

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037232.D  
 Acq On : 13 Jun 2025 17:47  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN061325

Quant Time: Jun 13 18:44:16 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 18:43:34 2025  
 Response via : Initial Calibration

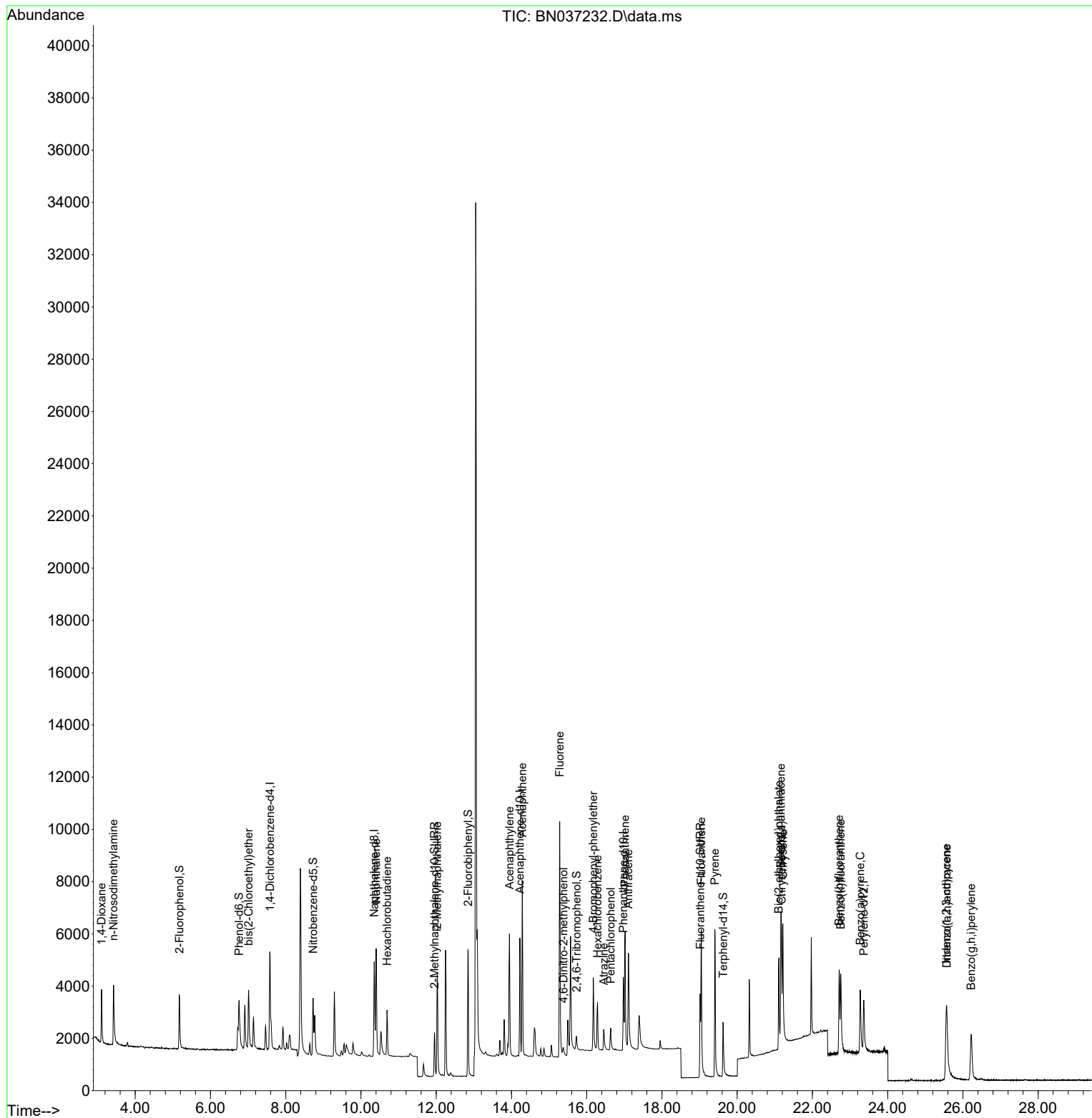
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.582  | 152  | 1986     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 4902     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 2552     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 4515     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.180 | 240  | 3230     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.366 | 264  | 3076     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 1716     | 0.352 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1849     | 0.360 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 1988     | 0.410 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.955 | 152  | 2615     | 0.398 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 327      | 0.308 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.848 | 172  | 4427     | 0.413 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.017 | 212  | 4358     | 0.369 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.625 | 244  | 3044     | 0.417 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 1095     | 0.402 | ng    | 91       |
| 3) n-Nitrosodimethylamine     | 3.422  | 42   | 2259     | 0.364 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 2110     | 0.458 | ng    | 89       |
| 9) Naphthalene                | 10.404 | 128  | 5483     | 0.386 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.693 | 225  | 1319     | 0.382 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.026 | 142  | 3073     | 0.356 | ng    | 99       |
| 16) Acenaphthylene            | 13.946 | 152  | 5109     | 0.409 | ng    | 98       |
| 17) Acenaphthene              | 14.288 | 154  | 3050     | 0.378 | ng    | 99       |
| 18) Fluorene                  | 15.282 | 166  | 3826     | 0.369 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 326      | 0.392 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 1082     | 0.368 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.289 | 284  | 1296     | 0.380 | ng    | 98       |
| 23) Atrazine                  | 16.450 | 200  | 1004     | 0.383 | ng    | 89       |
| 24) Pentachlorophenol         | 16.636 | 266  | 540      | 0.323 | ng    | 95       |
| 25) Phenanthrene              | 17.021 | 178  | 5458     | 0.381 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 4934     | 0.376 | ng    | 100      |
| 28) Fluoranthene              | 19.045 | 202  | 5935     | 0.354 | ng    | 98       |
| 30) Pyrene                    | 19.407 | 202  | 5948     | 0.392 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.162 | 228  | 4183     | 0.384 | ng    | 99       |
| 33) Chrysene                  | 21.215 | 228  | 5302     | 0.390 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.108 | 149  | 3027     | 0.373 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.558 | 276  | 4825     | 0.389 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.711 | 252  | 4122     | 0.366 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.752 | 252  | 4721     | 0.363 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.272 | 252  | 4086     | 0.404 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 25.573 | 278  | 3443     | 0.365 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.219 | 276  | 4068     | 0.354 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

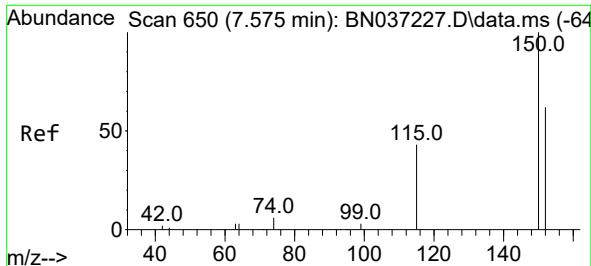
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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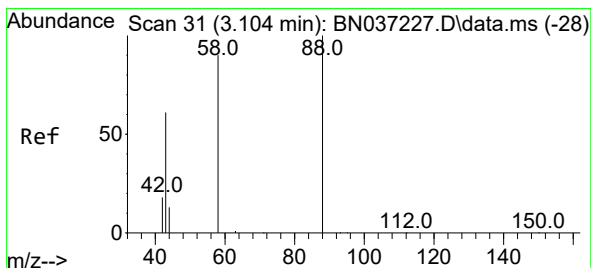
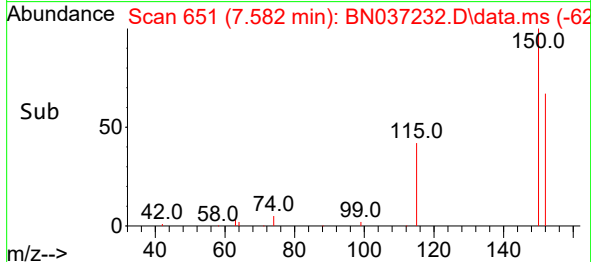
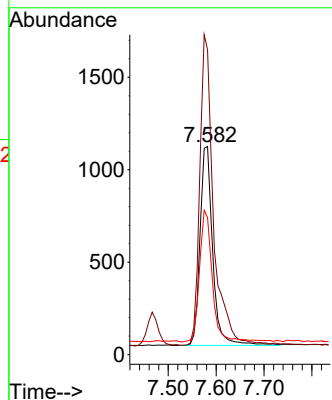
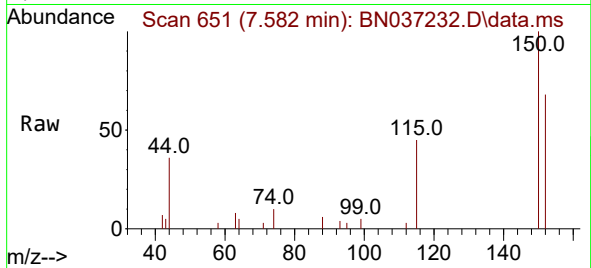




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.582 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

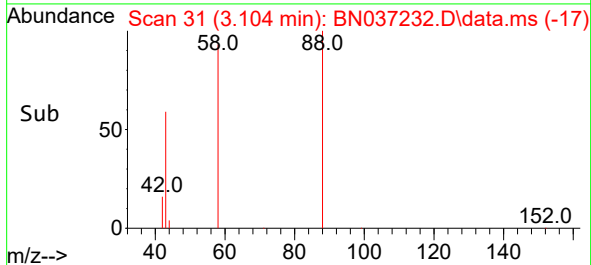
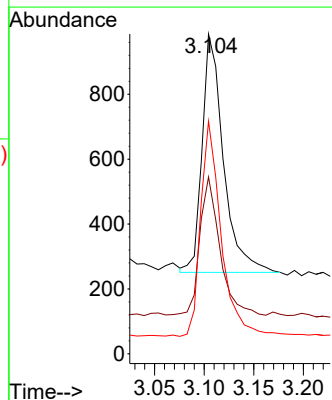
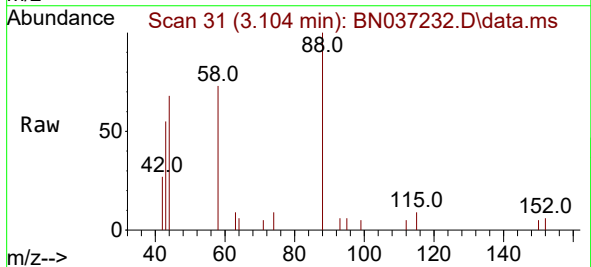
Instrument :  
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ClientSampleId :  
ICVBN061325

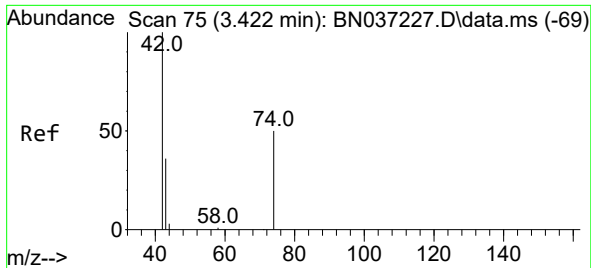
Tgt Ion:152 Resp: 1986  
Ion Ratio Lower Upper  
152 100  
150 146.5 125.2 187.8  
115 65.8 58.4 87.6



#2  
1,4-Dioxane  
Concen: 0.402 ng  
RT: 3.104 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion: 88 Resp: 1095  
Ion Ratio Lower Upper  
88 100  
43 54.6 52.6 79.0  
58 86.8 73.5 110.3

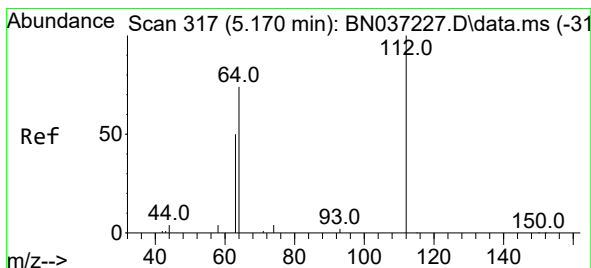
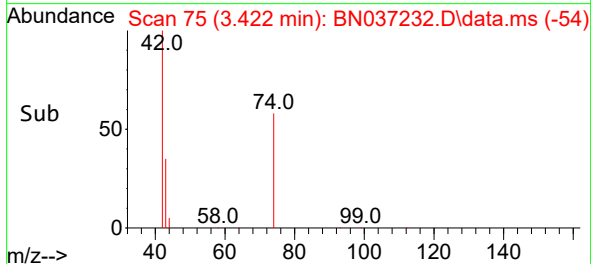
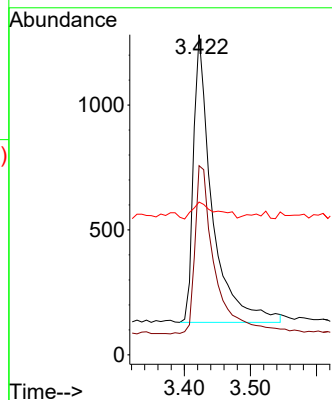
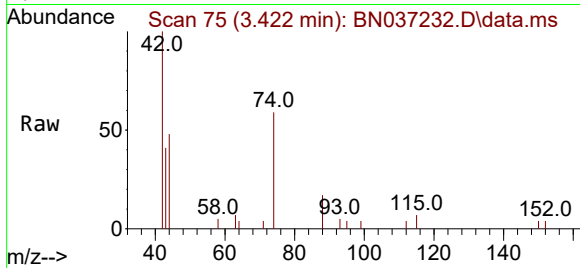




#3  
n-Nitrosodimethylamine  
Concen: 0.364 ng  
RT: 3.422 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

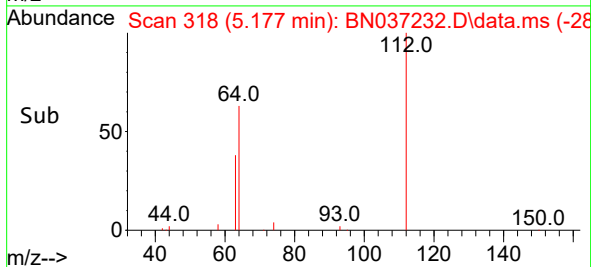
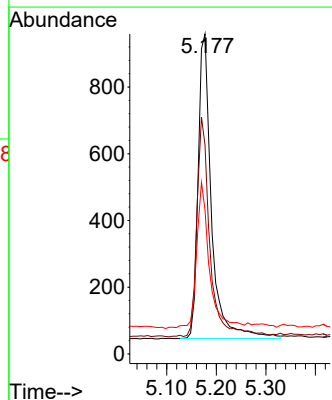
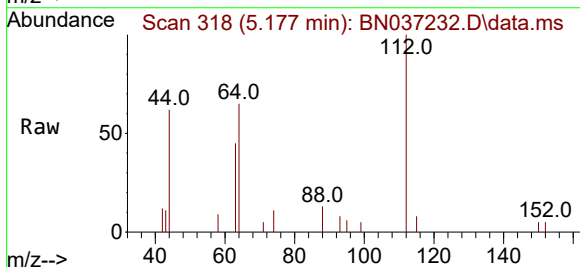
Instrument :  
BNA\_N  
ClientSampleId :  
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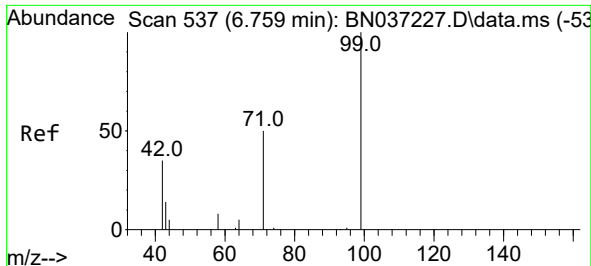
Tgt Ion: 42 Resp: 2259  
Ion Ratio Lower Upper  
42 100  
74 62.0 44.6 66.8  
44 7.5 3.5 5.3#



#4  
2-Fluorophenol  
Concen: 0.352 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion: 112 Resp: 1716  
Ion Ratio Lower Upper  
112 100  
64 70.6 57.2 85.8  
63 45.6 39.8 59.6

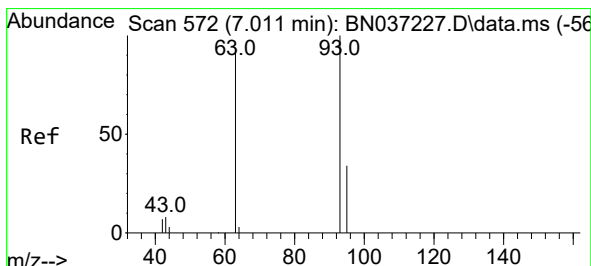
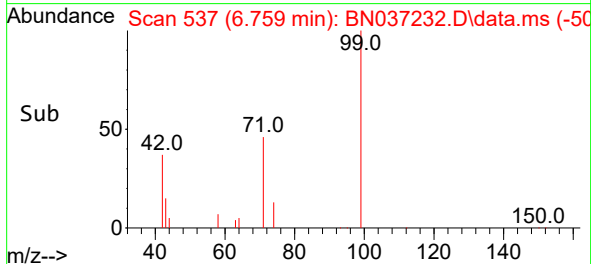
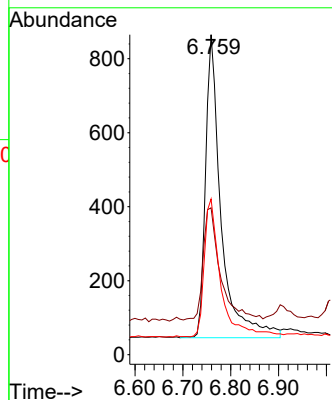
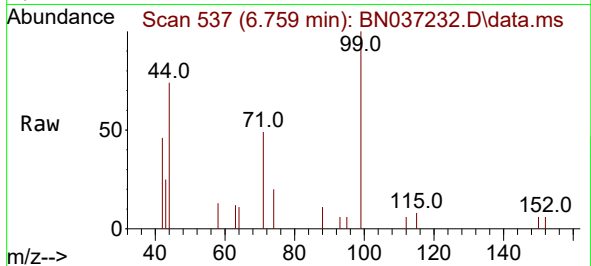




#5  
Phenol-d6  
Concen: 0.360 ng  
RT: 6.759 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

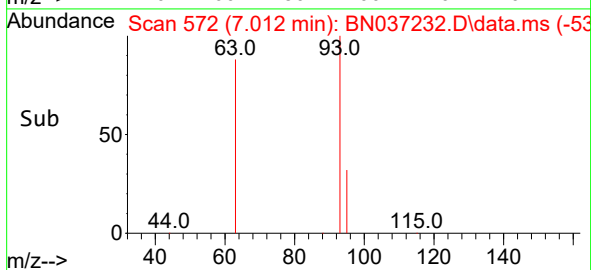
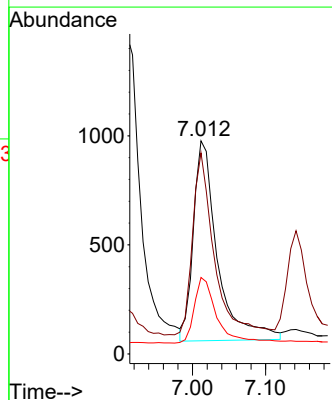
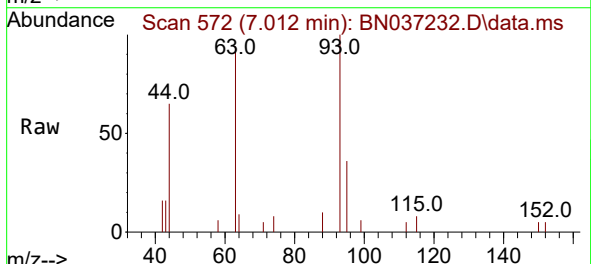
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

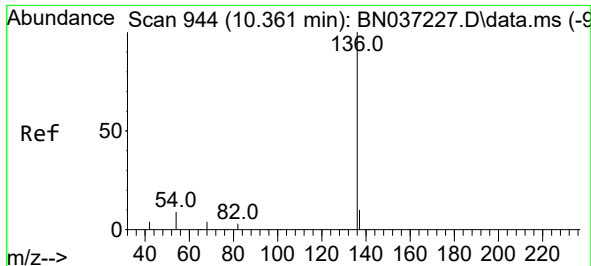
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1849  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 40.9  | 36.2  | 54.4  |
| 71       | 48.2  | 42.4  | 63.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.458 ng  
RT: 7.012 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2110  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 81.0  | 75.2  | 112.8 |
| 95       | 31.9  | 28.3  | 42.5  |

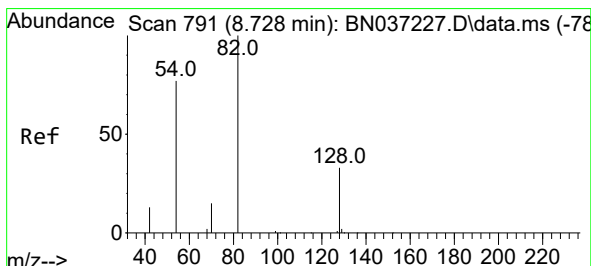
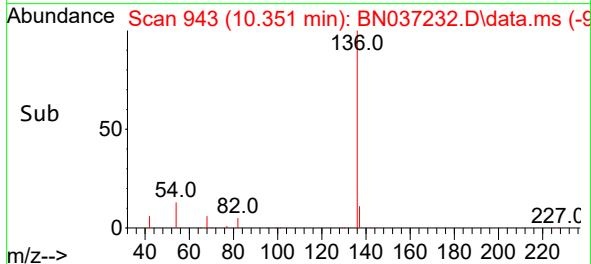
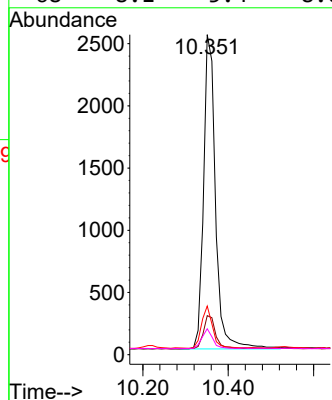
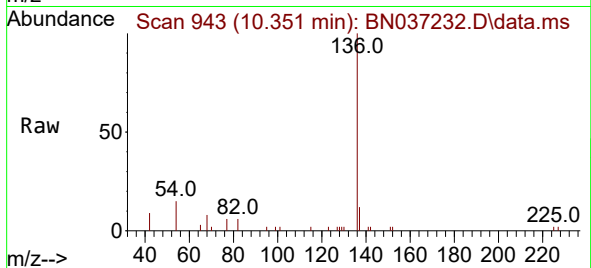




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

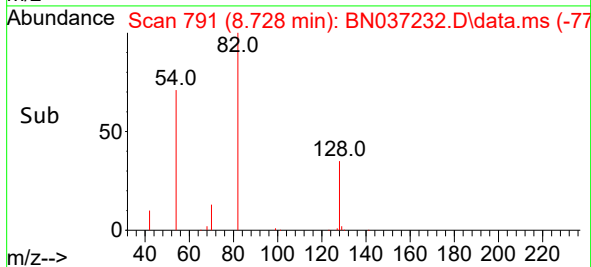
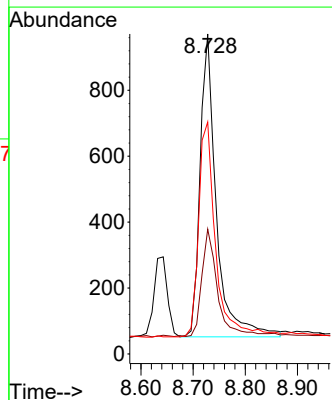
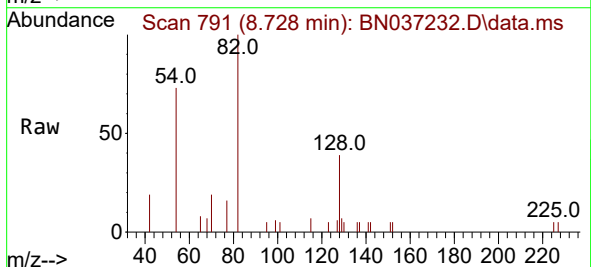
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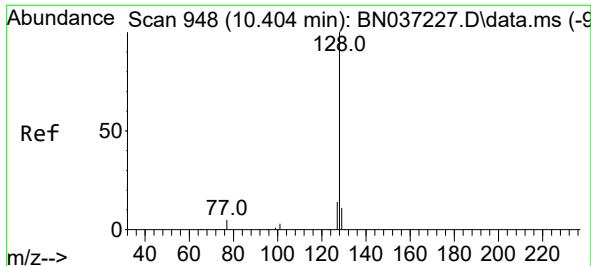
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4902  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 10.6  | 15.8  |
| 54       | 15.2  | 9.2   | 13.8# |
| 68       | 8.1   | 5.4   | 8.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.410 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1988  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.0  | 31.2  | 46.8  |
| 54       | 72.5  | 63.3  | 94.9  |

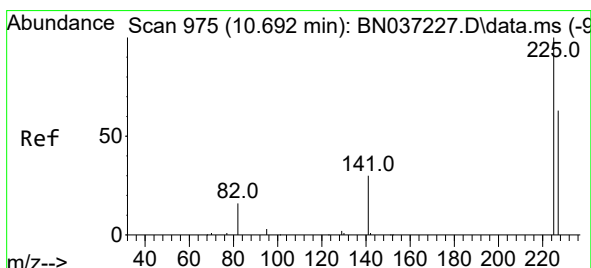
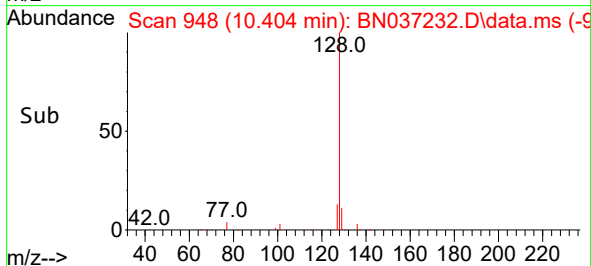
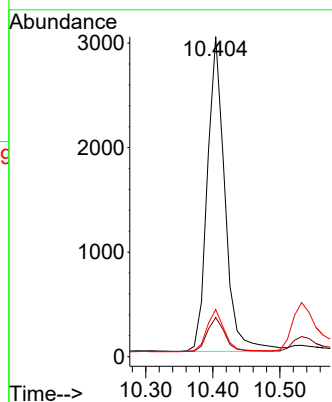
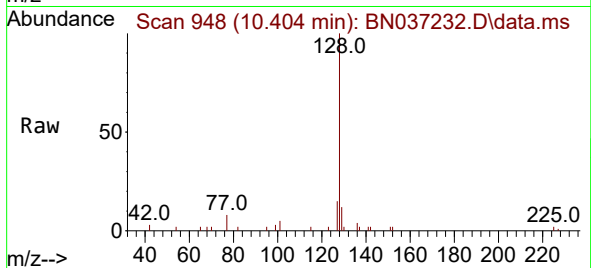




#9  
Naphthalene  
Concen: 0.386 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

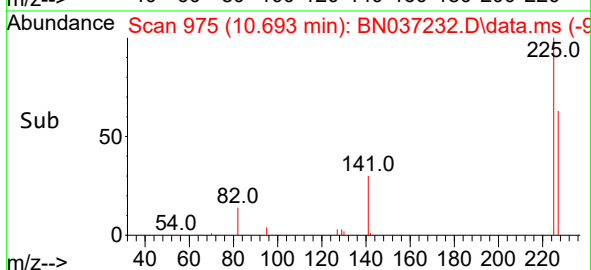
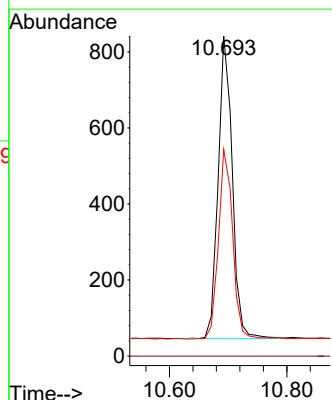
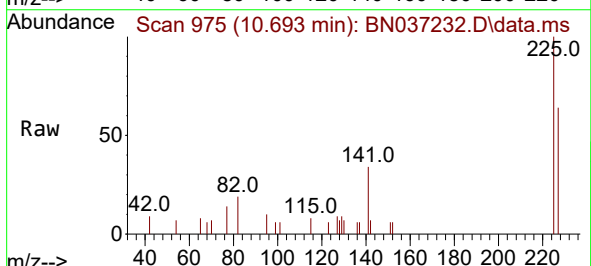
Instrument :  
BNA\_N  
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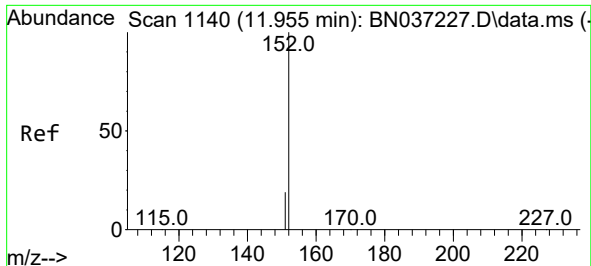
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 5483  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.3  | 10.7  | 16.1  |
| 127      | 14.7  | 12.6  | 19.0  |



#10  
Hexachlorobutadiene  
Concen: 0.382 ng  
RT: 10.693 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1319  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 49.2  | 73.8  |

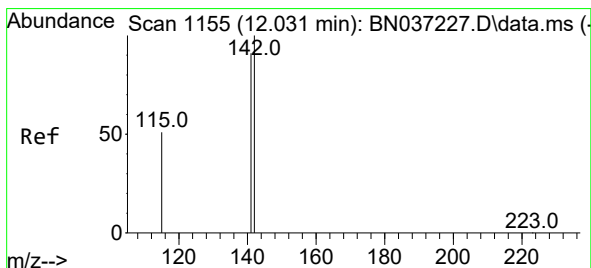
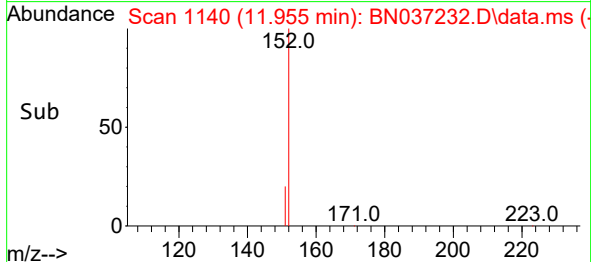
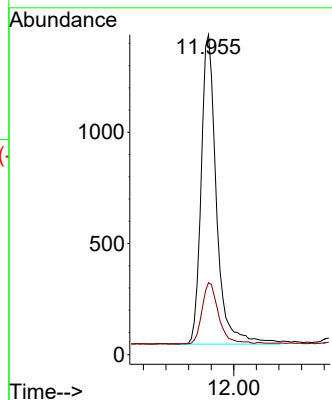
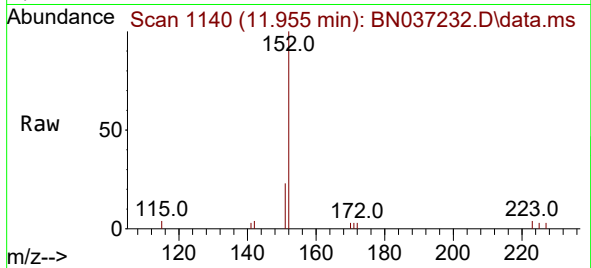




#11  
2-Methylnaphthalene-d10  
Concen: 0.398 ng  
RT: 11.955 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
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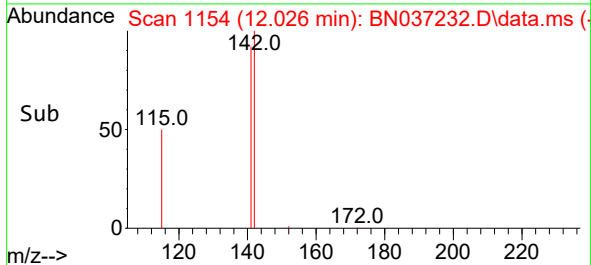
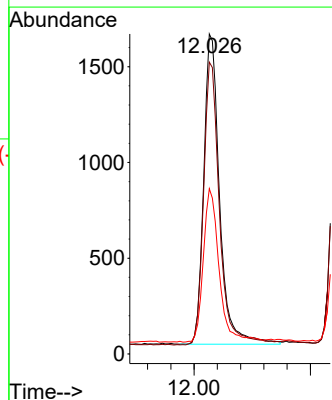
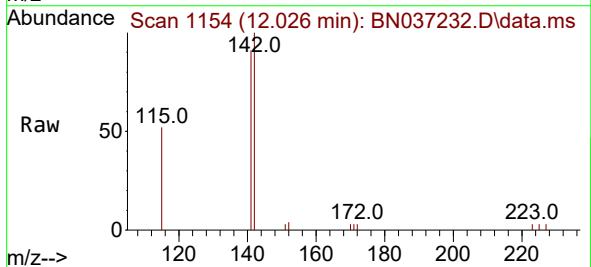
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

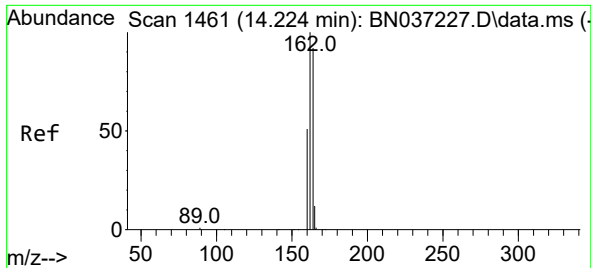
Tgt Ion:152 Resp: 2615  
Ion Ratio Lower Upper  
152 100  
151 21.3 17.9 26.9



#12  
2-Methylnaphthalene  
Concen: 0.356 ng  
RT: 12.026 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:142 Resp: 3073  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.0 109.6  
115 51.6 43.3 64.9

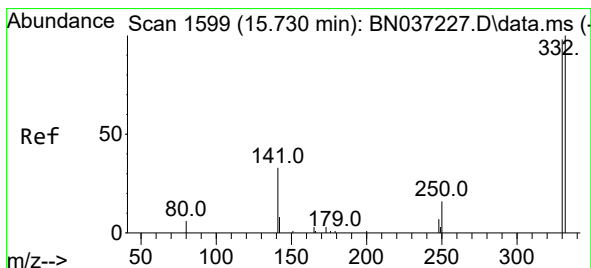
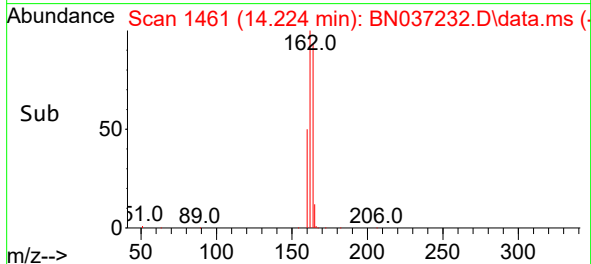
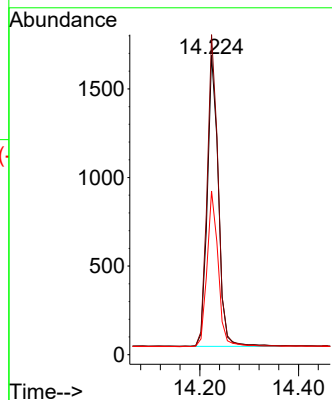
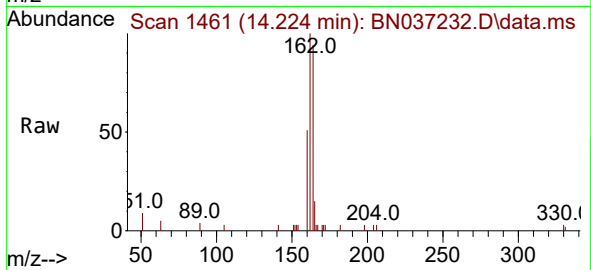




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

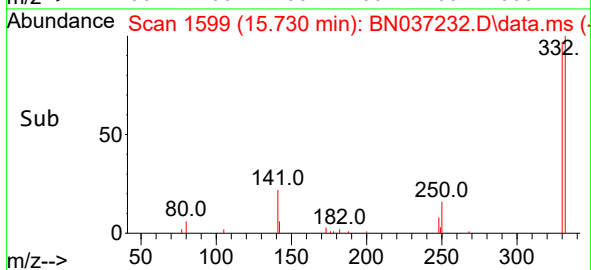
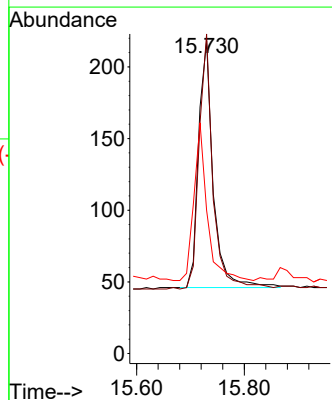
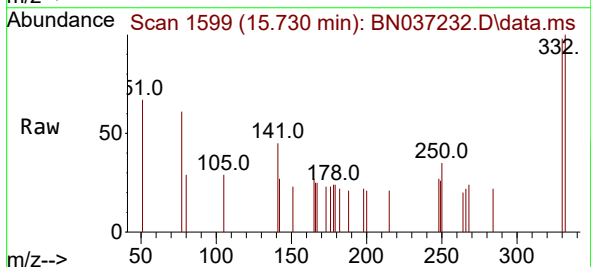
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

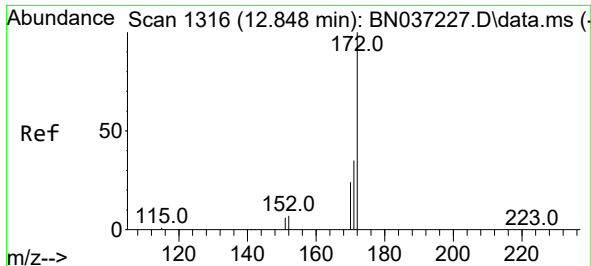
Tgt Ion:164 Resp: 2552  
Ion Ratio Lower Upper  
164 100  
162 106.8 86.7 130.1  
160 54.6 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.308 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:330 Resp: 327  
Ion Ratio Lower Upper  
330 100  
332 97.6 74.9 112.3  
141 57.2 45.1 67.7

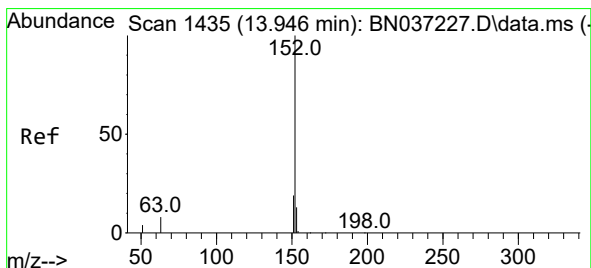
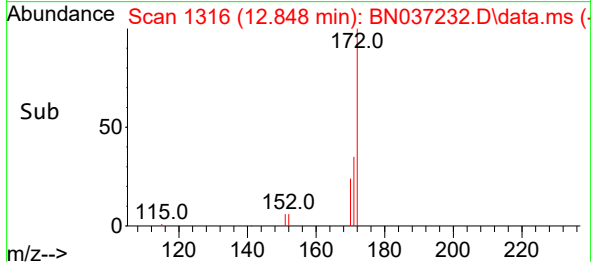
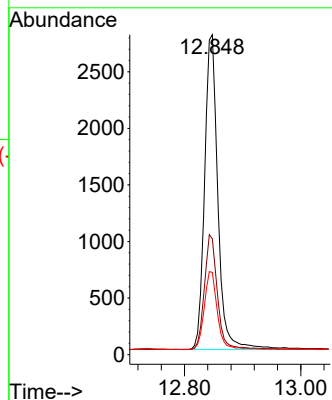
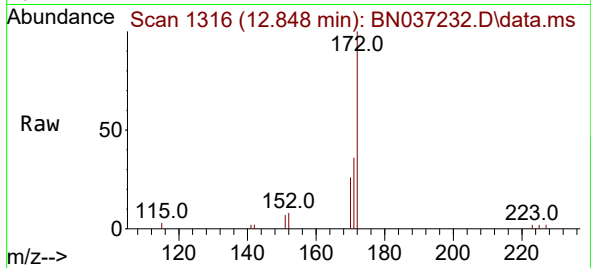




#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 12.848 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

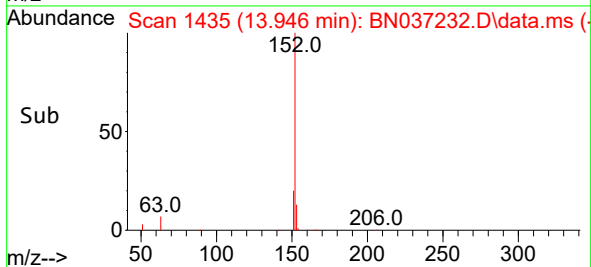
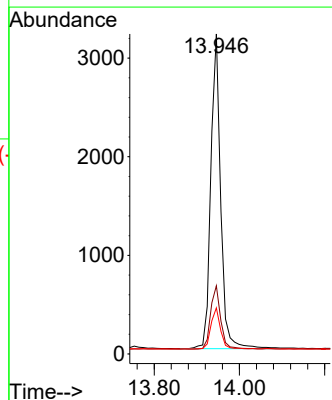
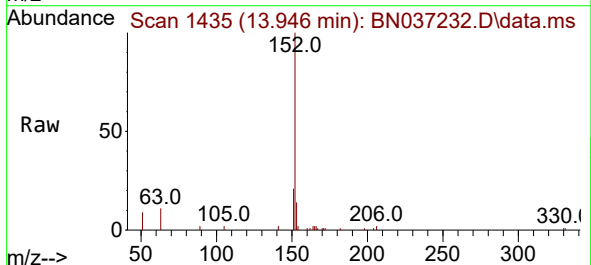
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

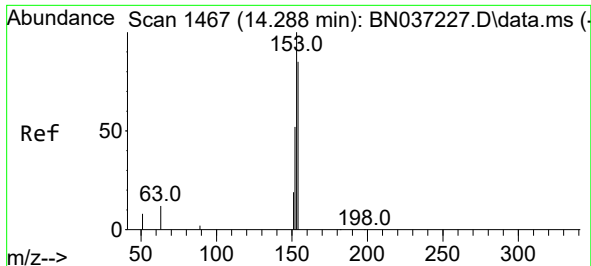
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4427 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.2  | 29.8  | 44.8 |
| 170       | 25.7  | 21.1  | 31.7 |



#16  
Acenaphthylene  
Concen: 0.409 ng  
RT: 13.946 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 5109 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.7  | 15.7  | 23.5 |
| 153       | 12.9  | 10.7  | 16.1 |

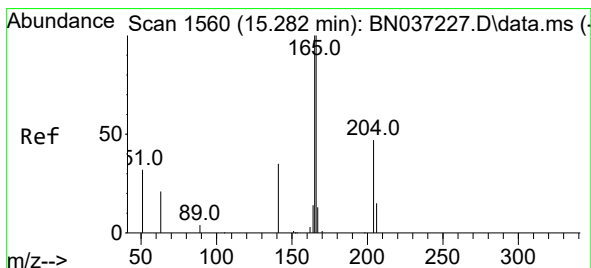
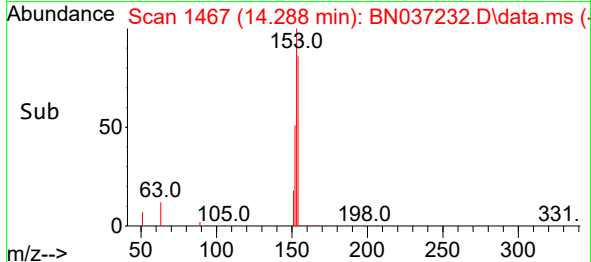
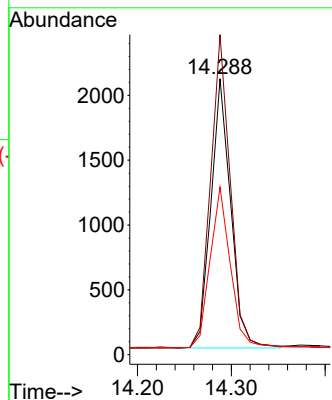
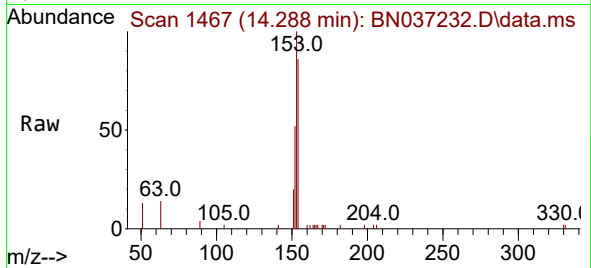




#17  
Acenaphthene  
Concen: 0.378 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

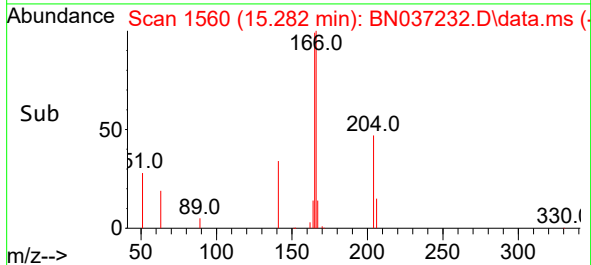
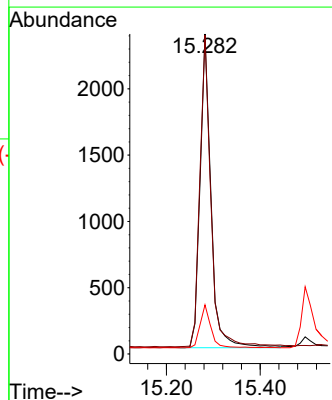
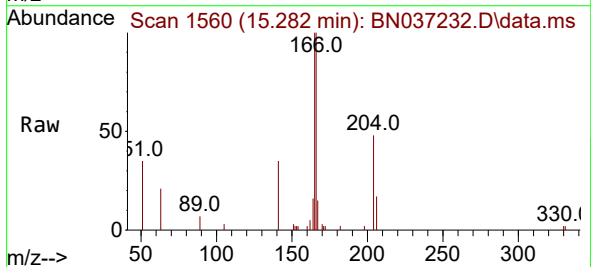
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

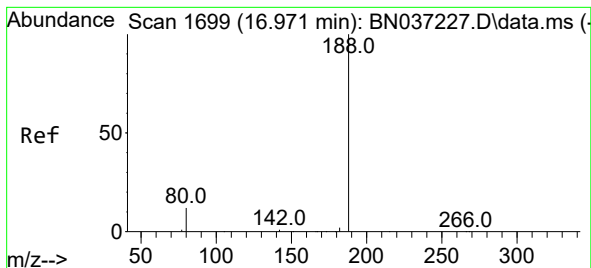
Tgt Ion:154 Resp: 3050  
Ion Ratio Lower Upper  
154 100  
153 117.3 94.6 141.8  
152 61.5 49.6 74.4



#18  
Fluorene  
Concen: 0.369 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:166 Resp: 3826  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.8 119.6  
167 13.7 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

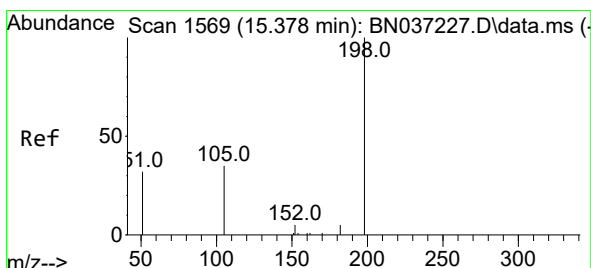
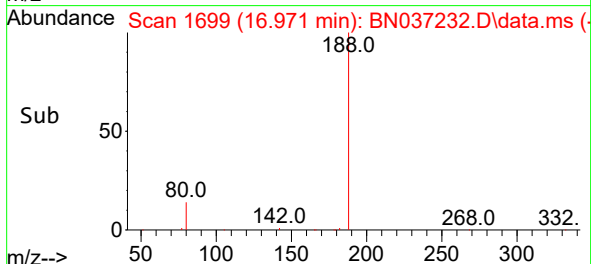
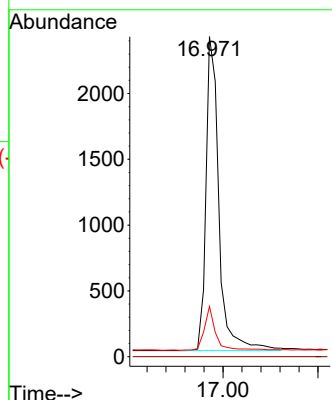
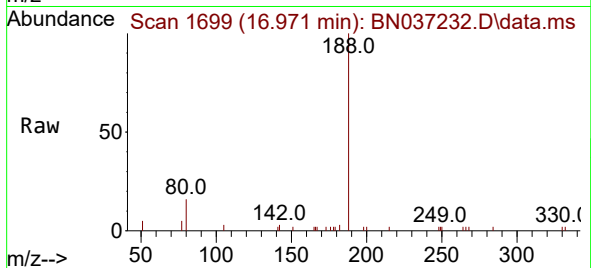
Tgt Ion:188 Resp: 4515

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.392 ng

RT: 15.378 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

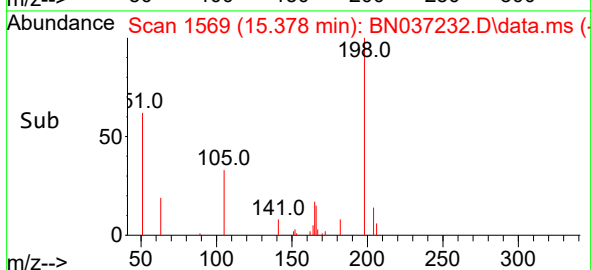
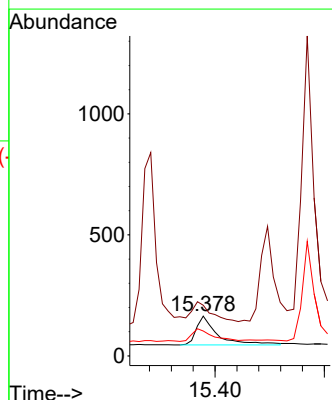
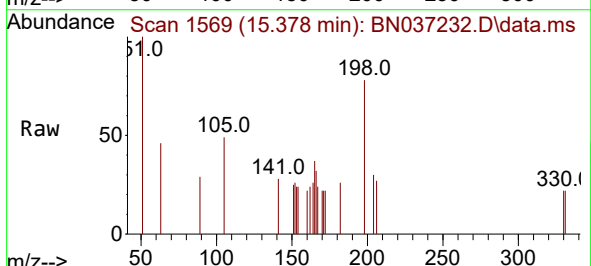
Tgt Ion:198 Resp: 326

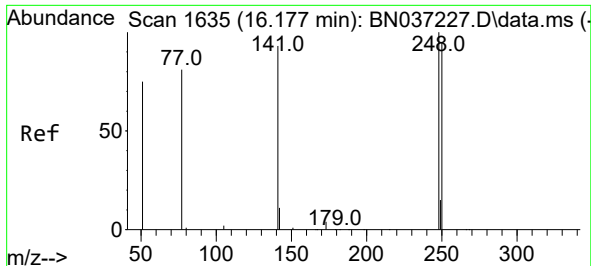
Ion Ratio Lower Upper

198 100

51 127.4 111.2 166.8

105 62.8 54.0 81.0

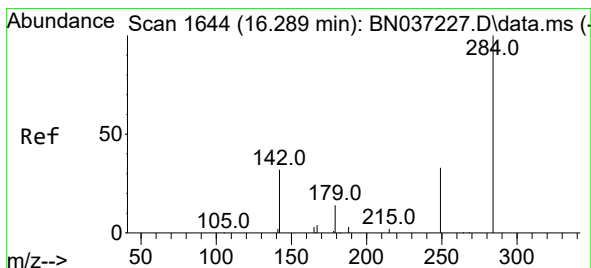
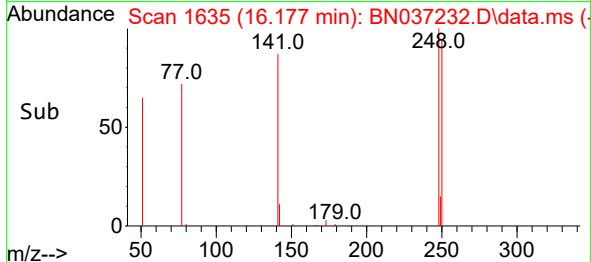
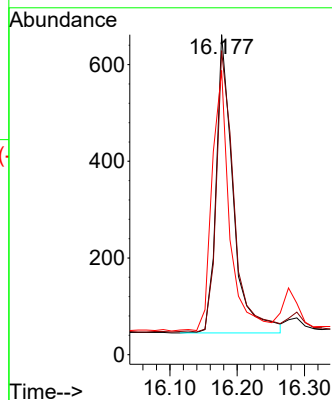
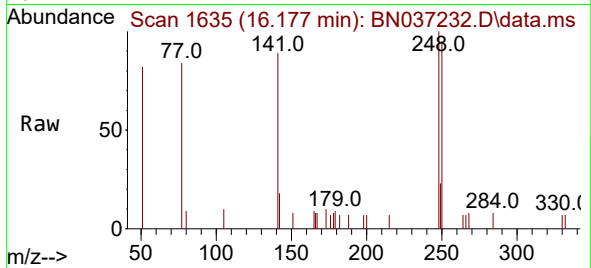




#21  
4-Bromophenyl-phenylether  
Concen: 0.368 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

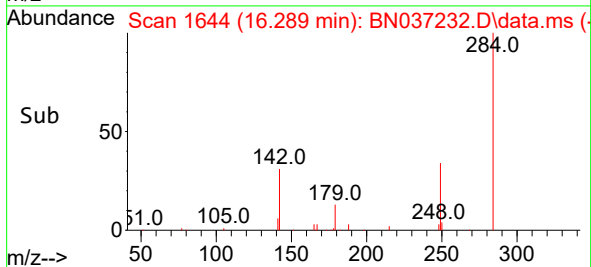
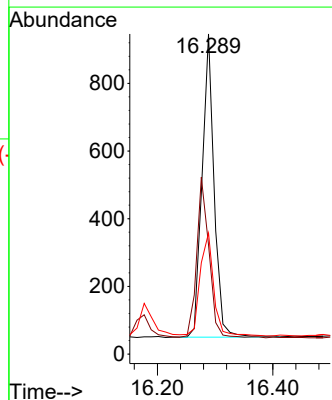
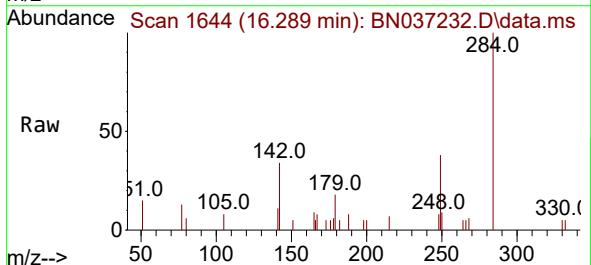
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

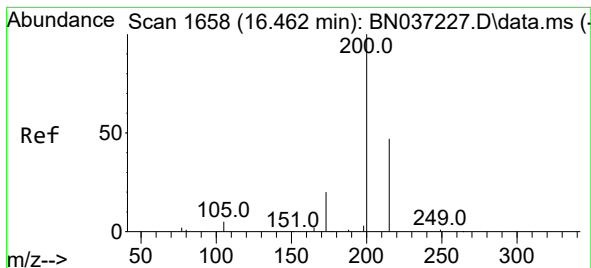
Tgt Ion:248 Resp: 1082  
Ion Ratio Lower Upper  
248 100  
250 95.0 76.8 115.2  
141 88.8 75.6 113.4



#22  
Hexachlorobenzene  
Concen: 0.380 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:284 Resp: 1296  
Ion Ratio Lower Upper  
284 100  
142 55.1 43.8 65.6  
249 38.3 28.4 42.6





#23

Atrazine

Concen: 0.383 ng

RT: 16.450 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

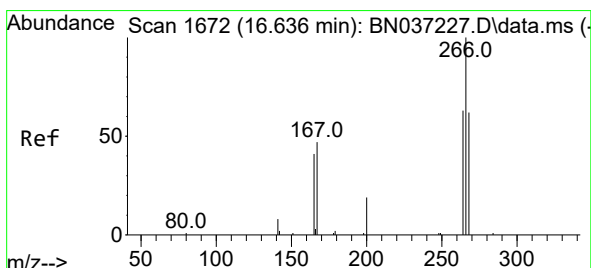
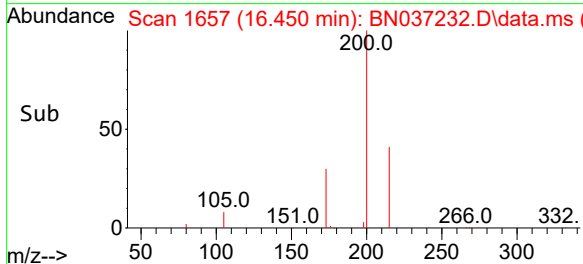
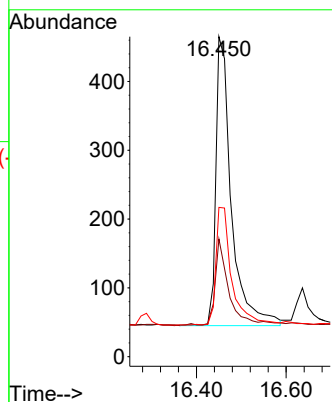
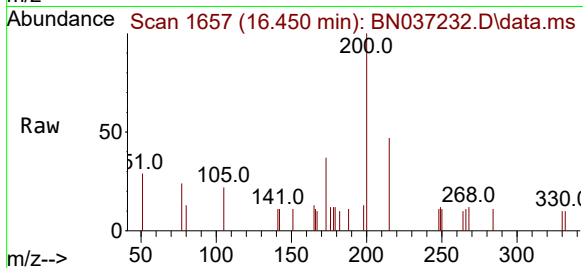
Tgt Ion:200 Resp: 1004

Ion Ratio Lower Upper

200 100

173 36.8 25.1 37.7

215 46.7 43.7 65.5



#24

Pentachlorophenol

Concen: 0.323 ng

RT: 16.636 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

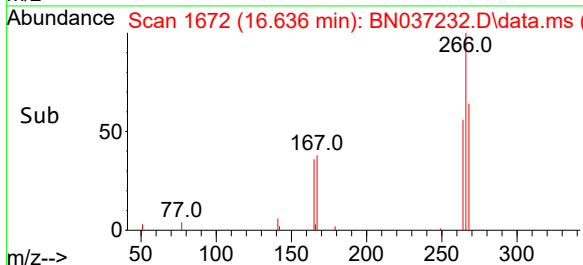
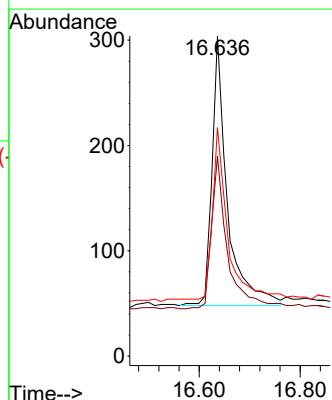
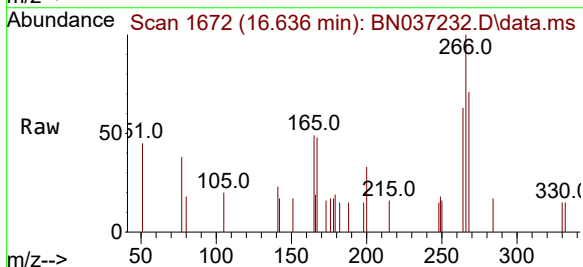
Tgt Ion:266 Resp: 540

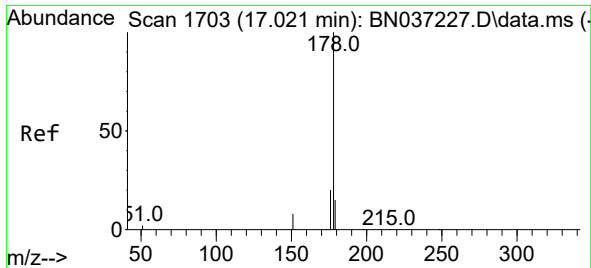
Ion Ratio Lower Upper

266 100

264 59.1 49.2 73.8

268 62.0 53.4 80.2

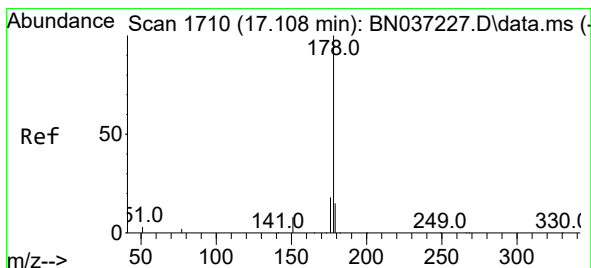
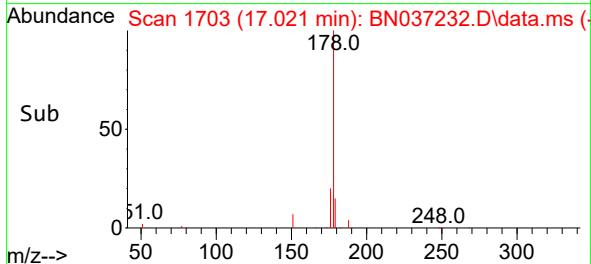
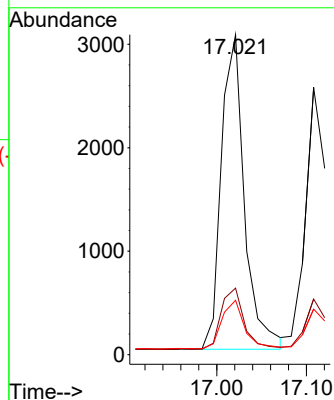
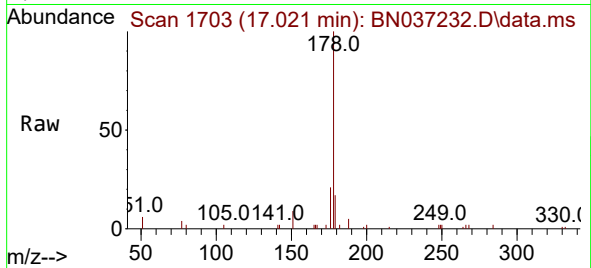




#25  
Phenanthrene  
Concen: 0.381 ng  
RT: 17.021 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

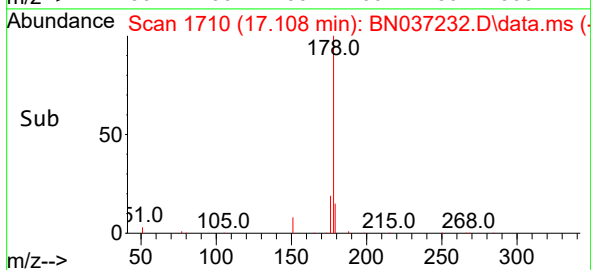
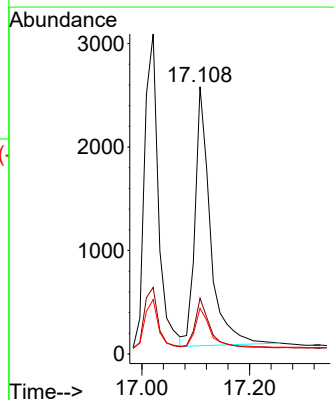
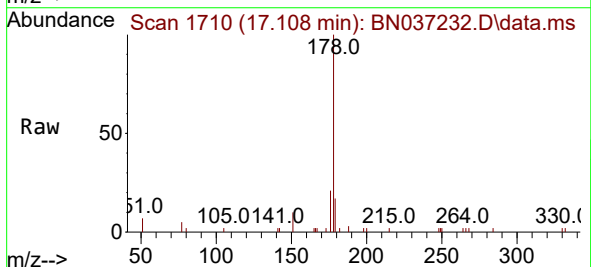
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

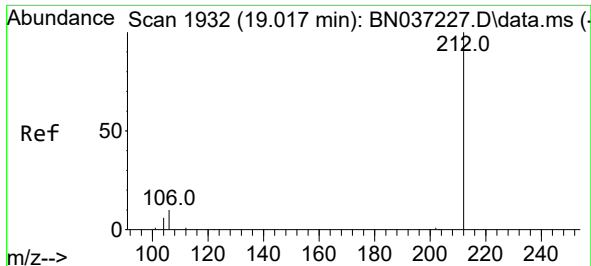
Tgt Ion:178 Resp: 5458  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.3 24.5  
179 15.4 12.6 18.8



#26  
Anthracene  
Concen: 0.376 ng  
RT: 17.108 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:178 Resp: 4934  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.1 22.7  
179 15.6 12.4 18.6

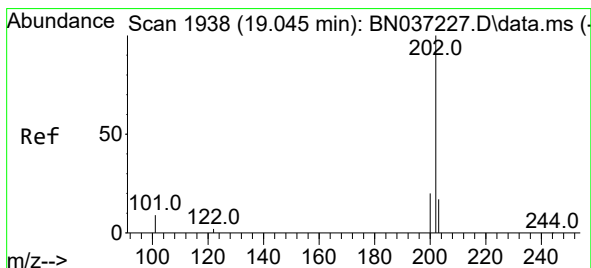
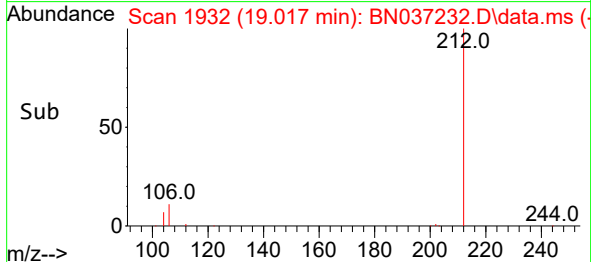
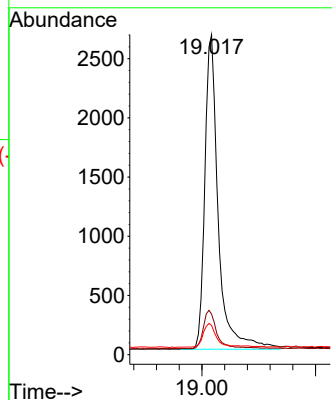
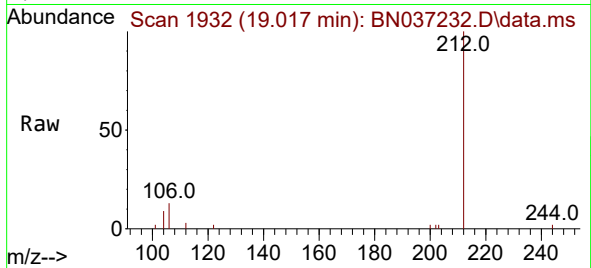




#27  
Fluoranthene-d10  
Concen: 0.369 ng  
RT: 19.017 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

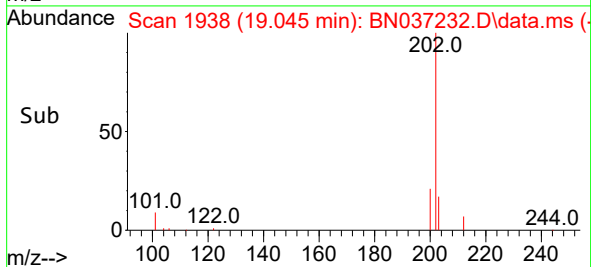
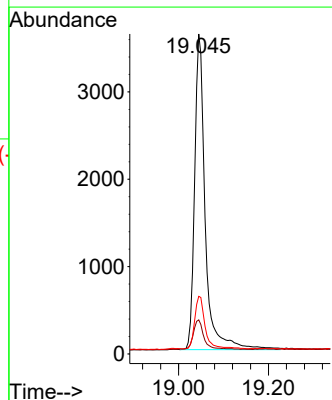
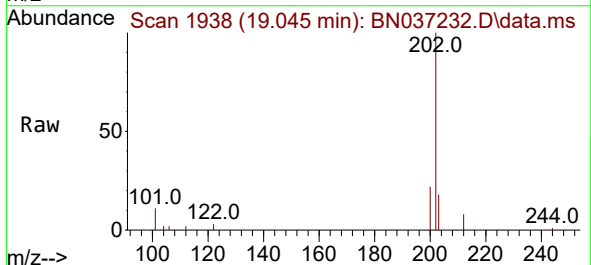
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

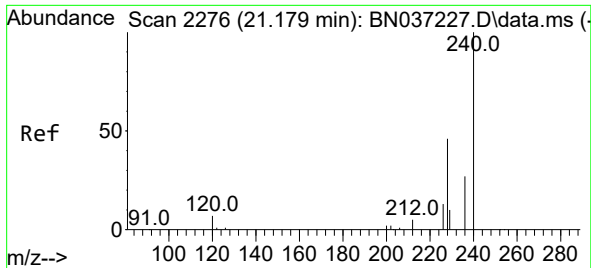
Tgt Ion:212 Resp: 4358  
Ion Ratio Lower Upper  
212 100  
106 12.4 9.3 13.9  
104 7.2 5.7 8.5



#28  
Fluoranthene  
Concen: 0.354 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:202 Resp: 5935  
Ion Ratio Lower Upper  
202 100  
101 10.1 7.1 10.7  
203 16.8 13.0 19.6

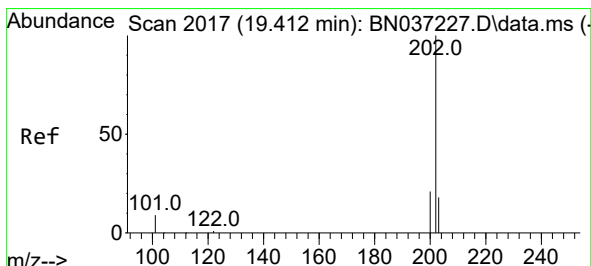
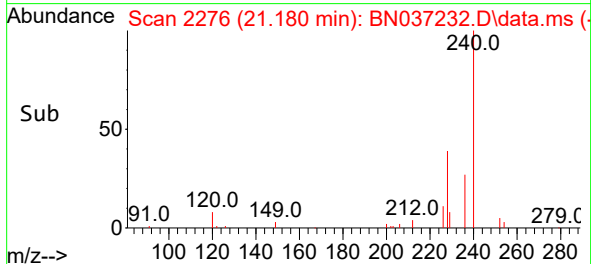
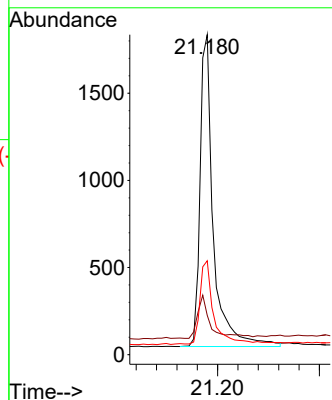
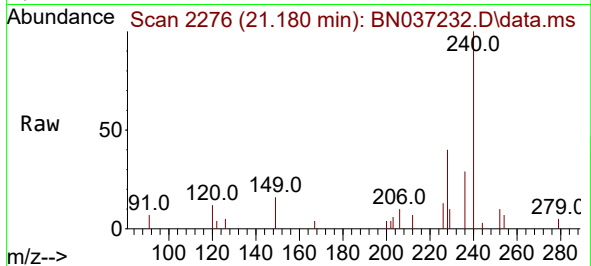




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.180 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

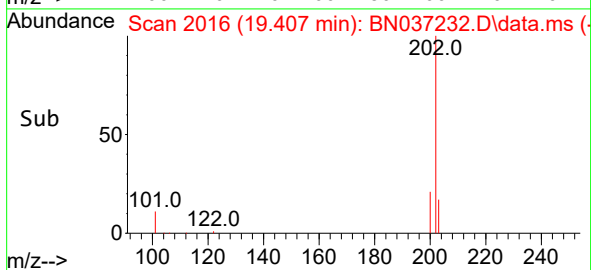
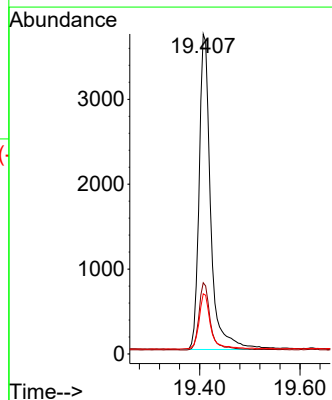
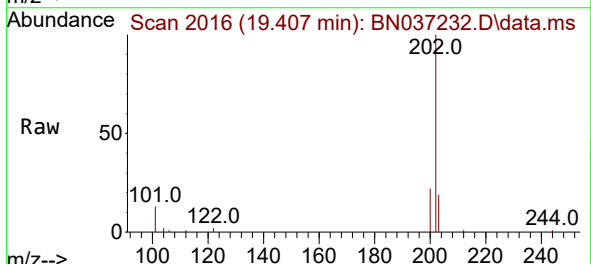
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325

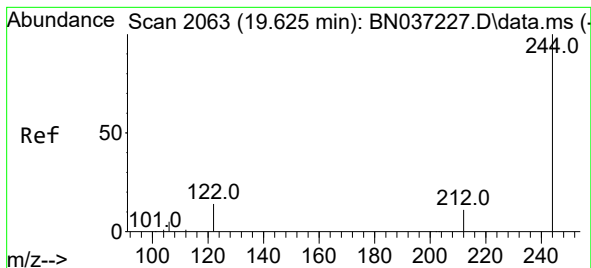
Tgt Ion:240 Resp: 3230  
Ion Ratio Lower Upper  
240 100  
120 12.3 11.3 16.9  
236 29.4 24.4 36.6



#30  
Pyrene  
Concen: 0.392 ng  
RT: 19.407 min Scan# 2016  
Delta R.T. -0.005 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:202 Resp: 5948  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.2 25.8  
203 17.7 14.3 21.5





#31

Terphenyl-d14

Concen: 0.417 ng

RT: 19.625 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

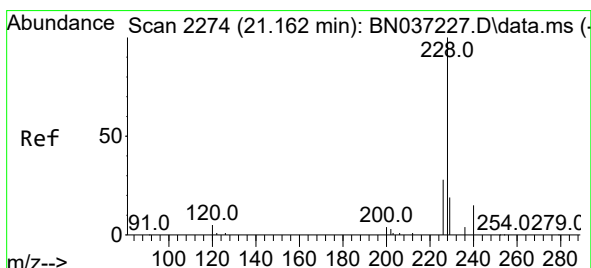
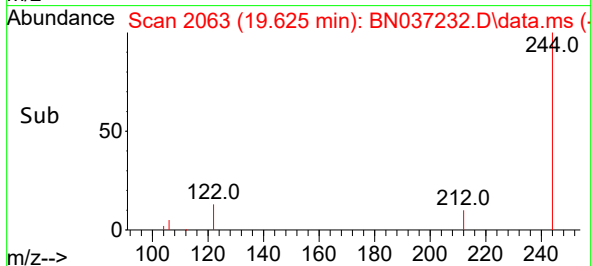
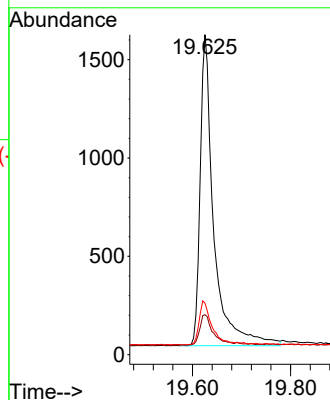
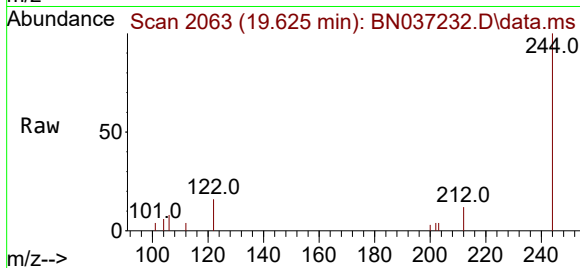
Tgt Ion:244 Resp: 3044

Ion Ratio Lower Upper

244 100

212 12.5 12.2 18.2

122 16.1 14.3 21.5



#32

Benzo(a)anthracene

Concen: 0.384 ng

RT: 21.162 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

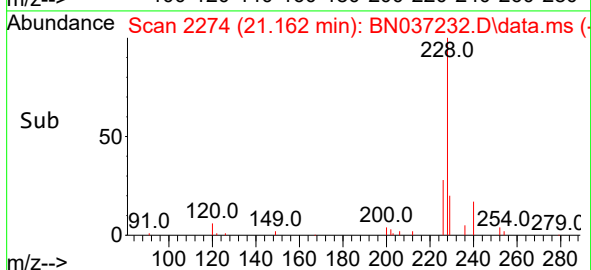
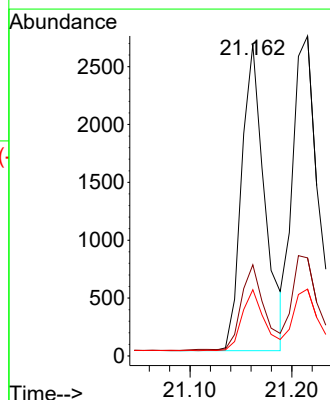
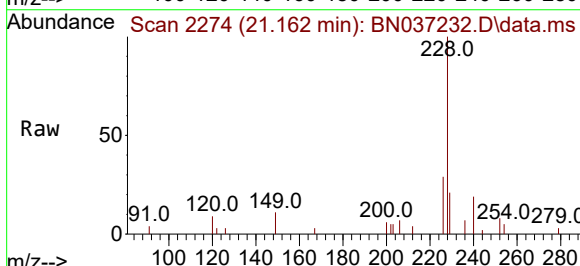
Tgt Ion:228 Resp: 4183

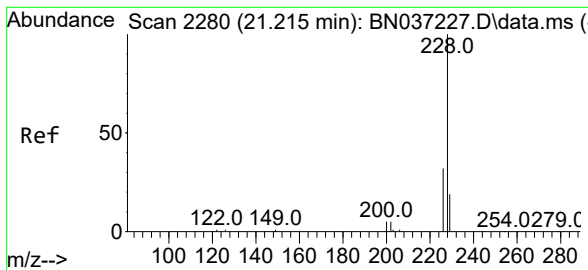
Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 21.2 17.0 25.4





#33

Chrysene

Concen: 0.390 ng

RT: 21.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

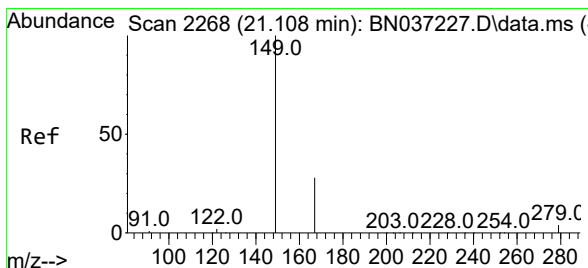
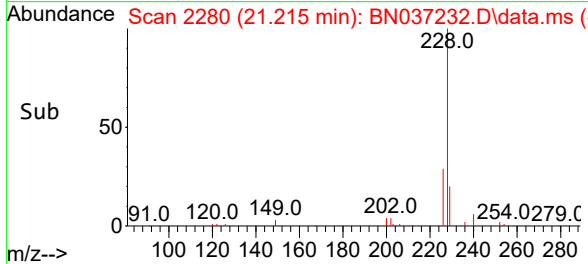
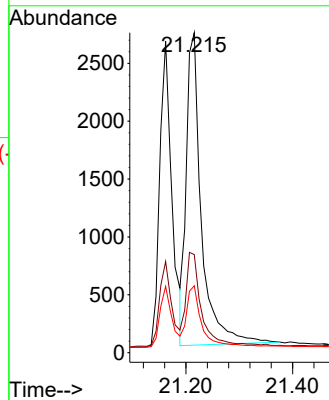
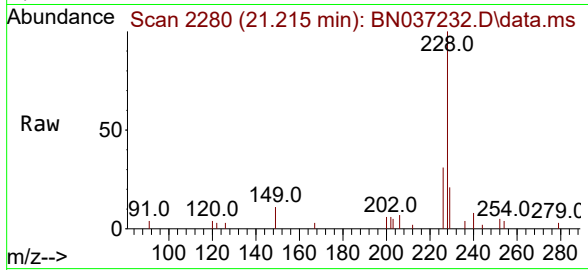
Tgt Ion:228 Resp: 5302

Ion Ratio Lower Upper

228 100

226 30.6 25.8 38.6

229 20.9 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.373 ng

RT: 21.108 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

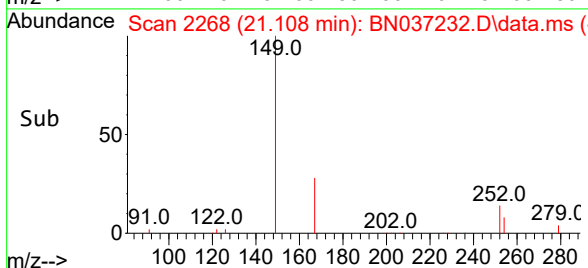
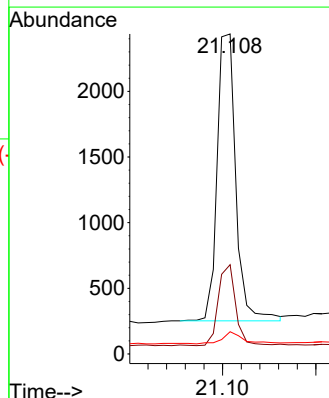
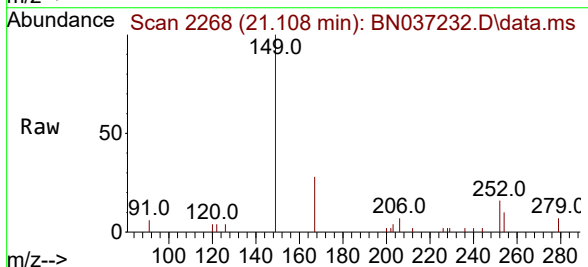
Tgt Ion:149 Resp: 3027

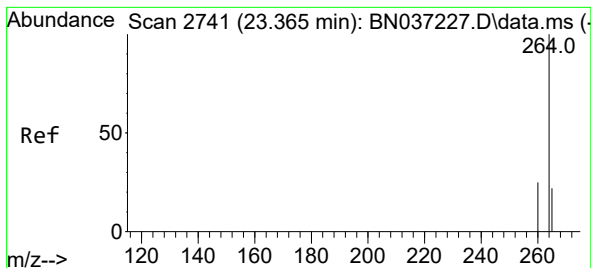
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.7 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.366 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

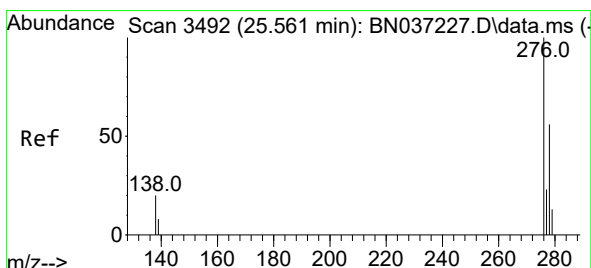
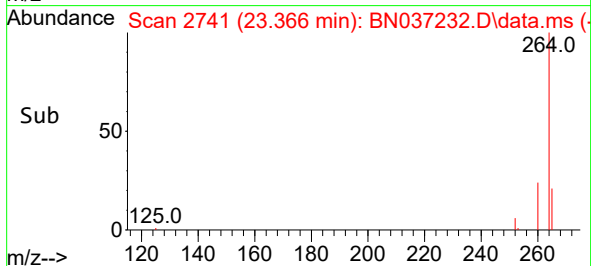
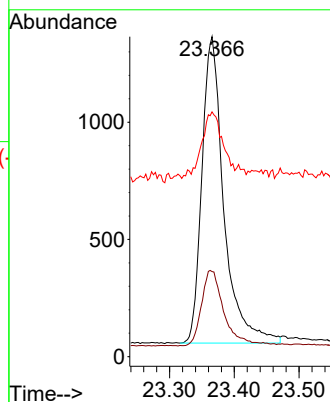
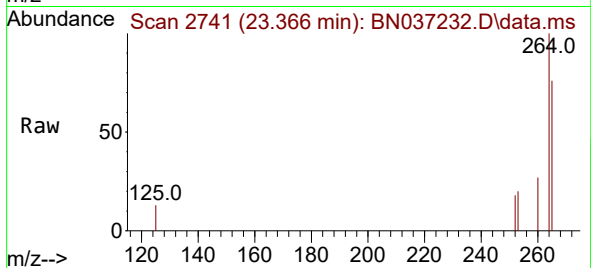
Tgt Ion:264 Resp: 3076

Ion Ratio Lower Upper

264 100

260 26.6 22.8 34.2

265 76.5 66.4 99.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng

RT: 25.558 min Scan# 3491

Delta R.T. -0.003 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

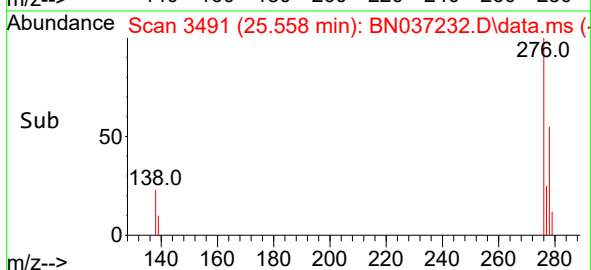
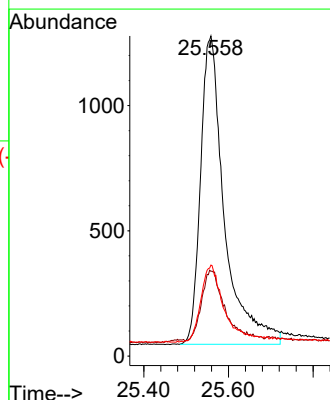
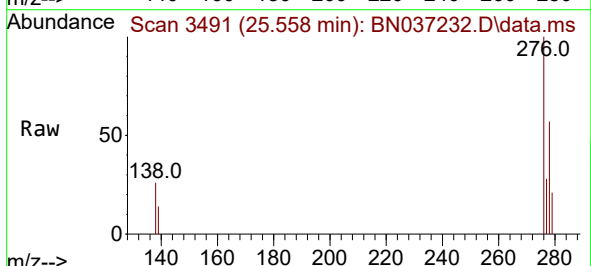
Tgt Ion:276 Resp: 4825

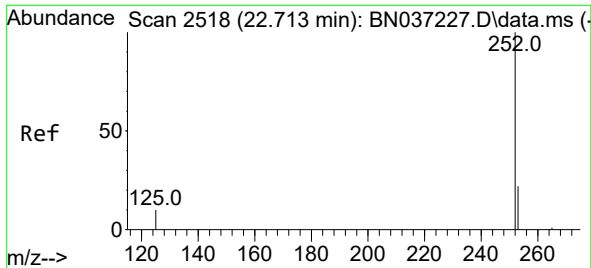
Ion Ratio Lower Upper

276 100

138 21.3 16.8 25.2

277 23.4 19.5 29.3

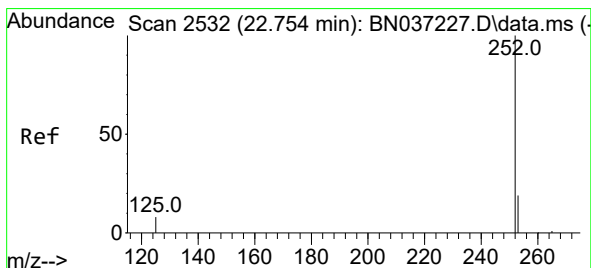
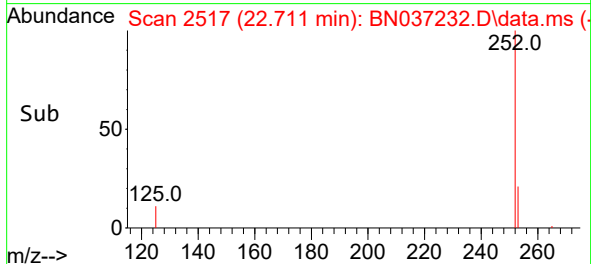
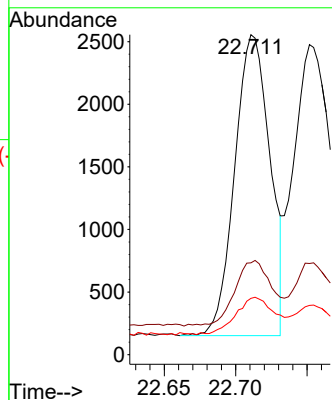
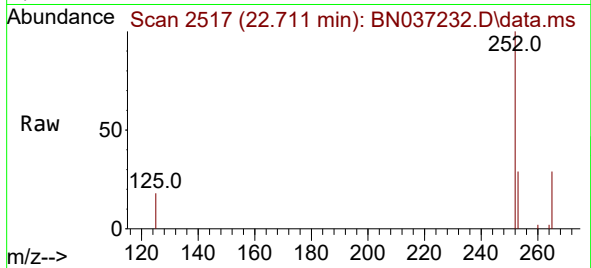




#37  
Benzo(b)fluoranthene  
Concen: 0.366 ng  
RT: 22.711 min Scan# 2517  
Delta R.T. -0.003 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

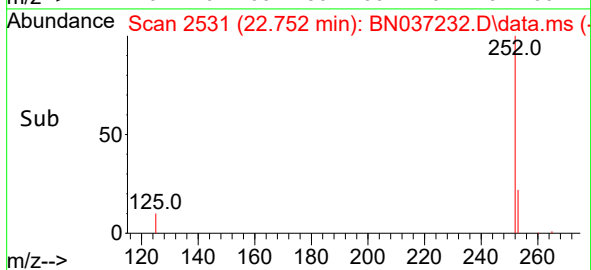
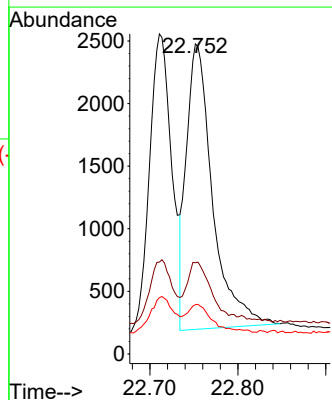
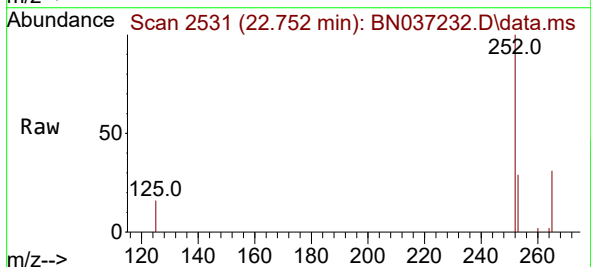
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BNA\_N  
ClientSampleId :  
ICVBN061325

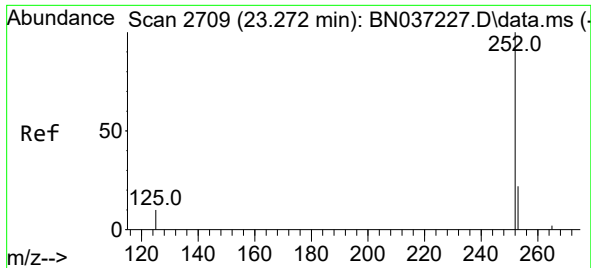
Tgt Ion:252 Resp: 4122  
Ion Ratio Lower Upper  
252 100  
253 28.7 24.9 37.3  
125 17.6 12.9 19.3



#38  
Benzo(k)fluoranthene  
Concen: 0.363 ng  
RT: 22.752 min Scan# 2531  
Delta R.T. -0.003 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Tgt Ion:252 Resp: 4721  
Ion Ratio Lower Upper  
252 100  
253 29.4 24.6 37.0  
125 15.9 13.4 20.2





#39

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.272 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

Instrument :

BNA\_N

ClientSampleId :

ICVBN061325

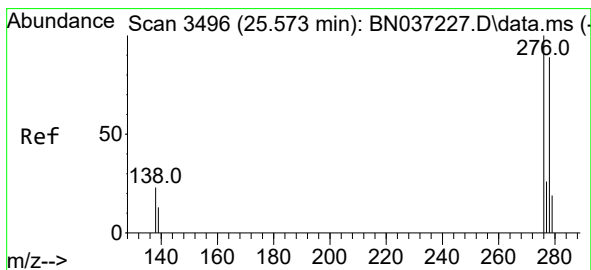
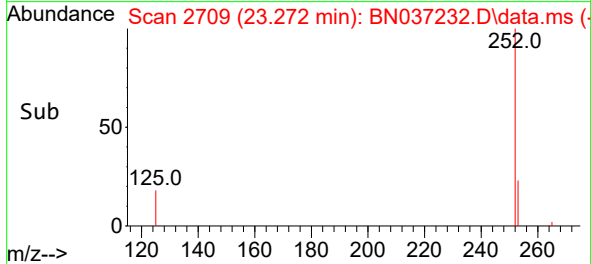
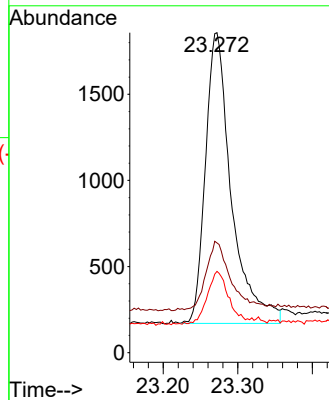
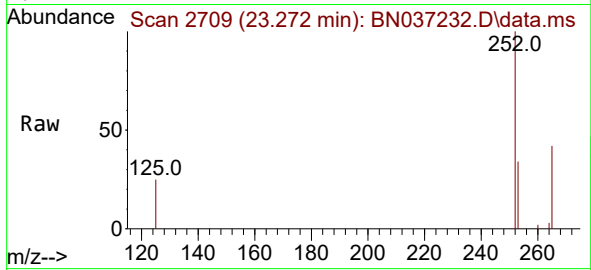
Tgt Ion:252 Resp: 4086

Ion Ratio Lower Upper

252 100

253 34.3 29.4 44.2

125 25.4 16.2 24.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.365 ng

RT: 25.573 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BN037232.D

Acq: 13 Jun 2025 17:47

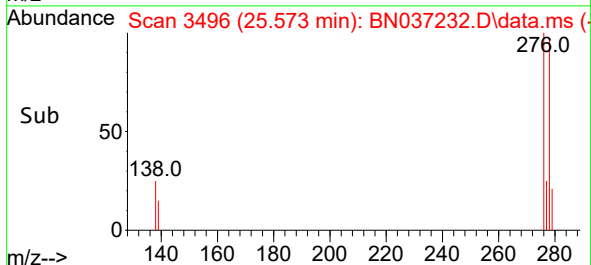
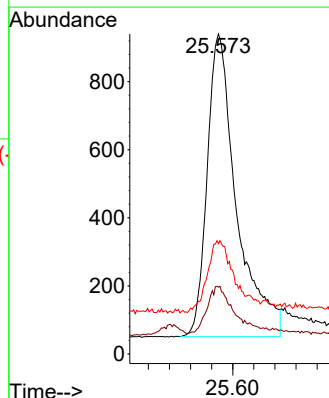
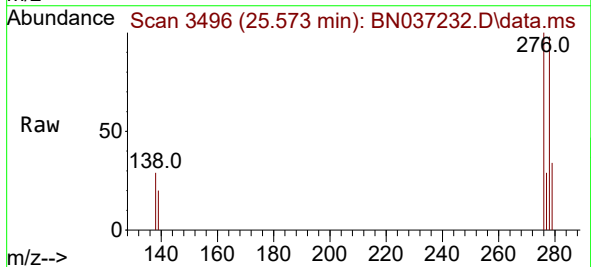
Tgt Ion:278 Resp: 3443

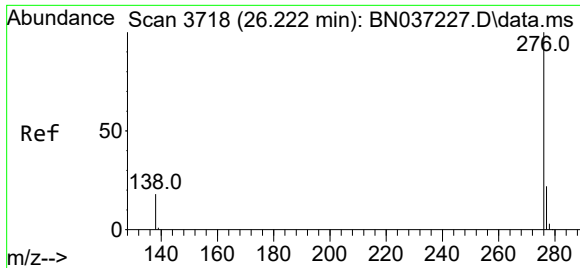
Ion Ratio Lower Upper

278 100

139 20.9 17.8 26.6

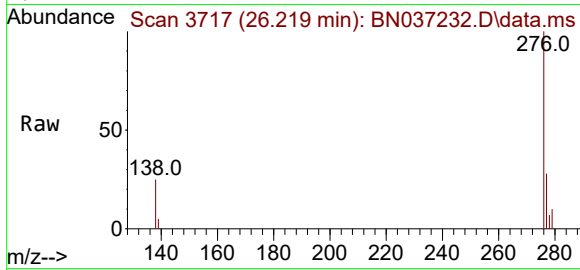
279 34.5 31.3 46.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.354 ng  
RT: 26.219 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BN037232.D  
Acq: 13 Jun 2025 17:47

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN061325



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4068  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 27.9  | 22.0  | 33.0  |
| 138      | 25.3  | 18.4  | 27.6  |

