

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060525\  
 Data File : BN037182.D  
 Acq On : 05 Jun 2025 16:21  
 Operator : RC/JU  
 Sample : PB168286BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168286BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025  
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 17:01:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN060325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 04 01:52:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.589  | 152  | 2072     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.372 | 136  | 5107     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.235 | 164  | 2443     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.984 | 188  | 4074     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.189 | 240  | 2362     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.377 | 264  | 2229     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.192  | 112  | 1880     | 0.367 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.773  | 99   | 2231     | 0.359 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.739  | 82   | 1885     | 0.350 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.965 | 152  | 2741m    | 0.386 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.743 | 330  | 300      | 0.305 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.858 | 172  | 3936     | 0.378 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.026 | 212  | 3150     | 0.304 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.635 | 244  | 2031     | 0.365 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.119  | 88   | 1103     | 0.399 | ng    | # 23     |
| 3) n-Nitrosodimethylamine     | 3.429  | 42   | 2040     | 0.368 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.026  | 93   | 2012     | 0.340 | ng    | 95       |
| 9) Naphthalene                | 10.415 | 128  | 4997     | 0.339 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.714 | 225  | 1165     | 0.363 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.042 | 142  | 2842     | 0.301 | ng    | 98       |
| 16) Acenaphthylene            | 13.957 | 152  | 4682     | 0.391 | ng    | 100      |
| 17) Acenaphthene              | 14.299 | 154  | 2768     | 0.356 | ng    | 99       |
| 18) Fluorene                  | 15.293 | 166  | 3450     | 0.337 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.389 | 198  | 298      | 0.524 | ng    | # 67     |
| 21) 4-Bromophenyl-phenylether | 16.189 | 248  | 963      | 0.361 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.301 | 284  | 1084     | 0.376 | ng    | 98       |
| 23) Atrazine                  | 16.462 | 200  | 769      | 0.349 | ng    | 99       |
| 24) Pentachlorophenol         | 16.649 | 266  | 556      | 0.537 | ng    | 99       |
| 25) Phenanthrene              | 17.033 | 178  | 4685     | 0.355 | ng    | 99       |
| 26) Anthracene                | 17.120 | 178  | 4323     | 0.359 | ng    | 99       |
| 28) Fluoranthene              | 19.054 | 202  | 4321     | 0.296 | ng    | 99       |
| 30) Pyrene                    | 19.421 | 202  | 4321     | 0.375 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.171 | 228  | 3133     | 0.366 | ng    | 98       |
| 33) Chrysene                  | 21.224 | 228  | 3555     | 0.373 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.117 | 149  | 1853     | 0.343 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.579 | 276  | 3777     | 0.426 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.725 | 252  | 3171     | 0.352 | ng    | 92       |
| 38) Benzo(k)fluoranthene      | 22.769 | 252  | 3407     | 0.371 | ng    | 93       |
| 39) Benzo(a)pyrene            | 23.284 | 252  | 2920     | 0.387 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.590 | 278  | 2933     | 0.429 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.248 | 276  | 3292     | 0.419 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

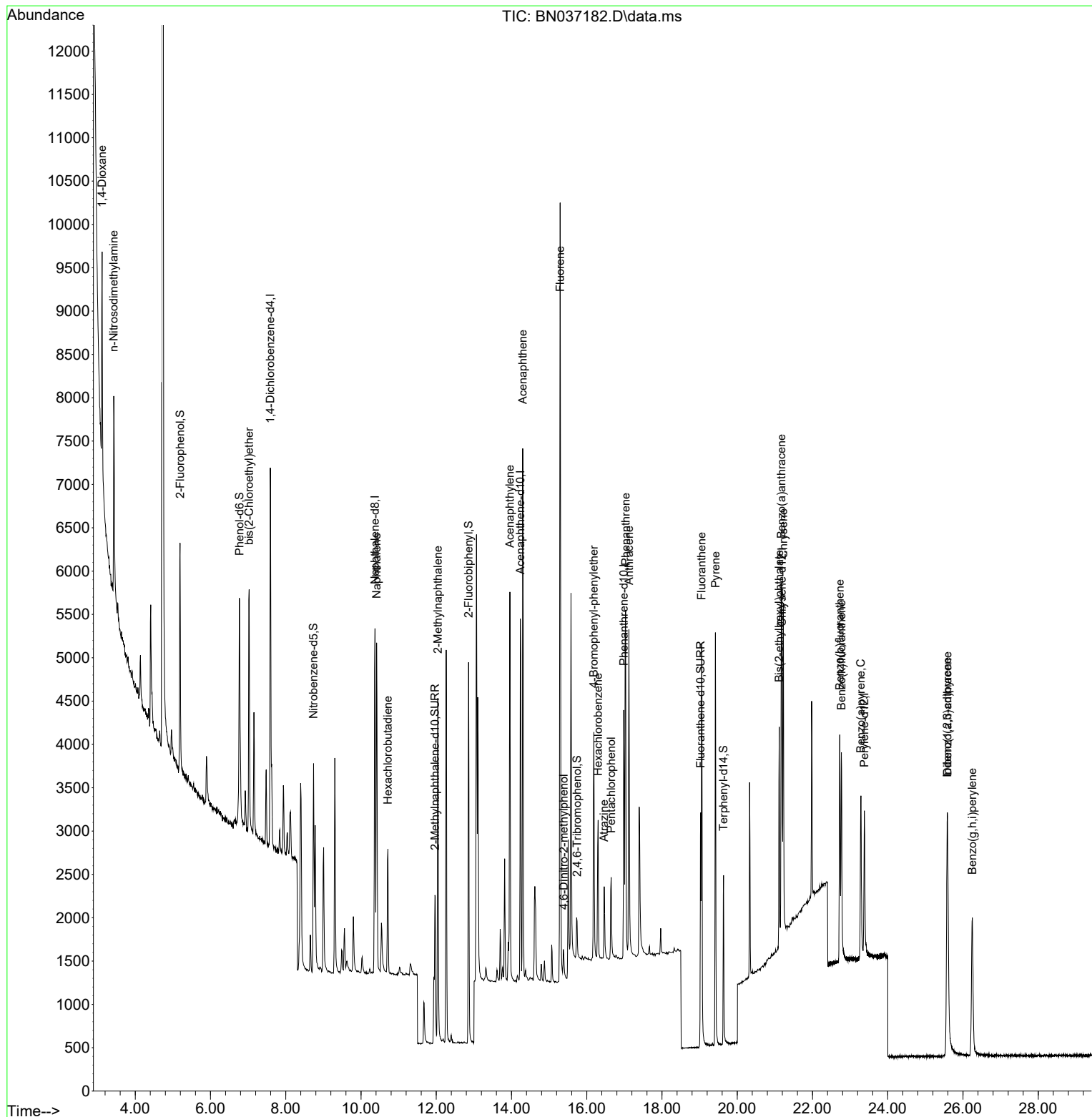
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060525\  
Data File : BN037182.D  
Acq On : 05 Jun 2025 16:21  
Operator : RC/JU  
Sample : PB168286BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 17:01:40 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN060325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 04 01:52:03 2025  
Response via : Initial Calibration





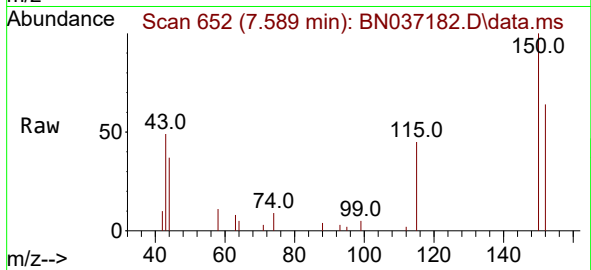
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.589 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS



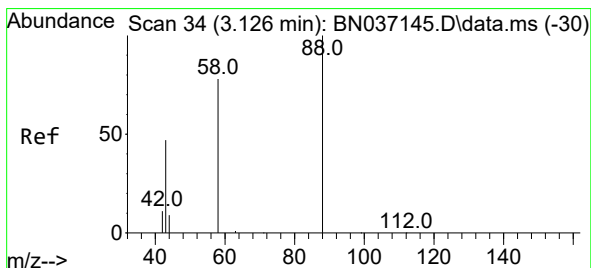
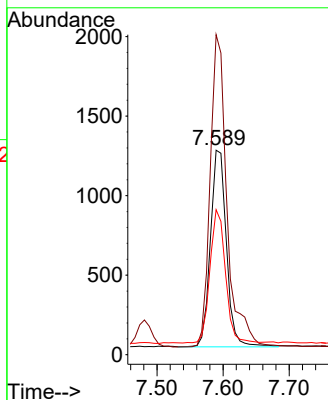
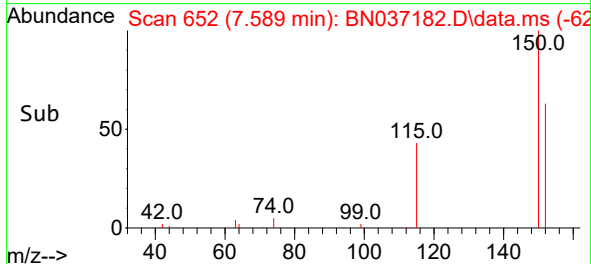
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 Ion Ratio Lower Upper  
 152 100  
 150 156.5 123.2 184.8  
 115 70.9 56.6 85.0

Manual Integrations

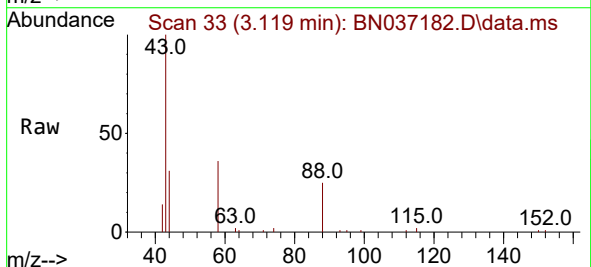
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

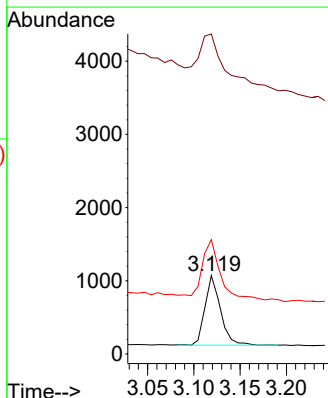
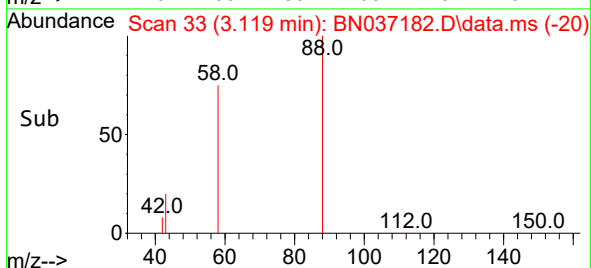
Supervised By :Jagrut Upadhyay 06/06/2025

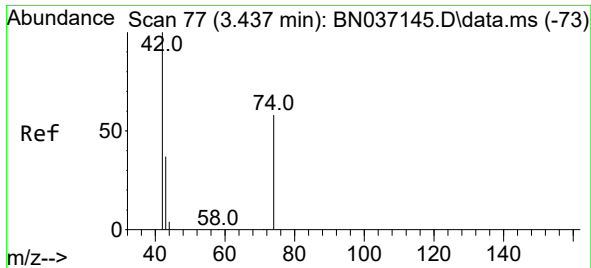


#2  
 1,4-Dioxane  
 Concen: 0.399 ng  
 RT: 3.119 min Scan# 33  
 Delta R.T. -0.007 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21



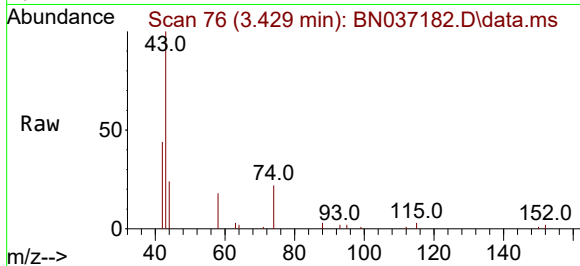
Tgt Ion: 88 Resp: 1103  
 Ion Ratio Lower Upper  
 88 100  
 43 154.5 43.5 65.3#  
 58 118.1 67.7 101.5#





#3  
n-Nitrosodimethylamine  
Concen: 0.368 ng  
RT: 3.429 min Scan# 70  
Delta R.T. -0.007 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

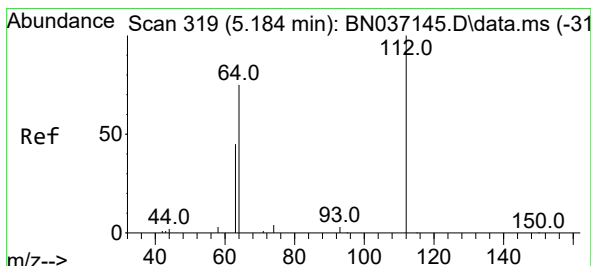
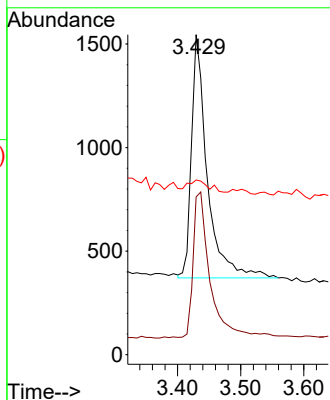
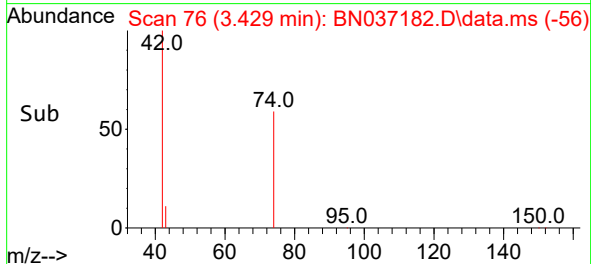
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



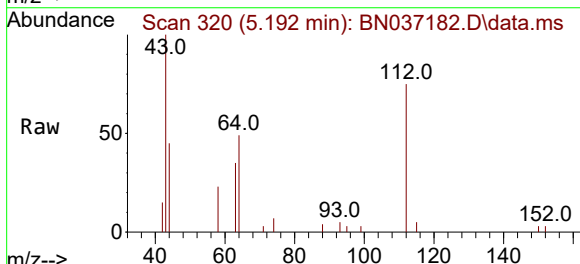
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Ion Ratio Lower Upper  
42 100  
74 65.3 53.0 79.4  
44 6.2 5.9 8.9

Manual Integrations  
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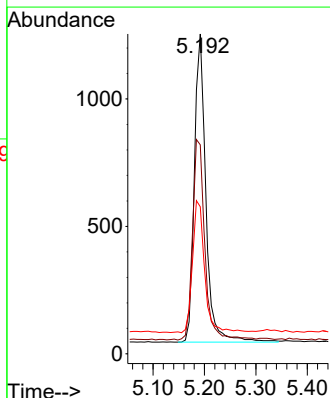
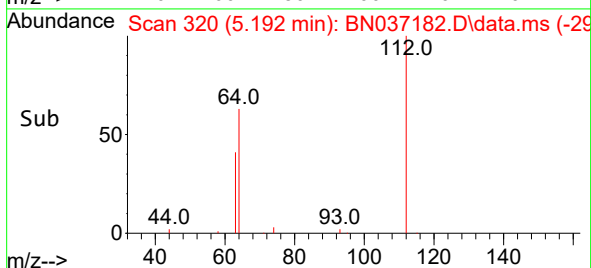
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

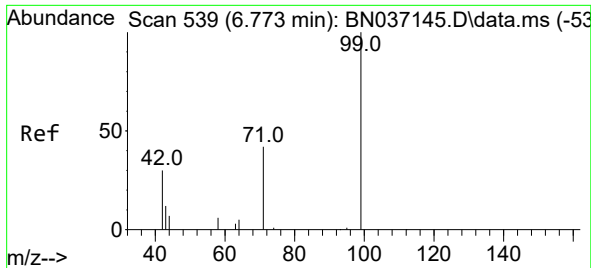


#4  
2-Fluorophenol  
Concen: 0.367 ng  
RT: 5.192 min Scan# 320  
Delta R.T. 0.007 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:112 Resp: 1880  
Ion Ratio Lower Upper  
112 100  
64 68.9 56.3 84.5  
63 44.3 36.2 54.4





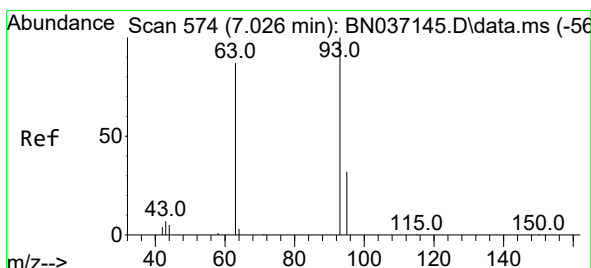
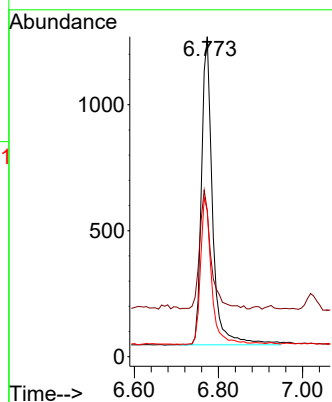
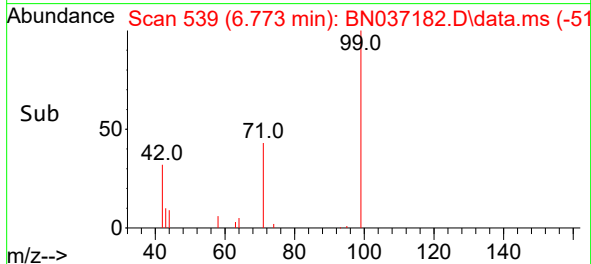
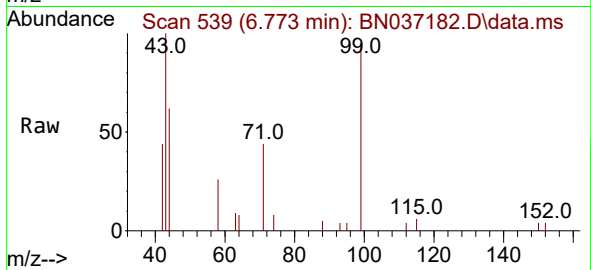
#5  
Phenol-d6  
Concen: 0.359 ng  
RT: 6.773 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS

Tgt Ion: 99 Resp: 223  
Ion Ratio Lower Upper  
99 100  
42 39.5 31.3 46.9  
71 46.8 38.2 57.2

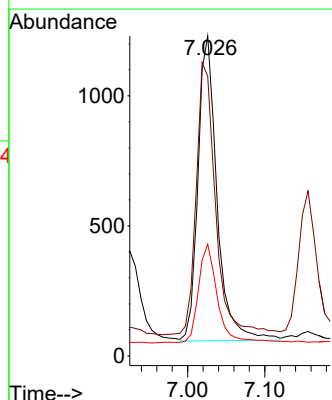
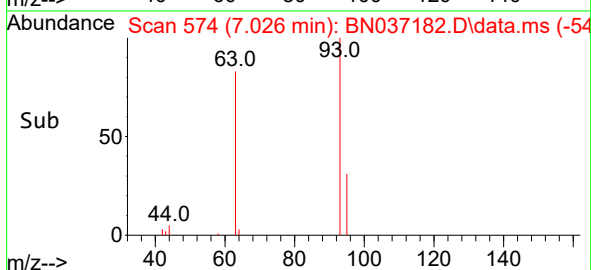
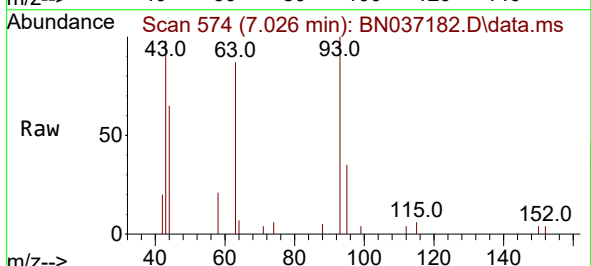
Manual Integrations  
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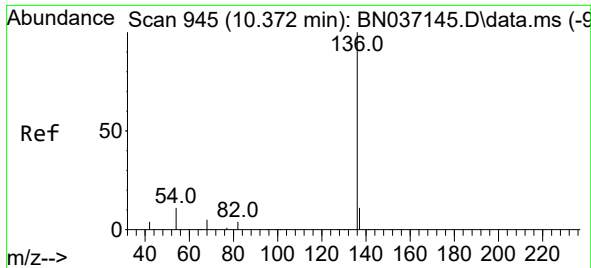
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.340 ng  
RT: 7.026 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

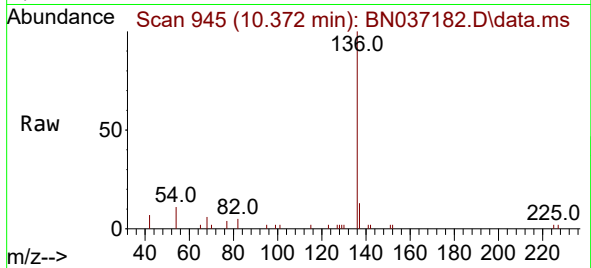
Tgt Ion: 93 Resp: 2012  
Ion Ratio Lower Upper  
93 100  
63 90.7 68.6 103.0  
95 32.8 24.3 36.5





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.372 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

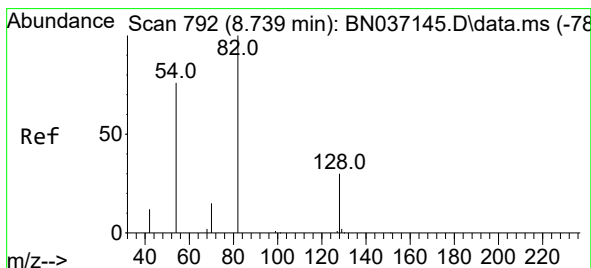
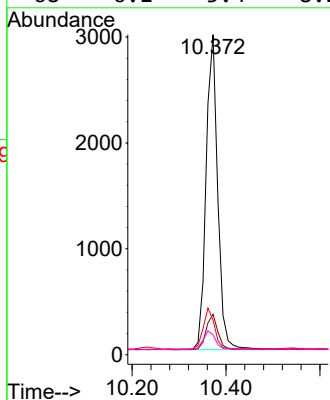
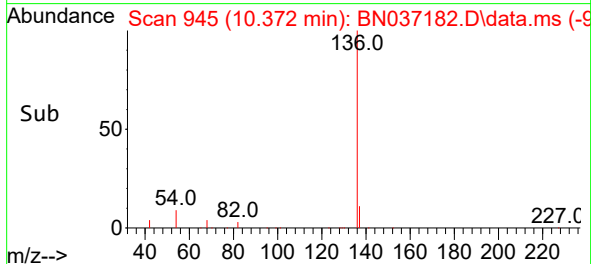
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 510   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.6  | 9.7   | 14.5  |
| 54       | 10.8  | 9.7   | 14.5  |
| 68       | 6.1   | 5.4   | 8.2   |

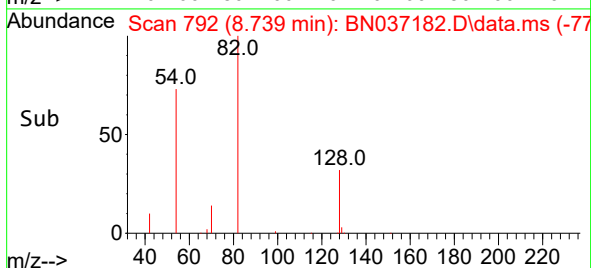
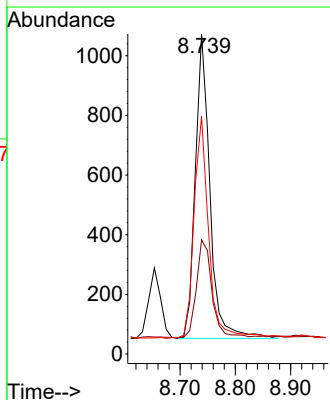
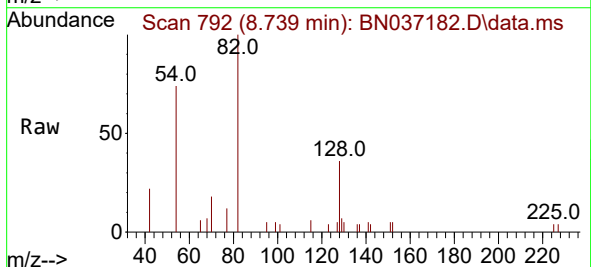
Manual Integrations  
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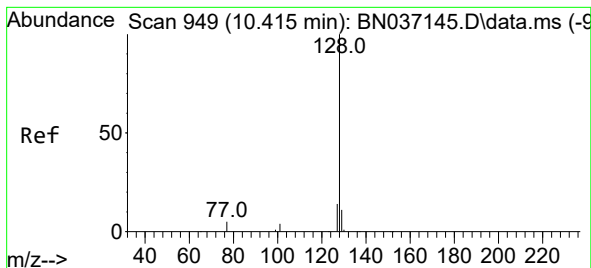
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025



#8  
Nitrobenzene-d5  
Concen: 0.350 ng  
RT: 8.739 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1885  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 35.7  | 26.9  | 40.3  |
| 54       | 74.2  | 61.4  | 92.2  |





#9

Naphthalene

Concen: 0.339 ng

RT: 10.415 min Scan# 949

Delta R.T. -0.000 min

Lab File: BN037182.D

Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS

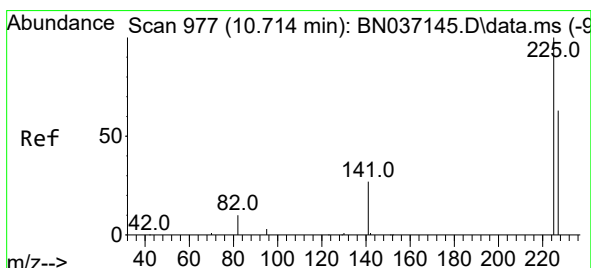
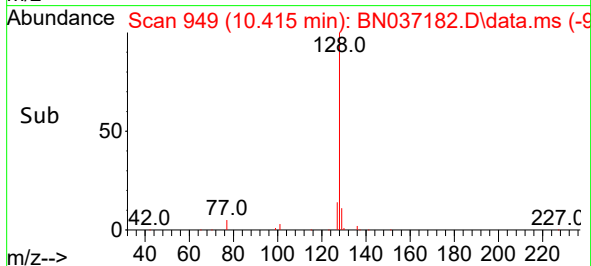
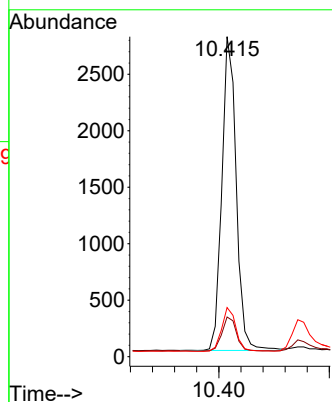
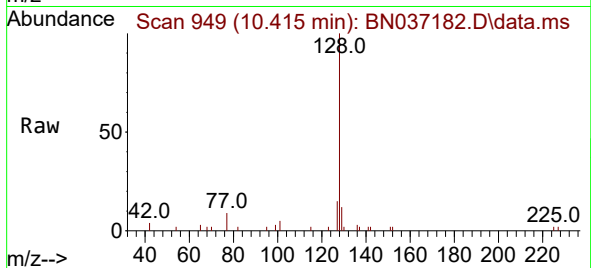
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 499  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 12.4  | 9.8   | 14.8 |
| 127       | 15.4  | 12.3  | 18.5 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#10

Hexachlorobutadiene

Concen: 0.363 ng

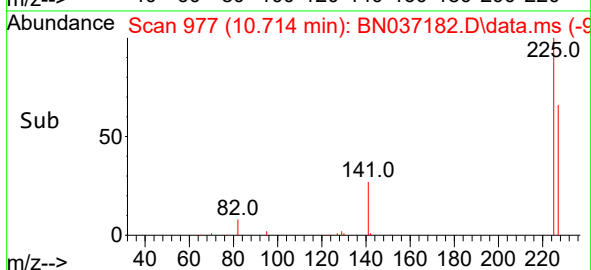
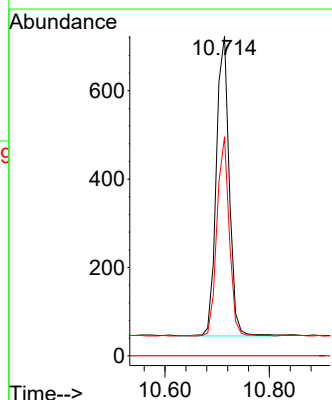
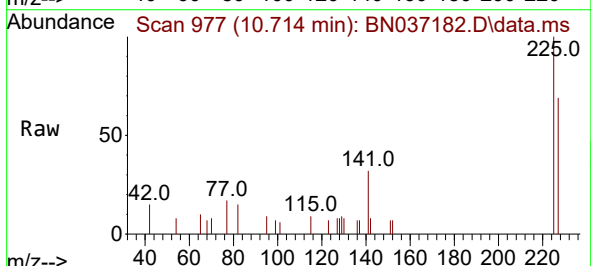
RT: 10.714 min Scan# 977

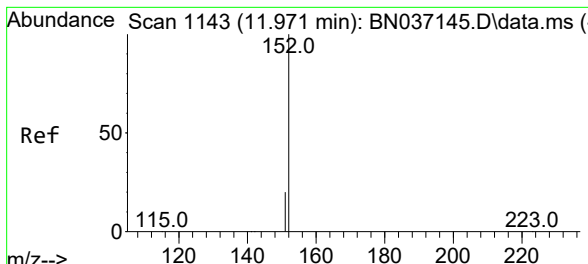
Delta R.T. -0.000 min

Lab File: BN037182.D

Acq: 05 Jun 2025 16:21

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 1165 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 62.8  | 50.3  | 75.5 |





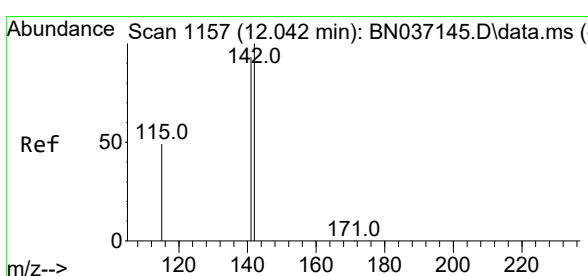
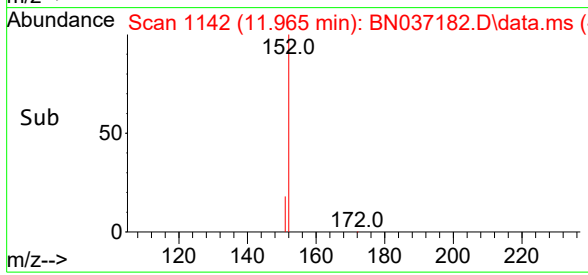
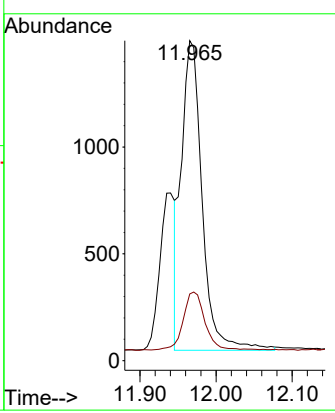
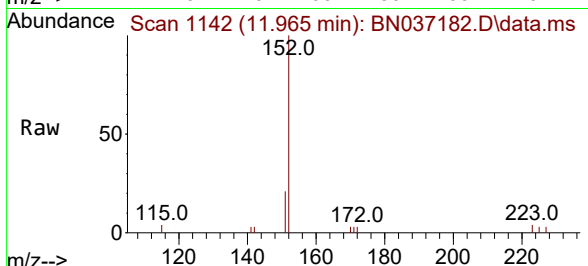
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 2-Methylnaphthalene-d10  
 Concen: 0.386 ng m  
 RT: 11.965 min Scan# 1142  
 Delta R.T. -0.005 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Instrument : BNA\_N  
 ClientSampleId : PB168286BS

Tgt Ion:152 Resp: 274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.7  | 17.1  | 25.7  |

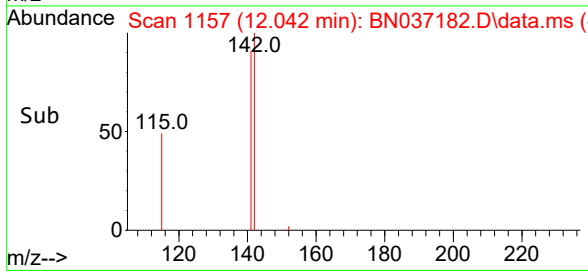
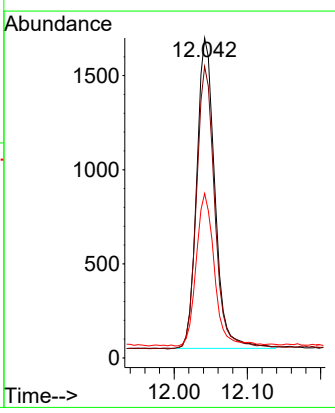
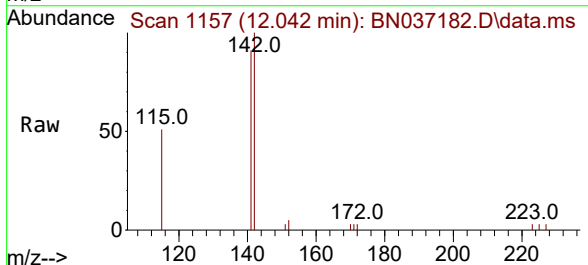
Manual Integrations  
**APPROVED**  
 Reviewed By :Rahul Chavli 06/06/2025  
 Supervised By :Jagrut Upadhyay 06/06/2025

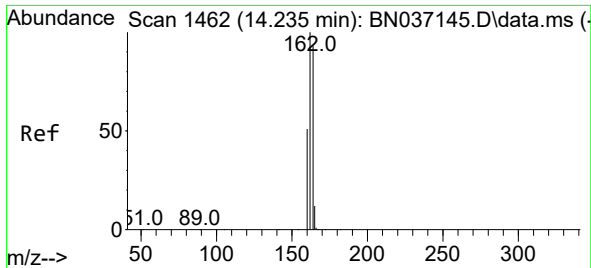


#12  
 2-Methylnaphthalene  
 Concen: 0.301 ng  
 RT: 12.042 min Scan# 1157  
 Delta R.T. -0.000 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Tgt Ion:142 Resp: 2842

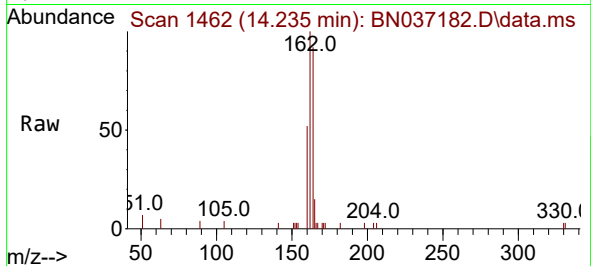
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.1  | 74.6  | 111.8 |
| 115 | 51.4  | 41.0  | 61.4  |





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.235 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

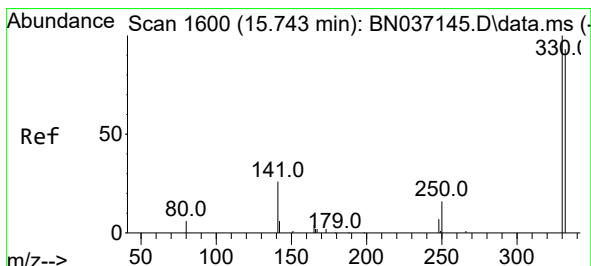
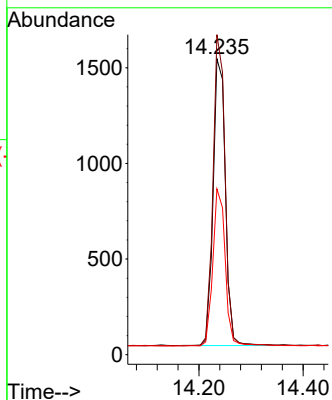
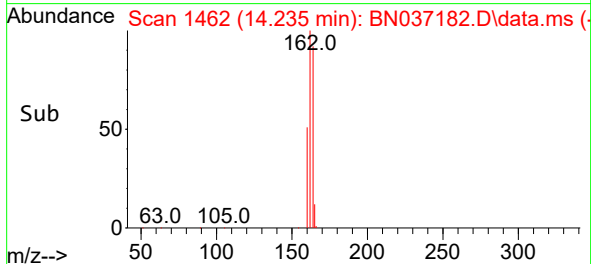
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



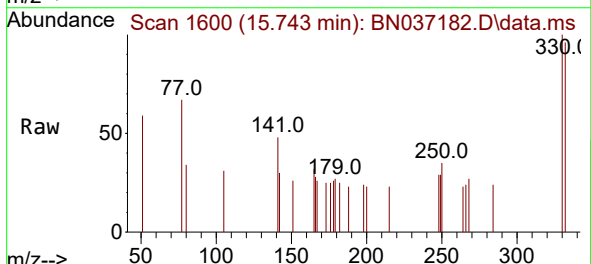
Tgt Ion:164 Resp: 244  
Ion Ratio Lower Upper  
164 100  
162 108.1 85.5 128.3  
160 56.0 44.6 67.0

Manual Integrations  
APPROVED

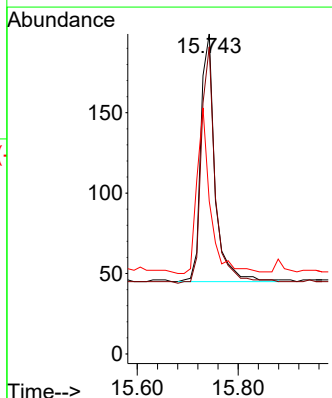
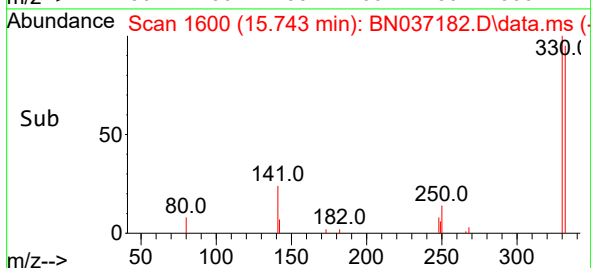
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

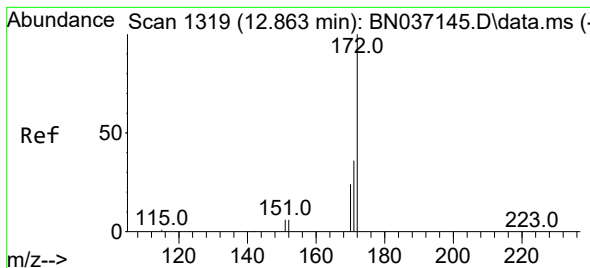


#14  
2,4,6-Tribromophenol  
Concen: 0.305 ng  
RT: 15.743 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:330 Resp: 300  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.1 115.7  
141 63.0 46.4 69.6





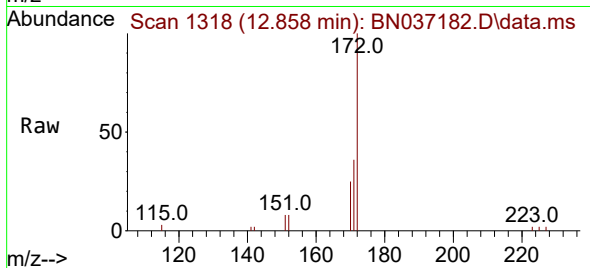
#15  
2-Fluorobiphenyl  
Concen: 0.378 ng  
RT: 12.858 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS



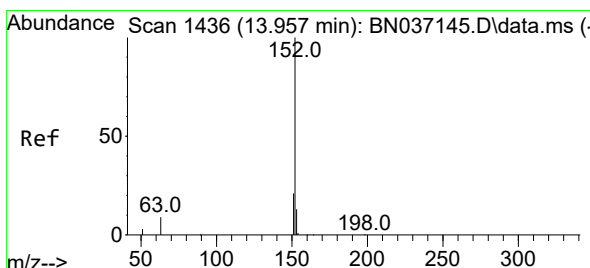
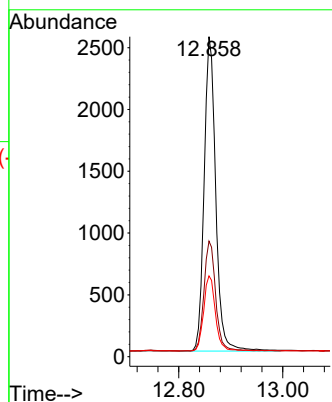
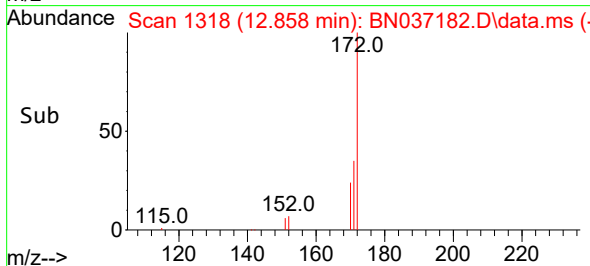
Tgt Ion:172 Resp: 3930  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 25.3 20.3 30.5

Manual Integrations

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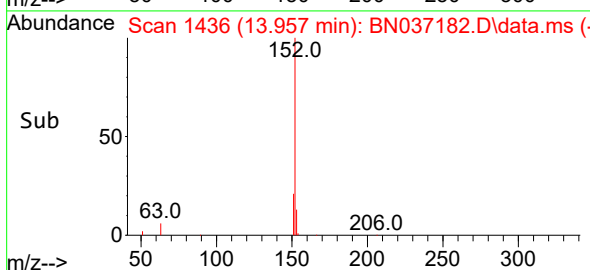
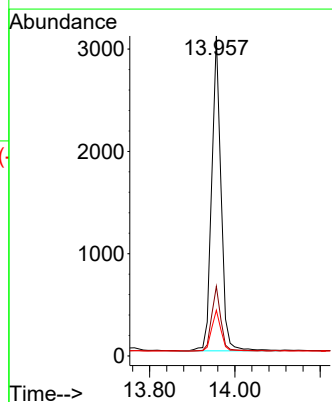
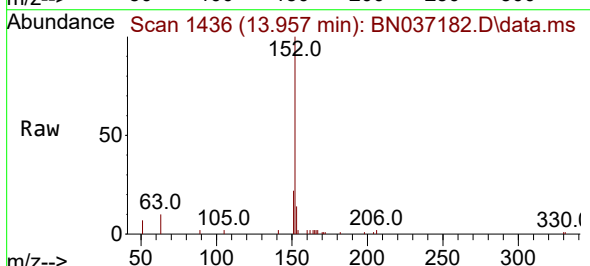
Reviewed By :Rahul Chavli 06/06/2025

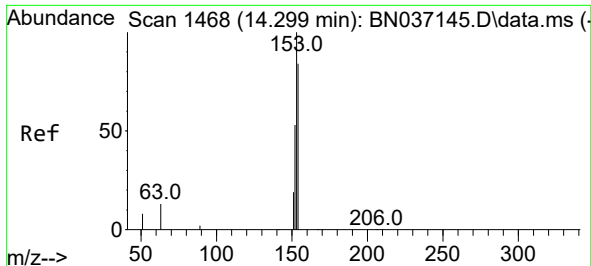
Supervised By :Jagrut Upadhyay 06/06/2025



#16  
Acenaphthylene  
Concen: 0.391 ng  
RT: 13.957 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

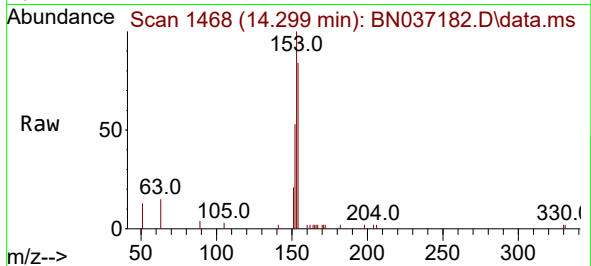
Tgt Ion:152 Resp: 4682  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5  
153 12.9 10.6 15.8





#17  
Acenaphthene  
Concen: 0.356 ng  
RT: 14.299 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

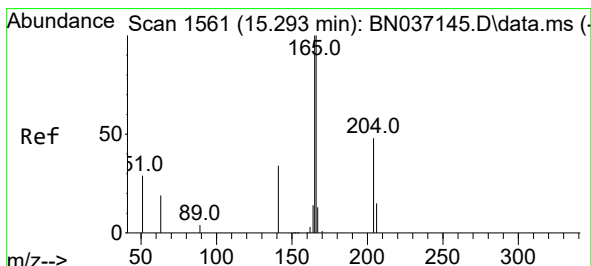
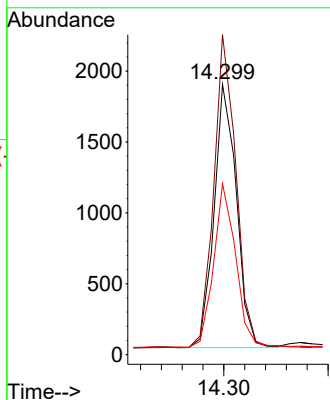
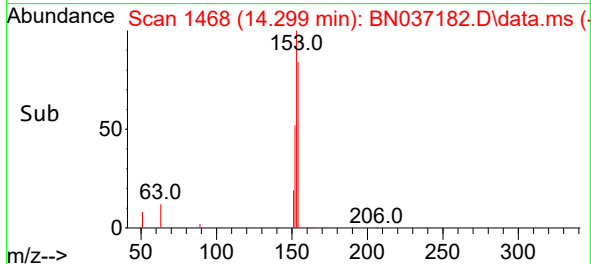
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



Tgt Ion:154 Resp: 2768  
Ion Ratio Lower Upper  
154 100  
153 118.1 93.8 140.8  
152 61.6 50.5 75.7

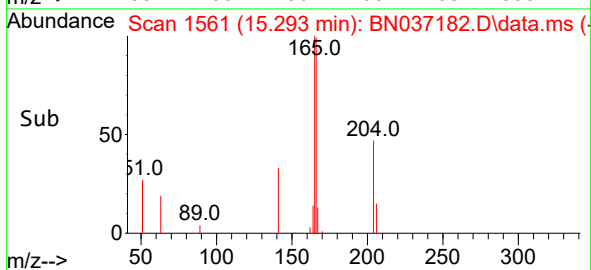
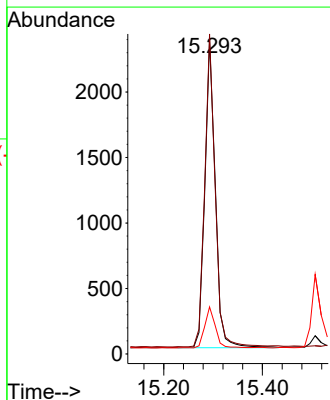
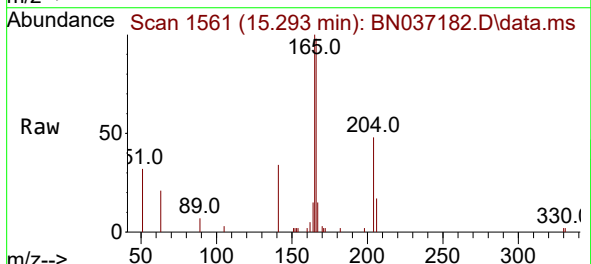
Manual Integrations  
APPROVED

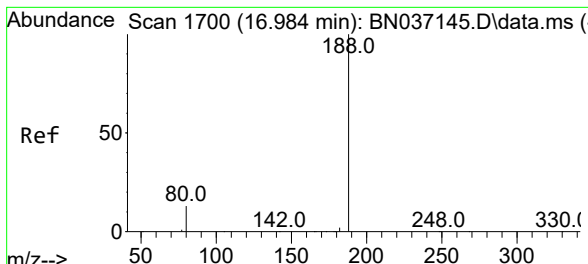
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025



#18  
Fluorene  
Concen: 0.337 ng  
RT: 15.293 min Scan# 1561  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

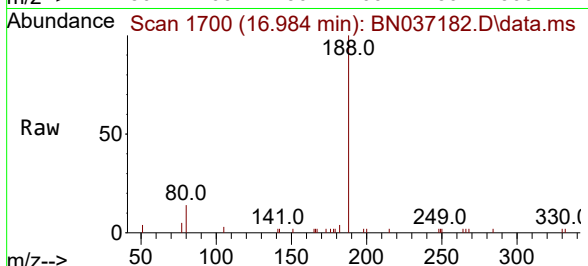
Tgt Ion:166 Resp: 3450  
Ion Ratio Lower Upper  
166 100  
165 101.0 81.1 121.7  
167 13.5 10.8 16.2





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.984 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

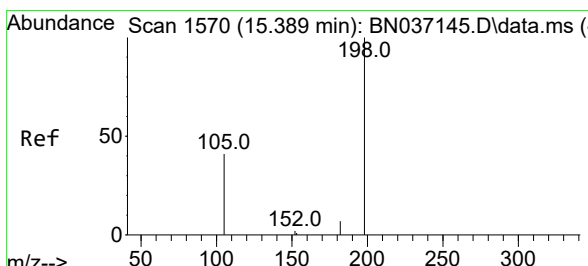
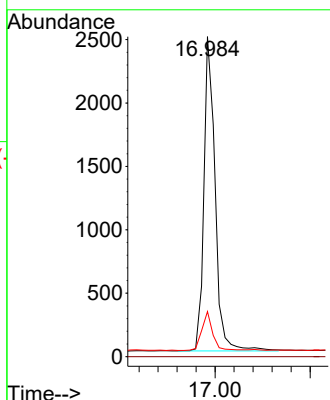
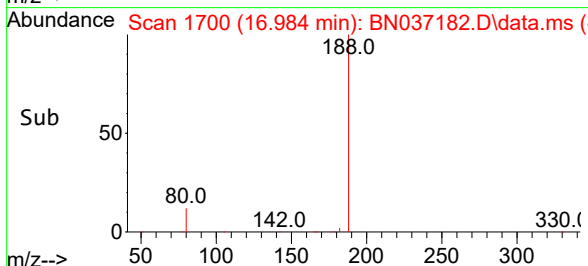
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



Tgt Ion:188 Resp: 4074  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.1 11.3 16.9

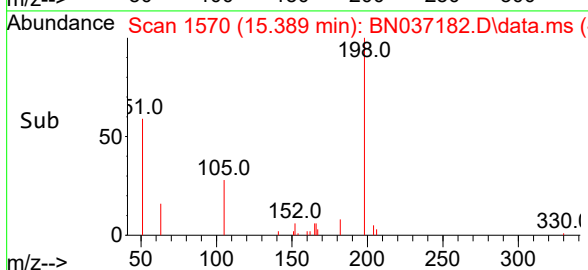
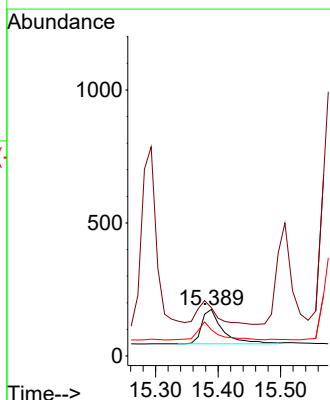
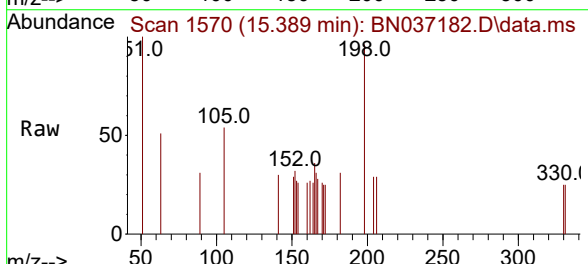
Manual Integrations  
APPROVED

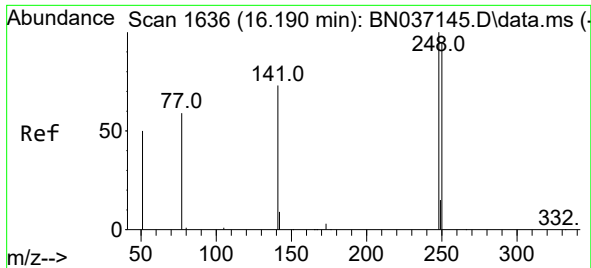
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.524 ng  
RT: 15.389 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

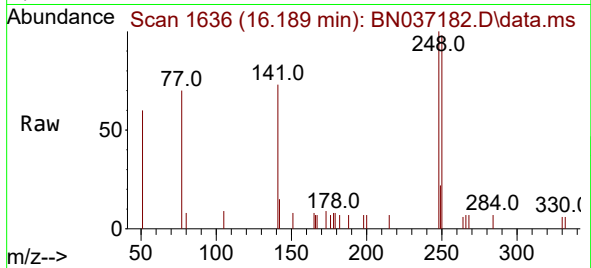
Tgt Ion:198 Resp: 298  
Ion Ratio Lower Upper  
198 100  
51 104.0 125.2 187.8#  
105 56.6 57.1 85.7#





#21  
4-Bromophenyl-phenylether  
Concen: 0.361 ng  
RT: 16.189 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

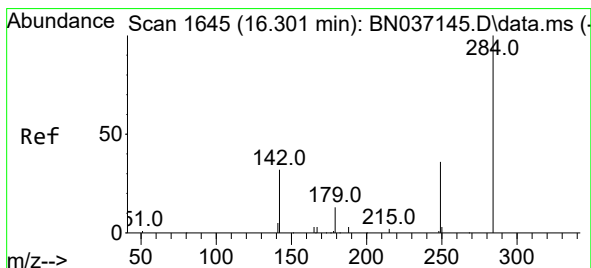
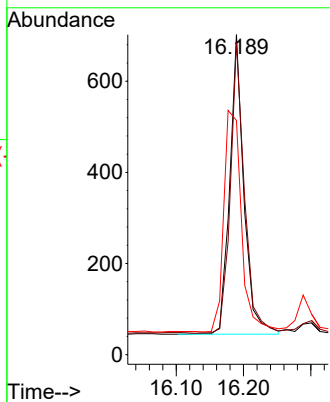
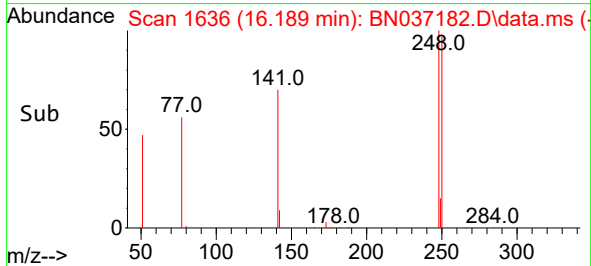
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



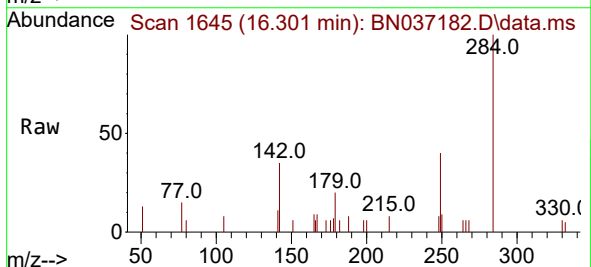
Tgt Ion:248 Resp: 96  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.1 114.1  
141 73.2 60.1 90.1

Manual Integrations  
APPROVED

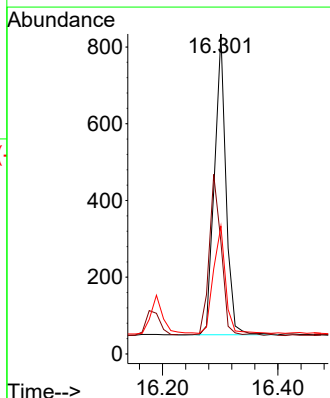
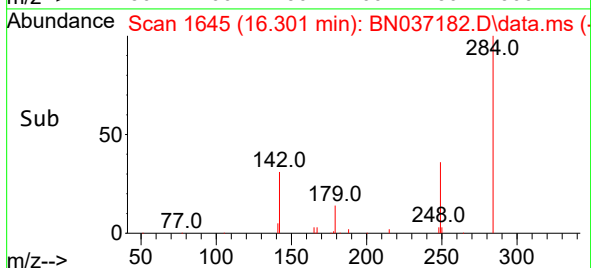
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

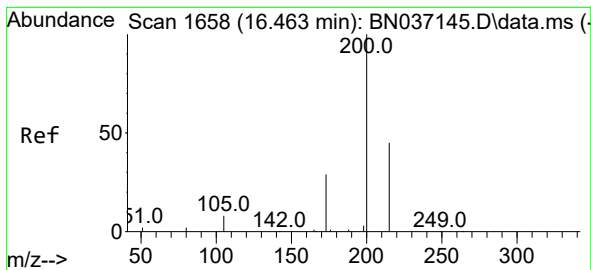


#22  
Hexachlorobenzene  
Concen: 0.376 ng  
RT: 16.301 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:284 Resp: 1084  
Ion Ratio Lower Upper  
284 100  
142 56.5 44.0 66.0  
249 37.5 29.7 44.5





#23

Atrazine

Concen: 0.349 ng

RT: 16.462 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BN037182.D

Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS

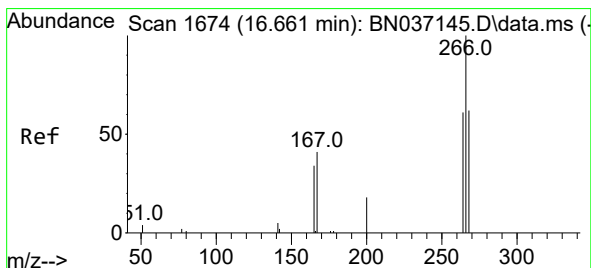
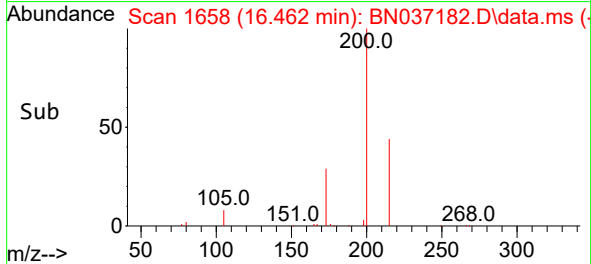
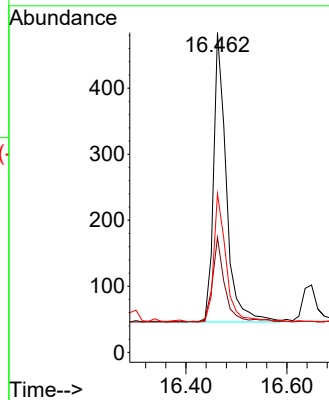
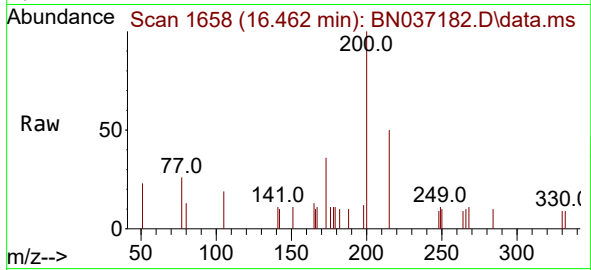
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 769  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 36.0  | 28.1  | 42.1 |
| 215       | 49.6  | 39.3  | 58.9 |

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Pentachlorophenol

Concen: 0.537 ng

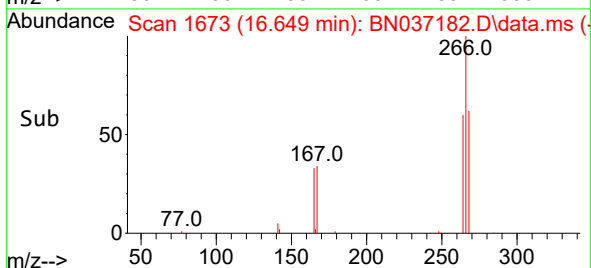
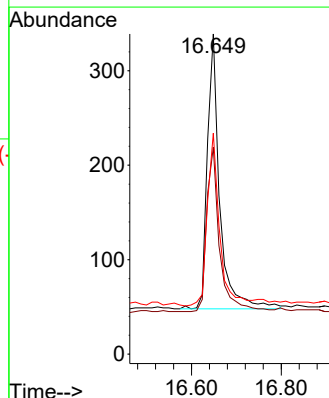
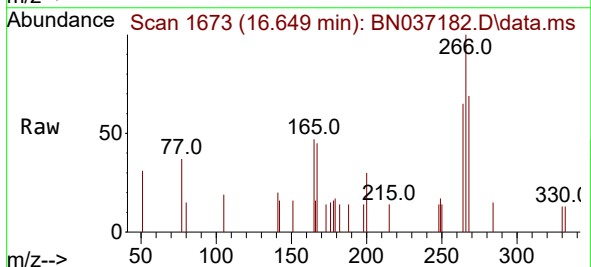
RT: 16.649 min Scan# 1673

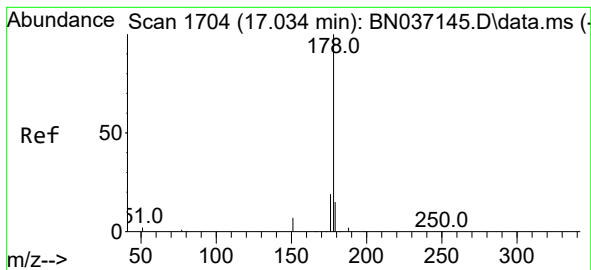
Delta R.T. -0.012 min

Lab File: BN037182.D

Acq: 05 Jun 2025 16:21

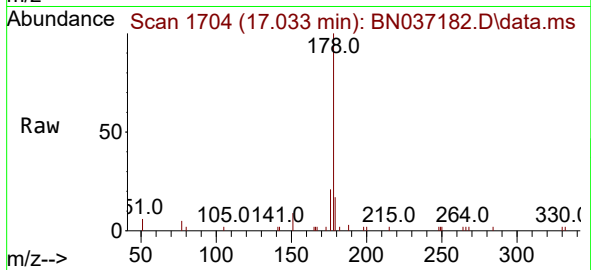
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 556  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.1  | 49.3  | 73.9 |
| 268       | 62.8  | 49.0  | 73.4 |





#25  
Phenanthrene  
Concen: 0.355 ng  
RT: 17.033 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

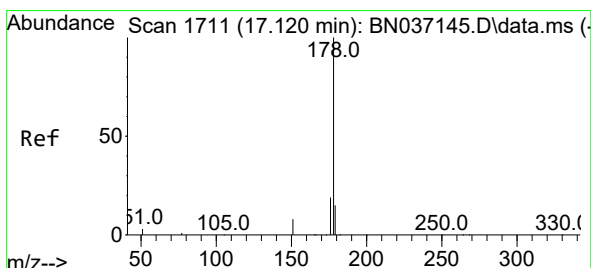
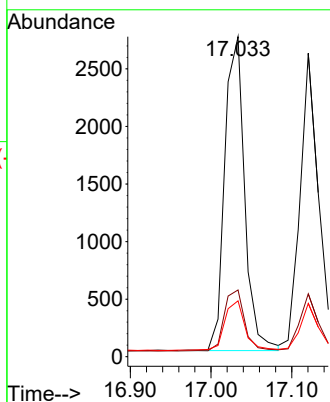
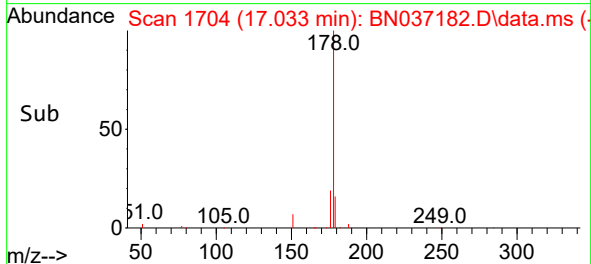
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



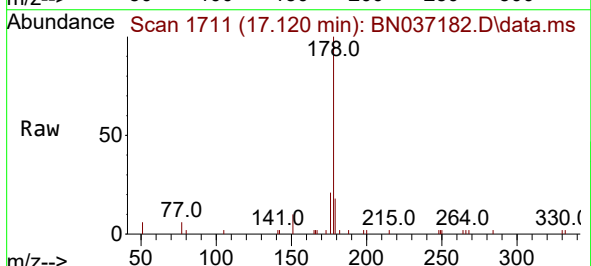
Tgt Ion:178 Resp: 468  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.7 23.5  
179 16.2 12.3 18.5

Manual Integrations  
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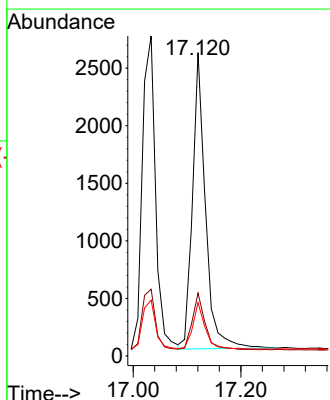
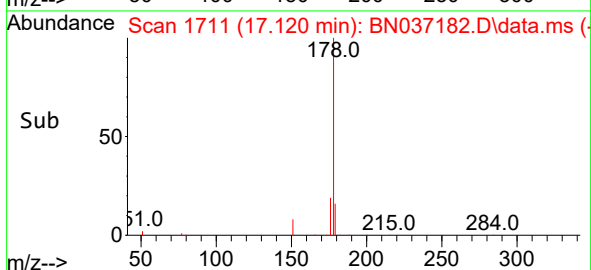
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

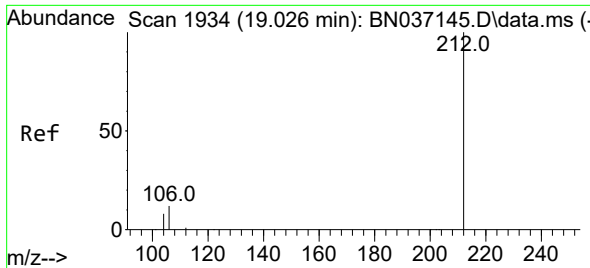


#26  
Anthracene  
Concen: 0.359 ng  
RT: 17.120 min Scan# 1711  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:178 Resp: 4323  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.2 22.8  
179 15.2 12.9 19.3





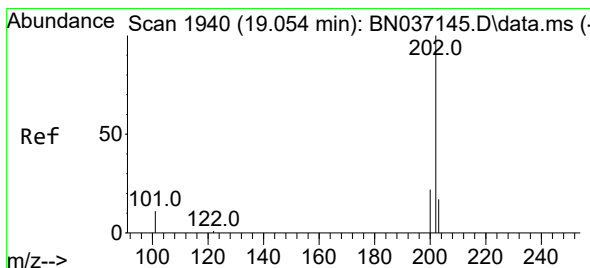
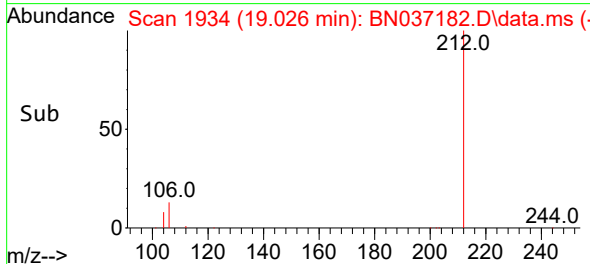
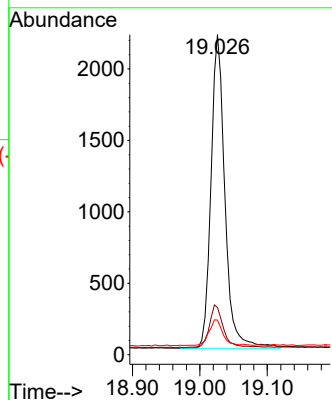
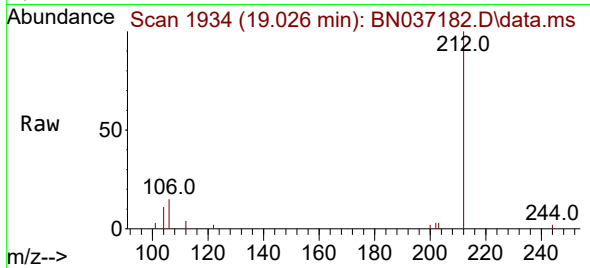
#27  
Fluoranthene-d10  
Concen: 0.304 ng  
RT: 19.026 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS

Tgt Ion:212 Resp: 3150  
Ion Ratio Lower Upper  
212 100  
106 13.7 10.6 15.8  
104 8.1 6.6 9.8

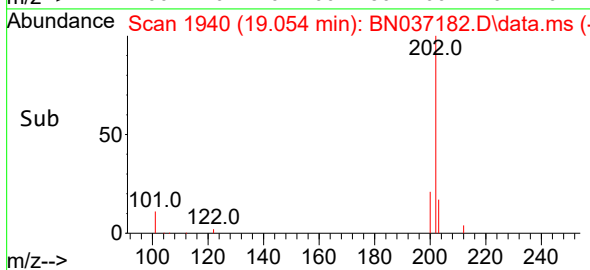
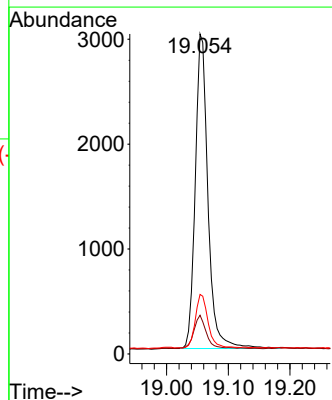
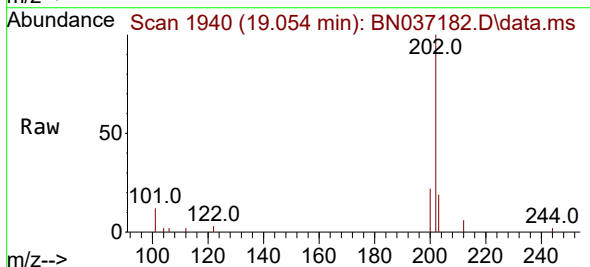
Manual Integrations  
APPROVED

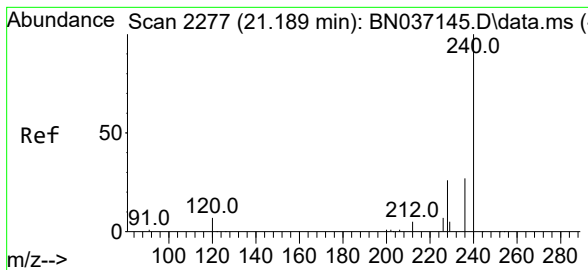
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025



#28  
Fluoranthene  
Concen: 0.296 ng  
RT: 19.054 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

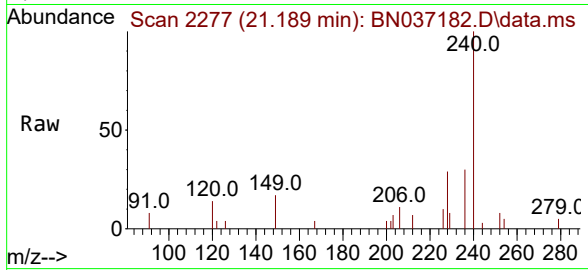
Tgt Ion:202 Resp: 4321  
Ion Ratio Lower Upper  
202 100  
101 10.4 8.7 13.1  
203 17.1 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.189 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

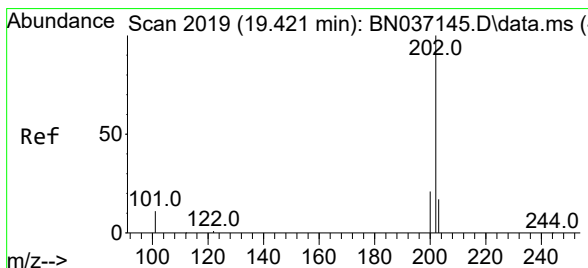
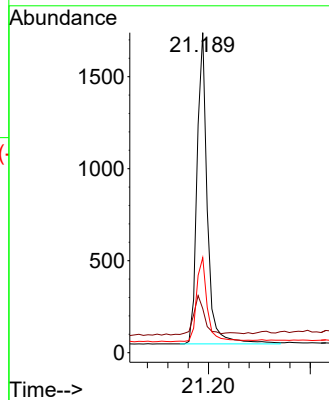
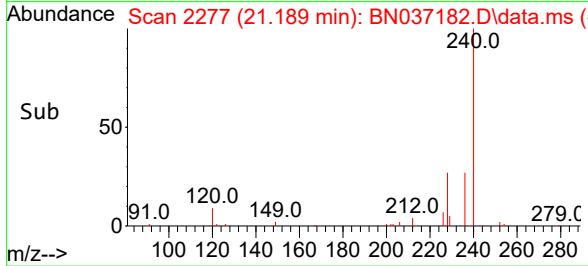
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



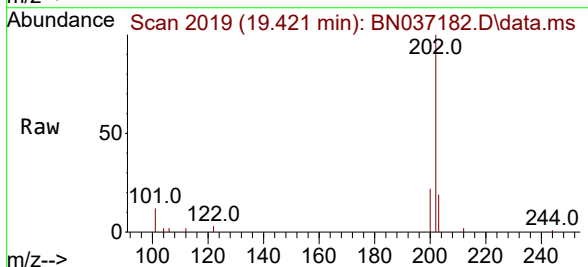
Tgt Ion:240 Resp: 2362  
Ion Ratio Lower Upper  
240 100  
120 13.7 9.0 13.4  
236 29.7 23.0 34.4

Manual Integrations  
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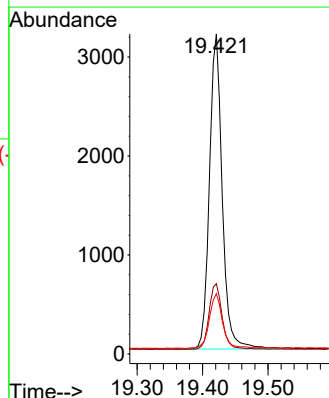
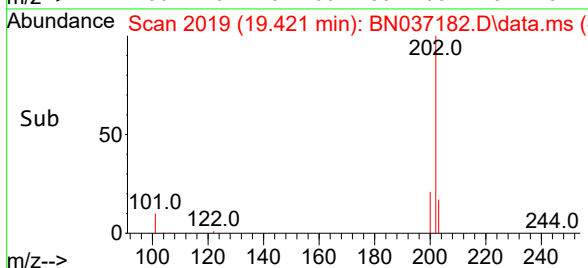
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

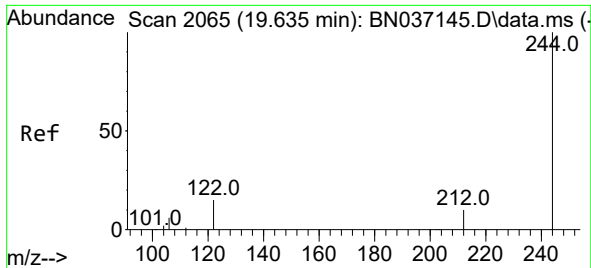


#30  
Pyrene  
Concen: 0.375 ng  
RT: 19.421 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:202 Resp: 4321  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.6  
203 18.0 14.2 21.4





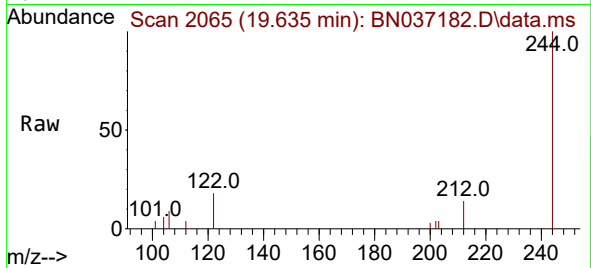
#31  
 Terphenyl-d14  
 Concen: 0.365 ng  
 RT: 19.635 min Scan# 2065  
 Delta R.T. -0.000 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS



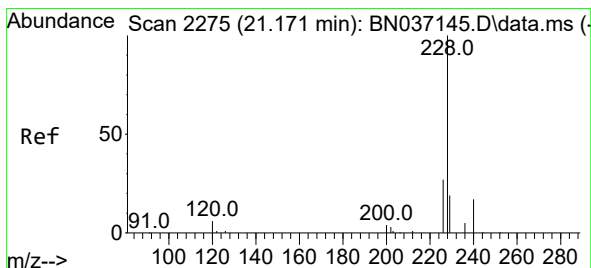
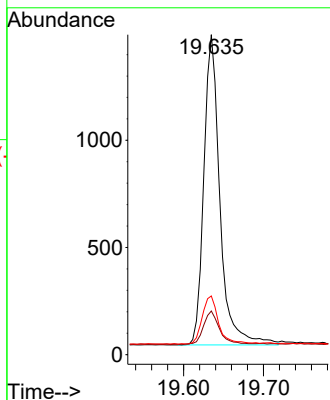
Tgt Ion:244 Resp: 203  
 Ion Ratio Lower Upper  
 244 100  
 212 13.7 10.0 15.0  
 122 18.4 13.2 19.8

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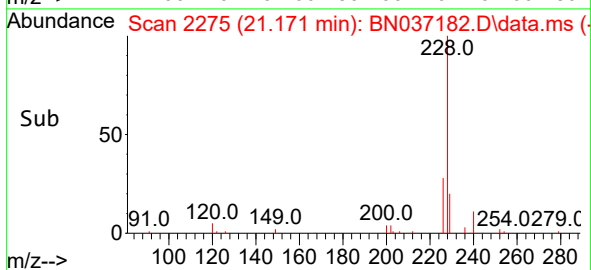
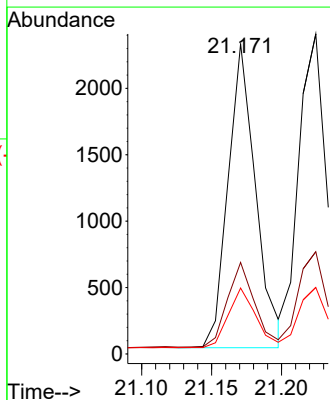
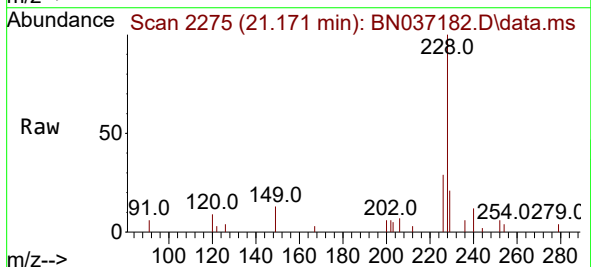
Reviewed By :Rahul Chavli 06/06/2025

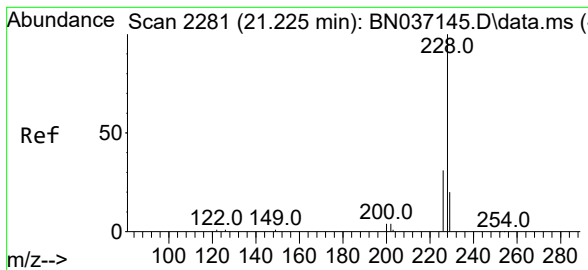
Supervised By :Jagrut Upadhyay 06/06/2025



#32  
 Benzo(a)anthracene  
 Concen: 0.366 ng  
 RT: 21.171 min Scan# 2275  
 Delta R.T. -0.000 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Tgt Ion:228 Resp: 3133  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 22.6 33.8  
 229 21.3 16.2 24.2





#33

Chrysene

Concen: 0.373 ng

RT: 21.224 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037182.D

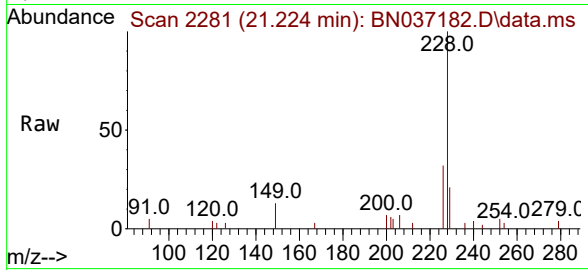
Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS



Tgt Ion:228 Resp: 355

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

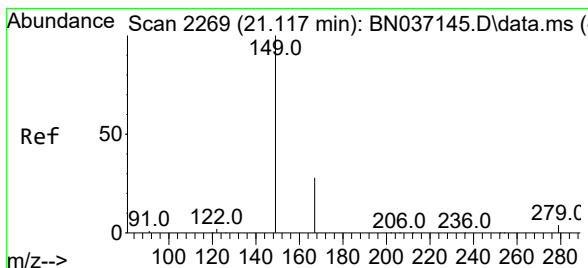
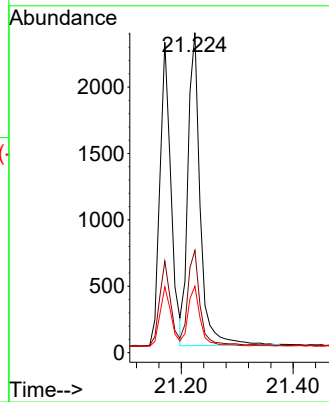
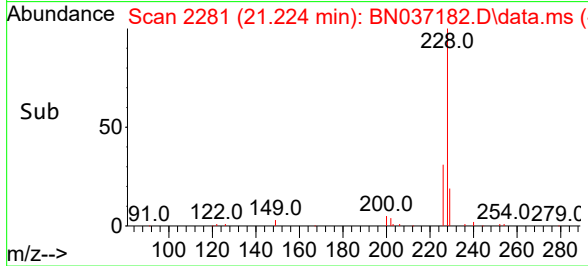
229 20.8 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.117 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN037182.D

Acq: 05 Jun 2025 16:21

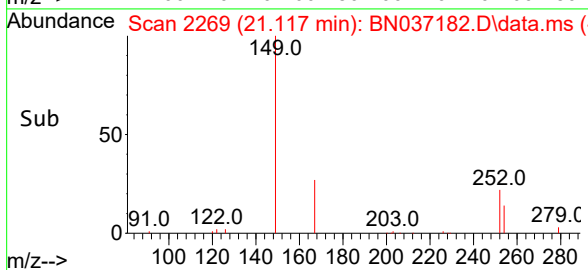
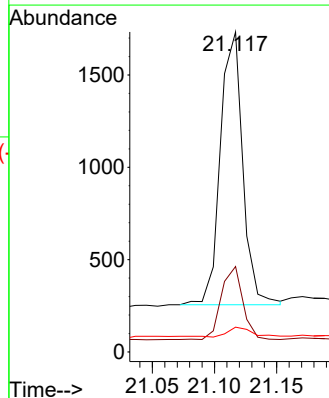
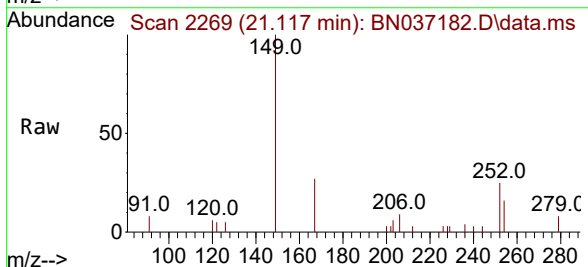
Tgt Ion:149 Resp: 1853

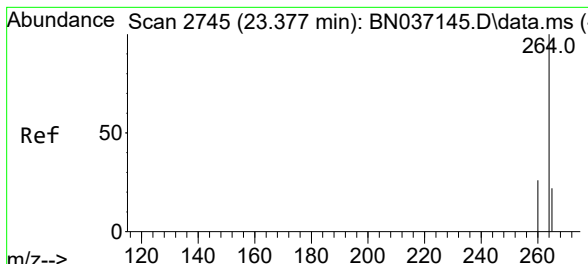
Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

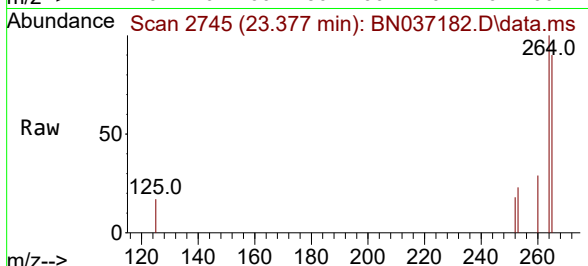
279 3.1 2.9 4.3





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.377 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168286BS

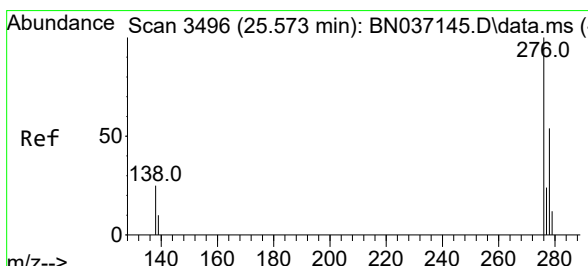
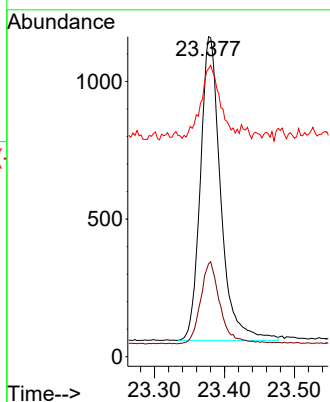
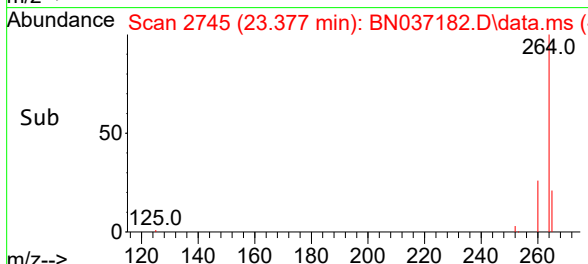


Tgt Ion:264 Resp: 2229

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 29.1  | 22.1  | 33.1  |
| 265 | 90.0  | 55.8  | 83.8  |

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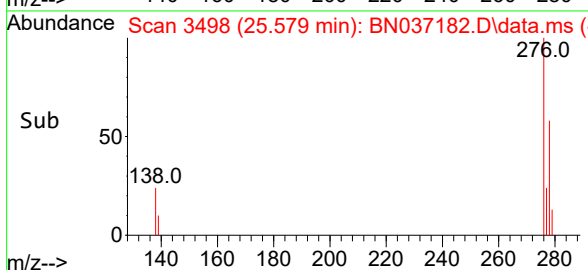
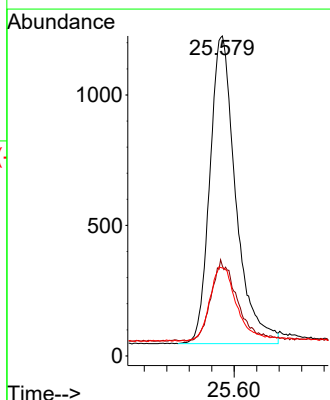
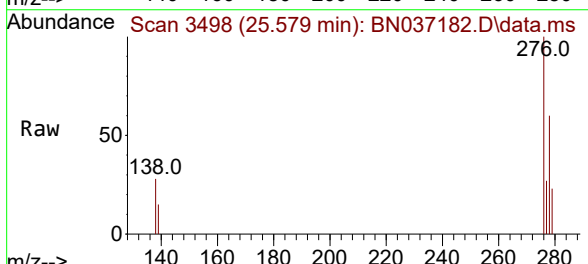
Reviewed By :Rahul Chavli 06/06/2025  
 Supervised By :Jagrut Upadhyay 06/06/2025

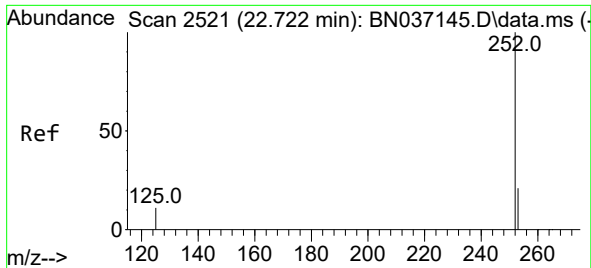


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.426 ng  
 RT: 25.579 min Scan# 3498  
 Delta R.T. 0.006 min  
 Lab File: BN037182.D  
 Acq: 05 Jun 2025 16:21

Tgt Ion:276 Resp: 3777

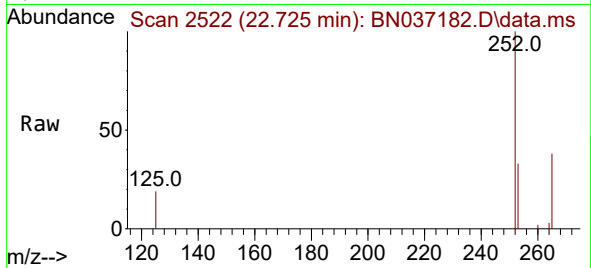
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 26.4  | 21.0  | 31.6  |
| 277 | 25.0  | 19.4  | 29.2  |





#37  
Benzo(b)fluoranthene  
Concen: 0.352 ng  
RT: 22.725 min Scan# 2521  
Delta R.T. 0.003 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

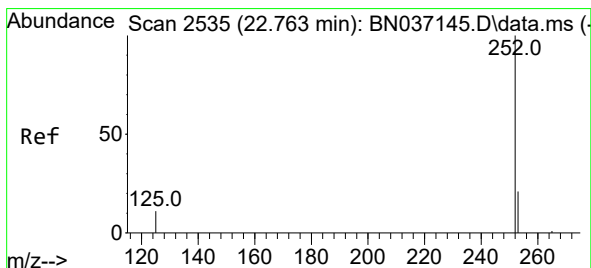
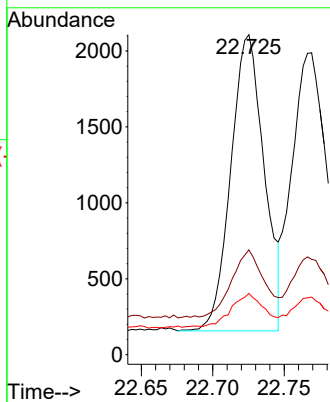
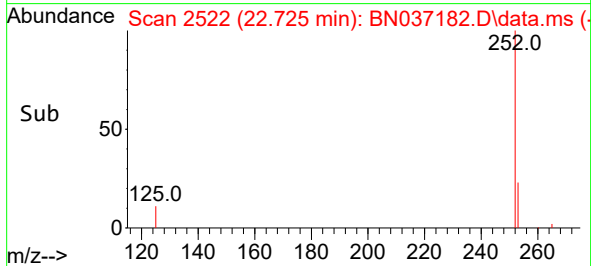
Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



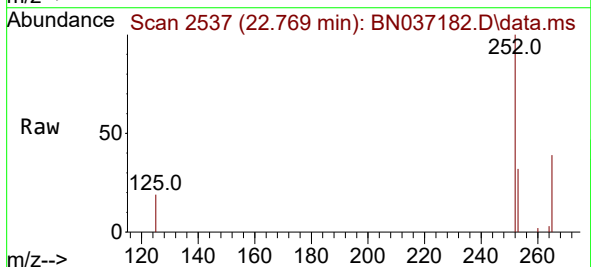
Tgt Ion:252 Resp: 317  
Ion Ratio Lower Upper  
252 100  
253 32.7 22.3 33.5  
125 19.2 13.2 19.8

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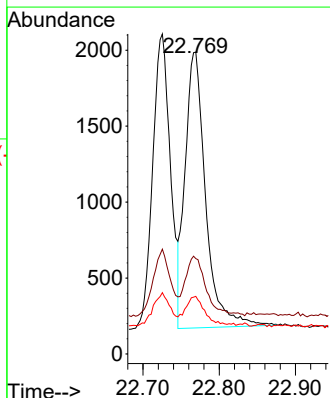
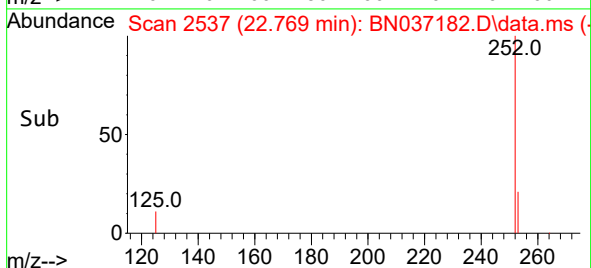
Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

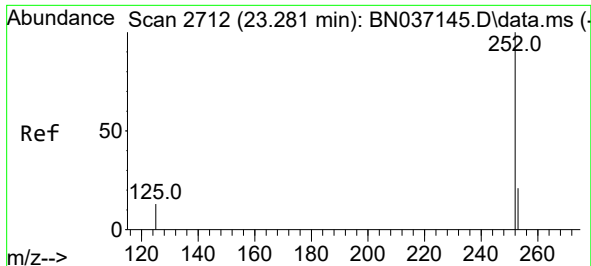


#38  
Benzo(k)fluoranthene  
Concen: 0.371 ng  
RT: 22.769 min Scan# 2537  
Delta R.T. 0.006 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21



Tgt Ion:252 Resp: 3407  
Ion Ratio Lower Upper  
252 100  
253 31.6 22.2 33.4  
125 19.1 13.2 19.8





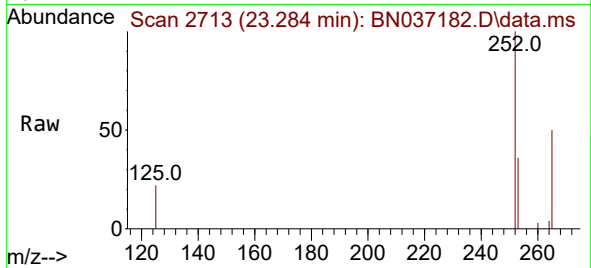
#39  
Benzo(a)pyrene  
Concen: 0.387 ng  
RT: 23.284 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

Instrument :

BNA\_N

ClientSampleId :

PB168286BS



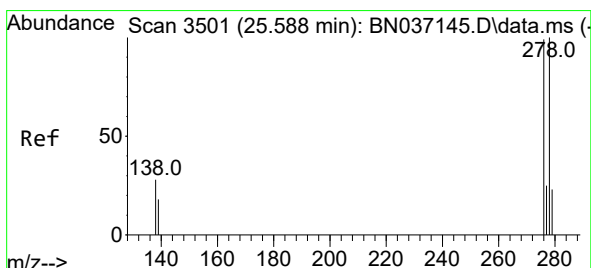
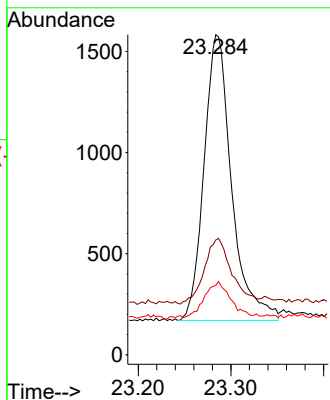
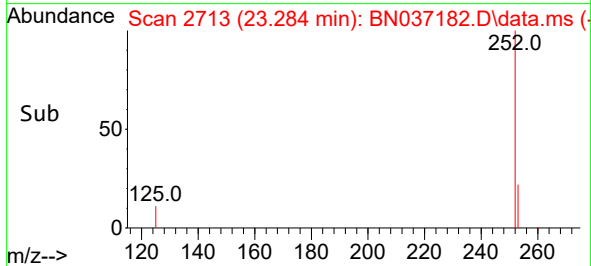
Tgt Ion:252 Resp: 2920  
Ion Ratio Lower Upper  
252 100  
253 35.9 25.0 37.4  
125 21.7 17.0 25.6

Manual Integrations

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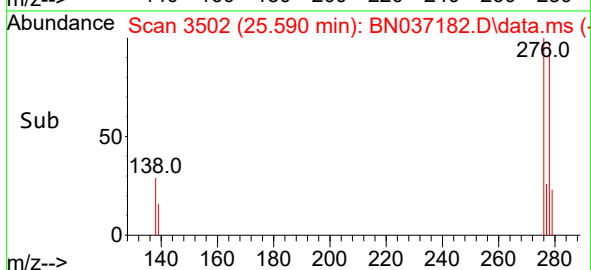
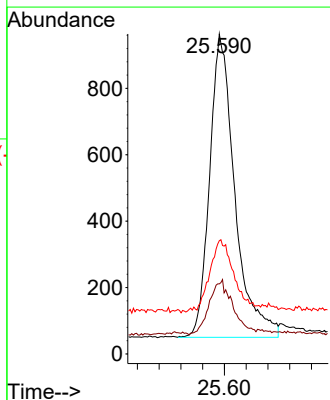
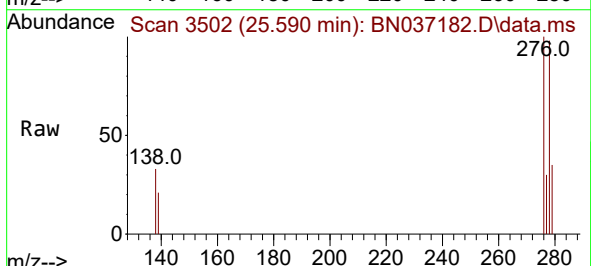
Reviewed By :Rahul Chavli 06/06/2025

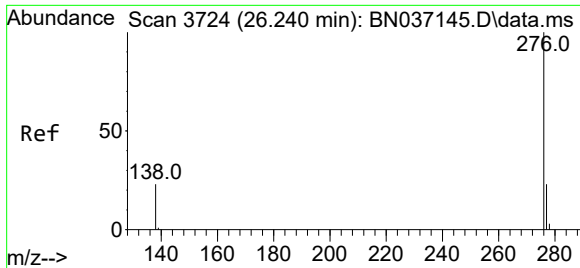
Supervised By :Jagrut Upadhyay 06/06/2025



#40  
Dibenzo(a,h)anthracene  
Concen: 0.429 ng  
RT: 25.590 min Scan# 3502  
Delta R.T. 0.003 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

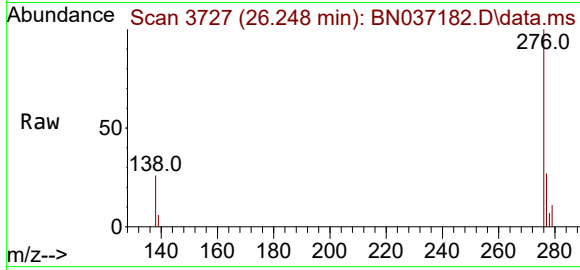
Tgt Ion:278 Resp: 2933  
Ion Ratio Lower Upper  
278 100  
139 21.9 17.6 26.4  
279 35.4 26.0 39.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.419 ng  
RT: 26.248 min Scan# 31  
Delta R.T. 0.009 min  
Lab File: BN037182.D  
Acq: 05 Jun 2025 16:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB168286BS



Tgt Ion: 276 Resp: 3292  
Ion Ratio Lower Upper  
276 100  
277 27.1 20.9 31.3  
138 26.5 20.8 31.2

Manual Integrations  
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Reviewed By :Rahul Chavli 06/06/2025  
Supervised By :Jagrut Upadhyay 06/06/2025

