

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037227.D  
 Acq On : 13 Jun 2025 14:46  
 Operator : RC/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Jun 13 18:37:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:34:15 2025  
 Response via : Initial Calibration

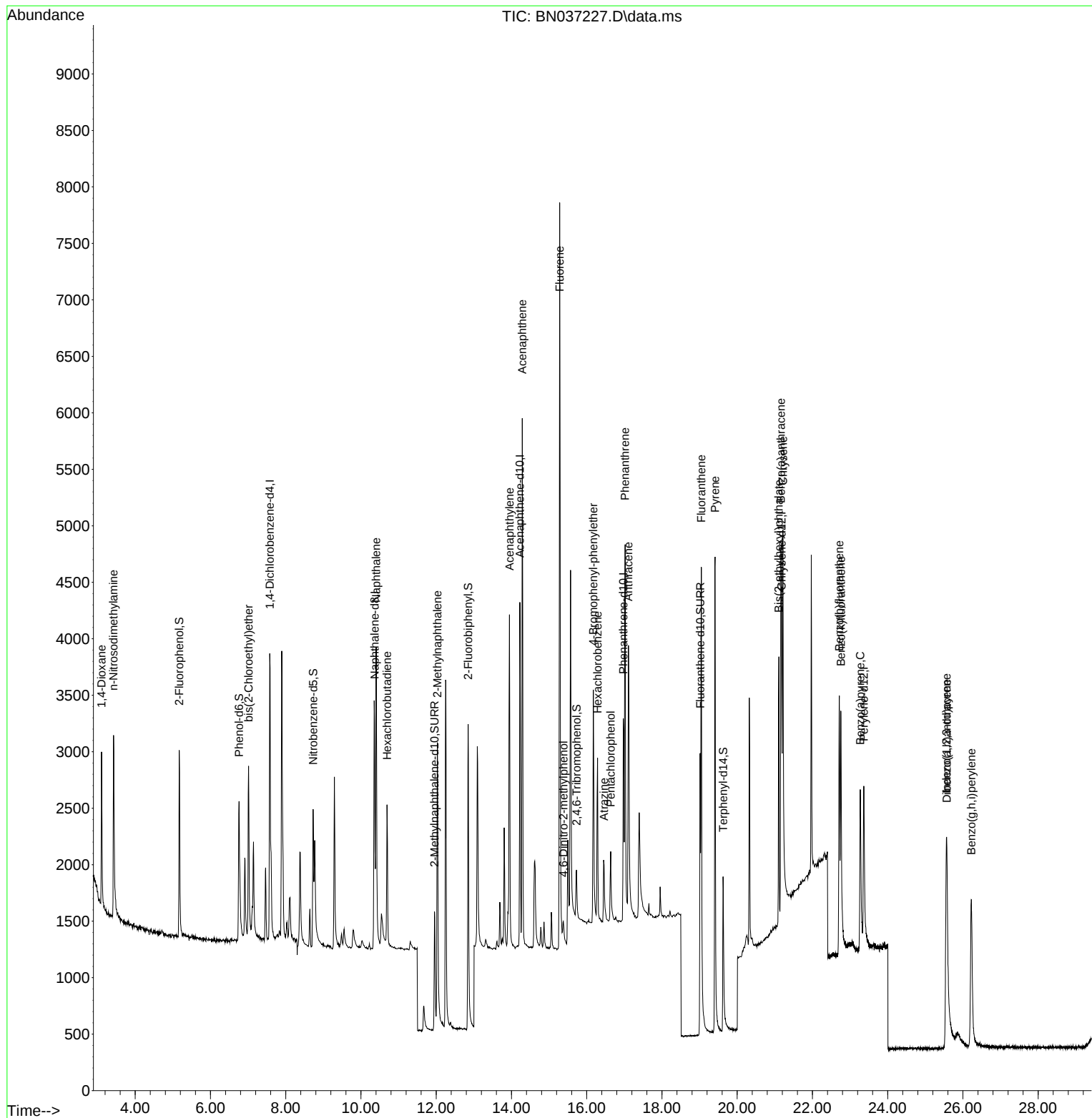
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1287     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.361 | 136  | 3210     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1738     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 3195     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.179 | 240  | 2284     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.365 | 264  | 2150     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 1212     | 0.383 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1239     | 0.372 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 1234     | 0.389 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.955 | 152  | 1787     | 0.415 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 298      | 0.413 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.848 | 172  | 2952     | 0.404 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.017 | 212  | 3364     | 0.402 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.625 | 244  | 2160     | 0.418 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 676      | 0.383 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.422  | 42   | 1644     | 0.409 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.011  | 93   | 1120     | 0.375 | ng    | 100      |
| 9) Naphthalene                | 10.404 | 128  | 3636     | 0.391 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.692 | 225  | 968      | 0.428 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.031 | 142  | 2261     | 0.400 | ng    | 100      |
| 16) Acenaphthylene            | 13.946 | 152  | 3250     | 0.382 | ng    | 100      |
| 17) Acenaphthene              | 14.288 | 154  | 2155     | 0.392 | ng    | 100      |
| 18) Fluorene                  | 15.282 | 166  | 2768     | 0.392 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 211      | 0.368 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 780      | 0.375 | ng    | 100      |
| 22) Hexachlorobenzene         | 16.289 | 284  | 994      | 0.412 | ng    | 100      |
| 23) Atrazine                  | 16.462 | 200  | 710      | 0.382 | ng    | 100      |
| 24) Pentachlorophenol         | 16.636 | 266  | 397      | 0.336 | ng    | 100      |
| 25) Phenanthrene              | 17.021 | 178  | 3790     | 0.374 | ng    | 100      |
| 26) Anthracene                | 17.108 | 178  | 3450     | 0.372 | ng    | 100      |
| 28) Fluoranthene              | 19.045 | 202  | 4510     | 0.380 | ng    | 100      |
| 30) Pyrene                    | 19.412 | 202  | 4482     | 0.417 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.162 | 228  | 2798     | 0.363 | ng    | 100      |
| 33) Chrysene                  | 21.215 | 228  | 3871     | 0.403 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.108 | 149  | 2338     | 0.407 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.561 | 276  | 3239     | 0.374 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.713 | 252  | 2958     | 0.376 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.754 | 252  | 3501     | 0.388 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.272 | 252  | 2653     | 0.375 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.573 | 278  | 2256     | 0.345 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.222 | 276  | 3099     | 0.385 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

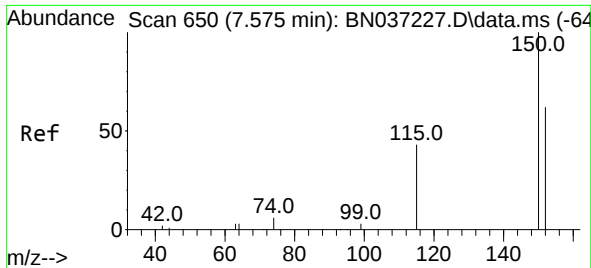
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
Data File : BN037227.D  
Acq On : 13 Jun 2025 14:46  
Operator : RC/JU  
Sample : SSTDICCC0.4  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

Quant Time: Jun 13 18:37:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:34:15 2025  
Response via : Initial Calibration

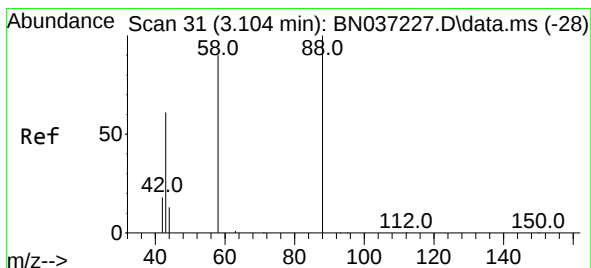
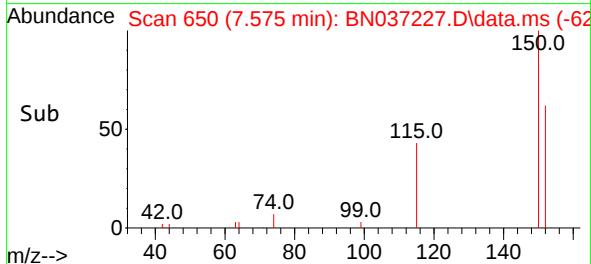
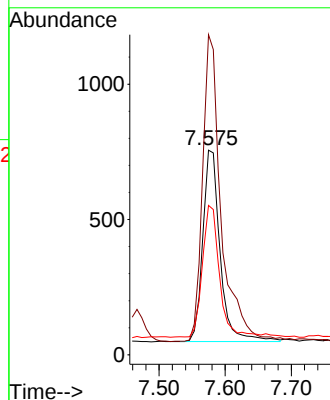
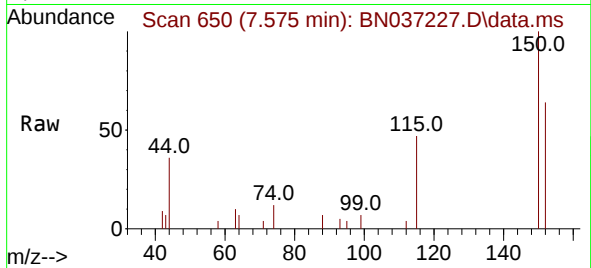




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

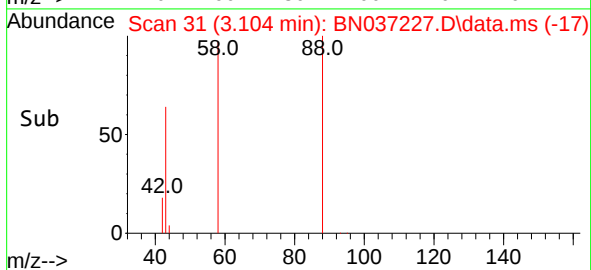
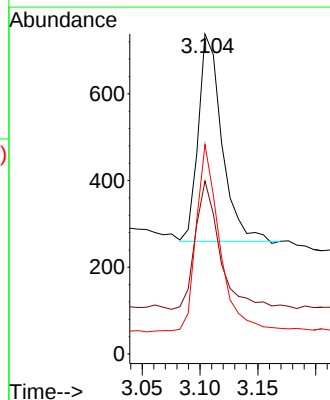
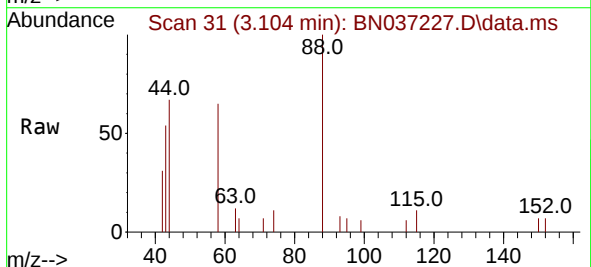
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

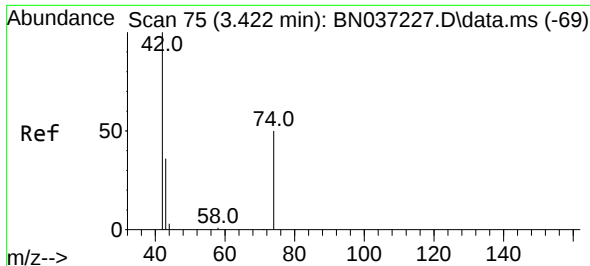
Tgt Ion:152 Resp: 1287  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 125.2 187.8  
 115 73.0 58.4 87.6



#2  
 1,4-Dioxane  
 Concen: 0.383 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

Tgt Ion: 88 Resp: 676  
 Ion Ratio Lower Upper  
 88 100  
 43 65.8 52.6 79.0  
 58 91.9 73.5 110.3

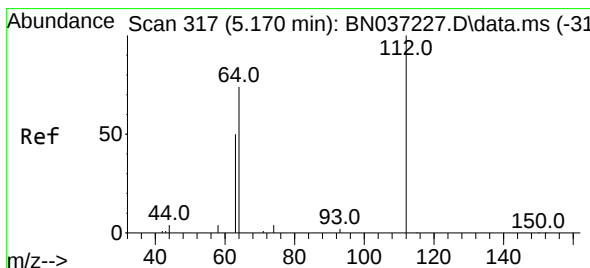
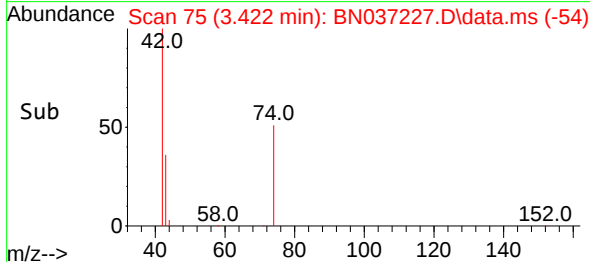
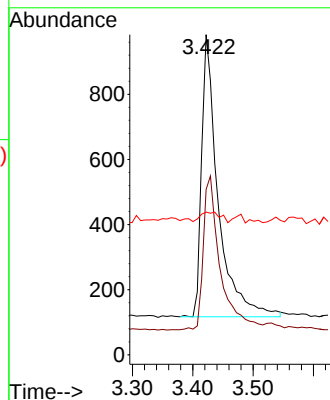
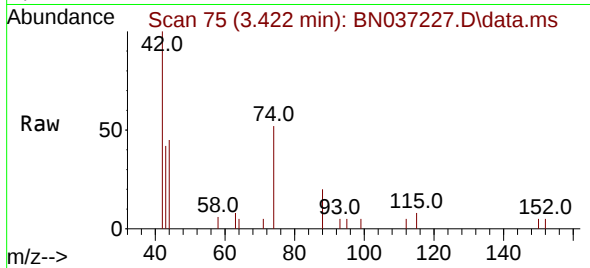




#3  
 n-Nitrosodimethylamine  
 Concen: 0.409 ng  
 RT: 3.422 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

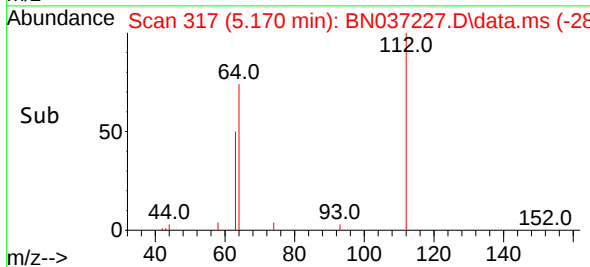
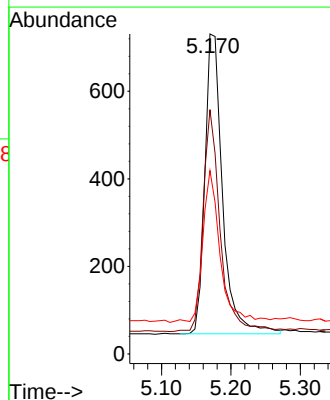
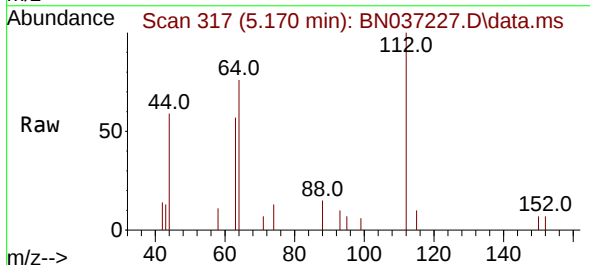
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

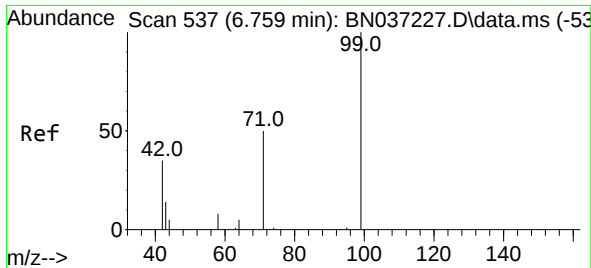
Tgt Ion: 42 Resp: 1644  
 Ion Ratio Lower Upper  
 42 100  
 74 55.7 44.6 66.8  
 44 4.4 3.5 5.3



#4  
 2-Fluorophenol  
 Concen: 0.383 ng  
 RT: 5.170 min Scan# 317  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

Tgt Ion: 112 Resp: 1212  
 Ion Ratio Lower Upper  
 112 100  
 64 71.5 57.2 85.8  
 63 49.7 39.8 59.6

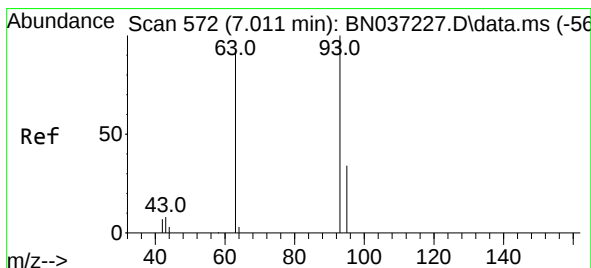
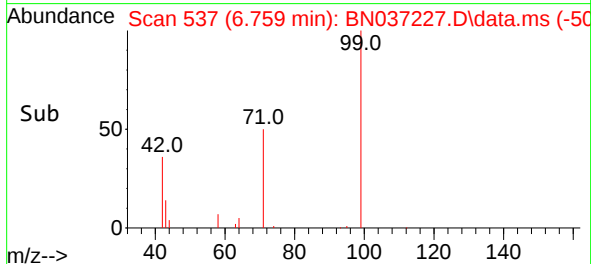
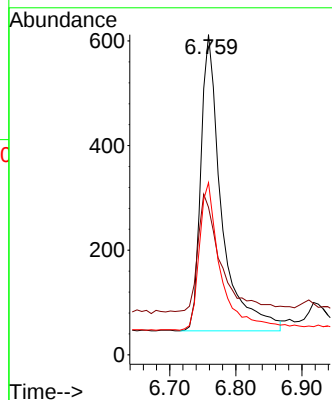
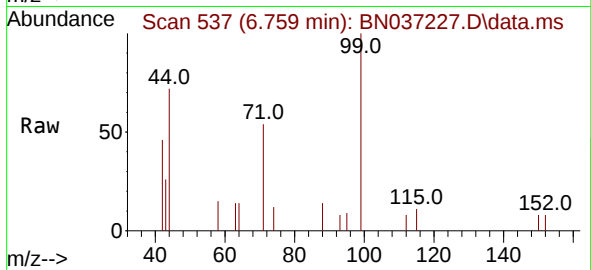




#5  
Phenol-d6  
Concen: 0.372 ng  
RT: 6.759 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

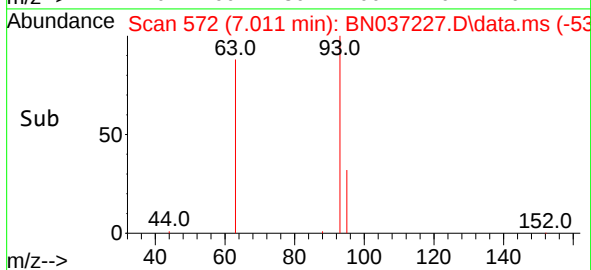
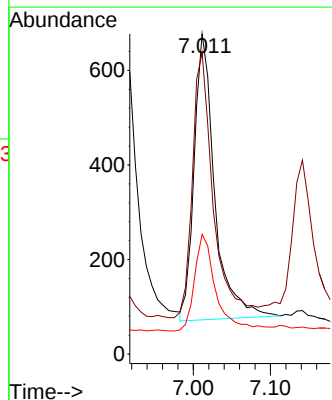
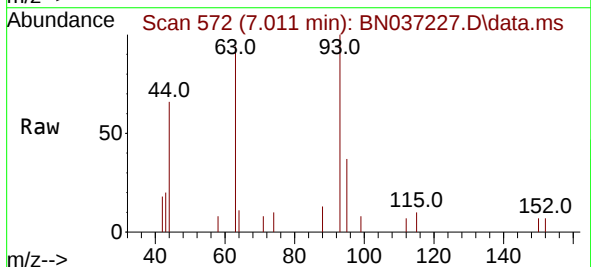
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

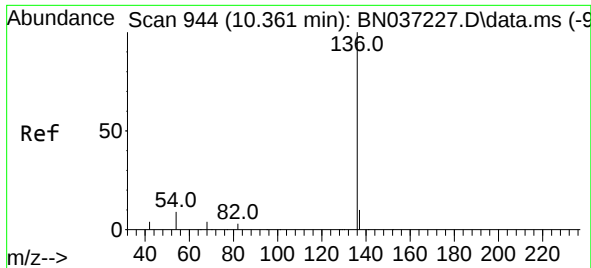
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1239  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 45.3  | 36.2  | 54.4  |
| 71       | 53.0  | 42.4  | 63.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.375 ng  
RT: 7.011 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1120  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 94.0  | 75.2  | 112.8 |
| 95       | 35.4  | 28.3  | 42.5  |

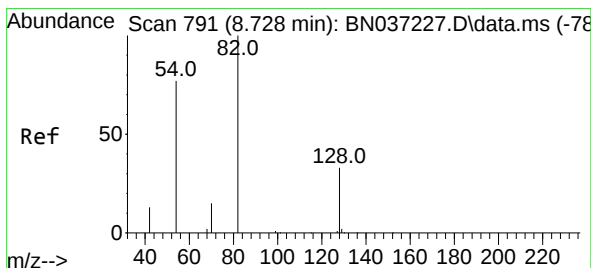
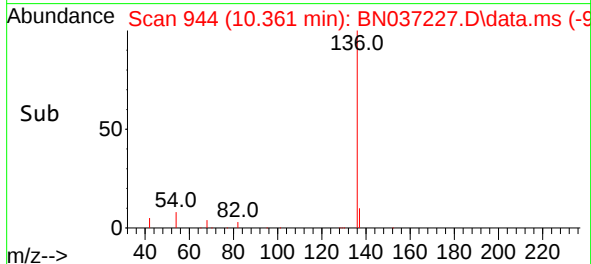
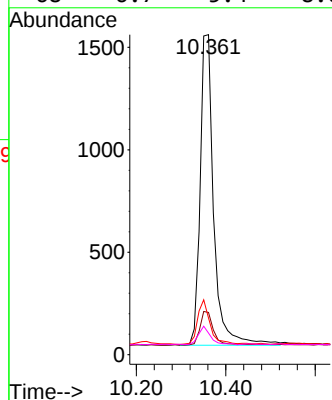
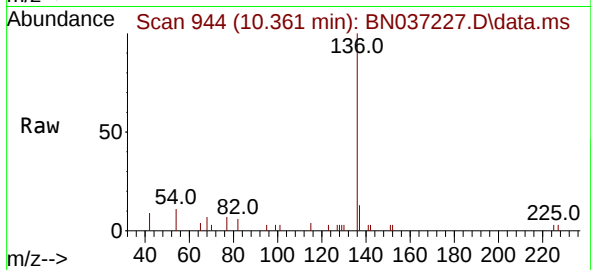




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.361 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

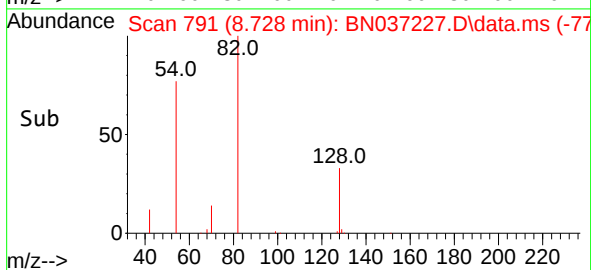
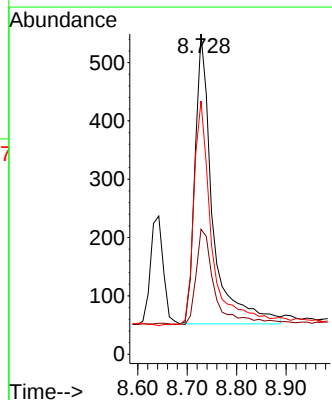
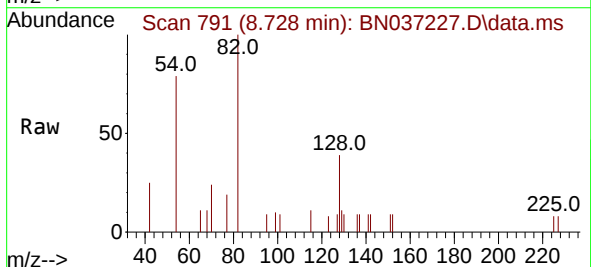
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

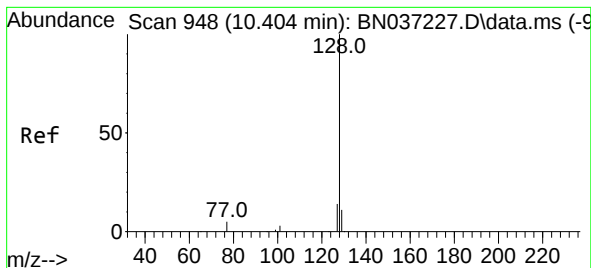
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3210  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.2  | 10.6  | 15.8  |
| 54       | 11.5  | 9.2   | 13.8  |
| 68       | 6.7   | 5.4   | 8.0   |



#8  
Nitrobenzene-d5  
Concen: 0.389 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1234  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.0  | 31.2  | 46.8  |
| 54       | 79.1  | 63.3  | 94.9  |





#9

Naphthalene

Concen: 0.391 ng

RT: 10.404 min Scan# 948

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

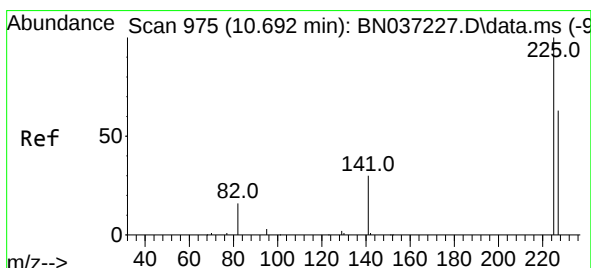
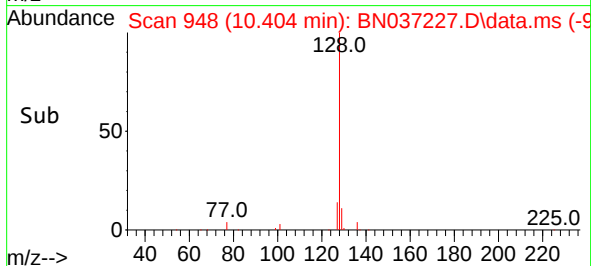
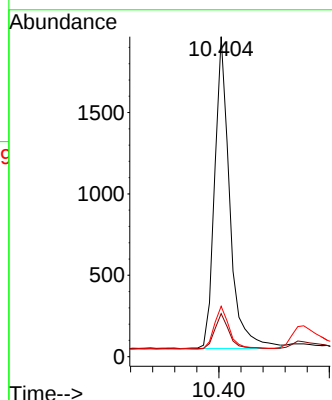
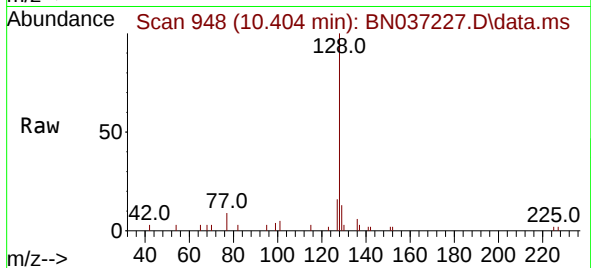
Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 3636 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.4  | 10.7  | 16.1 |
| 127       | 15.8  | 12.6  | 19.0 |



#10

Hexachlorobutadiene

Concen: 0.428 ng

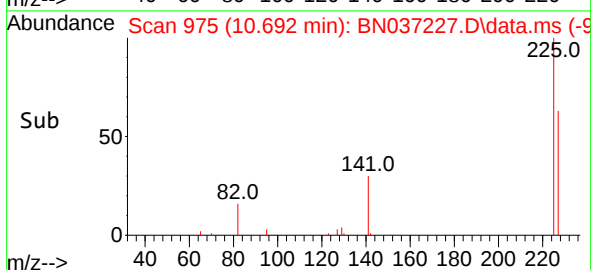
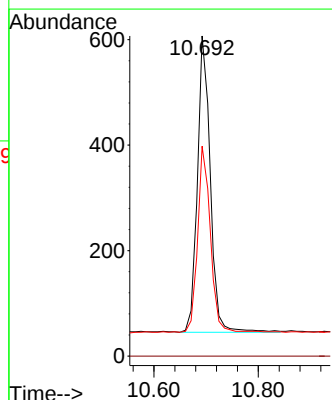
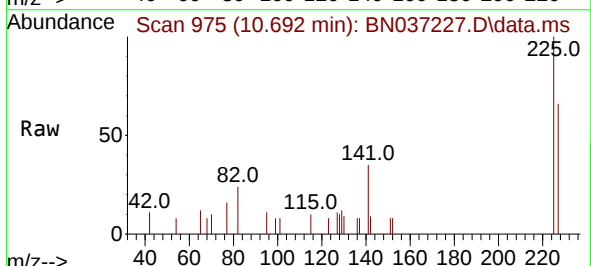
RT: 10.692 min Scan# 975

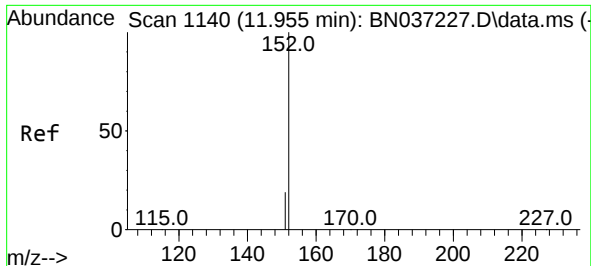
Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 968  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 61.6  | 49.2  | 73.8 |

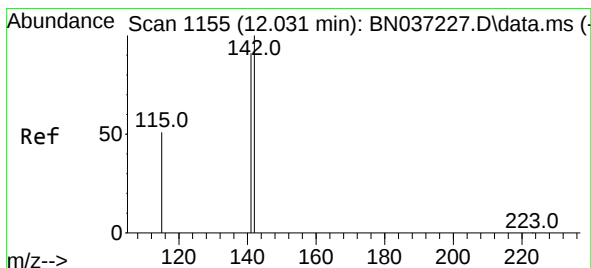
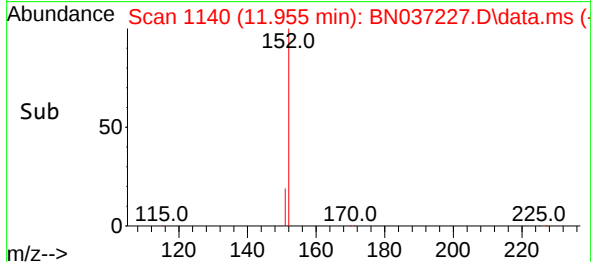
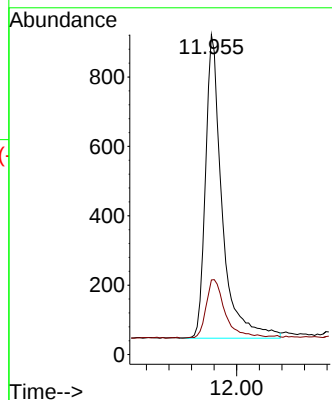
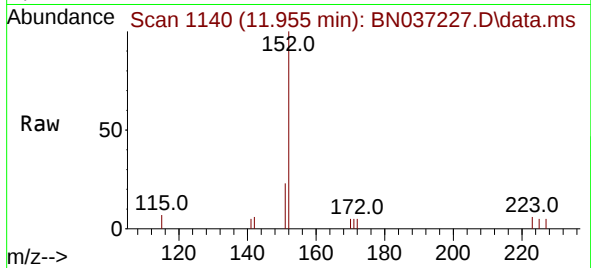




#11  
2-Methylnaphthalene-d10  
Concen: 0.415 ng  
RT: 11.955 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

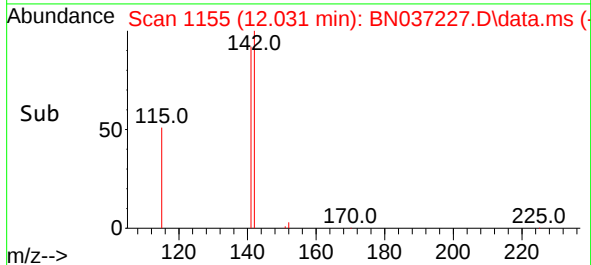
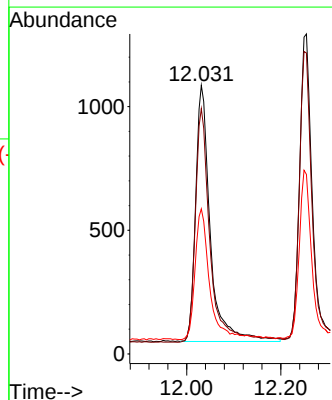
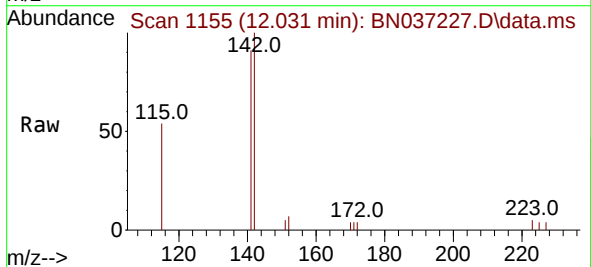
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

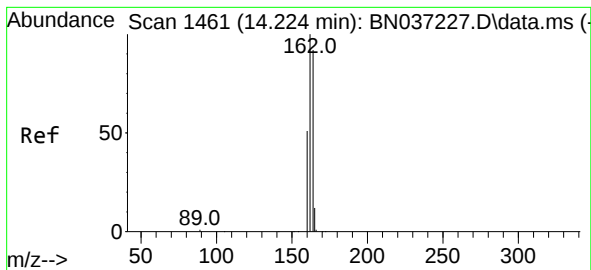
Tgt Ion:152 Resp: 1787  
Ion Ratio Lower Upper  
152 100  
151 22.4 17.9 26.9



#12  
2-Methylnaphthalene  
Concen: 0.400 ng  
RT: 12.031 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

Tgt Ion:142 Resp: 2261  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.0 109.6  
115 54.1 43.3 64.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

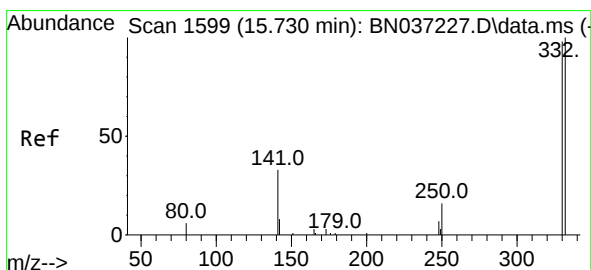
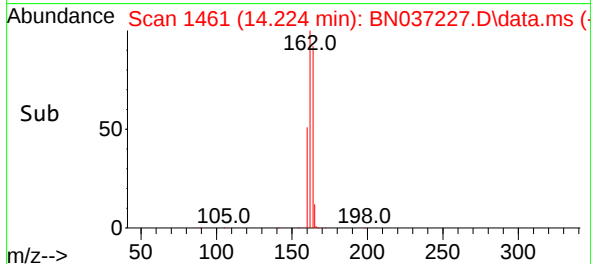
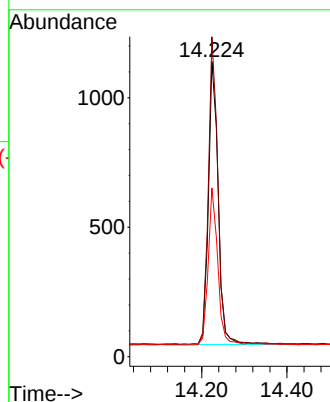
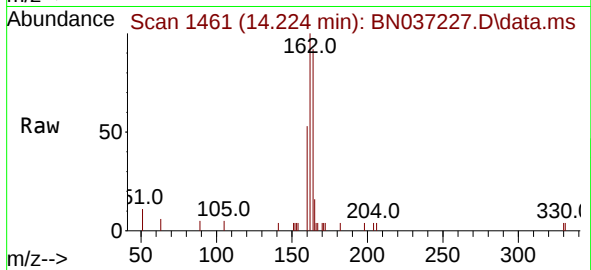
Tgt Ion:164 Resp: 1738

Ion Ratio Lower Upper

164 100

162 108.4 86.7 130.1

160 57.2 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.413 ng

RT: 15.730 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

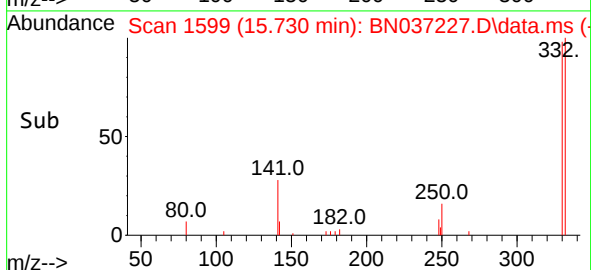
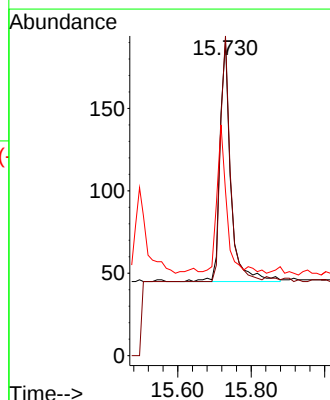
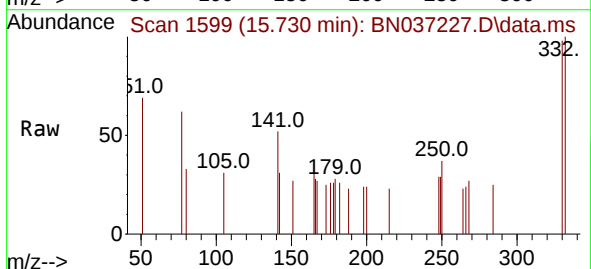
Tgt Ion:330 Resp: 298

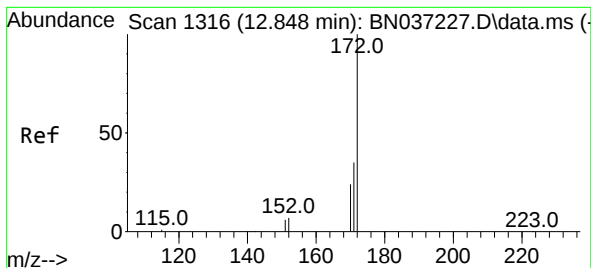
Ion Ratio Lower Upper

330 100

332 93.6 74.9 112.3

141 56.4 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 12.848 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

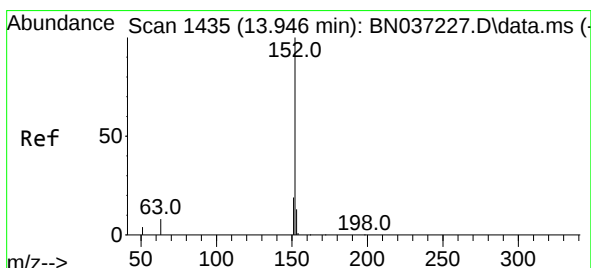
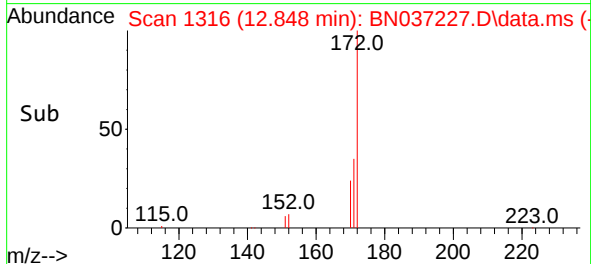
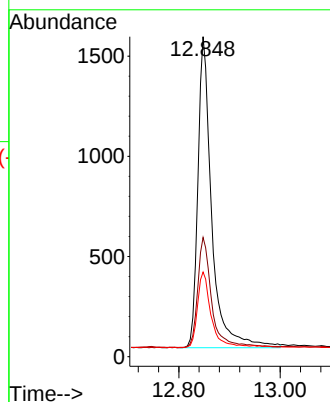
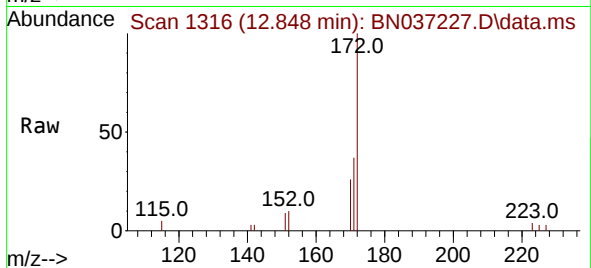
Tgt Ion:172 Resp: 2952

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.8

170 26.4 21.1 31.7



#16

Acenaphthylene

Concen: 0.382 ng

RT: 13.946 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

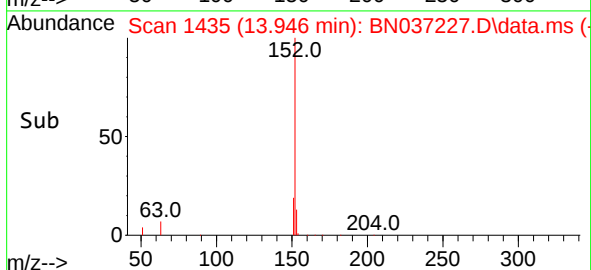
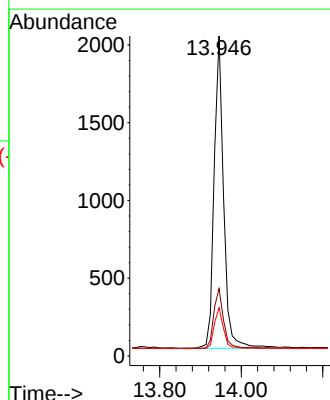
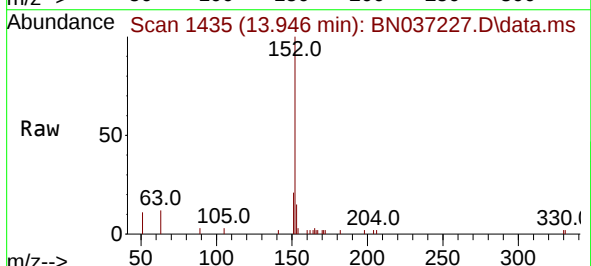
Tgt Ion:152 Resp: 3250

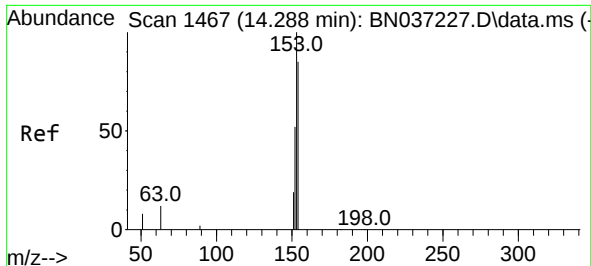
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.4 10.7 16.1

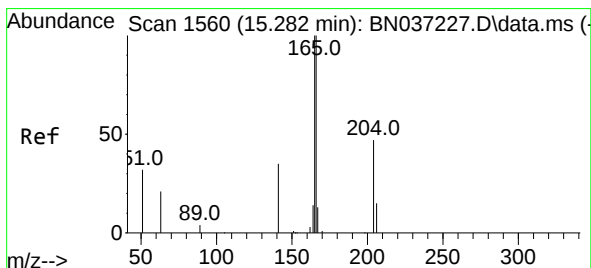
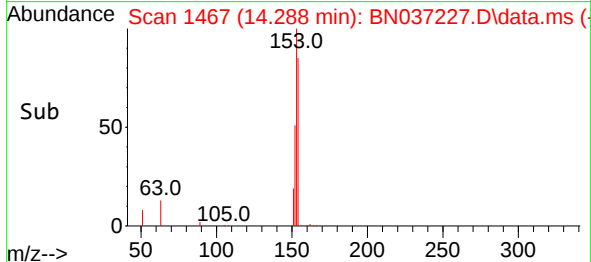
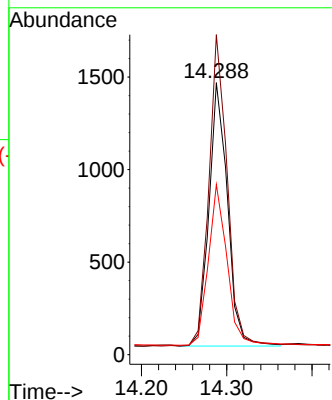
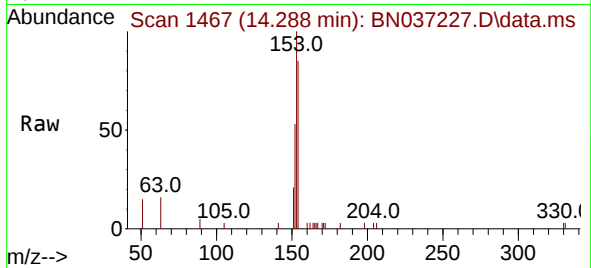




#17  
Acenaphthene  
Concen: 0.392 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

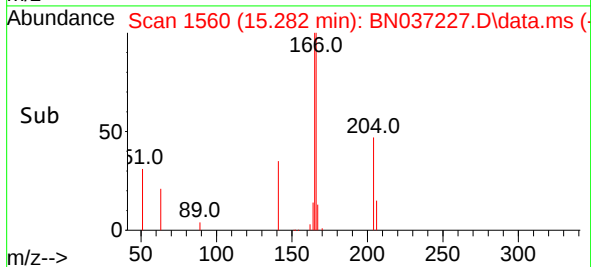
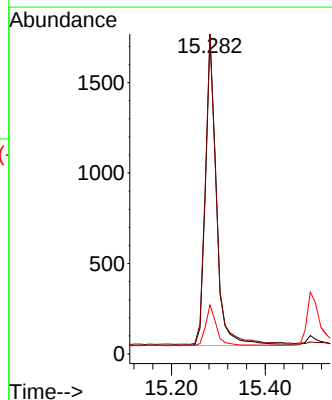
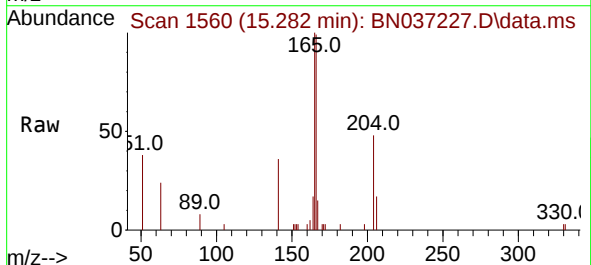
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

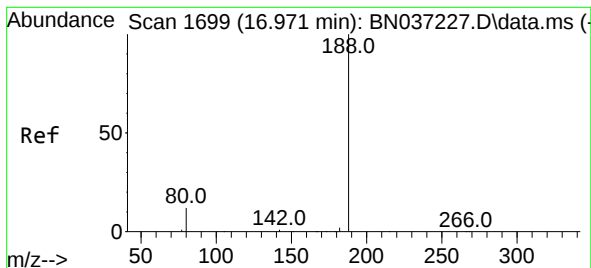
Tgt Ion:154 Resp: 2155  
Ion Ratio Lower Upper  
154 100  
153 118.2 94.6 141.8  
152 62.0 49.6 74.4



#18  
Fluorene  
Concen: 0.392 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

Tgt Ion:166 Resp: 2768  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.8 119.6  
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

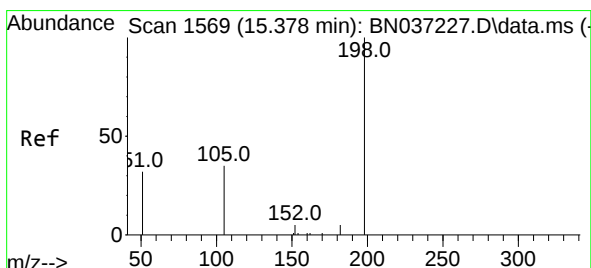
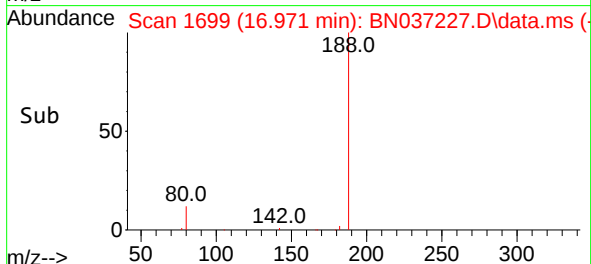
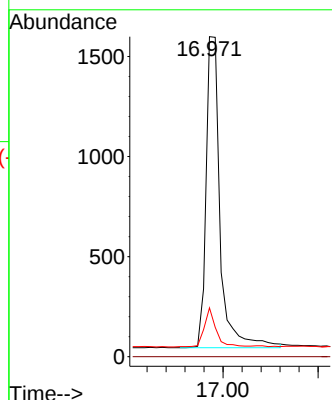
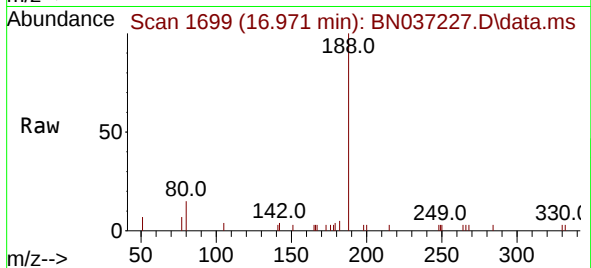
Tgt Ion:188 Resp: 3195

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.3 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.368 ng

RT: 15.378 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

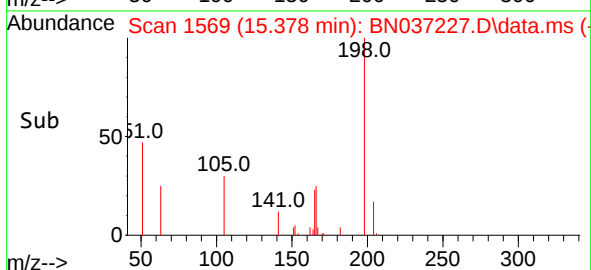
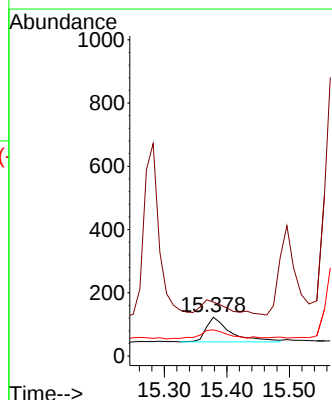
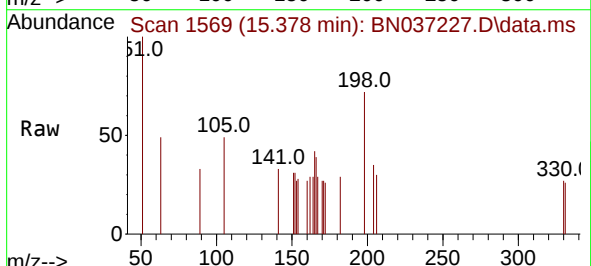
Tgt Ion:198 Resp: 211

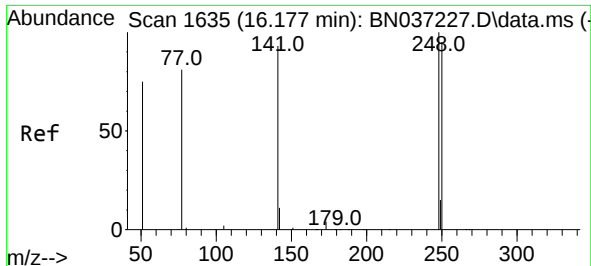
Ion Ratio Lower Upper

198 100

51 139.0 111.2 166.8

105 67.5 54.0 81.0

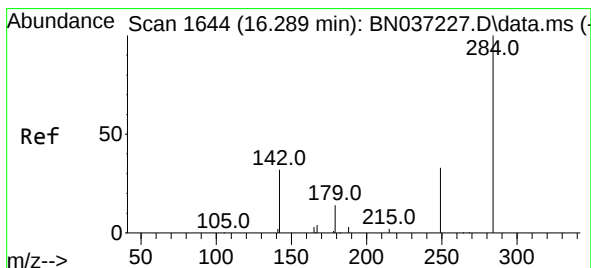
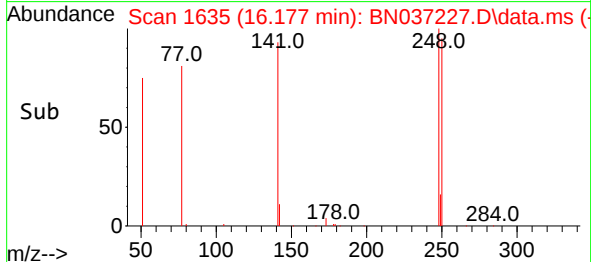
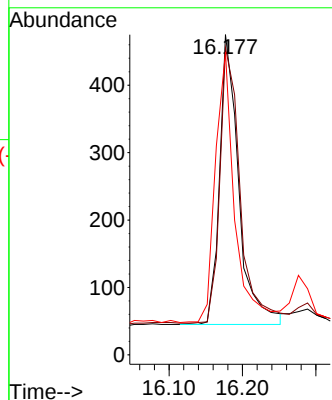
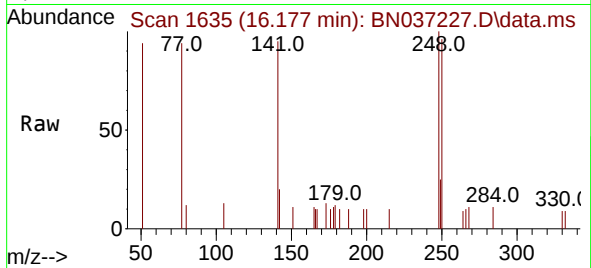




#21  
4-Bromophenyl-phenylether  
Concen: 0.375 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

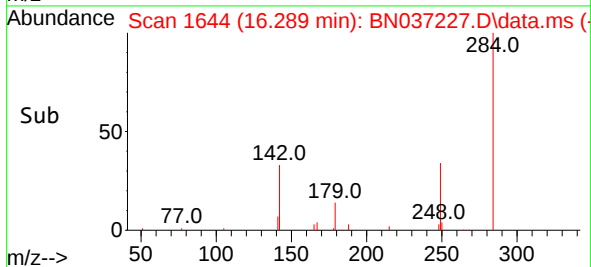
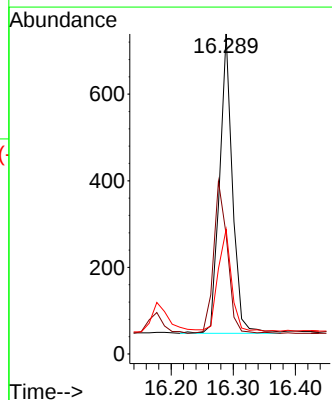
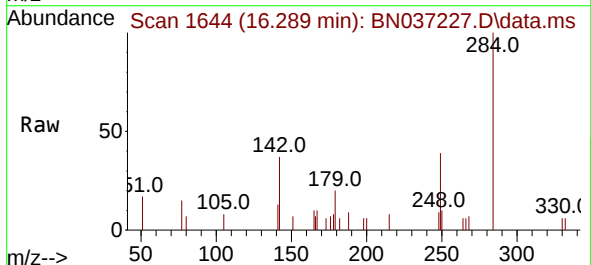
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

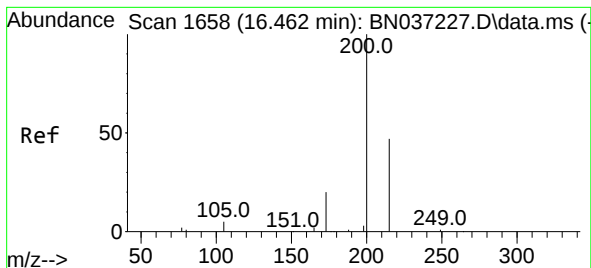
Tgt Ion:248 Resp: 780  
Ion Ratio Lower Upper  
248 100  
250 96.0 76.8 115.2  
141 94.5 75.6 113.4



#22  
Hexachlorobenzene  
Concen: 0.412 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

Tgt Ion:284 Resp: 994  
Ion Ratio Lower Upper  
284 100  
142 54.7 43.8 65.6  
249 35.5 28.4 42.6





#23

Atrazine

Concen: 0.382 ng

RT: 16.462 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

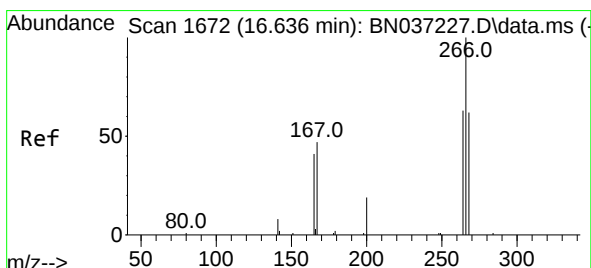
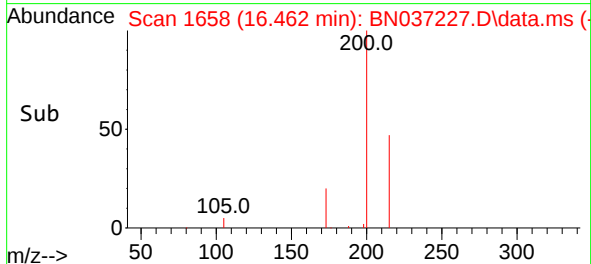
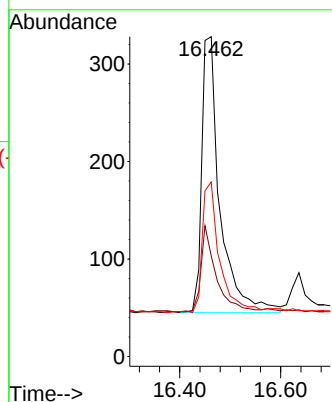
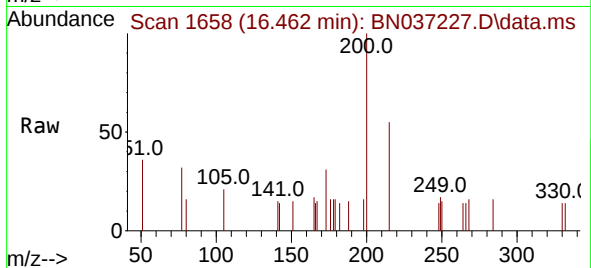
Tgt Ion:200 Resp: 710

Ion Ratio Lower Upper

200 100

173 31.4 25.1 37.7

215 54.6 43.7 65.5



#24

Pentachlorophenol

Concen: 0.336 ng

RT: 16.636 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

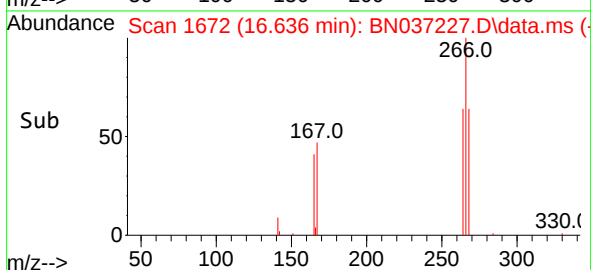
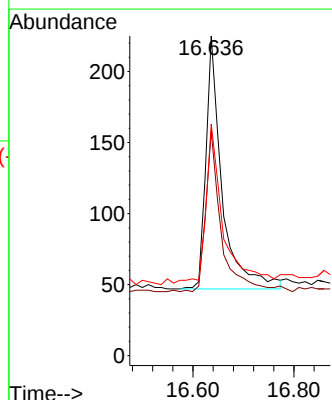
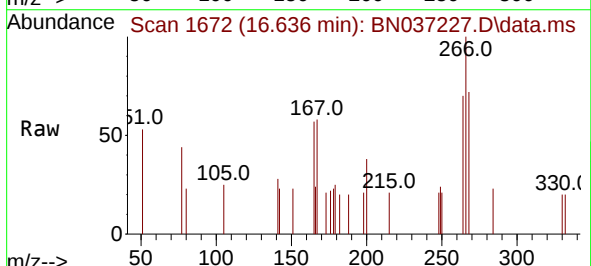
Tgt Ion:266 Resp: 397

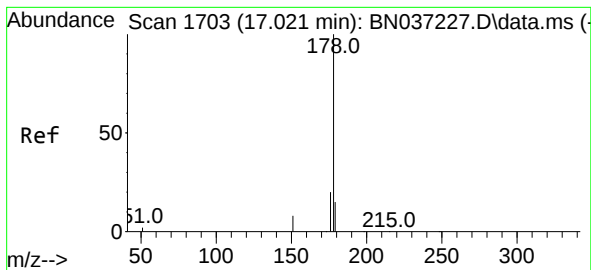
Ion Ratio Lower Upper

266 100

264 61.5 49.2 73.8

268 66.8 53.4 80.2





#25

Phenanthrene

Concen: 0.374 ng

RT: 17.021 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

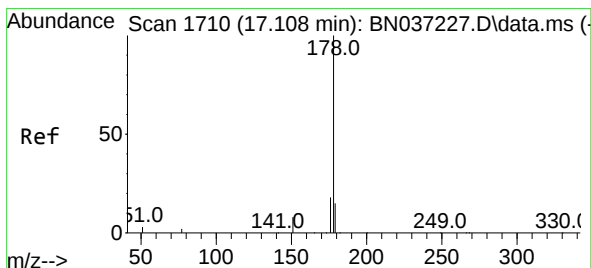
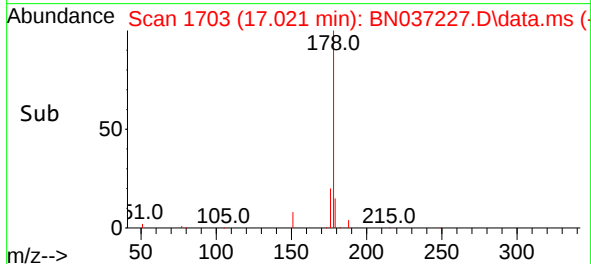
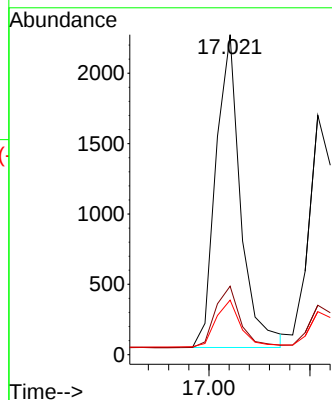
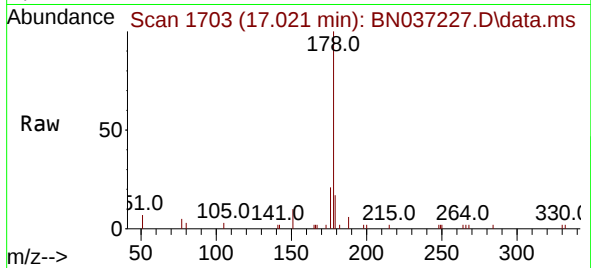
Tgt Ion:178 Resp: 3790

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 15.7 12.6 18.8



#26

Anthracene

Concen: 0.372 ng

RT: 17.108 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

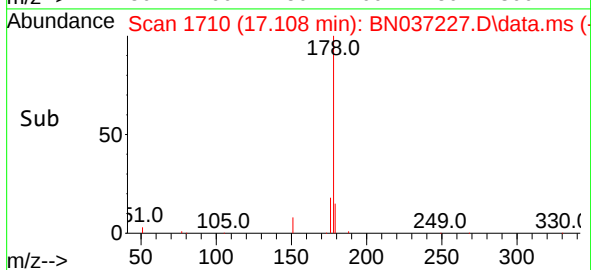
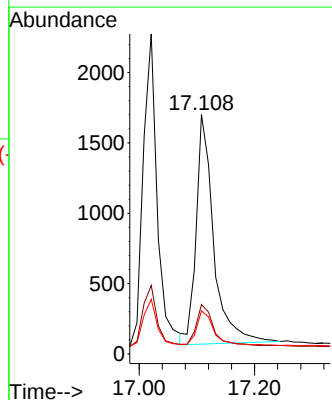
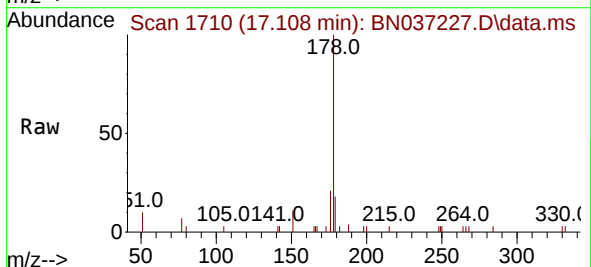
Tgt Ion:178 Resp: 3450

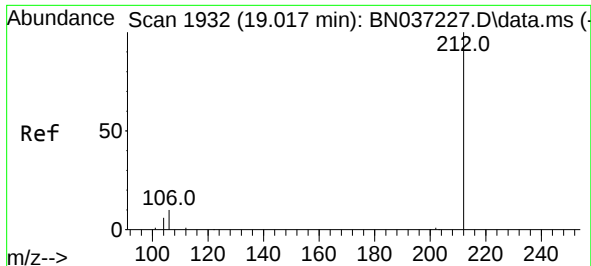
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 12.4 18.6

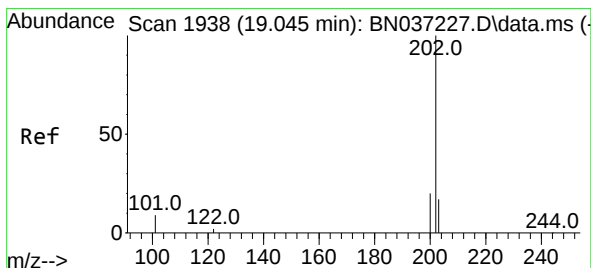
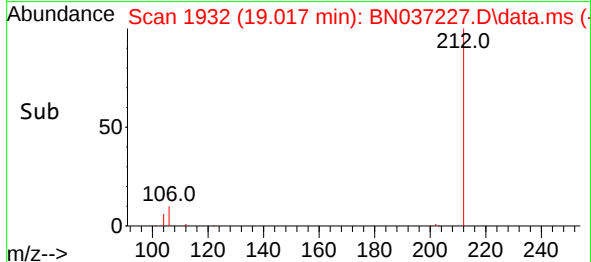
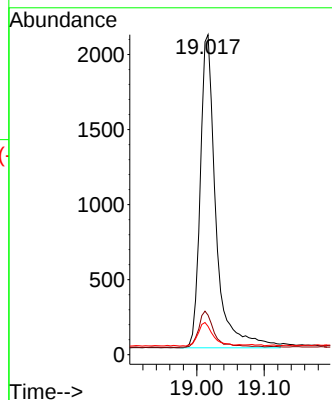
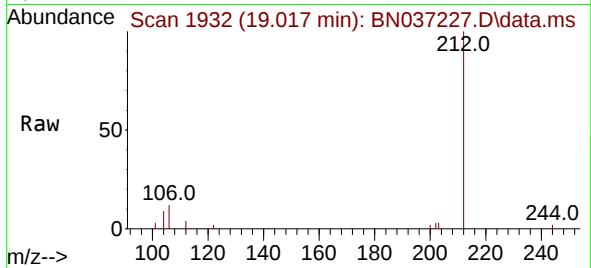




#27  
Fluoranthene-d10  
Concen: 0.402 ng  
RT: 19.017 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

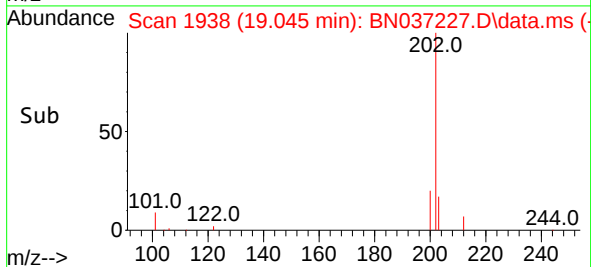
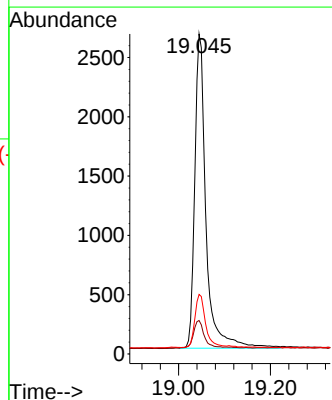
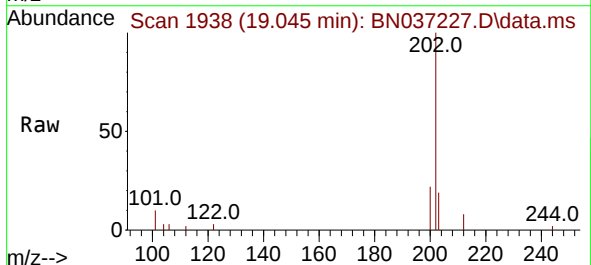
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

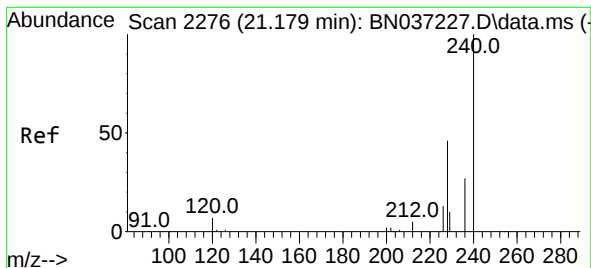
Tgt Ion:212 Resp: 3364  
Ion Ratio Lower Upper  
212 100  
106 11.6 9.3 13.9  
104 7.1 5.7 8.5



#28  
Fluoranthene  
Concen: 0.380 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

Tgt Ion:202 Resp: 4510  
Ion Ratio Lower Upper  
202 100  
101 8.9 7.1 10.7  
203 16.3 13.0 19.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.179 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

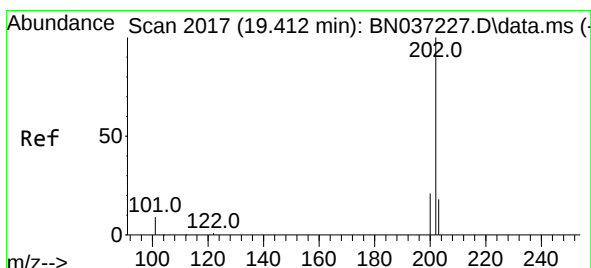
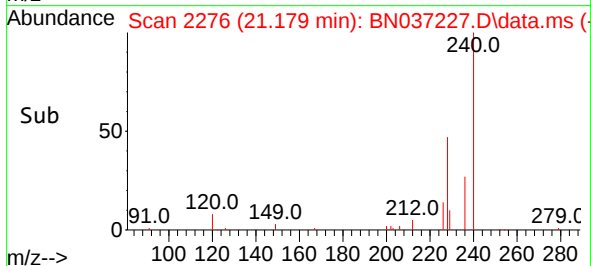
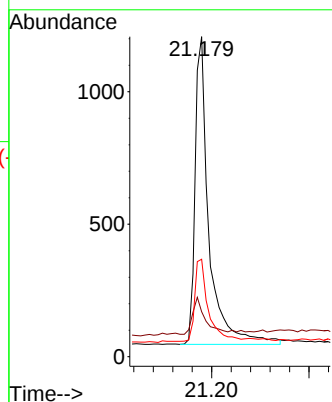
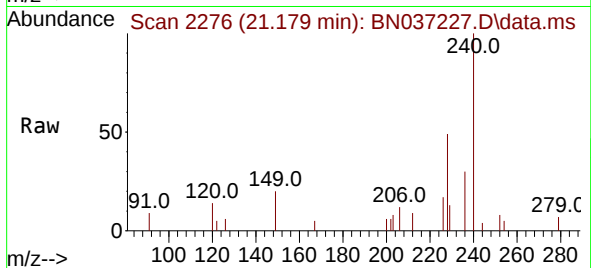
Tgt Ion:240 Resp: 2284

Ion Ratio Lower Upper

240 100

120 14.1 11.3 16.9

236 30.5 24.4 36.6



#30

Pyrene

Concen: 0.417 ng

RT: 19.412 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

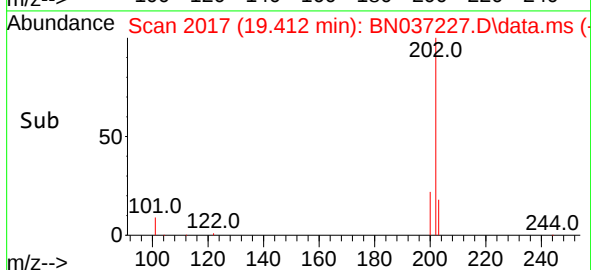
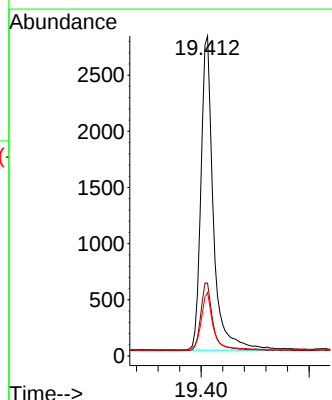
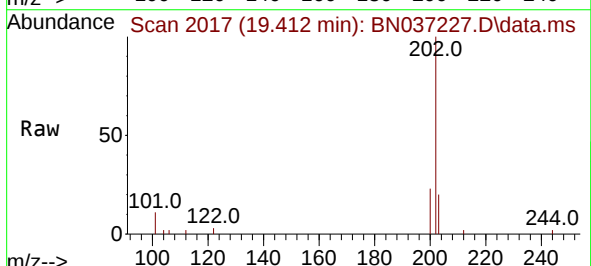
Tgt Ion:202 Resp: 4482

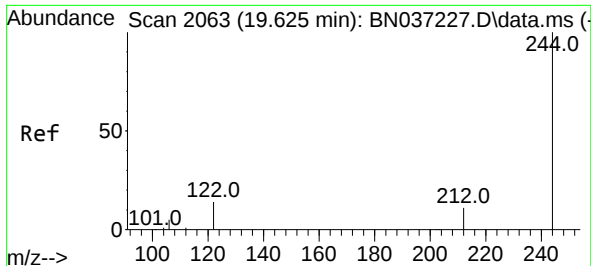
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.9 14.3 21.5

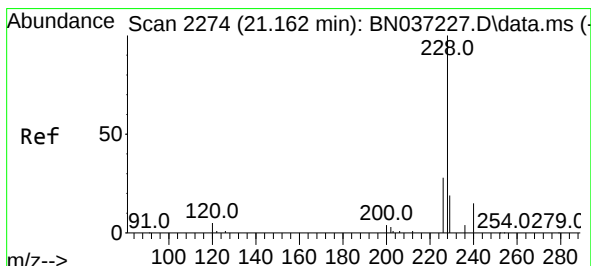
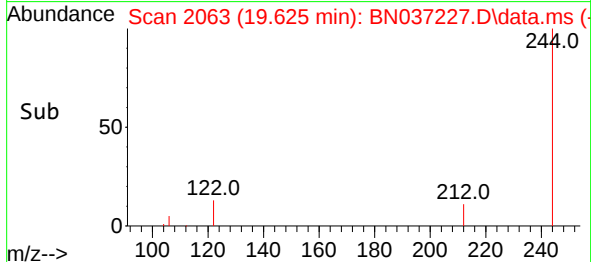
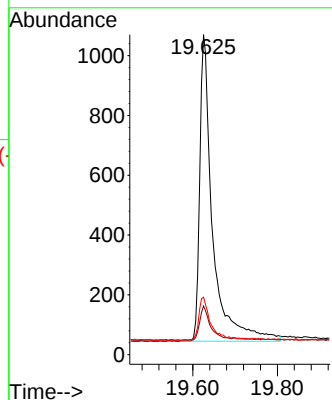
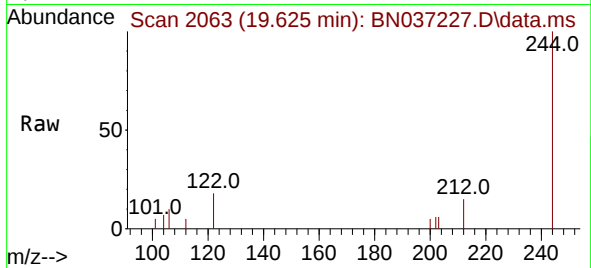




#31  
 Terphenyl-d14  
 Concen: 0.418 ng  
 RT: 19.625 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

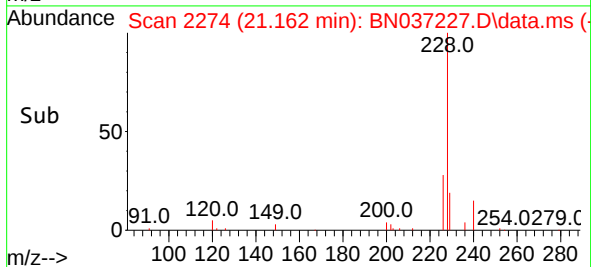
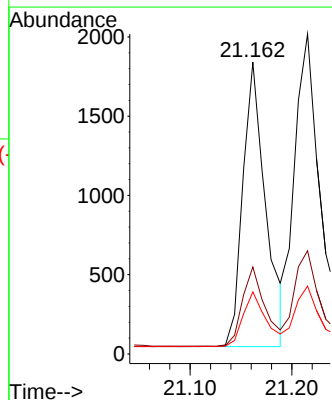
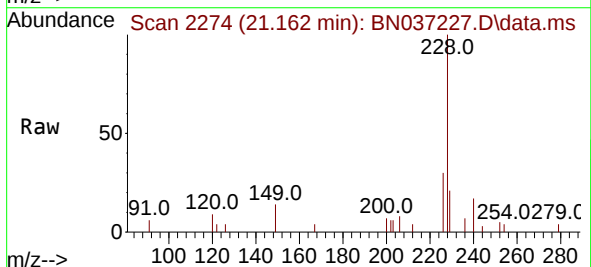
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

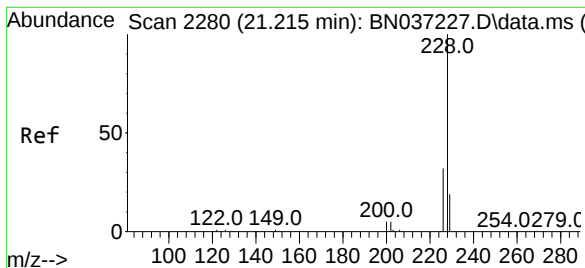
Tgt Ion:244 Resp: 2160  
 Ion Ratio Lower Upper  
 244 100  
 212 15.2 12.2 18.2  
 122 17.9 14.3 21.5



#32  
 Benzo(a)anthracene  
 Concen: 0.363 ng  
 RT: 21.162 min Scan# 2274  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

Tgt Ion:228 Resp: 2798  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 23.8 35.8  
 229 21.2 17.0 25.4





#33

Chrysene

Concen: 0.403 ng

RT: 21.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

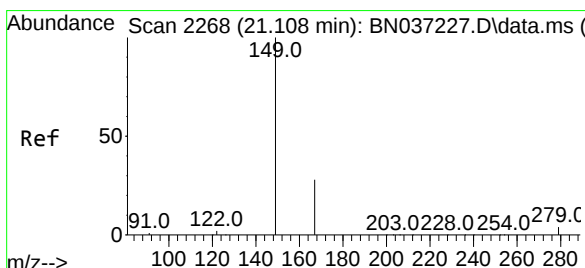
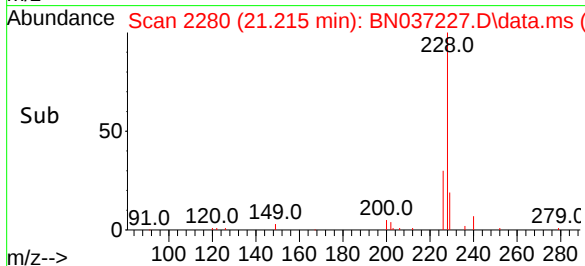
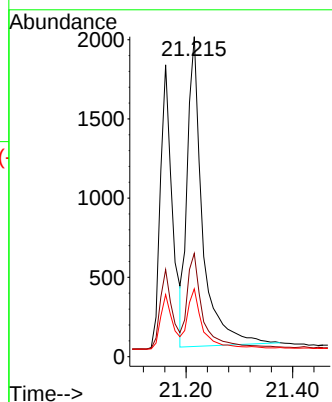
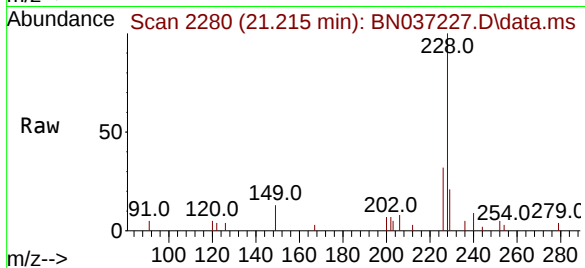
Tgt Ion:228 Resp: 3871

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

229 21.2 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.108 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

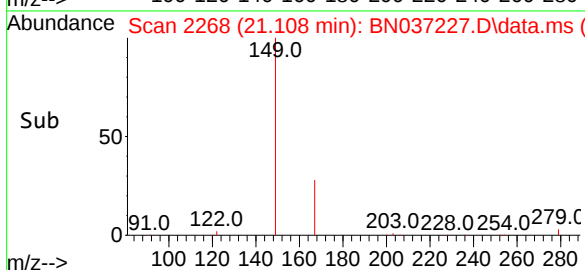
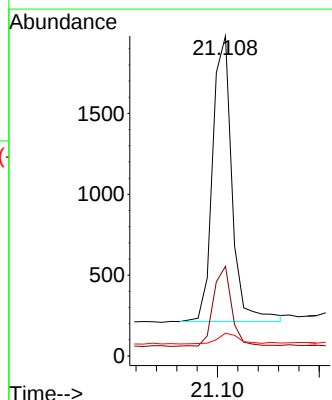
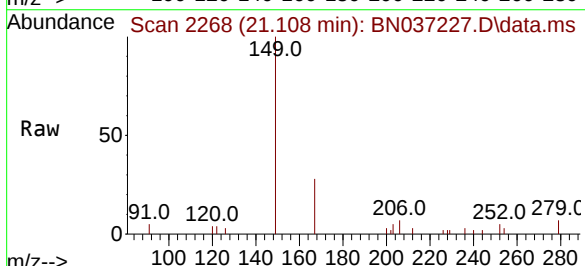
Tgt Ion:149 Resp: 2338

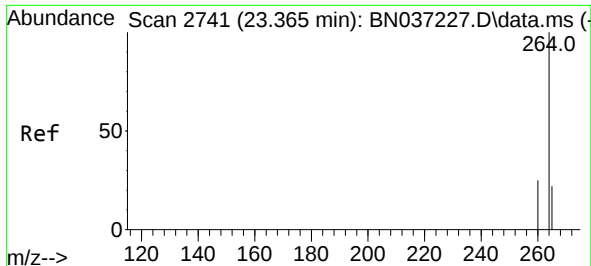
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.1 3.3 4.9

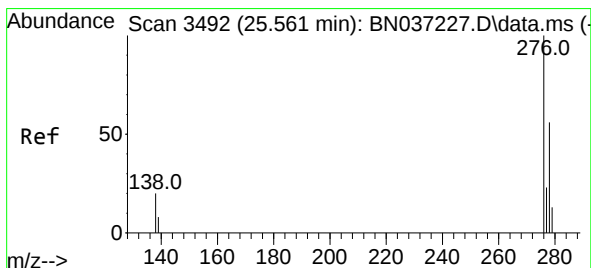
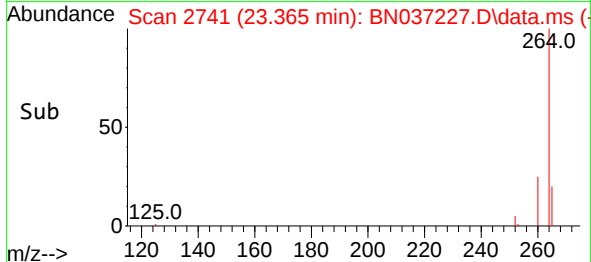
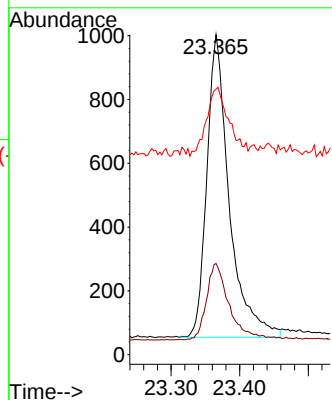
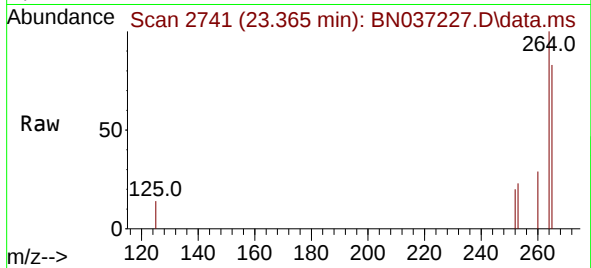




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.365 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

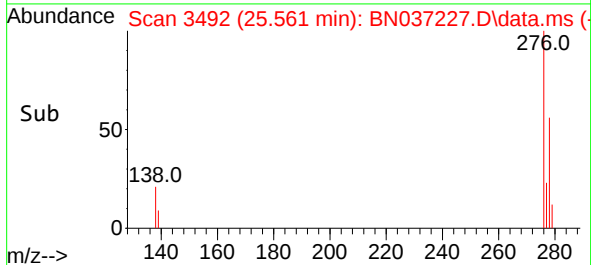
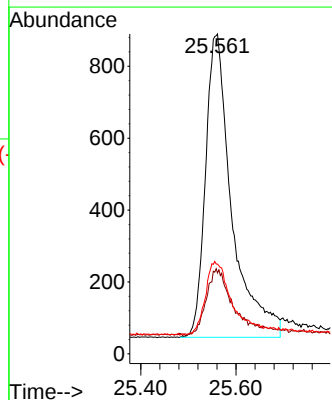
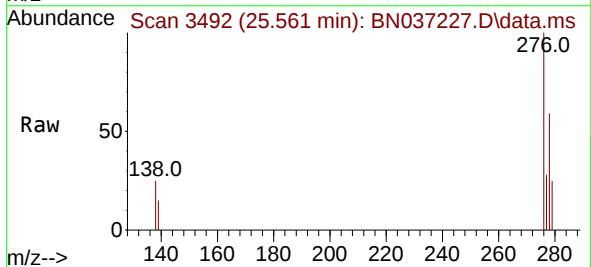
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

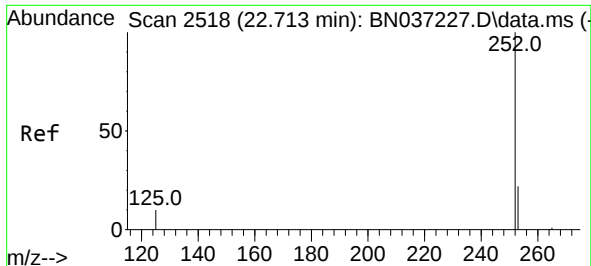
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 2150 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 28.5  | 22.8  | 34.2 |
| 265       | 83.0  | 66.4  | 99.6 |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.374 ng  
 RT: 25.561 min Scan# 3492  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 3239 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 21.0  | 16.8  | 25.2 |
| 277       | 24.4  | 19.5  | 29.3 |

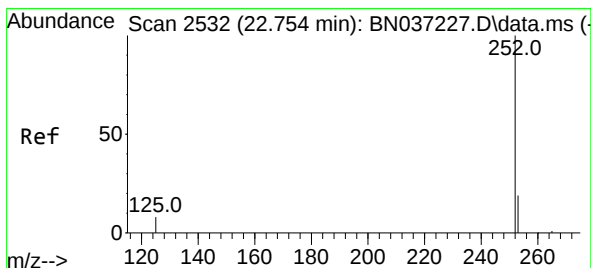
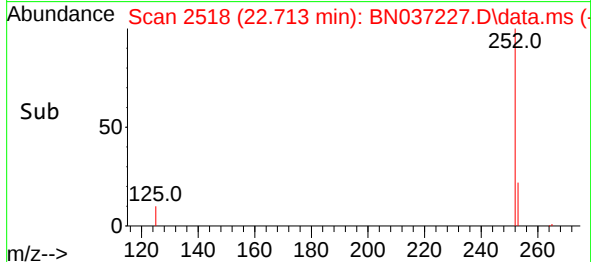
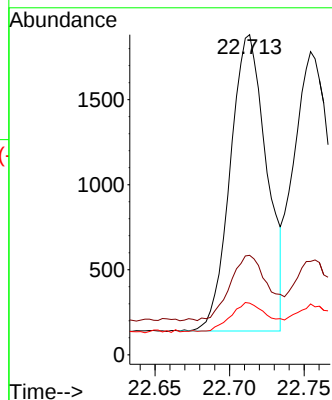
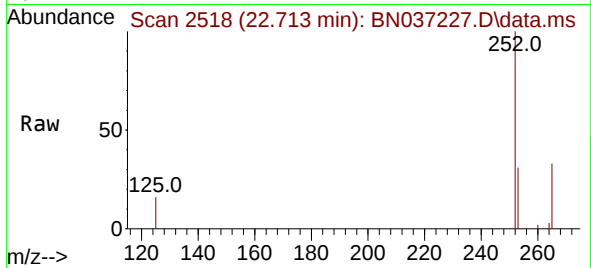




#37  
Benzo(b)fluoranthene  
Concen: 0.376 ng  
RT: 22.713 min Scan# 2518  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

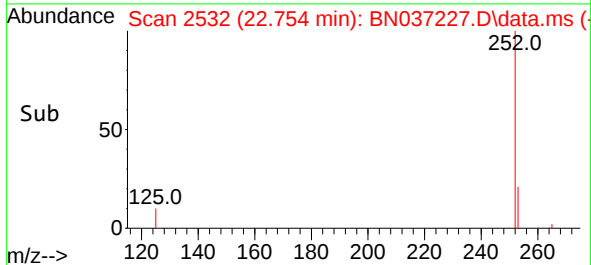
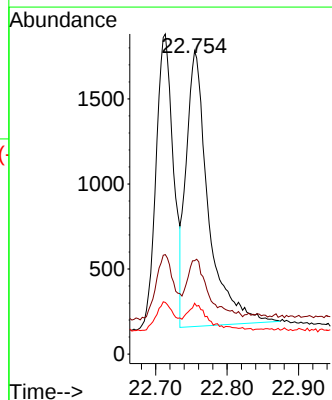
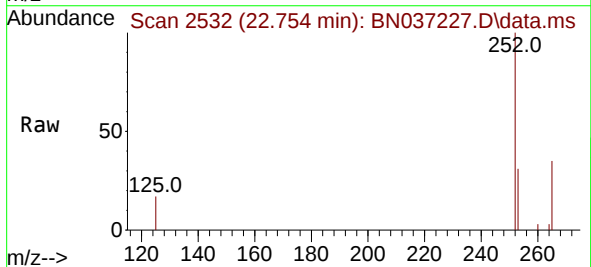
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

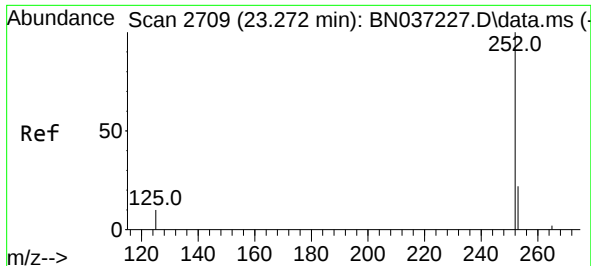
Tgt Ion:252 Resp: 2958  
Ion Ratio Lower Upper  
252 100  
253 31.1 24.9 37.3  
125 16.1 12.9 19.3



#38  
Benzo(k)fluoranthene  
Concen: 0.388 ng  
RT: 22.754 min Scan# 2532  
Delta R.T. 0.000 min  
Lab File: BN037227.D  
Acq: 13 Jun 2025 14:46

Tgt Ion:252 Resp: 3501  
Ion Ratio Lower Upper  
252 100  
253 30.8 24.6 37.0  
125 16.8 13.4 20.2





#39

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.272 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

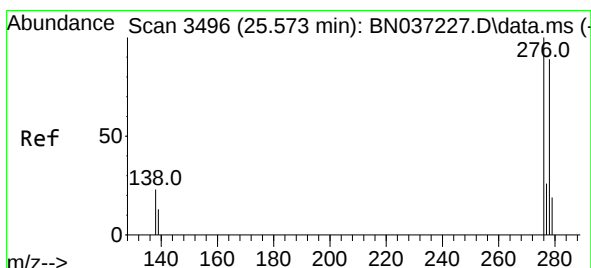
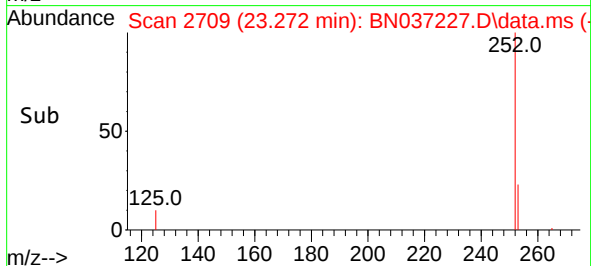
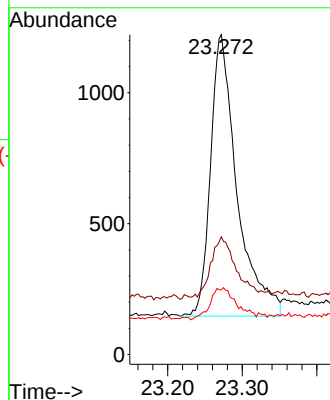
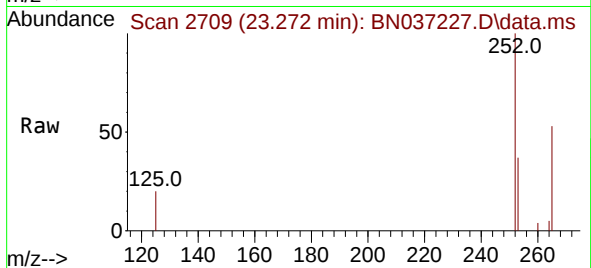
Tgt Ion:252 Resp: 2653

Ion Ratio Lower Upper

252 100

253 36.8 29.4 44.2

125 20.2 16.2 24.2



#40

Dibenzo(a,h)anthracene

Concen: 0.345 ng

RT: 25.573 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

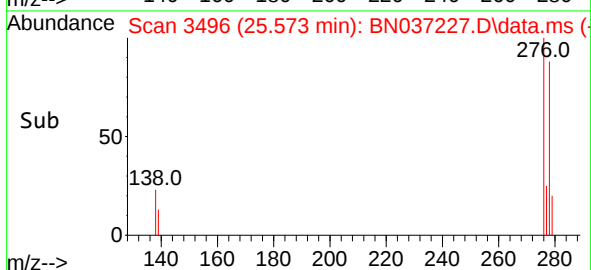
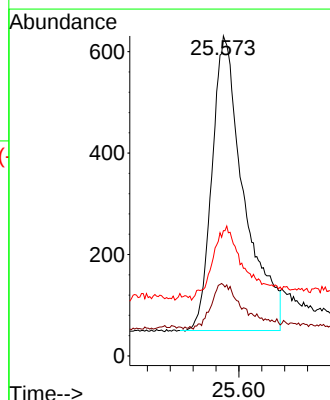
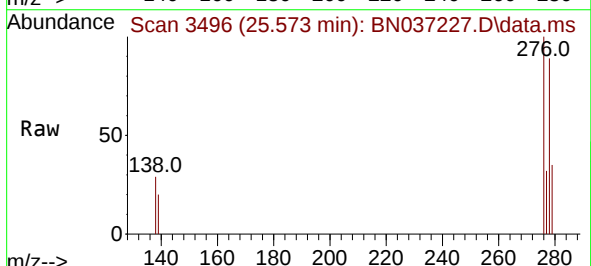
Tgt Ion:278 Resp: 2256

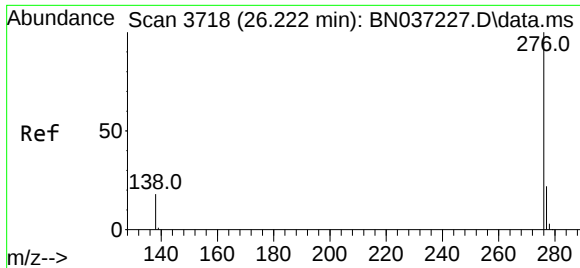
Ion Ratio Lower Upper

278 100

139 22.2 17.8 26.6

279 39.1 31.3 46.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.385 ng  
 RT: 26.222 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037227.D  
 Acq: 13 Jun 2025 14:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 3099 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 27.5  | 22.0  | 33.0 |
| 138       | 23.0  | 18.4  | 27.6 |

