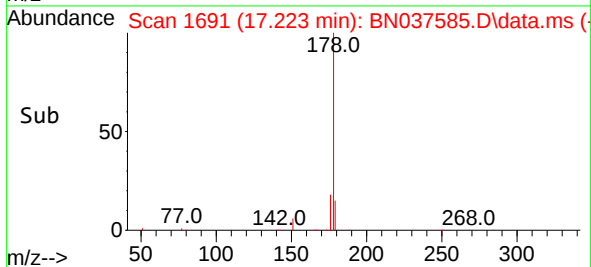
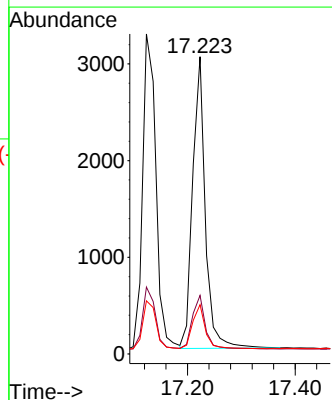
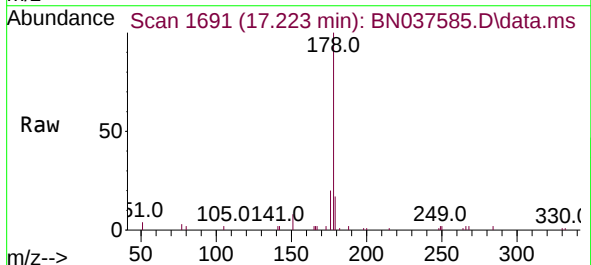
Instrument :  
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ClientSampleId :  
ICVBN081225

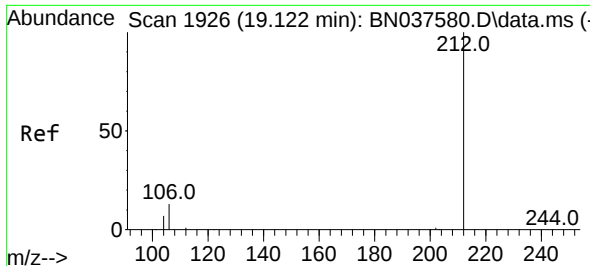
Tgt Ion:178 Resp: 5612  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.3 12.3 18.5



#26  
Anthracene  
Concen: 0.402 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:178 Resp: 4939  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.7 22.1  
179 15.5 12.3 18.5

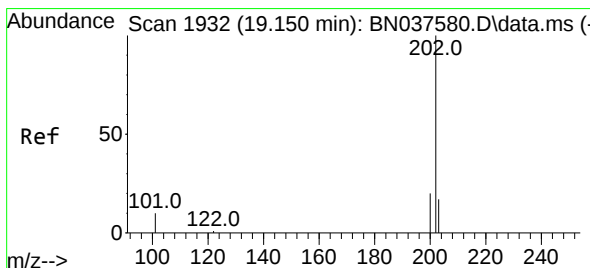
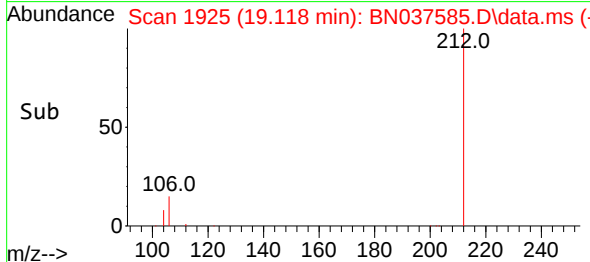
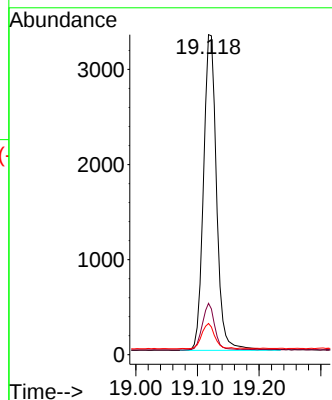
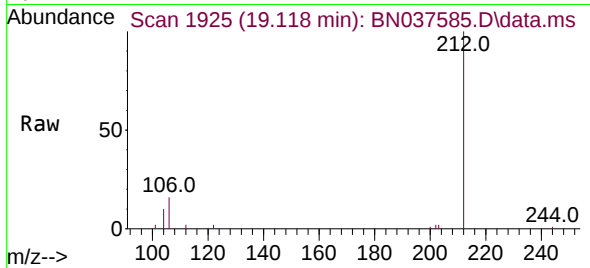




#27  
Fluoranthene-d10  
Concen: 0.405 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.004 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

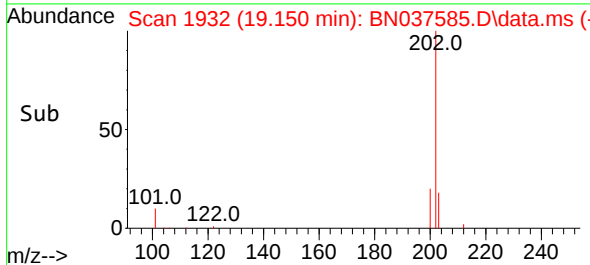
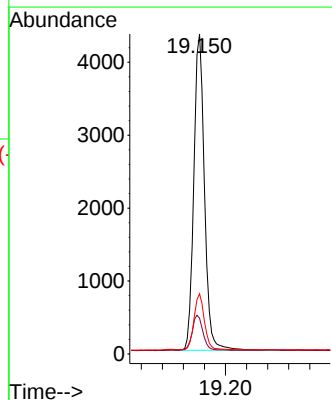
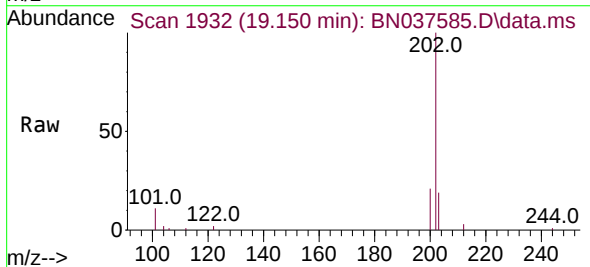
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

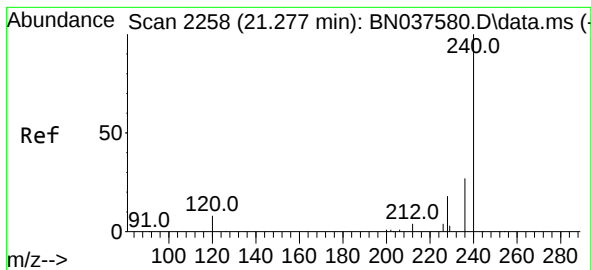
Tgt Ion:212 Resp: 4866  
Ion Ratio Lower Upper  
212 100  
106 14.3 11.5 17.3  
104 7.7 6.6 9.8



#28  
Fluoranthene  
Concen: 0.382 ng  
RT: 19.150 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:202 Resp: 6097  
Ion Ratio Lower Upper  
202 100  
101 11.5 9.0 13.6  
203 17.4 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

Instrument :

BNA\_N

ClientSampleId :

ICVBN081225

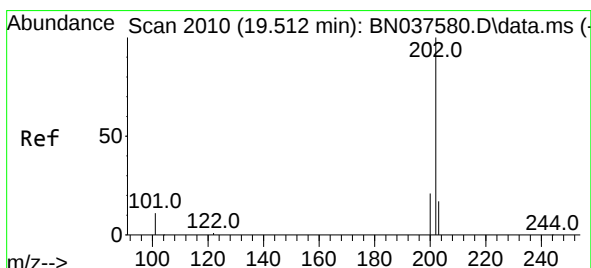
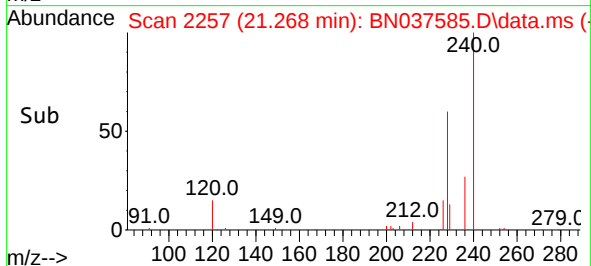
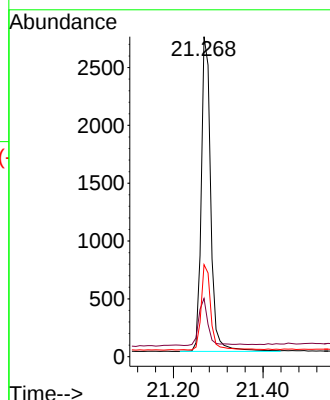
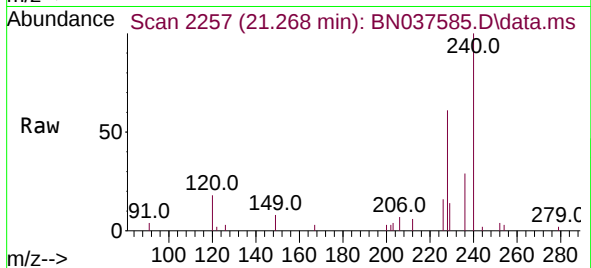
Tgt Ion:240 Resp: 4001

Ion Ratio Lower Upper

240 100

120 18.2 8.9 13.3#

236 28.8 22.6 33.8



#30

Pyrene

Concen: 0.396 ng

RT: 19.513 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

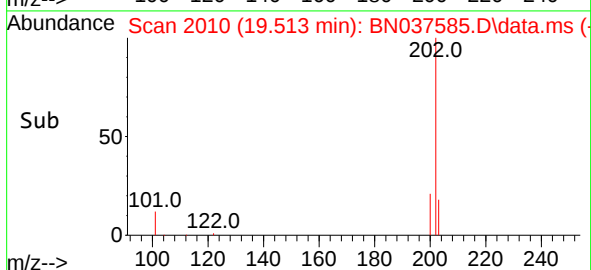
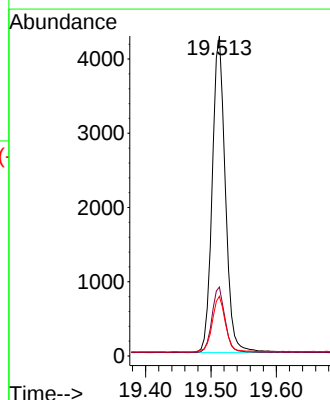
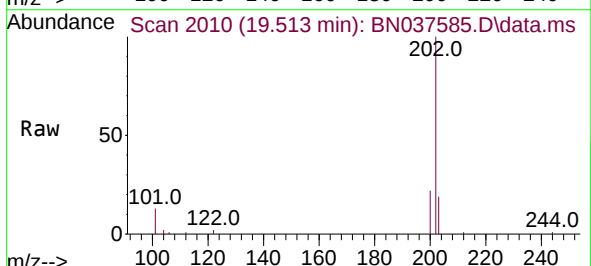
Tgt Ion:202 Resp: 5925

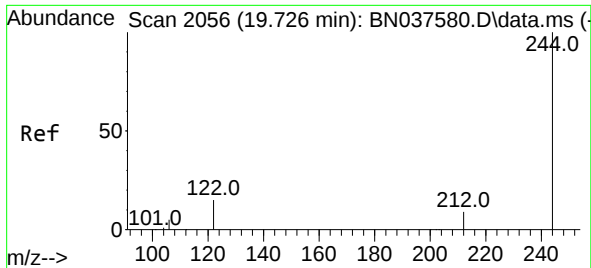
Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

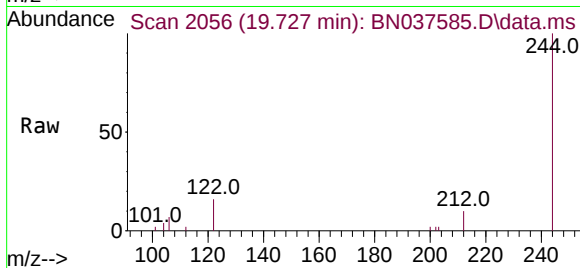
203 17.7 14.3 21.5



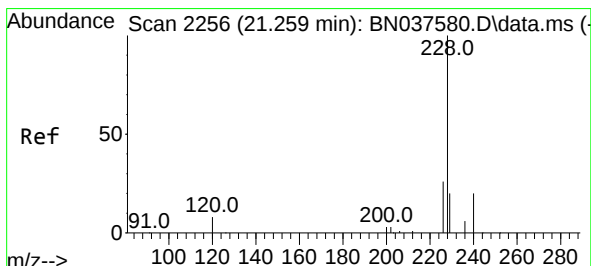
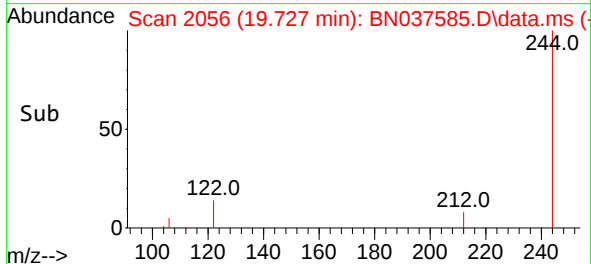
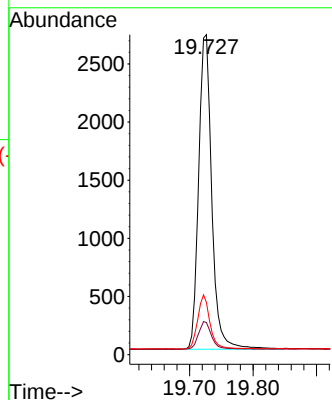


#31  
 Terphenyl-d14  
 Concen: 0.472 ng  
 RT: 19.727 min Scan# 2056  
 Delta R.T. 0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN081225

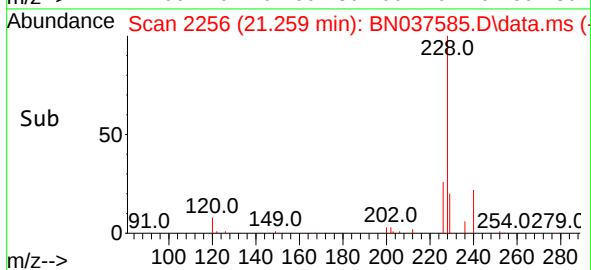
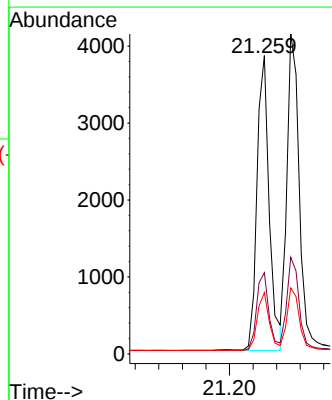
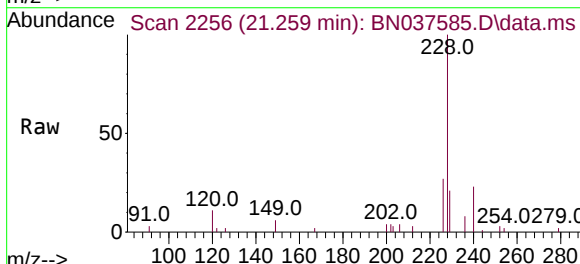


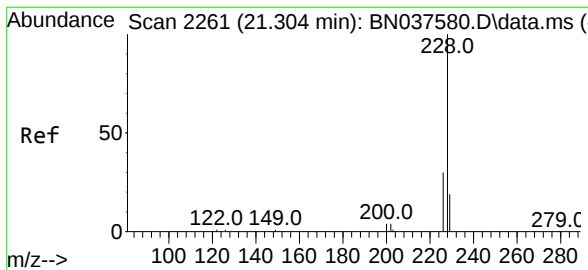
Tgt Ion:244 Resp: 3884  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 8.2 12.2  
 122 16.3 13.2 19.8



#32  
 Benzo(a)anthracene  
 Concen: 0.411 ng  
 RT: 21.259 min Scan# 2256  
 Delta R.T. 0.000 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

Tgt Ion:228 Resp: 5497  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 21.5 32.3  
 229 20.5 16.5 24.7





#33

Chrysene

Concen: 0.405 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

Instrument :

BNA\_N

ClientSampleId :

ICVBN081225

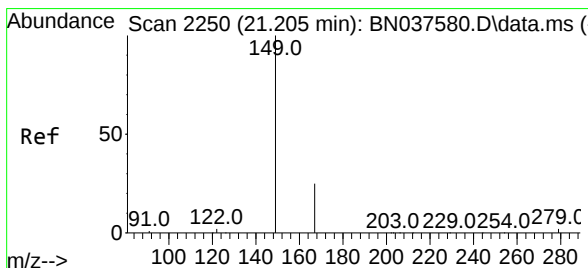
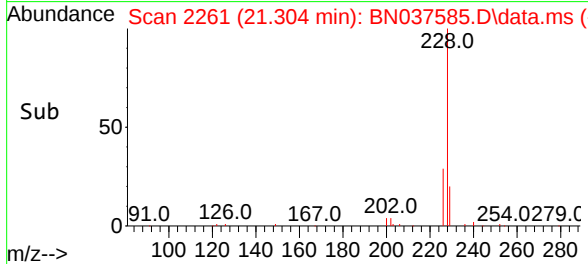
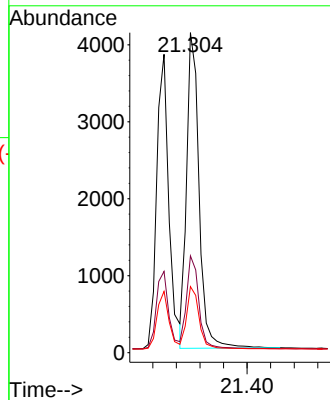
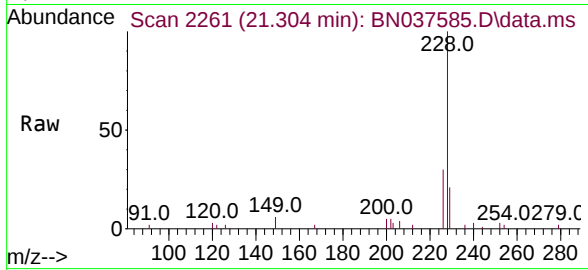
Tgt Ion:228 Resp: 6035

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 20.7 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.418 ng

RT: 21.205 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

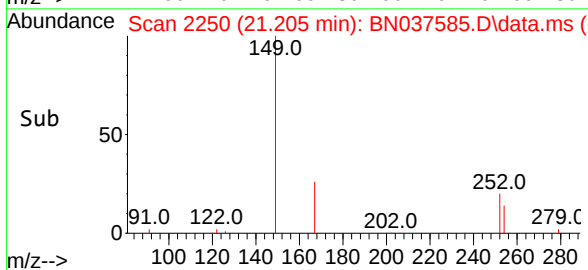
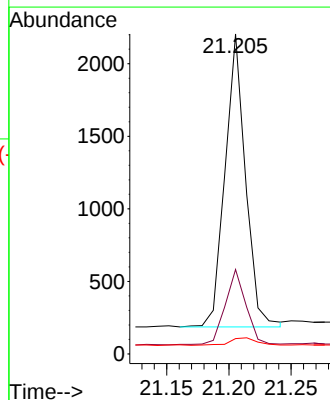
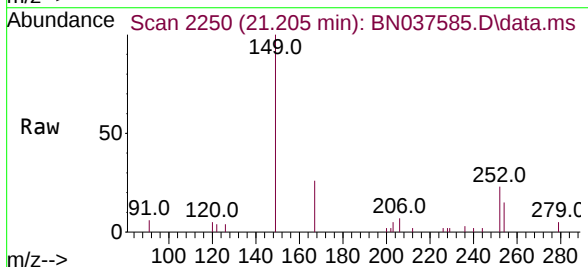
Tgt Ion:149 Resp: 2306

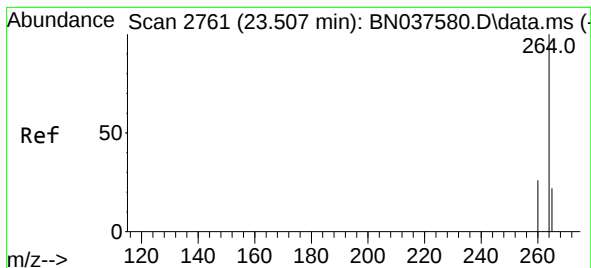
Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

279 3.3 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.511 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

Instrument :

BNA\_N

ClientSampleId :

ICVBN081225

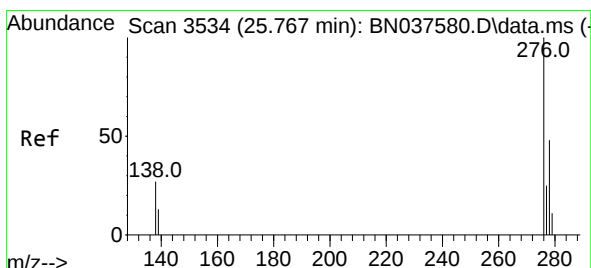
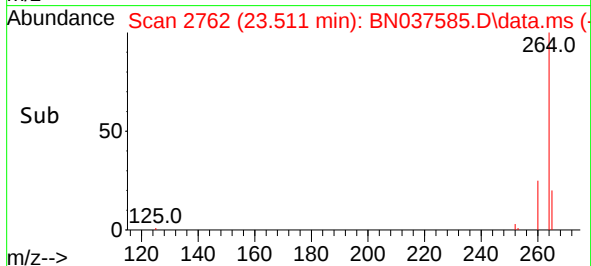
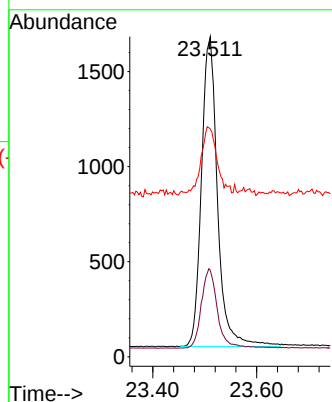
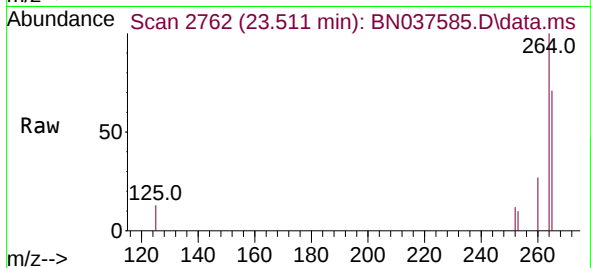
Tgt Ion:264 Resp: 3490

Ion Ratio Lower Upper

264 100

260 27.0 21.6 32.4

265 71.2 48.2 72.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng

RT: 25.765 min Scan# 3533

Delta R.T. -0.003 min

Lab File: BN037585.D

Acq: 12 Aug 2025 20:42

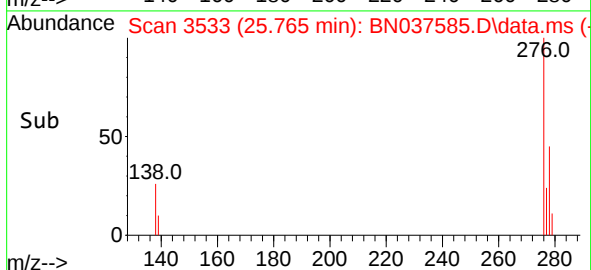
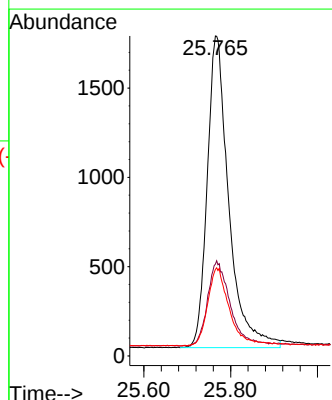
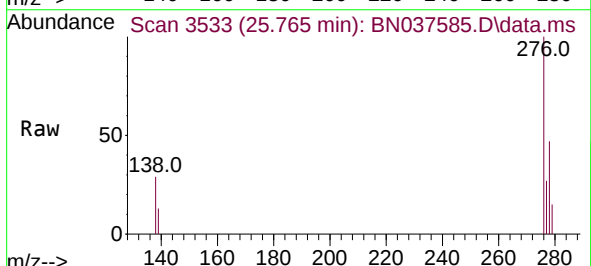
Tgt Ion:276 Resp: 6028

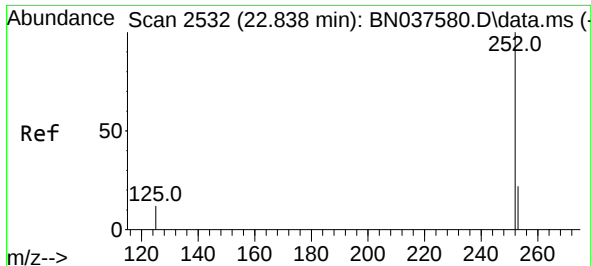
Ion Ratio Lower Upper

276 100

138 28.3 23.3 34.9

277 24.2 19.5 29.3

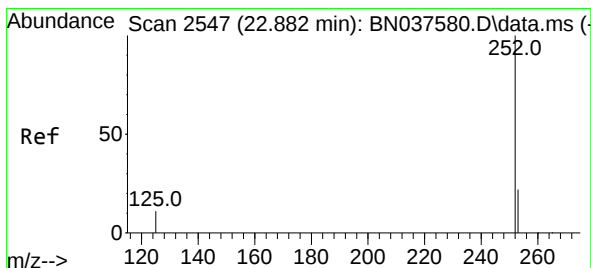
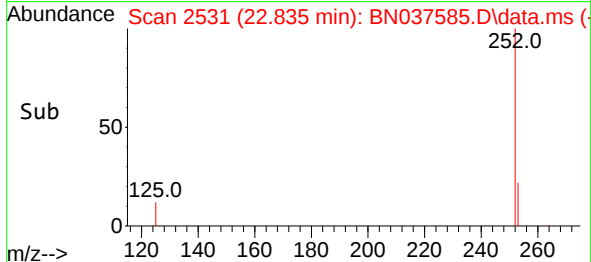
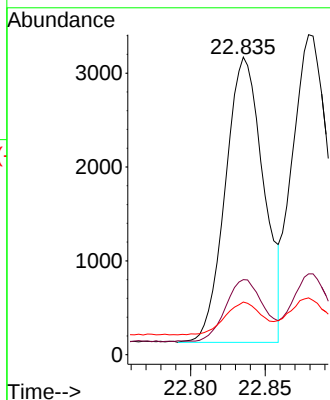
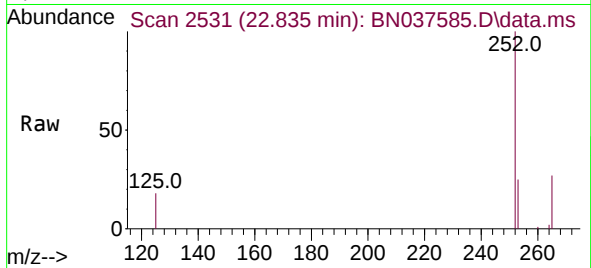




#37  
Benzo(b)fluoranthene  
Concen: 0.409 ng  
RT: 22.835 min Scan# 2531  
Delta R.T. -0.003 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

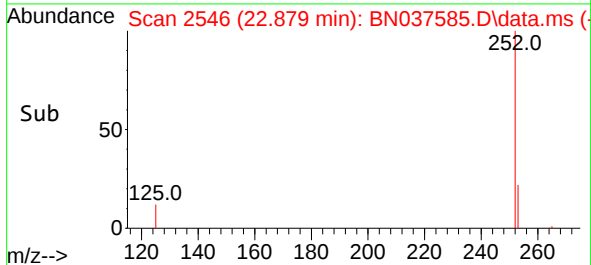
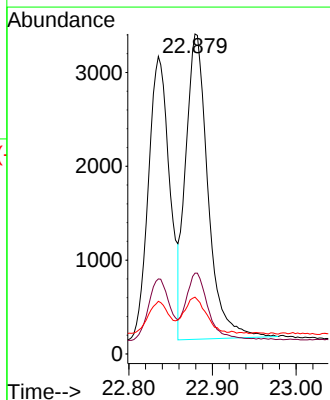
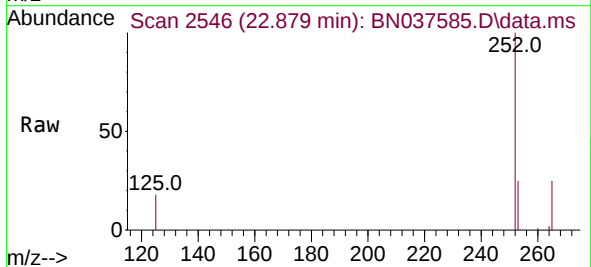
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

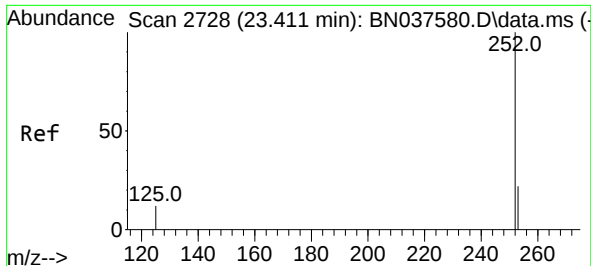
Tgt Ion:252 Resp: 5410  
Ion Ratio Lower Upper  
252 100  
253 25.2 20.0 30.0  
125 17.7 13.8 20.6



#38  
Benzo(k)fluoranthene  
Concen: 0.404 ng  
RT: 22.879 min Scan# 2546  
Delta R.T. -0.003 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:252 Resp: 6026  
Ion Ratio Lower Upper  
252 100  
253 25.2 19.9 29.9  
125 17.7 15.0 22.6

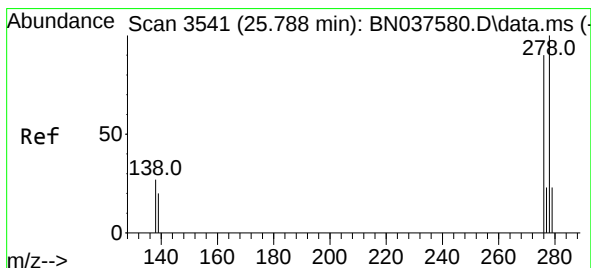
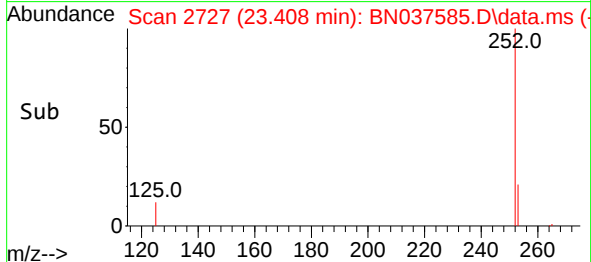
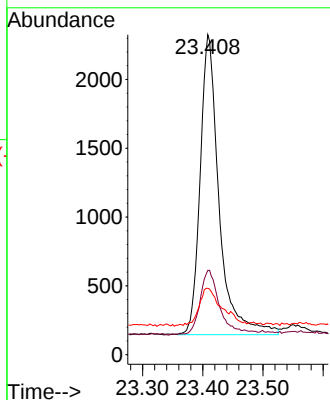
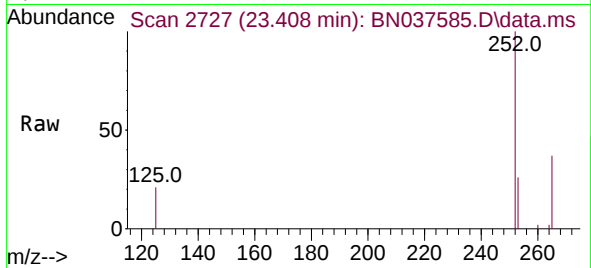




#39  
Benzo(a)pyrene  
Concen: 0.434 ng  
RT: 23.408 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

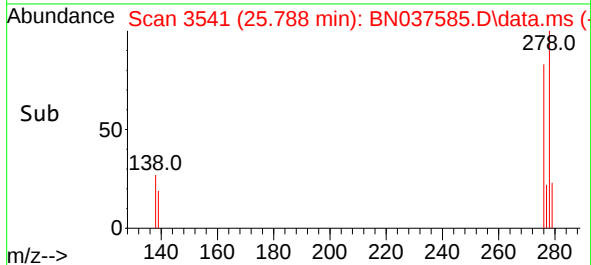
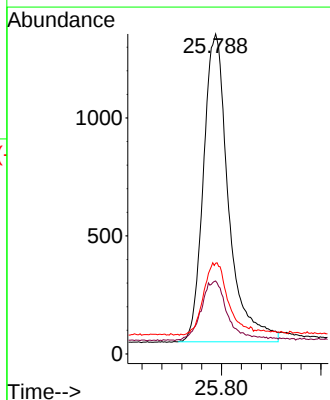
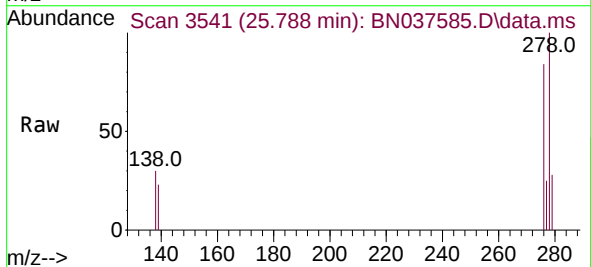
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN081225

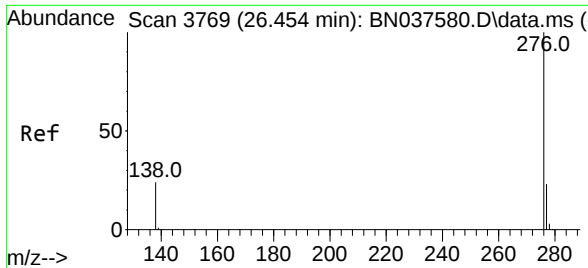
Tgt Ion:252 Resp: 4761  
Ion Ratio Lower Upper  
252 100  
253 26.4 21.6 32.4  
125 20.7 16.8 25.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.401 ng  
RT: 25.788 min Scan# 3541  
Delta R.T. 0.000 min  
Lab File: BN037585.D  
Acq: 12 Aug 2025 20:42

Tgt Ion:278 Resp: 4571  
Ion Ratio Lower Upper  
278 100  
139 22.8 18.3 27.5  
279 28.3 22.5 33.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.407 ng  
 RT: 26.458 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: BN037585.D  
 Acq: 12 Aug 2025 20:42

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN081225

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4888  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.7  | 21.0  | 31.4  |
| 138      | 27.3  | 21.7  | 32.5  |

