

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
 Data File : BN037063.D  
 Acq On : 20 May 2025 02:30  
 Operator : RC/JU  
 Sample : PB168032BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168032BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/20/2025  
 Supervised By :Jagrut Upadhyay 05/20/2025

Quant Time: May 20 04:21:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 1917     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.393 | 136  | 4918     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.256 | 164  | 2815     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.008 | 188  | 5670     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.206 | 240  | 4453     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.403 | 264  | 3773     | 0.400 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 1663     | 0.331 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 2019     | 0.321 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1750     | 0.327 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 2578m    | 0.372 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 372      | 0.301 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.878 | 172  | 4004     | 0.311 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.045 | 212  | 5116     | 0.329 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 3671     | 0.385 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.133  | 88   | 677      | 0.288 | ng    | # 29     |
| 3) n-Nitrosodimethylamine     | 3.444  | 42   | 1678     | 0.332 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.040  | 93   | 1869     | 0.323 | ng    | 100      |
| 9) Naphthalene                | 10.436 | 128  | 4748     | 0.327 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.735 | 225  | 1095     | 0.359 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.067 | 142  | 2857     | 0.306 | ng    | 98       |
| 16) Acenaphthylene            | 13.978 | 152  | 4935     | 0.360 | ng    | 99       |
| 17) Acenaphthene              | 14.320 | 154  | 2952     | 0.330 | ng    | 99       |
| 18) Fluorene                  | 15.314 | 166  | 4027     | 0.343 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 378      | 0.350 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 1233     | 0.344 | ng    | # 87     |
| 22) Hexachlorobenzene         | 16.326 | 284  | 1370     | 0.357 | ng    | 98       |
| 23) Atrazine                  | 16.487 | 200  | 1090     | 0.349 | ng    | 96       |
| 24) Pentachlorophenol         | 16.661 | 266  | 1025     | 0.485 | ng    | 98       |
| 25) Phenanthrene              | 17.046 | 178  | 6364     | 0.343 | ng    | 100      |
| 26) Anthracene                | 17.145 | 178  | 5844     | 0.347 | ng    | 100      |
| 28) Fluoranthene              | 19.072 | 202  | 7096     | 0.321 | ng    | 99       |
| 30) Pyrene                    | 19.439 | 202  | 7132     | 0.374 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.188 | 228  | 5875     | 0.350 | ng    | 99       |
| 33) Chrysene                  | 21.242 | 228  | 6331     | 0.357 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 3539     | 0.343 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.614 | 276  | 5303     | 0.344 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.746 | 252  | 5401     | 0.345 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.789 | 252  | 5711     | 0.370 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.307 | 252  | 4781     | 0.360 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 25.628 | 278  | 4135     | 0.345 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.286 | 276  | 4472     | 0.343 | ng    | 99       |

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

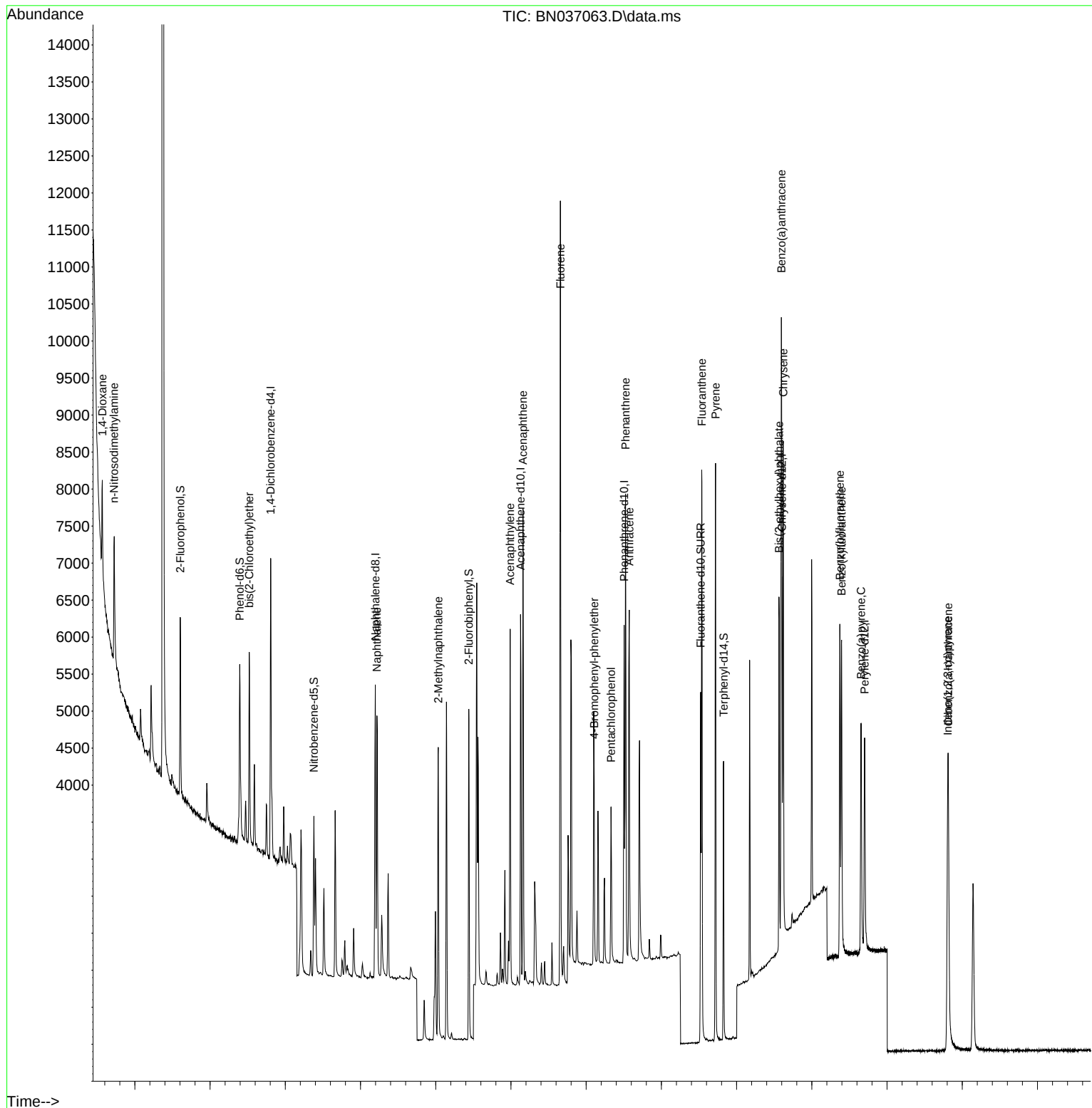
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
Data File : BN037063.D  
Acq On : 20 May 2025 02:30  
Operator : RC/JU  
Sample : PB168032BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

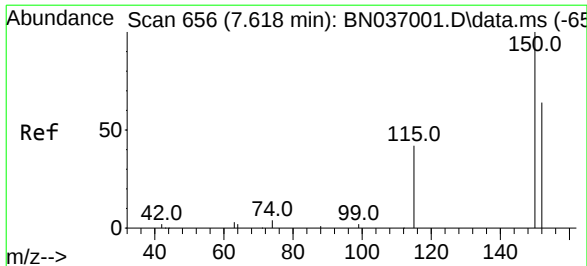
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025

Quant Time: May 20 04:21:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration





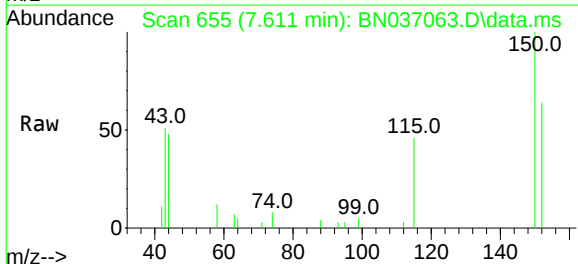
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1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.611 min Scan# 65  
Delta R.T. -0.007 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :

BNA\_N

ClientSampleId :

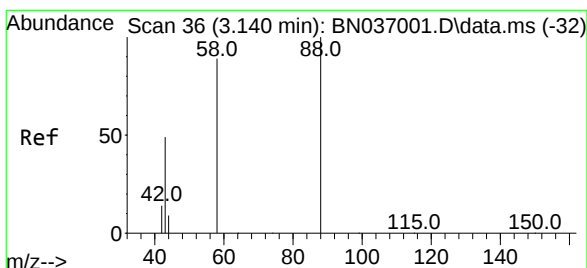
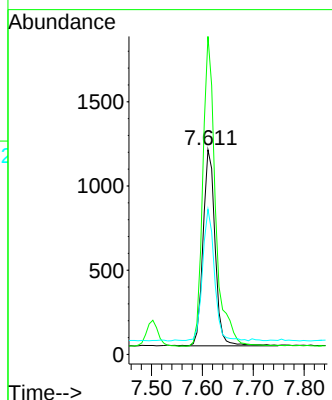
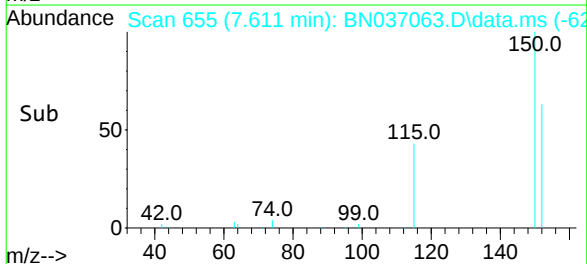
PB168032BS



Tgt Ion: 152 Resp: 1917  
Ion Ratio Lower Upper  
152 100  
150 155.4 123.9 185.9  
115 70.9 55.8 83.8

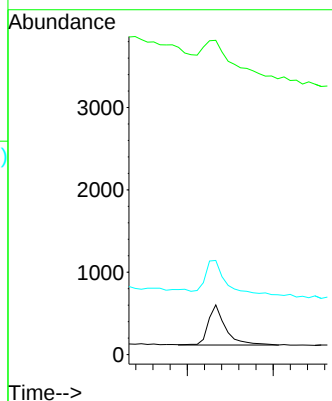
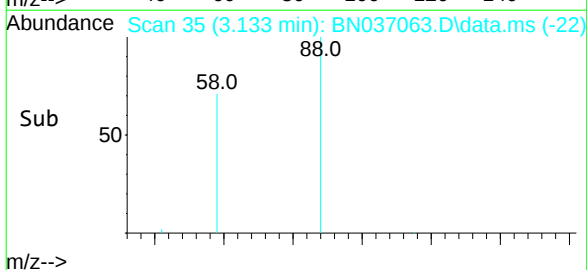
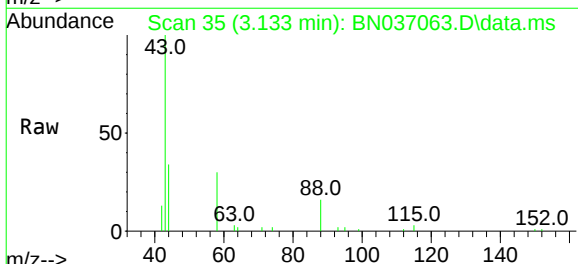
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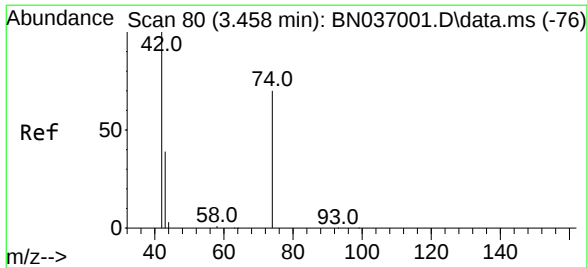
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#2  
1,4-Dioxane  
Concen: 0.288 ng  
RT: 3.133 min Scan# 35  
Delta R.T. -0.007 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Tgt Ion: 88 Resp: 677  
Ion Ratio Lower Upper  
88 100  
43 160.7 37.4 56.0#  
58 101.6 68.8 103.2





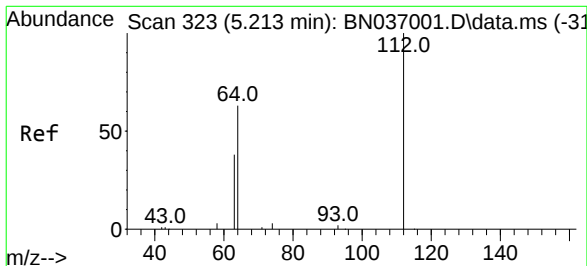
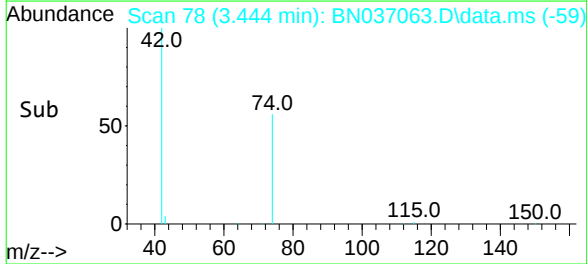
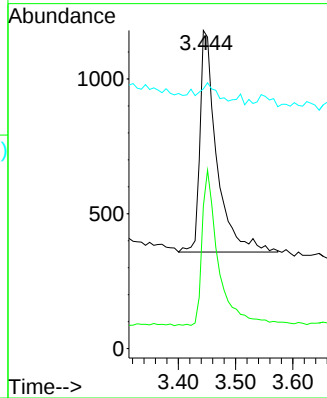
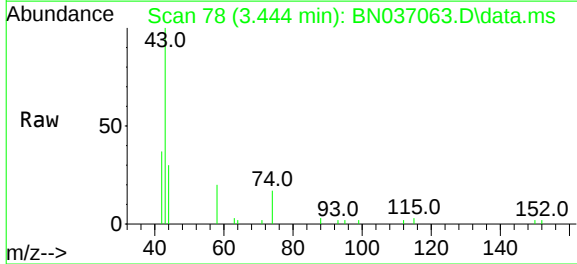
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n-Nitrosodimethylamine  
Concen: 0.332 ng  
RT: 3.444 min Scan# 78  
Delta R.T. -0.015 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

Tgt Ion: 42 Resp: 1678  
Ion Ratio Lower Upper  
42 100  
74 69.1 59.8 89.6  
44 6.5 11.9 17.9

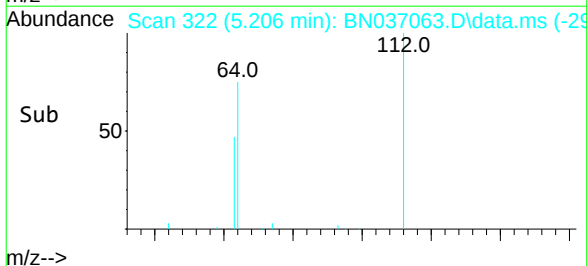
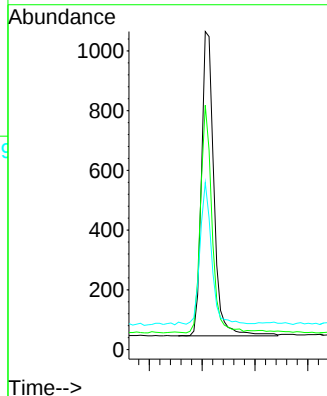
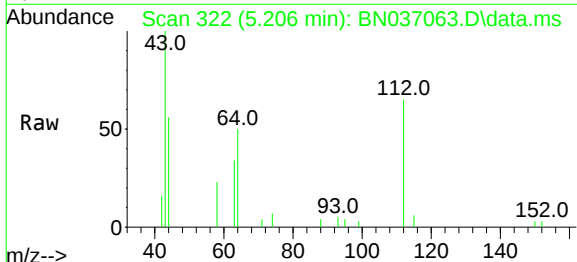
Manual Integrations  
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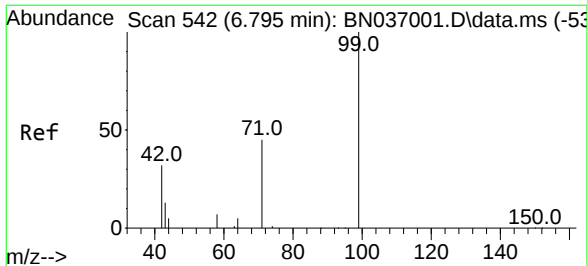
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#4  
2-Fluorophenol  
Concen: 0.331 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

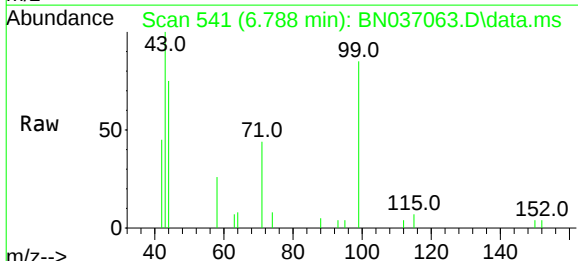
Tgt Ion:112 Resp: 1663  
Ion Ratio Lower Upper  
112 100  
64 69.1 55.7 83.5  
63 43.0 34.6 51.8





#5  
Phenol-d6  
Concen: 0.321 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

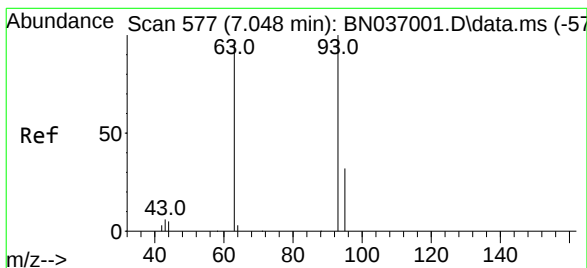
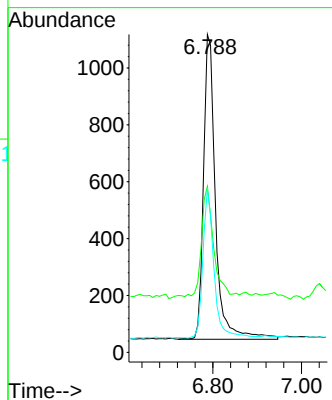
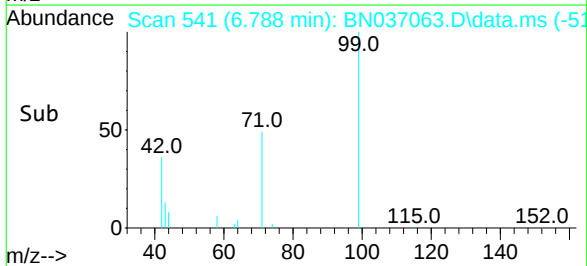
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



Tgt Ion: 99 Resp: 2019  
Ion Ratio Lower Upper  
99 100  
42 35.7 29.3 43.9  
71 45.4 35.7 53.5

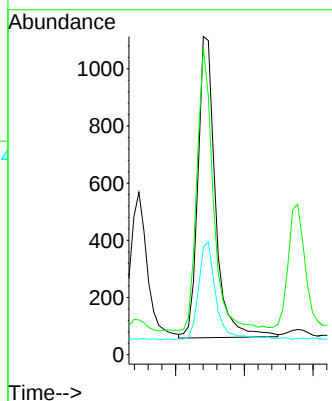
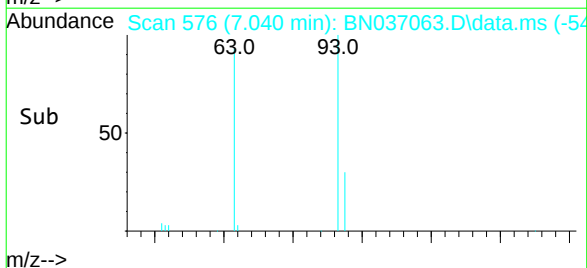
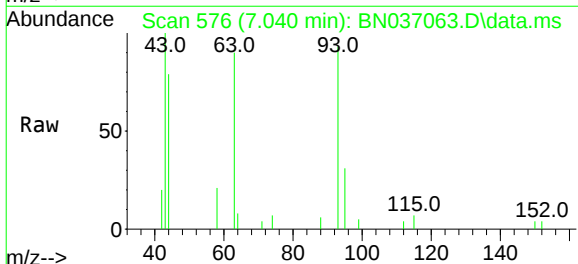
Manual Integrations  
APPROVED

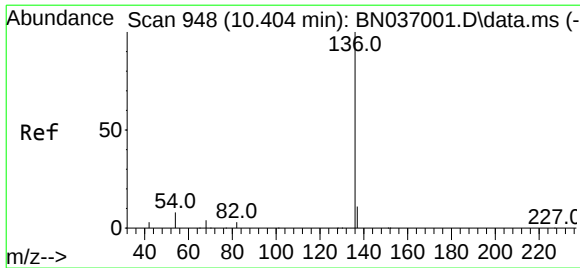
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.323 ng  
RT: 7.040 min Scan# 576  
Delta R.T. -0.007 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

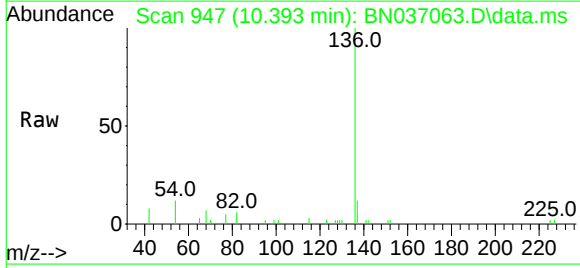
Tgt Ion: 93 Resp: 1869  
Ion Ratio Lower Upper  
93 100  
63 87.3 70.1 105.1  
95 32.3 26.2 39.2





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.393 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

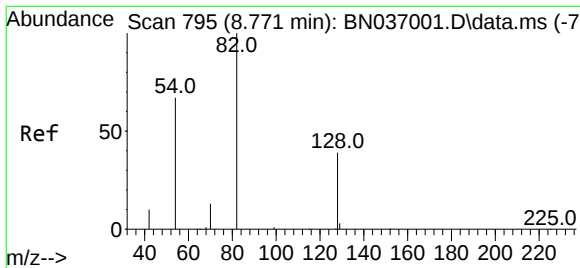
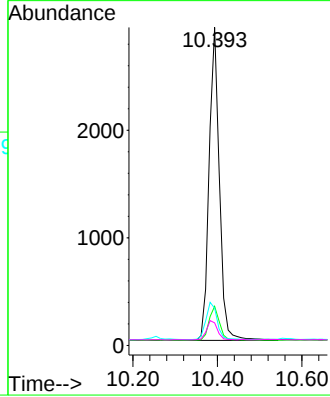
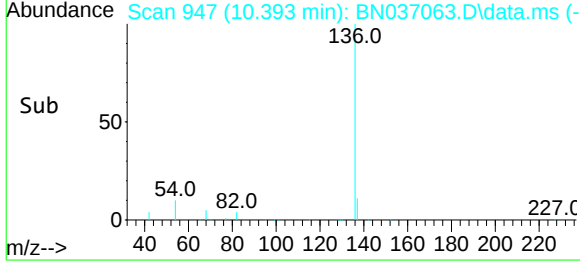
Instrument : BNA\_N  
ClientSampleId : PB168032BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4918  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.3  | 10.4  | 15.6  |
| 54       | 11.7  | 8.5   | 12.7  |
| 68       | 7.1   | 5.1   | 7.7   |

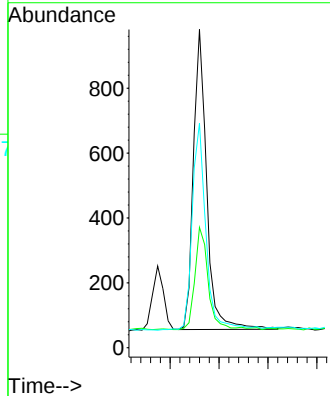
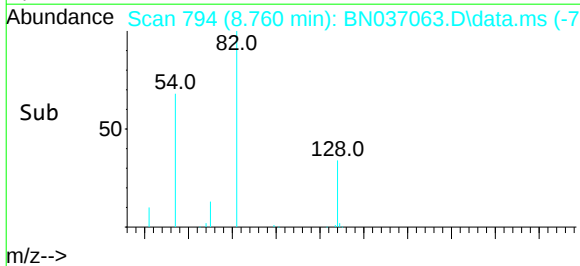
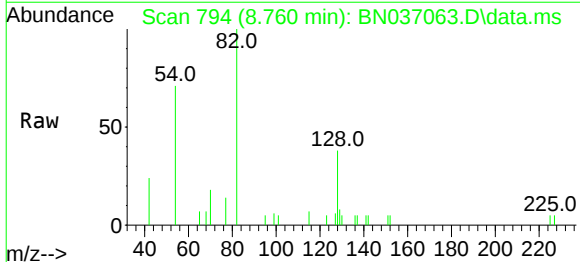
Manual Integrations  
APPROVED

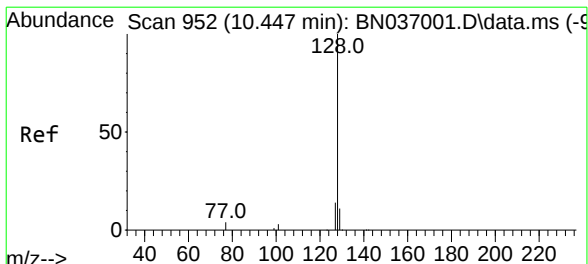
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#8  
Nitrobenzene-d5  
Concen: 0.327 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.011 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

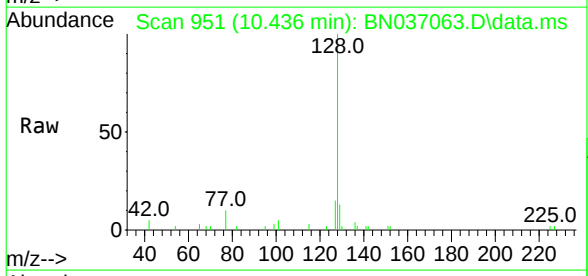
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|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1750  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.8  | 34.0  | 51.0  |
| 54       | 70.5  | 55.0  | 82.4  |





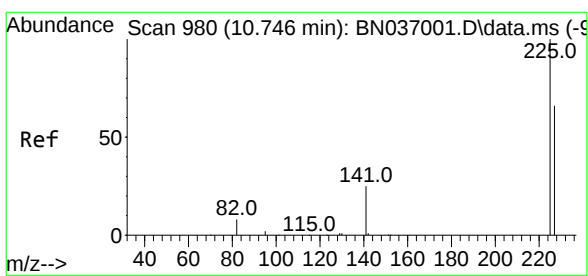
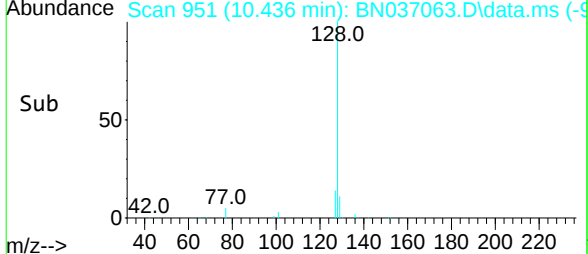
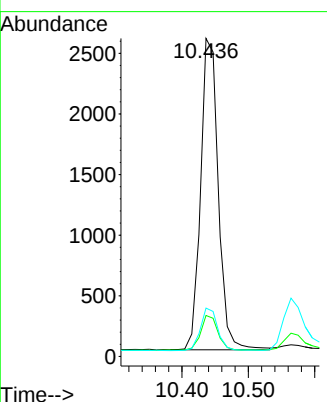
#9  
**Naphthalene**  
 Concen: 0.327 ng  
 RT: 10.436 min Scan# 951  
 Delta R.T. -0.011 min  
 Lab File: BN037063.D  
 Acq: 20 May 2025 02:30

**Instrument :** BNA\_N  
**ClientSampleId :** PB168032BS



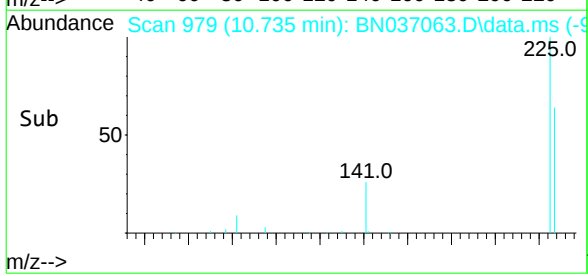
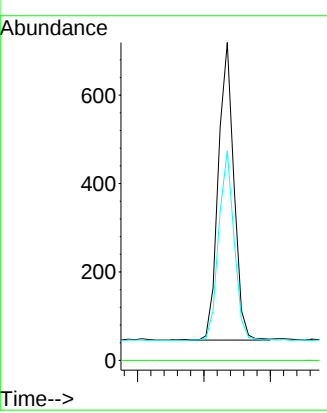
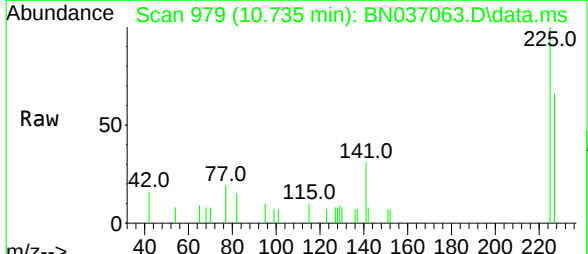
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| Tgt Ion: | 128   | Resp: | 4748  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.9  | 9.7   | 14.5  |
| 127      | 15.2  | 12.4  | 18.6  |

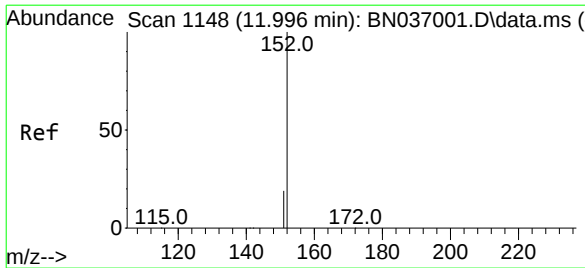
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Rahul Chavli 05/20/2025  
 Supervised By :Jagrut Upadhyay 05/20/2025



#10  
**Hexachlorobutadiene**  
 Concen: 0.359 ng  
 RT: 10.735 min Scan# 979  
 Delta R.T. -0.011 min  
 Lab File: BN037063.D  
 Acq: 20 May 2025 02:30

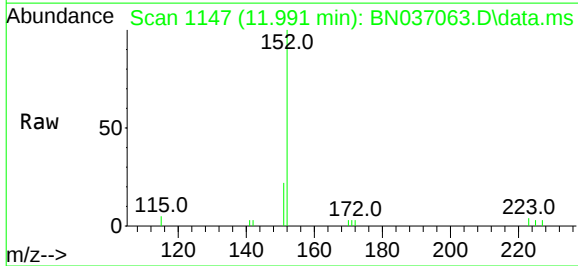
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|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1095  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 50.9  | 76.3  |





#11  
2-Methylnaphthalene-d10  
Concen: 0.372 ng m  
RT: 11.991 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

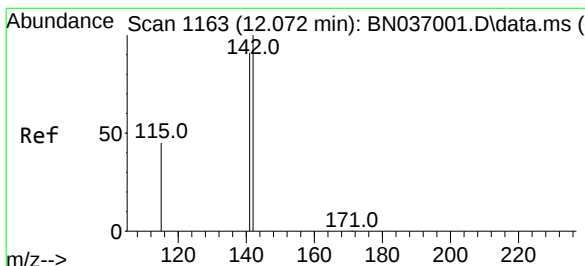
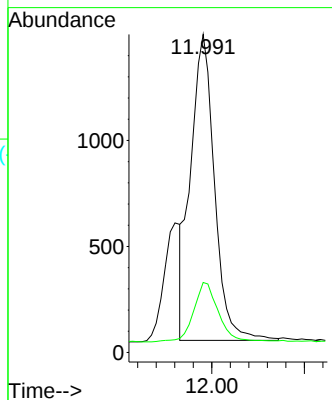
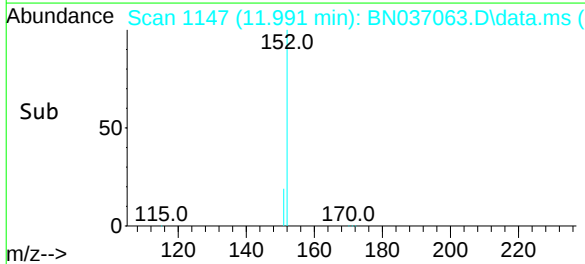
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



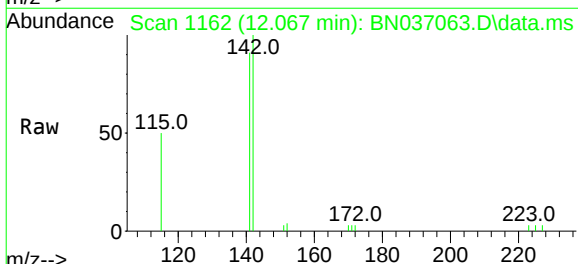
Tgt Ion:152 Resp: 2578  
Ion Ratio Lower Upper  
152 100  
151 20.3 17.5 26.3

Manual Integrations  
APPROVED

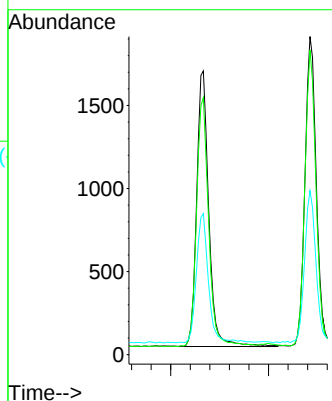
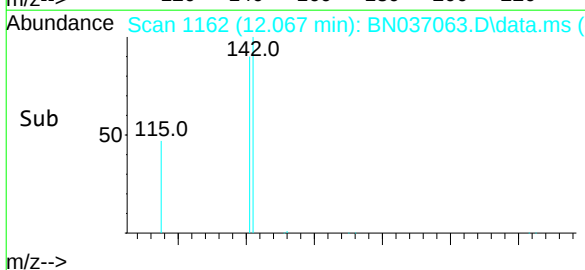
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025

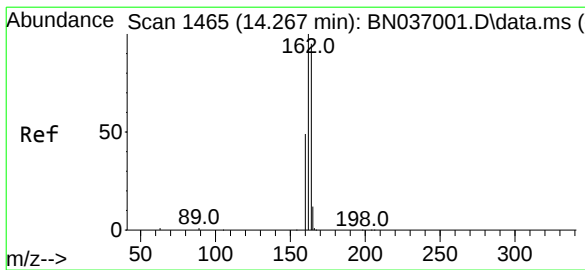


#12  
2-Methylnaphthalene  
Concen: 0.306 ng  
RT: 12.067 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30



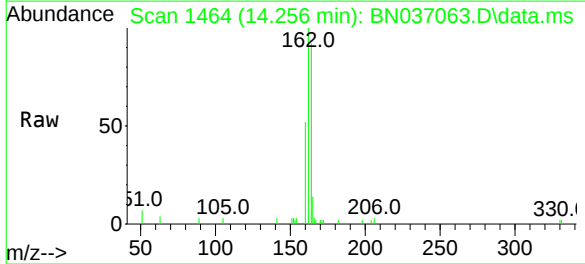
Tgt Ion:142 Resp: 2857  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.3 109.9  
115 49.7 38.4 57.6





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

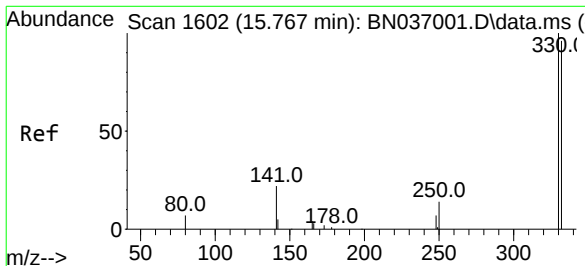
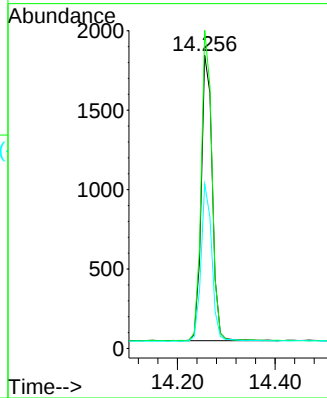
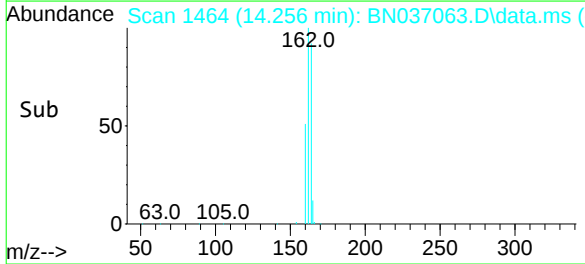
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



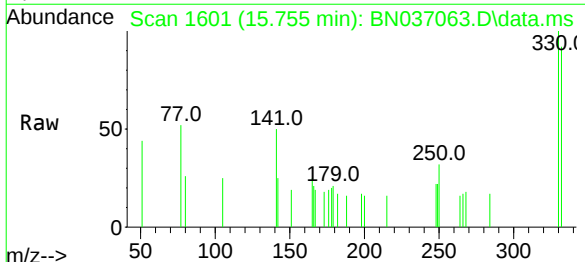
Tgt Ion:164 Resp: 2815  
Ion Ratio Lower Upper  
164 100  
162 108.5 84.2 126.4  
160 56.1 42.6 63.8

Manual Integrations  
APPROVED

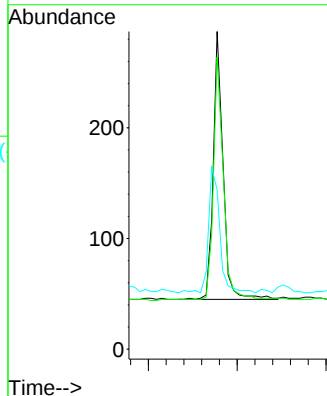
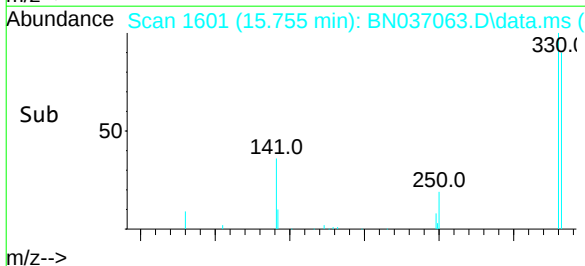
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025

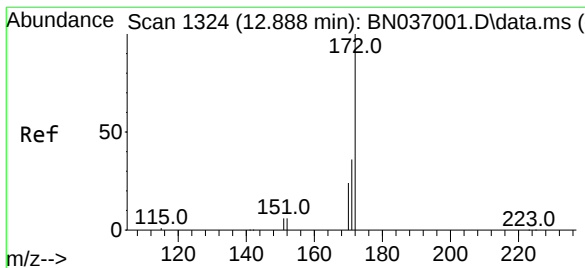


#14  
2,4,6-Tribromophenol  
Concen: 0.301 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30



Tgt Ion:330 Resp: 372  
Ion Ratio Lower Upper  
330 100  
332 90.9 73.8 110.8  
141 52.7 43.9 65.9





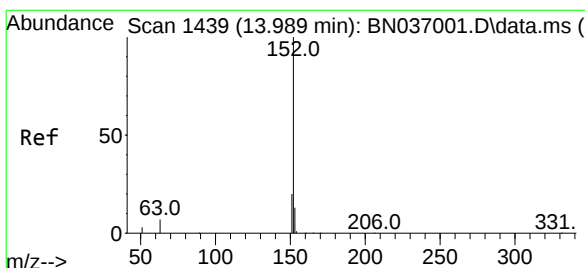
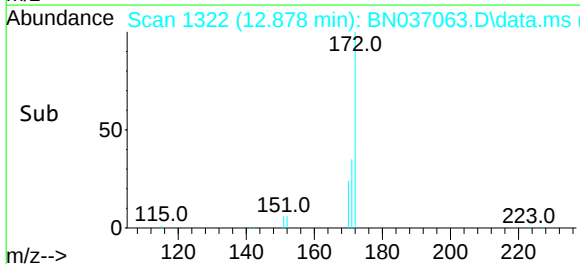
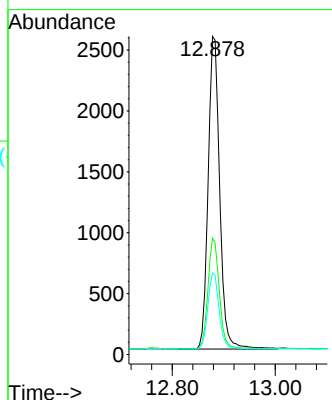
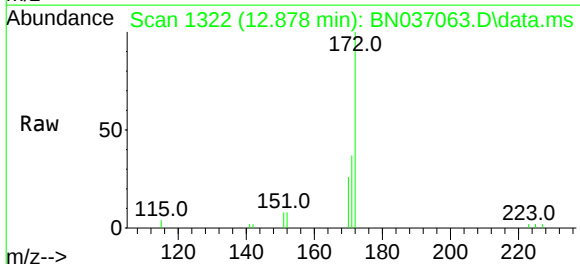
#15  
2-Fluorobiphenyl  
Concen: 0.311 ng  
RT: 12.878 min Scan# 1318  
Delta R.T. -0.010 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 29.2  | 43.8  |
| 170     | 25.7  | 20.5  | 30.7  |

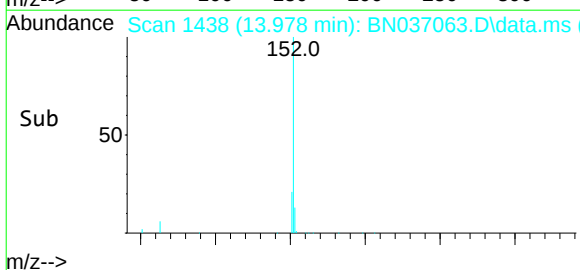
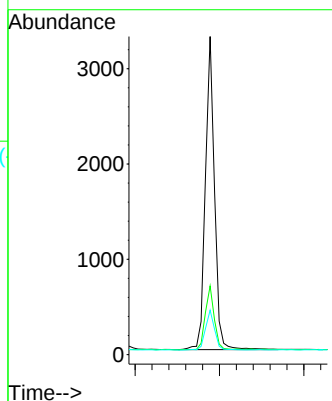
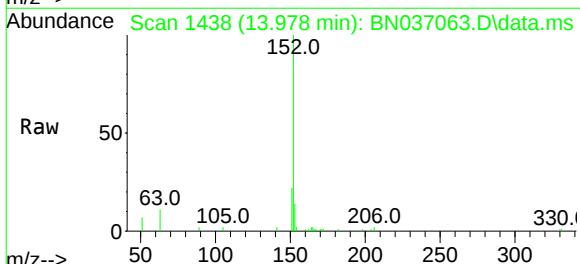
Manual Integrations  
APPROVED

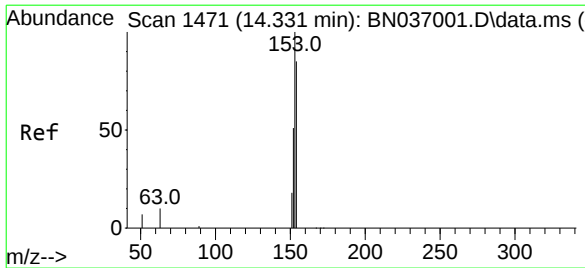
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#16  
Acenaphthylene  
Concen: 0.360 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 16.1  | 24.1  |
| 153     | 12.7  | 10.5  | 15.7  |





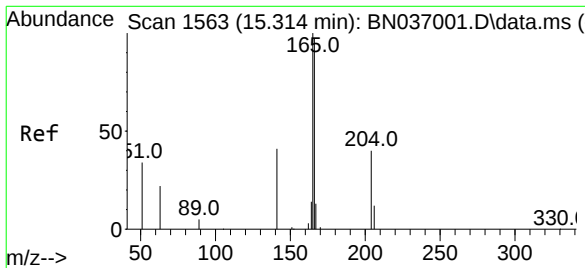
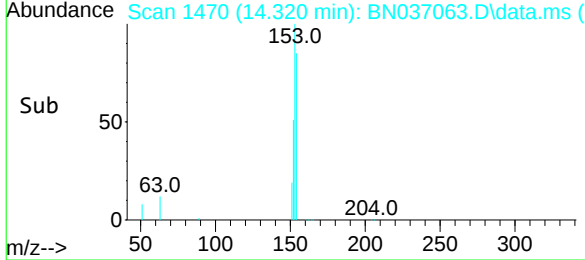
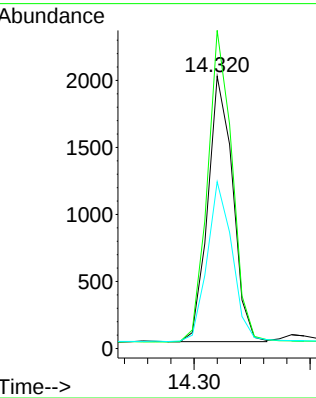
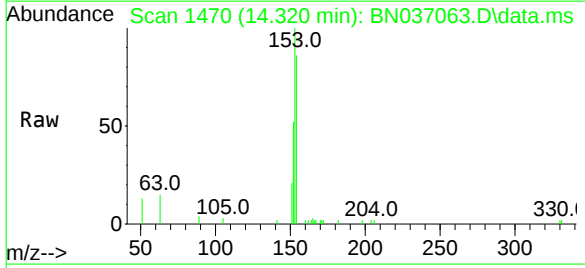
#17  
Acenaphthene  
Concen: 0.330 ng  
RT: 14.320 min Scan# 1470  
Delta R.T. -0.011 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 2952  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.9 | 94.2  | 141.4 |
| 152       | 61.9  | 49.4  | 74.0  |

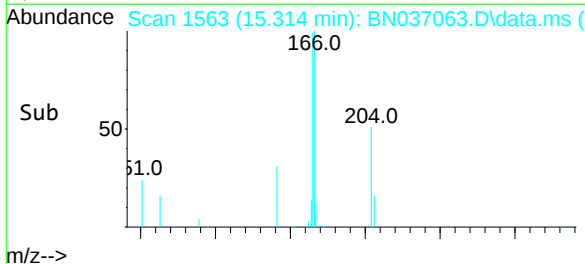
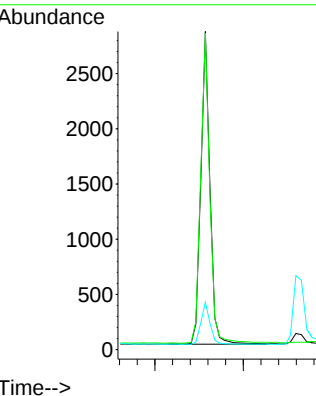
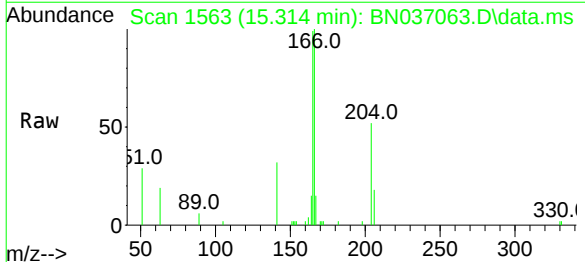
Manual Integrations  
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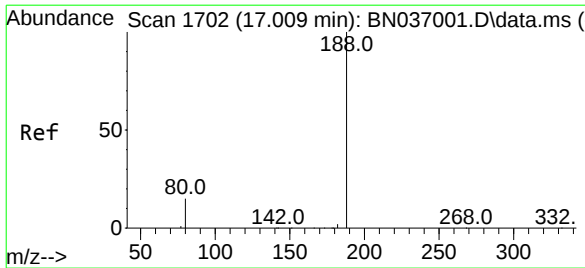
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#18  
Fluorene  
Concen: 0.343 ng  
RT: 15.314 min Scan# 1563  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 4027  |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 99.9  | 80.6  | 120.8 |
| 167       | 13.7  | 10.6  | 16.0  |





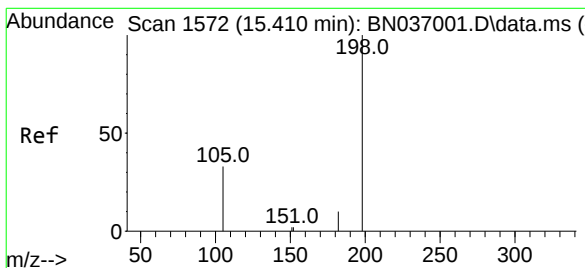
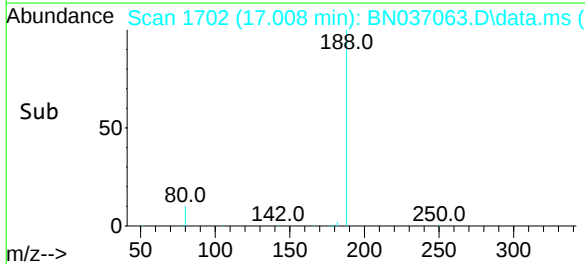
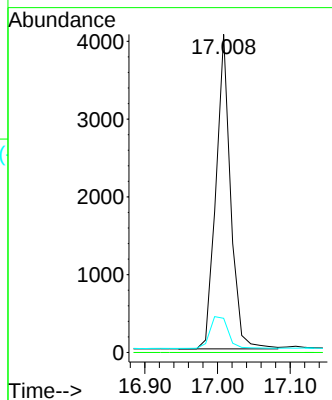
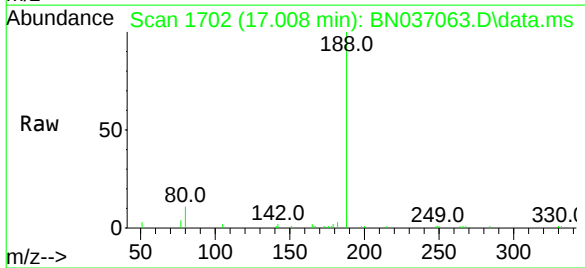
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.008 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 5670 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 10.7  | 13.4  | 20.0 |

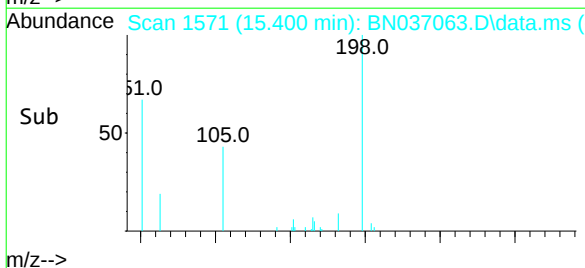
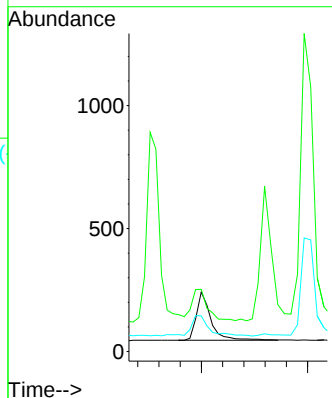
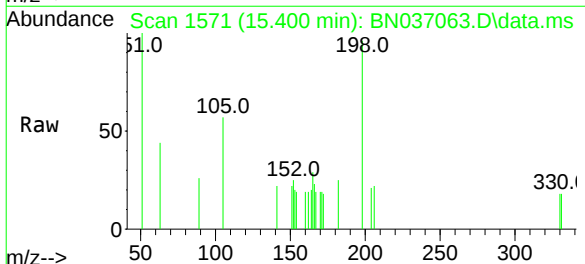
Manual Integrations  
APPROVED

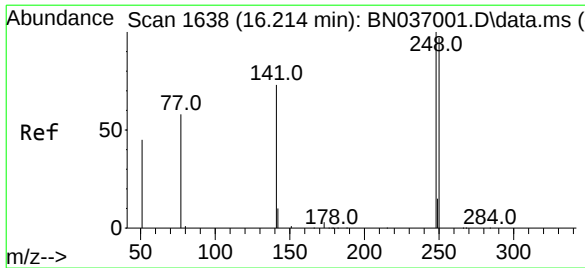
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.350 ng  
RT: 15.400 min Scan# 1571  
Delta R.T. -0.010 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 378   |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 104.5 | 87.8  | 131.6 |
| 105       | 59.9  | 44.2  | 66.4  |





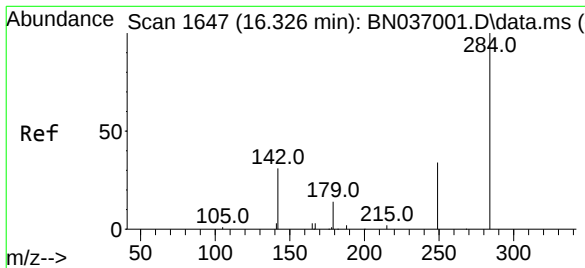
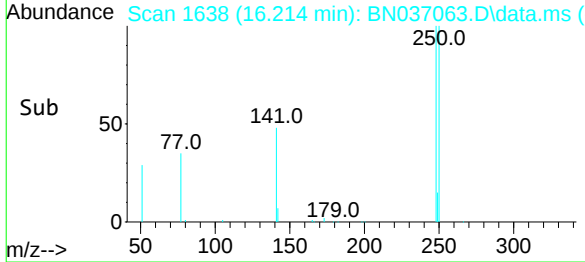
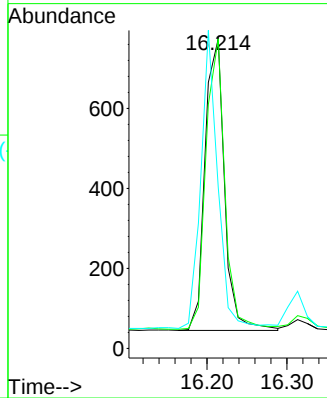
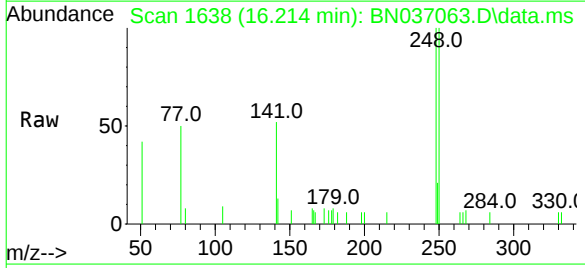
#21  
4-Bromophenyl-phenylether  
Concen: 0.344 ng  
RT: 16.214 min Scan# 1638  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS

Tgt Ion:248 Resp: 1233  
Ion Ratio Lower Upper  
248 100  
250 100.0 78.1 117.1  
141 52.1 59.7 89.5#

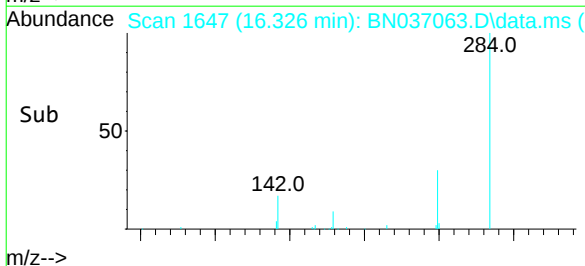
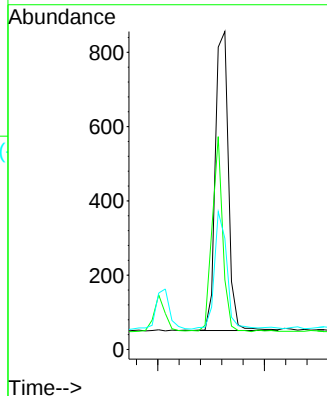
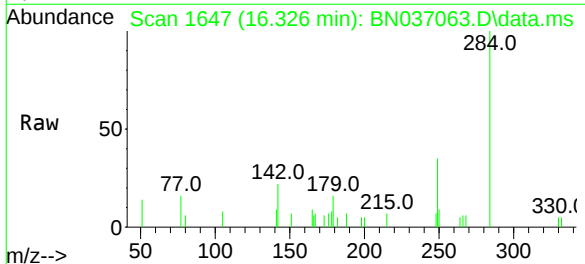
Manual Integrations  
APPROVED

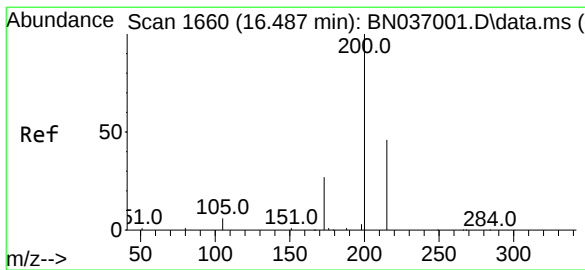
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#22  
Hexachlorobenzene  
Concen: 0.357 ng  
RT: 16.326 min Scan# 1647  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Tgt Ion:284 Resp: 1370  
Ion Ratio Lower Upper  
284 100  
142 53.1 41.2 61.8  
249 37.2 28.7 43.1





#23

Atrazine

Concen: 0.349 ng

RT: 16.487 min Scan# 16

Delta R.T. -0.000 min

Lab File: BN037063.D

Acq: 20 May 2025 02:30

Instrument :

BNA\_N

ClientSampleId :

PB168032BS

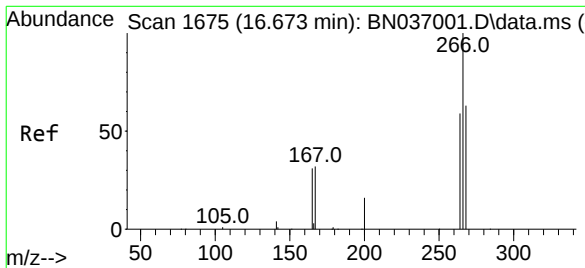
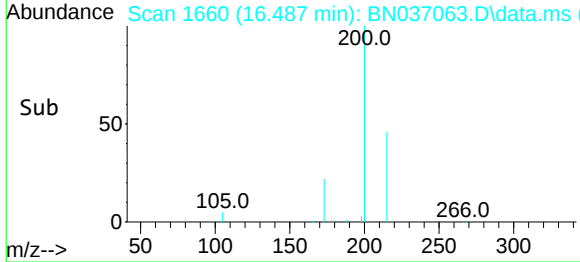
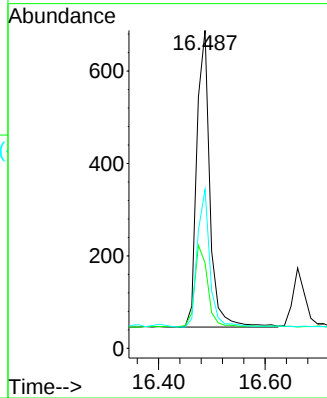
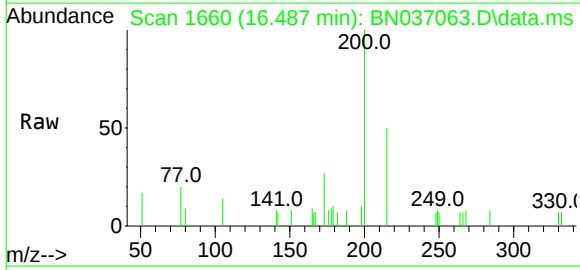
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:200 | Resp: | 1090  |
| Ion | Ratio   | Lower | Upper |
| 200 | 100     |       |       |
| 173 | 26.9    | 25.2  | 37.8  |
| 215 | 50.0    | 39.3  | 58.9  |

Manual Integrations

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Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#24

Pentachlorophenol

Concen: 0.485 ng

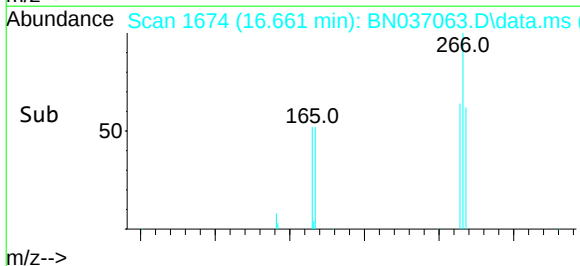
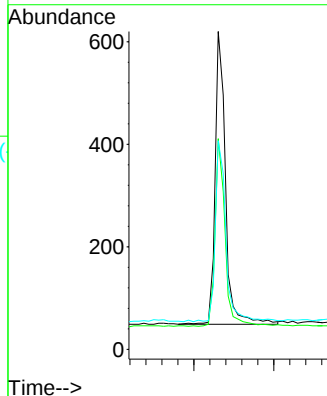
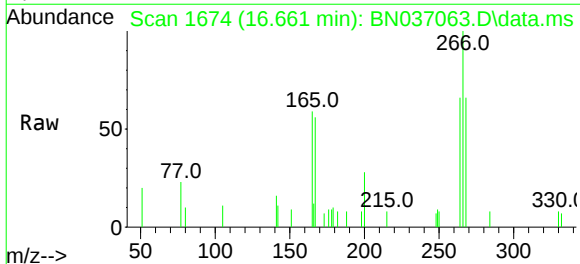
RT: 16.661 min Scan# 1674

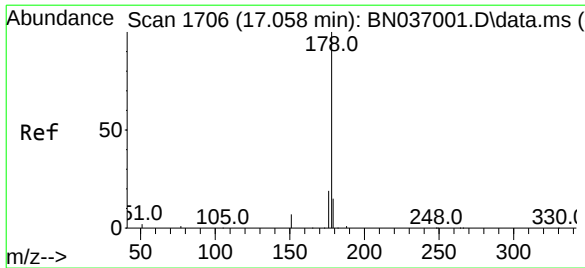
Delta R.T. -0.012 min

Lab File: BN037063.D

Acq: 20 May 2025 02:30

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:266 | Resp: | 1025  |
| Ion | Ratio   | Lower | Upper |
| 266 | 100     |       |       |
| 264 | 62.1    | 47.9  | 71.9  |
| 268 | 63.5    | 50.0  | 75.0  |





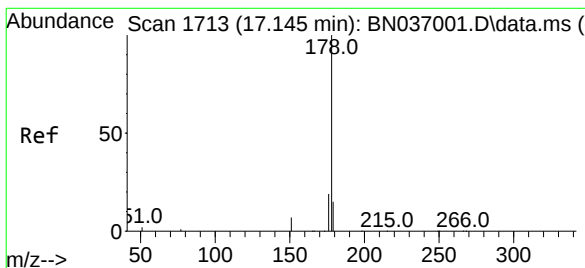
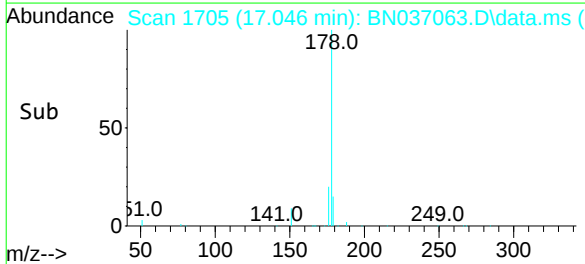
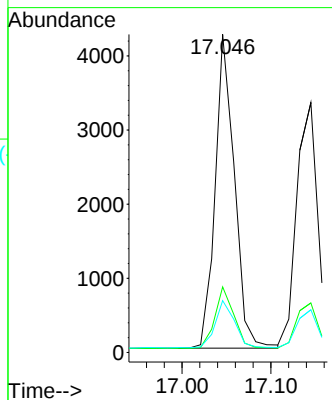
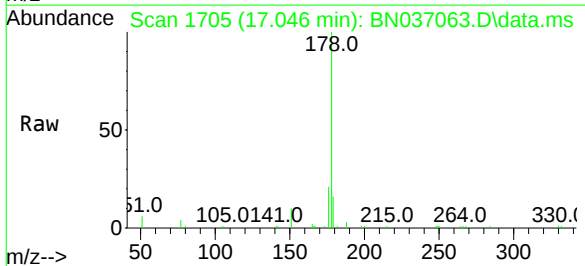
#25  
Phenanthrene  
Concen: 0.343 ng  
RT: 17.046 min Scan# 1705  
Delta R.T. -0.012 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument : BNA\_N  
ClientSampleId : PB168032BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 6364  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.6  | 15.7  | 23.5  |
| 179      | 15.4  | 12.2  | 18.2  |

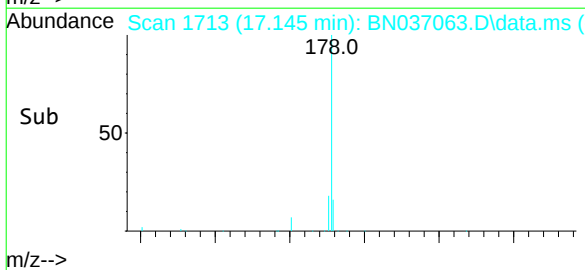
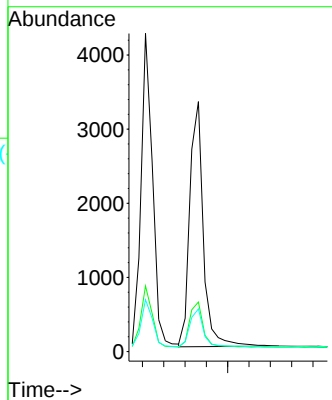
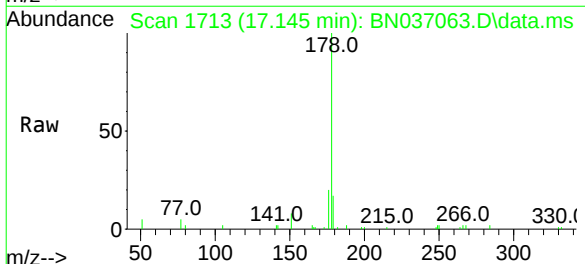
Manual Integrations  
APPROVED

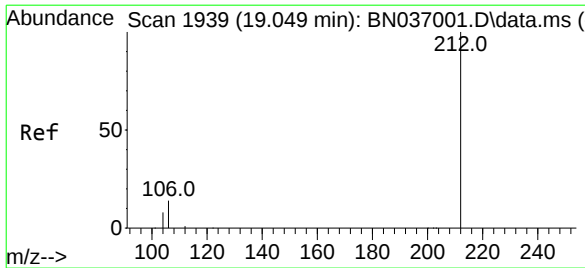
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#26  
Anthracene  
Concen: 0.347 ng  
RT: 17.145 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 5844  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.9  | 15.0  | 22.6  |
| 179      | 15.5  | 12.3  | 18.5  |





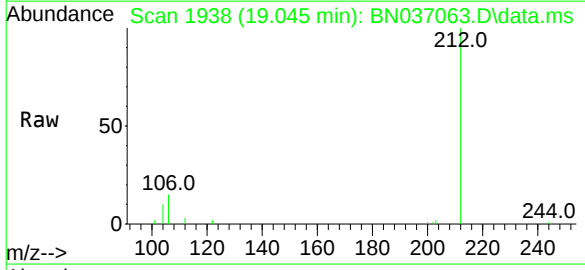
#27  
Fluoranthene-d10  
Concen: 0.329 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :

BNA\_N

ClientSampleId :

PB168032BS



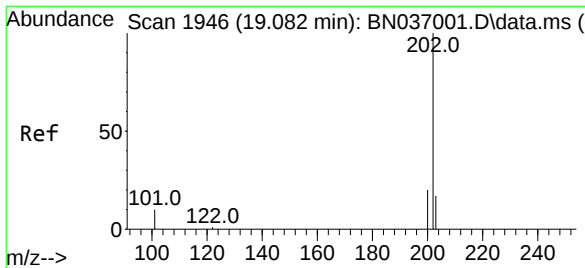
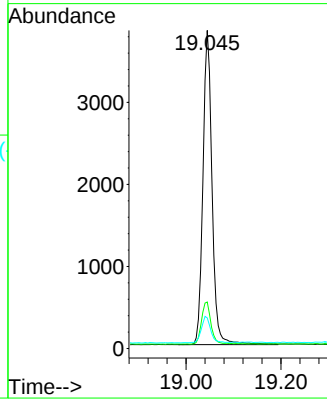
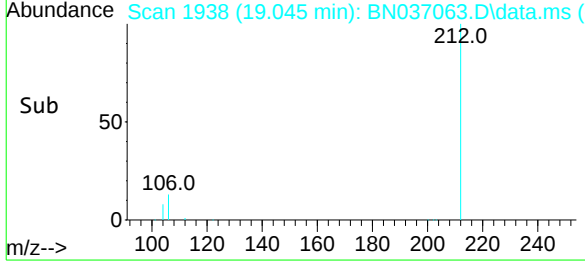
Tgt Ion:212 Resp: 5116  
Ion Ratio Lower Upper  
212 100  
106 13.9 11.3 16.9  
104 8.6 6.7 10.1

Manual Integrations

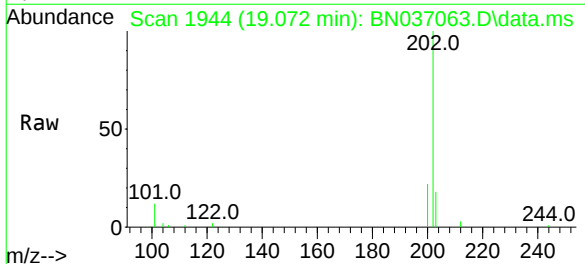
APPROVED

Reviewed By :Rahul Chavli 05/20/2025

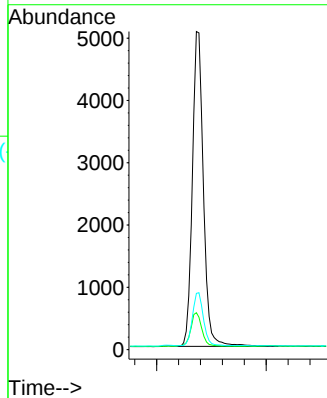
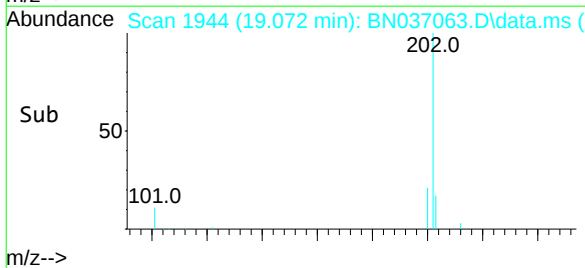
Supervised By :Jagrut Upadhyay 05/20/2025

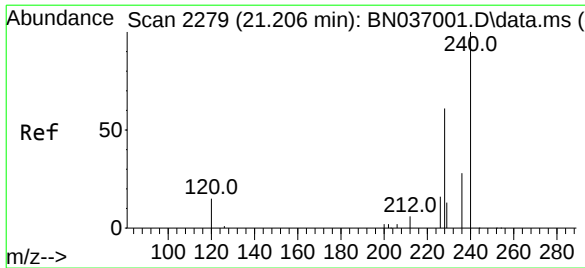


#28  
Fluoranthene  
Concen: 0.321 ng  
RT: 19.072 min Scan# 1944  
Delta R.T. -0.009 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30



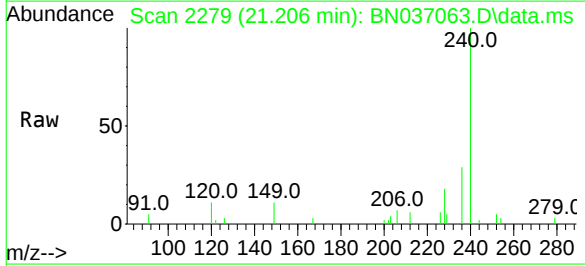
Tgt Ion:202 Resp: 7096  
Ion Ratio Lower Upper  
202 100  
101 10.9 8.9 13.3  
203 16.6 13.8 20.8





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

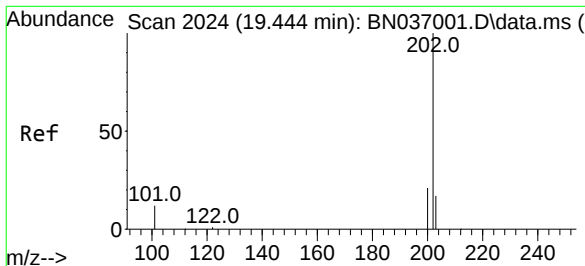
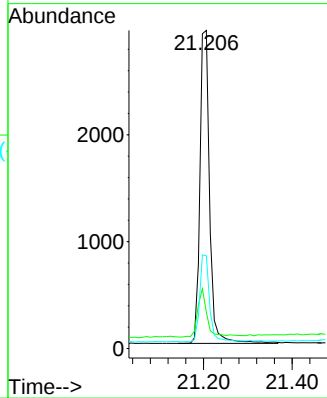
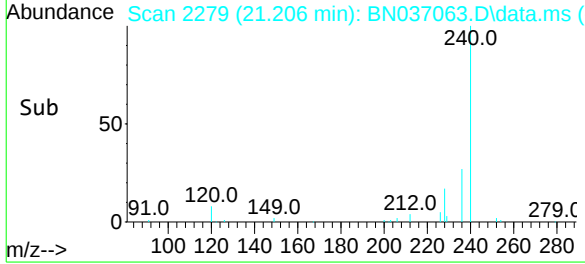
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



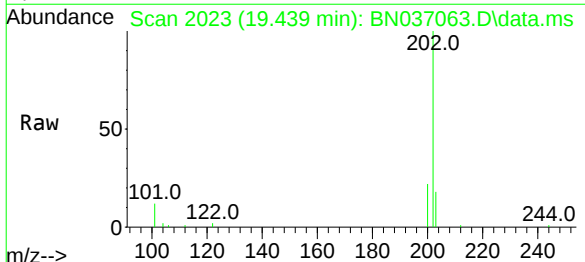
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 4453  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 11.5  | 15.1  | 22.7  |
| 236      | 29.2  | 24.0  | 36.0  |

Manual Integrations  
APPROVED

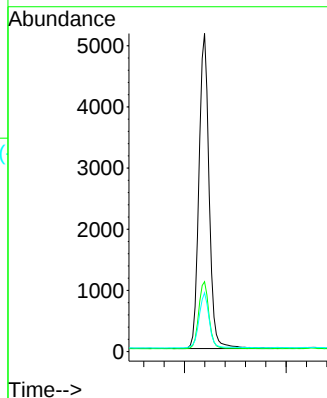
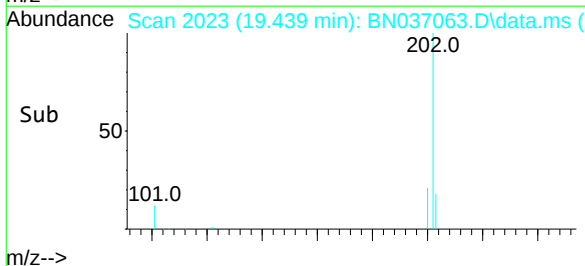
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025

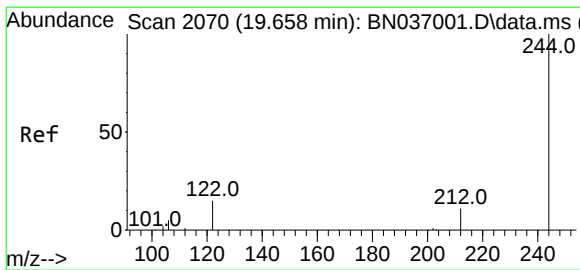


#30  
Pyrene  
Concen: 0.374 ng  
RT: 19.439 min Scan# 2023  
Delta R.T. -0.005 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30



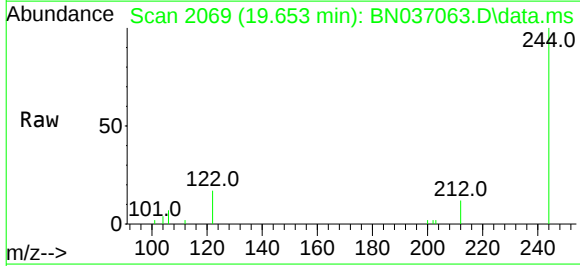
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 7132  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 21.3  | 17.1  | 25.7  |
| 203      | 17.2  | 14.2  | 21.4  |





#31  
 Terphenyl-d14  
 Concen: 0.385 ng  
 RT: 19.653 min Scan# 2069  
 Delta R.T. -0.005 min  
 Lab File: BN037063.D  
 Acq: 20 May 2025 02:30

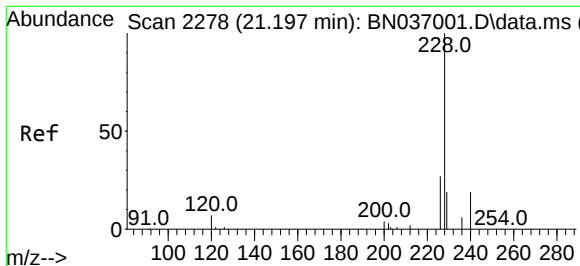
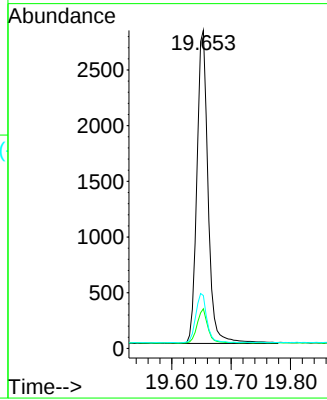
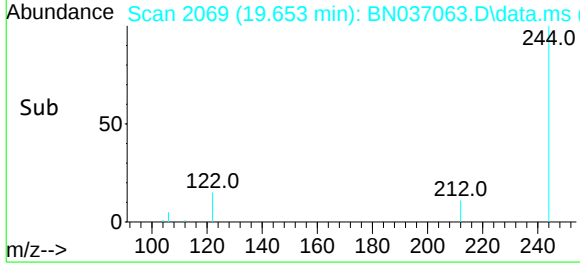
Instrument : BNA\_N  
 ClientSampleId : PB168032BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 3671  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 12.5  | 9.7   | 14.5  |
| 122      | 16.6  | 13.4  | 20.0  |

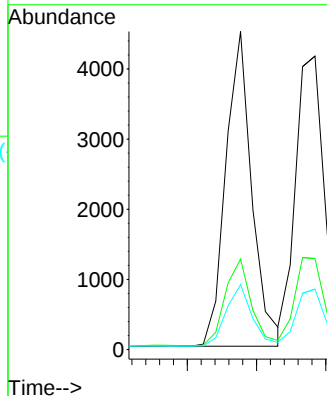
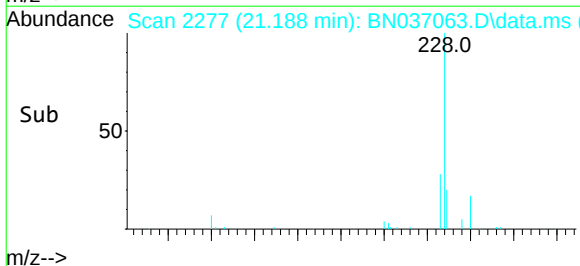
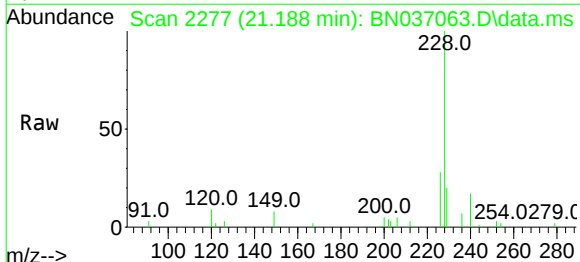
Manual Integrations  
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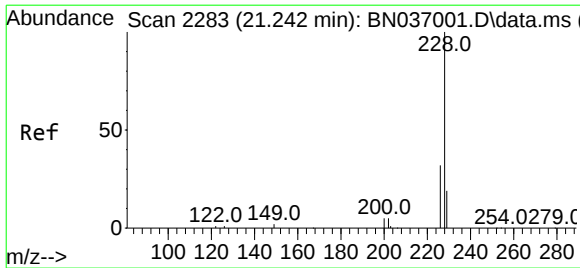
Reviewed By :Rahul Chavli 05/20/2025  
 Supervised By :Jagrut Upadhyay 05/20/2025



#32  
 Benzo(a)anthracene  
 Concen: 0.350 ng  
 RT: 21.188 min Scan# 2277  
 Delta R.T. -0.009 min  
 Lab File: BN037063.D  
 Acq: 20 May 2025 02:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 5875  |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 28.5  | 22.2  | 33.4  |
| 229      | 20.4  | 16.0  | 24.0  |





#33

Chrysene

Concen: 0.357 ng

RT: 21.242 min Scan# 22

Delta R.T. -0.000 min

Lab File: BN037063.D

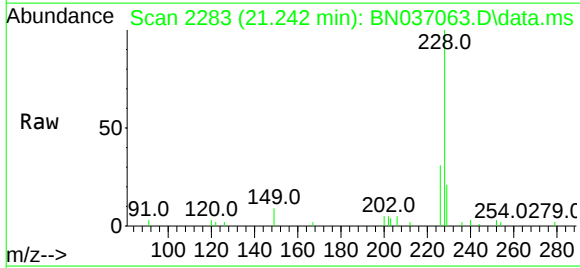
Acq: 20 May 2025 02:30

Instrument :

BNA\_N

ClientSampleId :

PB168032BS



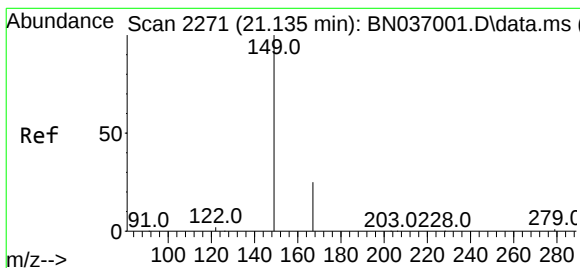
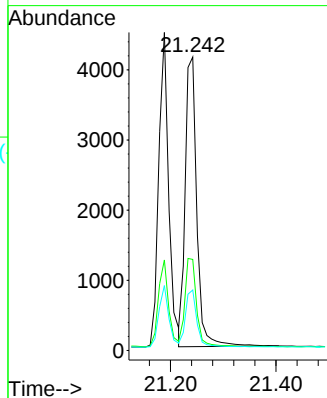
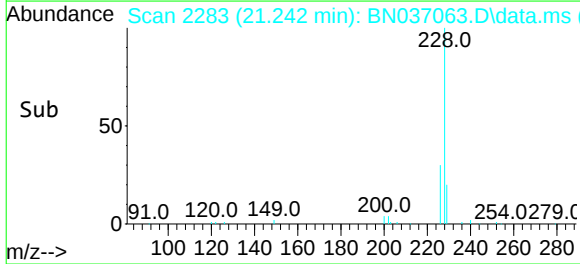
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:228 | Resp: | 6331  |
| Ion | Ratio   | Lower | Upper |
| 228 | 100     |       |       |
| 226 | 31.0    | 26.3  | 39.5  |
| 229 | 20.6    | 16.2  | 24.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

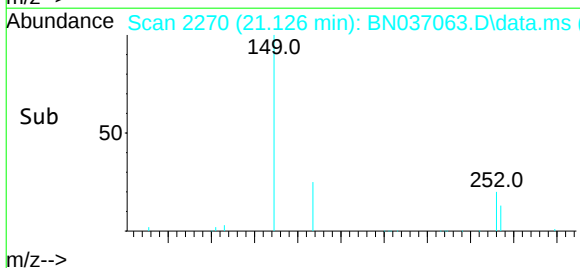
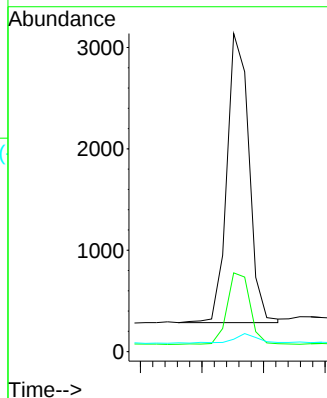
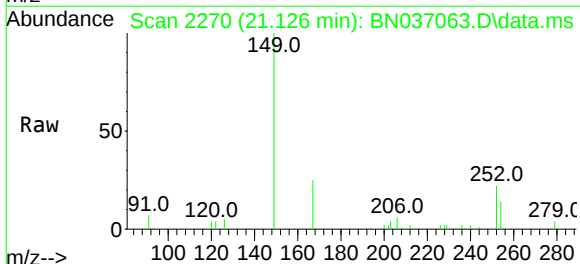
RT: 21.126 min Scan# 2270

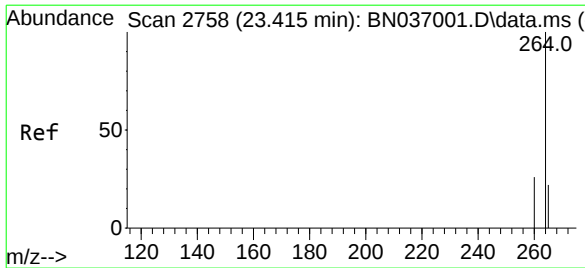
Delta R.T. -0.009 min

Lab File: BN037063.D

Acq: 20 May 2025 02:30

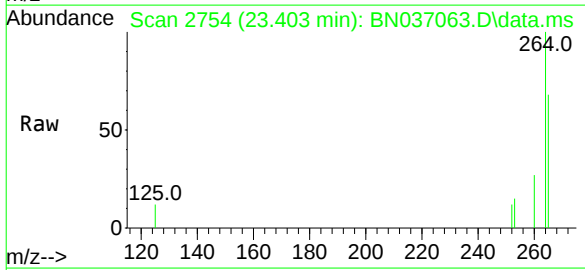
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:149 | Resp: | 3539  |
| Ion | Ratio   | Lower | Upper |
| 149 | 100     |       |       |
| 167 | 25.6    | 20.6  | 30.8  |
| 279 | 3.5     | 2.6   | 3.8   |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.403 min Scan# 2758  
Delta R.T. -0.012 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

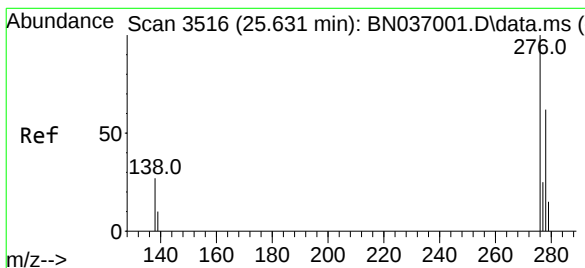
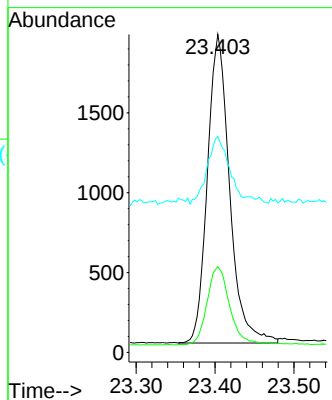
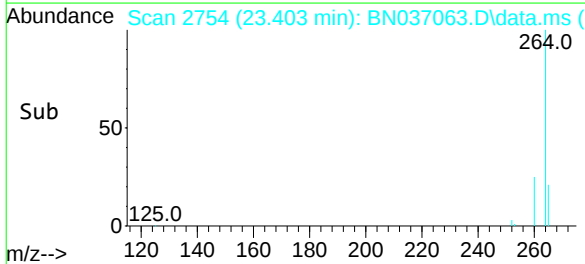
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 3773  |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 27.0  | 21.9  | 32.9  |
| 265      | 68.0  | 51.6  | 77.4  |

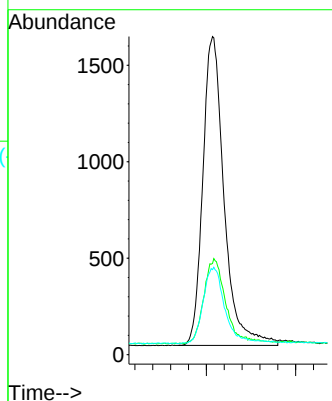
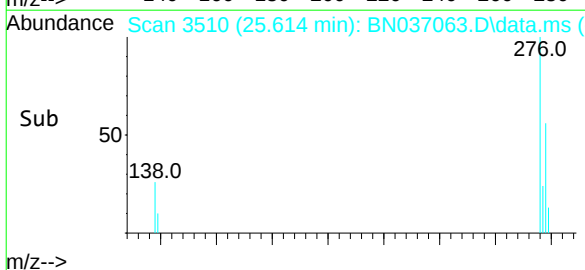
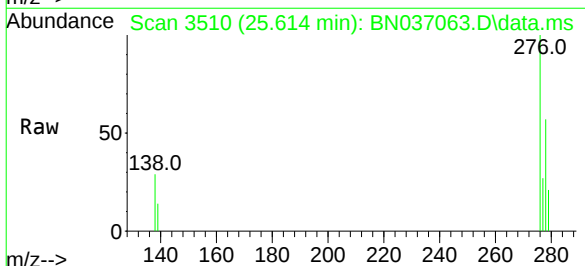
Manual Integrations  
APPROVED

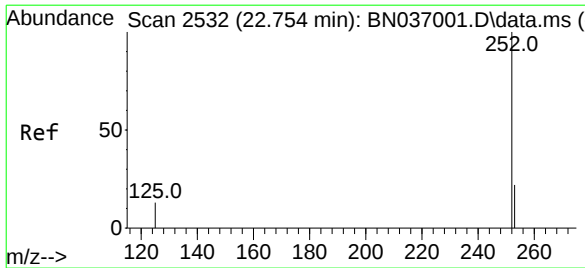
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.344 ng  
RT: 25.614 min Scan# 3510  
Delta R.T. -0.018 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

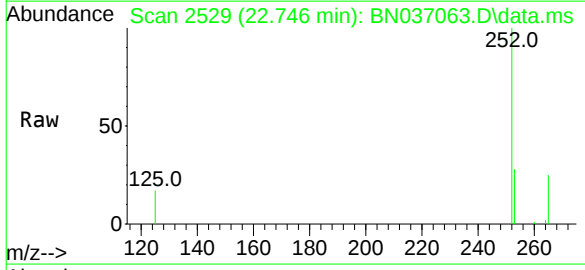
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 5303  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 138      | 28.0  | 22.7  | 34.1  |
| 277      | 24.3  | 20.0  | 30.0  |





#37  
Benzo(b)fluoranthene  
Concen: 0.345 ng  
RT: 22.746 min Scan# 2532  
Delta R.T. -0.009 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

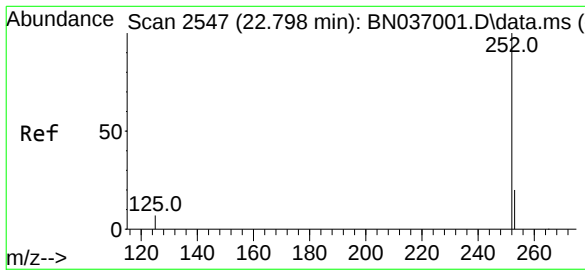
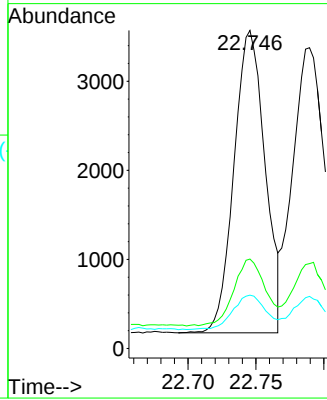
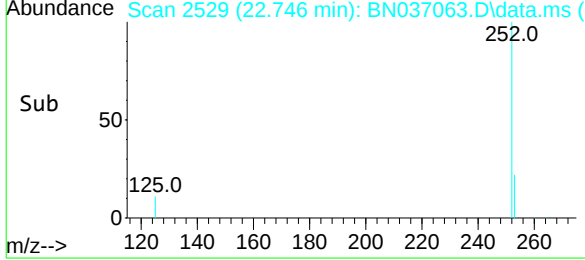
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 28.1 | 21.8  | 32.6  |       |
| 125 | 16.8 | 14.6  | 21.8  |       |

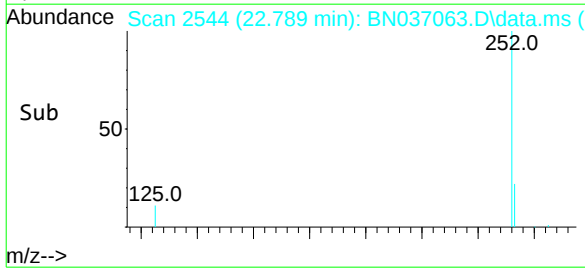
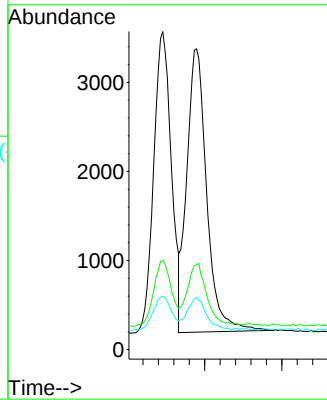
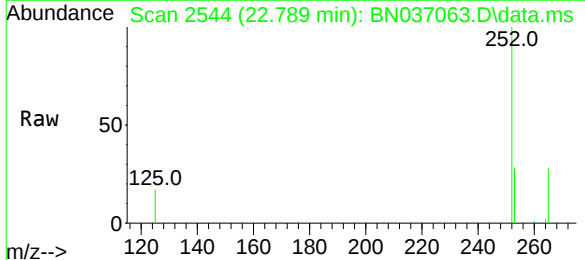
Manual Integrations  
APPROVED

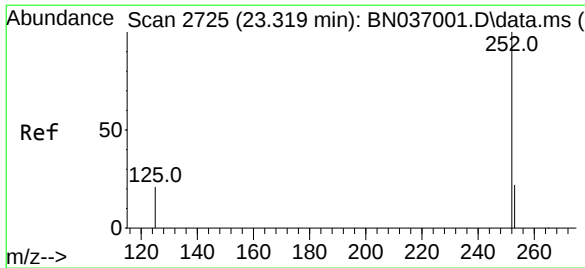
Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025



#38  
Benzo(k)fluoranthene  
Concen: 0.370 ng  
RT: 22.789 min Scan# 2544  
Delta R.T. -0.009 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 28.2 | 21.4  | 32.2  |       |
| 125 | 17.3 | 13.0  | 19.4  |       |





#39

Benzo(a)pyrene

Concen: 0.360 ng

RT: 23.307 min Scan# 27

Delta R.T. -0.012 min

Lab File: BN037063.D

Acq: 20 May 2025 02:30

Instrument :

BNA\_N

ClientSampleId :

PB168032BS

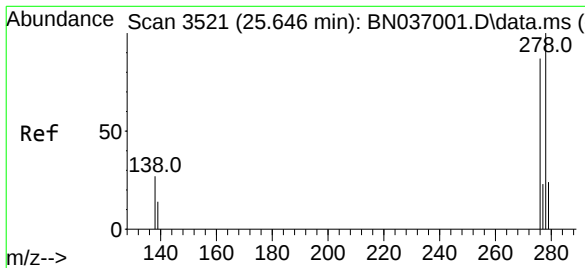
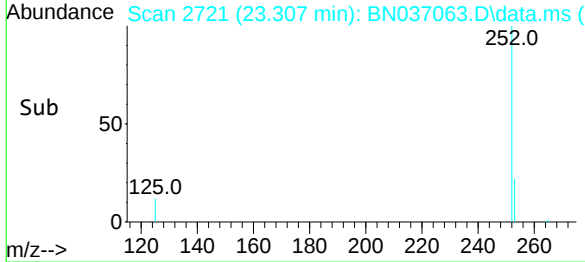
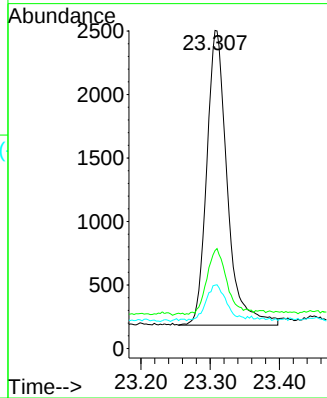
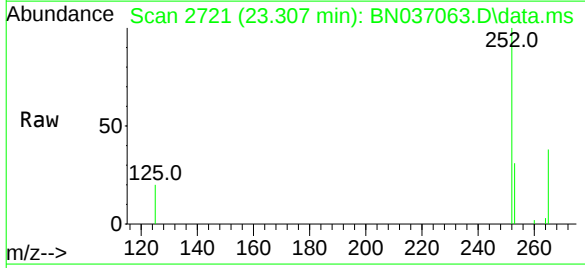
|     |       |       |       |      |
|-----|-------|-------|-------|------|
| Tgt | Ion   | 252   | Resp: | 4781 |
| Ion | Ratio | Lower | Upper |      |
| 252 | 100   |       |       |      |
| 253 | 30.8  | 23.8  | 35.6  |      |
| 125 | 19.9  | 21.8  | 32.6  |      |

Manual Integrations

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Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.345 ng

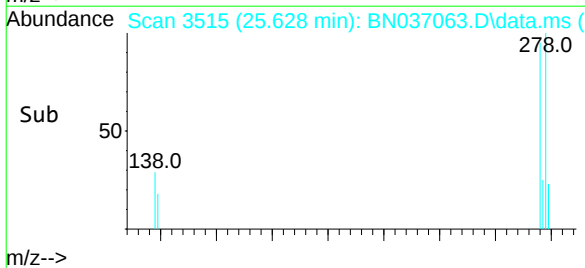
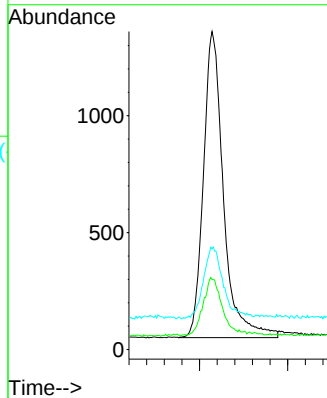
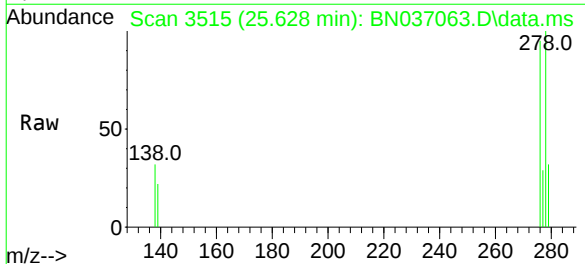
RT: 25.628 min Scan# 3515

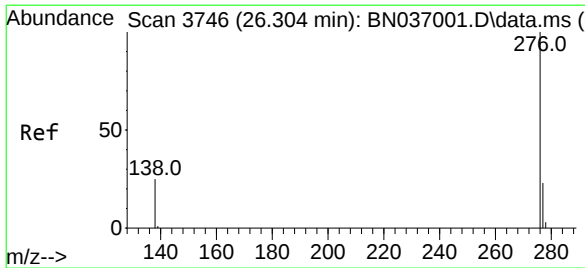
Delta R.T. -0.018 min

Lab File: BN037063.D

Acq: 20 May 2025 02:30

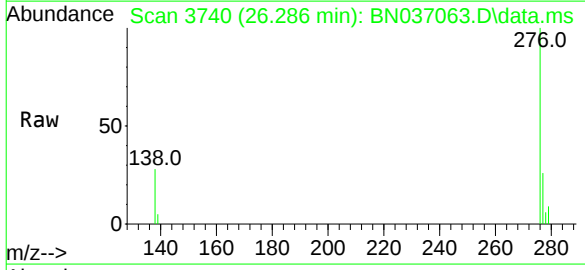
|     |       |       |       |      |
|-----|-------|-------|-------|------|
| Tgt | Ion   | 278   | Resp: | 4135 |
| Ion | Ratio | Lower | Upper |      |
| 278 | 100   |       |       |      |
| 139 | 22.0  | 17.4  | 26.0  |      |
| 279 | 31.7  | 24.6  | 37.0  |      |





Benzo(g,h,i)perylene  
Concen: 0.343 ng  
RT: 26.286 min Scan# 3740  
Delta R.T. -0.018 min  
Lab File: BN037063.D  
Acq: 20 May 2025 02:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BS



|     |       |       |       |      |
|-----|-------|-------|-------|------|
| Tgt | Ion   | 276   | Resp: | 4472 |
| Ion | Ratio | Lower | Upper |      |
| 276 | 100   |       |       |      |
| 277 | 26.4  | 20.2  | 30.4  |      |
| 138 | 27.8  | 22.0  | 33.0  |      |

Manual Integrations  
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Reviewed By :Rahul Chavli 05/20/2025  
Supervised By :Jagrut Upadhyay 05/20/2025

