

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062725\  
 Data File : BN037417.D  
 Acq On : 27 Jun 2025 10:09  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jun 27 10:47:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 26 16:06:33 2025  
 Response via : Initial Calibration

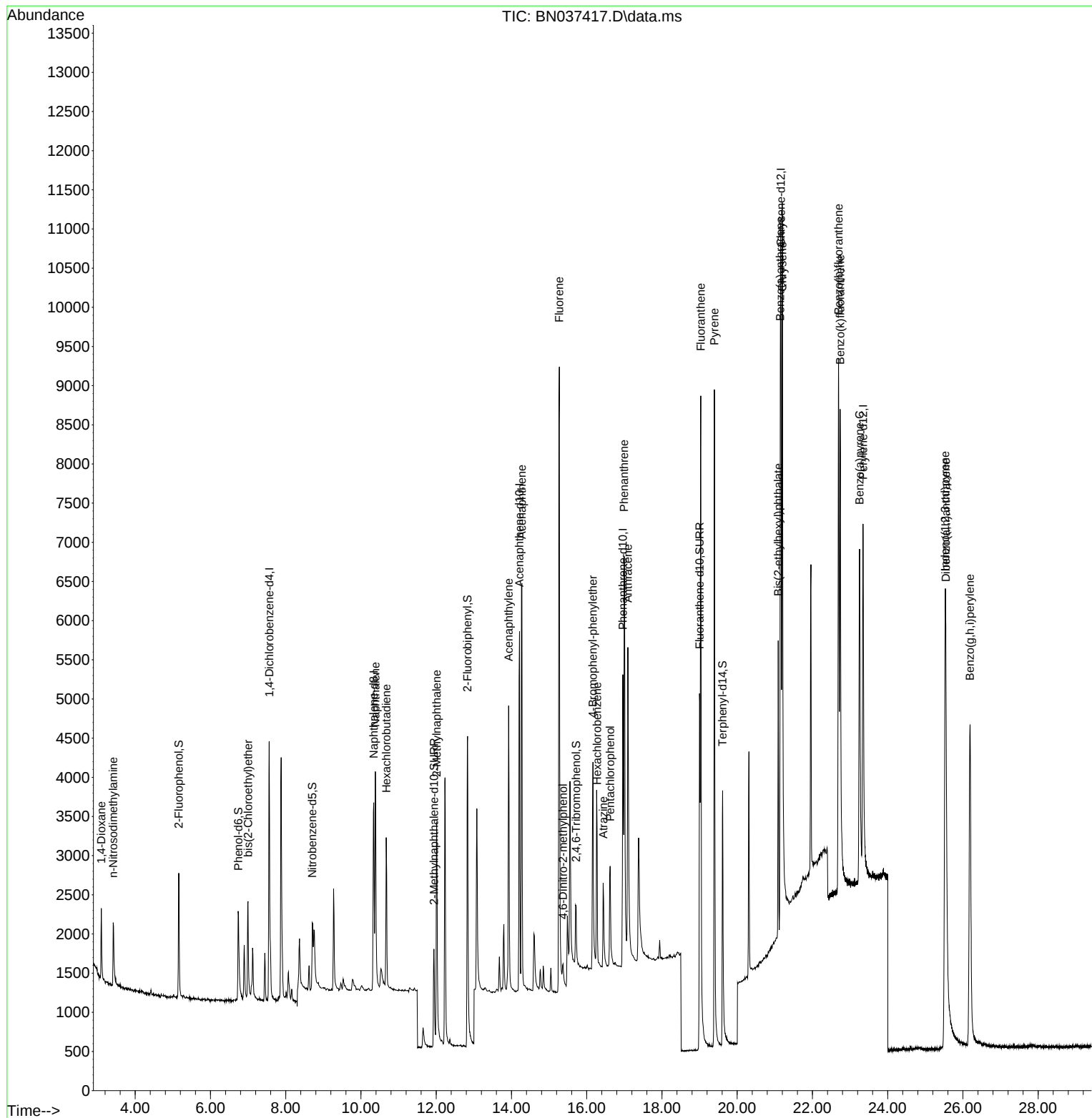
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.560  | 152  | 1790     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 3949     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.213 | 164  | 2792     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.959 | 188  | 6217     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.162 | 240  | 6164     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.345 | 264  | 6622     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.155  | 112  | 1420     | 0.412 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.744  | 99   | 1401     | 0.392 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.707  | 82   | 1172     | 0.370 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.940 | 152  | 2284     | 0.374 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 684      | 0.418 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.833 | 172  | 4660     | 0.387 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.998 | 212  | 7000     | 0.393 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.611 | 244  | 5266     | 0.401 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.097  | 88   | 657      | 0.387 | ng    | 94       |
| 3) n-Nitrosodimethylamine     | 3.415  | 42   | 655      | 0.391 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 6.997  | 93   | 1138     | 0.358 | ng    | 92       |
| 9) Naphthalene                | 10.383 | 128  | 3943     | 0.388 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.671 | 225  | 1635     | 0.405 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.011 | 142  | 2704     | 0.386 | ng    | 99       |
| 16) Acenaphthylene            | 13.924 | 152  | 4415     | 0.381 | ng    | 98       |
| 17) Acenaphthene              | 14.277 | 154  | 2916     | 0.386 | ng    | 99       |
| 18) Fluorene                  | 15.272 | 166  | 4204     | 0.394 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.368 | 198  | 427      | 0.267 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.165 | 248  | 1691     | 0.386 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.276 | 284  | 1840     | 0.390 | ng    | 98       |
| 23) Atrazine                  | 16.438 | 200  | 1277     | 0.368 | ng    | # 94     |
| 24) Pentachlorophenol         | 16.624 | 266  | 952      | 0.374 | ng    | 97       |
| 25) Phenanthrene              | 16.996 | 178  | 6626     | 0.378 | ng    | 100      |
| 26) Anthracene                | 17.095 | 178  | 5931     | 0.368 | ng    | 99       |
| 28) Fluoranthene              | 19.031 | 202  | 8900     | 0.398 | ng    | 99       |
| 30) Pyrene                    | 19.393 | 202  | 9051     | 0.388 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.144 | 228  | 7188     | 0.371 | ng    | 99       |
| 33) Chrysene                  | 21.198 | 228  | 9810     | 0.409 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 3108     | 0.405 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.526 | 276  | 10251    | 0.367 | ng    | # 95     |
| 37) Benzo(b)fluoranthene      | 22.693 | 252  | 8842     | 0.379 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.737 | 252  | 9995     | 0.401 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.252 | 252  | 7817     | 0.376 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.544 | 278  | 8118     | 0.378 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.190 | 276  | 9826     | 0.383 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

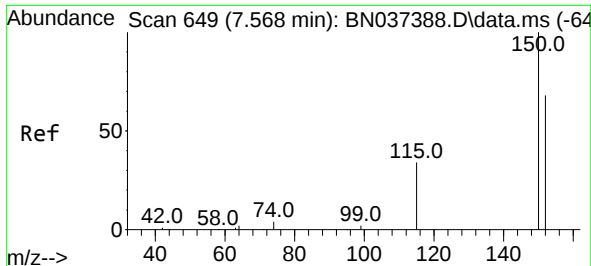
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDCCC0.4  
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Instrument :  
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Quant Time: Jun 27 10:47:49 2025  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 26 16:06:33 2025  
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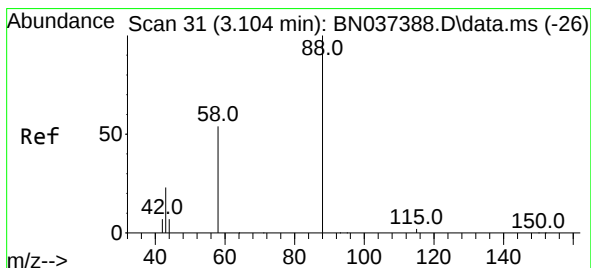
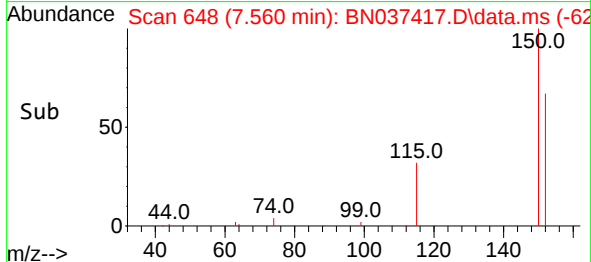
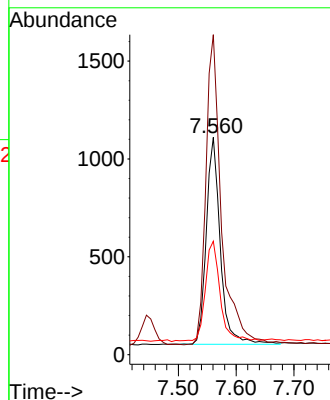
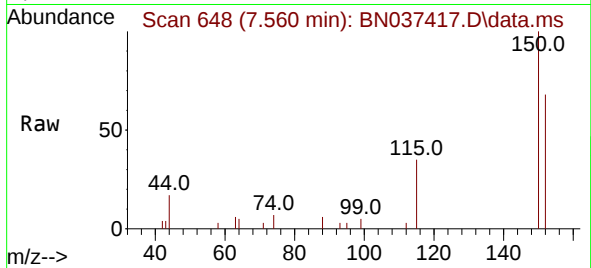




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.560 min Scan# 64  
 Delta R.T. -0.008 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

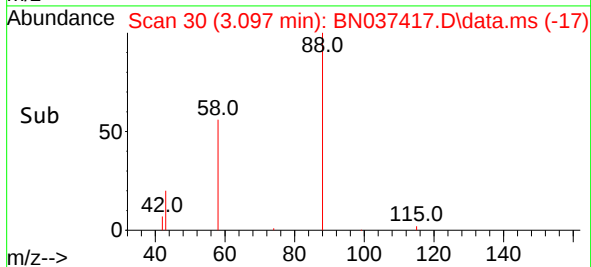
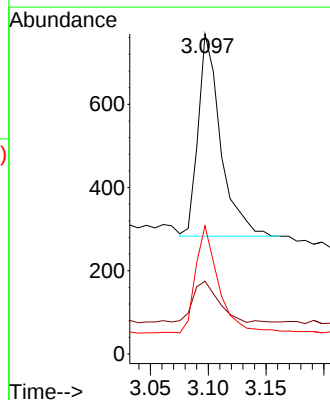
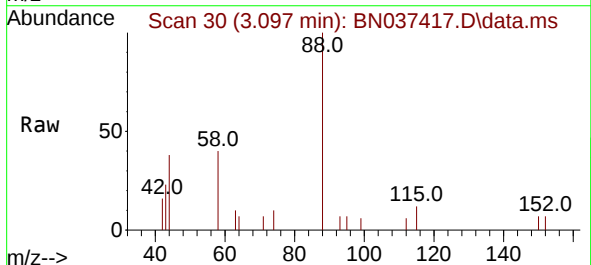
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

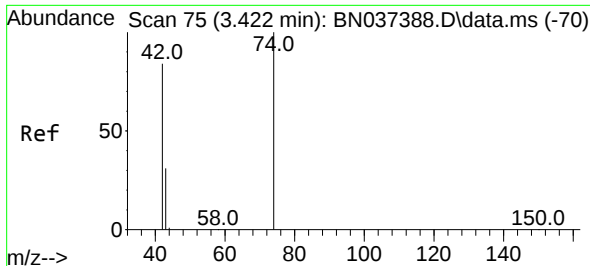
Tgt Ion:152 Resp: 1790  
 Ion Ratio Lower Upper  
 152 100  
 150 147.3 116.2 174.2  
 115 52.3 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.387 ng  
 RT: 3.097 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

Tgt Ion: 88 Resp: 657  
 Ion Ratio Lower Upper  
 88 100  
 43 22.7 21.6 32.4  
 58 54.0 45.9 68.9

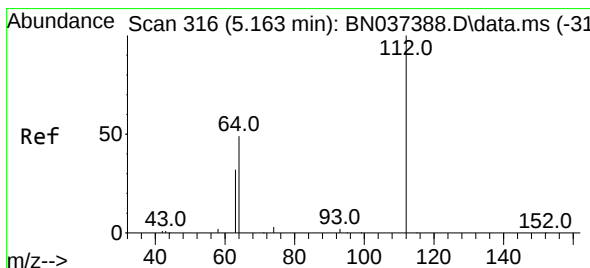
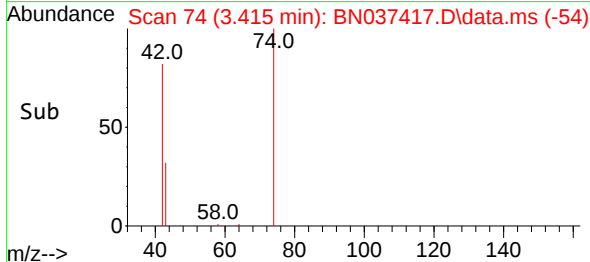
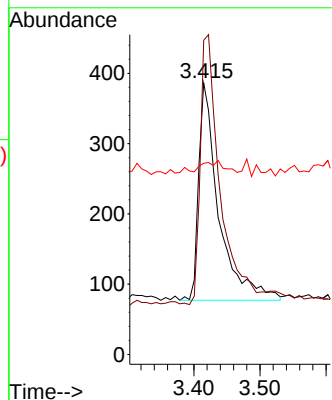
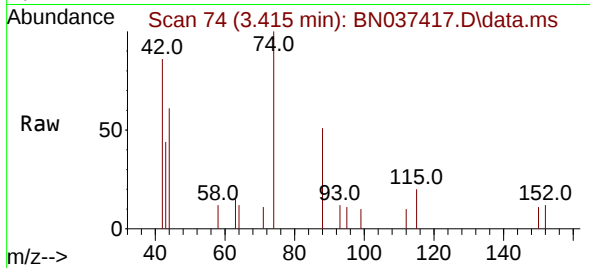




#3  
 n-Nitrosodimethylamine  
 Concen: 0.391 ng  
 RT: 3.415 min Scan# 74  
 Delta R.T. -0.007 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

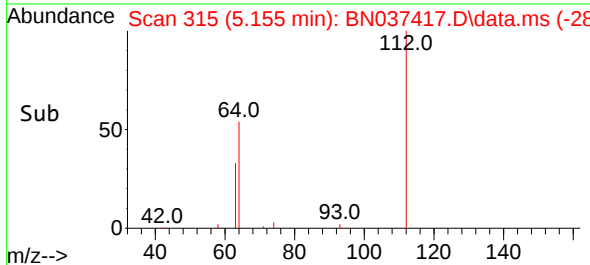
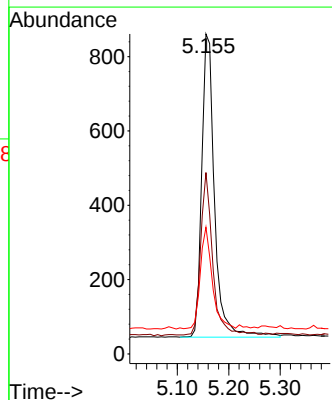
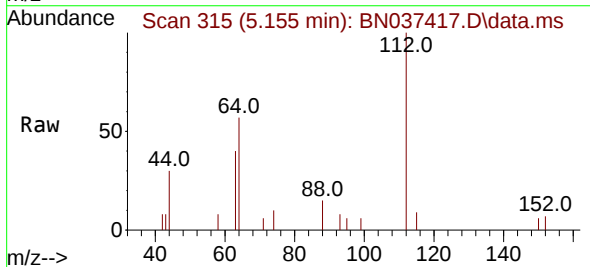
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

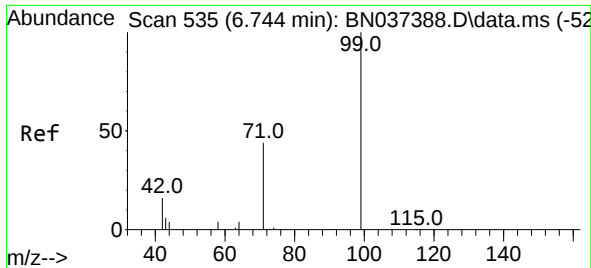
Tgt Ion: 42 Resp: 655  
 Ion Ratio Lower Upper  
 42 100  
 74 121.8 97.8 146.8  
 44 0.0 8.7 13.1#



#4  
 2-Fluorophenol  
 Concen: 0.412 ng  
 RT: 5.155 min Scan# 315  
 Delta R.T. -0.007 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

Tgt Ion: 112 Resp: 1420  
 Ion Ratio Lower Upper  
 112 100  
 64 49.9 40.3 60.5  
 63 30.8 26.1 39.1

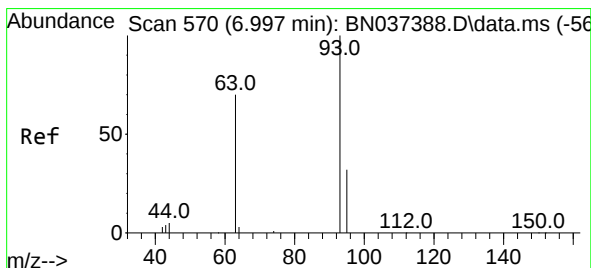
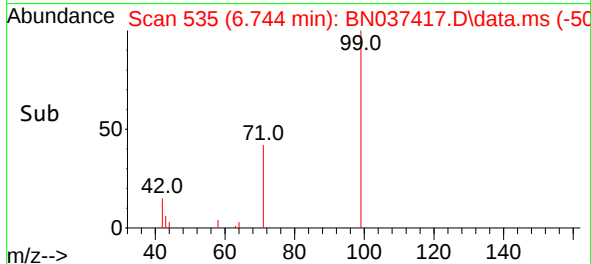
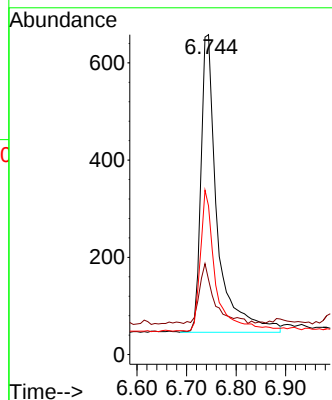
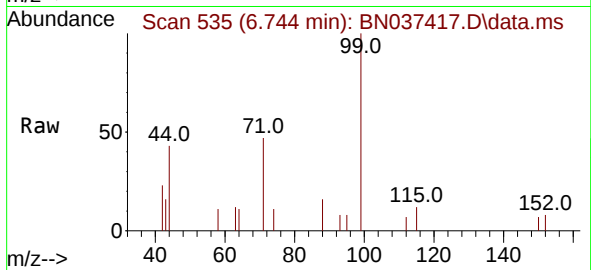




#5  
Phenol-d6  
Concen: 0.392 ng  
RT: 6.744 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

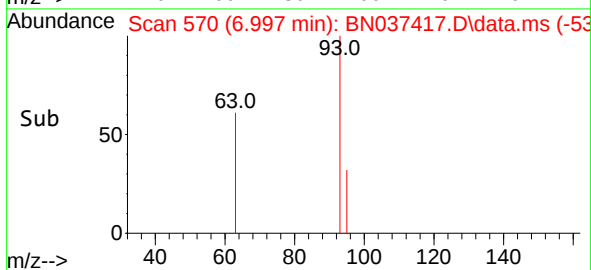
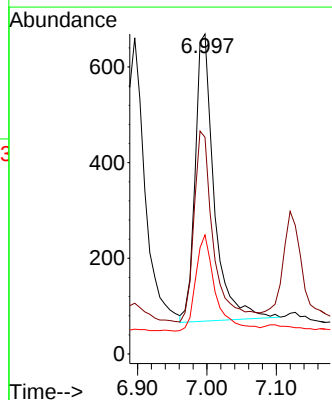
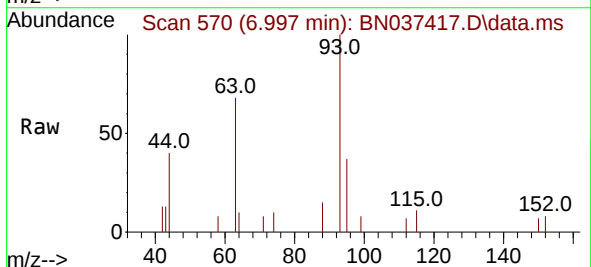
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

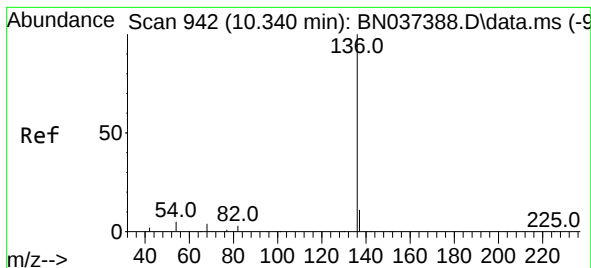
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1401  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.3  | 15.6  | 23.4  |
| 71       | 44.2  | 35.8  | 53.8  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.358 ng  
RT: 6.997 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1138  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 68.2  | 49.6  | 74.4  |
| 95       | 34.9  | 23.9  | 35.9  |





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.340 min Scan# 94

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 3949

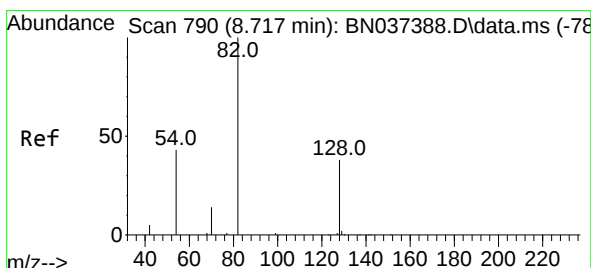
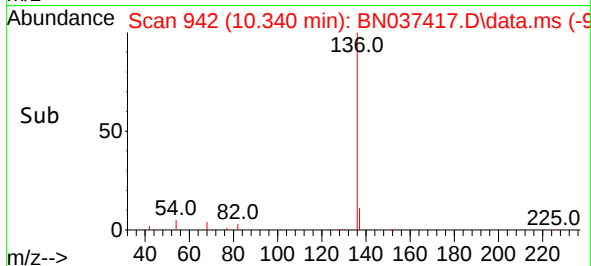
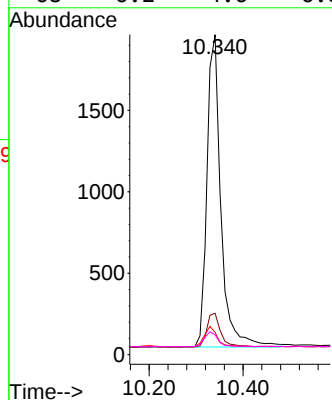
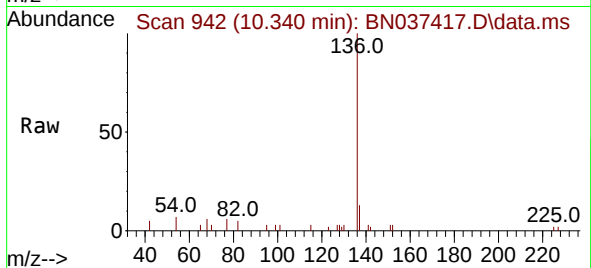
Ion Ratio Lower Upper

136 100

137 12.9 10.4 15.6

54 7.0 5.6 8.4

68 6.2 4.6 6.8



#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.707 min Scan# 789

Delta R.T. -0.011 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

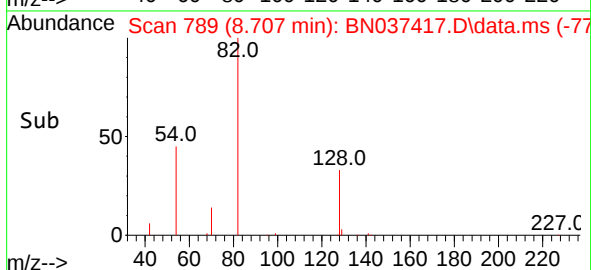
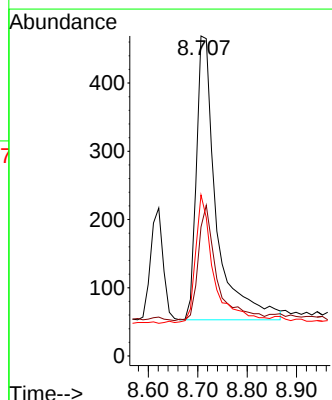
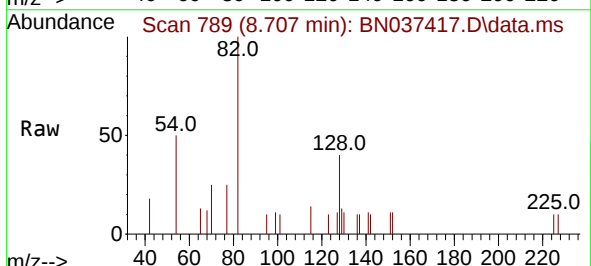
Tgt Ion: 82 Resp: 1172

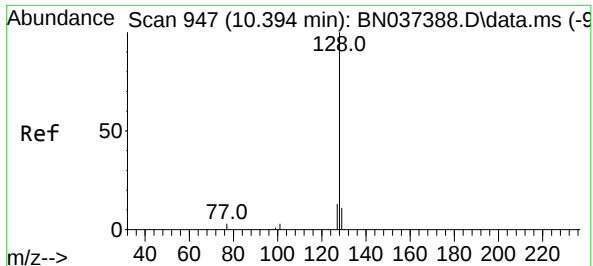
Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

54 50.3 37.7 56.5

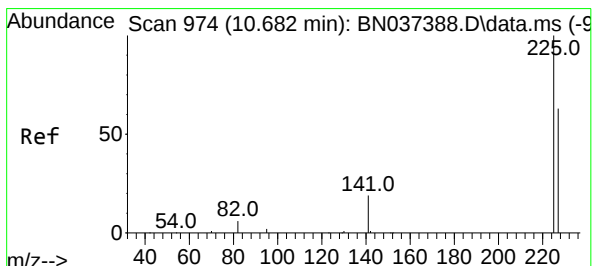
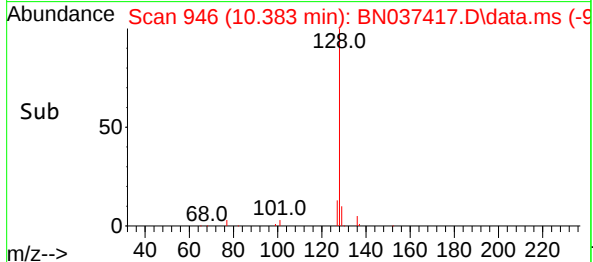
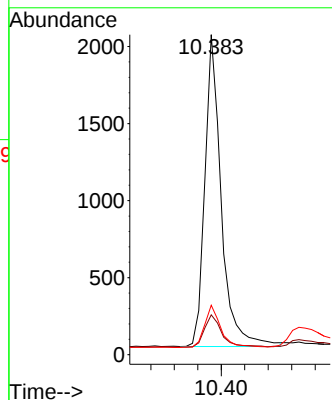
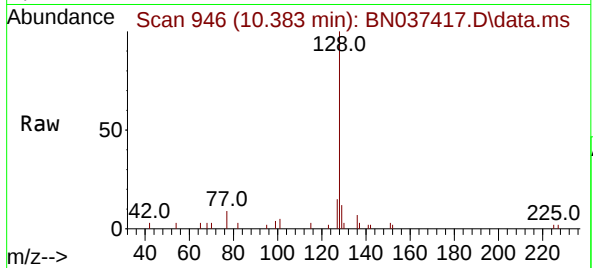




#9  
Naphthalene  
Concen: 0.388 ng  
RT: 10.383 min Scan# 946  
Delta R.T. -0.011 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

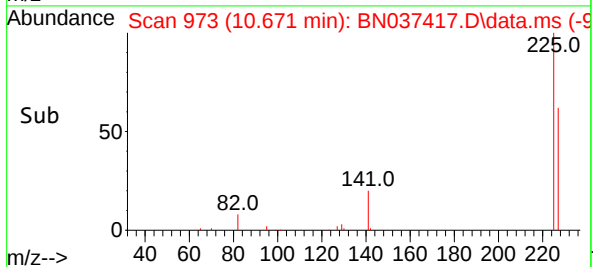
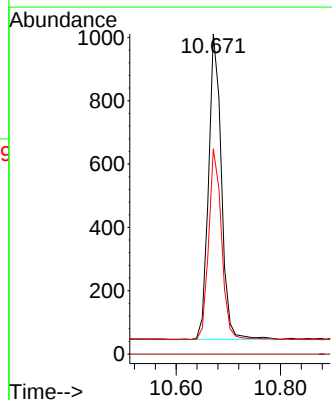
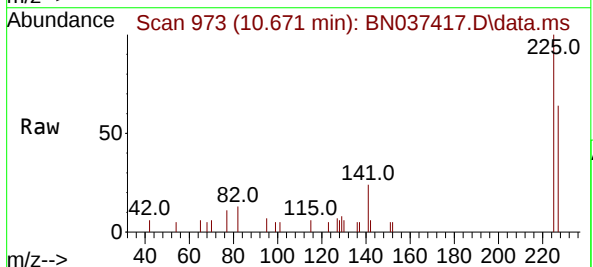
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ClientSampleId :  
SSTDCCC0.4

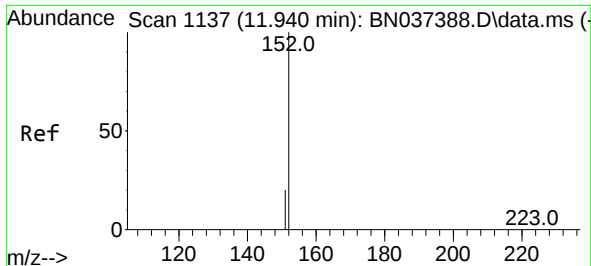
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3943  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.5  | 10.4  | 15.6  |
| 127      | 15.5  | 12.2  | 18.4  |



#10  
Hexachlorobutadiene  
Concen: 0.405 ng  
RT: 10.671 min Scan# 973  
Delta R.T. -0.011 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1635  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 62.6  | 49.9  | 74.9  |

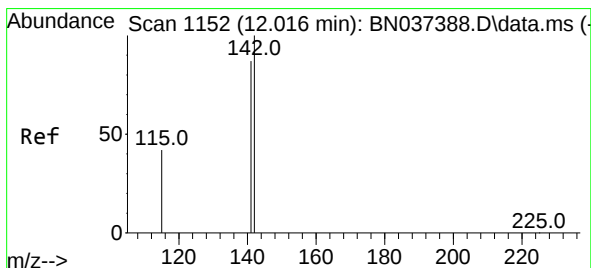
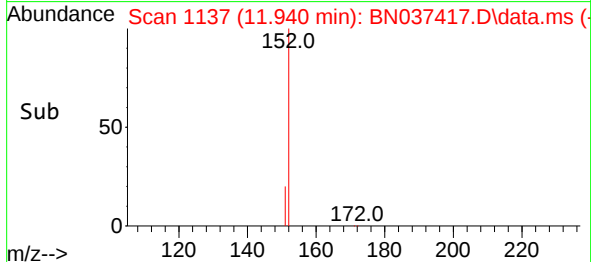
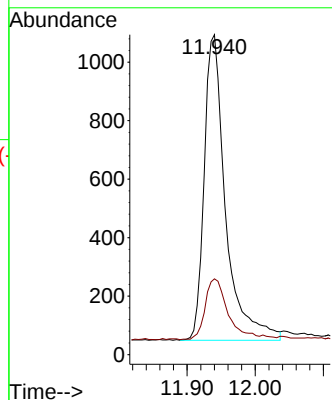
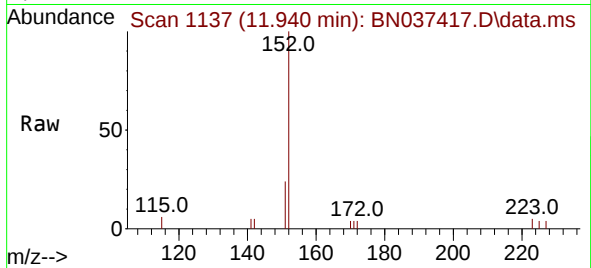




#11  
2-Methylnaphthalene-d10  
Concen: 0.374 ng  
RT: 11.940 min Scan# 1137  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

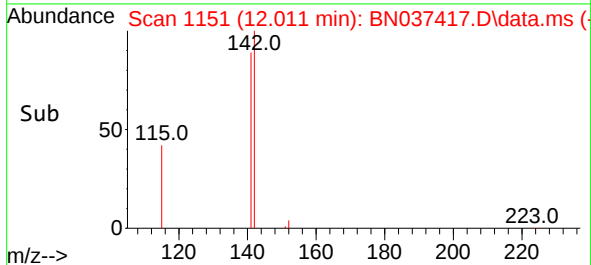
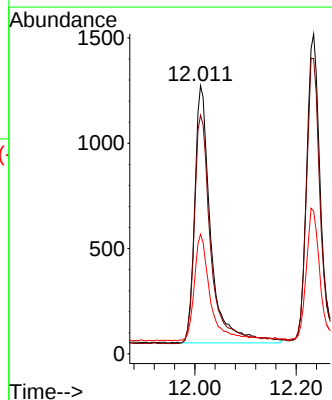
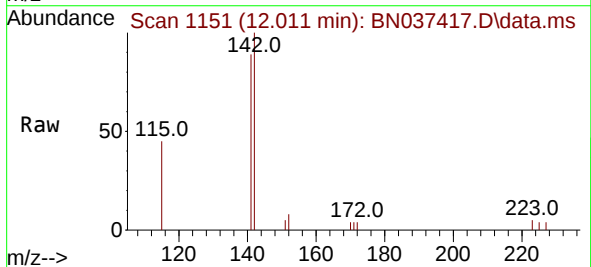
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

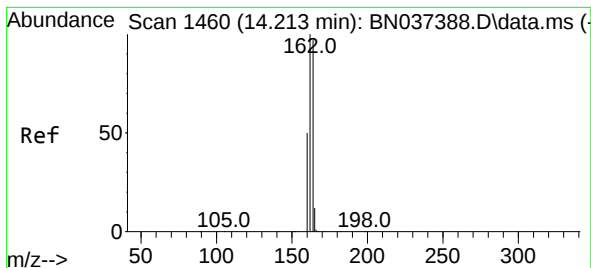
Tgt Ion:152 Resp: 2284  
Ion Ratio Lower Upper  
152 100  
151 21.1 18.4 27.6



#12  
2-Methylnaphthalene  
Concen: 0.386 ng  
RT: 12.011 min Scan# 1151  
Delta R.T. -0.005 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:142 Resp: 2704  
Ion Ratio Lower Upper  
142 100  
141 89.0 70.1 105.1  
115 44.6 35.8 53.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

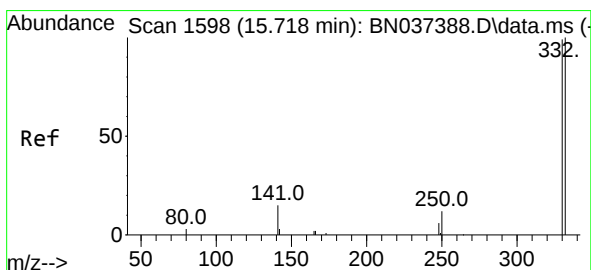
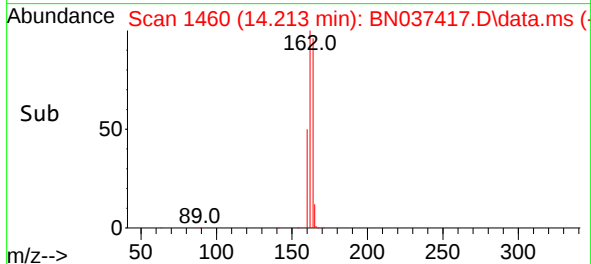
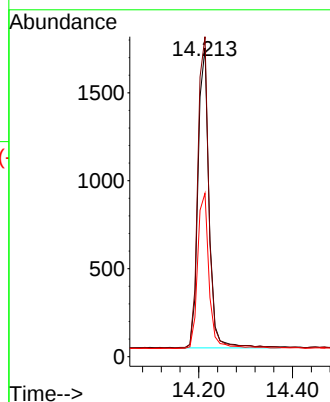
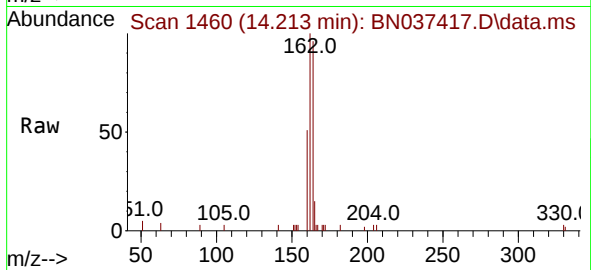
Tgt Ion:164 Resp: 2792

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

160 52.9 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.418 ng

RT: 15.718 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

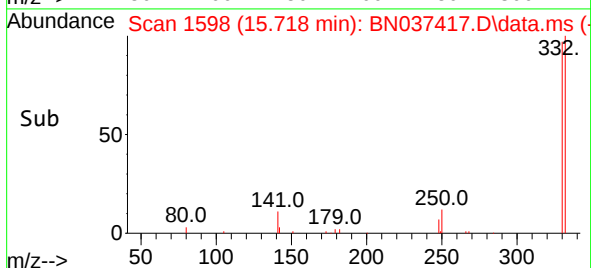
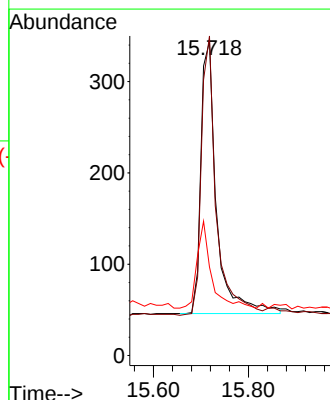
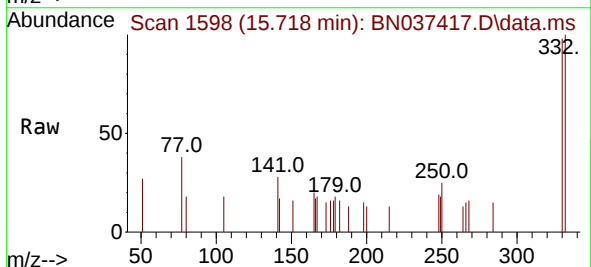
Tgt Ion:330 Resp: 684

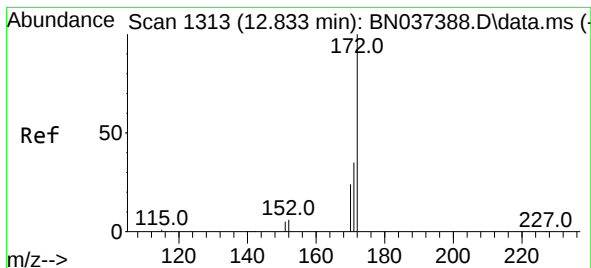
Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.8

141 28.5 24.0 36.0





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

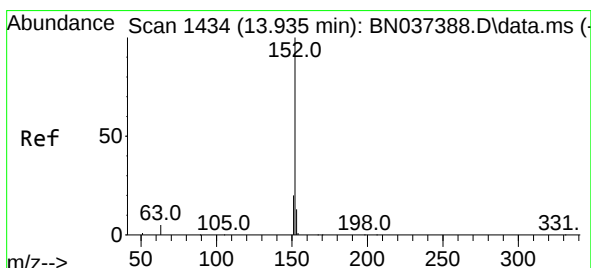
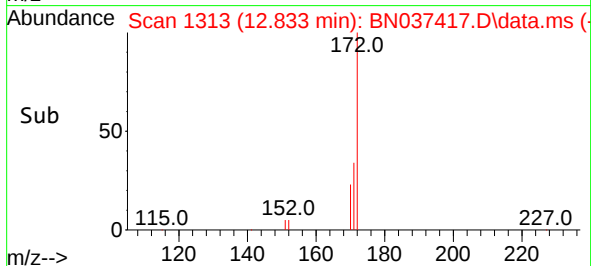
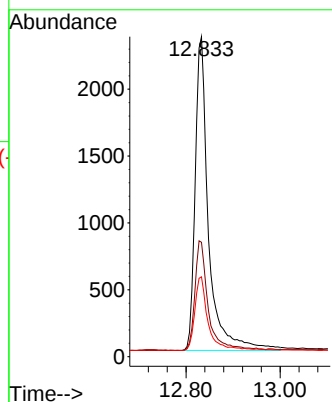
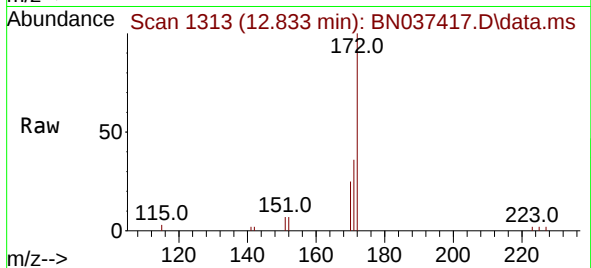
Tgt Ion:172 Resp: 4660

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.9 20.3 30.5



#16

Acenaphthylene

Concen: 0.381 ng

RT: 13.924 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

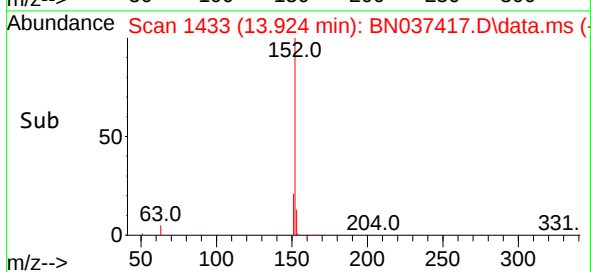
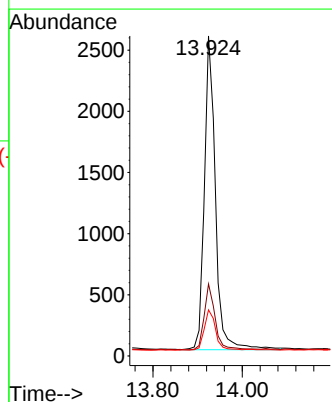
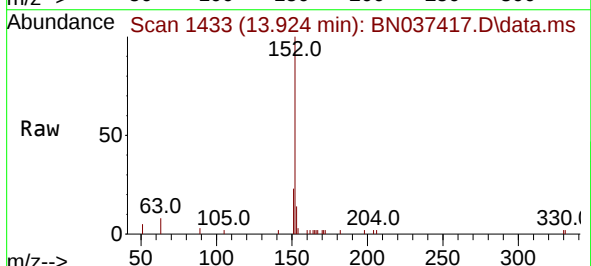
Tgt Ion:152 Resp: 4415

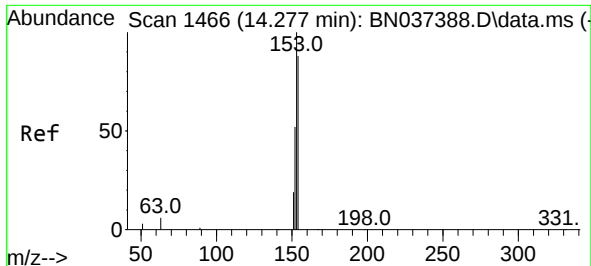
Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

153 13.5 10.3 15.5

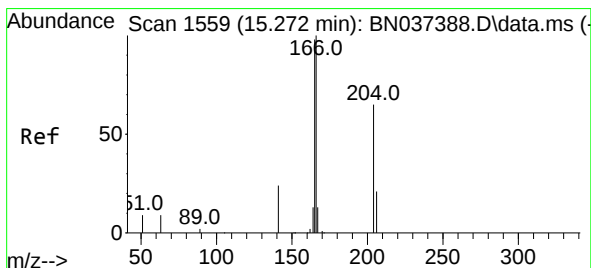
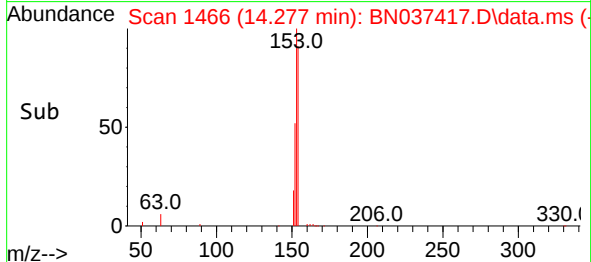
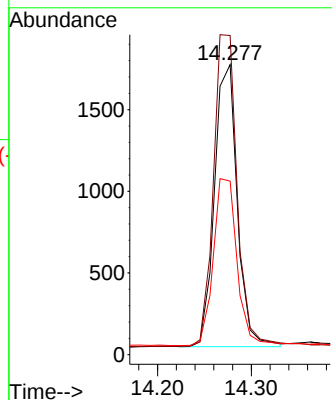
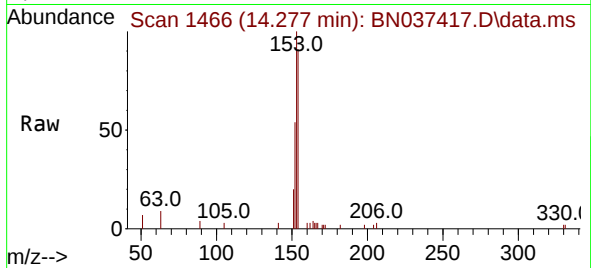




#17  
Acenaphthene  
Concen: 0.386 ng  
RT: 14.277 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

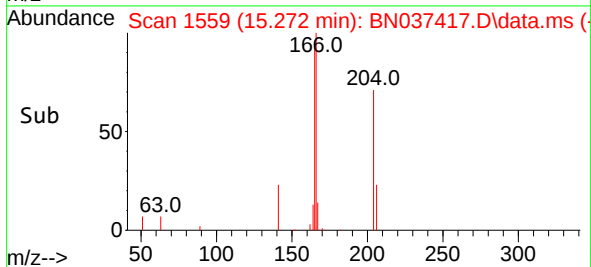
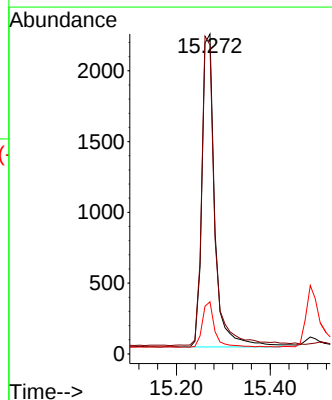
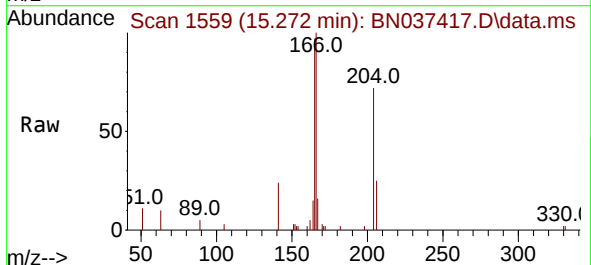
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

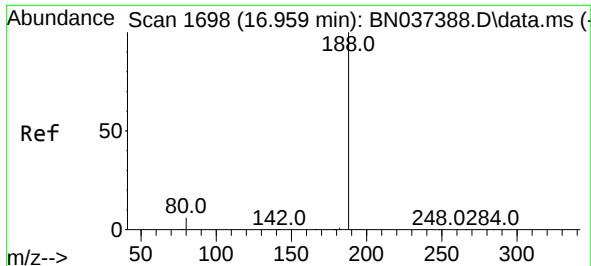
Tgt Ion:154 Resp: 2916  
Ion Ratio Lower Upper  
154 100  
153 116.6 94.6 141.8  
152 62.4 50.2 75.2



#18  
Fluorene  
Concen: 0.394 ng  
RT: 15.272 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:166 Resp: 4204  
Ion Ratio Lower Upper  
166 100  
165 100.0 79.4 119.2  
167 13.7 10.6 15.8

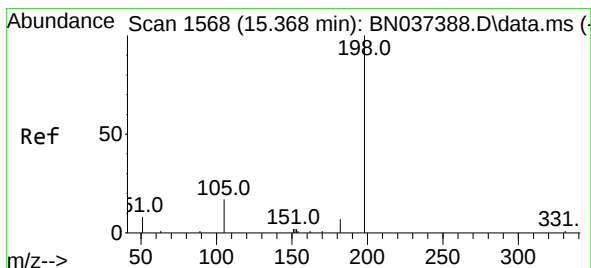
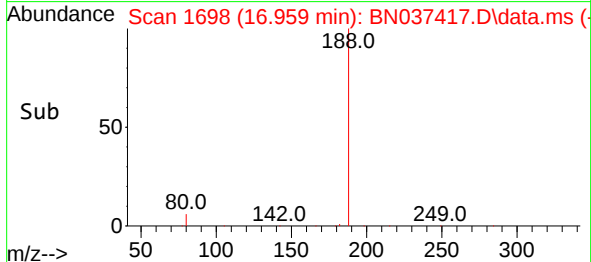
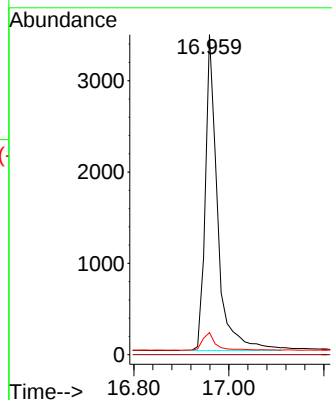
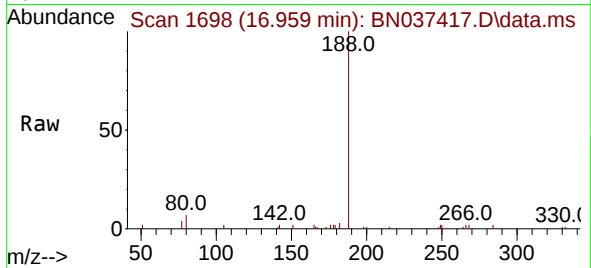




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.959 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

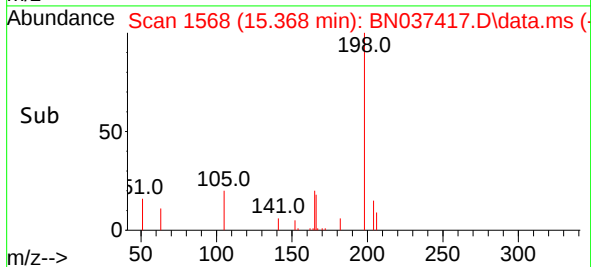
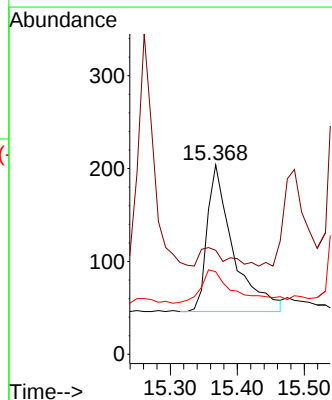
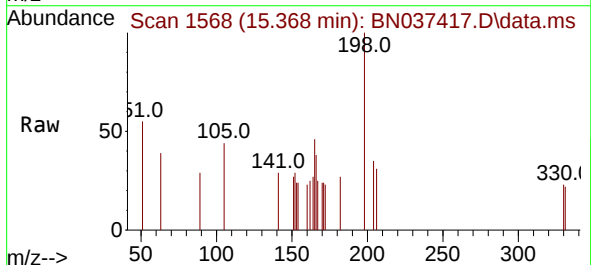
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

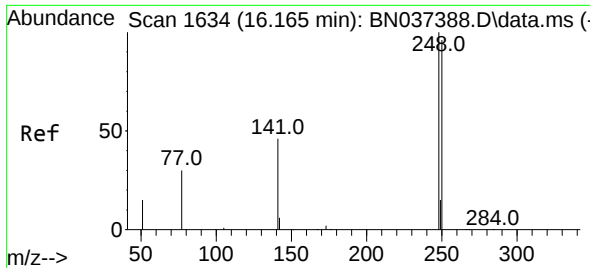
Tgt Ion:188 Resp: 6217  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.9 6.2 9.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.267 ng  
RT: 15.368 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:198 Resp: 427  
Ion Ratio Lower Upper  
198 100  
51 54.9 38.8 58.2  
105 43.6 29.8 44.6

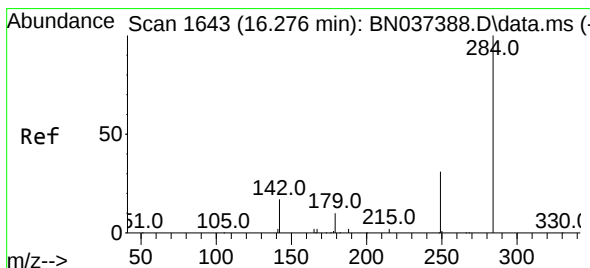
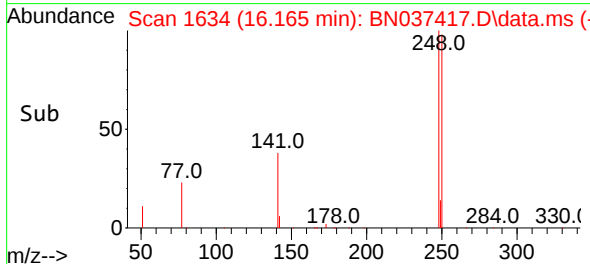
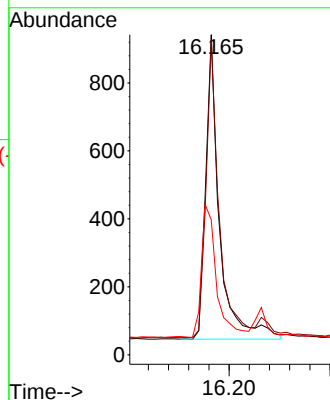
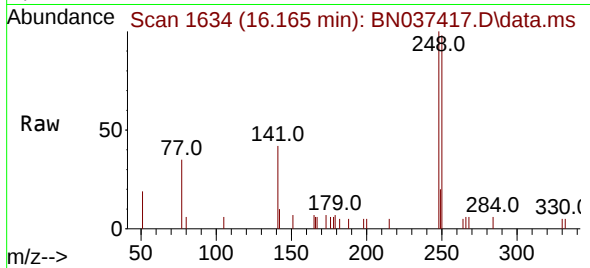




#21  
4-Bromophenyl-phenylether  
Concen: 0.386 ng  
RT: 16.165 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

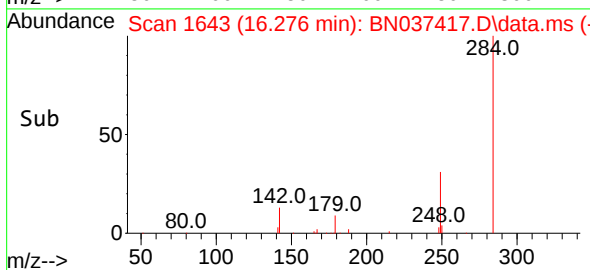
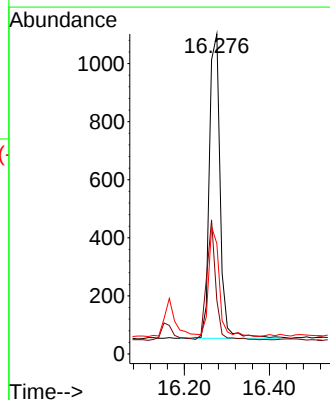
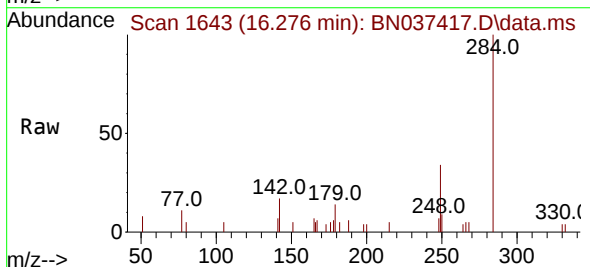
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

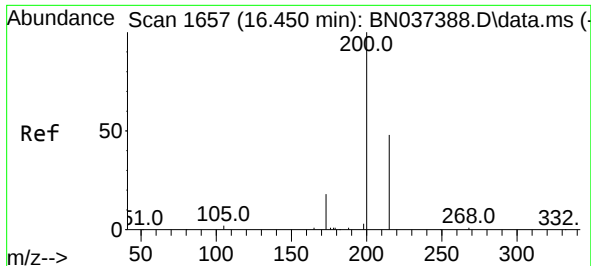
Tgt Ion:248 Resp: 1691  
Ion Ratio Lower Upper  
248 100  
250 98.3 77.0 115.4  
141 42.1 38.7 58.1



#22  
Hexachlorobenzene  
Concen: 0.390 ng  
RT: 16.276 min Scan# 1643  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:284 Resp: 1840  
Ion Ratio Lower Upper  
284 100  
142 33.4 27.2 40.8  
249 35.4 26.7 40.1

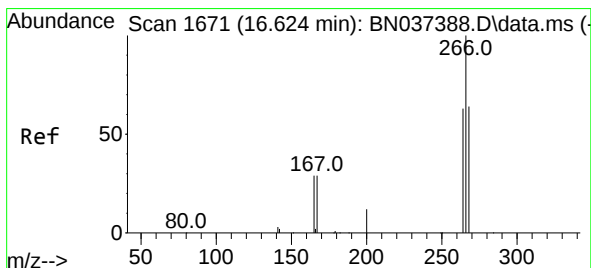
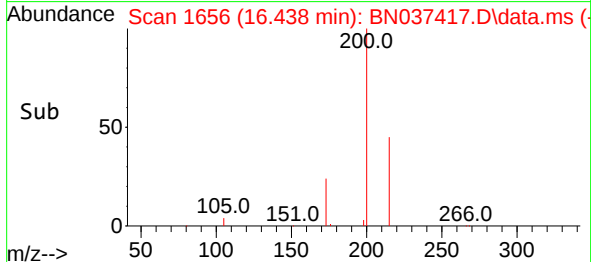
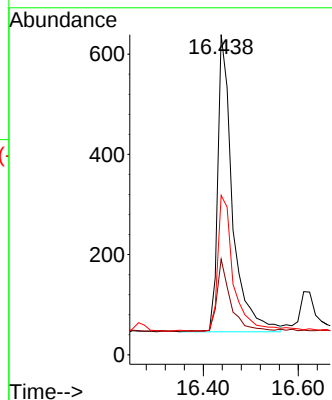
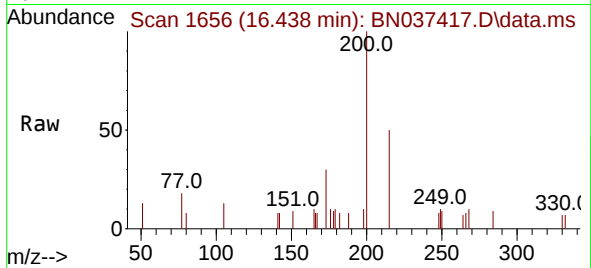




#23  
Atrazine  
Concen: 0.368 ng  
RT: 16.438 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

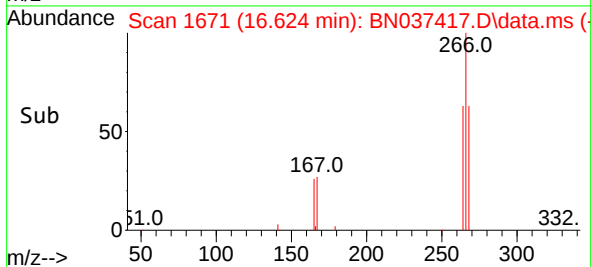
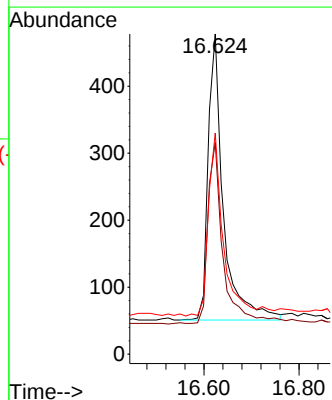
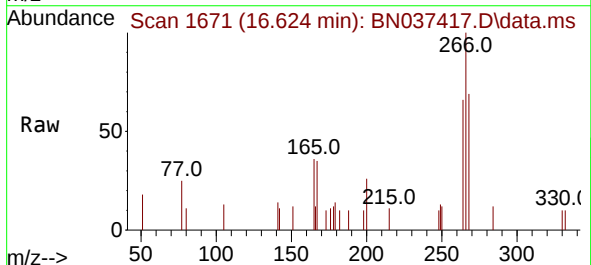
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

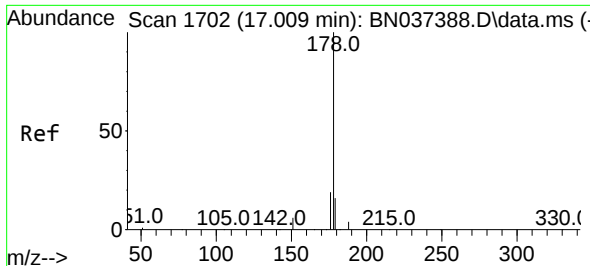
Tgt Ion:200 Resp: 1277  
Ion Ratio Lower Upper  
200 100  
173 29.9 19.0 28.6#  
215 49.8 41.3 61.9



#24  
Pentachlorophenol  
Concen: 0.374 ng  
RT: 16.624 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:266 Resp: 952  
Ion Ratio Lower Upper  
266 100  
264 62.7 49.2 73.8  
268 64.8 54.2 81.4

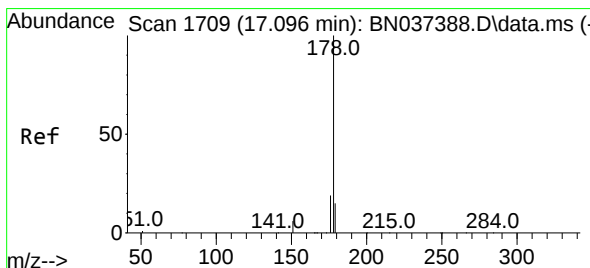
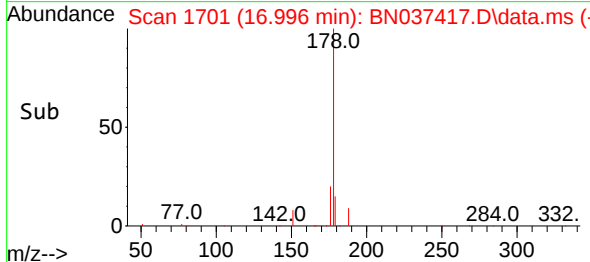
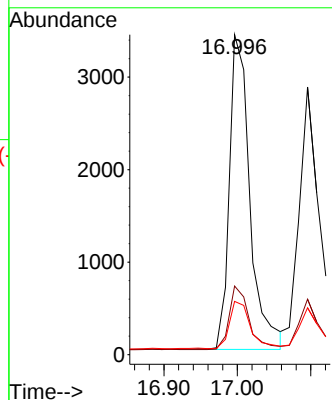
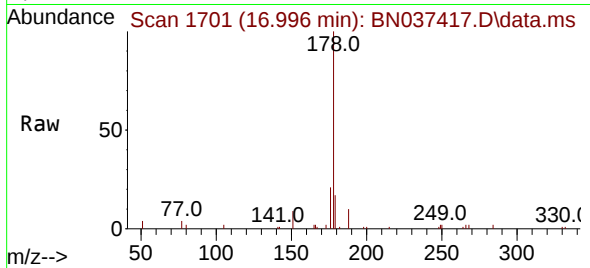




#25  
 Phenanthrene  
 Concen: 0.378 ng  
 RT: 16.996 min Scan# 1701  
 Delta R.T. -0.012 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

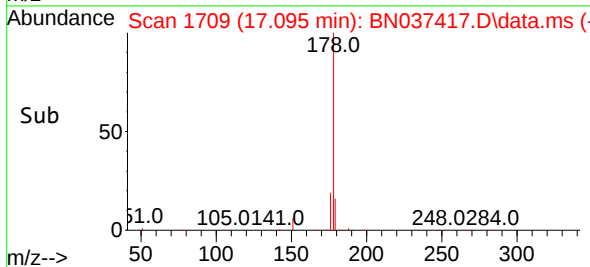
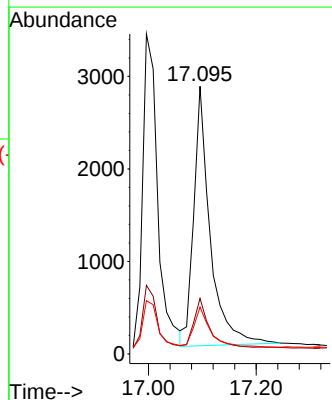
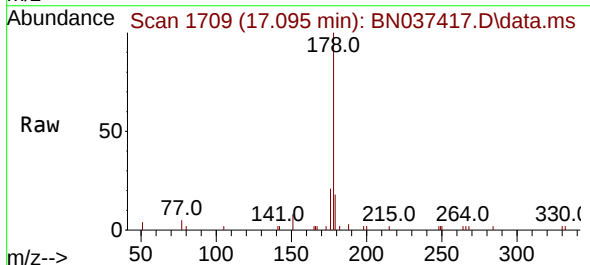
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

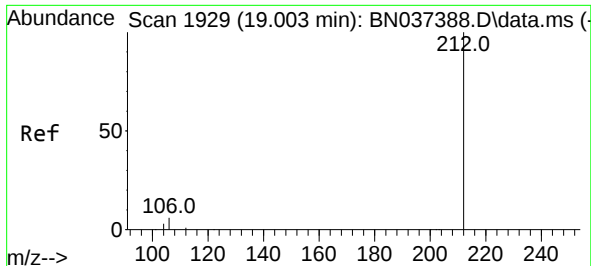
Tgt Ion:178 Resp: 6626  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.6 23.4  
 179 15.7 12.8 19.2



#26  
 Anthracene  
 Concen: 0.368 ng  
 RT: 17.095 min Scan# 1709  
 Delta R.T. -0.000 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

Tgt Ion:178 Resp: 5931  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.9 22.3  
 179 15.9 12.4 18.6

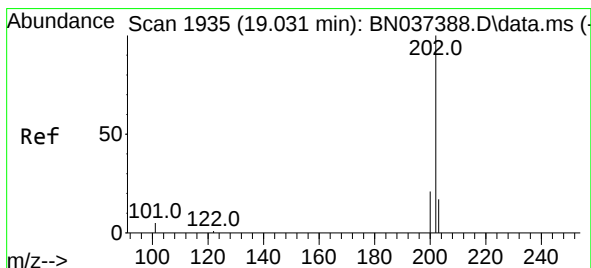
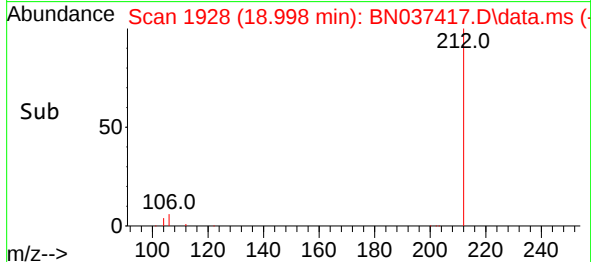
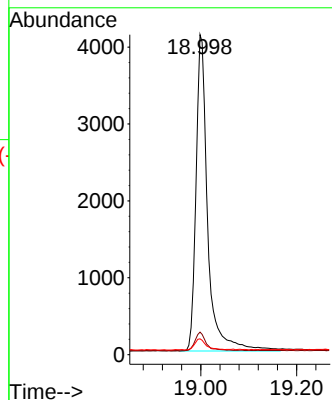
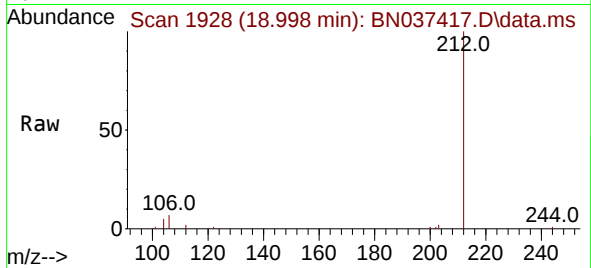




#27  
Fluoranthene-d10  
Concen: 0.393 ng  
RT: 18.998 min Scan# 1928  
Delta R.T. -0.005 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

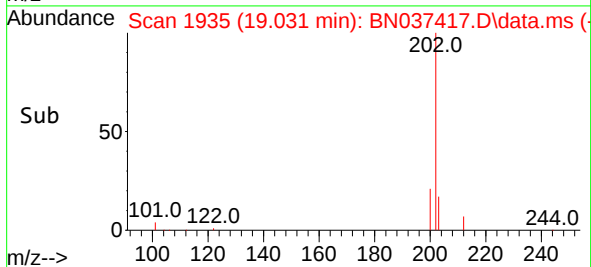
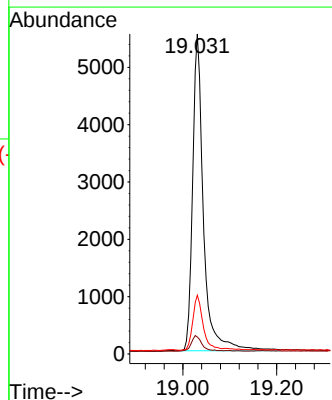
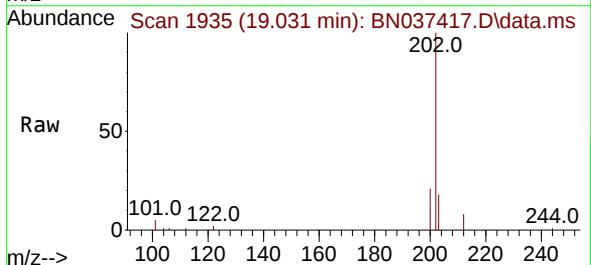
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

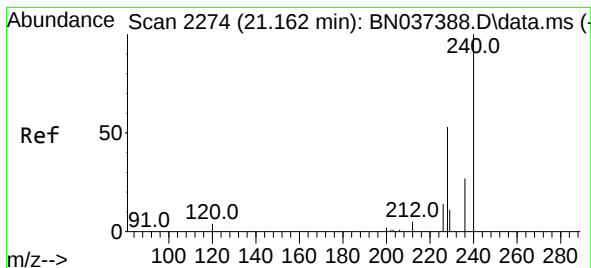
Tgt Ion:212 Resp: 7000  
Ion Ratio Lower Upper  
212 100  
106 5.7 4.5 6.7  
104 3.4 2.7 4.1



#28  
Fluoranthene  
Concen: 0.398 ng  
RT: 19.031 min Scan# 1935  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:202 Resp: 8900  
Ion Ratio Lower Upper  
202 100  
101 4.8 3.8 5.6  
203 16.4 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

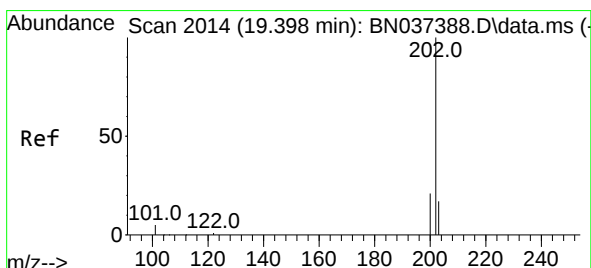
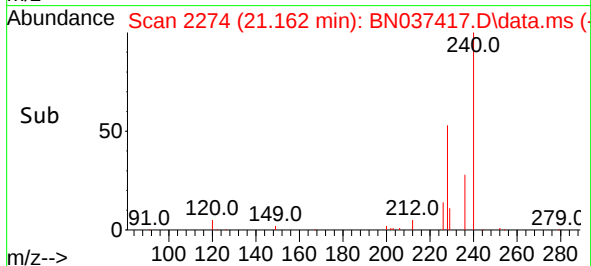
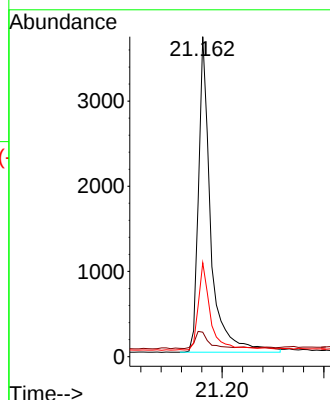
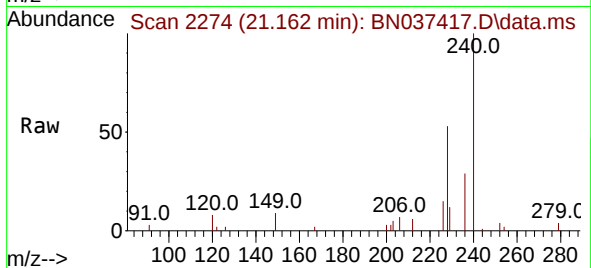
Tgt Ion:240 Resp: 6164

Ion Ratio Lower Upper

240 100

120 7.6 5.3 7.9

236 29.3 22.7 34.1



#30

Pyrene

Concen: 0.388 ng

RT: 19.393 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

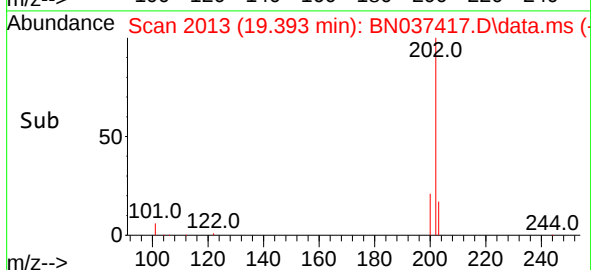
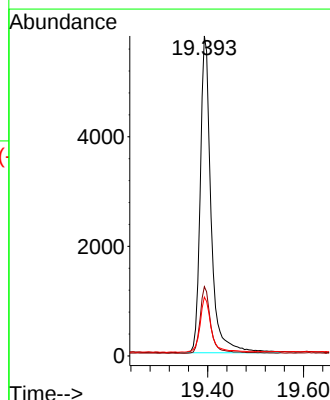
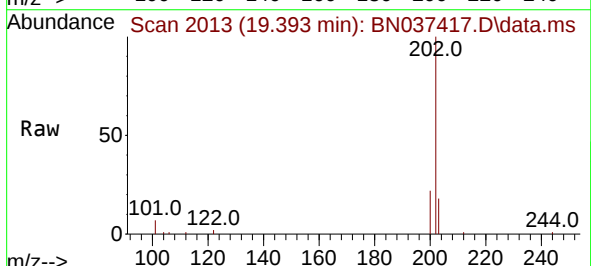
Tgt Ion:202 Resp: 9051

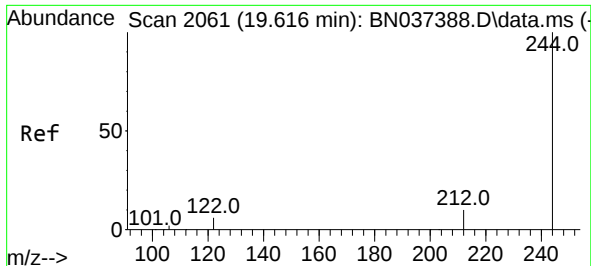
Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

203 17.9 14.2 21.2

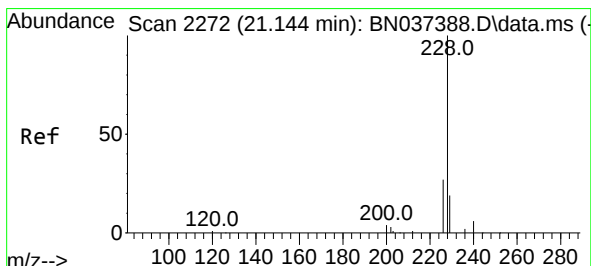
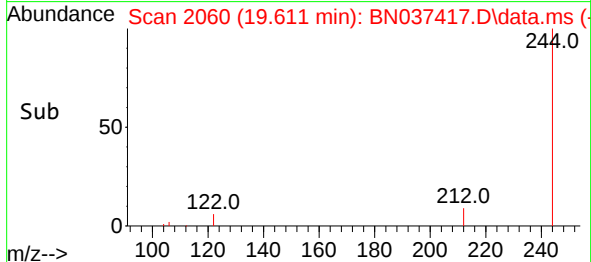
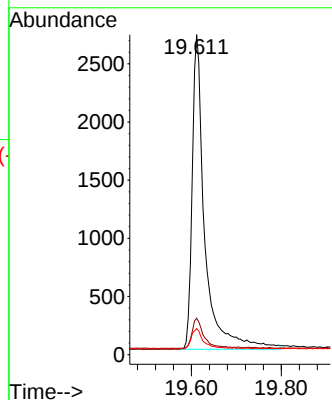
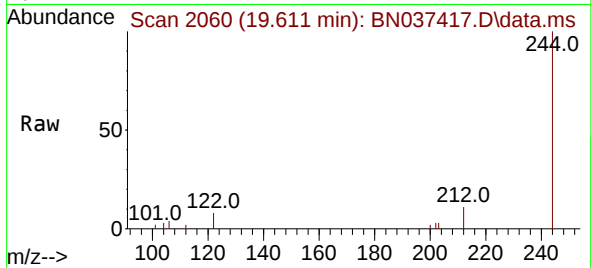




#31  
 Terphenyl-d14  
 Concen: 0.401 ng  
 RT: 19.611 min Scan# 2061  
 Delta R.T. -0.005 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

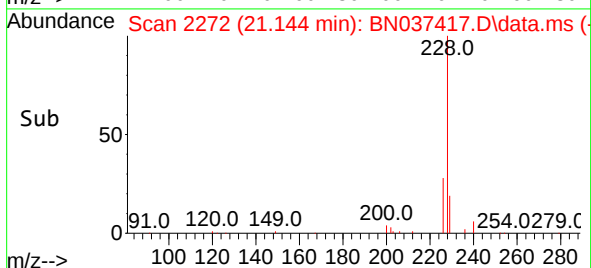
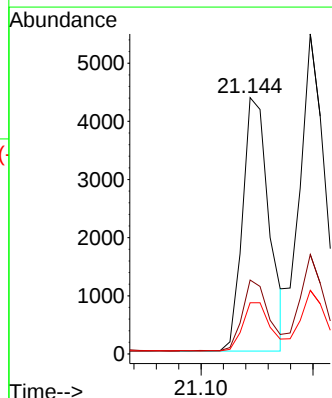
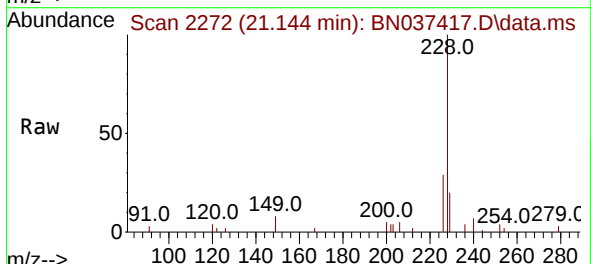
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

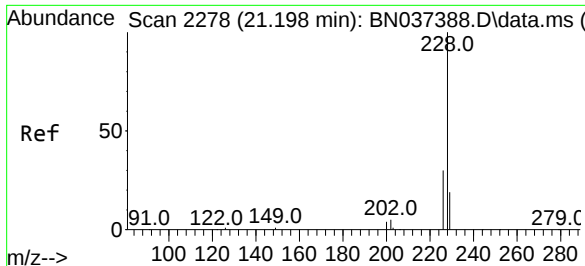
Tgt Ion:244 Resp: 5266  
 Ion Ratio Lower Upper  
 244 100  
 212 11.4 9.1 13.7  
 122 8.1 6.3 9.5



#32  
 Benzo(a)anthracene  
 Concen: 0.371 ng  
 RT: 21.144 min Scan# 2272  
 Delta R.T. -0.000 min  
 Lab File: BN037417.D  
 Acq: 27 Jun 2025 10:09

Tgt Ion:228 Resp: 7188  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 22.6 34.0  
 229 20.0 16.2 24.2

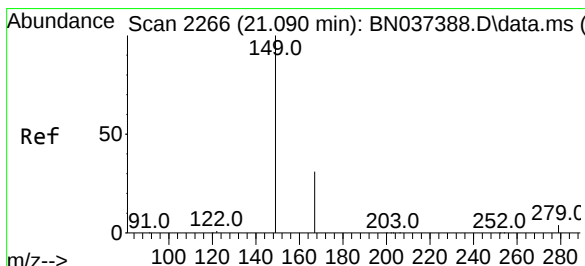
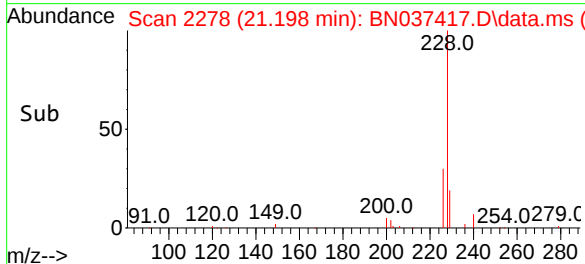
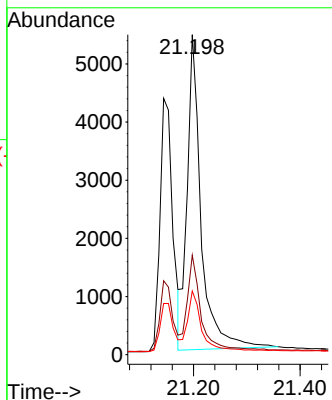
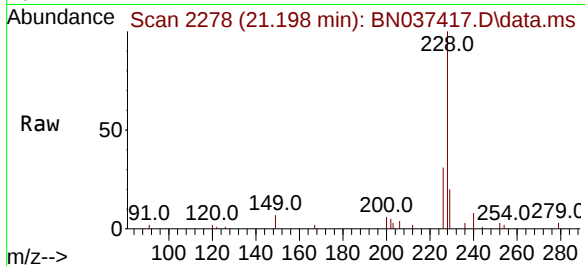




#33  
Chrysene  
Concen: 0.409 ng  
RT: 21.198 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

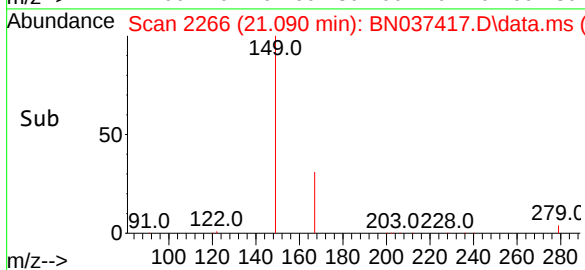
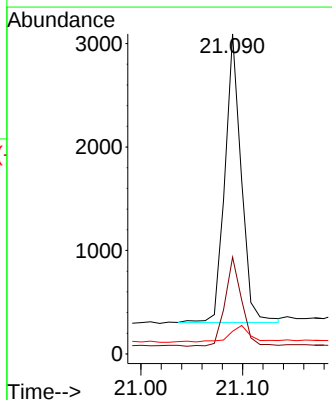
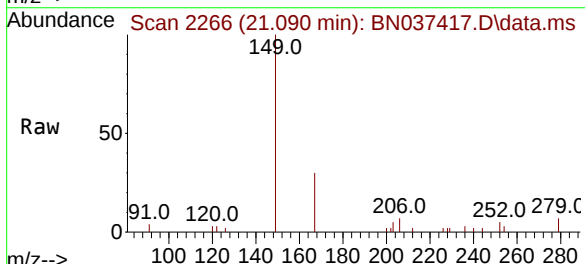
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

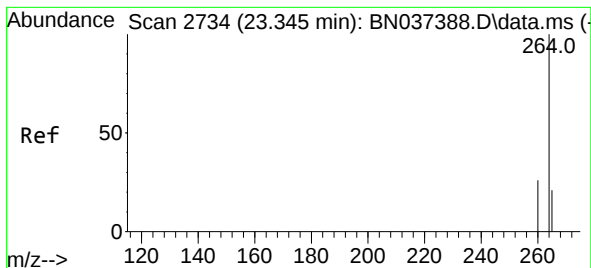
Tgt Ion:228 Resp: 9810  
Ion Ratio Lower Upper  
228 100  
226 31.1 24.5 36.7  
229 19.9 16.1 24.1



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.405 ng  
RT: 21.090 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:149 Resp: 3108  
Ion Ratio Lower Upper  
149 100  
167 31.5 24.8 37.2  
279 6.5 5.0 7.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037417.D

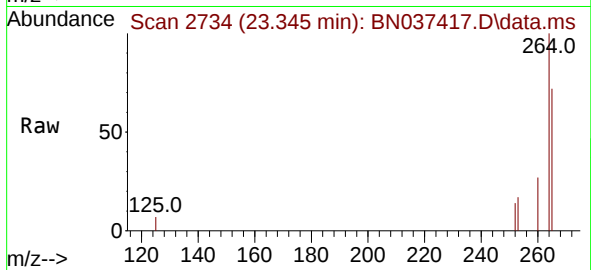
Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



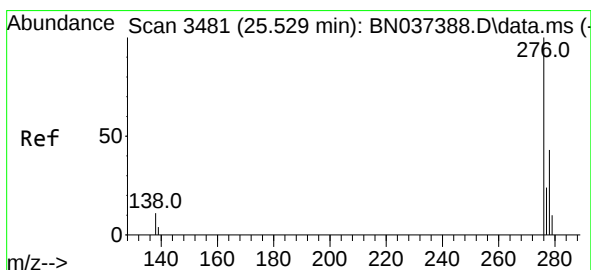
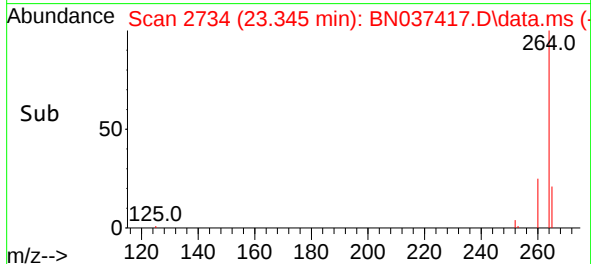
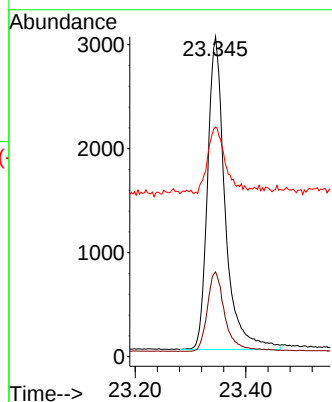
Tgt Ion:264 Resp: 6622

Ion Ratio Lower Upper

264 100

260 26.5 21.4 32.0

265 71.8 56.2 84.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng

RT: 25.526 min Scan# 3480

Delta R.T. -0.003 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

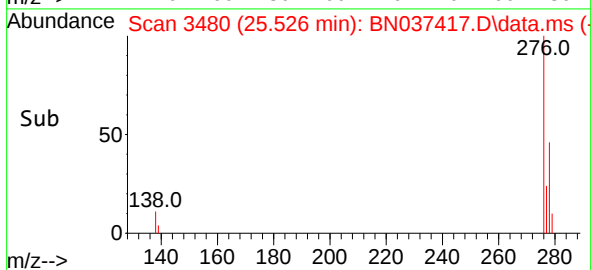
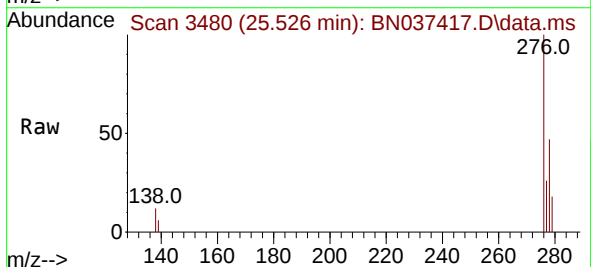
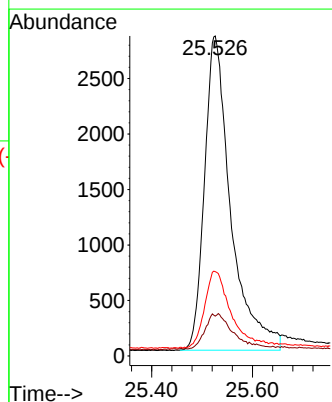
Tgt Ion:276 Resp: 10251

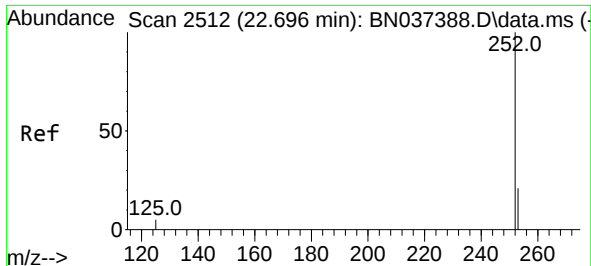
Ion Ratio Lower Upper

276 100

138 4.5 8.5 12.7#

277 24.6 19.7 29.5

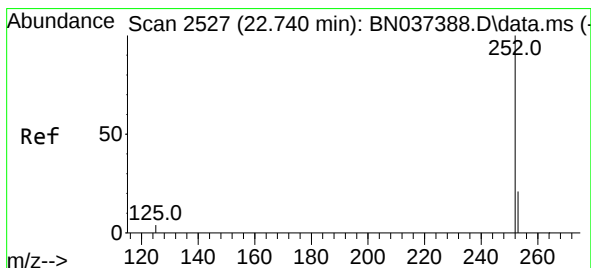
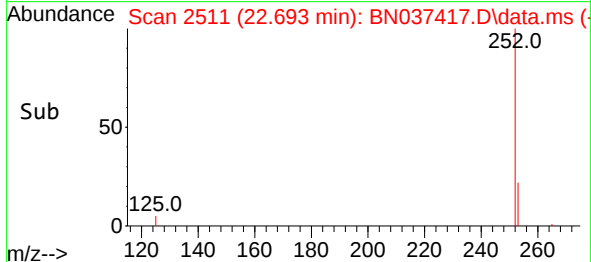
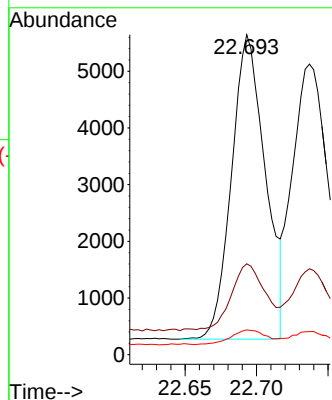
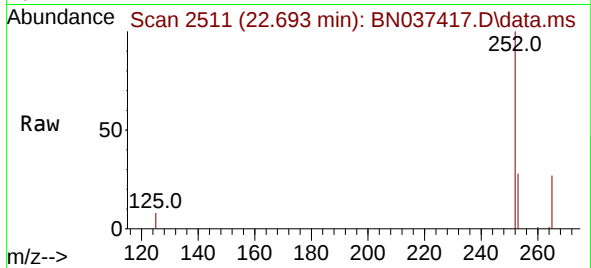




#37  
Benzo(b)fluoranthene  
Concen: 0.379 ng  
RT: 22.693 min Scan# 2511  
Delta R.T. -0.003 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

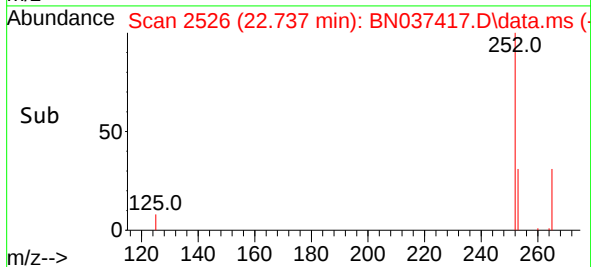
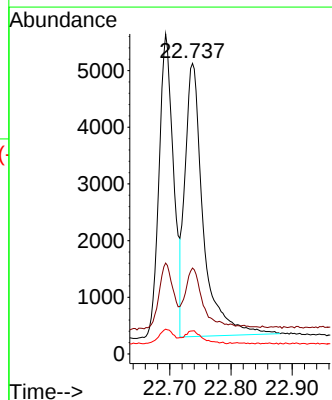
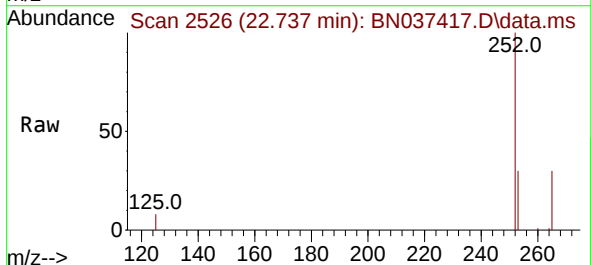
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

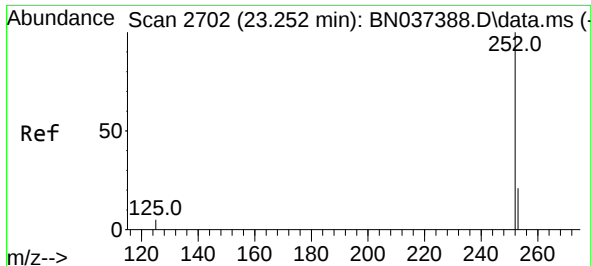
Tgt Ion:252 Resp: 8842  
Ion Ratio Lower Upper  
252 100  
253 28.4 22.8 34.2  
125 7.8 6.2 9.4



#38  
Benzo(k)fluoranthene  
Concen: 0.401 ng  
RT: 22.737 min Scan# 2526  
Delta R.T. -0.003 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Tgt Ion:252 Resp: 9995  
Ion Ratio Lower Upper  
252 100  
253 29.6 23.2 34.8  
125 7.9 6.0 9.0





#39

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.252 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

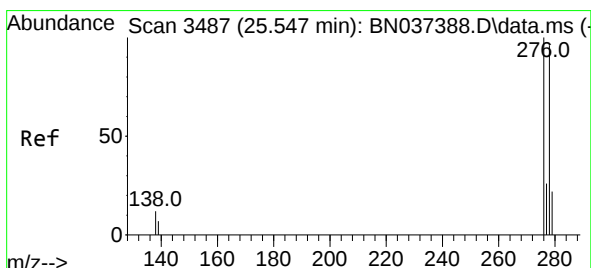
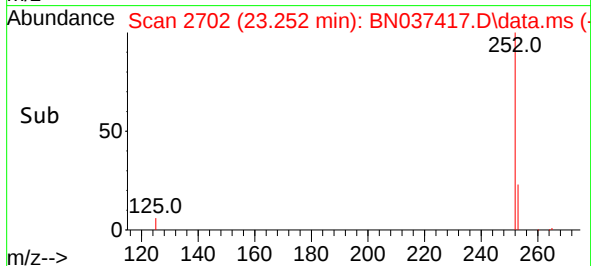
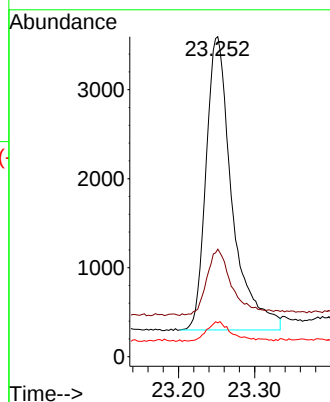
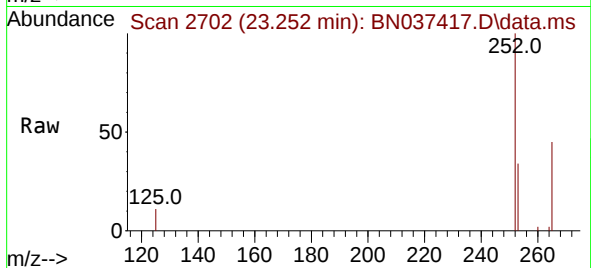
Tgt Ion:252 Resp: 7817

Ion Ratio Lower Upper

252 100

253 33.6 25.6 38.4

125 10.6 7.5 11.3



#40

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 25.544 min Scan# 3486

Delta R.T. -0.003 min

Lab File: BN037417.D

Acq: 27 Jun 2025 10:09

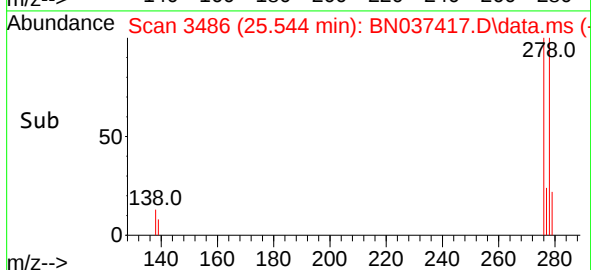
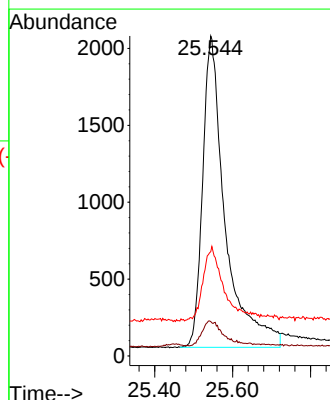
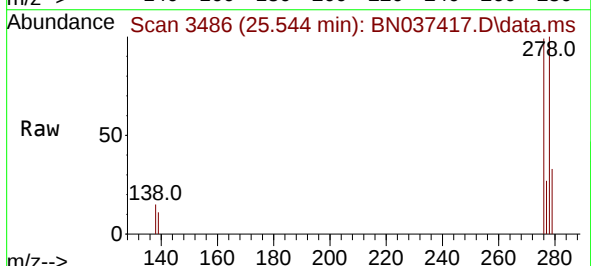
Tgt Ion:278 Resp: 8118

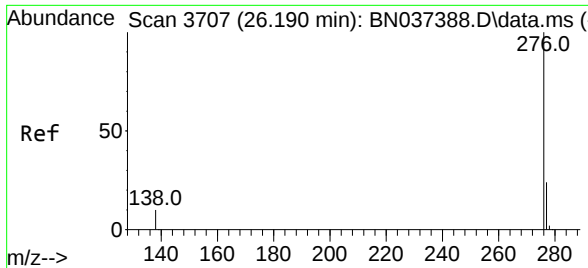
Ion Ratio Lower Upper

278 100

139 10.8 8.5 12.7

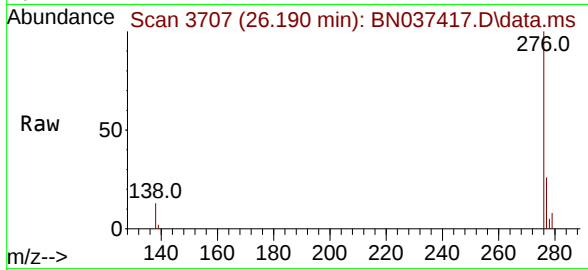
279 32.6 27.5 41.3





#41  
Benzo(g,h,i)perylene  
Concen: 0.383 ng  
RT: 26.190 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN037417.D  
Acq: 27 Jun 2025 10:09

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:276 Resp: 9826  
Ion Ratio Lower Upper  
276 100  
277 25.7 21.0 31.4  
138 12.5 9.6 14.4

