

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037270.D  
 Acq On : 14 Jun 2025 20:00  
 Operator : RC/JU  
 Sample : PB168458BS  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168458BS

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
 Supervised By :Jagrut Upadhyay 06/16/2025

Quant Time: Jun 16 02:44:55 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     | 7.575  | 152  | 1588     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 3911     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1944     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 3410     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.171 | 240  | 2495     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.360 | 264  | 2298     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 1318     | 0.338 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1473     | 0.358 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.717  | 82   | 1391     | 0.360 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.950 | 152  | 2152m    | 0.410 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 247      | 0.306 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.843 | 172  | 3044     | 0.373 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 3035     | 0.340 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.621 | 244  | 2131     | 0.378 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 779      | 0.358 | ng    | # 35     |
| 3) n-Nitrosodimethylamine     | 3.415  | 42   | 1716     | 0.346 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.004  | 93   | 1351     | 0.367 | ng    | 97       |
| 9) Naphthalene                | 10.404 | 128  | 3863     | 0.341 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.692 | 225  | 984      | 0.357 | ng    | # 96     |
| 12) 2-Methylnaphthalene       | 12.026 | 142  | 2180     | 0.317 | ng    | 99       |
| 16) Acenaphthylene            | 13.935 | 152  | 3608     | 0.379 | ng    | 99       |
| 17) Acenaphthene              | 14.288 | 154  | 2128     | 0.346 | ng    | 99       |
| 18) Fluorene                  | 15.282 | 166  | 2799     | 0.354 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 248      | 0.394 | ng    | # 77     |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 830      | 0.374 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.289 | 284  | 927      | 0.360 | ng    | 98       |
| 23) Atrazine                  | 16.450 | 200  | 760      | 0.383 | ng    | 94       |
| 24) Pentachlorophenol         | 16.636 | 266  | 252      | 0.200 | ng    | 94       |
| 25) Phenanthrene              | 17.009 | 178  | 3936     | 0.364 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 3696     | 0.373 | ng    | 99       |
| 28) Fluoranthene              | 19.040 | 202  | 4192     | 0.331 | ng    | 98       |
| 30) Pyrene                    | 19.407 | 202  | 4321     | 0.368 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.153 | 228  | 3158     | 0.375 | ng    | 99       |
| 33) Chrysene                  | 21.206 | 228  | 3873     | 0.369 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 2339     | 0.373 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.544 | 276  | 3705     | 0.400 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.705 | 252  | 3140     | 0.374 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.749 | 252  | 3614     | 0.372 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.260 | 252  | 3030     | 0.401 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.558 | 278  | 2809     | 0.398 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.210 | 276  | 3183     | 0.370 | ng    | 99       |

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

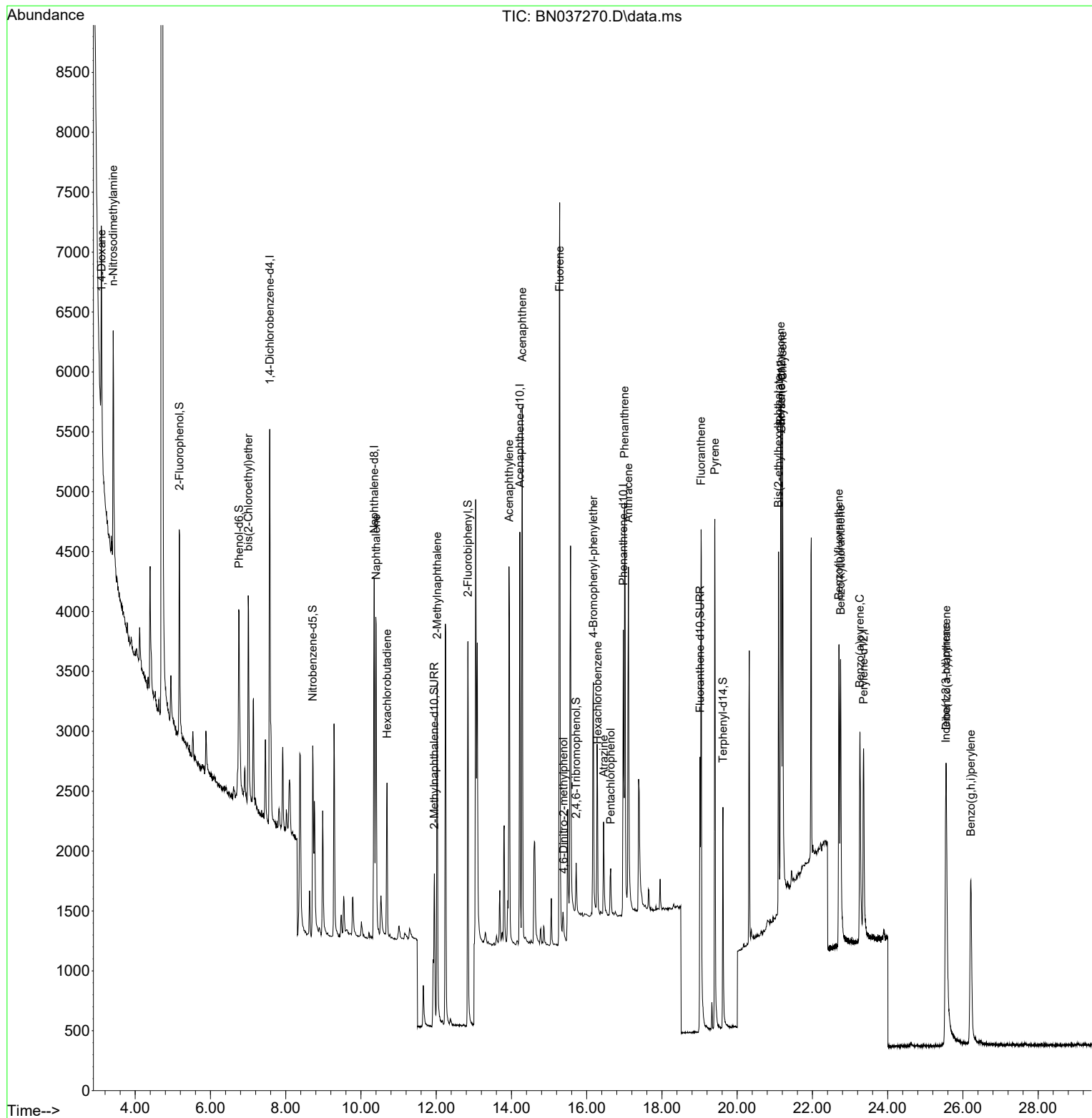
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037270.D  
 Acq On : 14 Jun 2025 20:00  
 Operator : RC/JU  
 Sample : PB168458BS  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

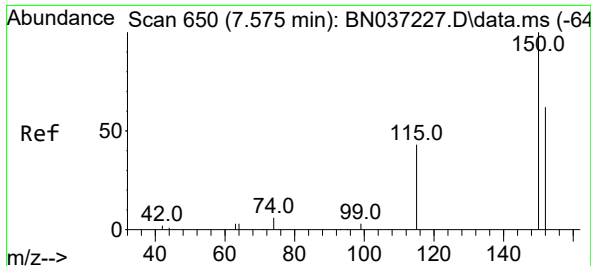
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168458BS

### Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
 Supervised By :Jagrut Upadhyay 06/16/2025

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
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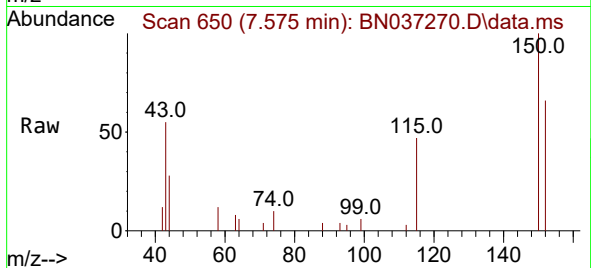
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1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.575 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Instrument :

BNA\_N

ClientSampleId :

PB168458BS

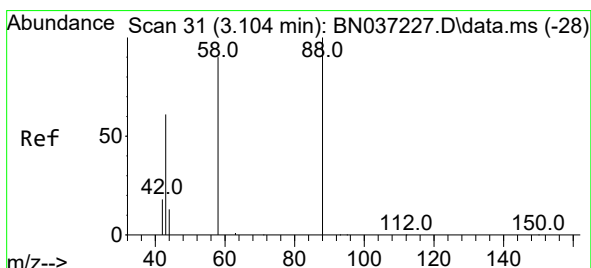
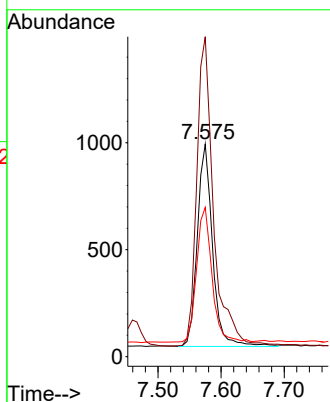
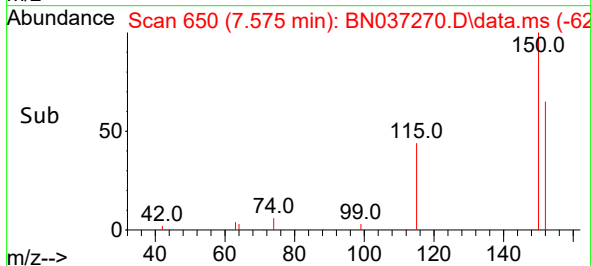


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Ion Ratio Lower Upper  
152 100  
150 150.5 125.2 187.8  
115 70.2 58.4 87.6

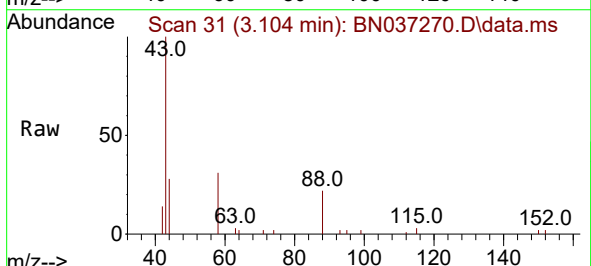
Manual Integrations

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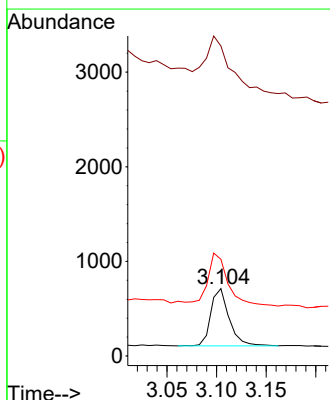
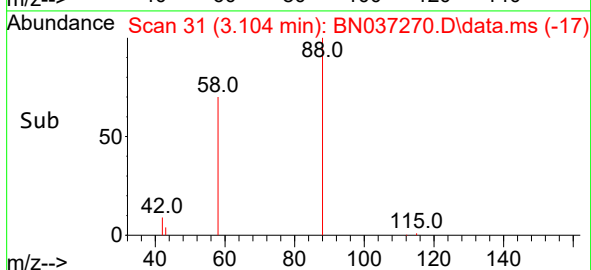
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

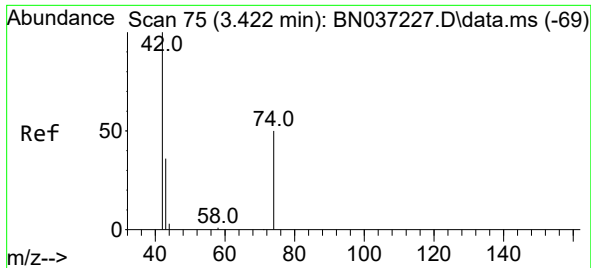


#2  
1,4-Dioxane  
Concen: 0.358 ng  
RT: 3.104 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



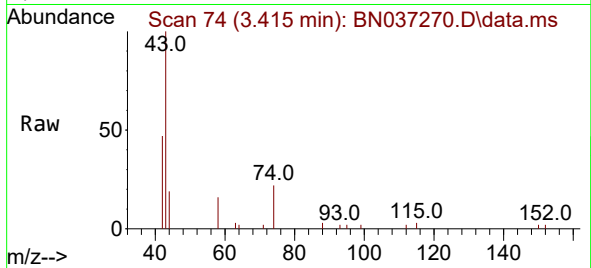
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Ion Ratio Lower Upper  
88 100  
43 177.2 52.6 79.0#  
58 103.1 73.5 110.3





#3  
n-Nitrosodimethylamine  
Concen: 0.346 ng  
RT: 3.415 min Scan# 74  
Delta R.T. -0.007 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

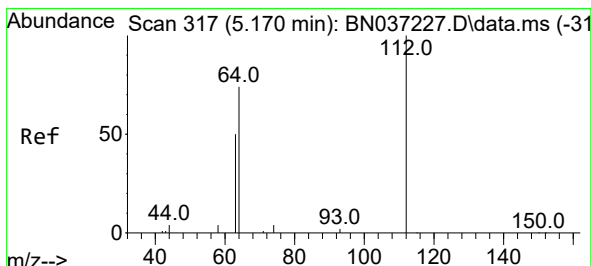
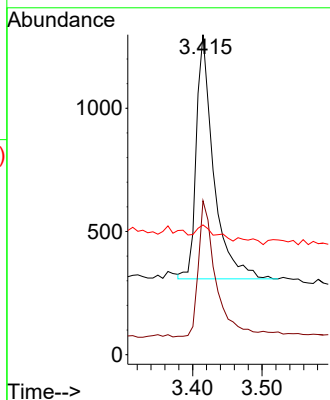
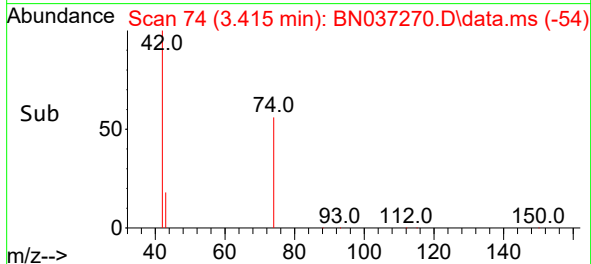
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



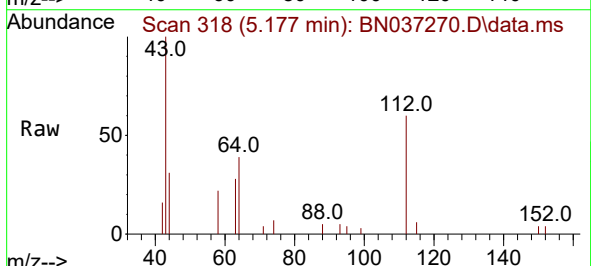
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Ion Ratio Lower Upper  
42 100  
74 54.8 44.6 66.8  
44 7.2 3.5 5.3

Manual Integrations  
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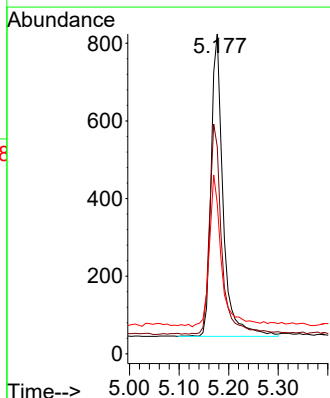
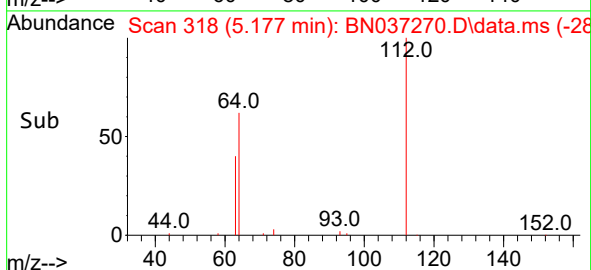
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

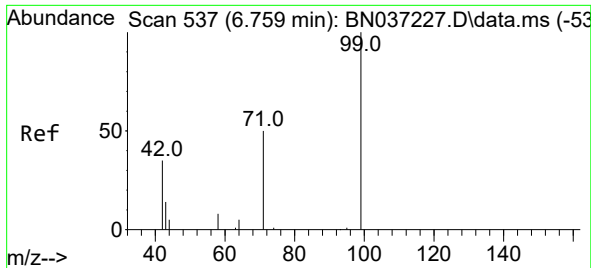


#4  
2-Fluorophenol  
Concen: 0.338 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



Tgt Ion:112 Resp: 1318  
Ion Ratio Lower Upper  
112 100  
64 70.6 57.2 85.8  
63 50.7 39.8 59.6





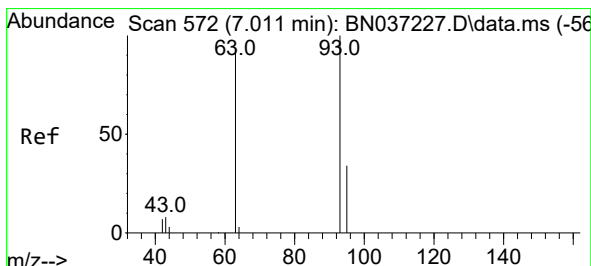
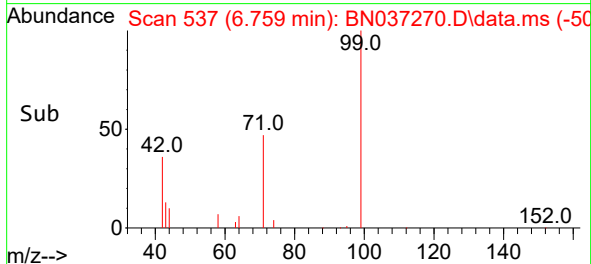
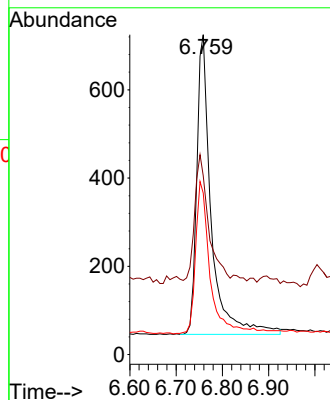
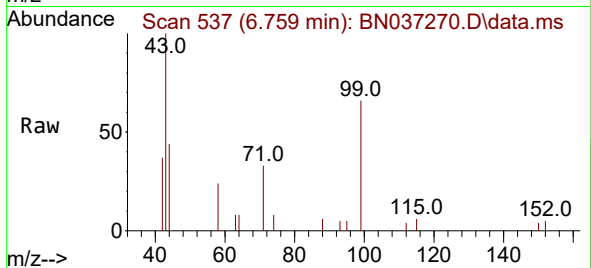
#5  
Phenol-d6  
Concen: 0.358 ng  
RT: 6.759 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS

Tgt Ion: 99 Resp: 147  
Ion Ratio Lower Upper  
99 100  
42 40.4 36.2 54.4  
71 51.6 42.4 63.6

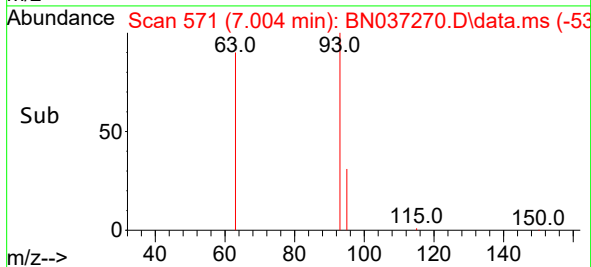
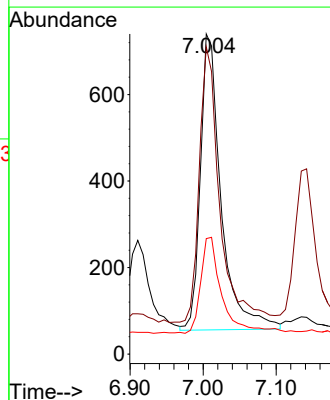
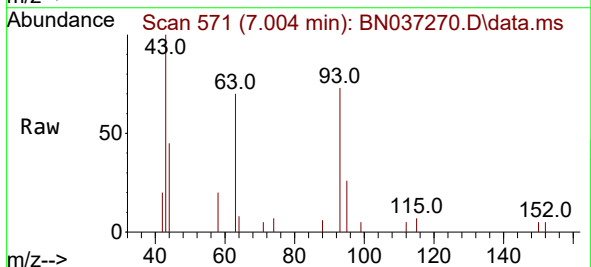
Manual Integrations  
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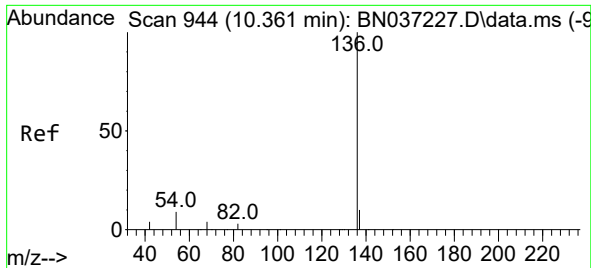
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.367 ng  
RT: 7.004 min Scan# 571  
Delta R.T. -0.007 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

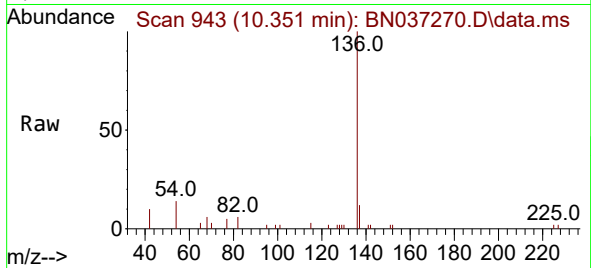
Tgt Ion: 93 Resp: 1351  
Ion Ratio Lower Upper  
93 100  
63 91.2 75.2 112.8  
95 32.8 28.3 42.5





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

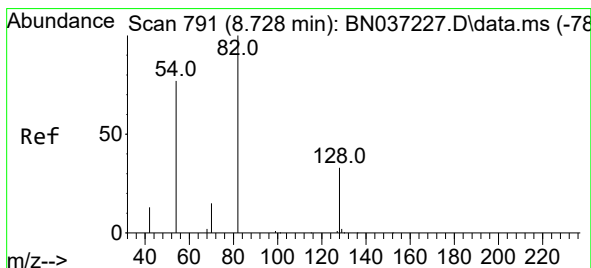
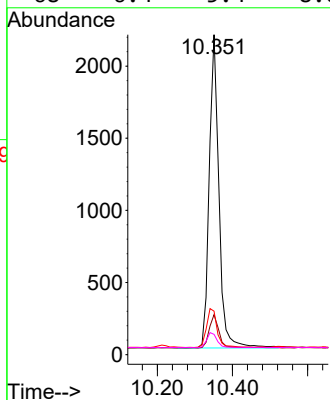
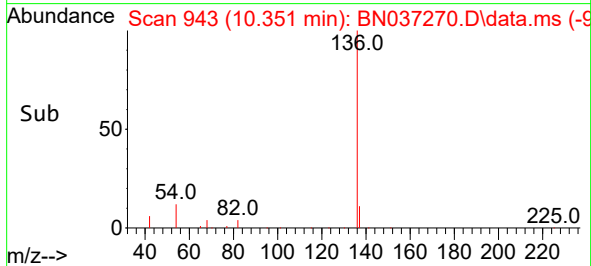
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 391  |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.5  | 10.6  | 15.8 |
| 54        | 13.6  | 9.2   | 13.8 |
| 68        | 6.4   | 5.4   | 8.0  |

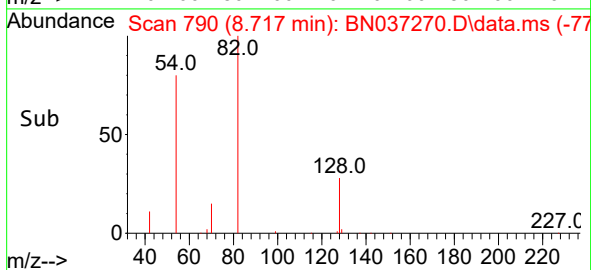
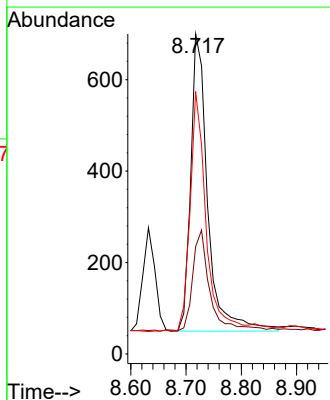
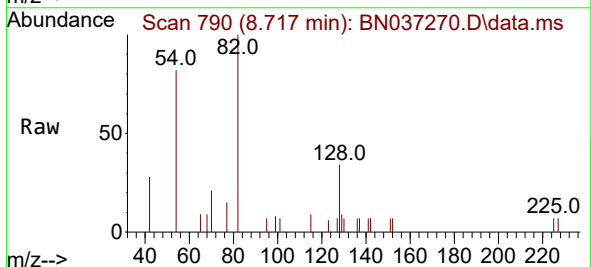
Manual Integrations  
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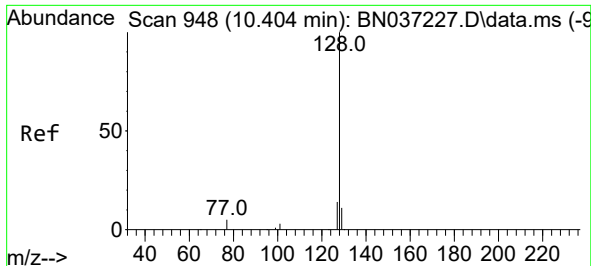
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#8  
Nitrobenzene-d5  
Concen: 0.360 ng  
RT: 8.717 min Scan# 790  
Delta R.T. -0.011 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

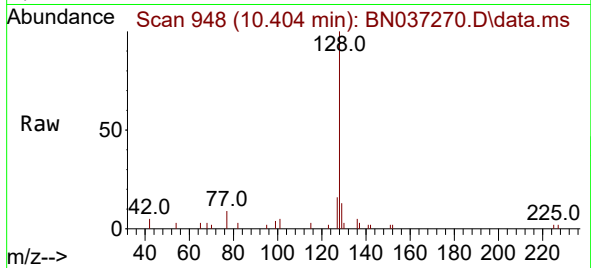
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1391 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 33.6  | 31.2  | 46.8 |
| 54        | 82.0  | 63.3  | 94.9 |





#9  
Naphthalene  
Concen: 0.341 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

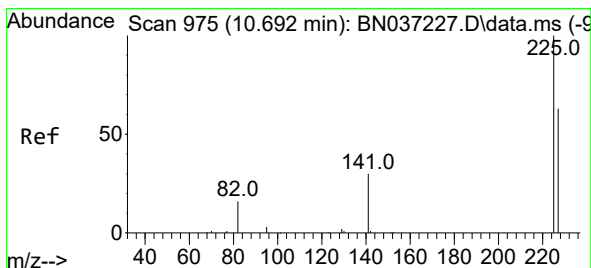
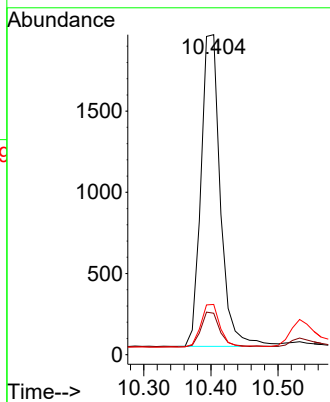
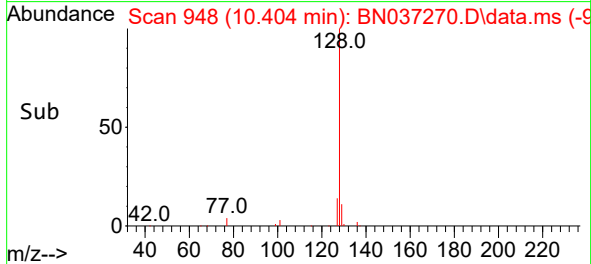
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



Tgt Ion:128 Resp: 386  
Ion Ratio Lower Upper  
128 100  
129 12.9 10.7 16.1  
127 15.7 12.6 19.0

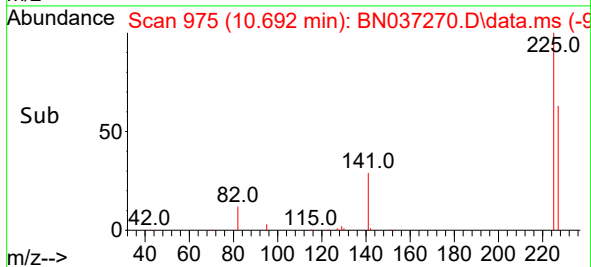
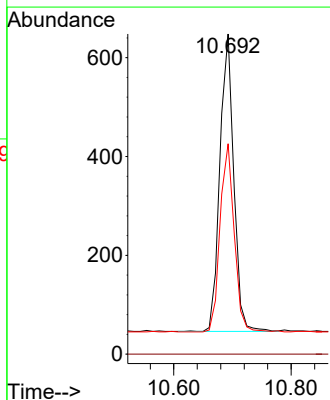
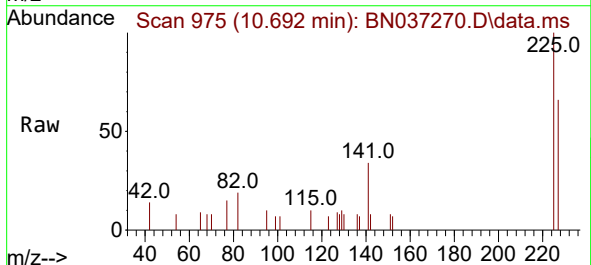
Manual Integrations  
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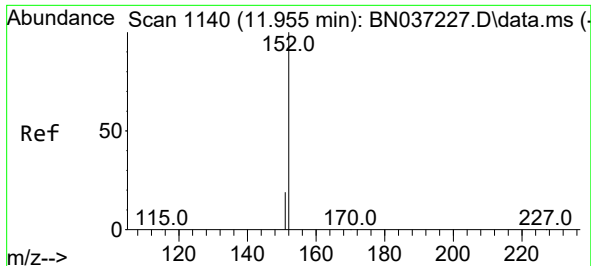
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#10  
Hexachlorobutadiene  
Concen: 0.357 ng  
RT: 10.692 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

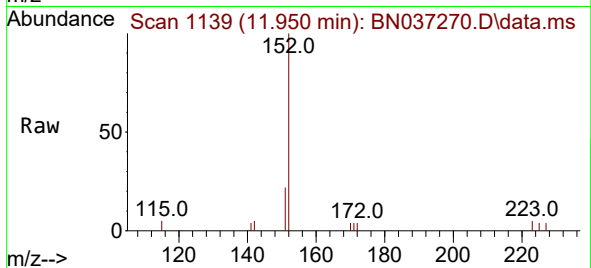
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.4 49.2 73.8





#11  
2-Methylnaphthalene-d10  
Concen: 0.410 ng m  
RT: 11.950 min Scan# 1139  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

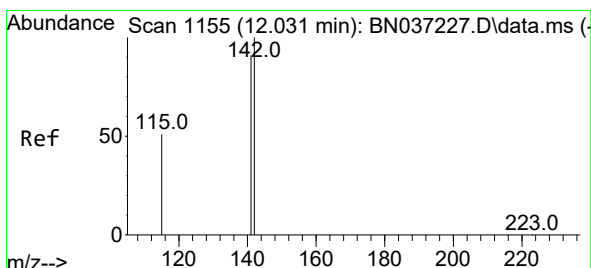
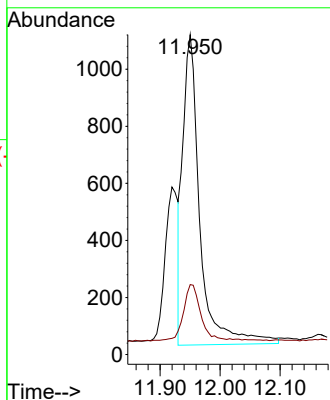
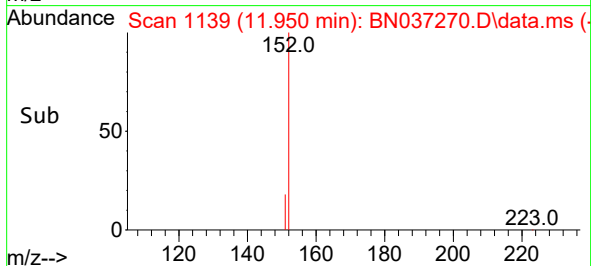
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



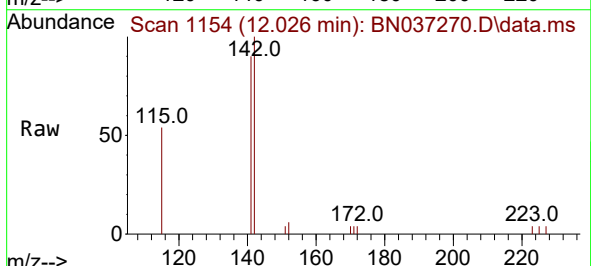
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

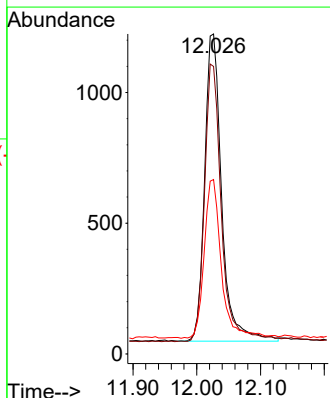
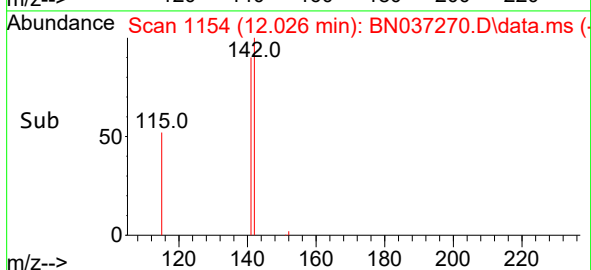
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



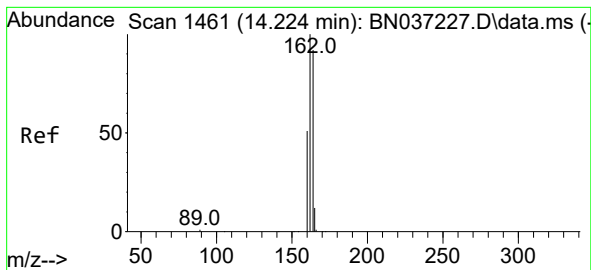
#12  
2-Methylnaphthalene  
Concen: 0.317 ng  
RT: 12.026 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



Tgt Ion:142 Resp: 2180  
Ion Ratio Lower Upper  
142 100  
141 89.9 73.0 109.6  
115 54.5 43.3 64.9

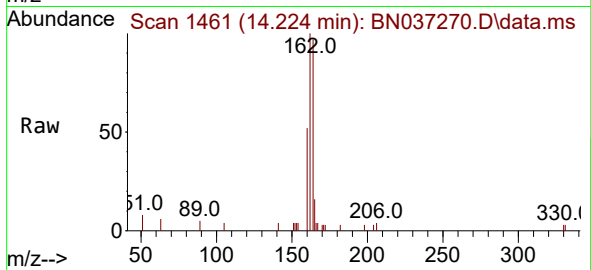






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

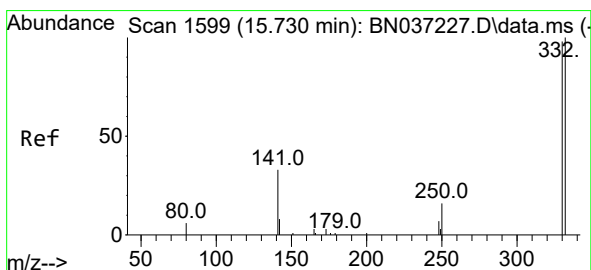
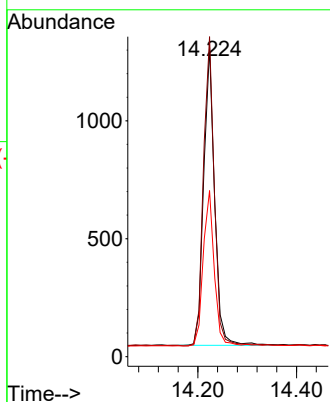
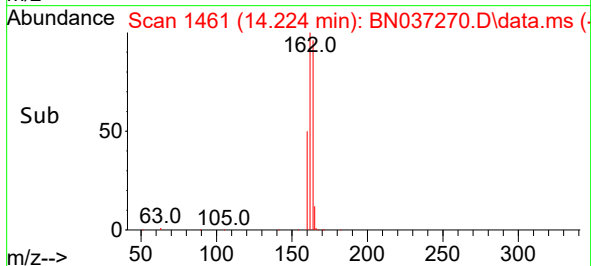
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



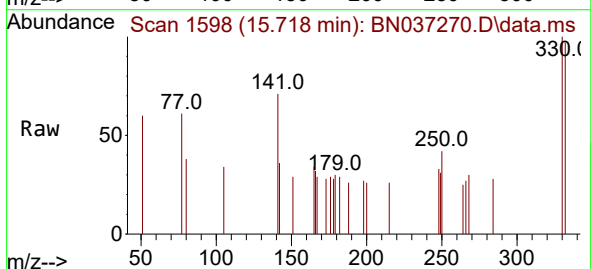
Tgt Ion:164 Resp: 1944  
Ion Ratio Lower Upper  
164 100  
162 103.5 86.7 130.1  
160 53.7 45.8 68.6

Manual Integrations  
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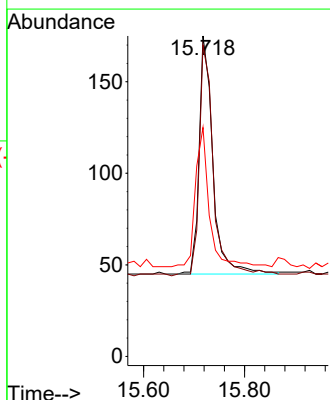
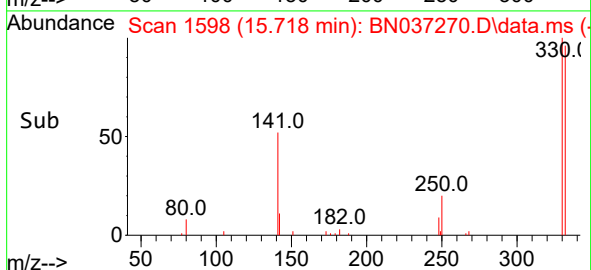
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

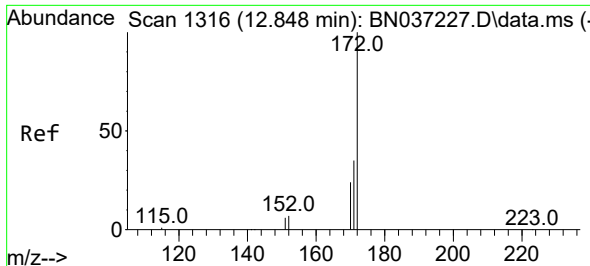


#14  
2,4,6-Tribromophenol  
Concen: 0.306 ng  
RT: 15.718 min Scan# 1598  
Delta R.T. -0.012 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



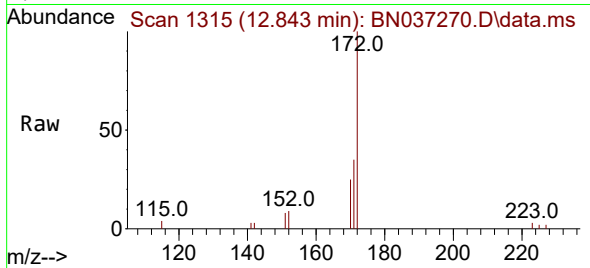
Tgt Ion:330 Resp: 247  
Ion Ratio Lower Upper  
330 100  
332 100.8 74.9 112.3  
141 57.9 45.1 67.7





#15  
2-Fluorobiphenyl  
Concen: 0.373 ng  
RT: 12.843 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

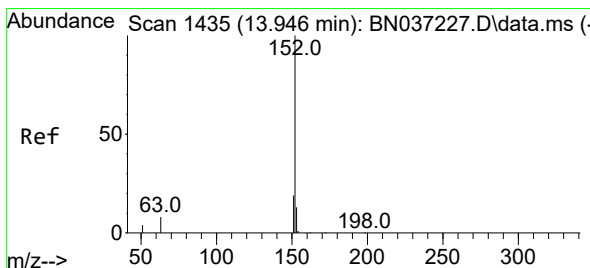
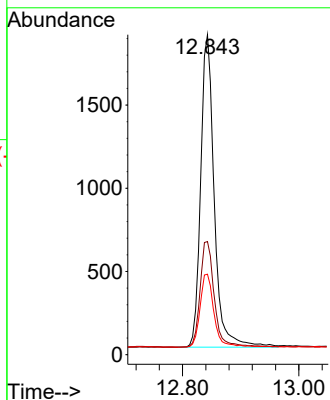
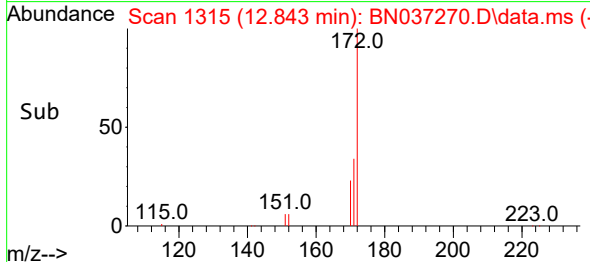
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



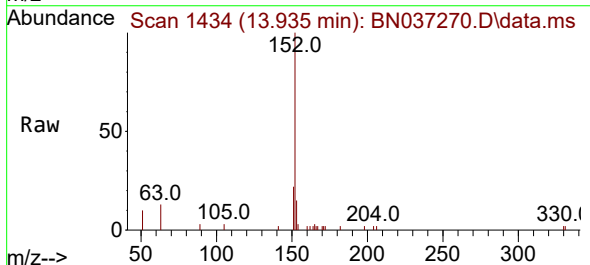
Tgt Ion:172 Resp: 3044  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.8 44.8  
170 25.1 21.1 31.7

Manual Integrations  
APPROVED

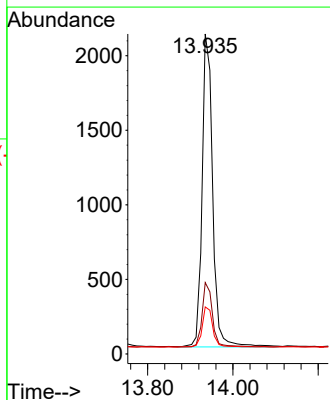
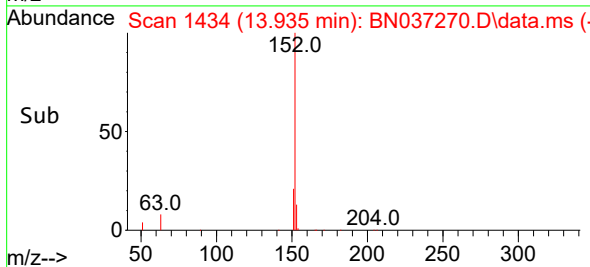
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

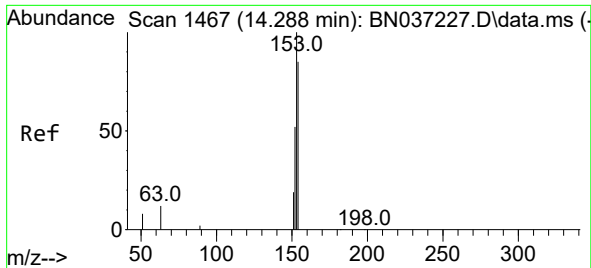


#16  
Acenaphthylene  
Concen: 0.379 ng  
RT: 13.935 min Scan# 1434  
Delta R.T. -0.011 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



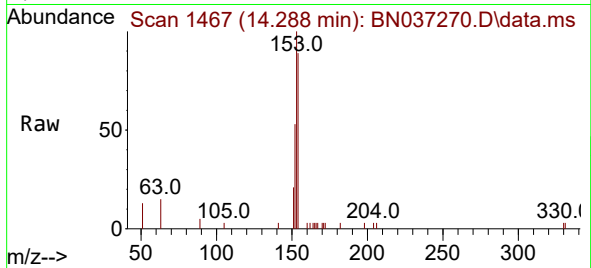
Tgt Ion:152 Resp: 3608  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 12.9 10.7 16.1





#17  
Acenaphthene  
Concen: 0.346 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

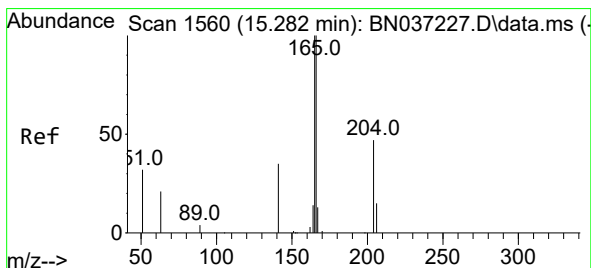
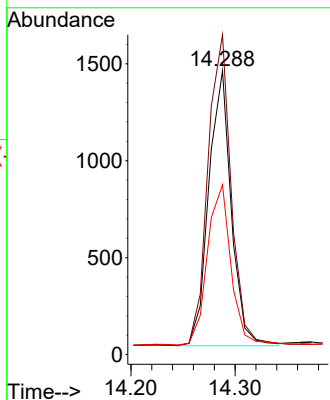
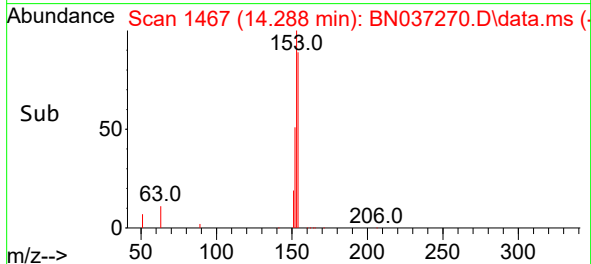
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



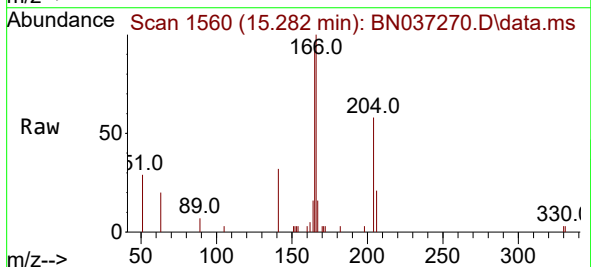
Tgt Ion:154 Resp: 2128  
Ion Ratio Lower Upper  
154 100  
153 116.9 94.6 141.8  
152 61.9 49.6 74.4

Manual Integrations  
APPROVED

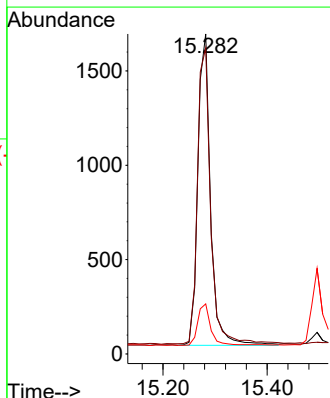
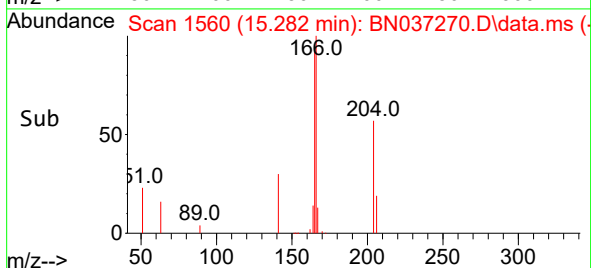
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

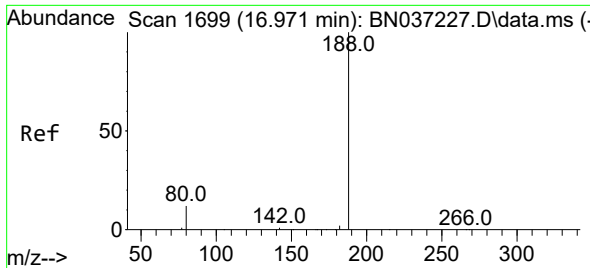


#18  
Fluorene  
Concen: 0.354 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



Tgt Ion:166 Resp: 2799  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.8 119.6  
167 13.6 10.8 16.2





#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 16.971 min Scan# 1699  
 Delta R.T. 0.000 min  
 Lab File: BN037270.D  
 Acq: 14 Jun 2025 20:00

Instrument :

BNA\_N

ClientSampleId :

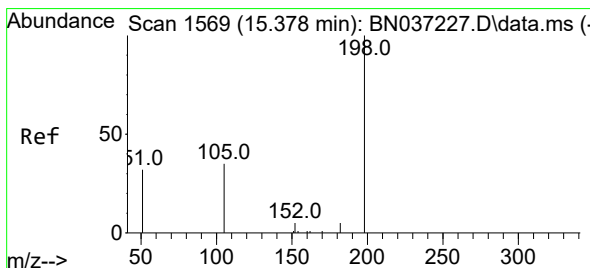
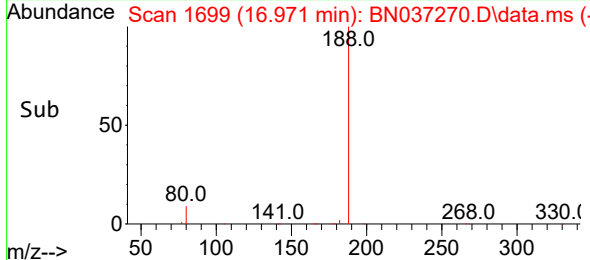
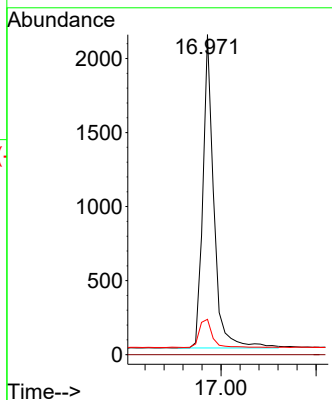
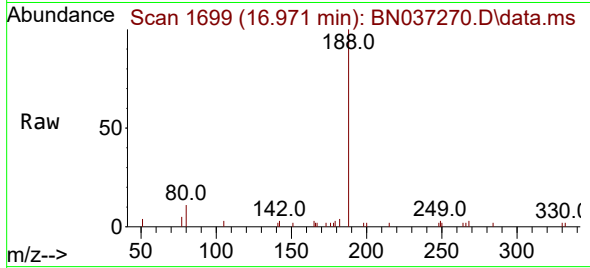
PB168458BS

Tgt Ion:188 Resp: 3410  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 11.1 12.2 18.4

Manual Integrations

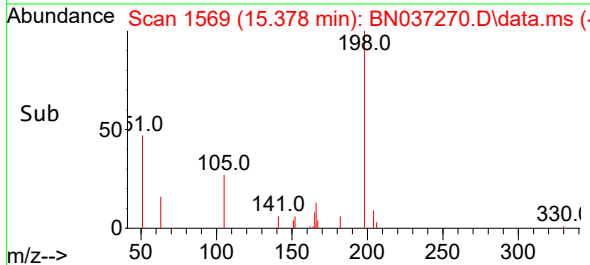
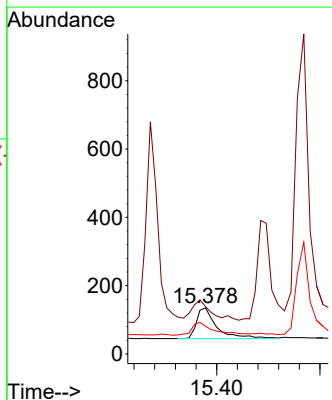
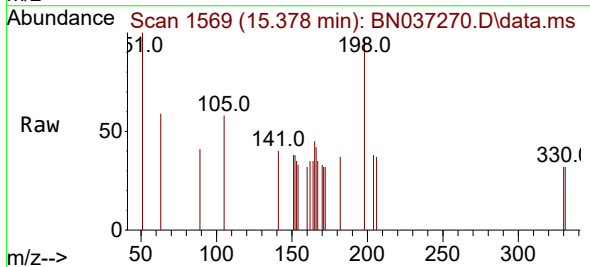
APPROVED

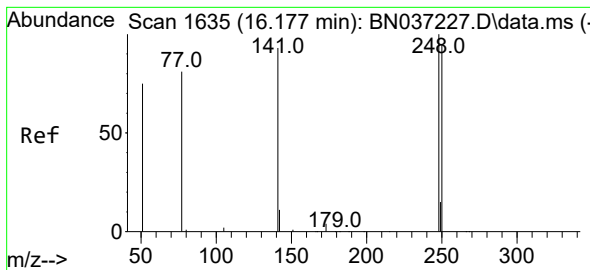
Reviewed By :Anahy Claudio 06/16/2025  
 Supervised By :Jagrut Upadhyay 06/16/2025



#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.394 ng  
 RT: 15.378 min Scan# 1569  
 Delta R.T. 0.000 min  
 Lab File: BN037270.D  
 Acq: 14 Jun 2025 20:00

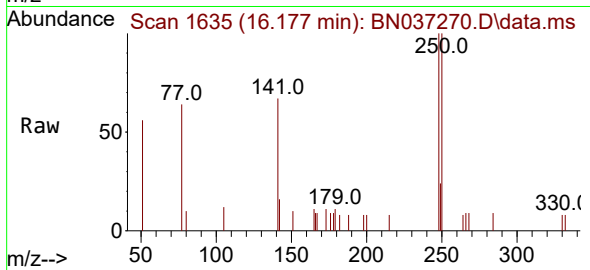
Tgt Ion:198 Resp: 248  
 Ion Ratio Lower Upper  
 198 100  
 51 103.0 111.2 166.8#  
 105 60.0 54.0 81.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.374 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

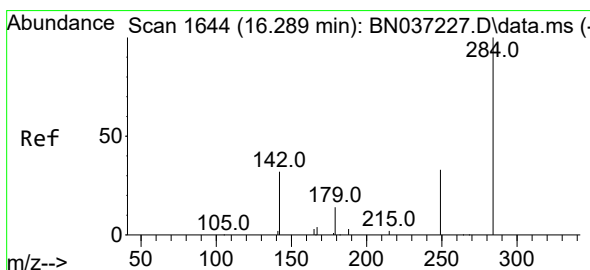
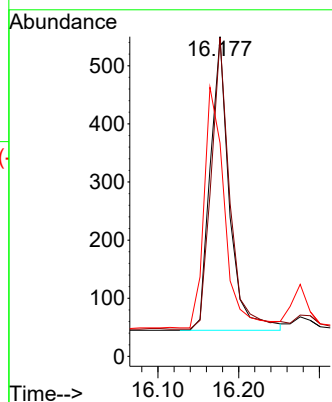
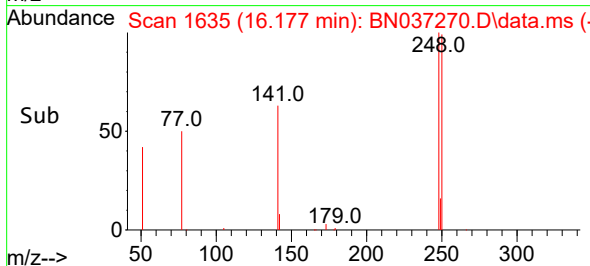
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



Tgt Ion:248 Resp: 830  
Ion Ratio Lower Upper  
248 100  
250 99.6 76.8 115.2  
141 66.7 75.6 113.4

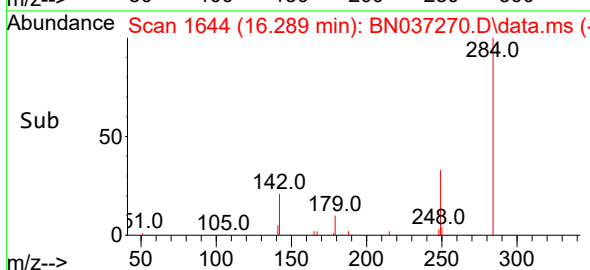
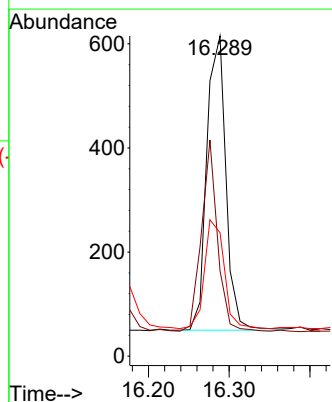
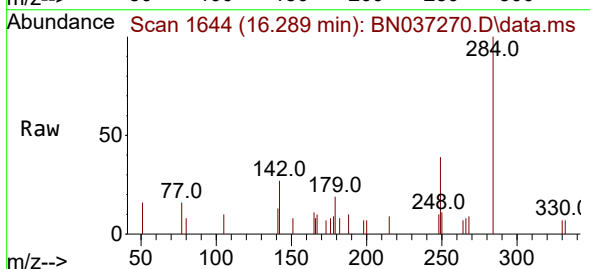
Manual Integrations  
APPROVED

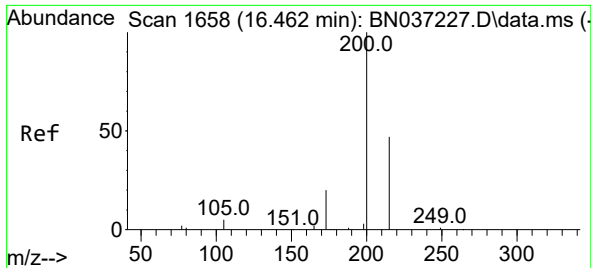
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#22  
Hexachlorobenzene  
Concen: 0.360 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Tgt Ion:284 Resp: 927  
Ion Ratio Lower Upper  
284 100  
142 54.5 43.8 65.6  
249 38.4 28.4 42.6





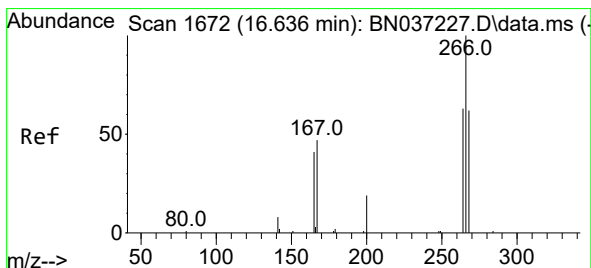
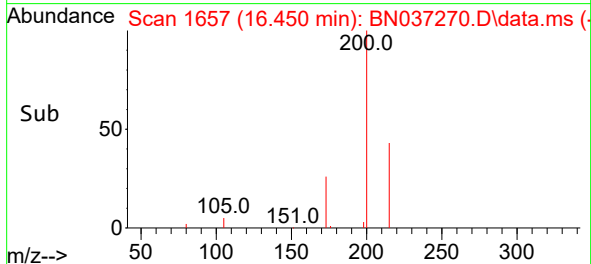
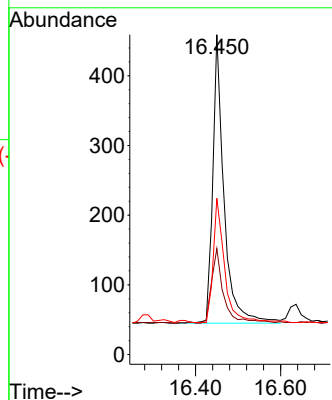
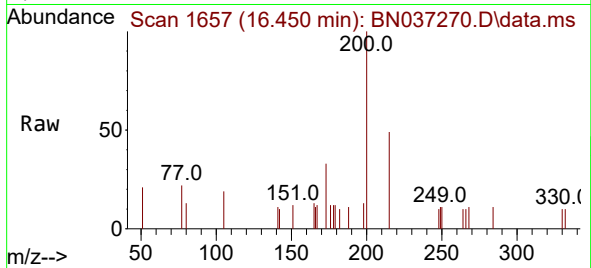
#23  
Atrazine  
Concen: 0.383 ng  
RT: 16.450 min Scan# 1657  
Delta R.T. -0.012 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS

Tgt Ion:200 Resp: 760  
Ion Ratio Lower Upper  
200 100  
173 33.1 25.1 37.7  
215 48.8 43.7 65.5

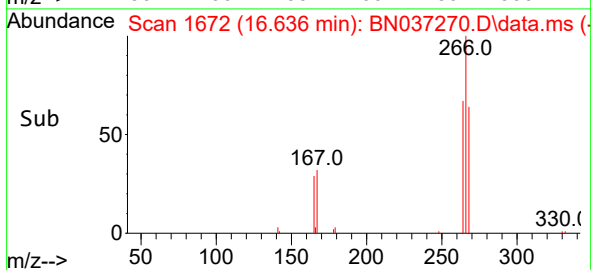
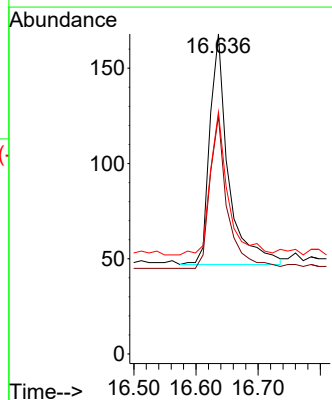
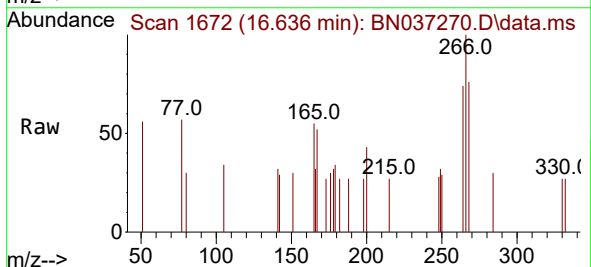
Manual Integrations  
APPROVED

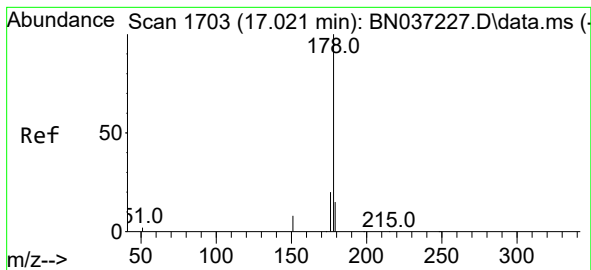
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#24  
Pentachlorophenol  
Concen: 0.200 ng  
RT: 16.636 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

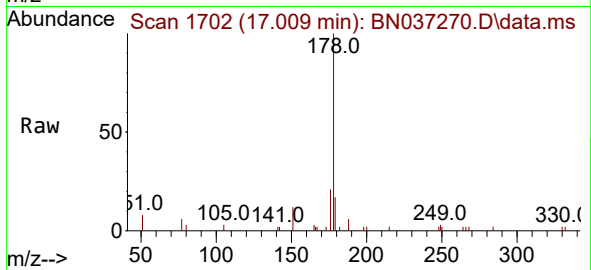
Tgt Ion:266 Resp: 252  
Ion Ratio Lower Upper  
266 100  
264 61.9 49.2 73.8  
268 58.7 53.4 80.2





#25  
Phenanthrene  
Concen: 0.364 ng  
RT: 17.009 min Scan# 1710  
Delta R.T. -0.012 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

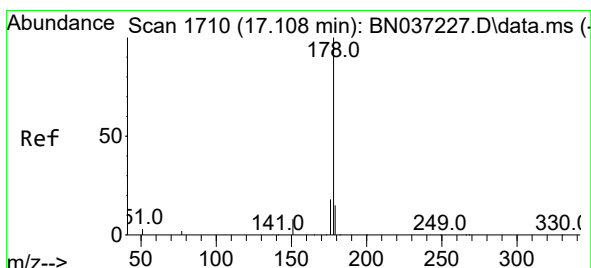
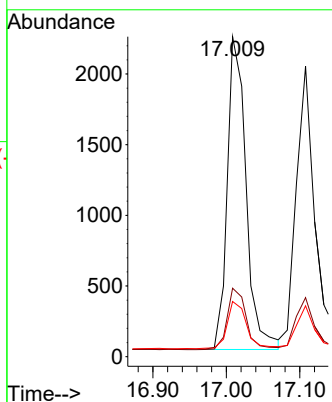
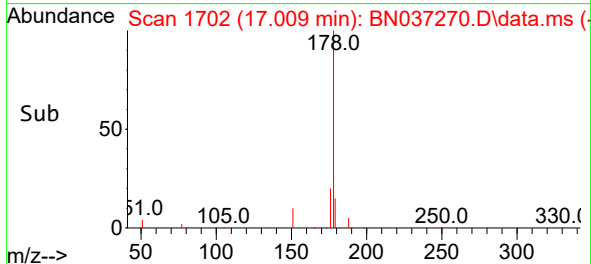
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



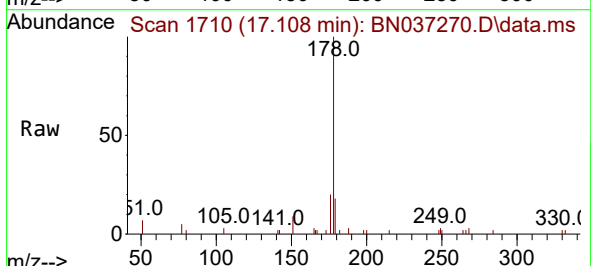
Tgt Ion:178 Resp: 3930  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.3 24.5  
179 15.9 12.6 18.8

Manual Integrations  
APPROVED

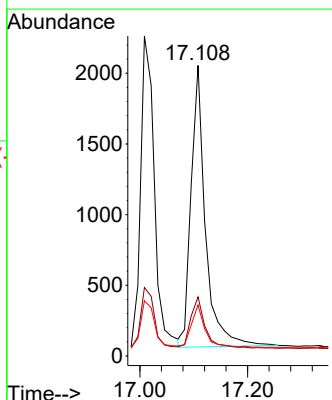
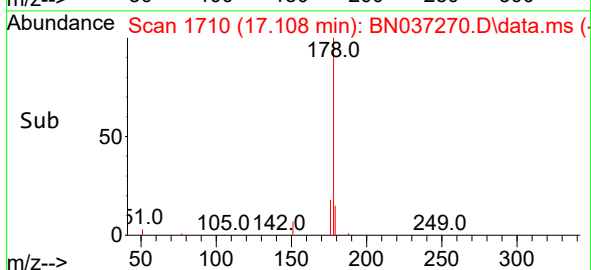
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

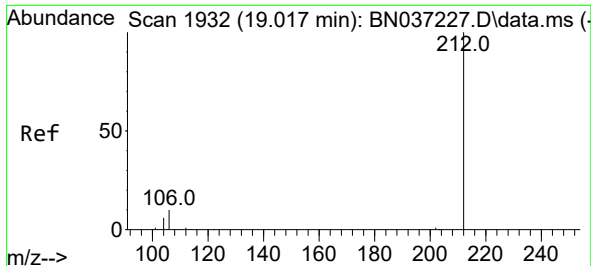


#26  
Anthracene  
Concen: 0.373 ng  
RT: 17.108 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



Tgt Ion:178 Resp: 3696  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 14.5 12.4 18.6





#27  
Fluoranthene-d10  
Concen: 0.340 ng  
RT: 19.012 min Scan# 1932  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Instrument :

BNA\_N

ClientSampleId :

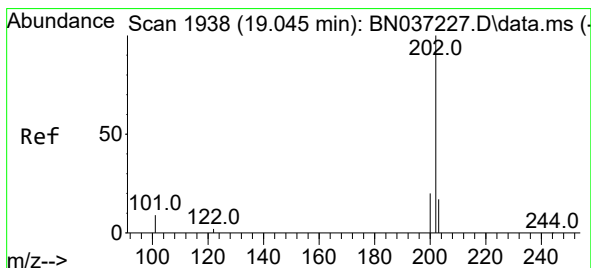
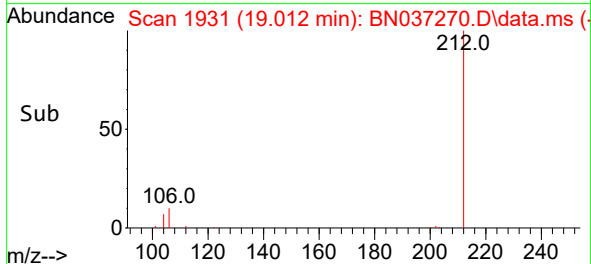
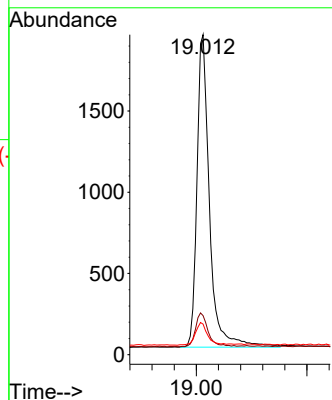
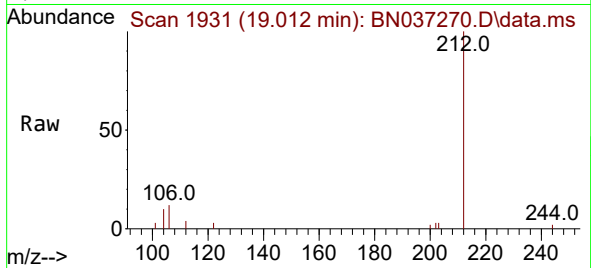
PB168458BS

Tgt Ion:212 Resp: 3035  
Ion Ratio Lower Upper  
212 100  
106 10.8 9.3 13.9  
104 7.3 5.7 8.5

Manual Integrations

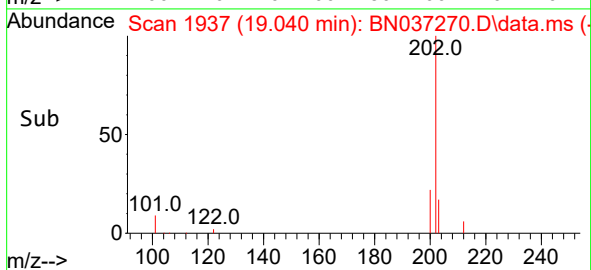
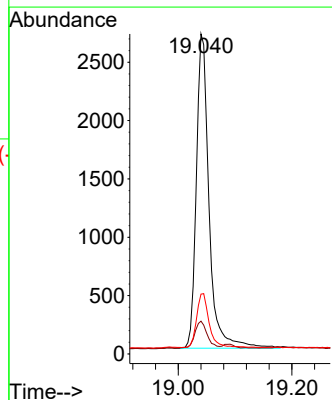
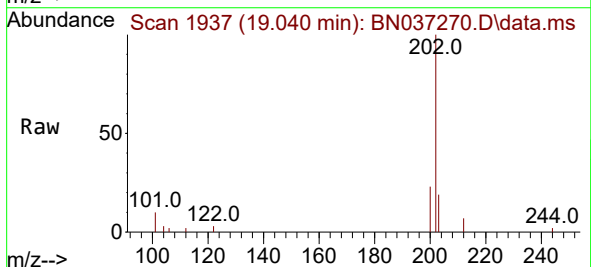
APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

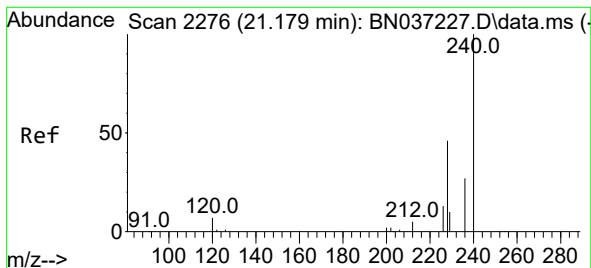


#28  
Fluoranthene  
Concen: 0.331 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Tgt Ion:202 Resp: 4192  
Ion Ratio Lower Upper  
202 100  
101 8.3 7.1 10.7  
203 17.2 13.0 19.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037270.D

Acq: 14 Jun 2025 20:00

Instrument :

BNA\_N

ClientSampleId :

PB168458BS

Tgt Ion:240 Resp: 249

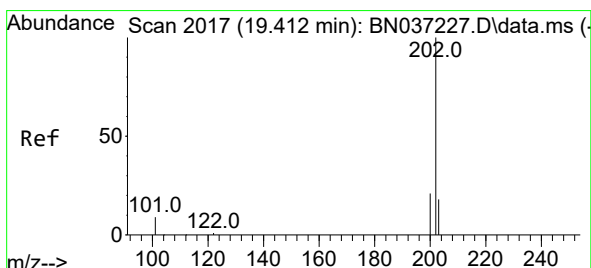
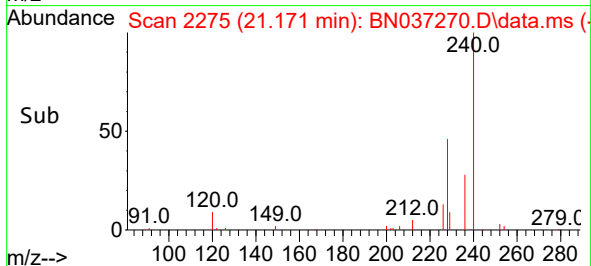
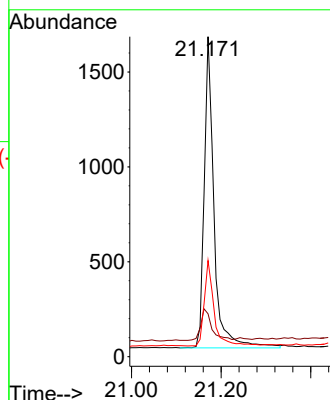
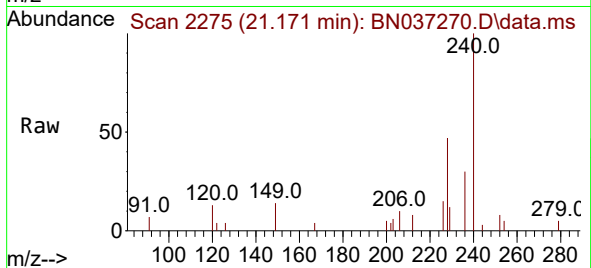
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 13.4  | 11.3  | 16.9  |
| 236 | 30.0  | 24.4  | 36.6  |

Manual Integrations

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Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#30

Pyrene

Concen: 0.368 ng

RT: 19.407 min Scan# 2016

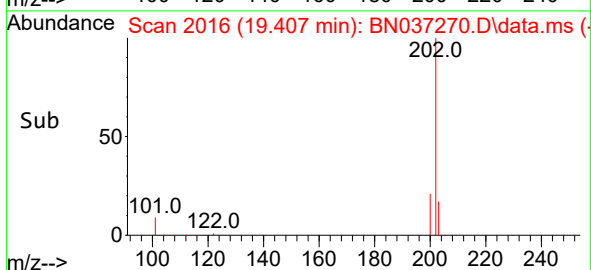
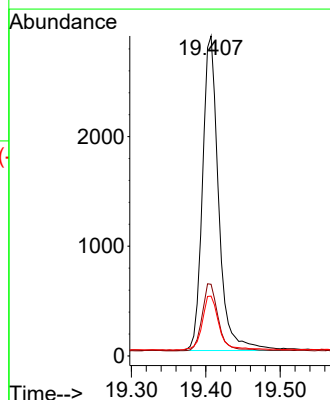
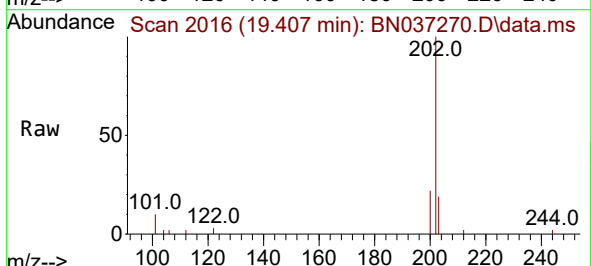
Delta R.T. -0.005 min

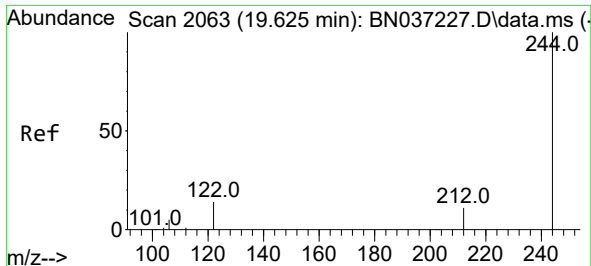
Lab File: BN037270.D

Acq: 14 Jun 2025 20:00

Tgt Ion:202 Resp: 4321

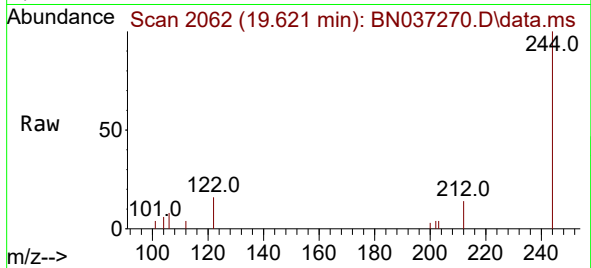
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.5  | 17.2  | 25.8  |
| 203 | 18.0  | 14.3  | 21.5  |





#31  
Terphenyl-d14  
Concen: 0.378 ng  
RT: 19.621 min Scan# 2063  
Delta R.T. -0.005 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

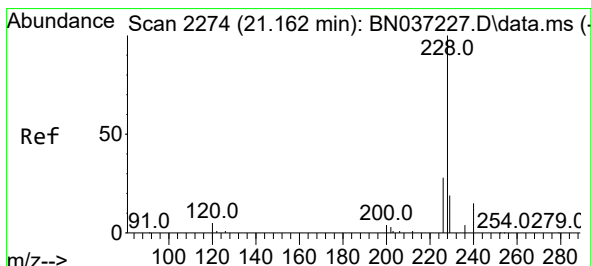
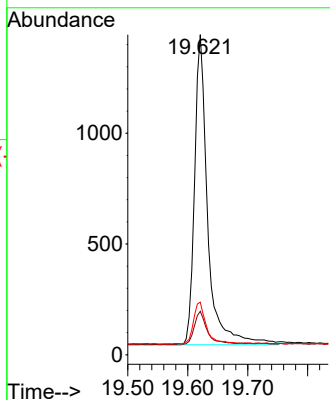
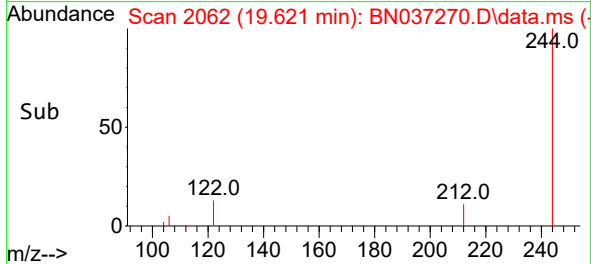
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



Tgt Ion:244 Resp: 213  
Ion Ratio Lower Upper  
244 100  
212 13.6 12.2 18.2  
122 16.4 14.3 21.5

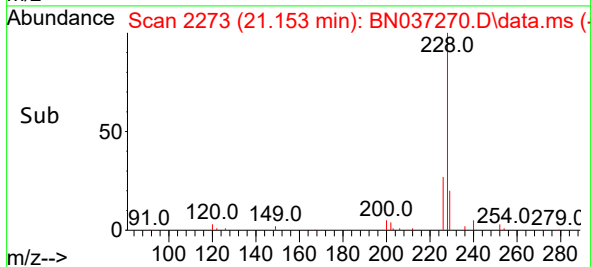
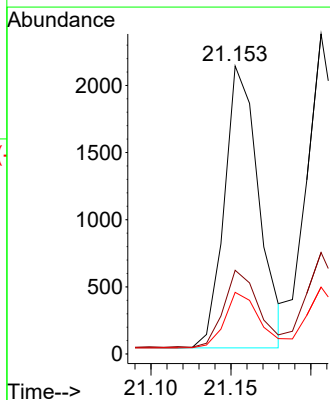
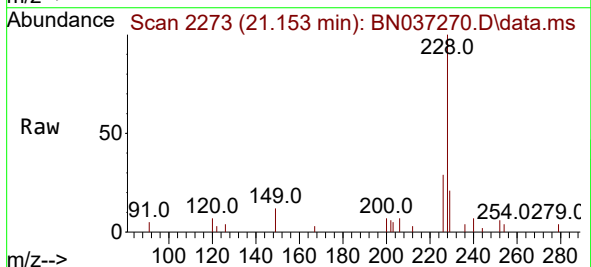
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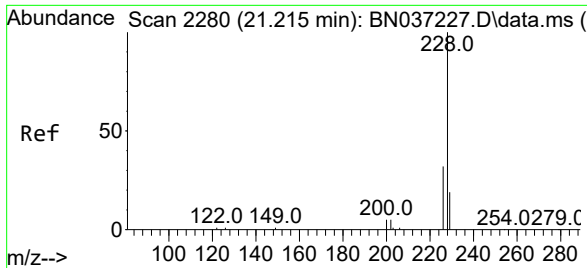
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#32  
Benzo(a)anthracene  
Concen: 0.375 ng  
RT: 21.153 min Scan# 2273  
Delta R.T. -0.009 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

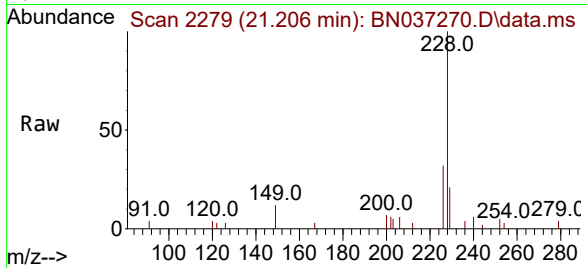
Tgt Ion:228 Resp: 3158  
Ion Ratio Lower Upper  
228 100  
226 29.1 23.8 35.8  
229 21.4 17.0 25.4





#33  
Chrysene  
Concen: 0.369 ng  
RT: 21.206 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

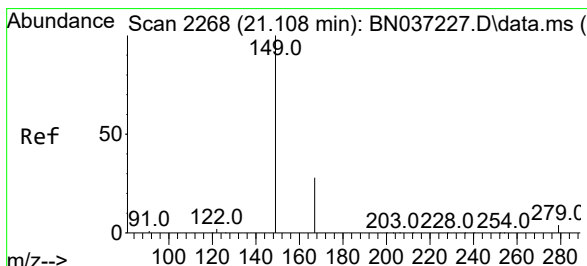
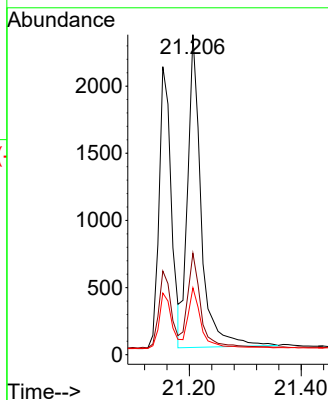
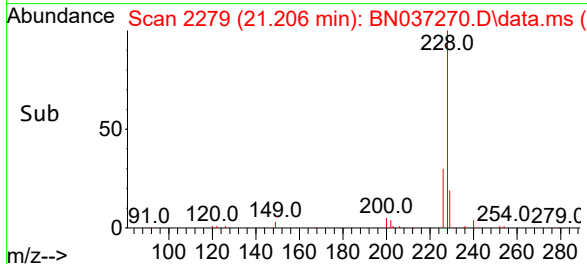
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



Tgt Ion:228 Resp: 387  
Ion Ratio Lower Upper  
228 100  
226 31.7 25.8 38.6  
229 20.9 17.0 25.4

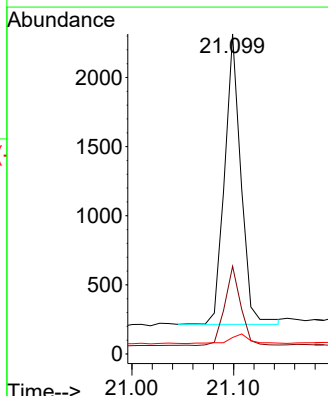
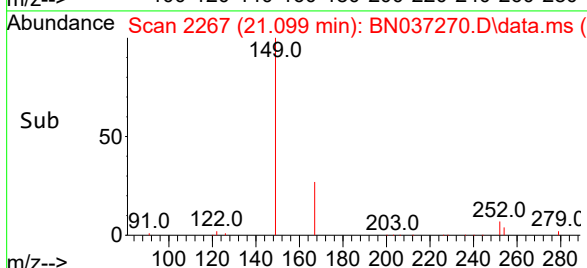
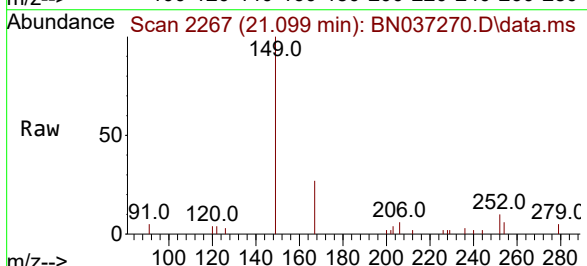
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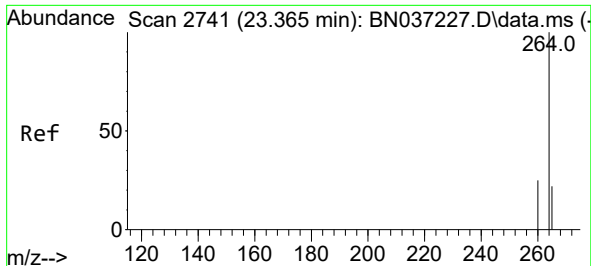
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.373 ng  
RT: 21.099 min Scan# 2267  
Delta R.T. -0.009 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

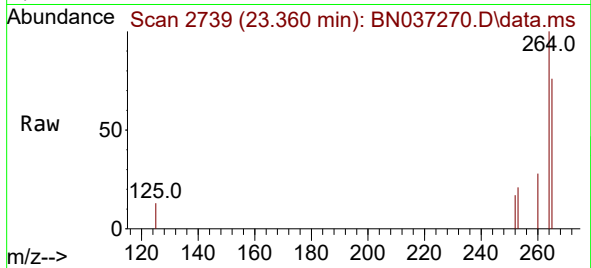
Tgt Ion:149 Resp: 2339  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.3 31.9  
279 3.8 3.3 4.9





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.360 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BN037270.D  
 Acq: 14 Jun 2025 20:00

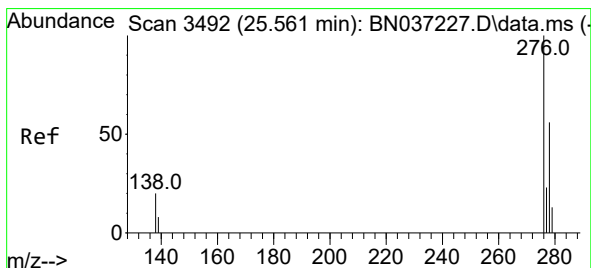
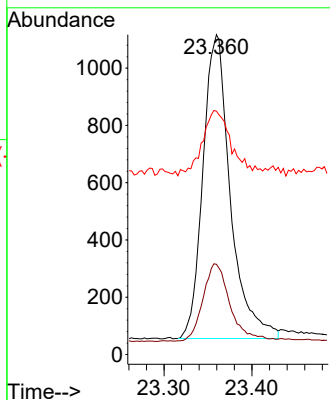
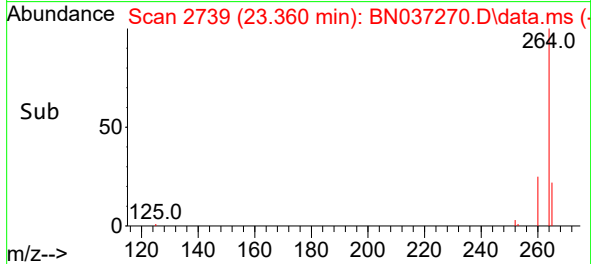
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168458BS



Tgt Ion:264 Resp: 2298  
 Ion Ratio Lower Upper  
 264 100  
 260 28.2 22.8 34.2  
 265 76.1 66.4 99.6

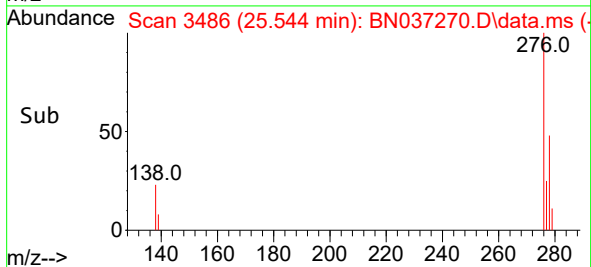
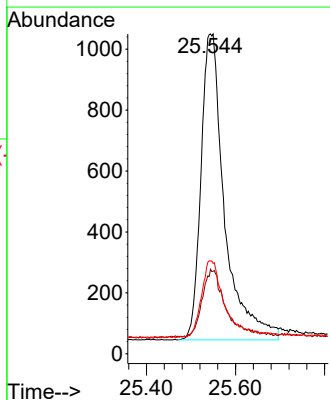
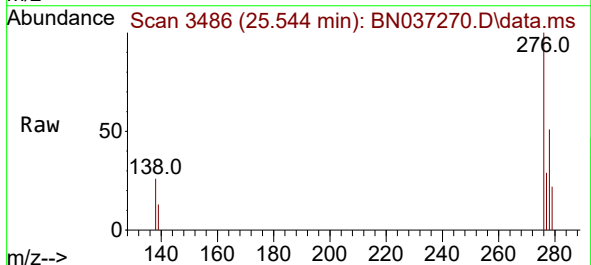
Manual Integrations  
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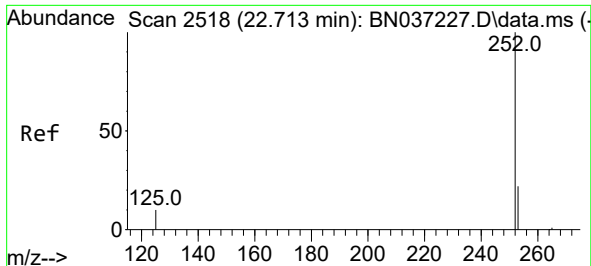
Reviewed By :Anahy Claudio 06/16/2025  
 Supervised By :Jagrut Upadhyay 06/16/2025



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.400 ng  
 RT: 25.544 min Scan# 3486  
 Delta R.T. -0.017 min  
 Lab File: BN037270.D  
 Acq: 14 Jun 2025 20:00

Tgt Ion:276 Resp: 3705  
 Ion Ratio Lower Upper  
 276 100  
 138 21.3 16.8 25.2  
 277 24.4 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 22.705 min Scan# 2515

Delta R.T. -0.009 min

Lab File: BN037270.D

Acq: 14 Jun 2025 20:00

Instrument :

BNA\_N

ClientSampleId :

PB168458BS

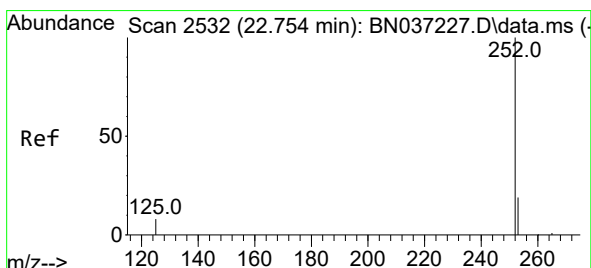
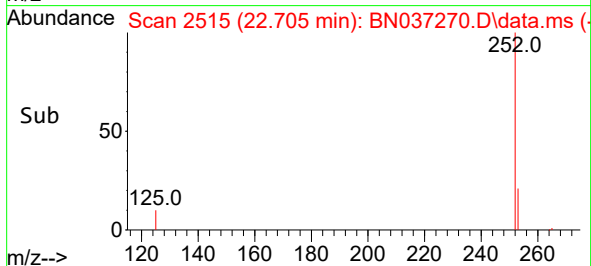
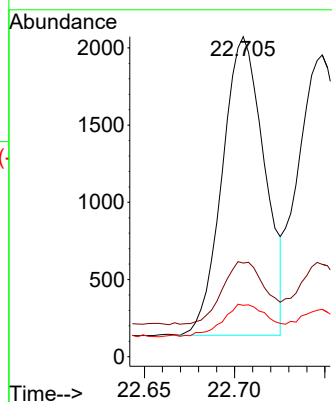
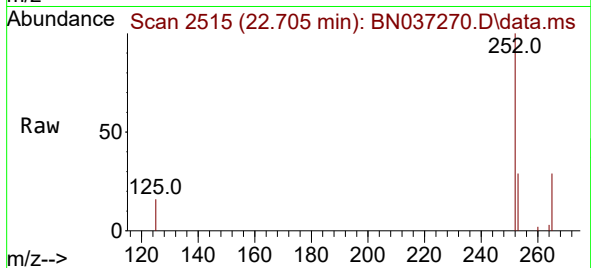
Tgt Ion:252 Resp: 3140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 29.2  | 24.9  | 37.3  |
| 125 | 16.1  | 12.9  | 19.3  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#38

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.749 min Scan# 2530

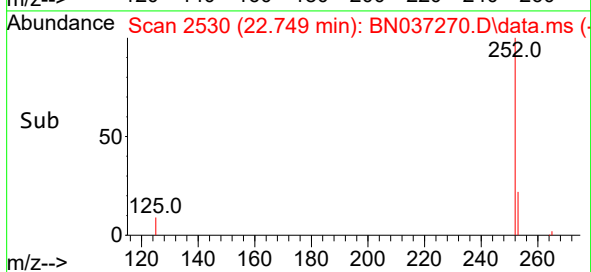
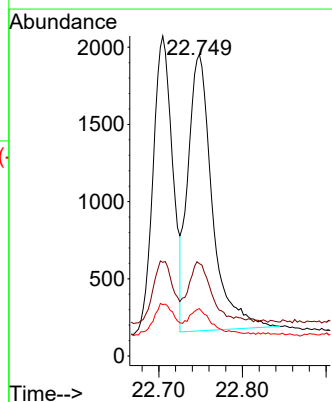
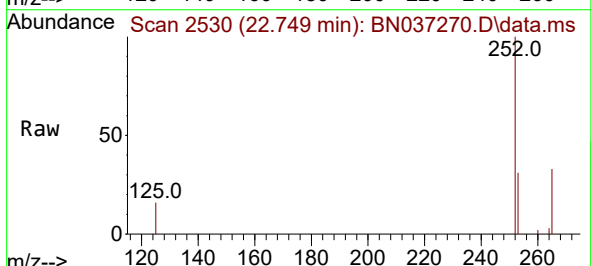
Delta R.T. -0.006 min

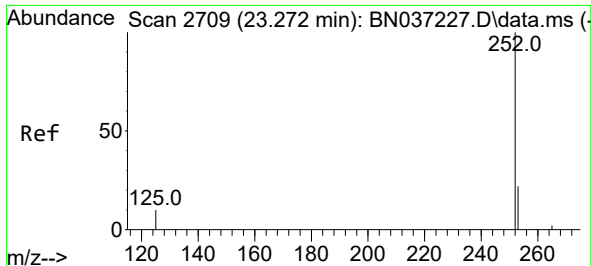
Lab File: BN037270.D

Acq: 14 Jun 2025 20:00

Tgt Ion:252 Resp: 3614

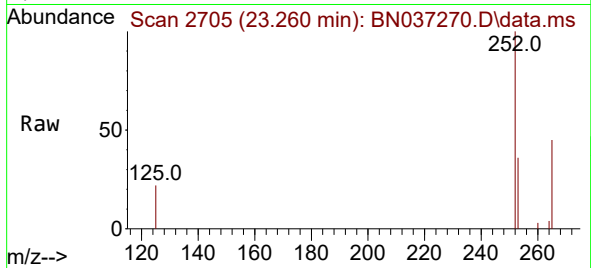
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 30.6  | 24.6  | 37.0  |
| 125 | 15.7  | 13.4  | 20.2  |





#39  
Benzo(a)pyrene  
Concen: 0.401 ng  
RT: 23.260 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

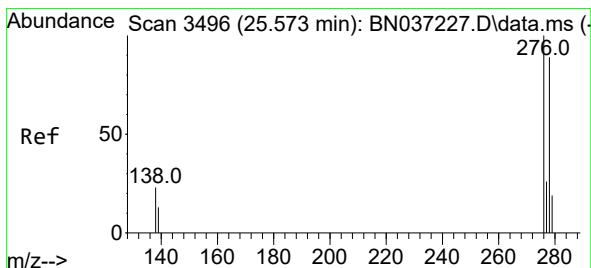
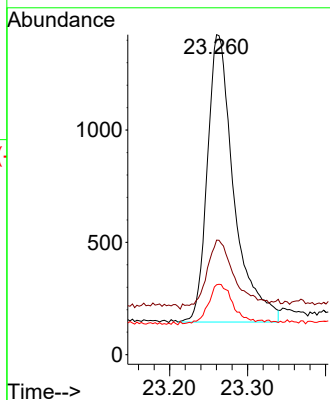
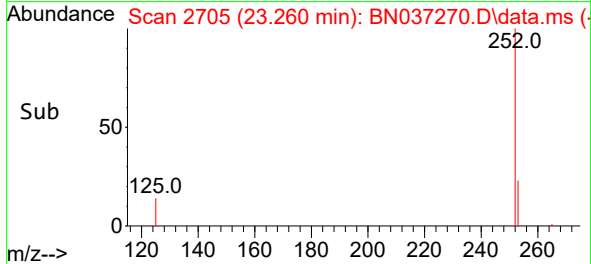
Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



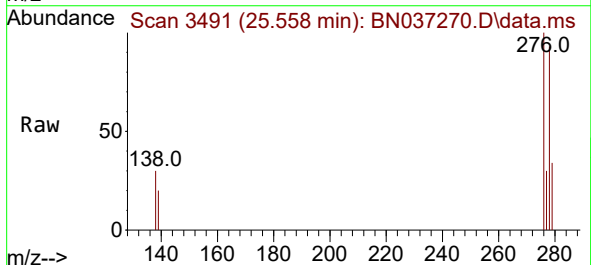
Tgt Ion:252 Resp: 3030  
Ion Ratio Lower Upper  
252 100  
253 35.8 29.4 44.2  
125 21.8 16.2 24.2

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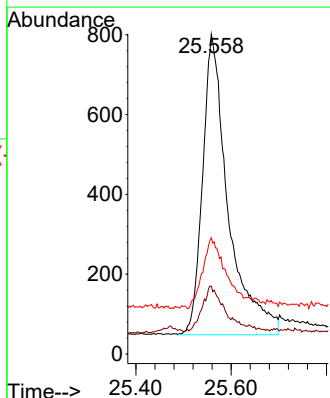
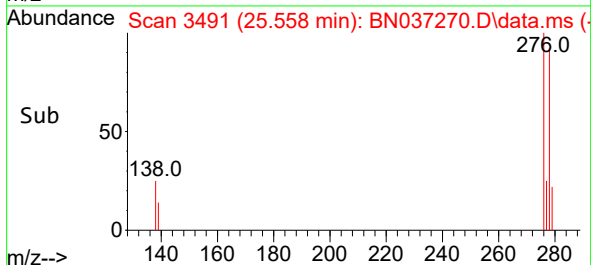
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

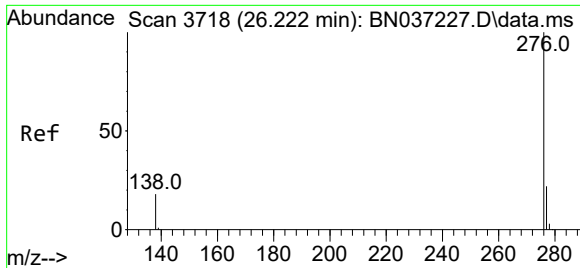


#40  
Dibenzo(a,h)anthracene  
Concen: 0.398 ng  
RT: 25.558 min Scan# 3491  
Delta R.T. -0.015 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00



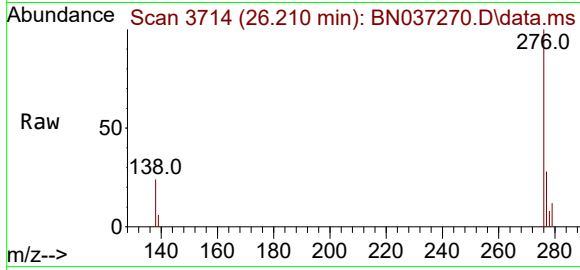
Tgt Ion:278 Resp: 2809  
Ion Ratio Lower Upper  
278 100  
139 21.2 17.8 26.6  
279 36.3 31.3 46.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.370 ng  
RT: 26.210 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BN037270.D  
Acq: 14 Jun 2025 20:00

Instrument :  
BNA\_N  
ClientSampleId :  
PB168458BS



Tgt Ion:276 Resp: 318  
Ion Ratio Lower Upper  
276 100  
277 27.7 22.0 33.0  
138 24.3 18.4 27.6

Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

