

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037022.D  
 Acq On : 14 May 2025 21:00  
 Operator : RC/JU  
 Sample : PB167952BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167952BSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

Quant Time: May 15 01:26:16 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     | 7.618  | 152  | 1677     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 4591     | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.267 | 164  | 2680     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5142     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.207 | 240  | 4350     | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.407 | 264  | 3999     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 1874     | 0.43 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 2307     | 0.42 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1883     | 0.38 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.996 | 152  | 2589     | 0.40 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 462      | 0.39 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 4840     | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.045 | 212  | 5435     | 0.39 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 3838     | 0.41 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.141  | 88   | 823      | 0.40 | ng    | 89       |
| 3) n-Nitrosodimethylamine     | 3.458  | 42   | 1717     | 0.39 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether    | 7.048  | 93   | 1953     | 0.39 | ng    | 99       |
| 9) Naphthalene                | 10.447 | 128  | 5286     | 0.39 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.735 | 225  | 1108     | 0.39 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.067 | 142  | 3430     | 0.39 | ng    | 98       |
| 16) Acenaphthylene            | 13.978 | 152  | 4954     | 0.38 | ng    | 100      |
| 17) Acenaphthene              | 14.320 | 154  | 3309     | 0.39 | ng    | 99       |
| 18) Fluorene                  | 15.314 | 166  | 4308     | 0.39 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 388      | 0.39 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 1324     | 0.41 | ng    | # 87     |
| 22) Hexachlorobenzene         | 16.326 | 284  | 1407     | 0.40 | ng    | 96       |
| 23) Atrazine                  | 16.487 | 200  | 1088     | 0.38 | ng    | 96       |
| 24) Pentachlorophenol         | 16.661 | 266  | 672      | 0.35 | ng    | 94       |
| 25) Phenanthrene              | 17.046 | 178  | 6700     | 0.40 | ng    | 100      |
| 26) Anthracene                | 17.145 | 178  | 5964     | 0.39 | ng    | 99       |
| 28) Fluoranthene              | 19.077 | 202  | 7670     | 0.38 | ng    | 99       |
| 30) Pyrene                    | 19.440 | 202  | 7749     | 0.42 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.189 | 228  | 6212     | 0.38 | ng    | 100      |
| 33) Chrysene                  | 21.242 | 228  | 7091     | 0.41 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 3852     | 0.38 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.614 | 276  | 6218     | 0.38 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.749 | 252  | 6457     | 0.39 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.793 | 252  | 6689m    | 0.41 | ng    |          |
| 39) Benzo(a)pyrene            | 23.313 | 252  | 5622     | 0.40 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 25.634 | 278  | 4843     | 0.38 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.289 | 276  | 5369     | 0.39 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

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

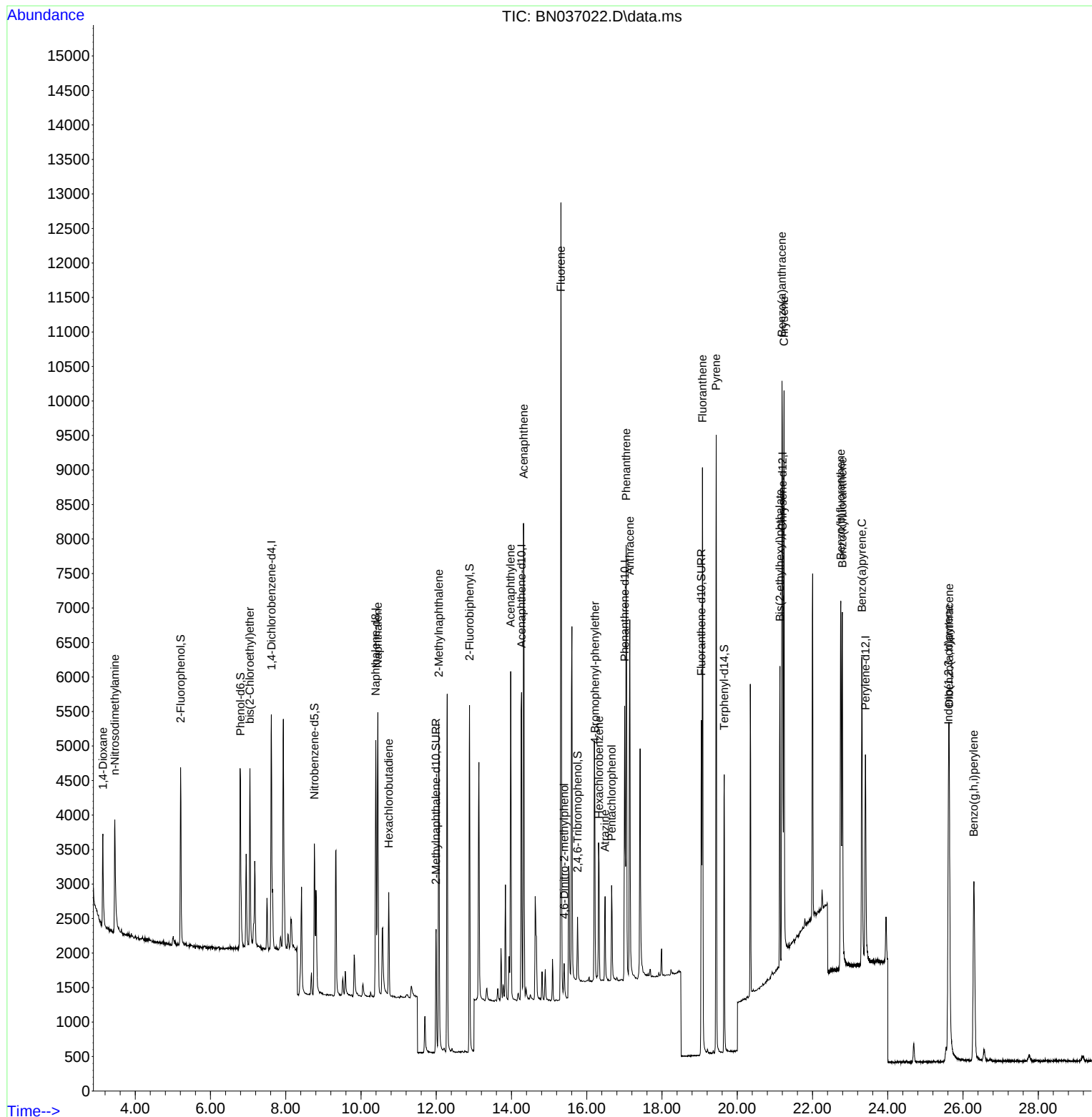
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037022.D  
 Acq On : 14 May 2025 21:00  
 Operator : RC/JU  
 Sample : PB167952BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

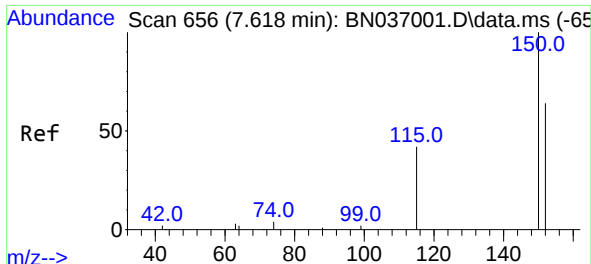
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167952BSD

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

Quant Time: May 15 01:26:16 2025  
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 QLast Update : Wed May 14 11:26:32 2025  
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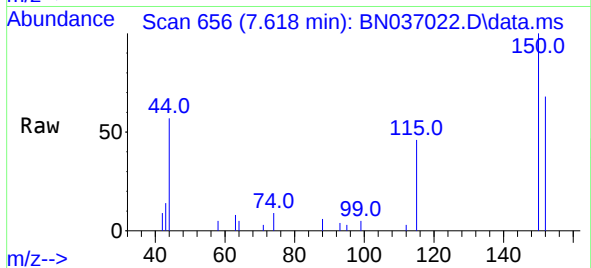
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.618 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

PB167952BSD



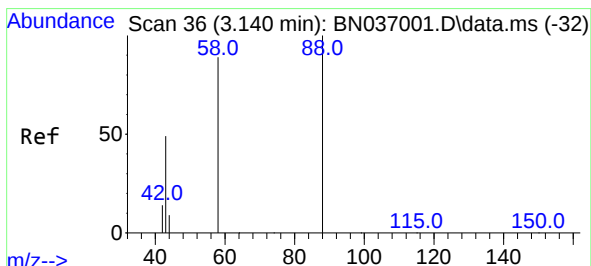
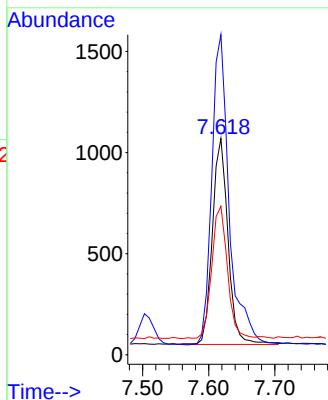
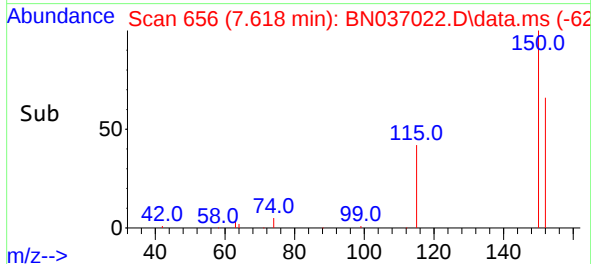
Tgt Ion:152 Resp: 167  
Ion Ratio Lower Upper  
152 100  
150 147.9 123.9 185.9  
115 68.7 55.8 83.8

Manual Integrations

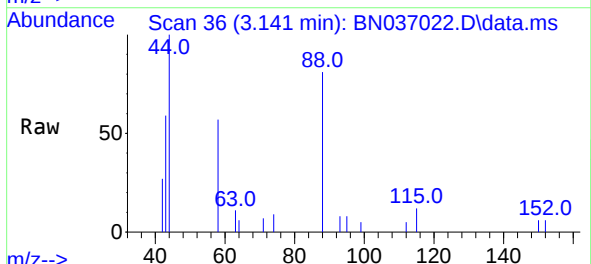
APPROVED

Reviewed By :Rahul Chavli 05/15/2025

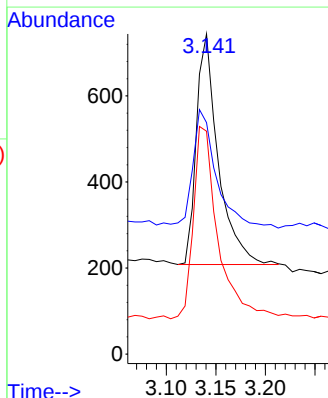
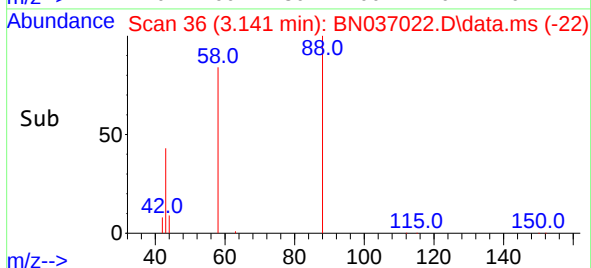
Supervised By :Jagrut Upadhyay 05/15/2025



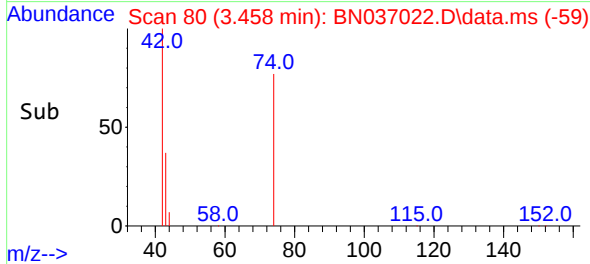
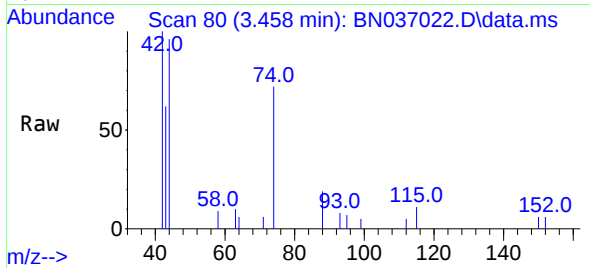
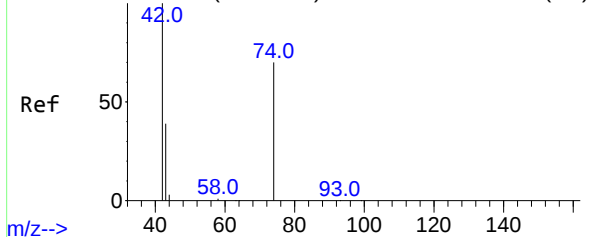
#2  
1,4-Dioxane  
Concen: 0.40 ng  
RT: 3.141 min Scan# 36  
Delta R.T. 0.001 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion: 88 Resp: 823  
Ion Ratio Lower Upper  
88 100  
43 55.5 37.4 56.0  
58 94.5 68.8 103.2



Abundance Scan 80 (3.458 min): BN037001.D\data.ms (-76)



#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.458 min Scan# 80

Delta R.T. 0.000 min

Lab File: BN037022.D

Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

PB167952BSD

Tgt Ion: 42 Resp: 171

Ion Ratio Lower Upper

42 100

74 70.6 59.8 89.6

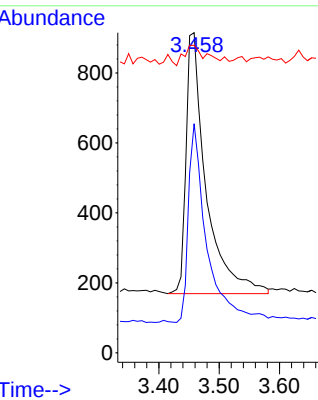
44 8.4 11.9 17.9

Manual Integrations

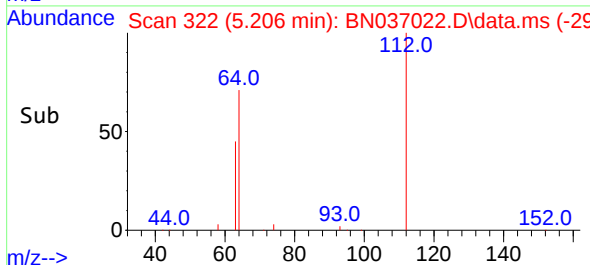
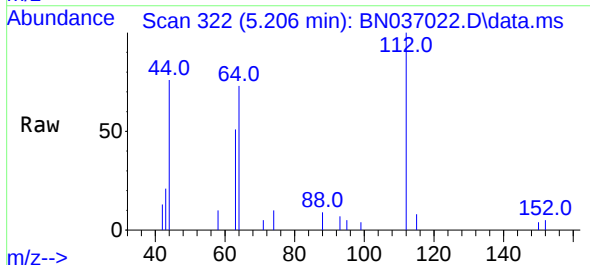
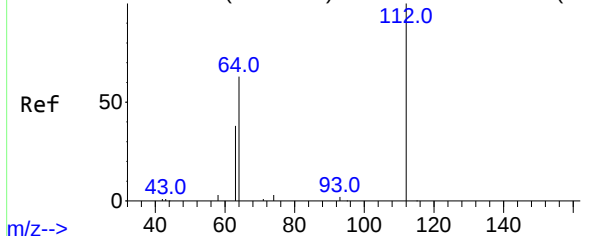
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Reviewed By :Rahul Chavli 05/15/2025

Supervised By :Jagrut Upadhyay 05/15/2025



Abundance Scan 323 (5.213 min): BN037001.D\data.ms (-31)



#4

2-Fluorophenol

Concen: 0.43 ng

RT: 5.206 min Scan# 322

Delta R.T. -0.007 min

Lab File: BN037022.D

Acq: 14 May 2025 21:00

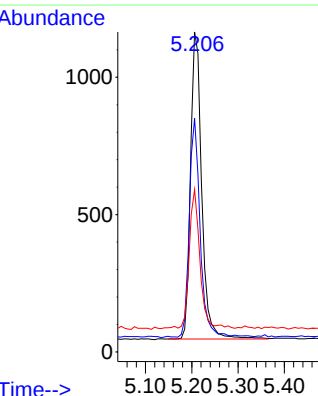
Tgt Ion:112 Resp: 1874

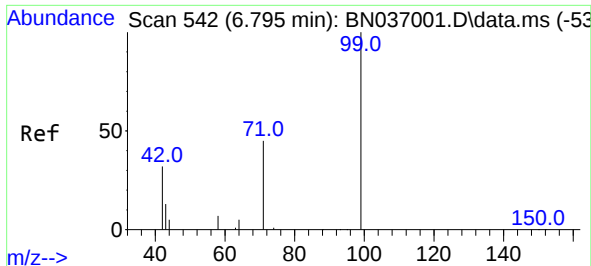
Ion Ratio Lower Upper

112 100

64 68.5 55.7 83.5

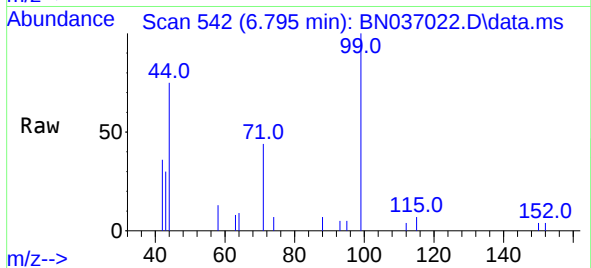
63 43.7 34.6 51.8





#5  
Phenol-d6  
Concen: 0.42 ng  
RT: 6.795 min Scan# 542  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

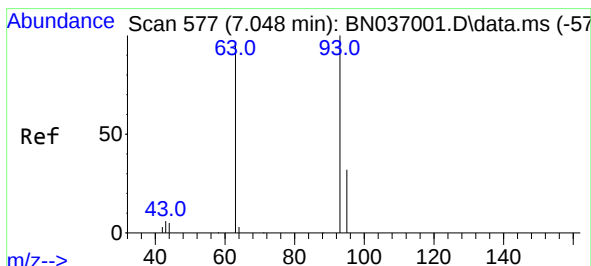
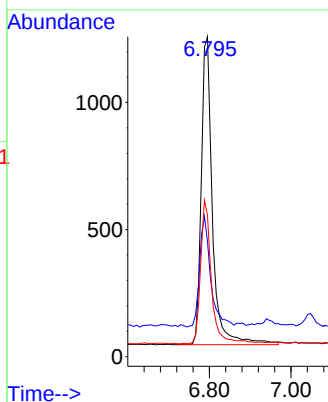
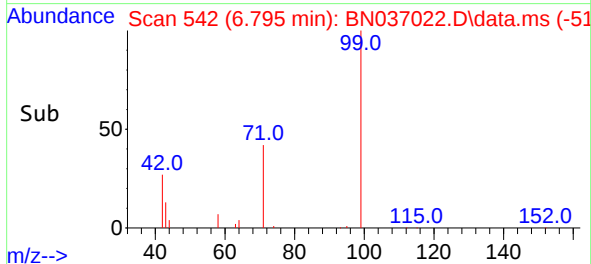
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



Tgt Ion: 99 Resp: 2307  
Ion Ratio Lower Upper  
99 100  
42 35.4 29.3 43.9  
71 44.7 35.7 53.5

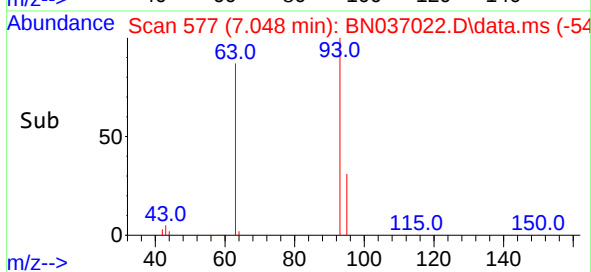
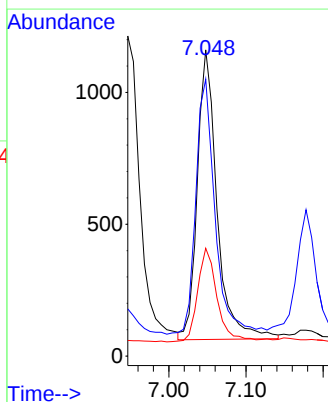
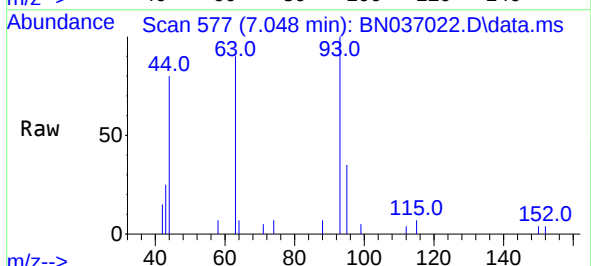
Manual Integrations  
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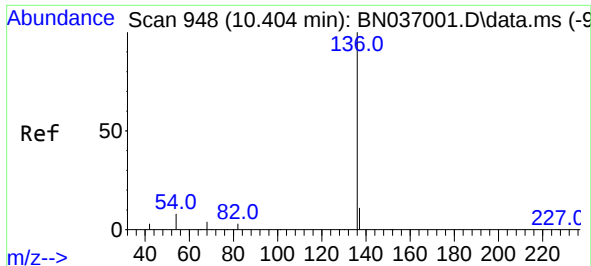
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.39 ng  
RT: 7.048 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

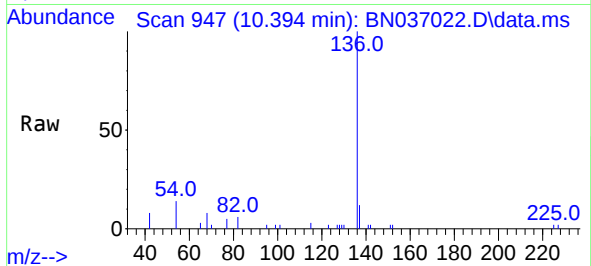
Tgt Ion: 93 Resp: 1953  
Ion Ratio Lower Upper  
93 100  
63 86.2 70.1 105.1  
95 32.0 26.2 39.2





#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.394 min Scan# 948  
Delta R.T. -0.010 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

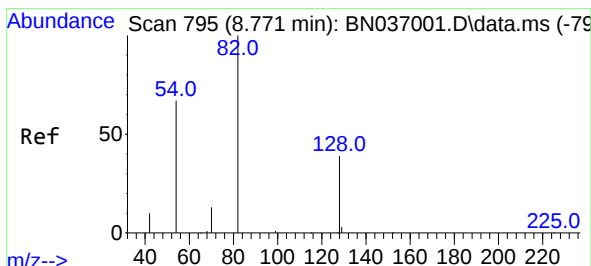
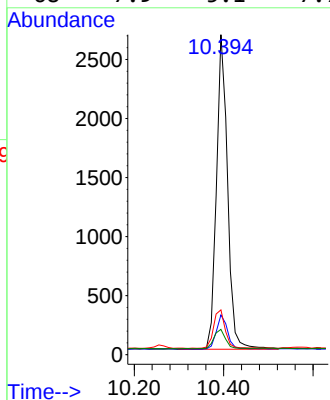
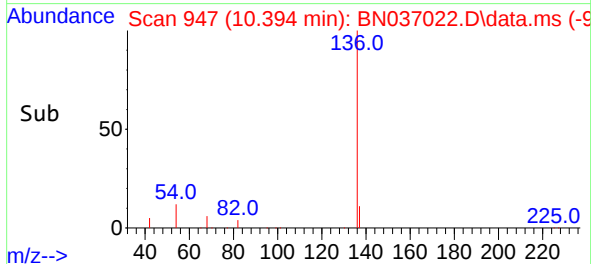
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 459   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.4  | 10.4  | 15.6  |
| 54       | 14.0  | 8.5   | 12.7  |
| 68       | 7.9   | 5.1   | 7.7   |

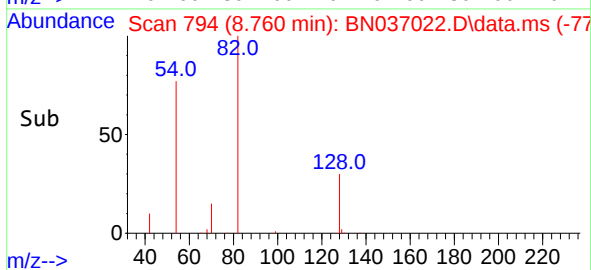
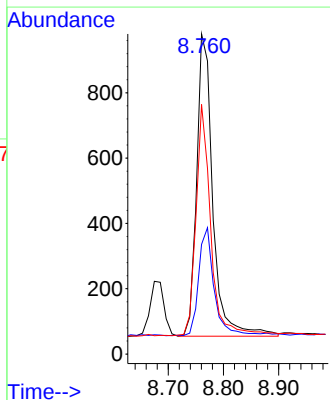
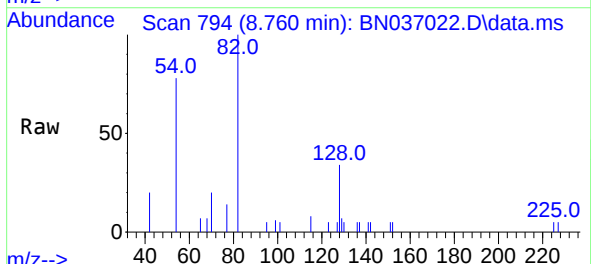
Manual Integrations  
APPROVED

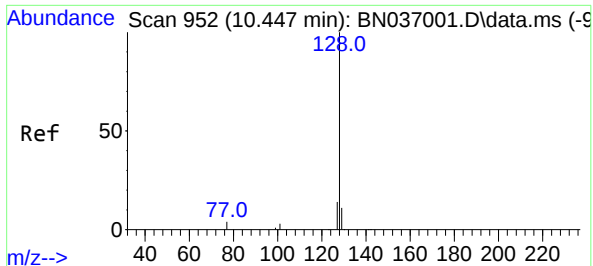
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#8  
Nitrobenzene-d5  
Concen: 0.38 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.010 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

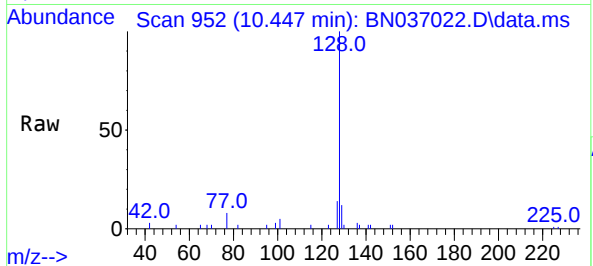
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1883  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.3  | 34.0  | 51.0  |
| 54       | 78.0  | 55.0  | 82.4  |





#9  
Naphthalene  
Concen: 0.39 ng  
RT: 10.447 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

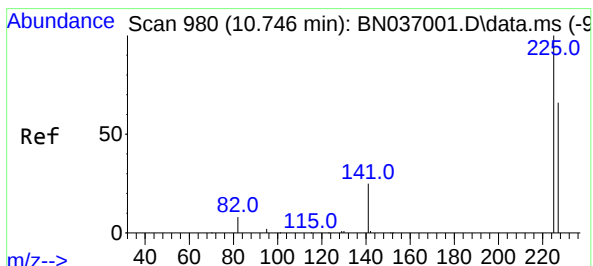
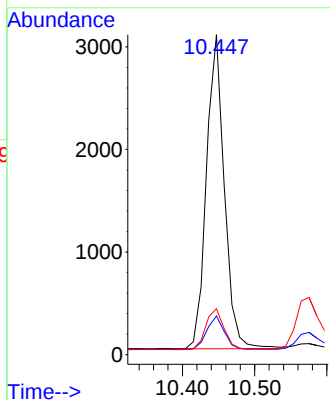
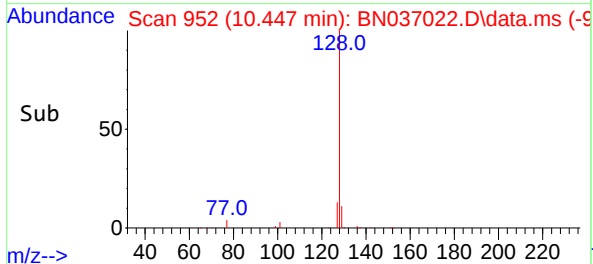
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



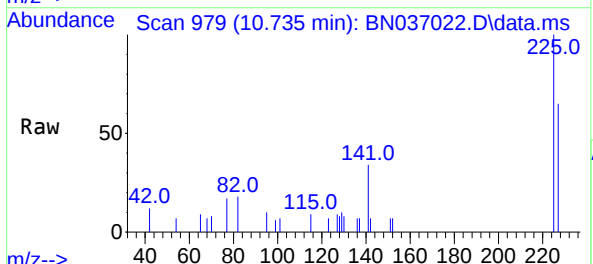
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Ion Ratio Lower Upper  
128 100  
129 12.1 9.7 14.5  
127 14.4 12.4 18.6

Manual Integrations  
APPROVED

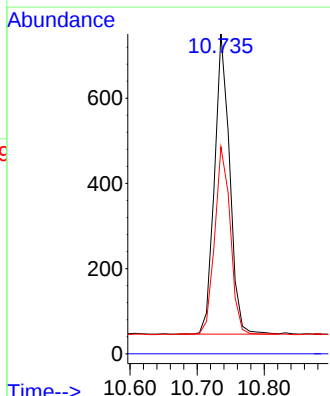
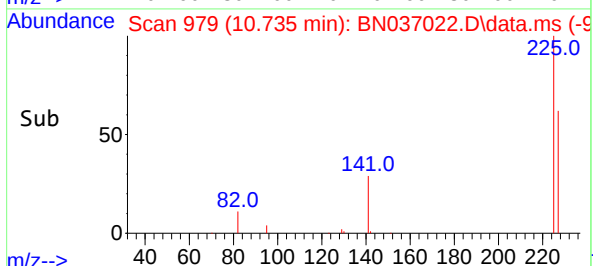
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

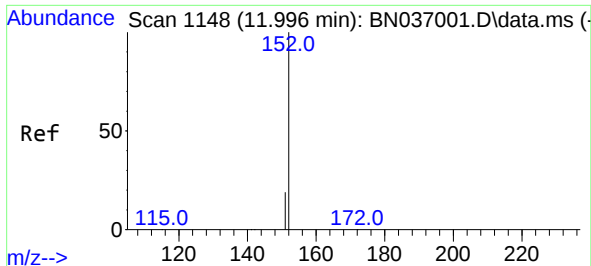


#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.735 min Scan# 979  
Delta R.T. -0.011 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



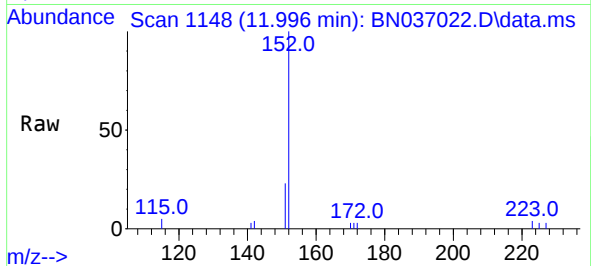
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.6 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.40 ng  
RT: 11.996 min Scan# 1148  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

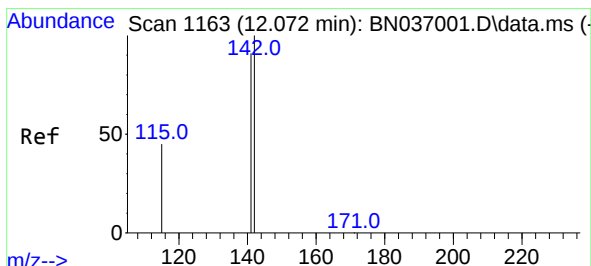
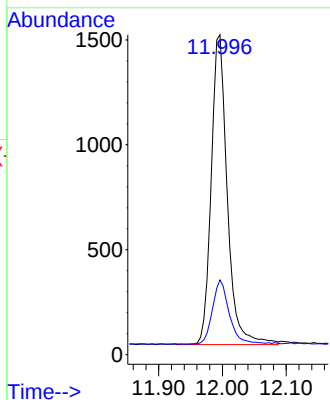
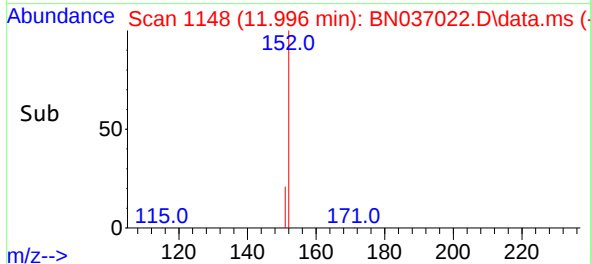
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



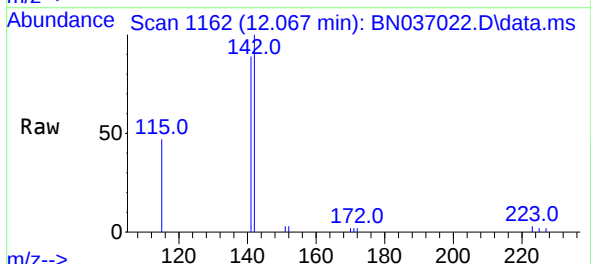
Tgt Ion:152 Resp: 2589  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.5 26.3

Manual Integrations  
APPROVED

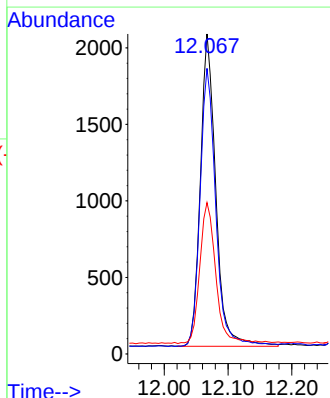
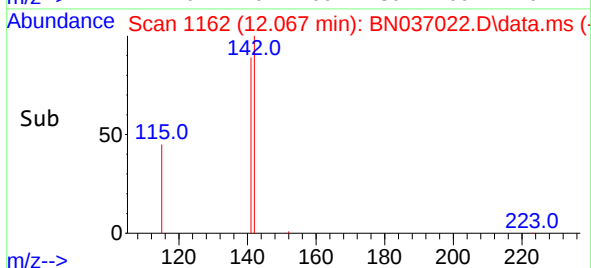
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

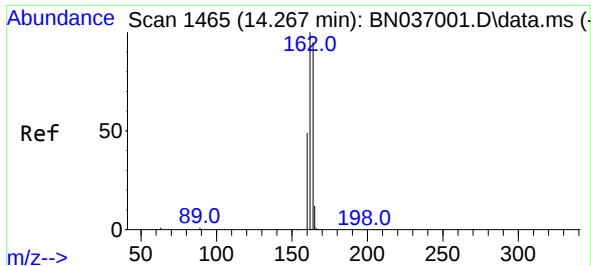


#12  
2-Methylnaphthalene  
Concen: 0.39 ng  
RT: 12.067 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



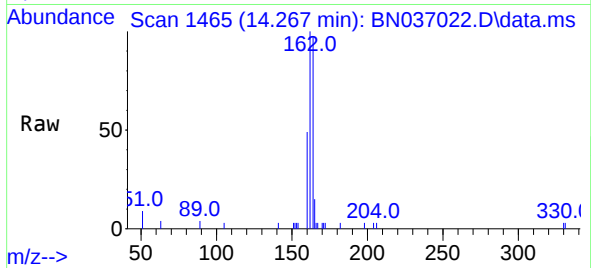
Tgt Ion:142 Resp: 3430  
Ion Ratio Lower Upper  
142 100  
141 89.2 73.3 109.9  
115 47.3 38.4 57.6





#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.267 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

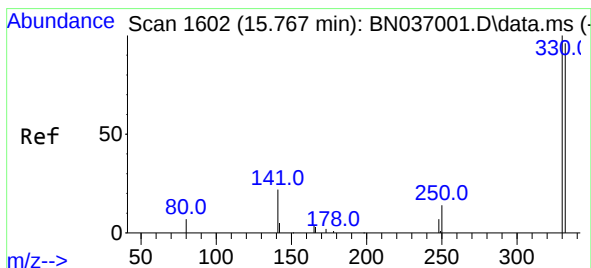
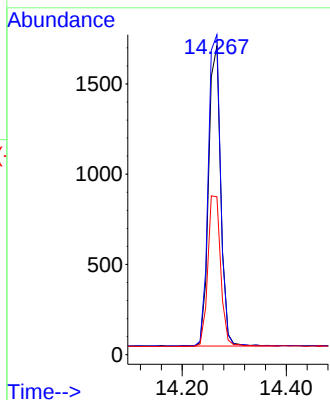
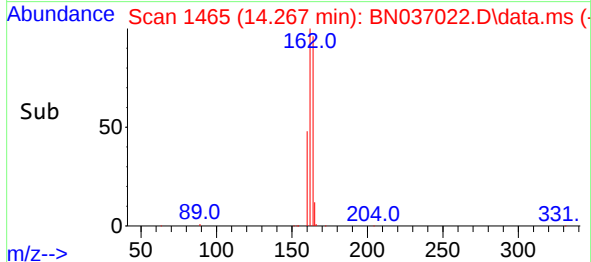
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



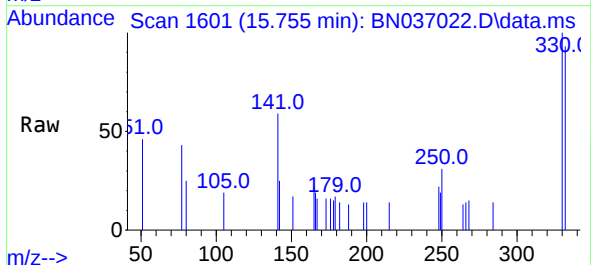
Tgt Ion:164 Resp: 2680  
Ion Ratio Lower Upper  
164 100  
162 103.6 84.2 126.4  
160 51.1 42.6 63.8

Manual Integrations  
APPROVED

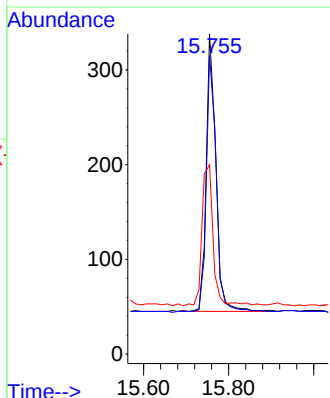
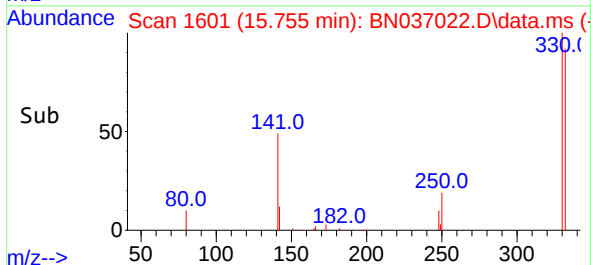
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

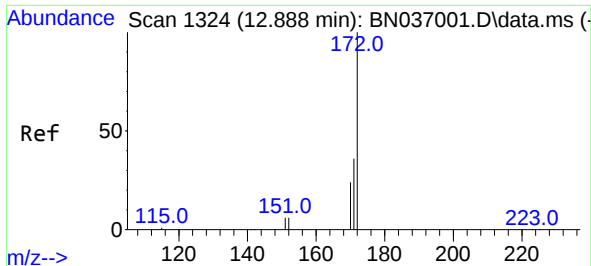


#14  
2,4,6-Tribromophenol  
Concen: 0.39 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion:330 Resp: 462  
Ion Ratio Lower Upper  
330 100  
332 97.0 73.8 110.8  
141 57.1 43.9 65.9





#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.883 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

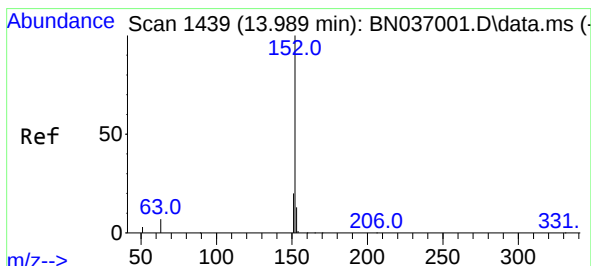
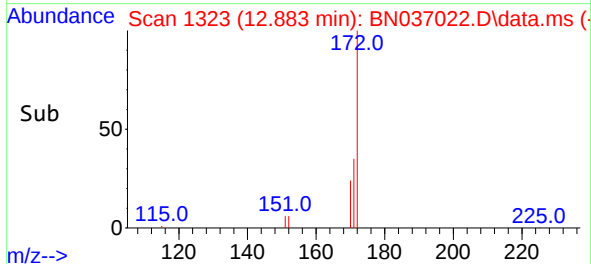
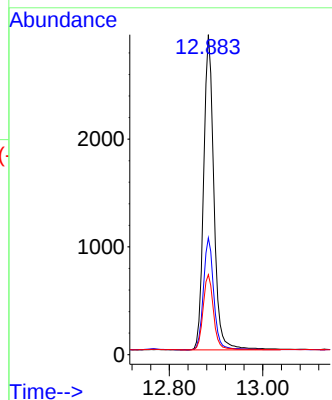
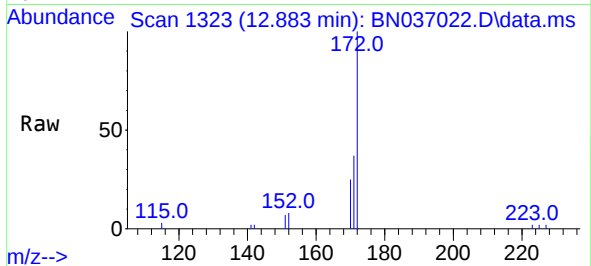
PB167952BSD

Tgt Ion:172 Resp: 4840  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.2 43.8  
170 25.0 20.5 30.7

Manual Integrations

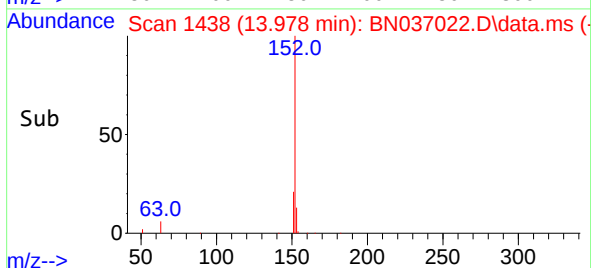
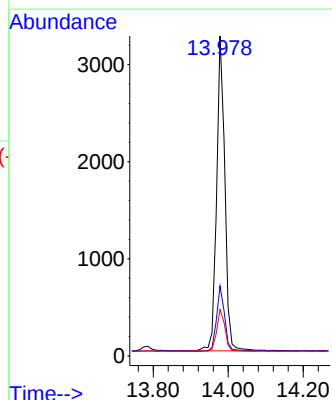
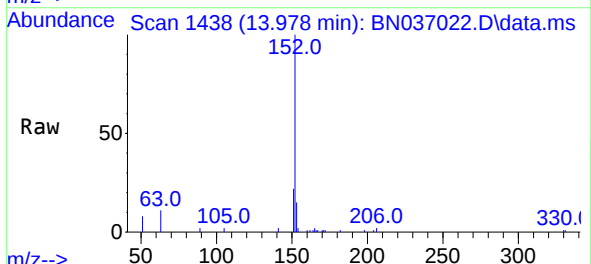
APPROVED

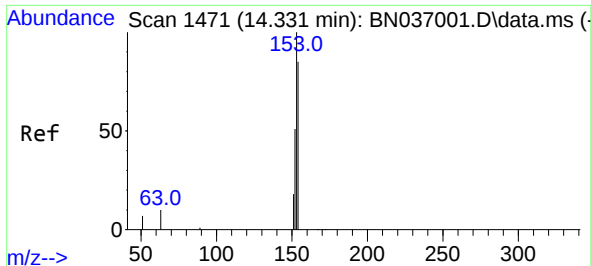
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#16  
Acenaphthylene  
Concen: 0.38 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

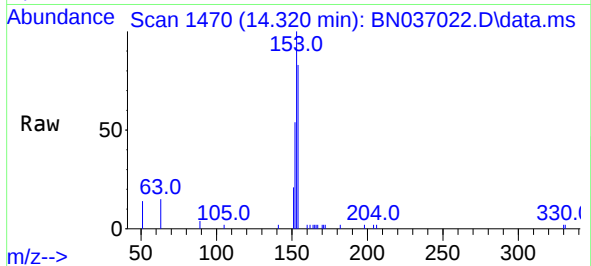
Tgt Ion:152 Resp: 4954  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.3 10.5 15.7





#17  
Acenaphthene  
Concen: 0.39 ng  
RT: 14.320 min Scan# 1470  
Delta R.T. -0.011 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

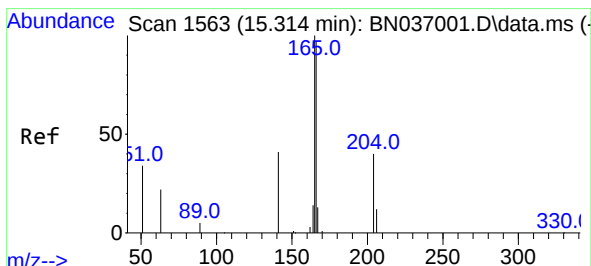
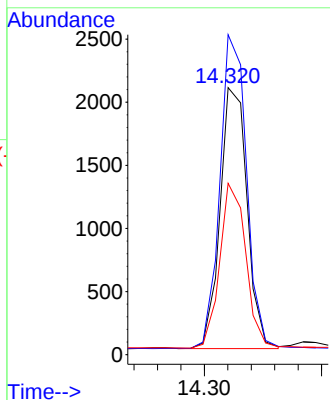
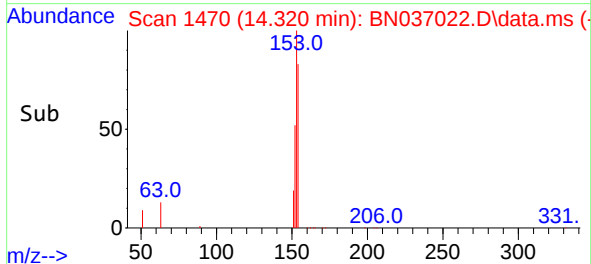
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



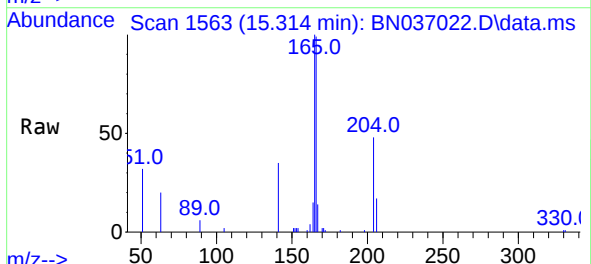
Tgt Ion:154 Resp: 3309  
Ion Ratio Lower Upper  
154 100  
153 119.1 94.2 141.4  
152 61.6 49.4 74.0

Manual Integrations  
APPROVED

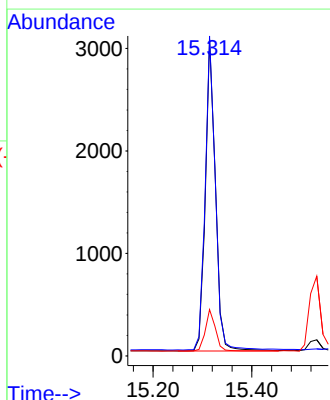
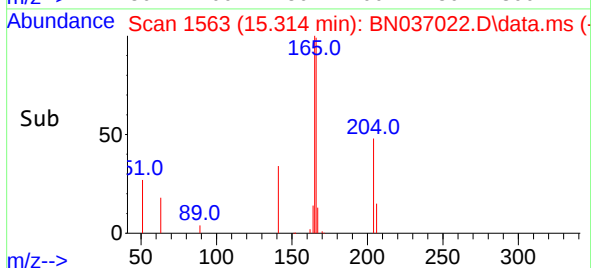
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

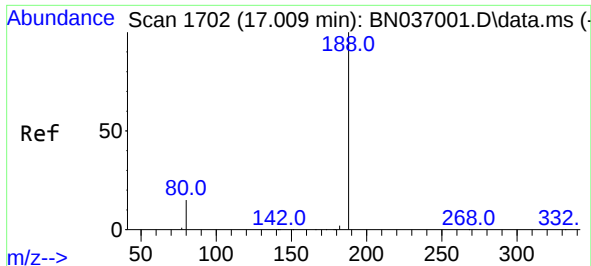


#18  
Fluorene  
Concen: 0.39 ng  
RT: 15.314 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



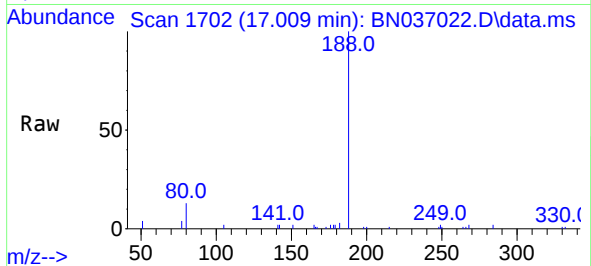
Tgt Ion:166 Resp: 4308  
Ion Ratio Lower Upper  
166 100  
165 100.6 80.6 120.8  
167 13.3 10.6 16.0





#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.009 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

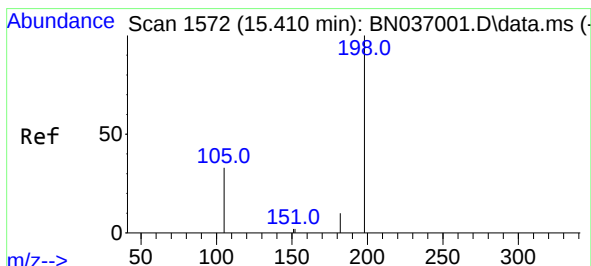
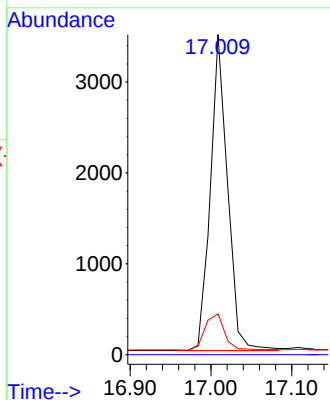
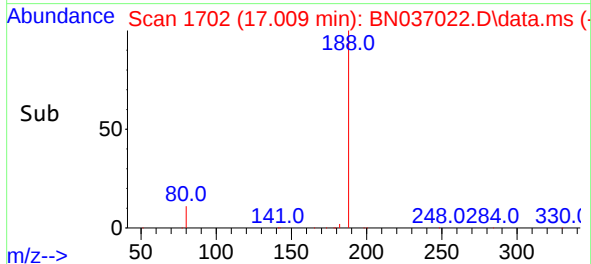
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



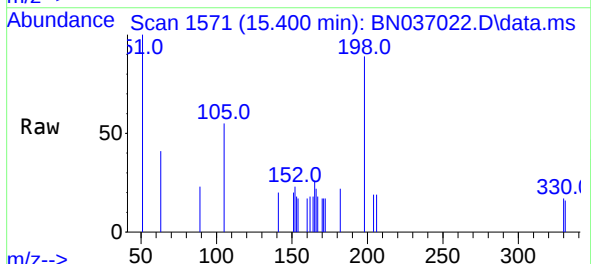
Tgt Ion:188 Resp: 514  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.7 13.4 20.0

Manual Integrations  
APPROVED

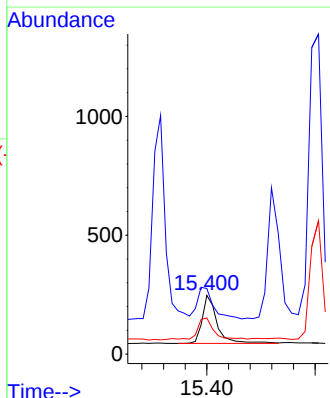
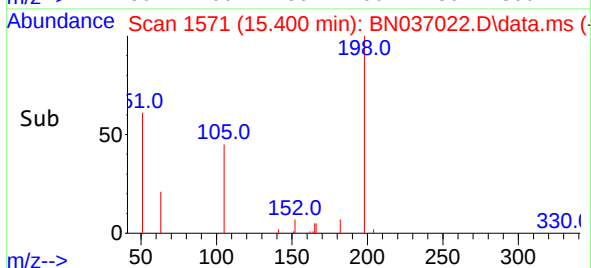
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

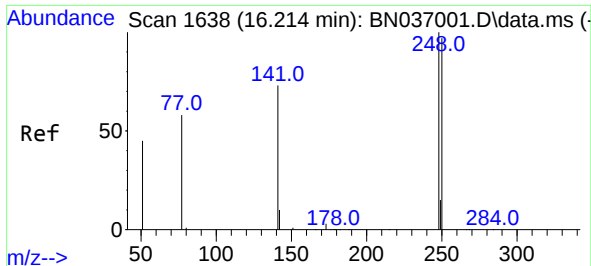


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.39 ng  
RT: 15.400 min Scan# 1571  
Delta R.T. -0.010 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



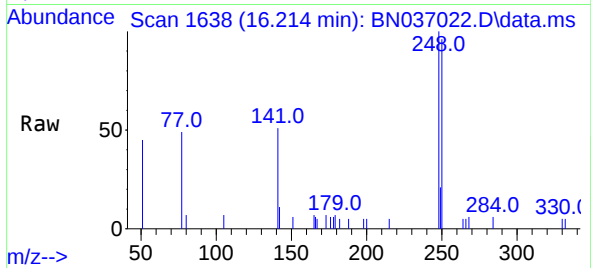
Tgt Ion:198 Resp: 388  
Ion Ratio Lower Upper  
198 100  
51 111.7 87.8 131.6  
105 61.5 44.2 66.4





#21  
4-Bromophenyl-phenylether  
Concen: 0.41 ng  
RT: 16.214 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

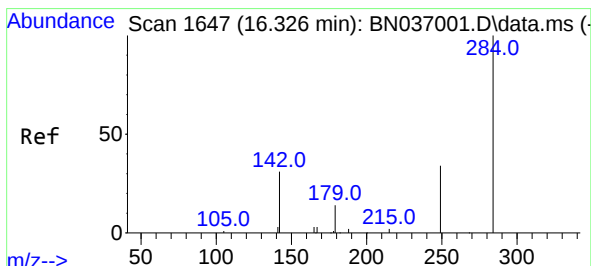
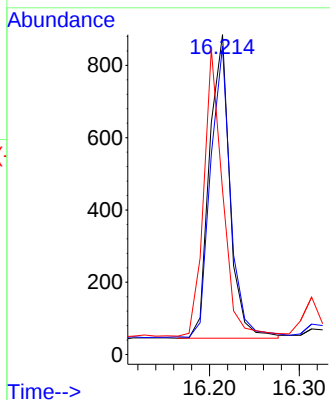
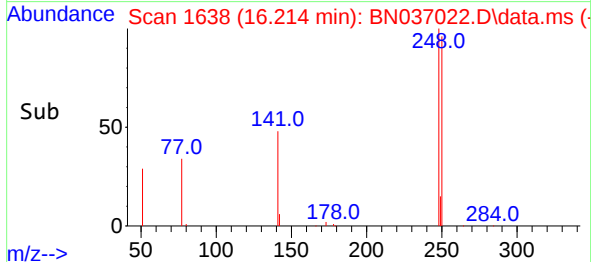
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



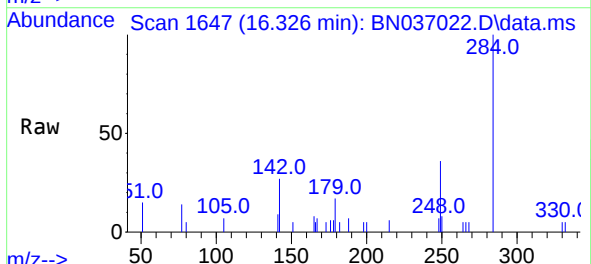
Tgt Ion:248 Resp: 1324  
Ion Ratio Lower Upper  
248 100  
250 96.4 78.1 117.1  
141 51.4 59.7 89.5

Manual Integrations  
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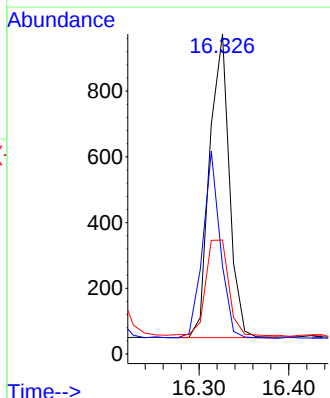
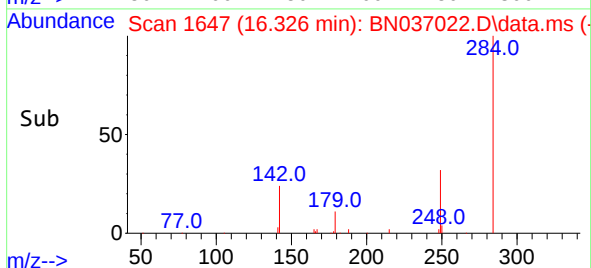
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

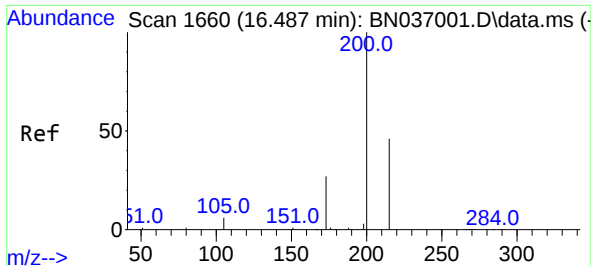


#22  
Hexachlorobenzene  
Concen: 0.40 ng  
RT: 16.326 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



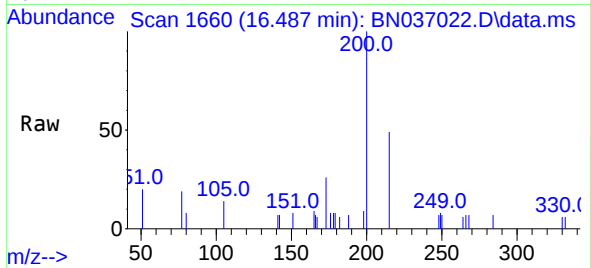
Tgt Ion:284 Resp: 1407  
Ion Ratio Lower Upper  
284 100  
142 55.2 41.2 61.8  
249 37.6 28.7 43.1





#23  
Atrazine  
Concen: 0.38 ng  
RT: 16.487 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

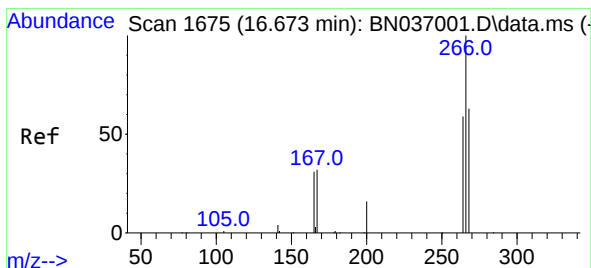
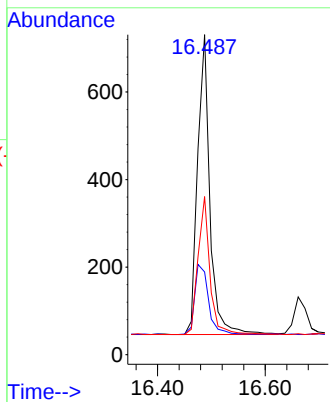
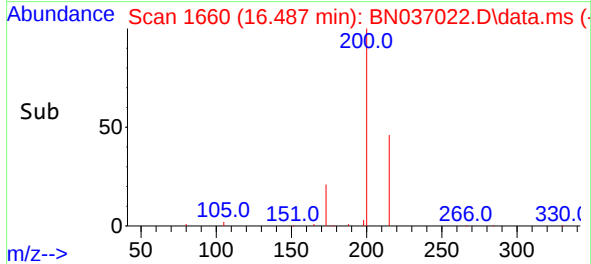
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



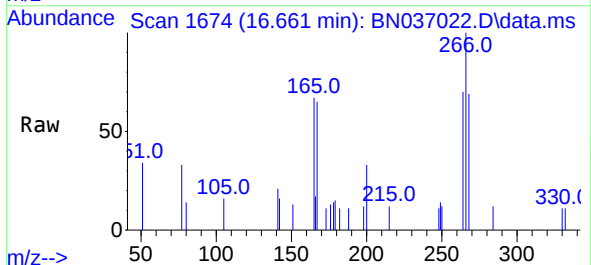
Tgt Ion:200 Resp: 1088  
Ion Ratio Lower Upper  
200 100  
173 25.9 25.2 37.8  
215 49.4 39.3 58.9

Manual Integrations  
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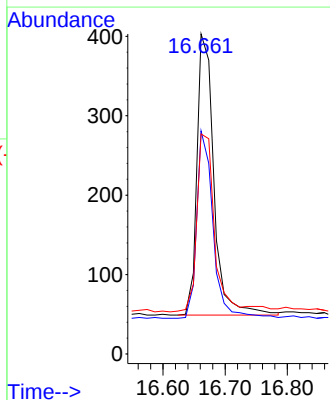
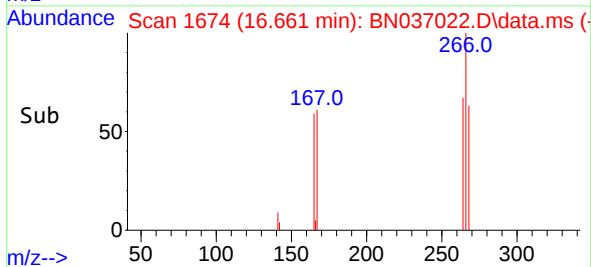
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

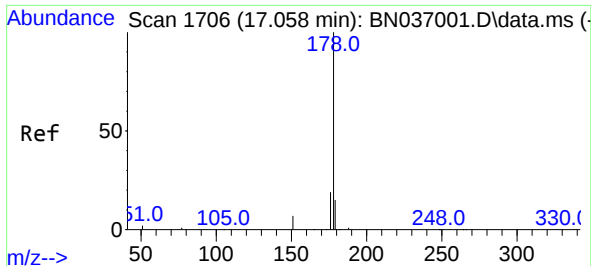


#24  
Pentachlorophenol  
Concen: 0.35 ng  
RT: 16.661 min Scan# 1674  
Delta R.T. -0.012 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion:266 Resp: 672  
Ion Ratio Lower Upper  
266 100  
264 64.4 47.9 71.9  
268 67.6 50.0 75.0





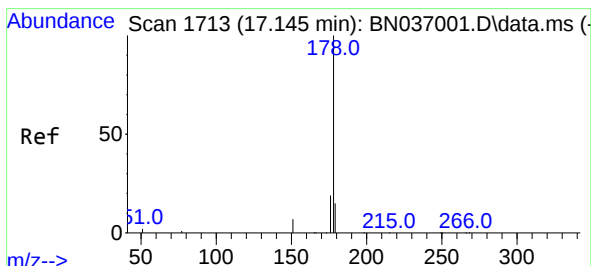
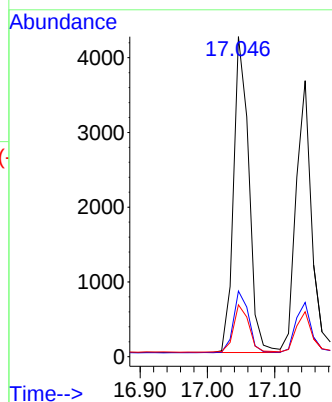
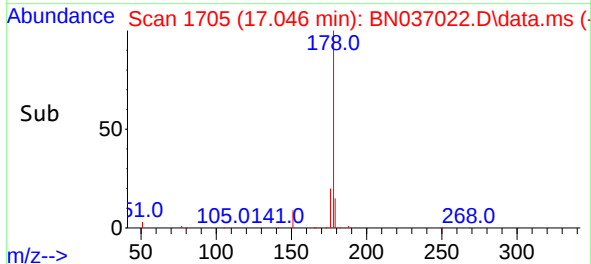
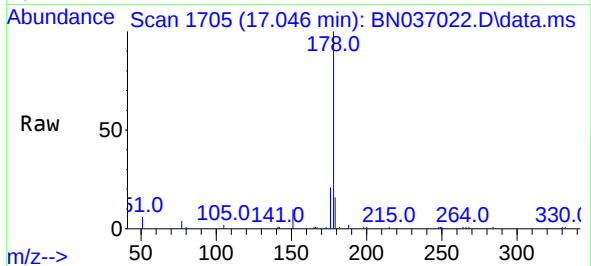
#25  
Phenanthrene  
Concen: 0.40 ng  
RT: 17.046 min Scan# 1706  
Delta R.T. -0.012 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD

Tgt Ion:178 Resp: 6700  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.7 23.5  
179 15.1 12.2 18.2

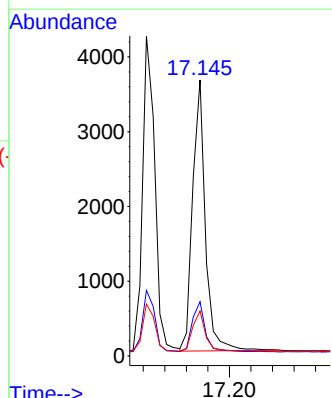
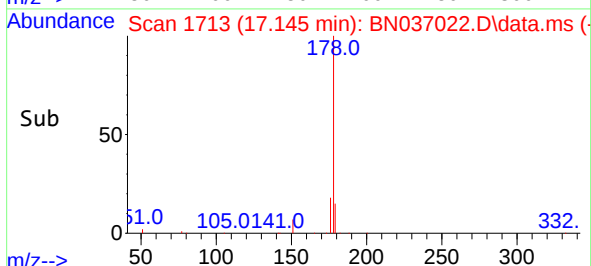
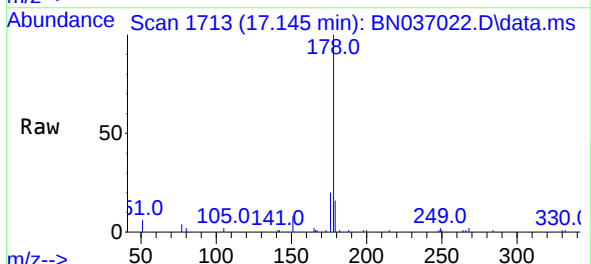
Manual Integrations  
APPROVED

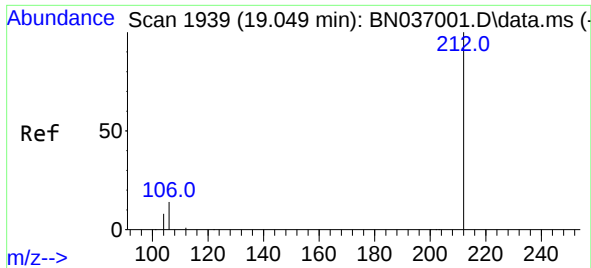
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#26  
Anthracene  
Concen: 0.39 ng  
RT: 17.145 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

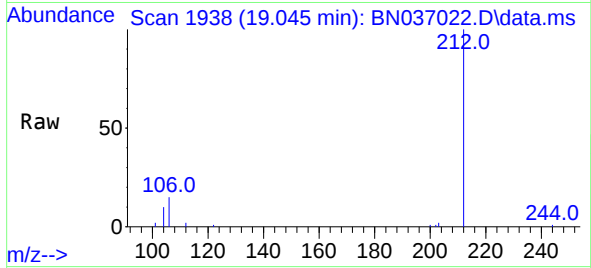
Tgt Ion:178 Resp: 5964  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.0 22.6  
179 15.0 12.3 18.5





#27  
Fluoranthene-d10  
Concen: 0.39 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. -0.004 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

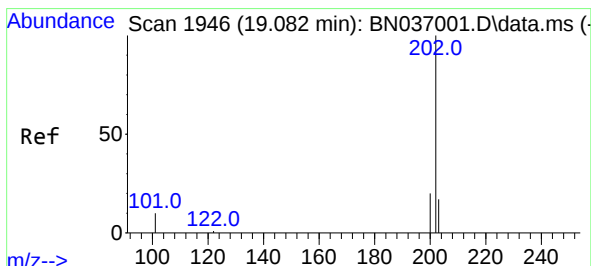
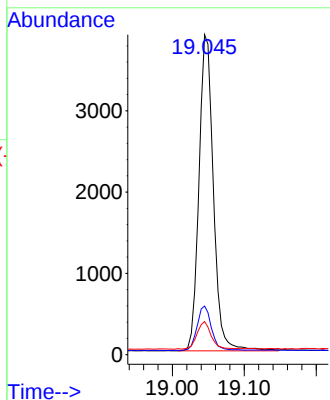
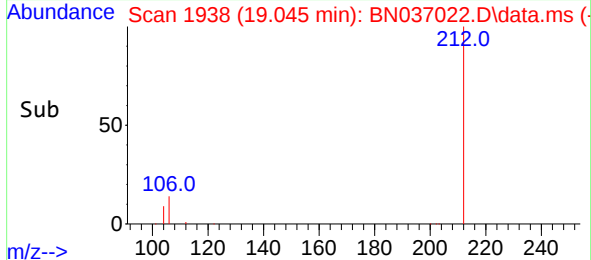
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



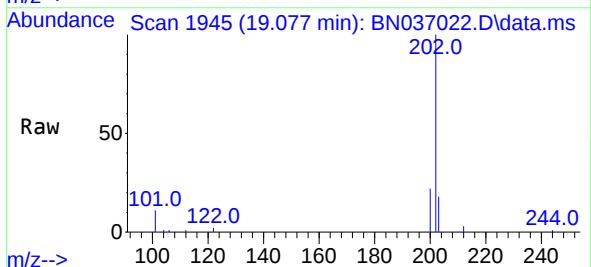
Tgt Ion:212 Resp: 5438  
Ion Ratio Lower Upper  
212 100  
106 14.0 11.3 16.9  
104 8.5 6.7 10.1

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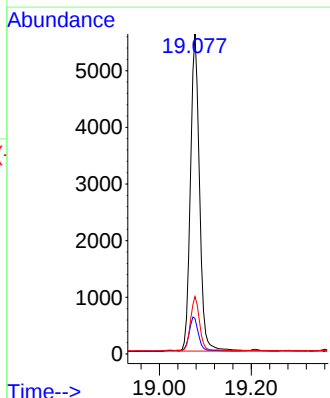
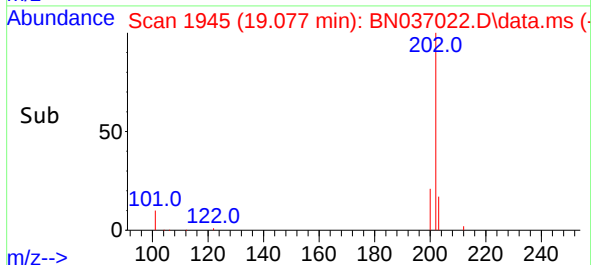
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

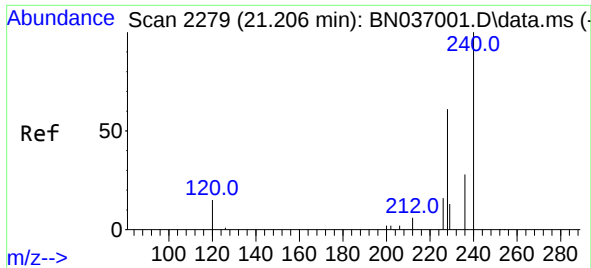


#28  
Fluoranthene  
Concen: 0.38 ng  
RT: 19.077 min Scan# 1945  
Delta R.T. -0.004 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



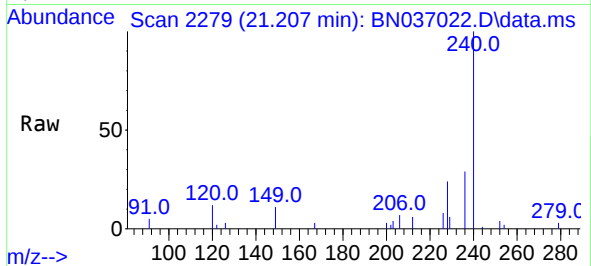
Tgt Ion:202 Resp: 7670  
Ion Ratio Lower Upper  
202 100  
101 11.5 8.9 13.3  
203 17.0 13.8 20.8





#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.207 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

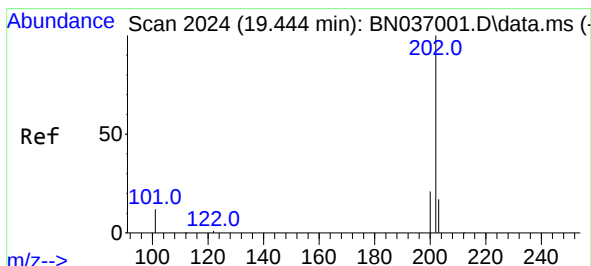
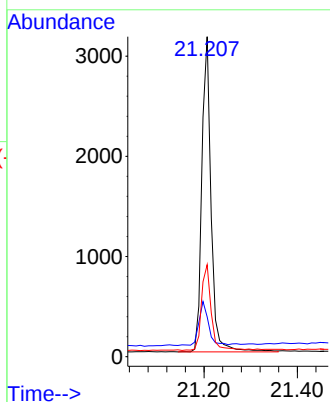
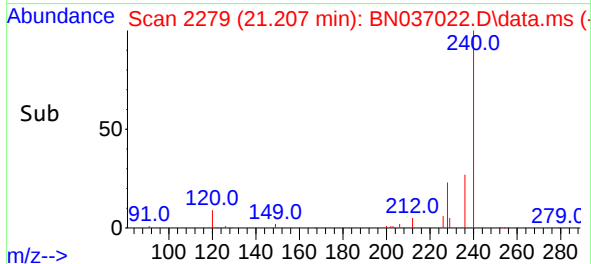
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



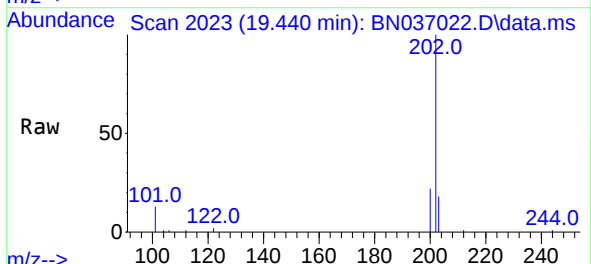
Tgt Ion:240 Resp: 4350  
Ion Ratio Lower Upper  
240 100  
120 12.4 15.1 22.7  
236 28.7 24.0 36.0

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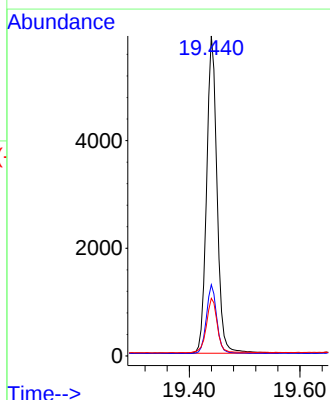
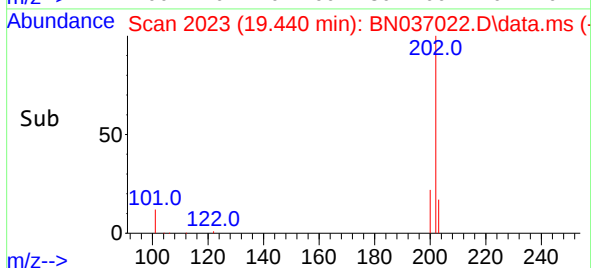
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

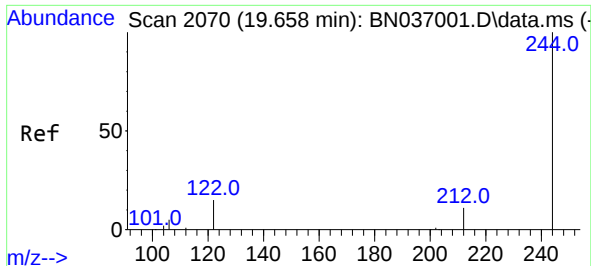


#30  
Pyrene  
Concen: 0.42 ng  
RT: 19.440 min Scan# 2023  
Delta R.T. -0.004 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion:202 Resp: 7749  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.1 25.7  
203 17.7 14.2 21.4





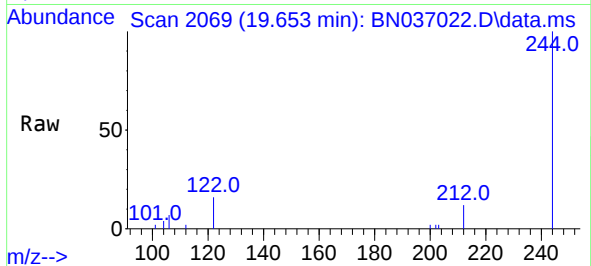
#31  
 Terphenyl-d14  
 Concen: 0.41 ng  
 RT: 19.653 min Scan# 2069  
 Delta R.T. -0.004 min  
 Lab File: BN037022.D  
 Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

PB167952BSD

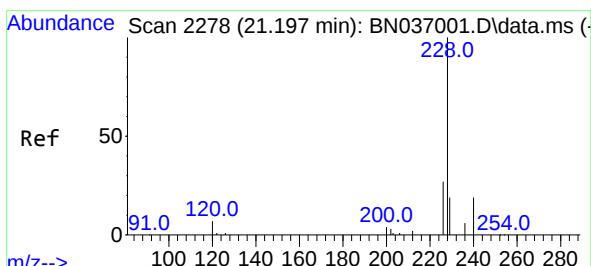
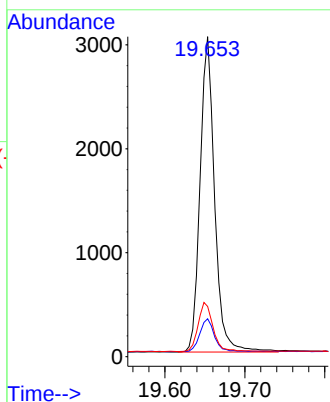
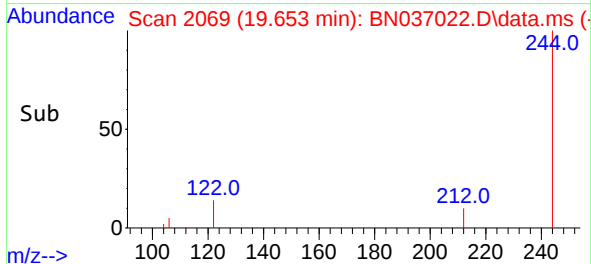


Tgt Ion:244 Resp: 3838  
 Ion Ratio Lower Upper  
 244 100  
 212 11.9 9.7 14.5  
 122 15.7 13.4 20.0

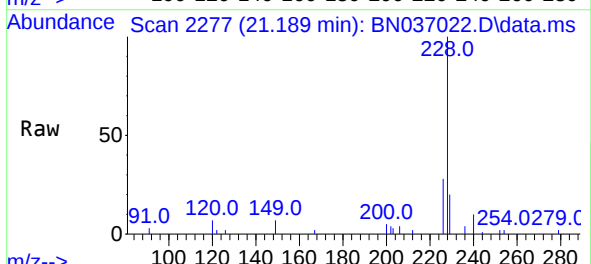
Manual Integrations

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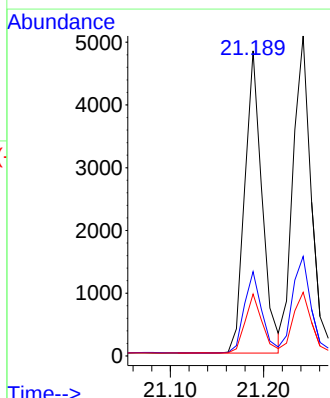
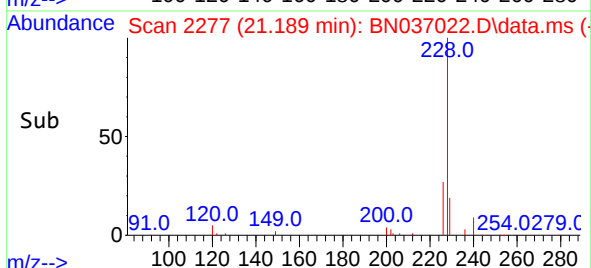
Reviewed By :Rahul Chavli 05/15/2025  
 Supervised By :Jagrut Upadhyay 05/15/2025

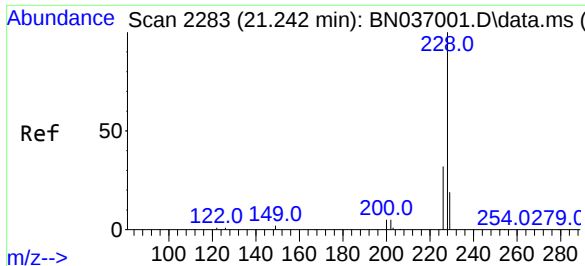


#32  
 Benzo(a)anthracene  
 Concen: 0.38 ng  
 RT: 21.189 min Scan# 2277  
 Delta R.T. -0.009 min  
 Lab File: BN037022.D  
 Acq: 14 May 2025 21:00



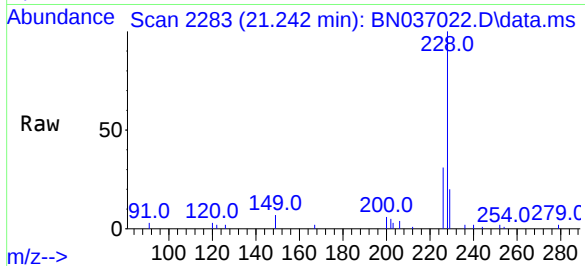
Tgt Ion:228 Resp: 6212  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 22.2 33.4  
 229 20.3 16.0 24.0





#33  
Chrysene  
Concen: 0.41 ng  
RT: 21.242 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

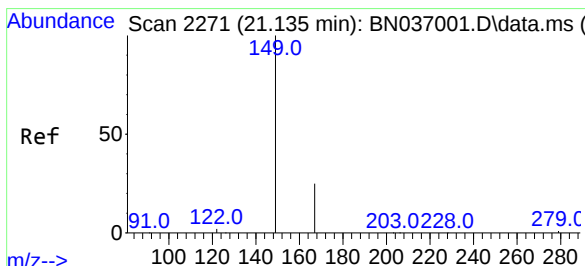
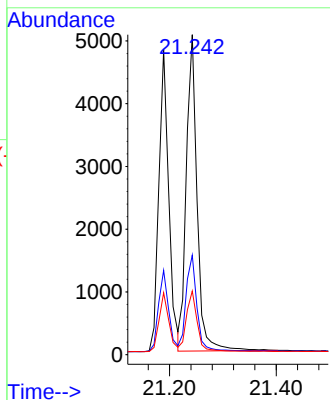
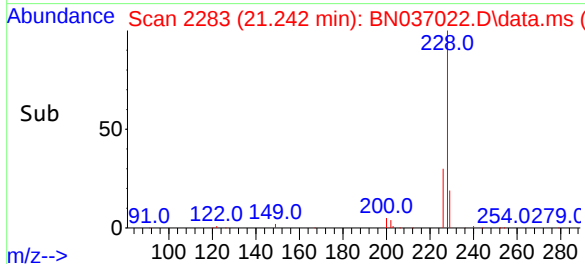
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



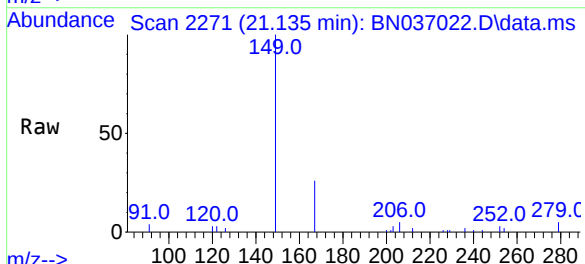
Tgt Ion:228 Resp: 7091  
Ion Ratio Lower Upper  
228 100  
226 31.1 26.3 39.5  
229 19.9 16.2 24.2

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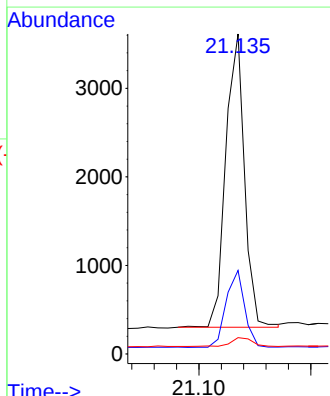
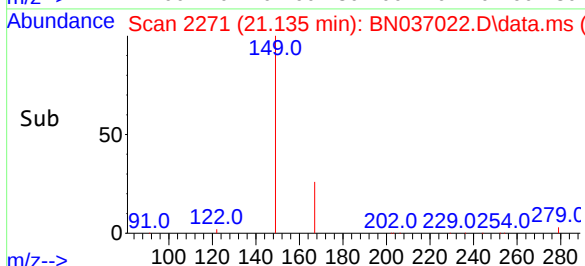
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

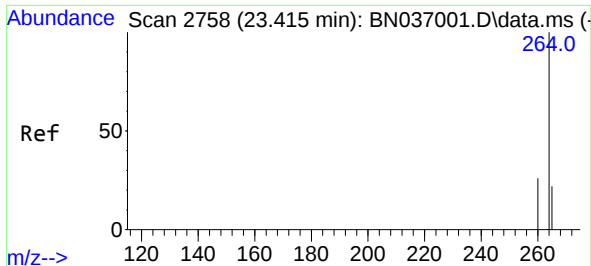


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.38 ng  
RT: 21.135 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



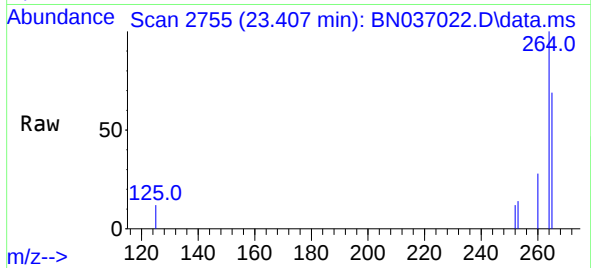
Tgt Ion:149 Resp: 3852  
Ion Ratio Lower Upper  
149 100  
167 26.0 20.6 30.8  
279 3.4 2.6 3.8





#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.407 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

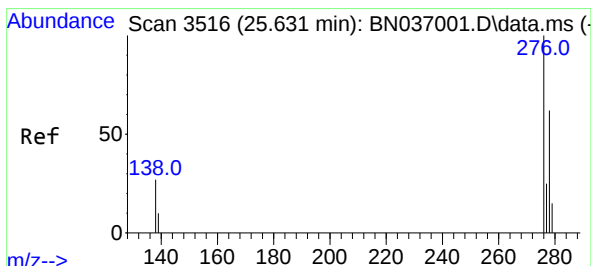
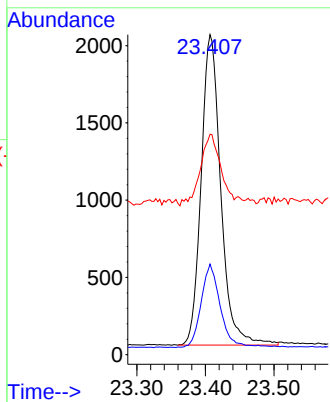
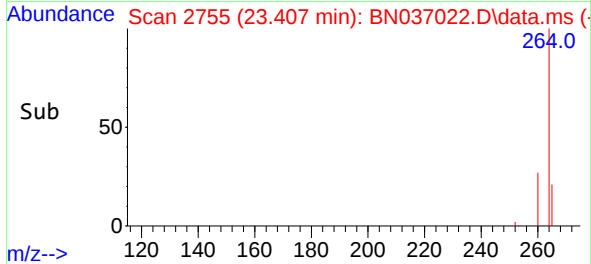
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



Tgt Ion:264 Resp: 3999  
Ion Ratio Lower Upper  
264 100  
260 28.3 21.9 32.9  
265 68.9 51.6 77.4

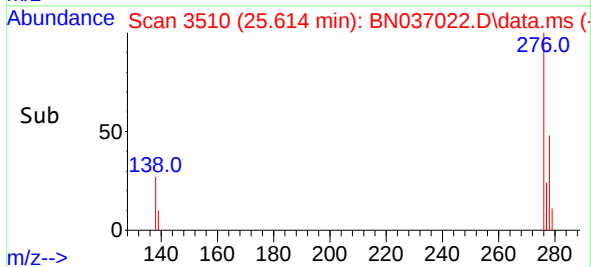
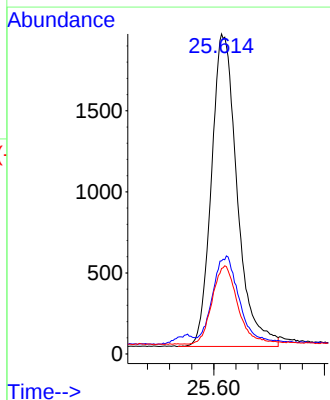
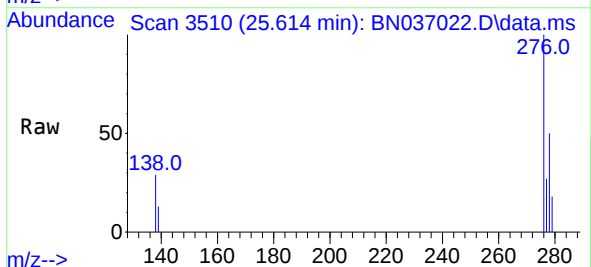
Manual Integrations  
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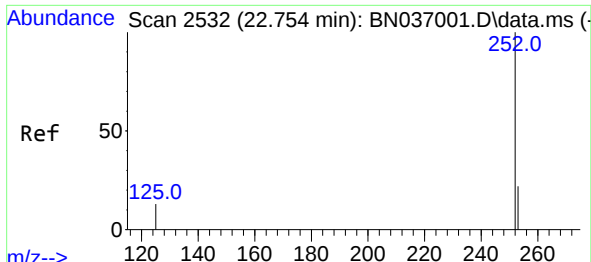
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.38 ng  
RT: 25.614 min Scan# 3510  
Delta R.T. -0.017 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

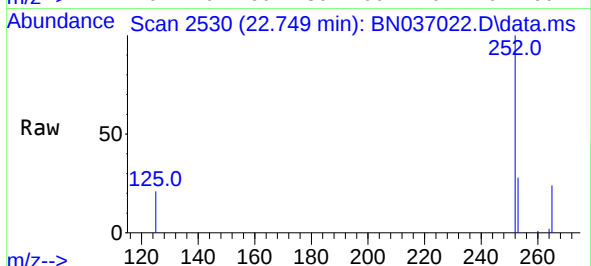
Tgt Ion:276 Resp: 6218  
Ion Ratio Lower Upper  
276 100  
138 28.2 22.7 34.1  
277 25.1 20.0 30.0





#37  
Benzo(b)fluoranthene  
Concen: 0.39 ng  
RT: 22.749 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

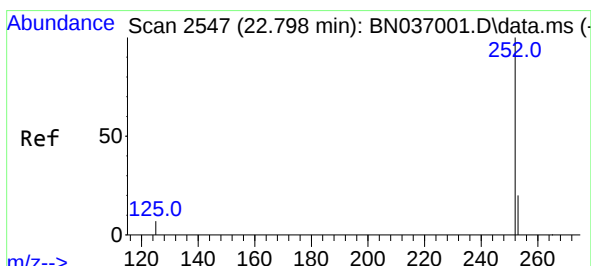
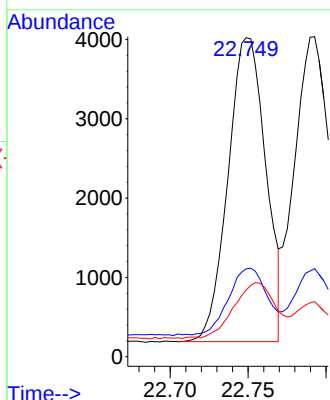
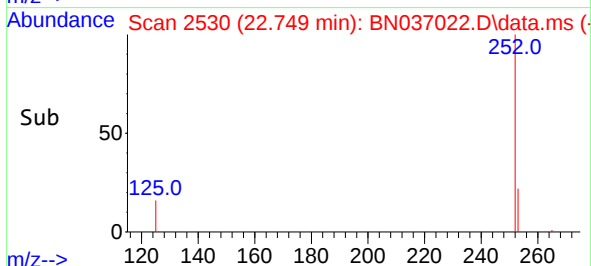
Instrument :  
BNA\_N  
ClientSampleId :  
PB167952BSD



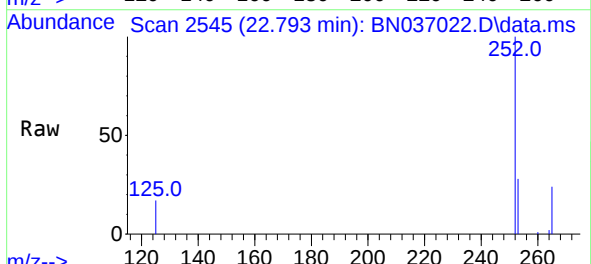
Tgt Ion:252 Resp: 645  
Ion Ratio Lower Upper  
252 100  
253 27.6 21.8 32.6  
125 20.9 14.6 21.8

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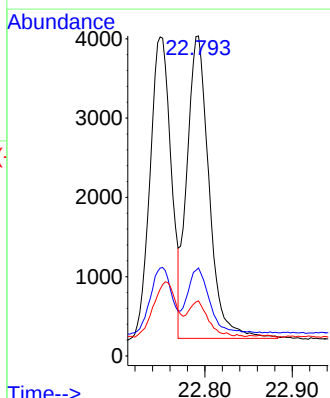
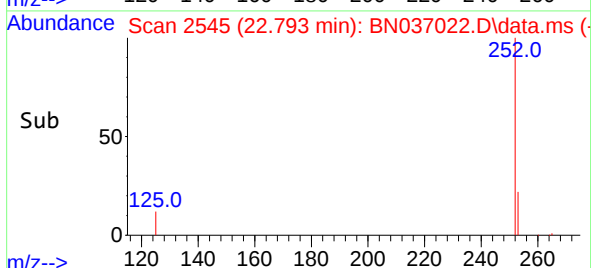
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

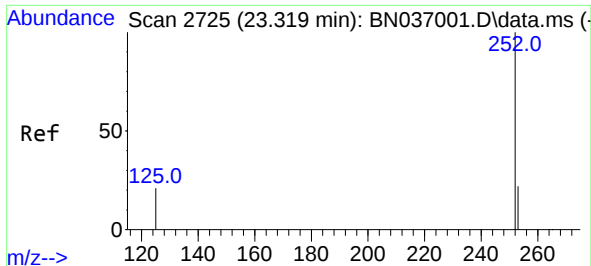


#38  
Benzo(k)fluoranthene  
Concen: 0.41 ng m  
RT: 22.793 min Scan# 2545  
Delta R.T. -0.006 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion:252 Resp: 6689  
Ion Ratio Lower Upper  
252 100  
253 27.5 21.4 32.2  
125 17.2 13.0 19.4





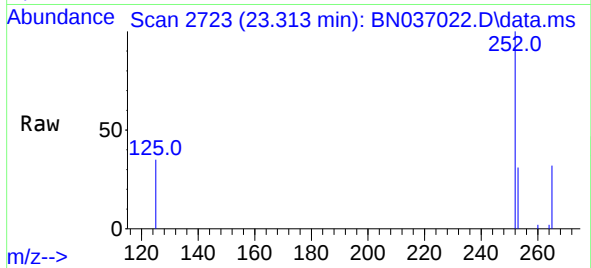
#39  
Benzo(a)pyrene  
Concen: 0.40 ng  
RT: 23.313 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

PB167952BSD

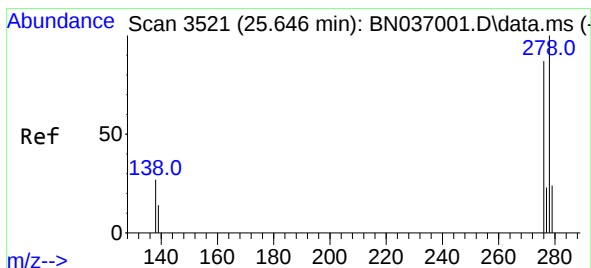
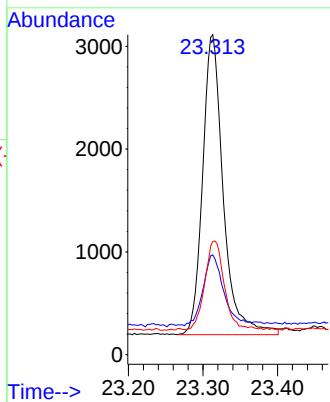
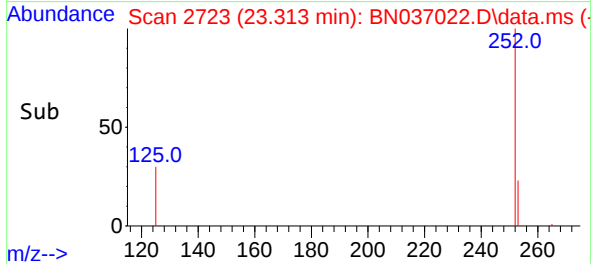


Tgt Ion:252 Resp: 562  
Ion Ratio Lower Upper  
252 100  
253 31.2 23.8 35.6  
125 35.4 21.8 32.6

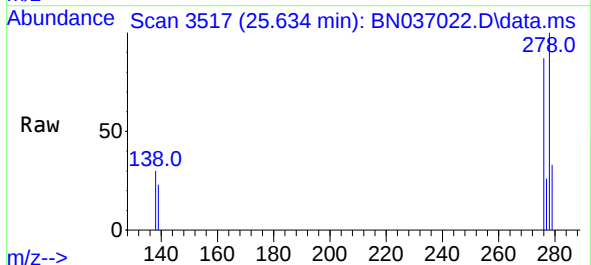
Manual Integrations

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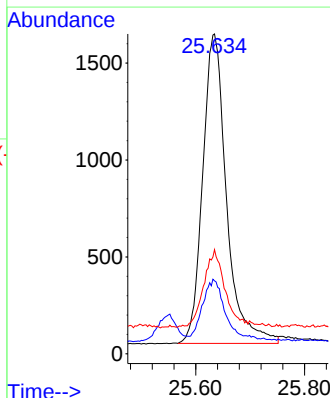
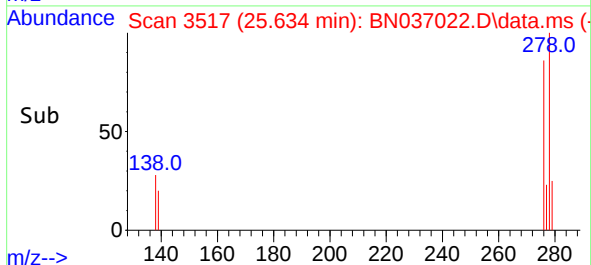
Reviewed By :Rahul Chavli 05/15/2025  
Supervised By :Jagrut Upadhyay 05/15/2025

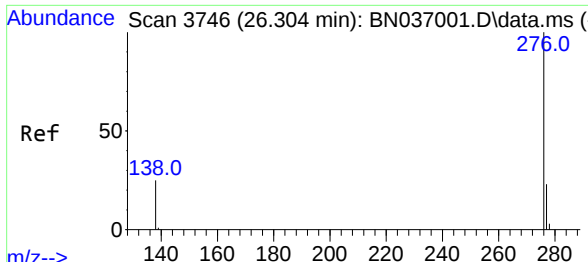


#40  
Dibenzo(a,h)anthracene  
Concen: 0.38 ng  
RT: 25.634 min Scan# 3517  
Delta R.T. -0.012 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00



Tgt Ion:278 Resp: 4843  
Ion Ratio Lower Upper  
278 100  
139 22.8 17.4 26.0  
279 32.6 24.6 37.0





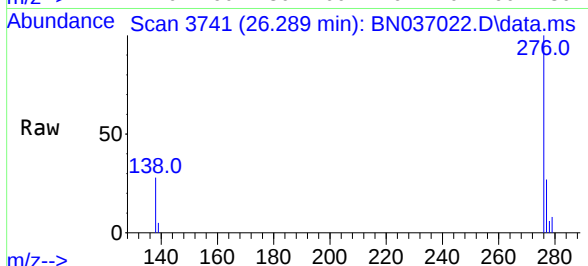
#41  
Benzo(g,h,i)perylene  
Concen: 0.39 ng  
RT: 26.289 min Scan# 31  
Delta R.T. -0.014 min  
Lab File: BN037022.D  
Acq: 14 May 2025 21:00

Instrument :

BNA\_N

ClientSampleId :

PB167952BSD



Tgt Ion:276 Resp: 5369  
Ion Ratio Lower Upper  
276 100  
277 26.7 20.2 30.4  
138 28.4 22.0 33.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/15/2025

Supervised By :Jagrut Upadhyay 05/15/2025

