

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061925\  
 Data File : BN037337.D  
 Acq On : 19 Jun 2025 05:54  
 Operator : RC/JU  
 Sample : PB168508BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 19 06:28:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 18 18:40:16 2025  
 Response via : Initial Calibration

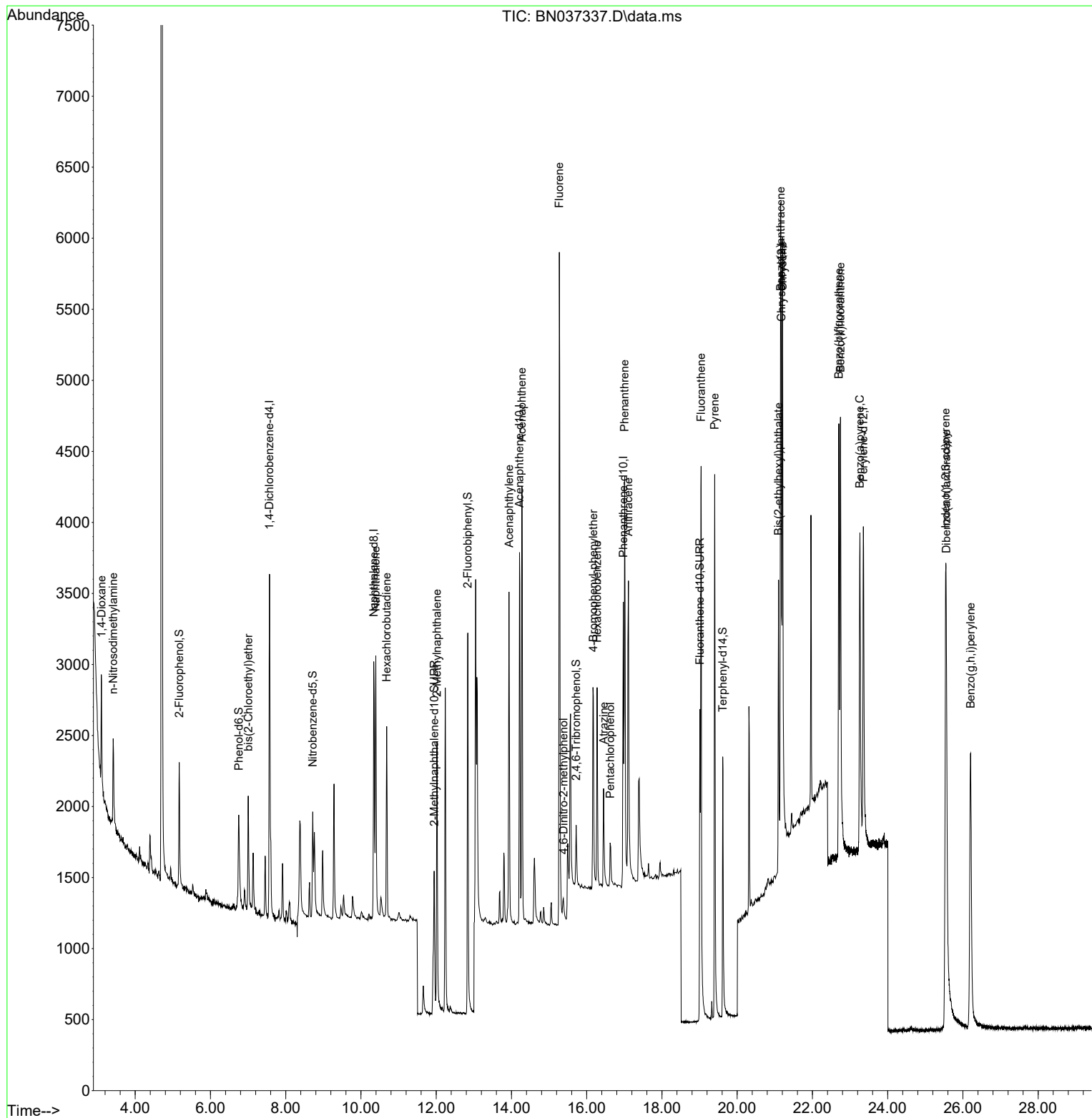
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.568  | 152  | 1288     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 2690     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 1686     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.971 | 188  | 3212     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.171 | 240  | 3029     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.354 | 264  | 3232     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 825      | 0.352 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.752  | 99   | 802      | 0.348 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.717  | 82   | 760      | 0.339 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.945 | 152  | 2266     | 0.518 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 329      | 0.265 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.838 | 172  | 2716     | 0.368 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.008 | 212  | 3351     | 0.329 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.616 | 244  | 2523     | 0.363 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 501      | 0.436 | ng    | # 44     |
| 3) n-Nitrosodimethylamine     | 3.415  | 42   | 455      | 0.341 | ng    | 90       |
| 6) bis(2-Chloroethyl)ether    | 7.004  | 93   | 760      | 0.386 | ng    | 100      |
| 9) Naphthalene                | 10.394 | 128  | 2428     | 0.349 | ng    | # 92     |
| 10) Hexachlorobutadiene       | 10.682 | 225  | 1119     | 0.318 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.021 | 142  | 1521     | 0.310 | ng    | 96       |
| 16) Acenaphthylene            | 13.935 | 152  | 2681     | 0.378 | ng    | 98       |
| 17) Acenaphthene              | 14.277 | 154  | 1575     | 0.334 | ng    | 99       |
| 18) Fluorene                  | 15.271 | 166  | 2259     | 0.338 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 302      | 0.306 | ng    | 89       |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 914      | 0.343 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.276 | 284  | 1066     | 0.382 | ng    | 93       |
| 23) Atrazine                  | 16.450 | 200  | 743      | 0.357 | ng    | # 89     |
| 24) Pentachlorophenol         | 16.624 | 266  | 250      | 0.162 | ng    | 94       |
| 25) Phenanthrene              | 17.009 | 178  | 3326     | 0.368 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 3130     | 0.369 | ng    | 100      |
| 28) Fluoranthene              | 19.040 | 202  | 4162     | 0.331 | ng    | 99       |
| 30) Pyrene                    | 19.402 | 202  | 4189     | 0.363 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.153 | 228  | 3675     | 0.377 | ng    | 99       |
| 33) Chrysene                  | 21.206 | 228  | 4517     | 0.363 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 1537     | 0.384 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.541 | 276  | 5500     | 0.405 | ng    | # 93     |
| 37) Benzo(b)fluoranthene      | 22.702 | 252  | 4039     | 0.358 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.746 | 252  | 4639     | 0.374 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.260 | 252  | 4040     | 0.386 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.555 | 278  | 4089     | 0.375 | ng    | # 88     |
| 41) Benzo(g,h,i)perylene      | 26.204 | 276  | 4647     | 0.373 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

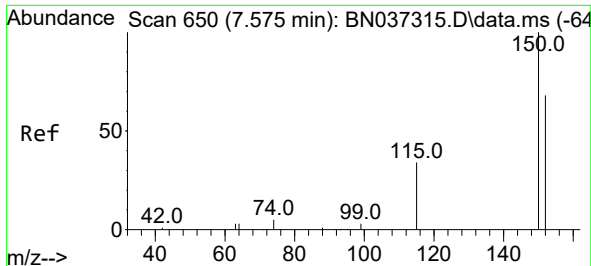
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061925\  
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Operator : RC/JU  
Sample : PB168508BS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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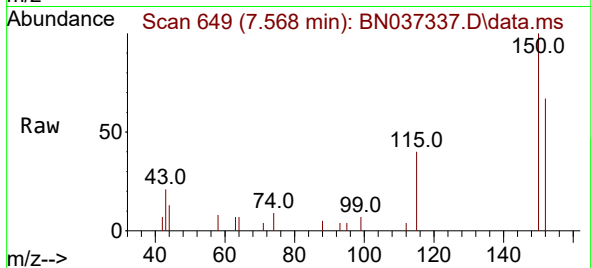
Quant Time: Jun 19 06:28:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061925.M  
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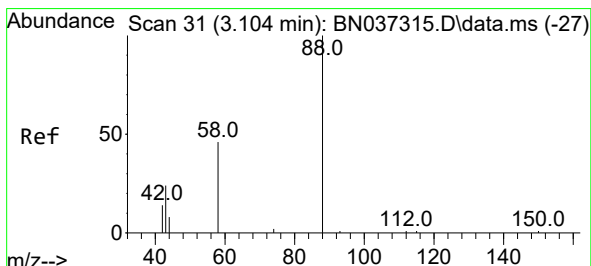
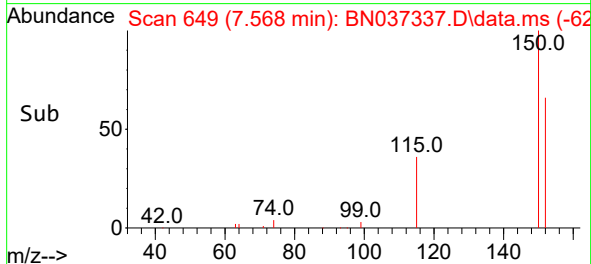
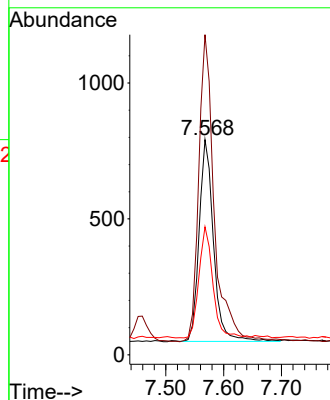


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.568 min Scan# 649  
 Delta R.T. -0.007 min  
 Lab File: BN037337.D  
 Acq: 19 Jun 2025 05:54

Instrument :  
 BNA\_N  
 ClientSampleId :

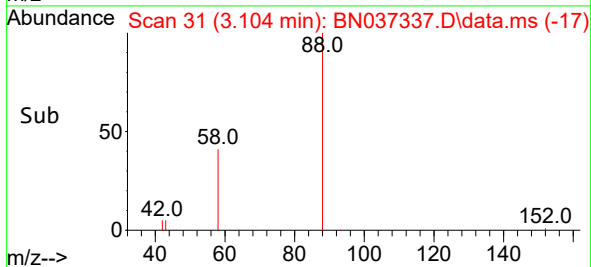
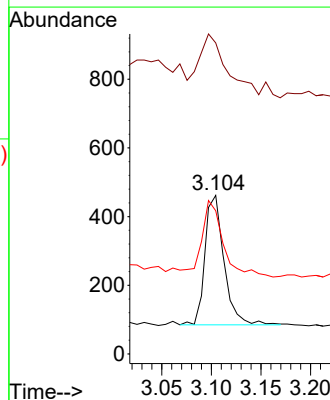
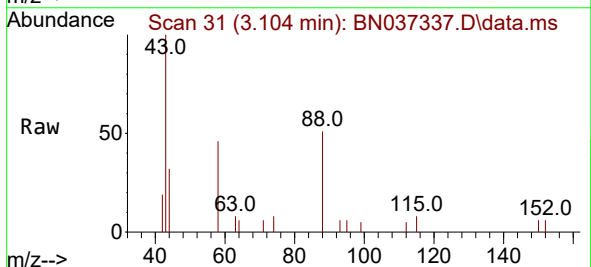


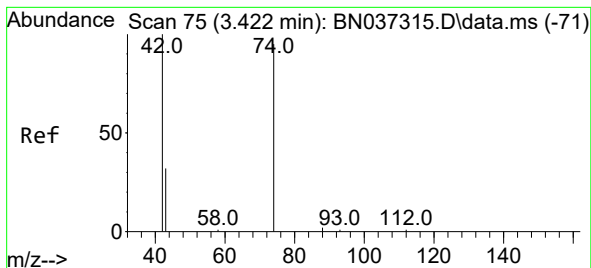
Tgt Ion:152 Resp: 1288  
 Ion Ratio Lower Upper  
 152 100  
 150 148.7 112.7 169.1  
 115 59.5 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 0.436 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BN037337.D  
 Acq: 19 Jun 2025 05:54

Tgt Ion: 88 Resp: 501  
 Ion Ratio Lower Upper  
 88 100  
 43 79.6 21.0 31.6#  
 58 67.5 38.0 57.0#





#3

n-Nitrosodimethylamine

Concen: 0.341 ng

RT: 3.415 min Scan# 74

Delta R.T. -0.007 min

Lab File: BN037337.D

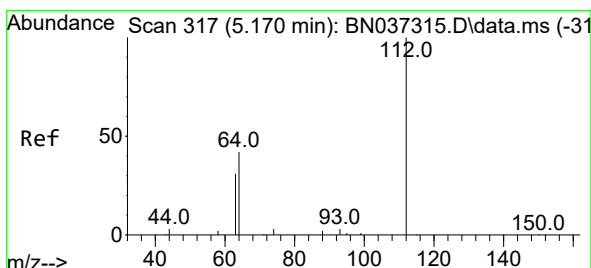
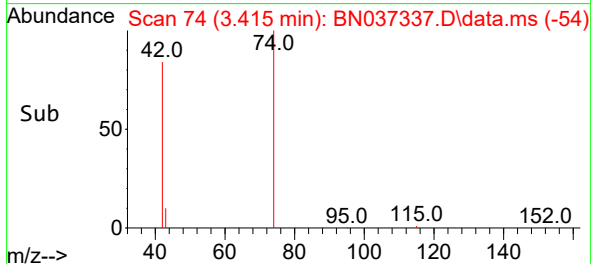
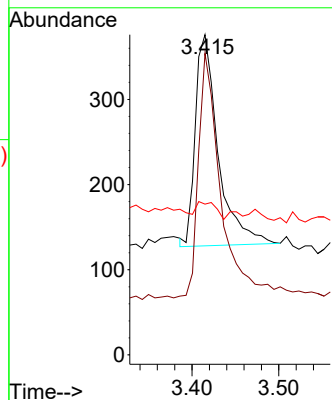
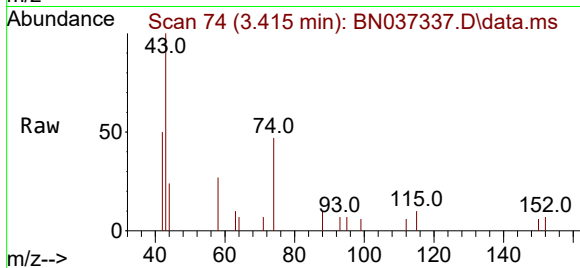
Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 455   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 116.5 | 84.3  | 126.5 |
| 44       | 6.8   | 5.0   | 7.4   |



#4

2-Fluorophenol

Concen: 0.352 ng

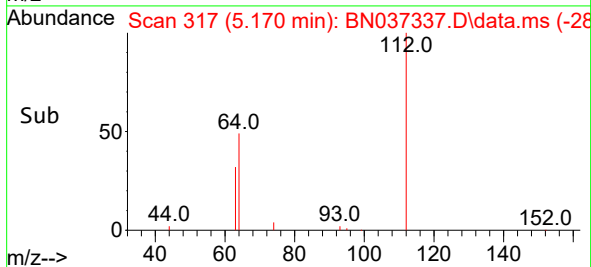
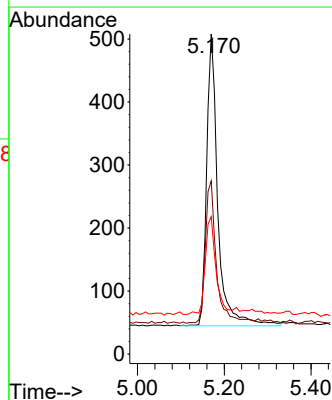
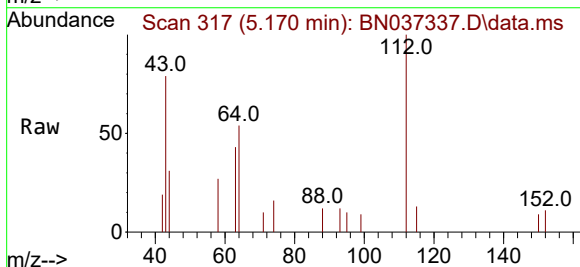
RT: 5.170 min Scan# 317

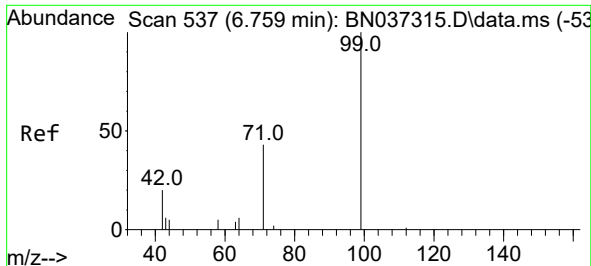
Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 825   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 47.0  | 38.7  | 58.1  |
| 63       | 31.8  | 26.4  | 39.6  |

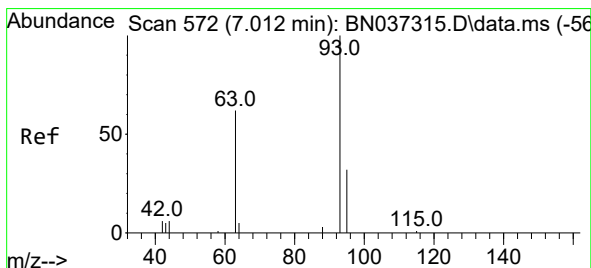
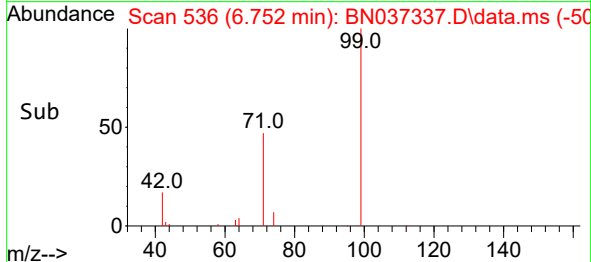
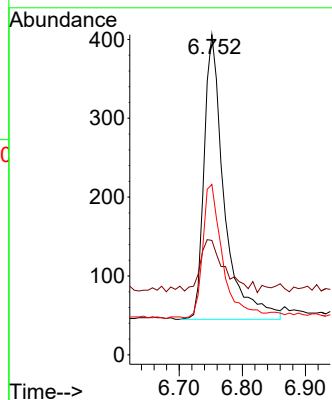
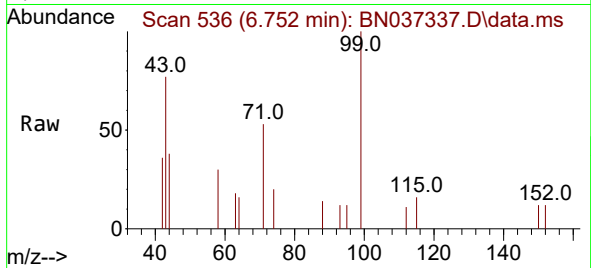




#5  
Phenol-d6  
Concen: 0.348 ng  
RT: 6.752 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

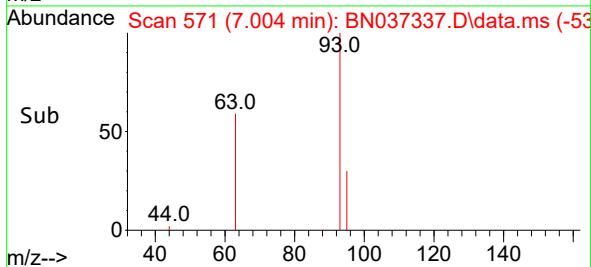
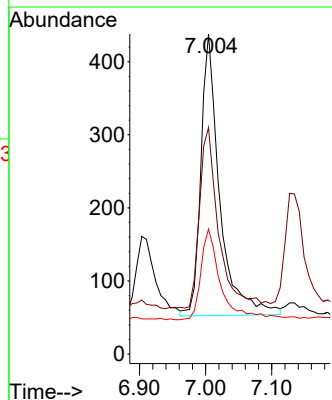
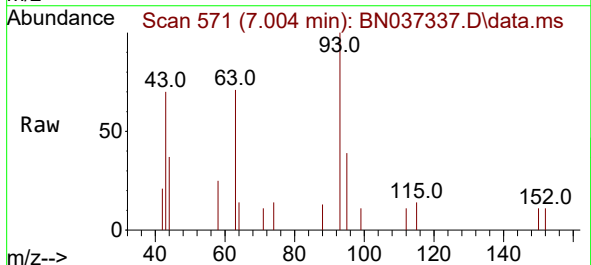
Instrument :  
BNA\_N  
ClientSampleId :

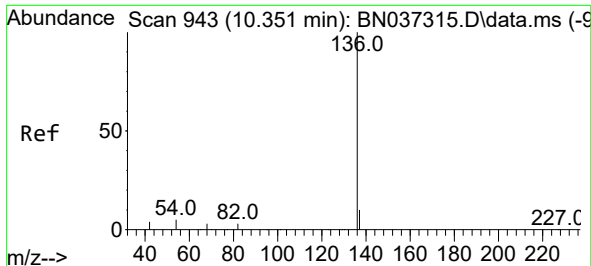
Tgt Ion: 99 Resp: 802  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.8 29.8  
71 46.0 42.6 64.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.386 ng  
RT: 7.004 min Scan# 571  
Delta R.T. -0.007 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Tgt Ion: 93 Resp: 760  
Ion Ratio Lower Upper  
93 100  
63 67.0 53.2 79.8  
95 34.1 27.3 40.9

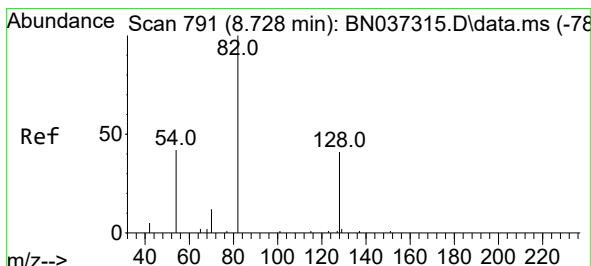
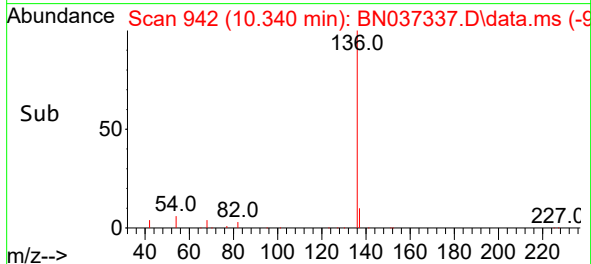
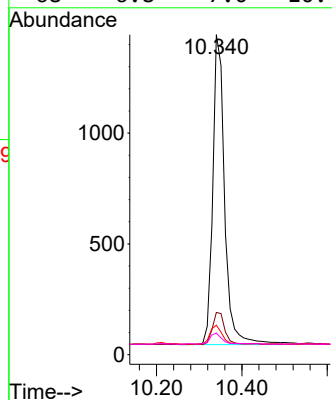
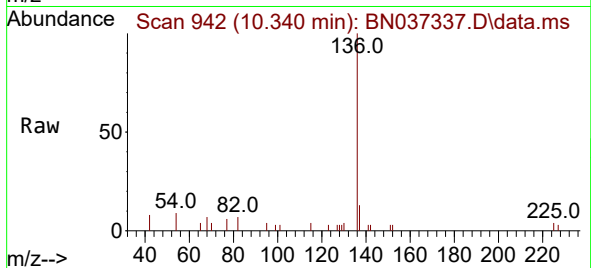




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.340 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

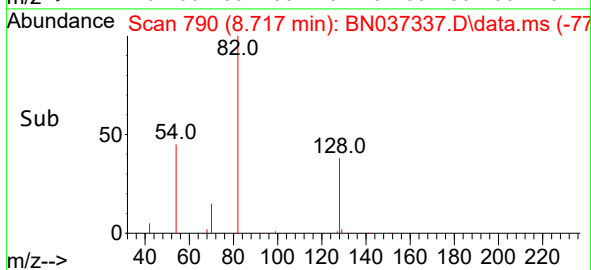
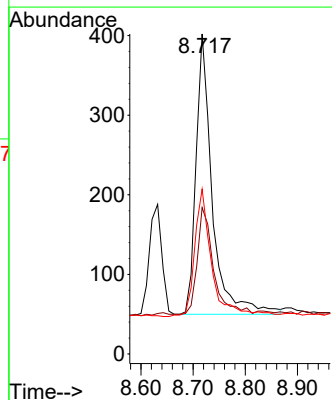
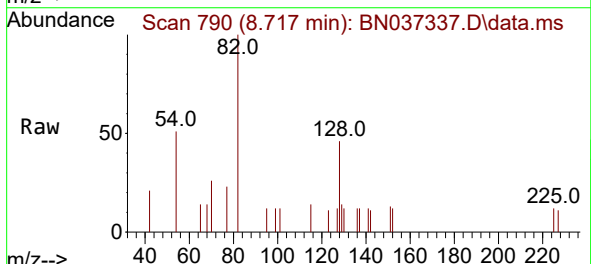
Instrument :  
BNA\_N  
ClientSampleId :

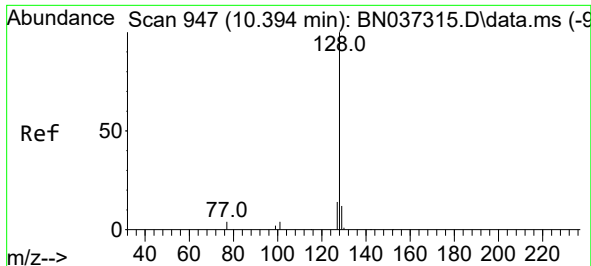
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2690  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.2  | 12.2  | 18.2  |
| 54       | 9.2   | 8.8   | 13.2  |
| 68       | 6.8   | 7.0   | 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.339 ng  
RT: 8.717 min Scan# 790  
Delta R.T. -0.011 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 760   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.8  | 42.5  | 63.7  |
| 54       | 51.5  | 43.2  | 64.8  |

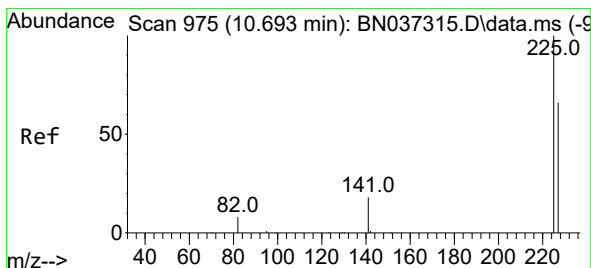
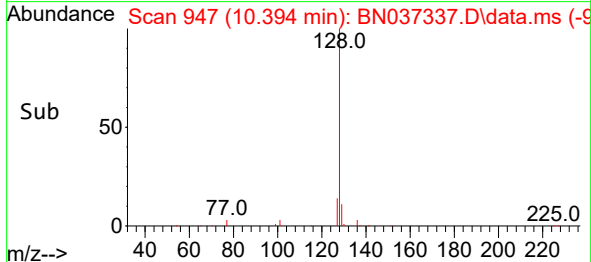
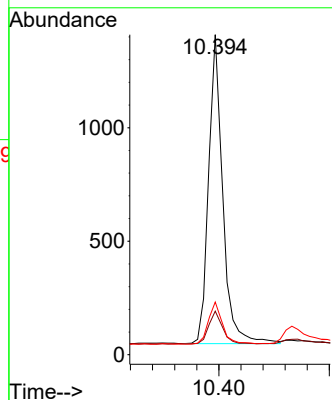
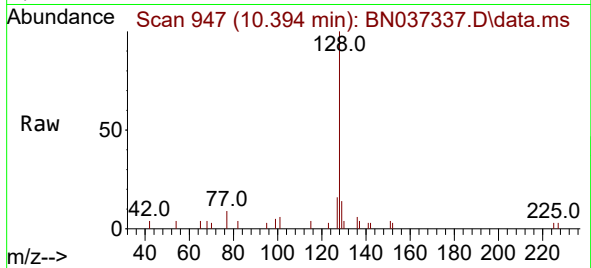




#9  
Naphthalene  
Concen: 0.349 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

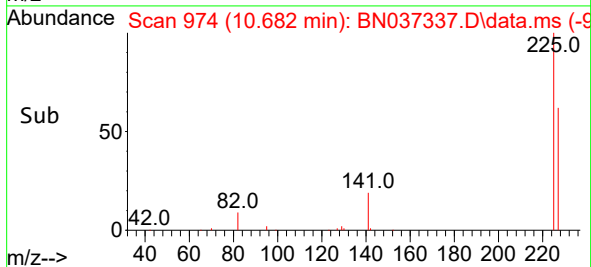
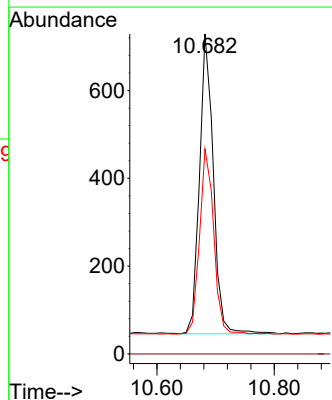
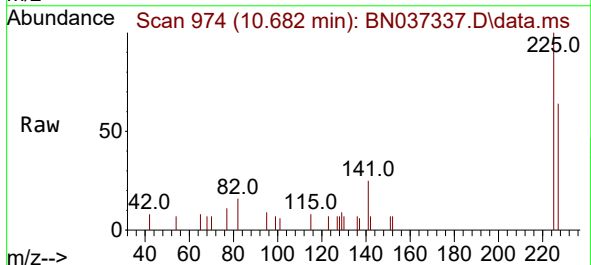
Instrument :  
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ClientSampleId :

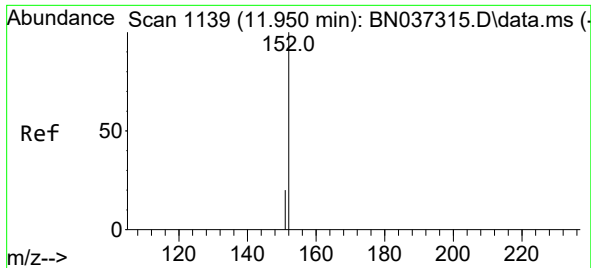
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Ion Ratio Lower Upper  
128 100  
129 13.6 14.0 21.0#  
127 16.5 15.8 23.8



#10  
Hexachlorobutadiene  
Concen: 0.318 ng  
RT: 10.682 min Scan# 974  
Delta R.T. -0.011 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

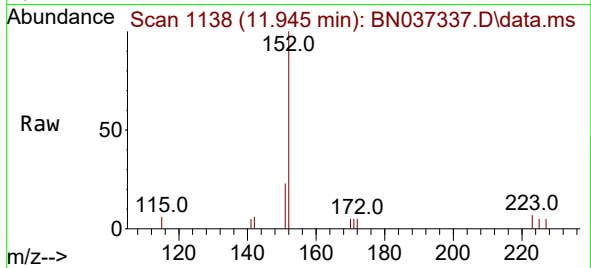
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 50.3 75.5



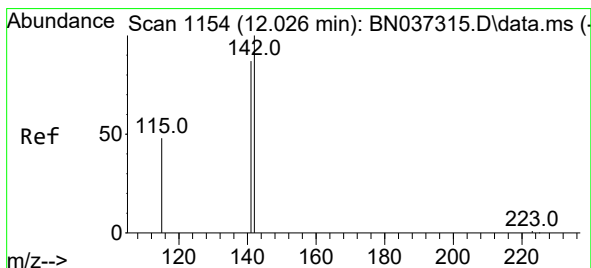
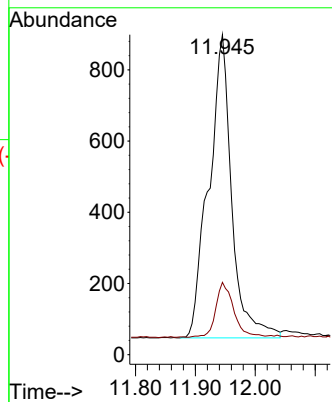
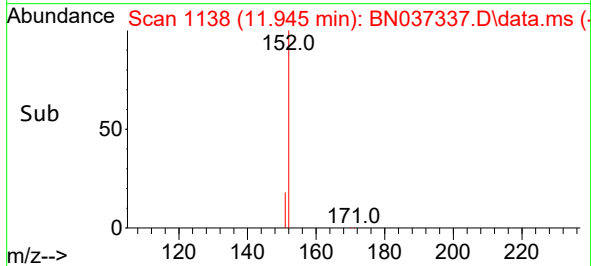


#11  
2-Methylnaphthalene-d10  
Concen: 0.518 ng  
RT: 11.945 min Scan# 1138  
Delta R.T. -0.005 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

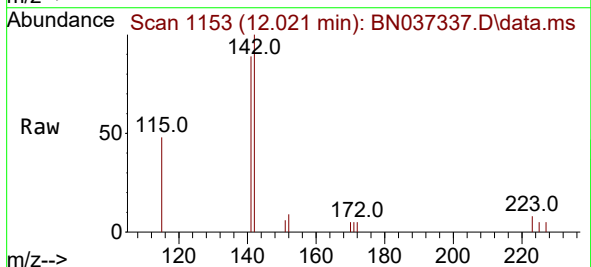
Instrument :  
BNA\_N  
ClientSampleId :



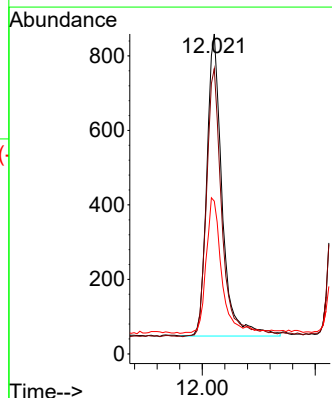
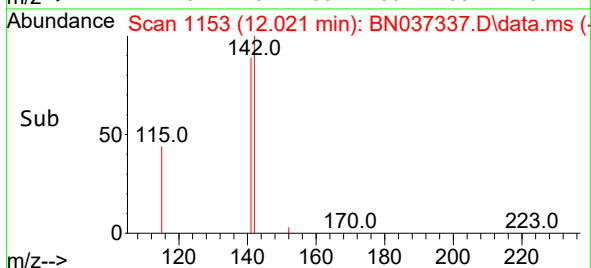
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Ion Ratio Lower Upper  
152 100  
151 14.1 17.4 26.0#

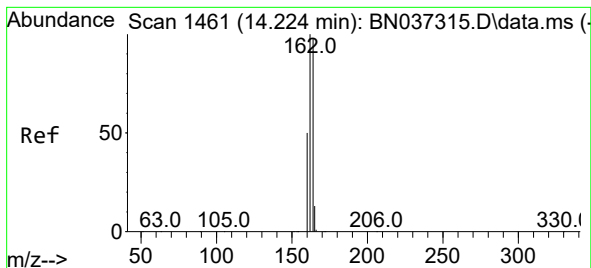


#12  
2-Methylnaphthalene  
Concen: 0.310 ng  
RT: 12.021 min Scan# 1153  
Delta R.T. -0.005 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54



Tgt Ion:142 Resp: 1521  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.2 105.2  
115 47.7 43.0 64.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.011 min

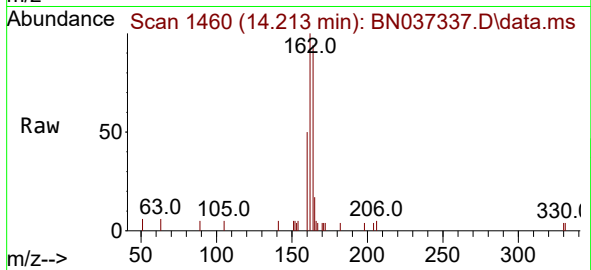
Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :



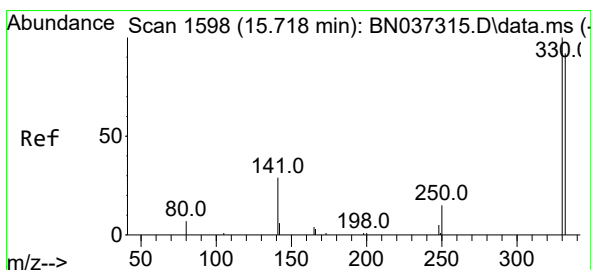
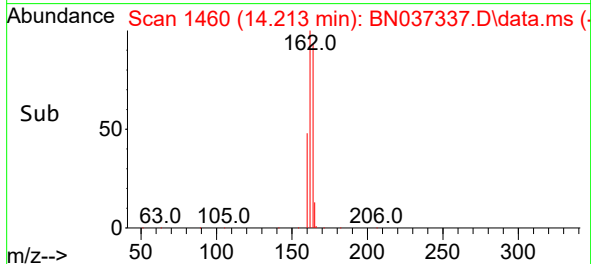
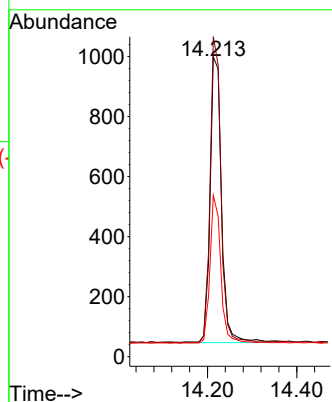
Tgt Ion:164 Resp: 1686

Ion Ratio Lower Upper

164 100

162 106.7 81.5 122.3

160 53.9 43.0 64.4



#14

2,4,6-Tribromophenol

Concen: 0.265 ng

RT: 15.718 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

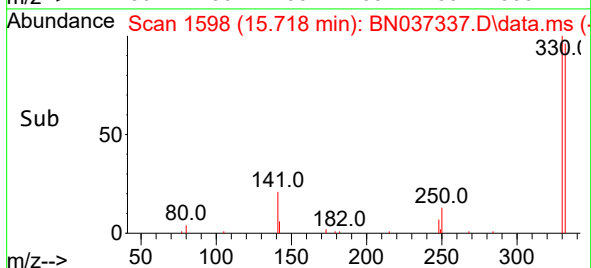
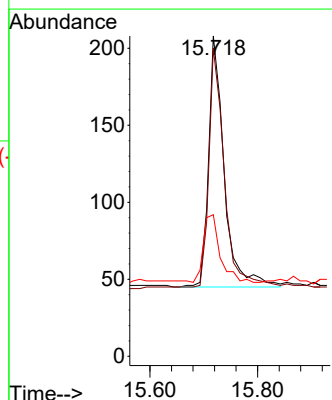
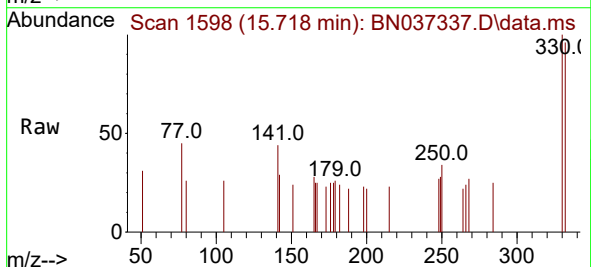
Tgt Ion:330 Resp: 329

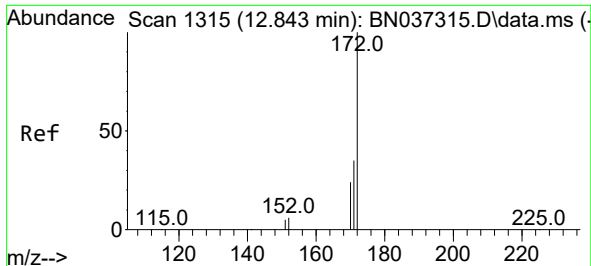
Ion Ratio Lower Upper

330 100

332 93.0 78.4 117.6

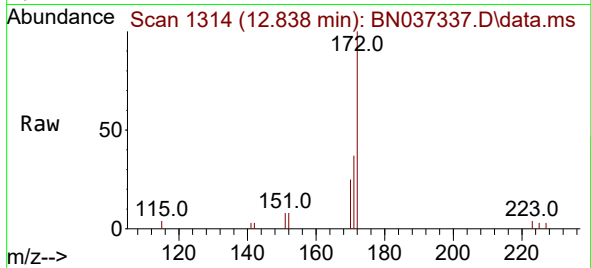
141 28.9 24.4 36.6



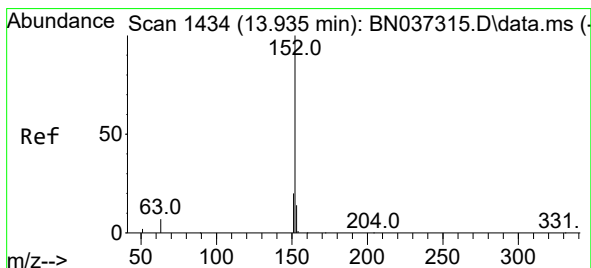
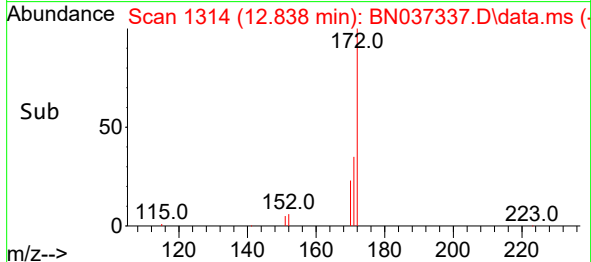
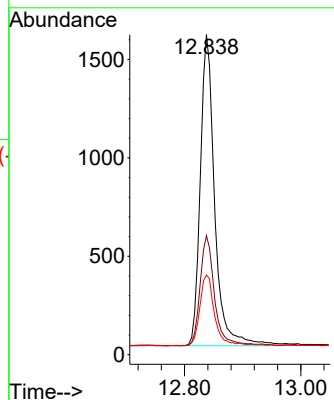


#15  
2-Fluorobiphenyl  
Concen: 0.368 ng  
RT: 12.838 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Instrument :  
BNA\_N  
ClientSampleId :

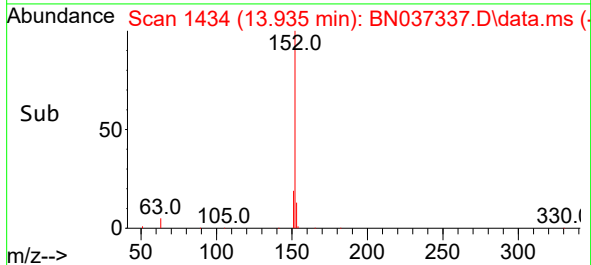
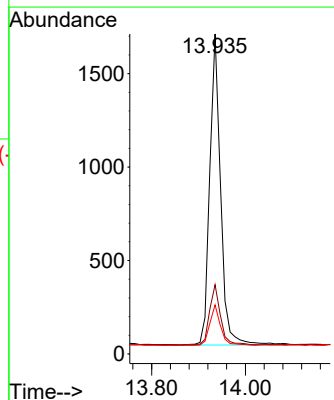
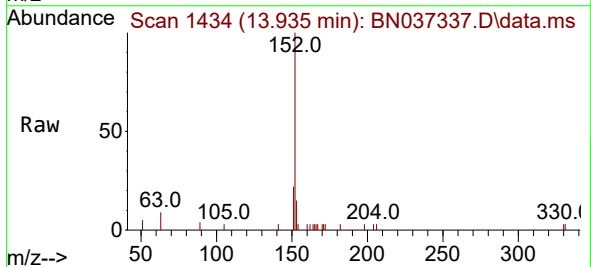


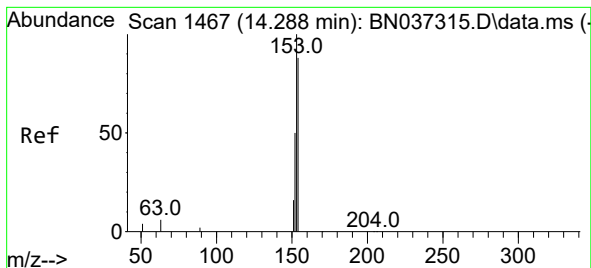
Tgt Ion:172 Resp: 2716  
Ion Ratio Lower Upper  
172 100  
171 37.2 30.8 46.2  
170 24.9 21.9 32.9



#16  
Acenaphthylene  
Concen: 0.378 ng  
RT: 13.935 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Tgt Ion:152 Resp: 2681  
Ion Ratio Lower Upper  
152 100  
151 19.3 16.6 24.8  
153 13.0 10.2 15.2





#17

Acenaphthene

Concen: 0.334 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.011 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :

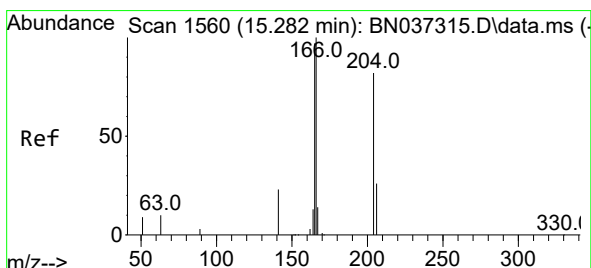
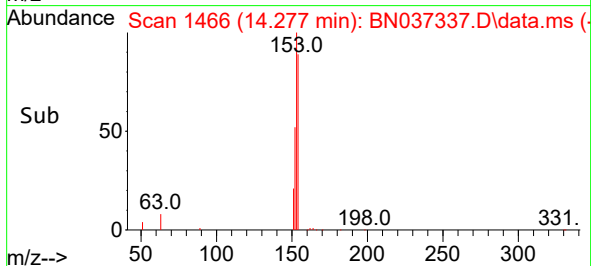
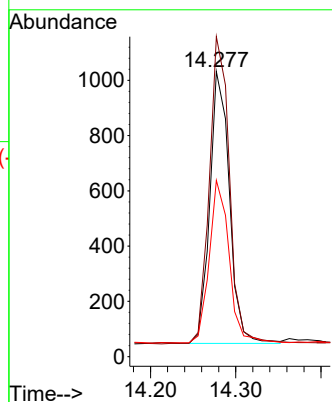
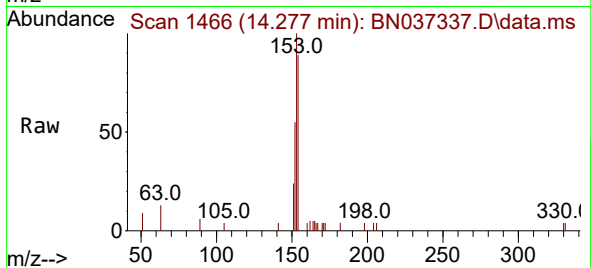
Tgt Ion:154 Resp: 1575

Ion Ratio Lower Upper

154 100

153 117.1 93.1 139.7

152 60.2 48.6 73.0



#18

Fluorene

Concen: 0.338 ng

RT: 15.271 min Scan# 1559

Delta R.T. -0.011 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

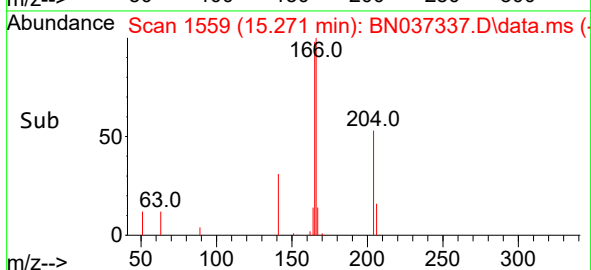
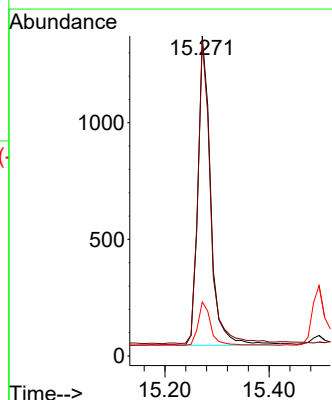
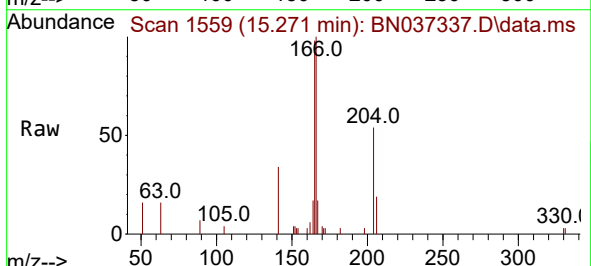
Tgt Ion:166 Resp: 2259

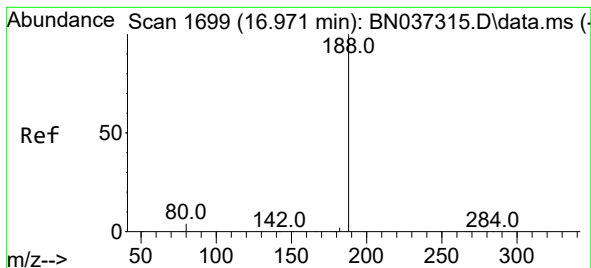
Ion Ratio Lower Upper

166 100

165 97.0 79.5 119.3

167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. -0.000 min

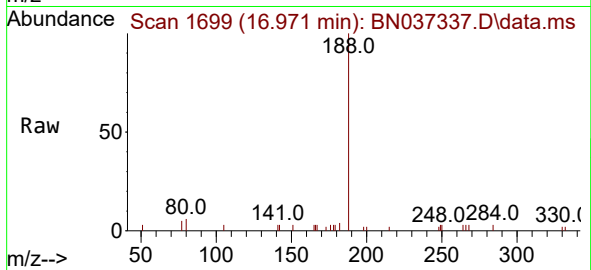
Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

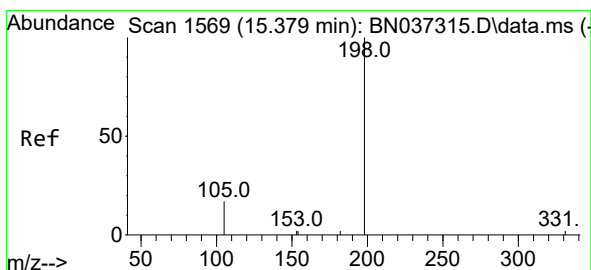
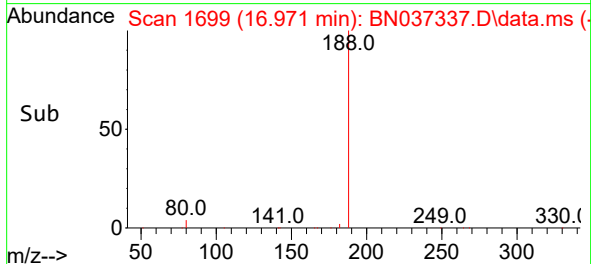
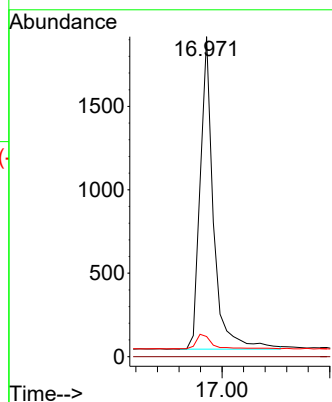
Instrument :

BNA\_N

ClientSampleId :



|           |     |       |       |
|-----------|-----|-------|-------|
| Tgt Ion:  | 188 | Resp: | 3212  |
| Ion Ratio | 100 | Lower | Upper |
| 188       | 100 |       |       |
| 94        | 0.0 | 0.0   | 0.0   |
| 80        | 6.3 | 6.2   | 9.2   |



#20

4,6-Dinitro-2-methylphenol

Concen: 0.306 ng

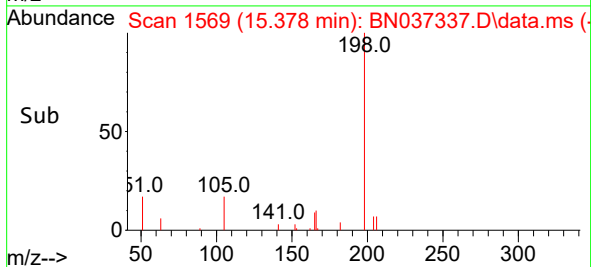
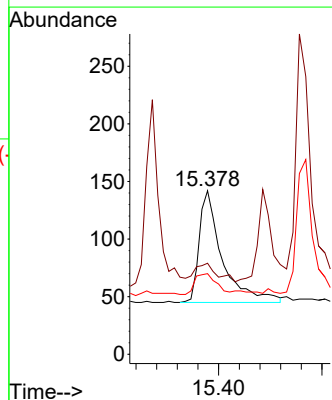
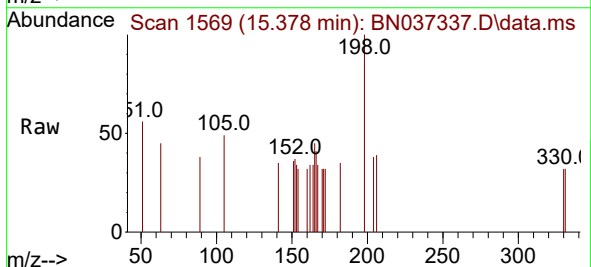
RT: 15.378 min Scan# 1569

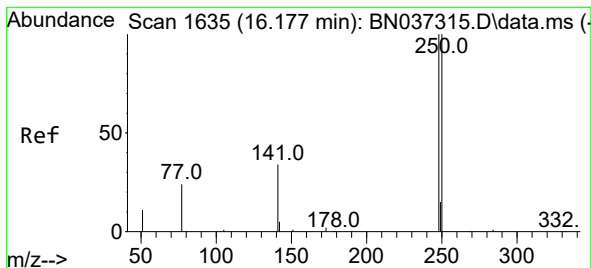
Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 198  | Resp: | 302   |
| Ion Ratio | 100  | Lower | Upper |
| 198       | 100  |       |       |
| 51        | 55.6 | 51.4  | 77.0  |
| 105       | 49.3 | 45.5  | 68.3  |

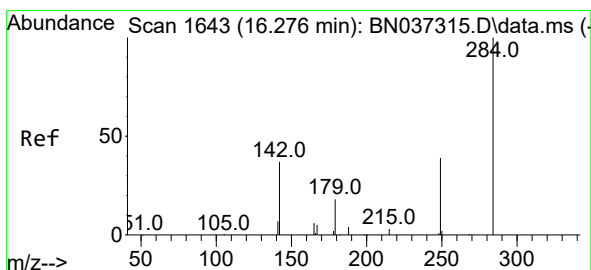
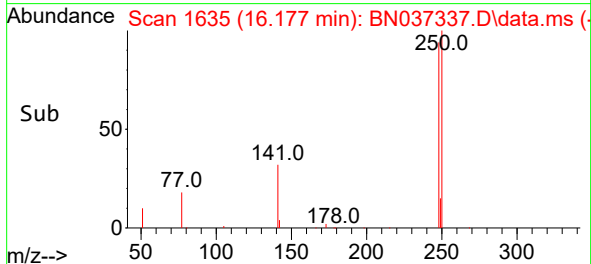
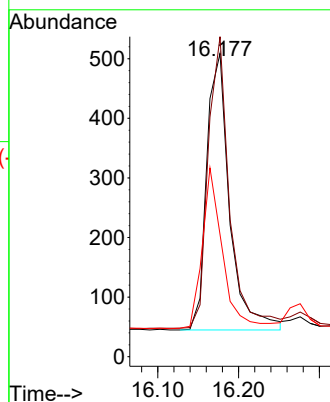
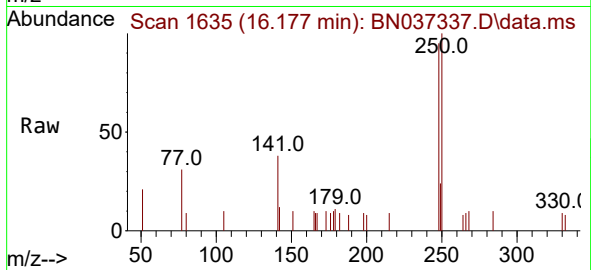




#21  
4-Bromophenyl-phenylether  
Concen: 0.343 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

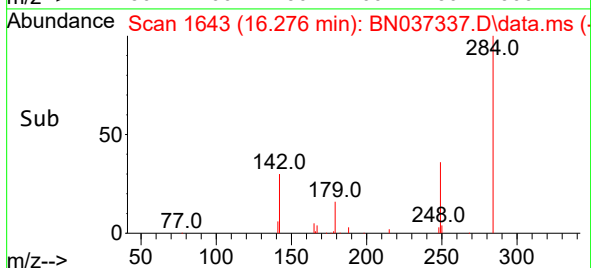
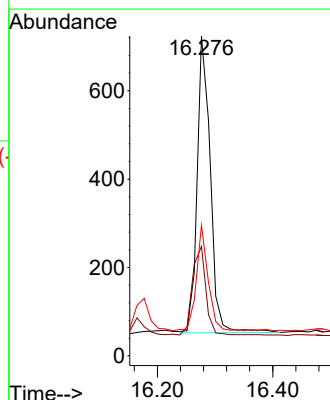
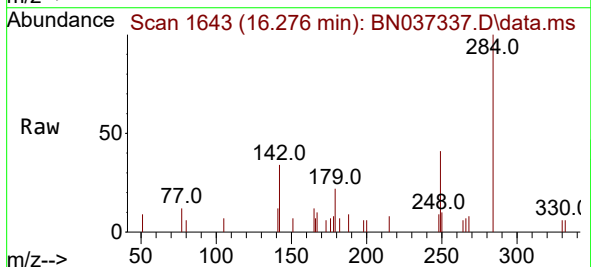
Instrument :  
BNA\_N  
ClientSampleId :

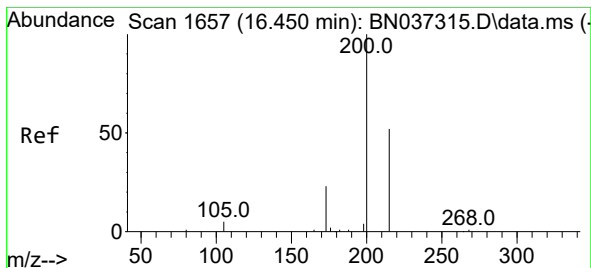
Tgt Ion:248 Resp: 914  
Ion Ratio Lower Upper  
248 100  
250 105.5 80.4 120.6  
141 40.3 33.3 49.9



#22  
Hexachlorobenzene  
Concen: 0.382 ng  
RT: 16.276 min Scan# 1643  
Delta R.T. -0.000 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Tgt Ion:284 Resp: 1066  
Ion Ratio Lower Upper  
284 100  
142 30.2 27.0 40.6  
249 31.9 28.8 43.2





#23

Atrazine

Concen: 0.357 ng

RT: 16.450 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :

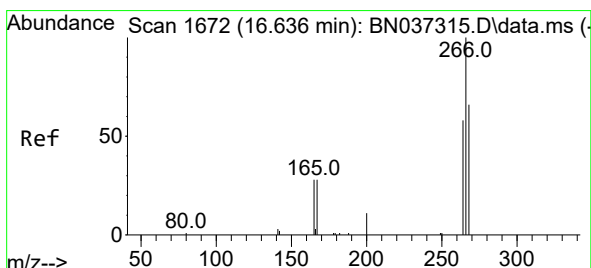
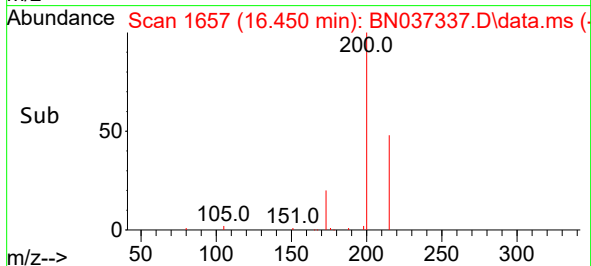
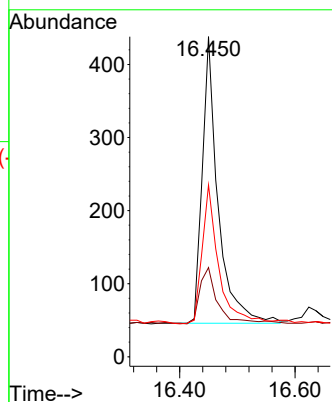
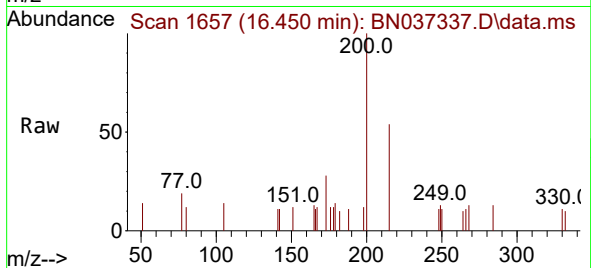
Tgt Ion:200 Resp: 743

Ion Ratio Lower Upper

200 100

173 27.9 29.2 43.8#

215 53.7 48.8 73.2



#24

Pentachlorophenol

Concen: 0.162 ng

RT: 16.624 min Scan# 1671

Delta R.T. -0.013 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

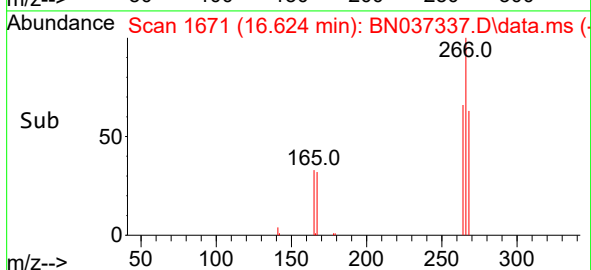
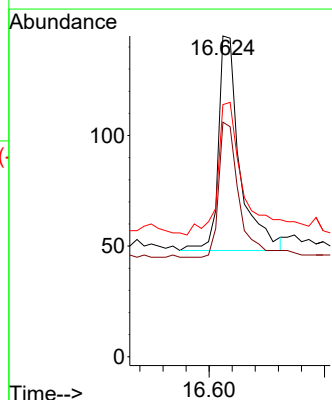
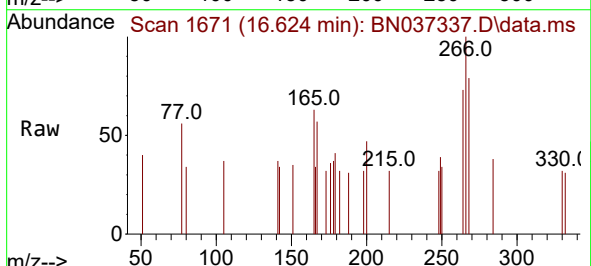
Tgt Ion:266 Resp: 250

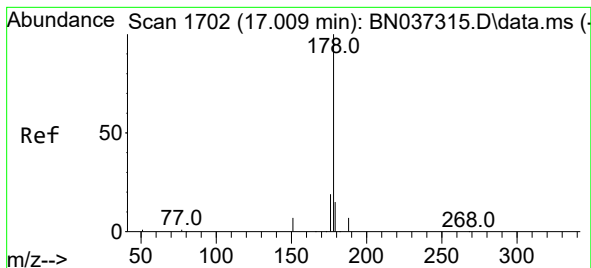
Ion Ratio Lower Upper

266 100

264 62.0 50.3 75.5

268 77.6 55.3 82.9





#25

Phenanthrene

Concen: 0.368 ng

RT: 17.009 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BN037337.D

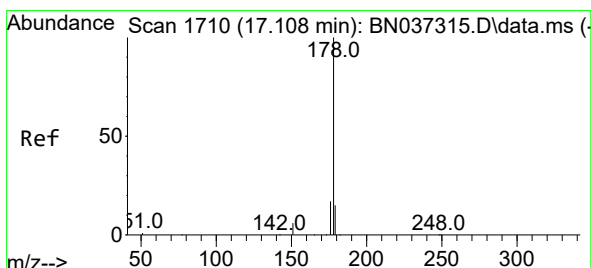
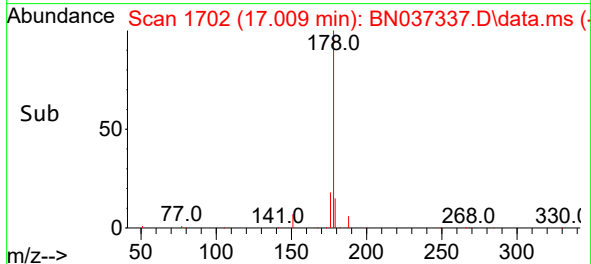
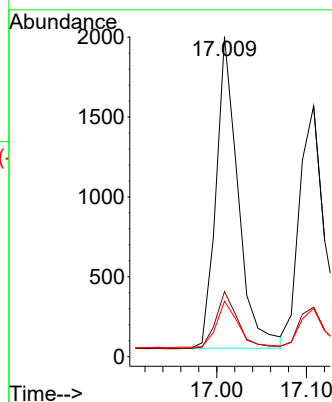
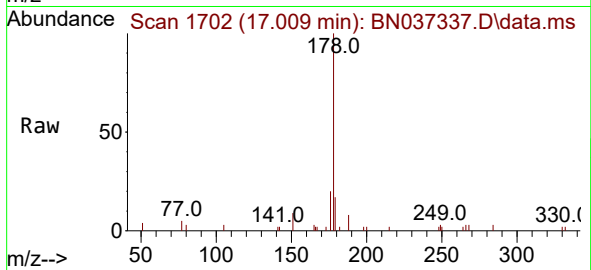
Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:178 | Resp: | 3326        |
| Ion         | Ratio | Lower Upper |
| 178         | 100   |             |
| 176         | 18.9  | 15.2 22.8   |
| 179         | 15.0  | 12.9 19.3   |



#26

Anthracene

Concen: 0.369 ng

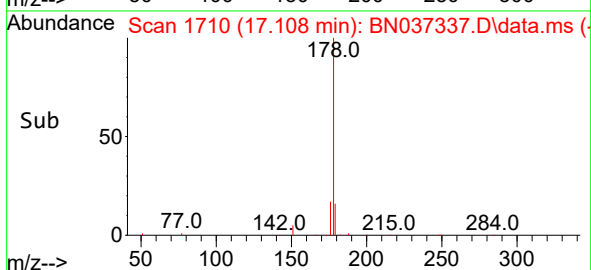
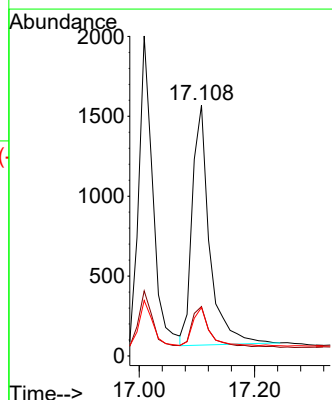
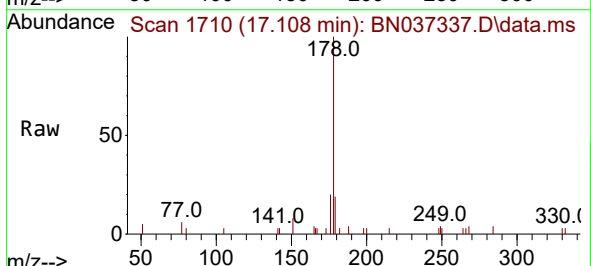
RT: 17.108 min Scan# 1710

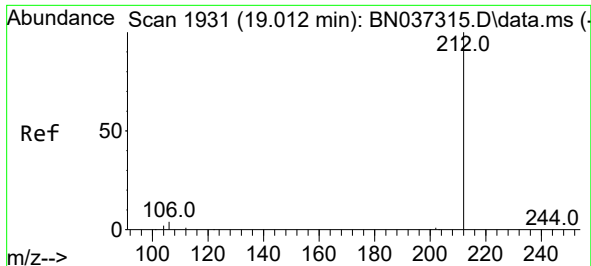
Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

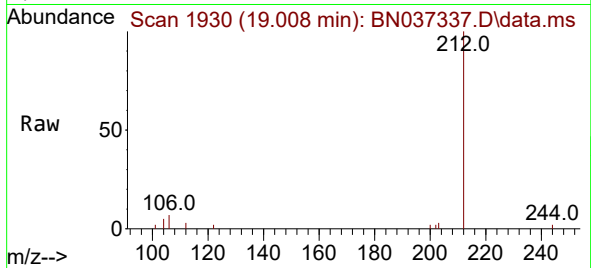
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:178 | Resp: | 3130        |
| Ion         | Ratio | Lower Upper |
| 178         | 100   |             |
| 176         | 18.5  | 14.7 22.1   |
| 179         | 16.4  | 13.0 19.6   |



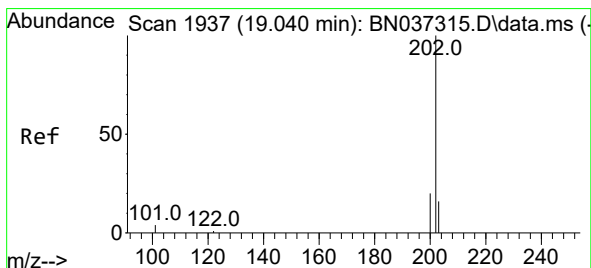
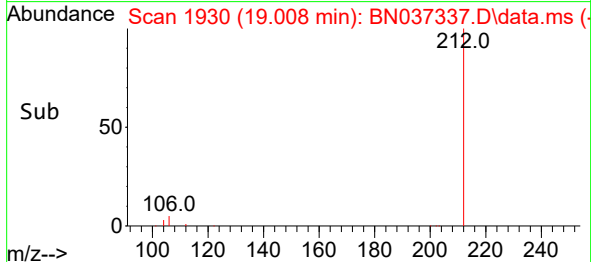
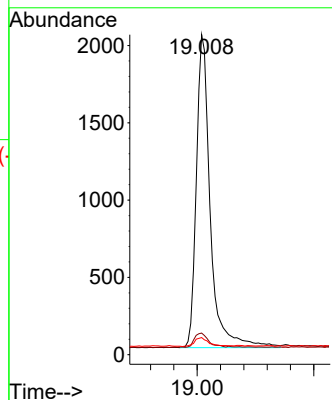


#27  
Fluoranthene-d10  
Concen: 0.329 ng  
RT: 19.008 min Scan# 1930  
Delta R.T. -0.005 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Instrument :  
BNA\_N  
ClientSampleId :

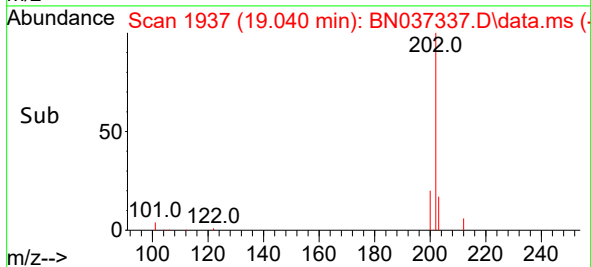
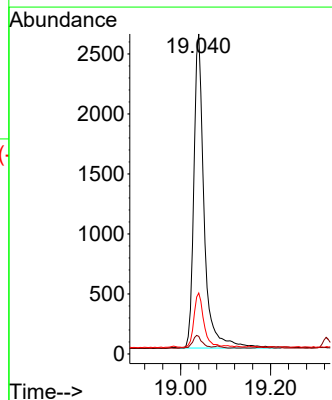
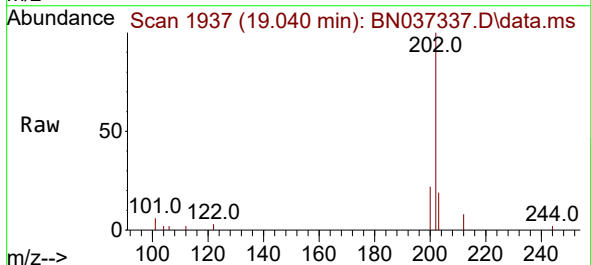


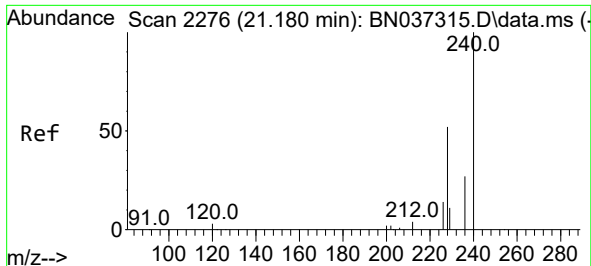
Tgt Ion:212 Resp: 3351  
Ion Ratio Lower Upper  
212 100  
106 4.7 3.0 4.4#  
104 3.0 2.0 3.0#



#28  
Fluoranthene  
Concen: 0.331 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.000 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

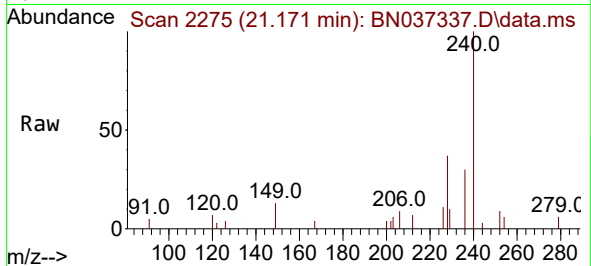
Tgt Ion:202 Resp: 4162  
Ion Ratio Lower Upper  
202 100  
101 3.9 3.0 4.6  
203 16.6 13.7 20.5



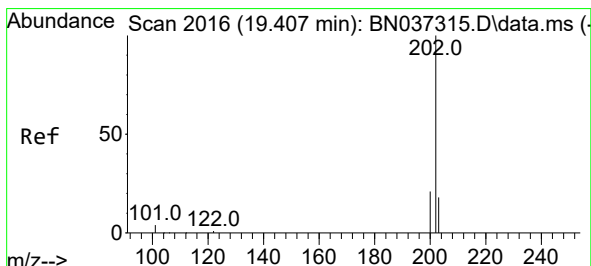
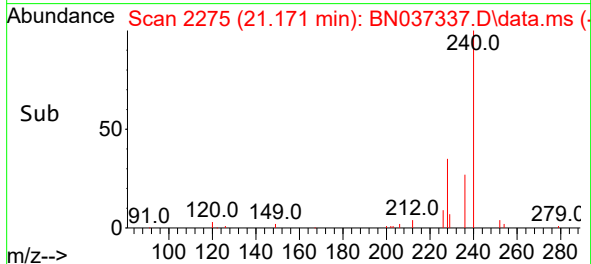
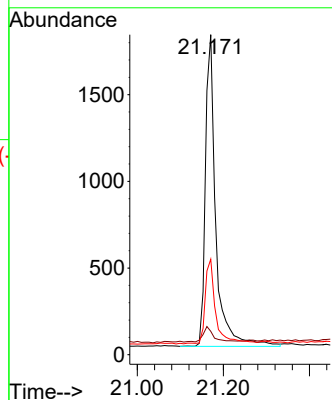


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.171 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Instrument :  
BNA\_N  
ClientSampleId :

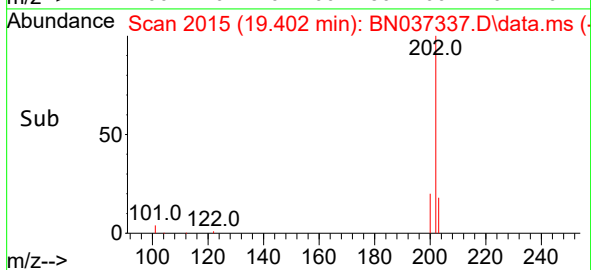
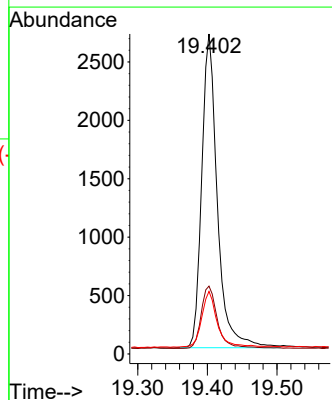
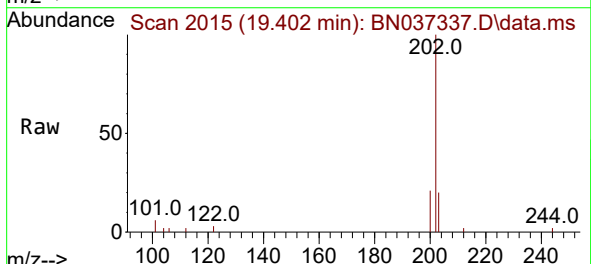


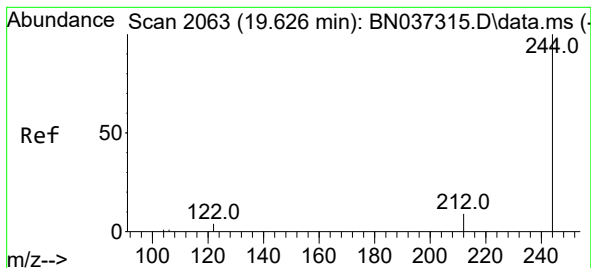
Tgt Ion:240 Resp: 3029  
Ion Ratio Lower Upper  
240 100  
120 7.3 7.5 11.3#  
236 29.8 24.9 37.3



#30  
Pyrene  
Concen: 0.363 ng  
RT: 19.402 min Scan# 2015  
Delta R.T. -0.005 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Tgt Ion:202 Resp: 4189  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.8 25.2  
203 17.8 14.5 21.7





#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

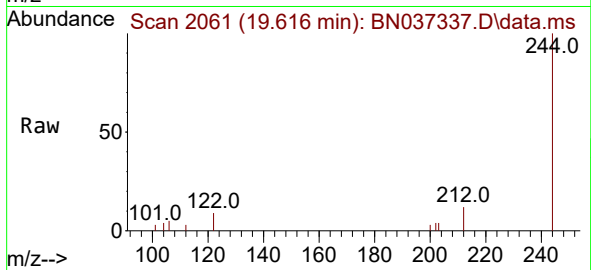
Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :



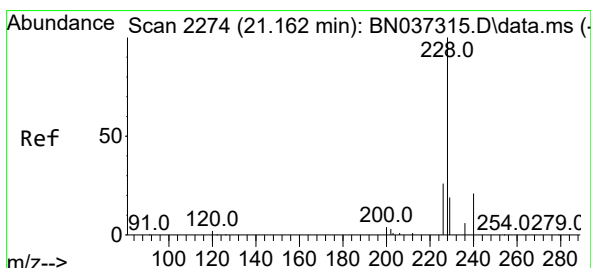
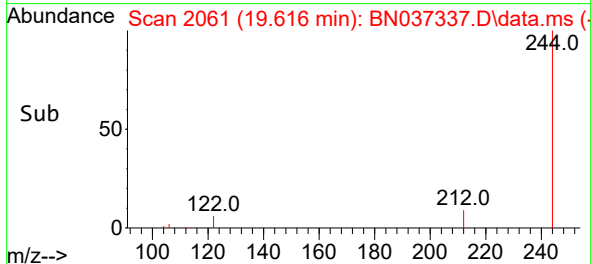
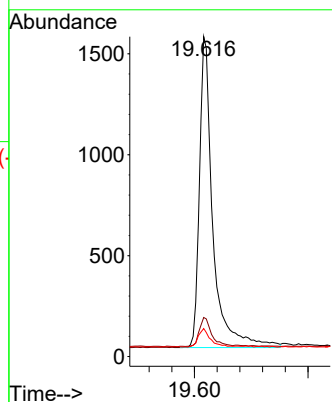
Tgt Ion:244 Resp: 2523

Ion Ratio Lower Upper

244 100

212 12.2 11.1 16.7

122 8.8 7.2 10.8



#32

Benzo(a)anthracene

Concen: 0.377 ng

RT: 21.153 min Scan# 2273

Delta R.T. -0.009 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

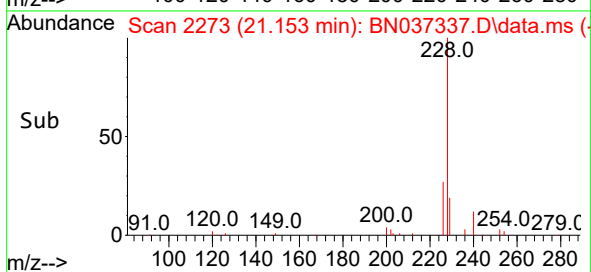
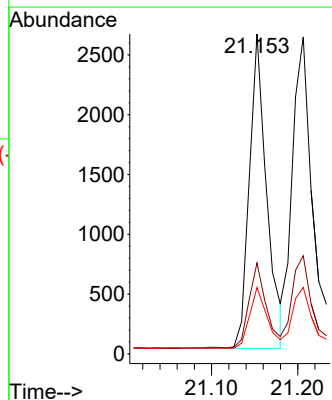
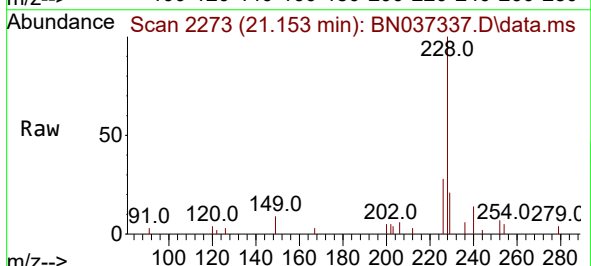
Tgt Ion:228 Resp: 3675

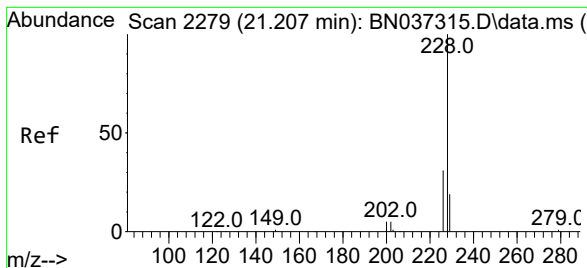
Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.4

229 20.7 17.4 26.0





#33

Chrysene

Concen: 0.363 ng

RT: 21.206 min Scan# 21

Delta R.T. -0.000 min

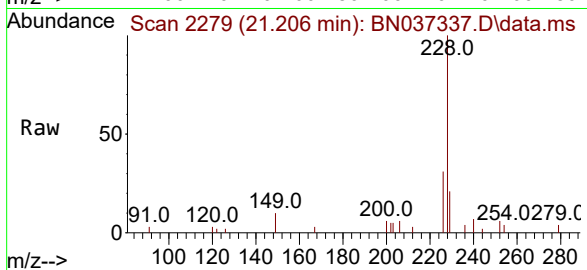
Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :



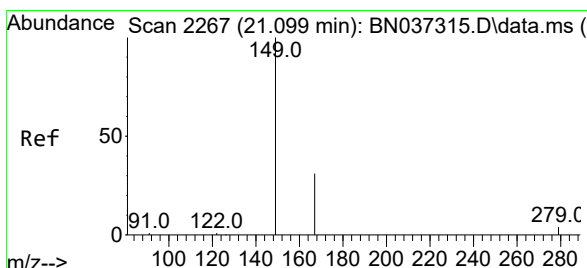
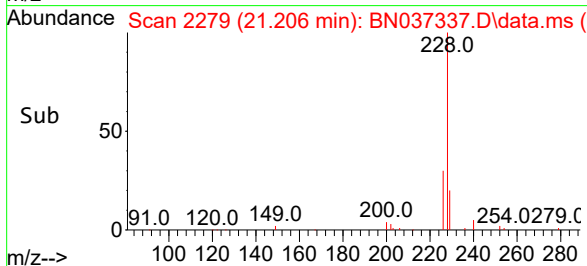
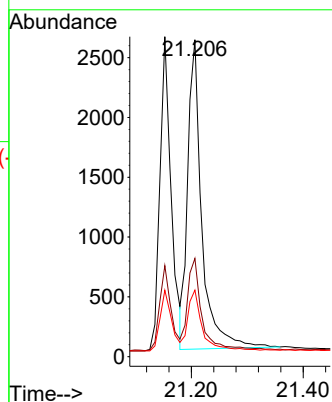
Tgt Ion:228 Resp: 4517

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.2

229 21.0 17.3 25.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.384 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

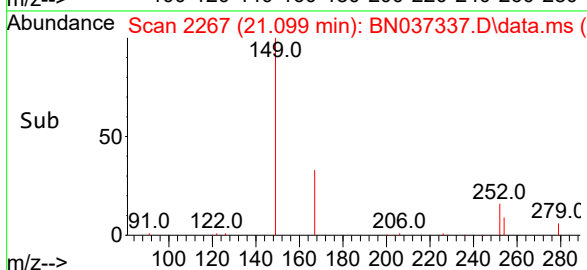
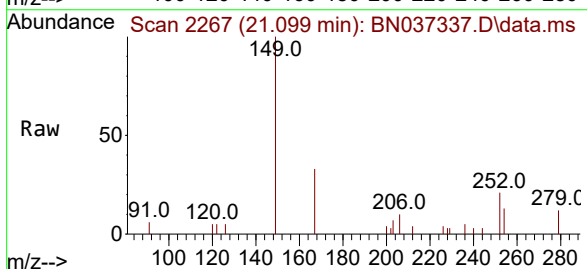
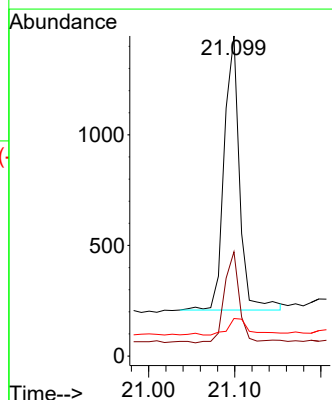
Tgt Ion:149 Resp: 1537

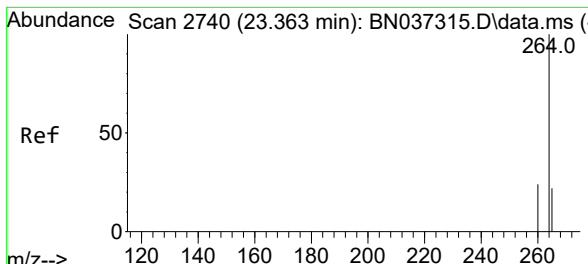
Ion Ratio Lower Upper

149 100

167 31.9 24.6 37.0

279 8.3 6.5 9.7



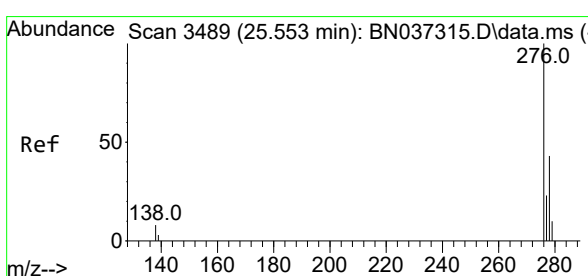
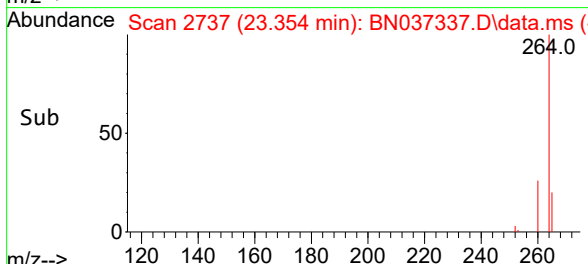
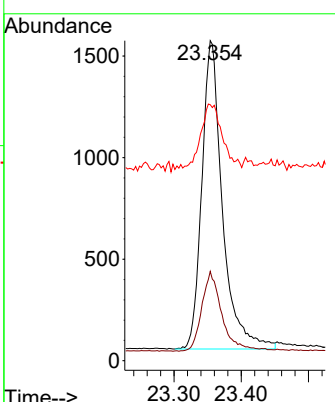
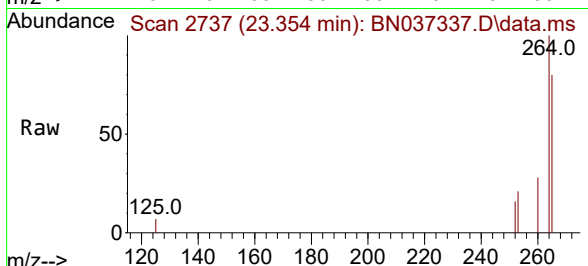


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.354 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN037337.D  
 Acq: 19 Jun 2025 05:54

Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion:264 Resp: 3232

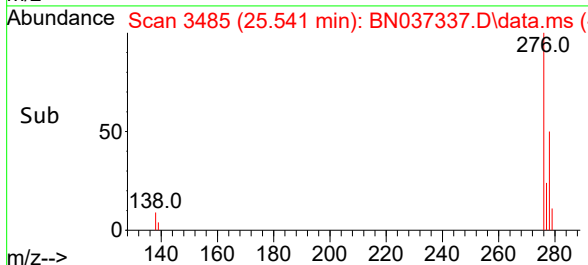
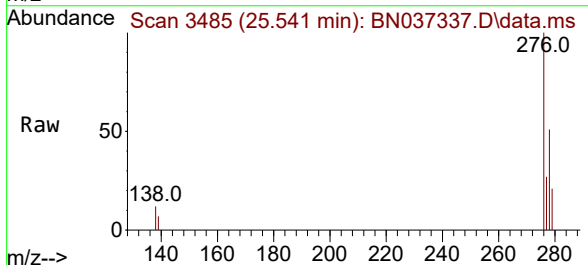
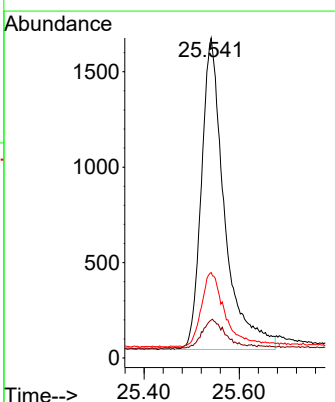
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.9  | 21.4  | 32.2  |
| 265 | 80.0  | 71.4  | 107.0 |

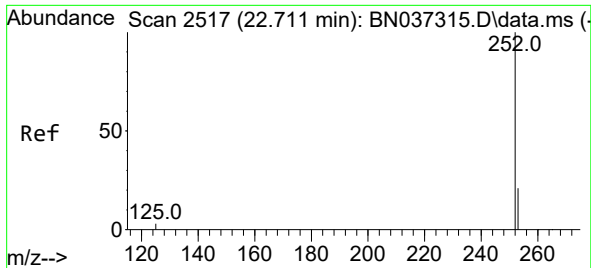


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.405 ng  
 RT: 25.541 min Scan# 3485  
 Delta R.T. -0.012 min  
 Lab File: BN037337.D  
 Acq: 19 Jun 2025 05:54

Tgt Ion:276 Resp: 5500

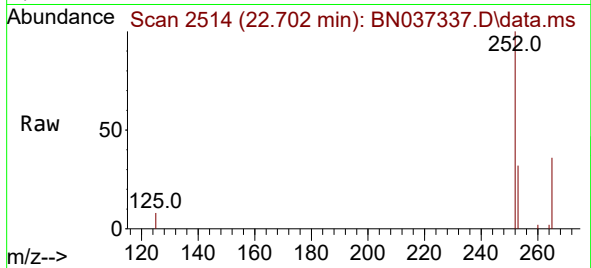
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 8.9   | 2.2   | 3.2   |
| 277 | 24.1  | 17.1  | 25.7  |



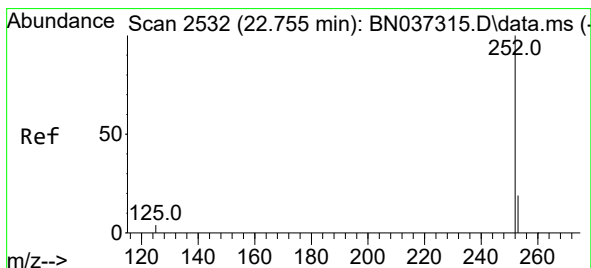
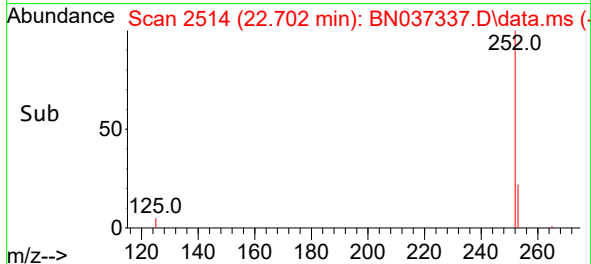
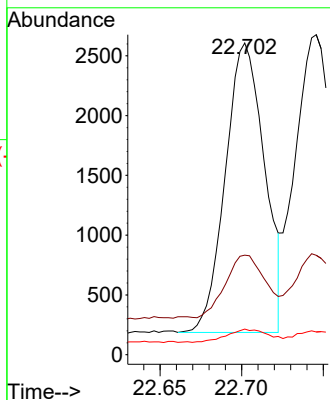


#37  
Benzo(b)fluoranthene  
Concen: 0.358 ng  
RT: 22.702 min Scan# 2514  
Delta R.T. -0.009 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Instrument :  
BNA\_N  
ClientSampleId :

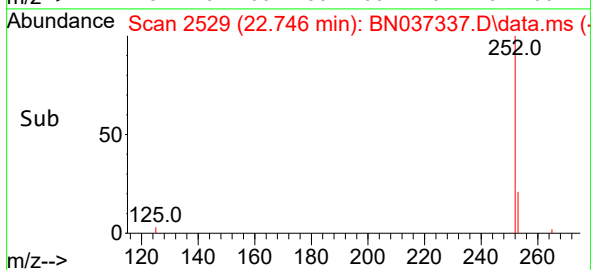
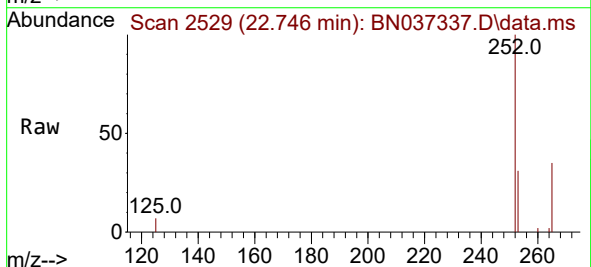
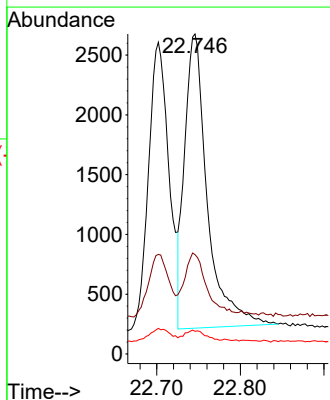


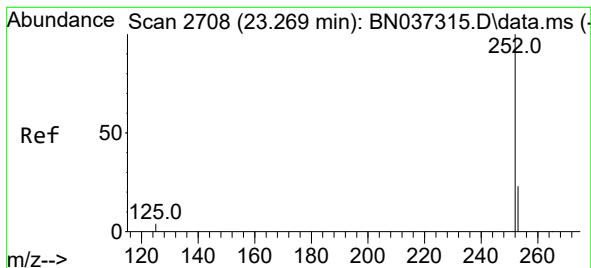
Tgt Ion:252 Resp: 4039  
Ion Ratio Lower Upper  
252 100  
253 31.9 26.6 40.0  
125 8.2 6.1 9.1



#38  
Benzo(k)fluoranthene  
Concen: 0.374 ng  
RT: 22.746 min Scan# 2529  
Delta R.T. -0.009 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Tgt Ion:252 Resp: 4639  
Ion Ratio Lower Upper  
252 100  
253 31.1 26.7 40.1  
125 7.1 6.5 9.7





#39

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.260 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA\_N

ClientSampleId :

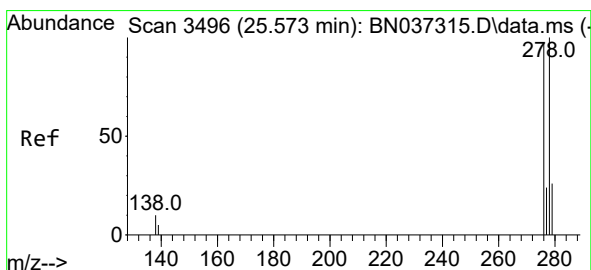
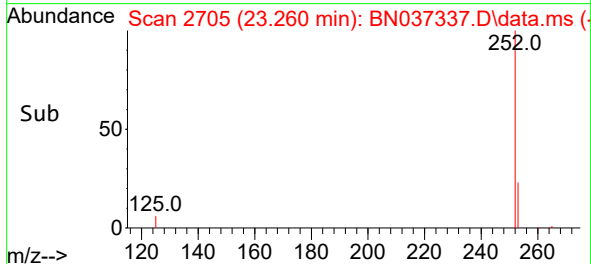
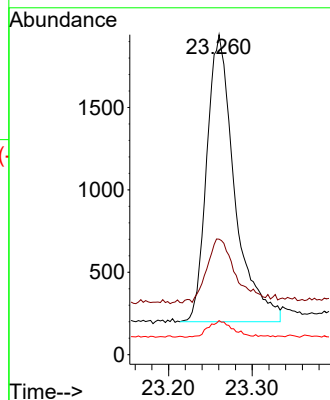
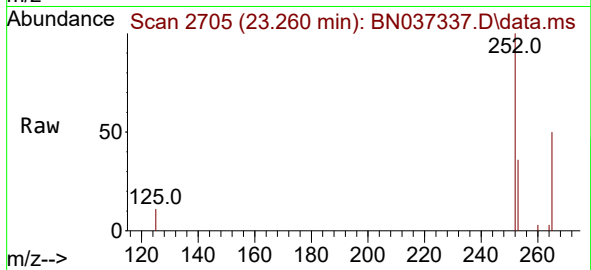
Tgt Ion:252 Resp: 4040

Ion Ratio Lower Upper

252 100

253 36.1 31.6 47.4

125 10.7 8.4 12.6



#40

Dibenzo(a,h)anthracene

Concen: 0.375 ng

RT: 25.555 min Scan# 3490

Delta R.T. -0.018 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

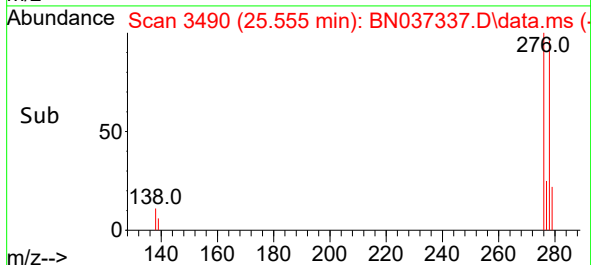
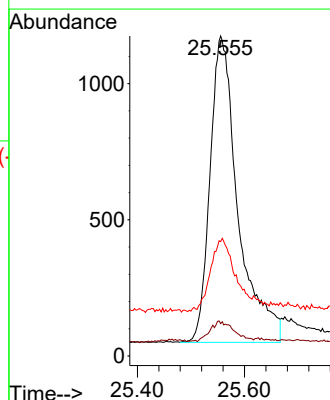
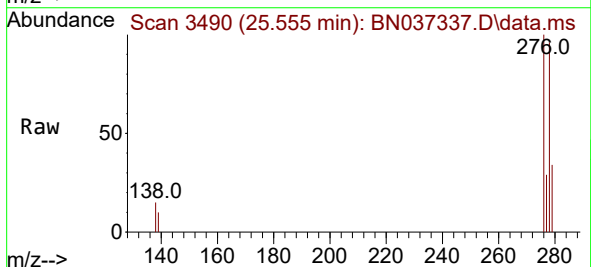
Tgt Ion:278 Resp: 4089

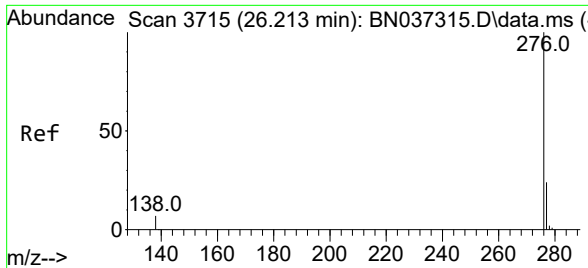
Ion Ratio Lower Upper

278 100

139 10.1 10.2 15.4#

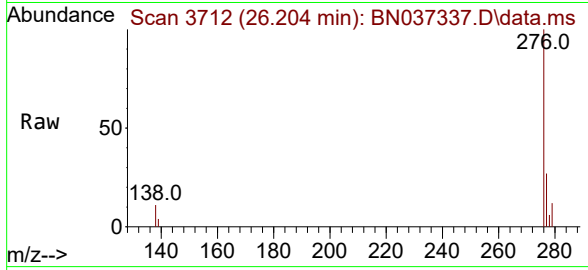
279 35.7 35.6 53.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.373 ng  
RT: 26.204 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BN037337.D  
Acq: 19 Jun 2025 05:54

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:276 Resp: 4647  
Ion Ratio Lower Upper  
276 100  
277 27.0 22.7 34.1  
138 10.7 9.4 14.2

