

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030015.D  
 Acq On : 25 Feb 2024 05:55  
 Operator : MA/JU  
 Sample : PB159197BSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159197BSD

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 02:48:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4774     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 12271    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.500 | 164  | 5323     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 9791     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.456 | 240  | 6228     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.823 | 264  | 5717     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 4213     | 0.367 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 4804     | 0.363 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 3960     | 0.388 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.246 | 152  | 7378     | 0.442 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 492      | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.121 | 172  | 8909     | 0.390 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.289 | 212  | 8156     | 0.344 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.903 | 244  | 6336     | 0.410 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 1823     | 0.271 | ng    | # 25     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 2106     | 0.385 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.298  | 93   | 4766     | 0.378 | ng    | 100      |
| 9) Naphthalene                | 10.701 | 128  | 12455    | 0.356 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 2424     | 0.366 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.321 | 142  | 7096     | 0.346 | ng    | 98       |
| 16) Acenaphthylene            | 14.222 | 152  | 8894     | 0.352 | ng    | 100      |
| 17) Acenaphthene              | 14.564 | 154  | 5861     | 0.345 | ng    | 100      |
| 18) Fluorene                  | 15.555 | 166  | 7157     | 0.336 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 362      | 0.252 | ng    | # 87     |
| 21) 4-Bromophenyl-phenylether | 16.461 | 248  | 2136m    | 0.367 | ng    |          |
| 22) Hexachlorobenzene         | 16.548 | 284  | 2677     | 0.375 | ng    | 94       |
| 23) Atrazine                  | 16.746 | 200  | 1466     | 0.354 | ng    | 99       |
| 24) Pentachlorophenol         | 16.908 | 266  | 983      | 0.434 | ng    | 97       |
| 25) Phenanthrene              | 17.293 | 178  | 9939     | 0.343 | ng    | 99       |
| 26) Anthracene                | 17.392 | 178  | 8316     | 0.337 | ng    | 100      |
| 28) Fluoranthene              | 19.322 | 202  | 10565    | 0.324 | ng    | 98       |
| 30) Pyrene                    | 19.684 | 202  | 10715    | 0.374 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.447 | 228  | 7288     | 0.343 | ng    | 99       |
| 33) Chrysene                  | 21.492 | 228  | 9083     | 0.376 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 4406     | 0.304 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.285 | 276  | 9713m    | 0.423 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.107 | 252  | 7397     | 0.362 | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 23.157 | 252  | 7878     | 0.368 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.721 | 252  | 7266     | 0.408 | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 26.320 | 278  | 7390     | 0.404 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 27.013 | 276  | 8729     | 0.392 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

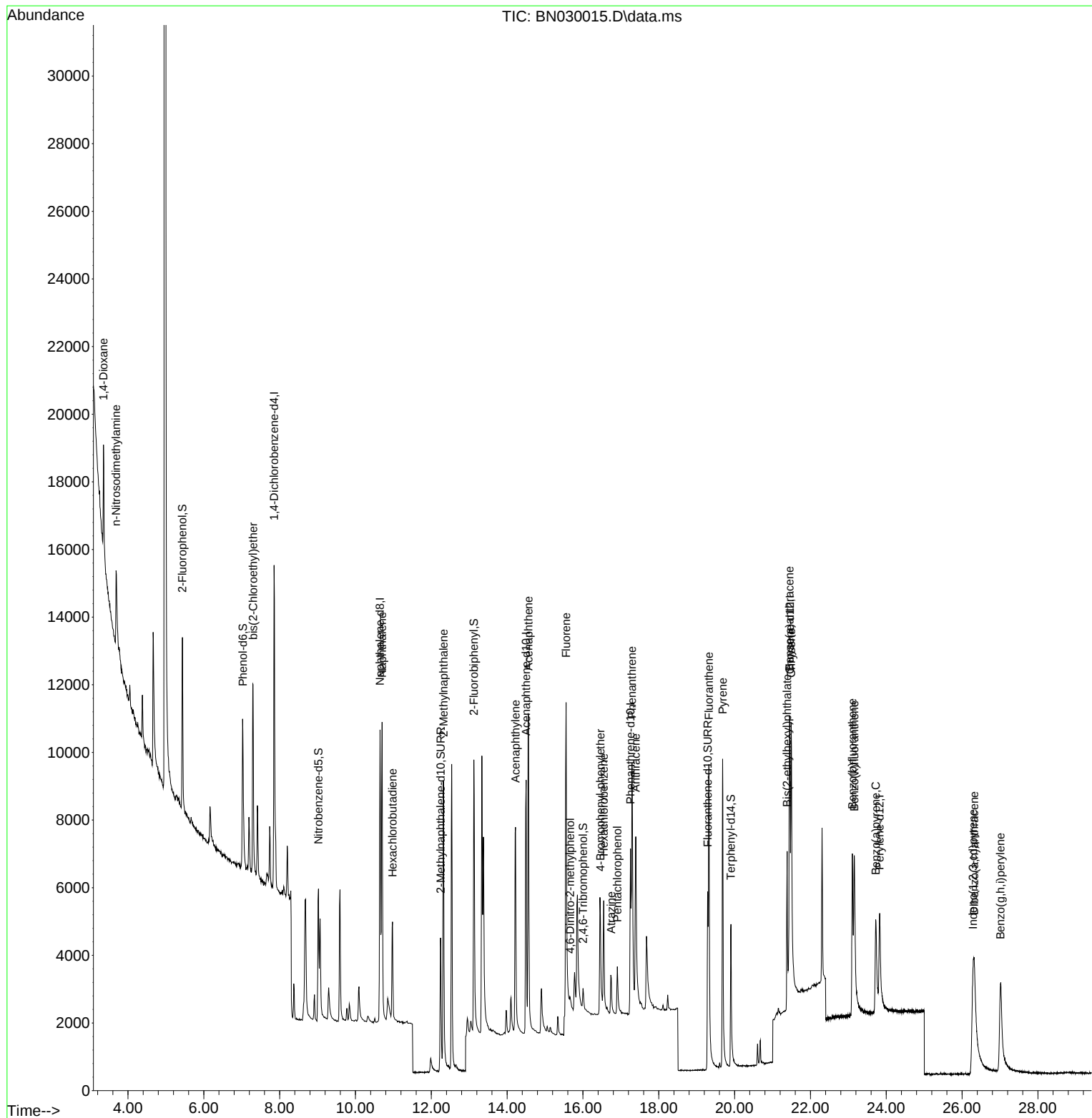
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
Data File : BN030015.D  
Acq On : 25 Feb 2024 05:55  
Operator : MA/JU  
Sample : PB159197BSD  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 02:48:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 26 02:39:45 2024  
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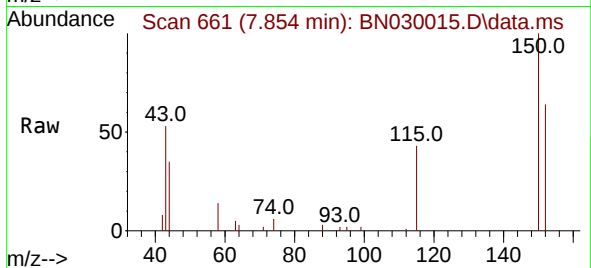
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 60  
 Delta R.T. 0.000 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

Instrument :

BNA\_N

ClientSampleId :

PB159197BSD

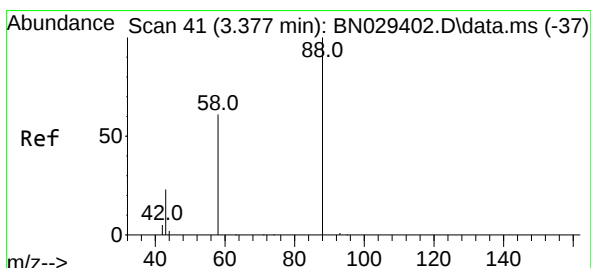
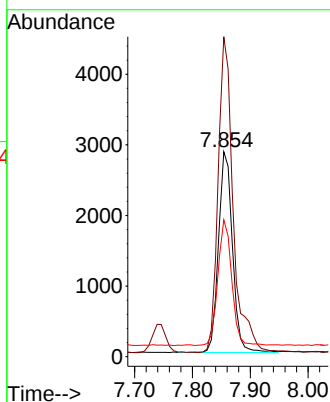
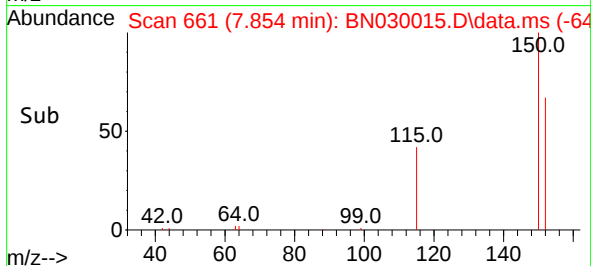


Tgt Ion: 152 Resp: 4774  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 123.0 184.4  
 115 66.8 51.4 77.0

Manual Integrations

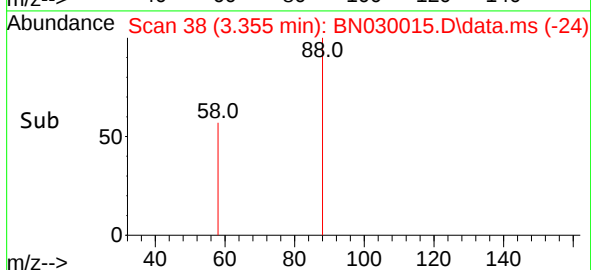
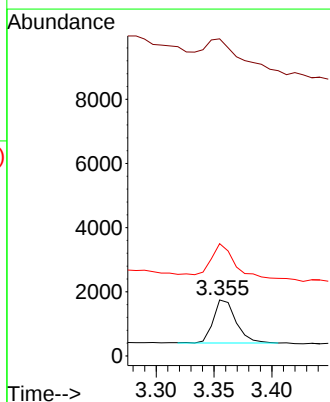
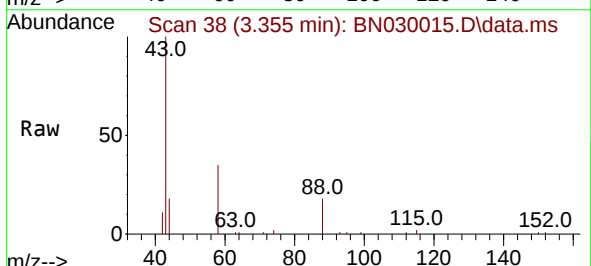
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Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#2  
 1,4-Dioxane  
 Concen: 0.271 ng  
 RT: 3.355 min Scan# 38  
 Delta R.T. 0.000 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

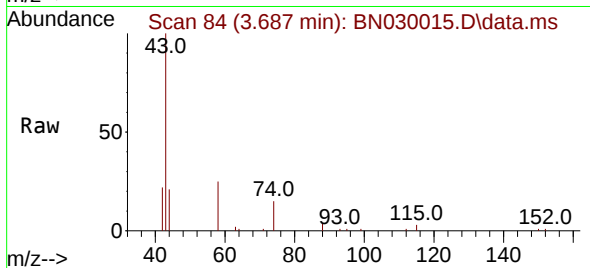
Tgt Ion: 88 Resp: 1823  
 Ion Ratio Lower Upper  
 88 100  
 43 137.9 23.3 34.9#  
 58 82.3 53.8 80.6#





#3  
n-Nitrosodimethylamine  
Concen: 0.385 ng  
RT: 3.687 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

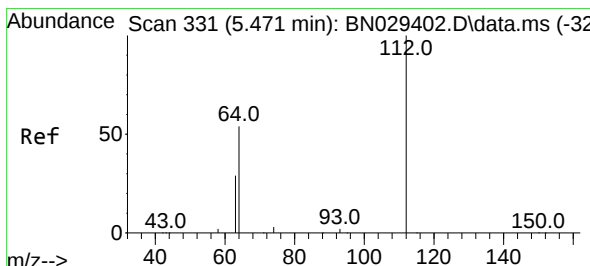
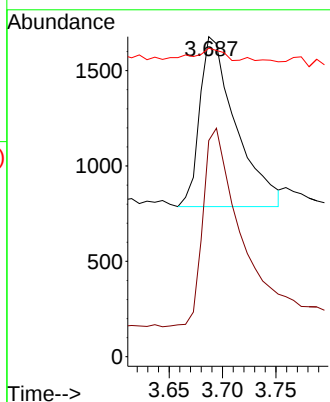
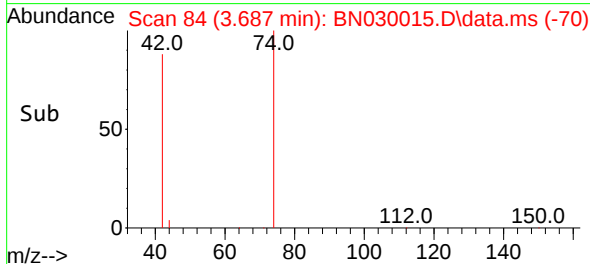
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion: 42 Resp: 2100  
Ion Ratio Lower Upper  
42 100  
74 123.9 93.7 140.5  
44 4.7 13.0 19.4

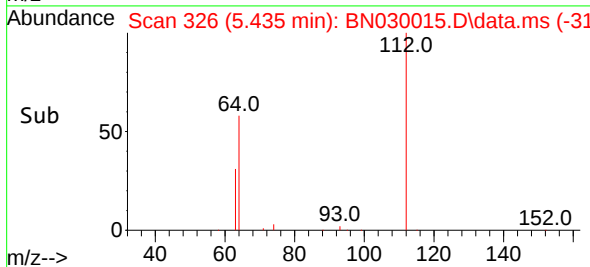
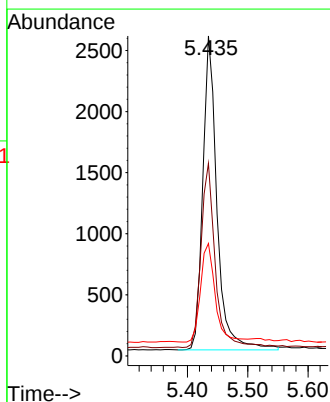
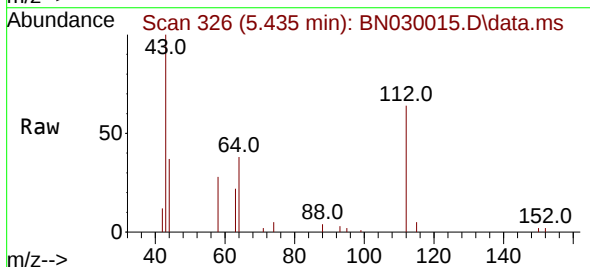
Manual Integrations  
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Supervised By :mohammad ahmed 02/27/2024



#4  
2-Fluorophenol  
Concen: 0.367 ng  
RT: 5.435 min Scan# 326  
Delta R.T. 0.007 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

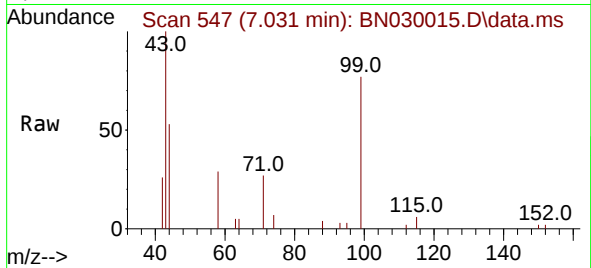
Tgt Ion:112 Resp: 4213  
Ion Ratio Lower Upper  
112 100  
64 59.2 47.2 70.8  
63 32.4 25.8 38.6





#5  
Phenol-d6  
Concen: 0.363 ng  
RT: 7.031 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

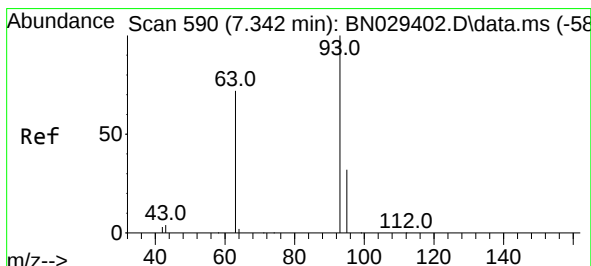
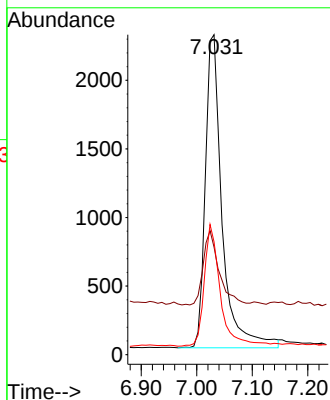
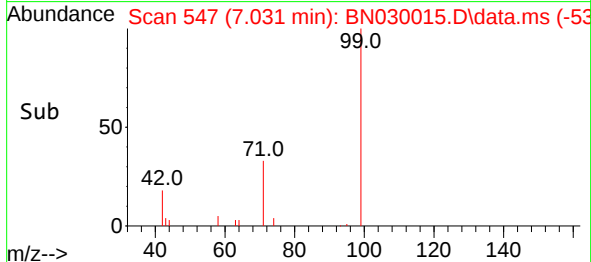
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion: 99 Resp: 4804  
Ion Ratio Lower Upper  
99 100  
42 22.3 16.9 25.3  
71 37.4 30.0 45.0

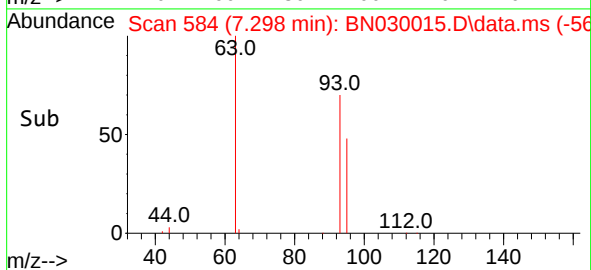
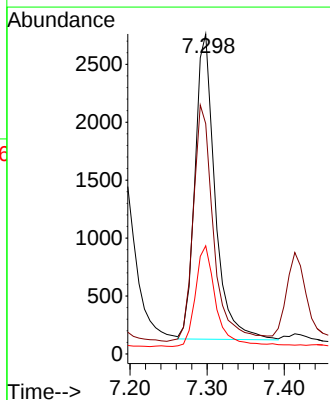
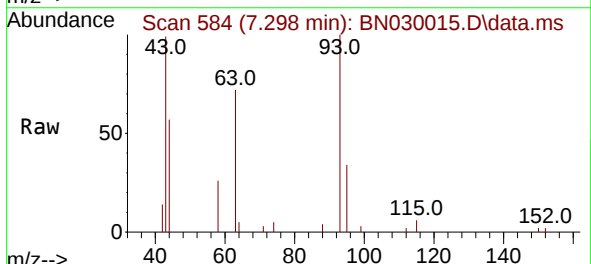
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Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.378 ng  
RT: 7.298 min Scan# 584  
Delta R.T. 0.007 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Tgt Ion: 93 Resp: 4766  
Ion Ratio Lower Upper  
93 100  
63 78.8 63.1 94.7  
95 34.1 27.1 40.7





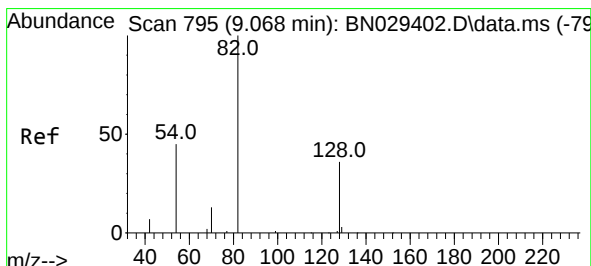
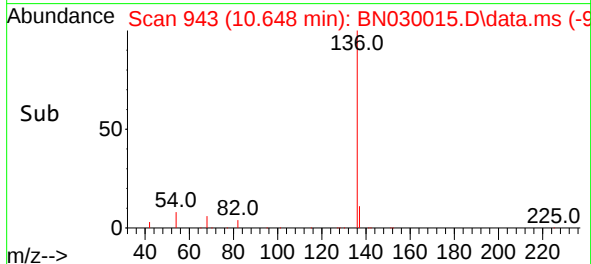
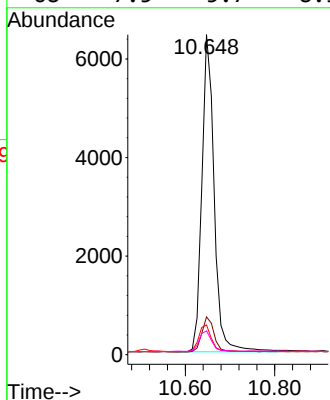
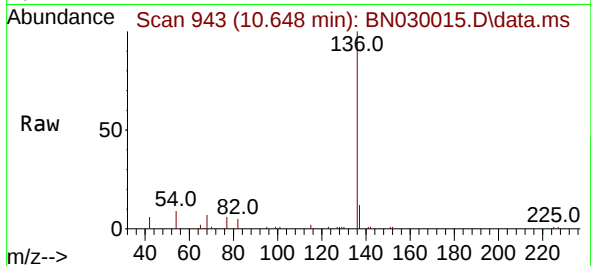
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1227 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.8  | 9.7   | 14.5 |
| 54        | 9.3   | 6.6   | 10.0 |
| 68        | 7.5   | 5.7   | 8.5  |

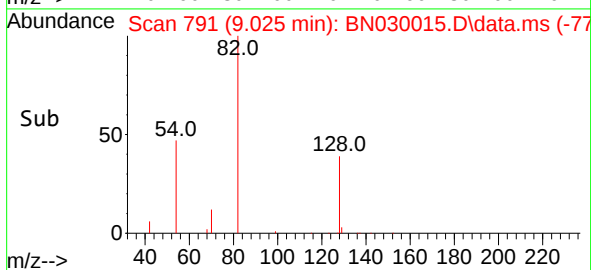
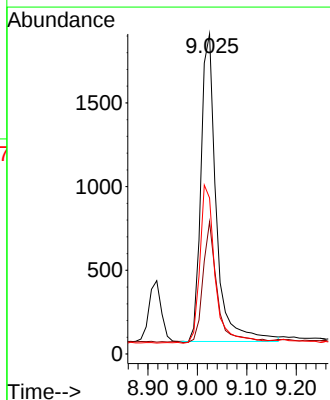
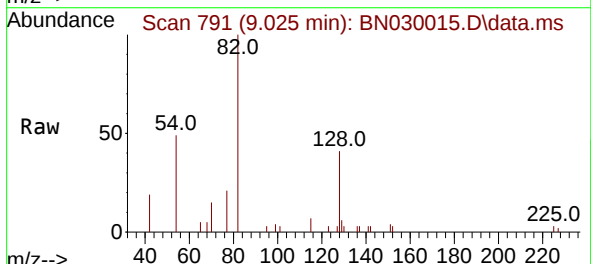
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#8  
Nitrobenzene-d5  
Concen: 0.388 ng  
RT: 9.025 min Scan# 791  
Delta R.T. 0.011 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3960 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 41.3  | 31.6  | 47.4 |
| 54        | 48.7  | 38.2  | 57.4 |





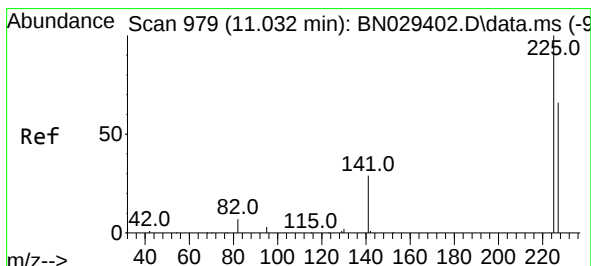
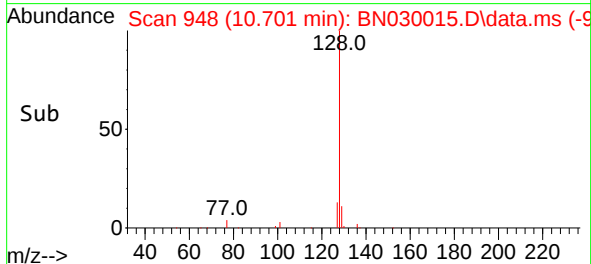
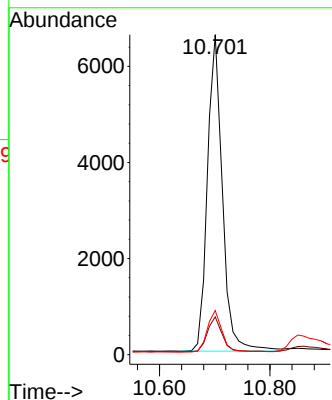
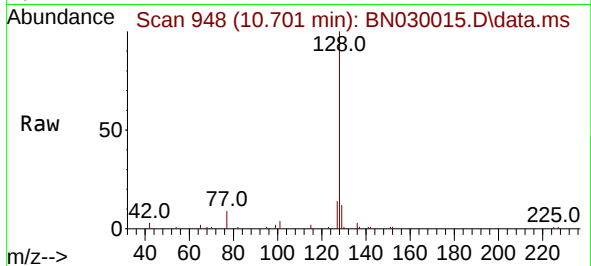
#9  
Naphthalene  
Concen: 0.356 ng  
RT: 10.701 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Instrument :  
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ClientSampleId :  
PB159197BSD

Tgt Ion:128 Resp: 1245  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.5 14.3  
127 13.8 10.8 16.2

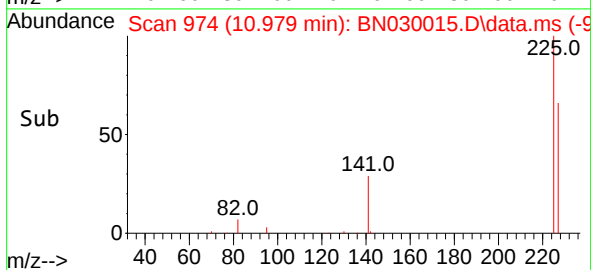
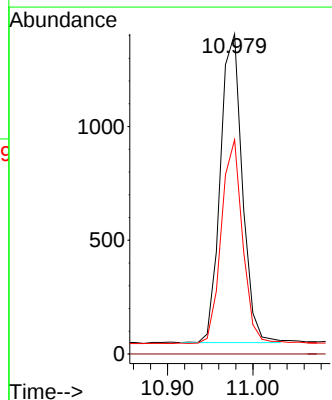
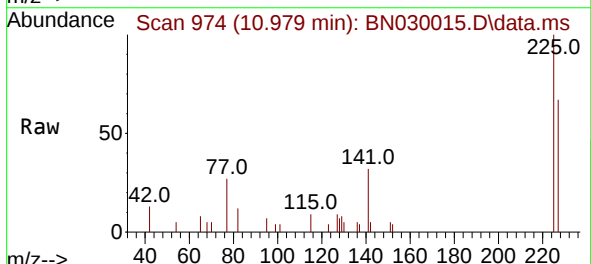
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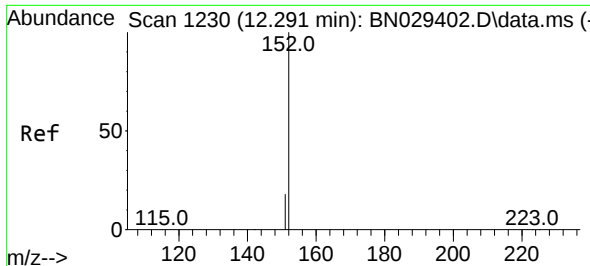
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#10  
Hexachlorobutadiene  
Concen: 0.366 ng  
RT: 10.979 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Tgt Ion:225 Resp: 2424  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.0 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.442 ng

RT: 12.246 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030015.D

Acq: 25 Feb 2024 05:55

Instrument :

BNA\_N

ClientSampleId :

PB159197BSD

Tgt Ion:152 Resp: 7378

Ion Ratio Lower Upper

152 100

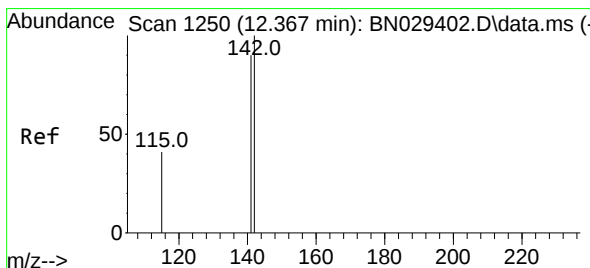
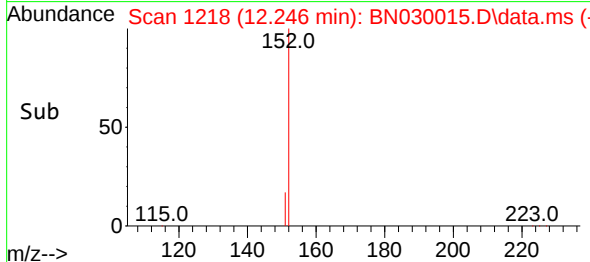
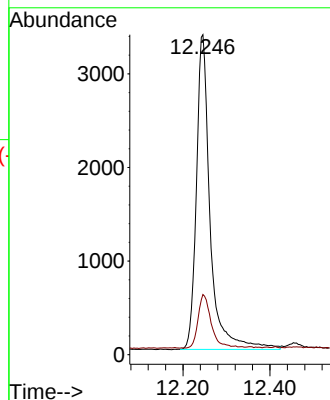
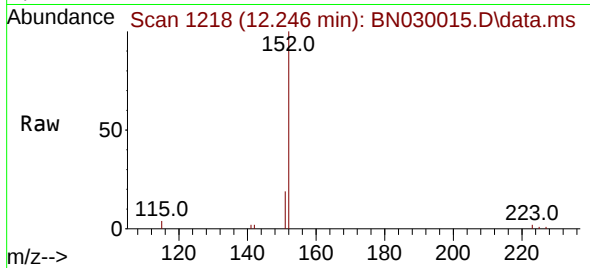
151 16.4 17.1 25.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#12

2-Methylnaphthalene

Concen: 0.346 ng

RT: 12.321 min Scan# 1238

Delta R.T. 0.004 min

Lab File: BN030015.D

Acq: 25 Feb 2024 05:55

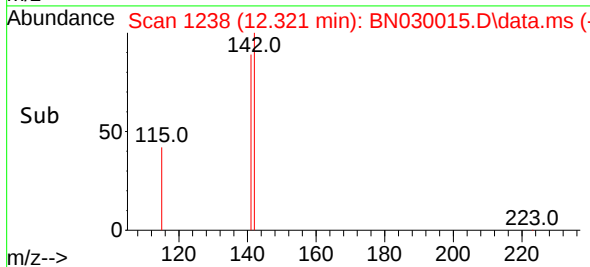
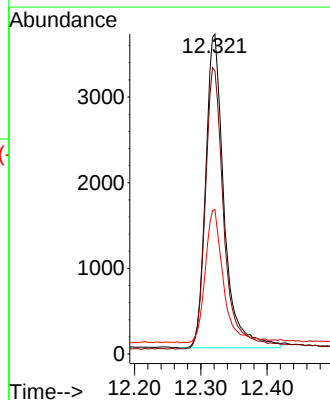
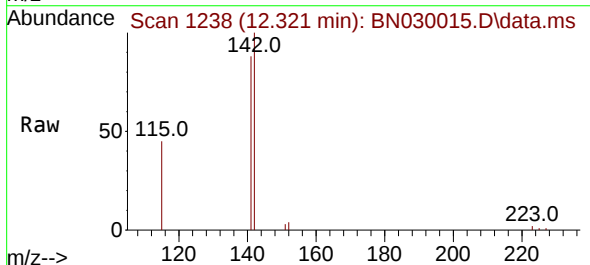
Tgt Ion:142 Resp: 7096

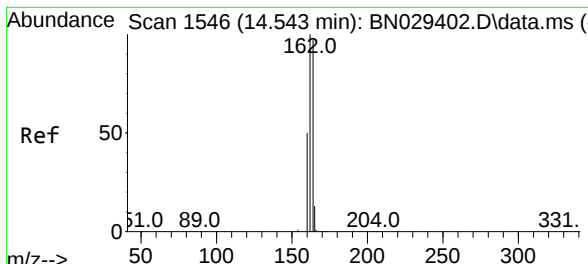
Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

115 45.1 33.9 50.9





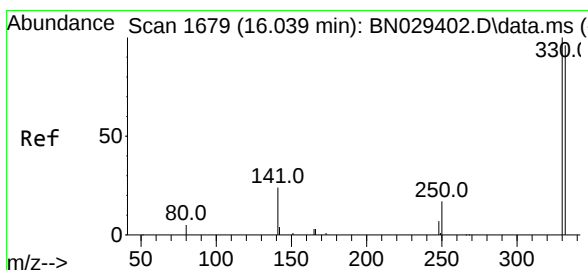
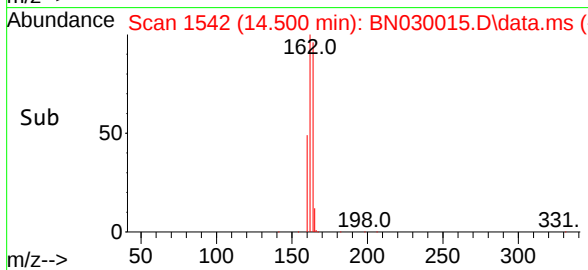
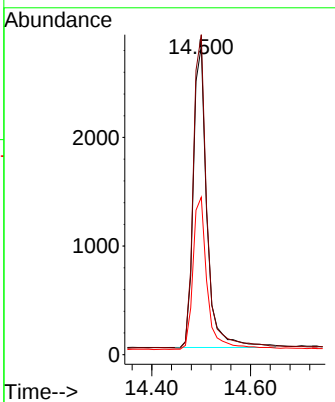
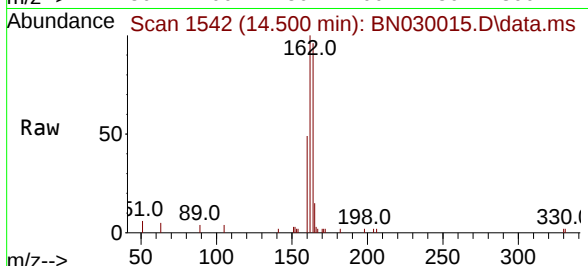
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.500 min Scan# 11  
 Delta R.T. 0.011 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

Instrument : BNA\_N  
 ClientSampleId : PB159197BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 532   |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 103.7 | 82.6  | 123.8 |
| 160       | 51.0  | 41.5  | 62.3  |

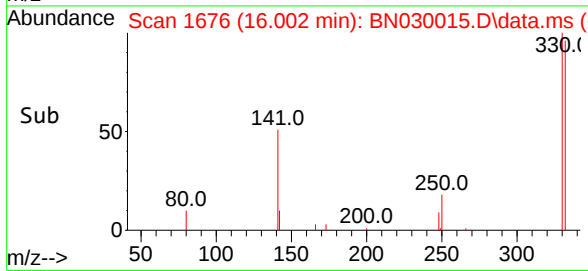
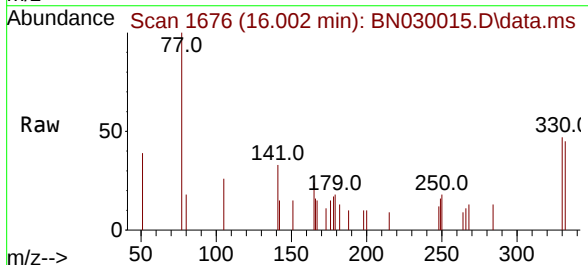
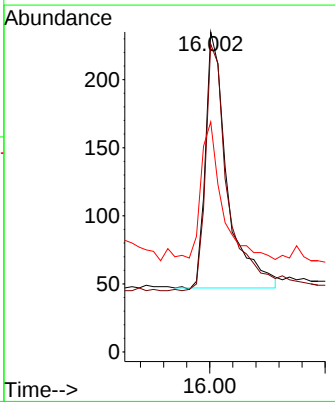
Manual Integrations  
 APPROVED

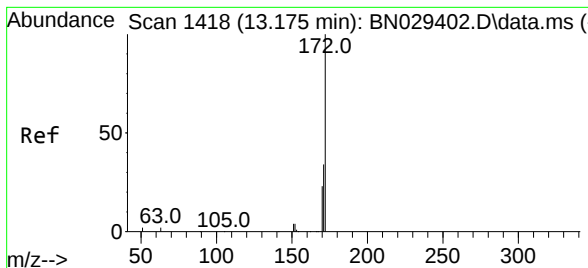
Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#14  
 2,4,6-Tribromophenol  
 Concen: 0.288 ng  
 RT: 16.002 min Scan# 1676  
 Delta R.T. 0.000 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

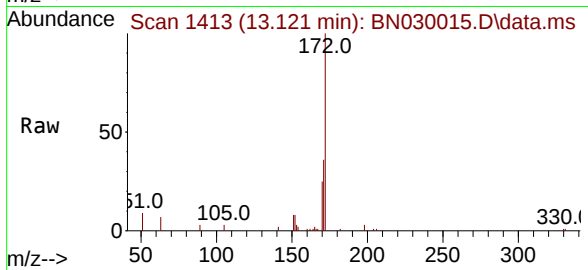
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 492   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 99.2  | 76.0  | 114.0 |
| 141       | 51.2  | 43.4  | 65.2  |





#15  
2-Fluorobiphenyl  
Concen: 0.390 ng  
RT: 13.121 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

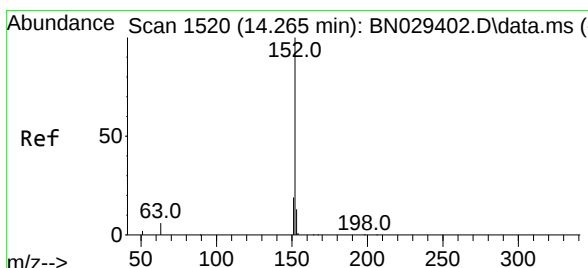
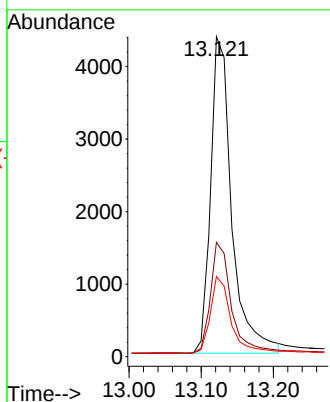
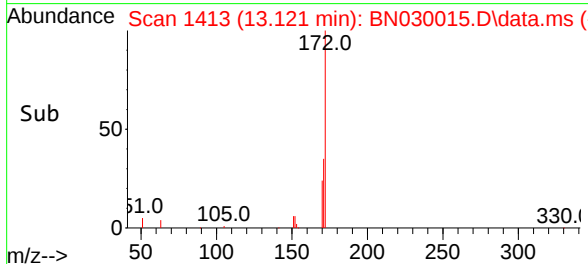
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion:172 Resp: 8905  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.0 42.0  
170 25.0 18.7 28.1

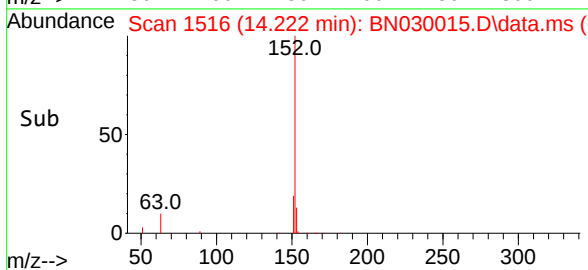
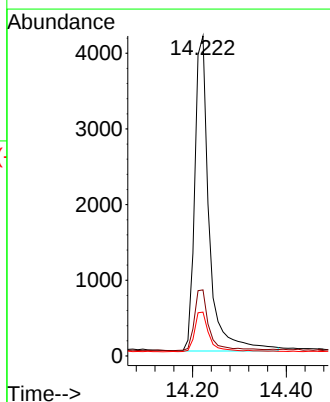
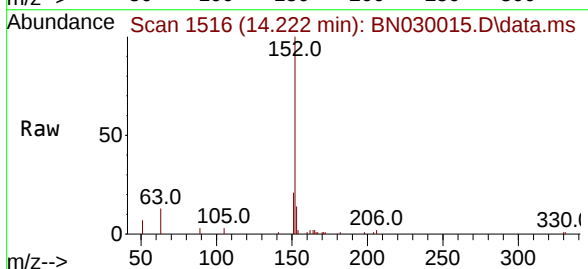
Manual Integrations  
APPROVED

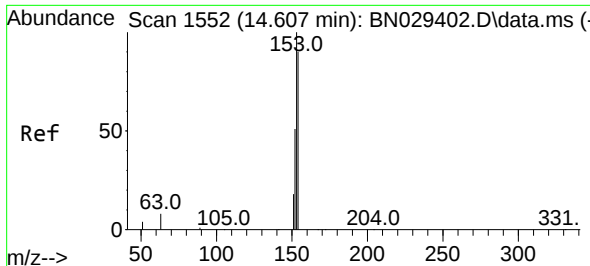
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#16  
Acenaphthylene  
Concen: 0.352 ng  
RT: 14.222 min Scan# 1516  
Delta R.T. 0.011 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

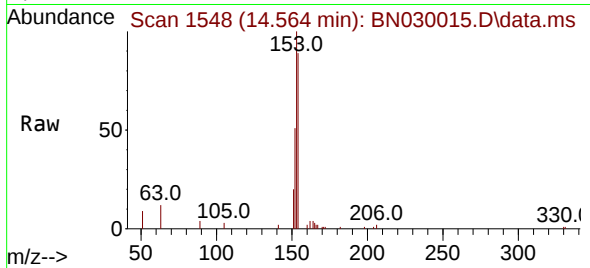
Tgt Ion:152 Resp: 8894  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 13.3 10.5 15.7





#17  
Acenaphthene  
Concen: 0.345 ng  
RT: 14.564 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

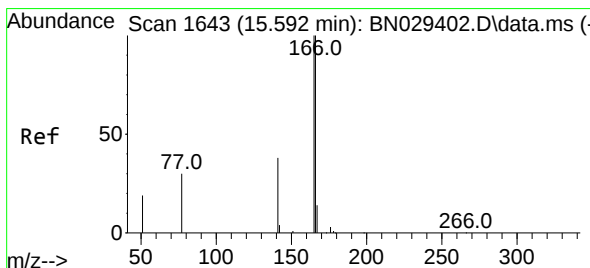
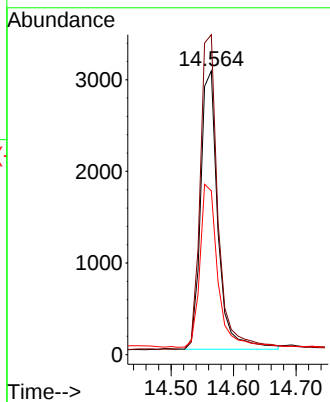
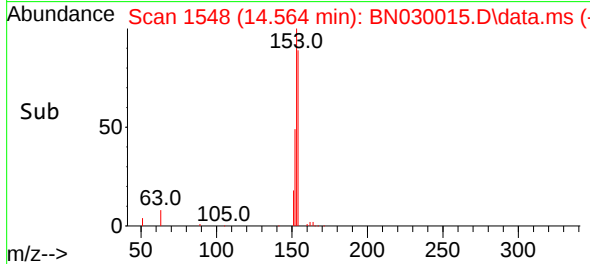
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion:154 Resp: 586  
Ion Ratio Lower Upper  
154 100  
153 117.3 93.6 140.4  
152 60.8 48.6 73.0

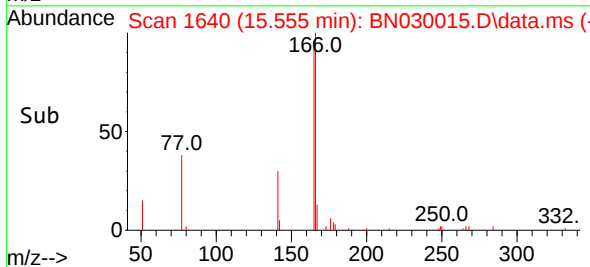
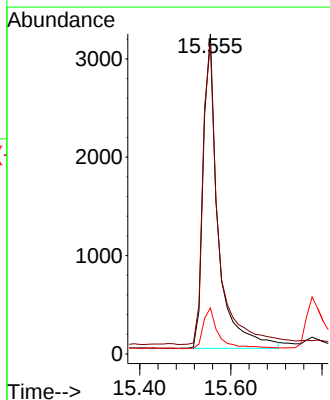
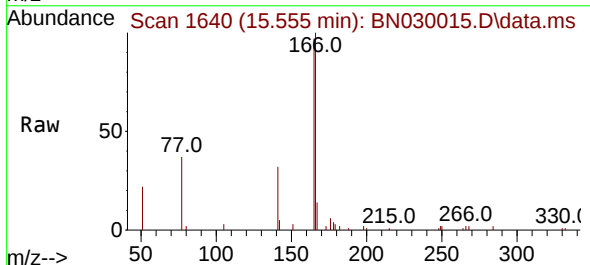
Manual Integrations  
APPROVED

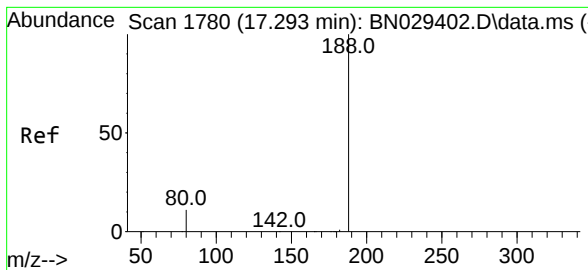
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#18  
Fluorene  
Concen: 0.336 ng  
RT: 15.555 min Scan# 1640  
Delta R.T. 0.012 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Tgt Ion:166 Resp: 7157  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.9 119.9  
167 13.4 11.3 16.9





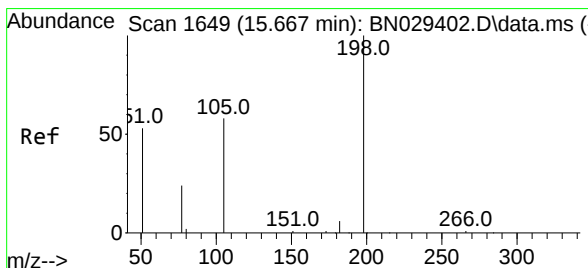
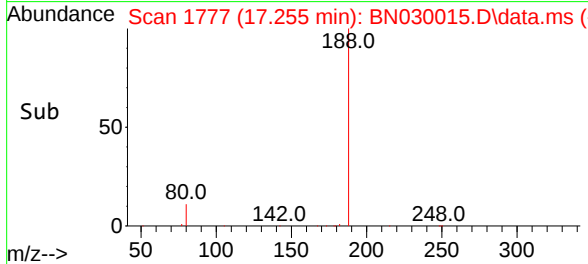
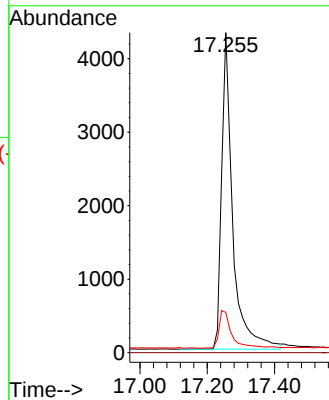
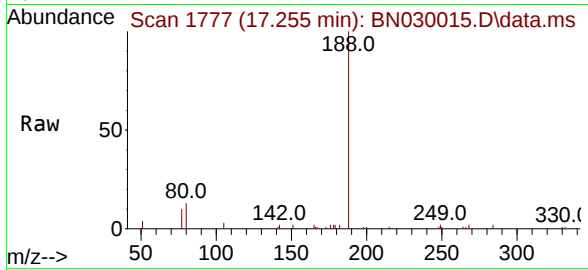
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.255 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD

Tgt Ion:188 Resp: 979  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.6 10.0 15.0

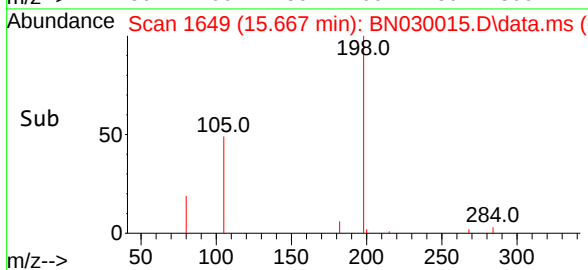
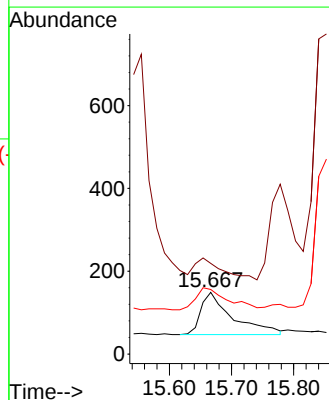
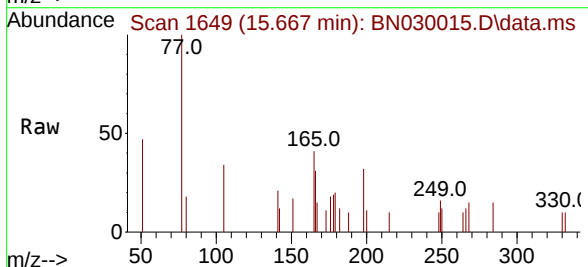
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.252 ng  
RT: 15.667 min Scan# 1649  
Delta R.T. 0.012 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

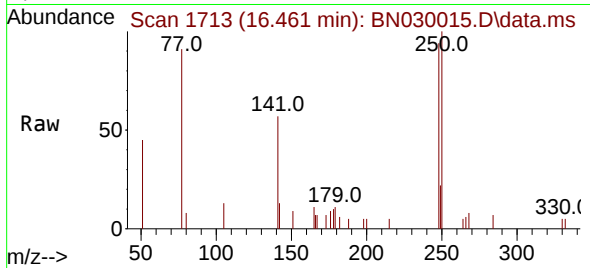
Tgt Ion:198 Resp: 362  
Ion Ratio Lower Upper  
198 100  
51 147.0 111.0 166.6  
105 104.7 67.0 100.6#





#21  
4-Bromophenyl-phenylether  
Concen: 0.367 ng m  
RT: 16.461 min Scan# 1713  
Delta R.T. 0.012 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

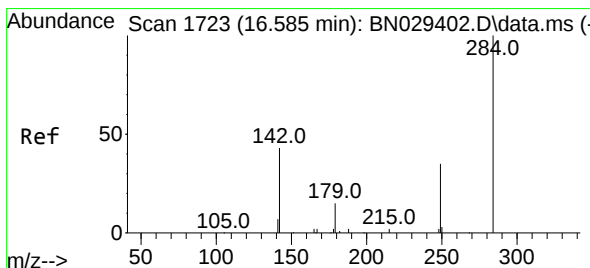
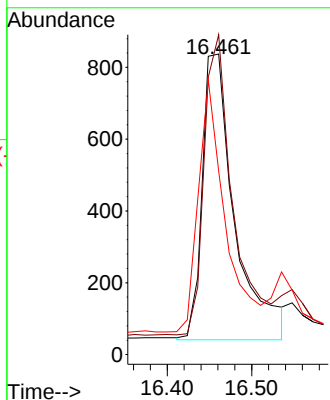
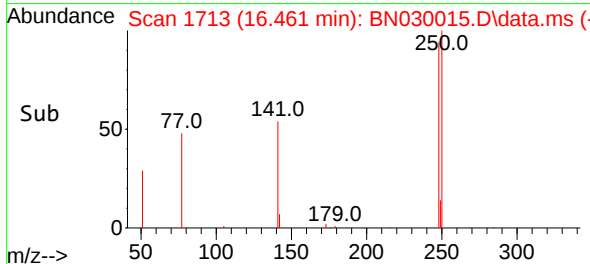
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion:248 Resp: 2130  
Ion Ratio Lower Upper  
248 100  
250 106.5 75.0 112.4  
141 61.1 77.0 115.6

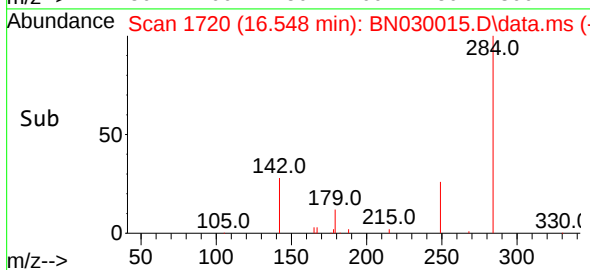
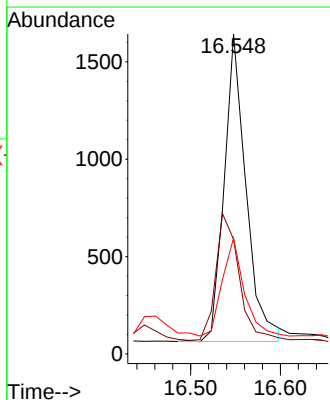
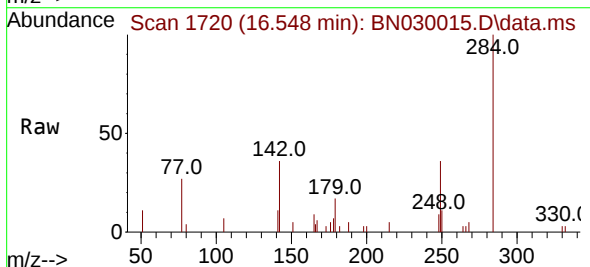
Manual Integrations  
APPROVED

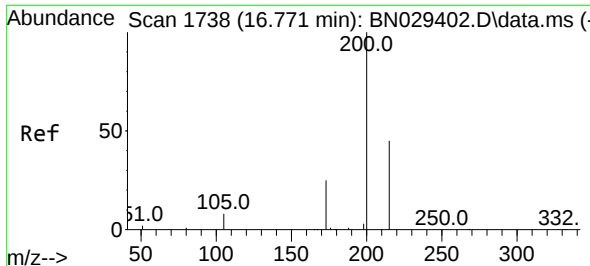
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#22  
Hexachlorobenzene  
Concen: 0.375 ng  
RT: 16.548 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

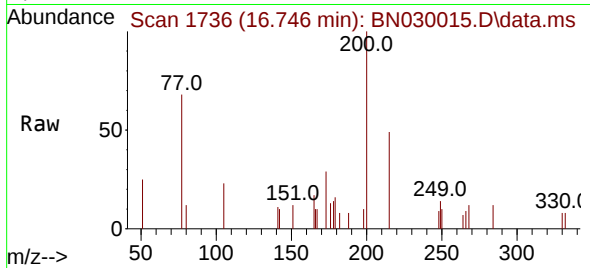
Tgt Ion:284 Resp: 2677  
Ion Ratio Lower Upper  
284 100  
142 43.6 39.4 59.2  
249 31.8 26.9 40.3





#23  
Atrazine  
Concen: 0.354 ng  
RT: 16.746 min Scan# 1740  
Delta R.T. 0.012 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

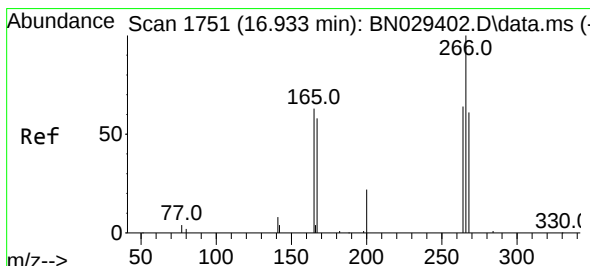
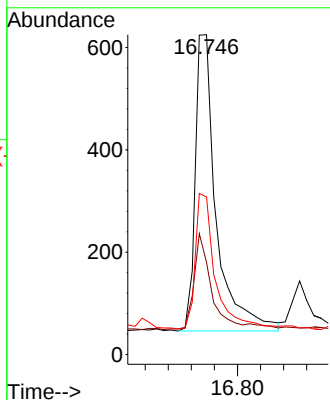
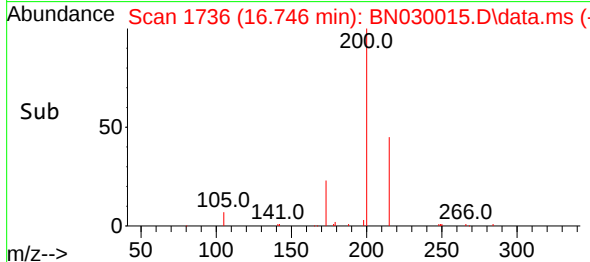
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



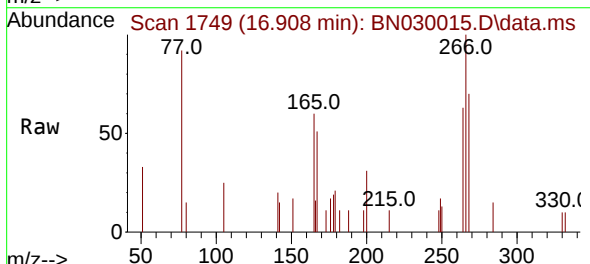
Tgt Ion:200 Resp: 1460  
Ion Ratio Lower Upper  
200 100  
173 28.8 23.4 35.0  
215 49.3 38.4 57.6

Manual Integrations  
APPROVED

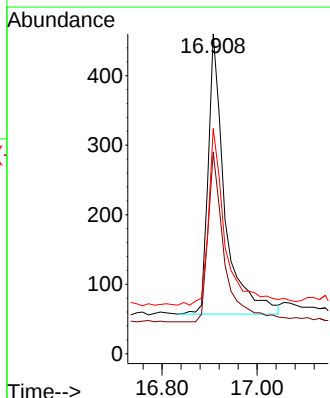
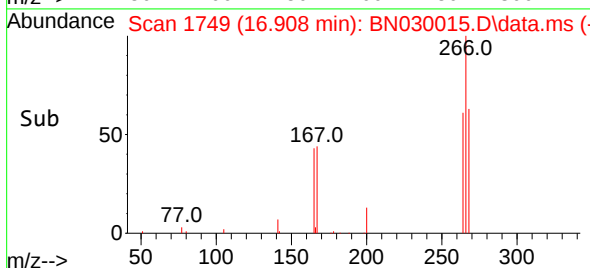
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

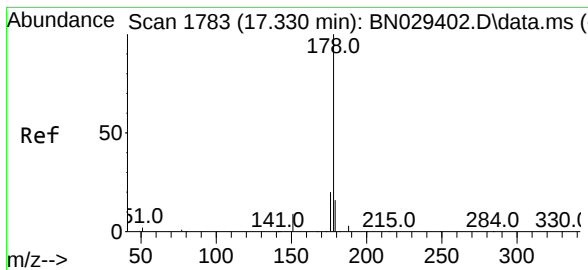


#24  
Pentachlorophenol  
Concen: 0.434 ng  
RT: 16.908 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55



Tgt Ion:266 Resp: 983  
Ion Ratio Lower Upper  
266 100  
264 60.3 50.8 76.2  
268 62.6 51.5 77.3





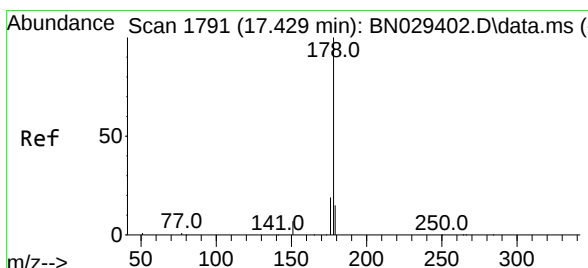
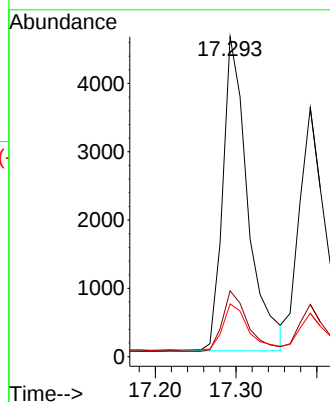
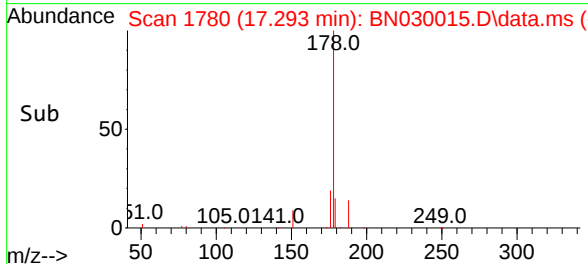
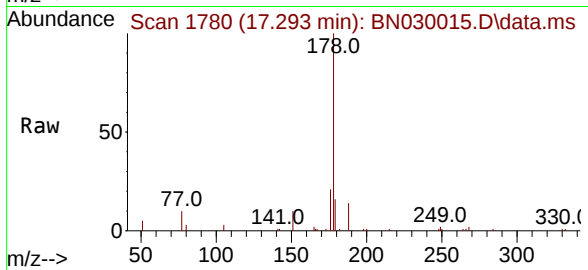
#25  
 Phenanthrene  
 Concen: 0.343 ng  
 RT: 17.293 min Scan# 1780  
 Delta R.T. 0.000 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159197BSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 9939 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.3  | 15.8  | 23.6 |
| 179       | 15.4  | 12.6  | 19.0 |

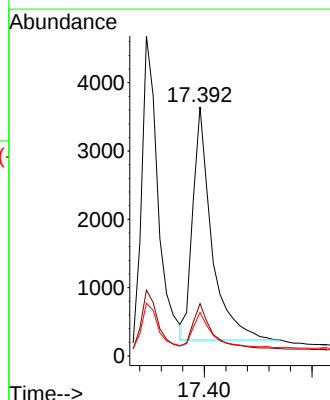
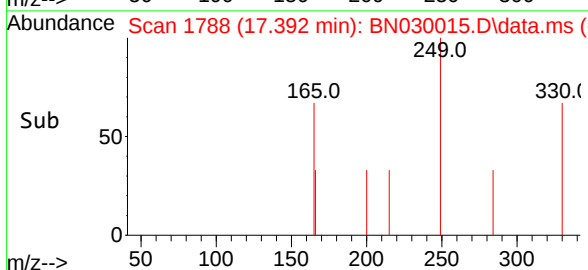
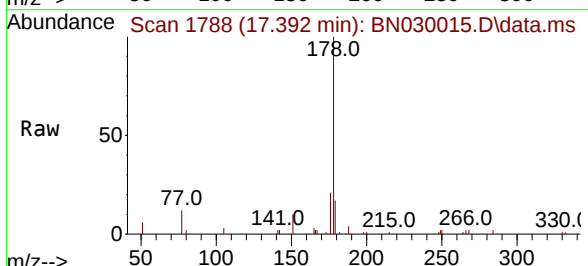
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#26  
 Anthracene  
 Concen: 0.337 ng  
 RT: 17.392 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 8316 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.0  | 15.0  | 22.4 |
| 179       | 15.4  | 12.3  | 18.5 |





#27  
Fluoranthene-d10  
Concen: 0.344 ng  
RT: 19.289 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Instrument :

BNA\_N

ClientSampleId :

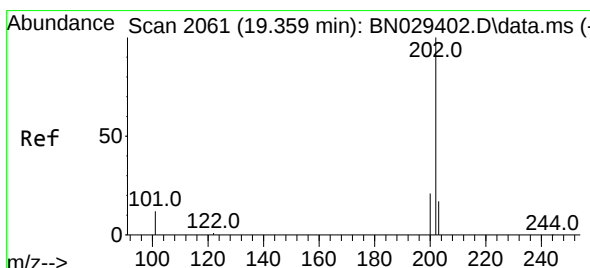
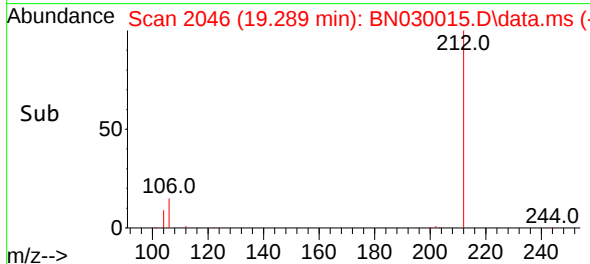
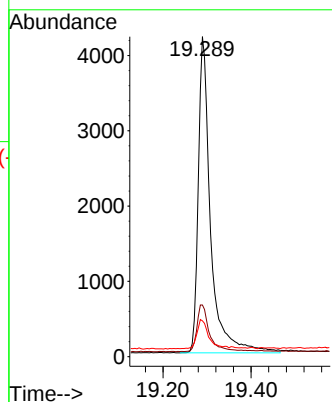
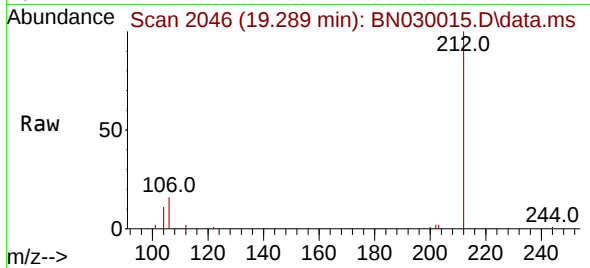
PB159197BSD

Tgt Ion:212 Resp: 8150  
Ion Ratio Lower Upper  
212 100  
106 14.8 13.2 19.8  
104 8.7 7.7 11.5

Manual Integrations

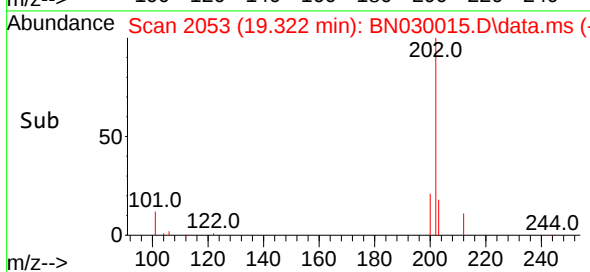
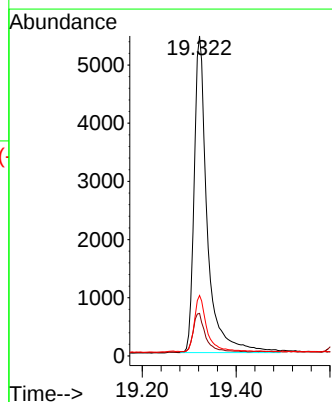
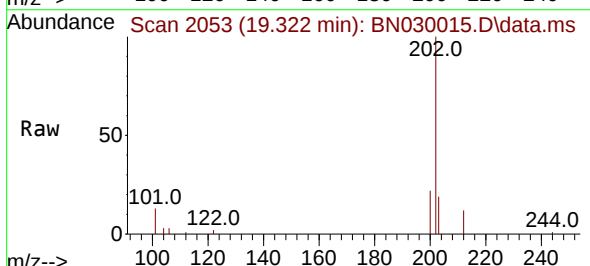
APPROVED

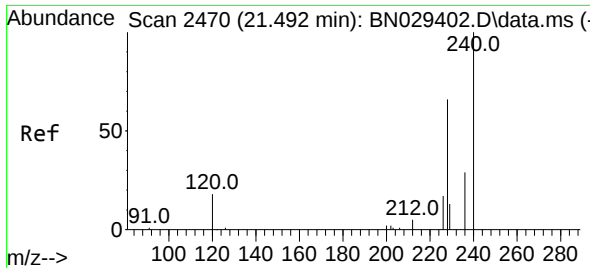
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#28  
Fluoranthene  
Concen: 0.324 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. 0.005 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

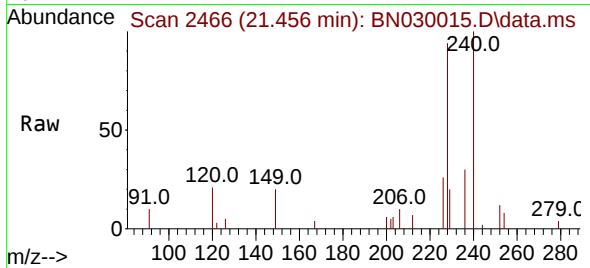
Tgt Ion:202 Resp: 10565  
Ion Ratio Lower Upper  
202 100  
101 11.9 10.5 15.7  
203 17.1 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.456 min Scan# 2466  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

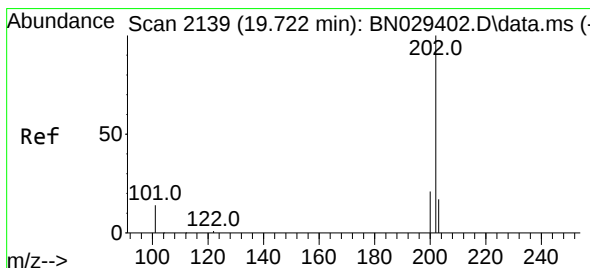
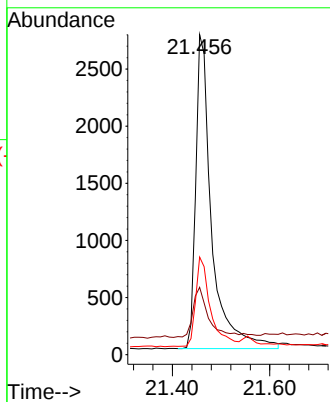
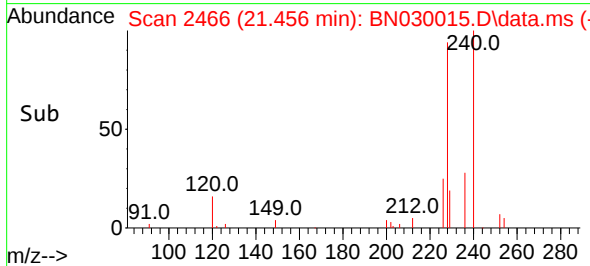
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



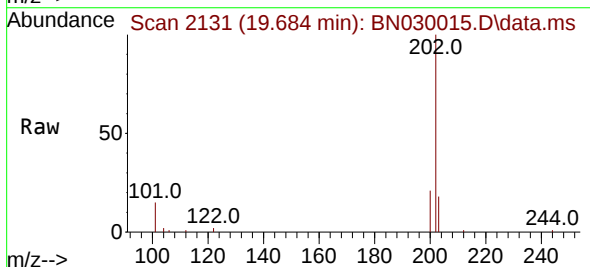
Tgt Ion:240 Resp: 6228  
Ion Ratio Lower Upper  
240 100  
120 21.1 16.7 25.1  
236 30.5 23.9 35.9

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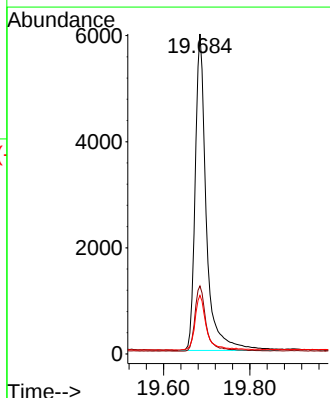
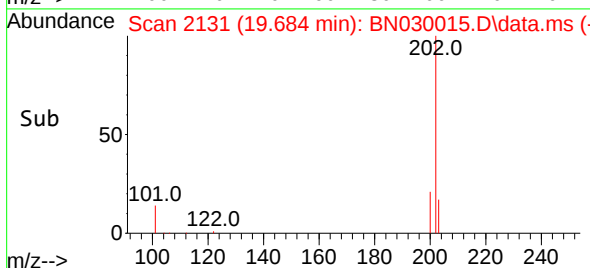
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#30  
Pyrene  
Concen: 0.374 ng  
RT: 19.684 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55



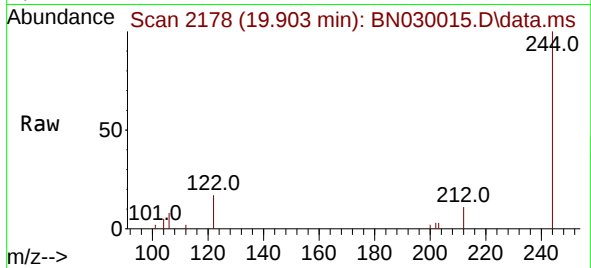
Tgt Ion:202 Resp: 10715  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 17.6 14.2 21.4





#31  
 Terphenyl-d14  
 Concen: 0.410 ng  
 RT: 19.903 min Scan# 2185  
 Delta R.T. 0.005 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

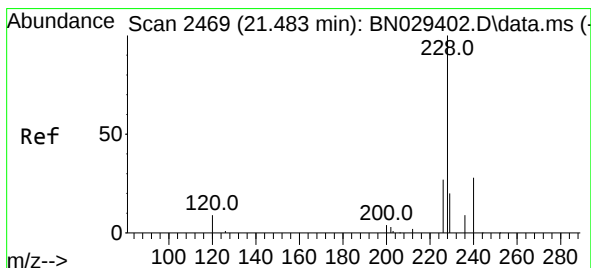
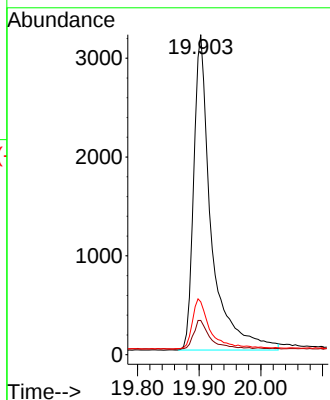
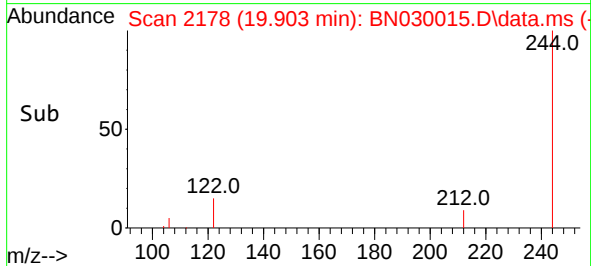
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159197BSD



Tgt Ion:244 Resp: 6330  
 Ion Ratio Lower Upper  
 244 100  
 212 10.7 8.2 12.4  
 122 16.5 15.6 23.4

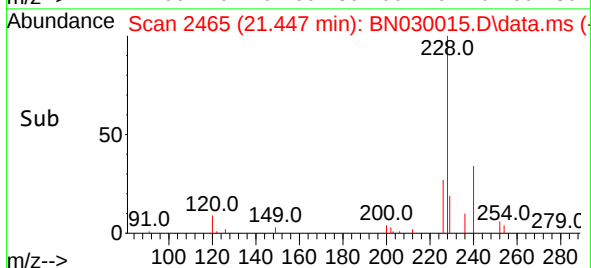
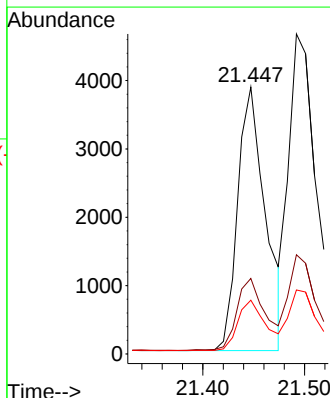
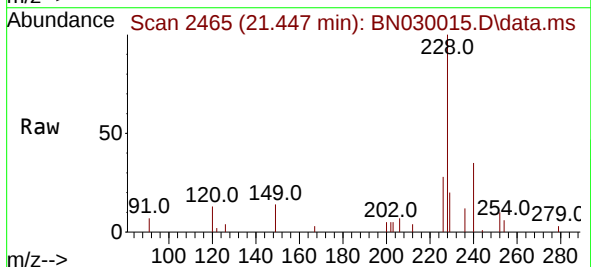
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#32  
 Benzo(a)anthracene  
 Concen: 0.343 ng  
 RT: 21.447 min Scan# 2465  
 Delta R.T. 0.009 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

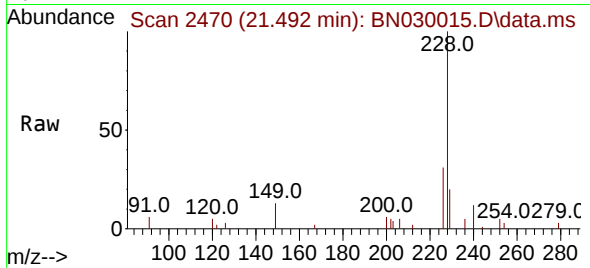
Tgt Ion:228 Resp: 7288  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.2 33.4  
 229 20.1 16.5 24.7





#33  
Chrysene  
Concen: 0.376 ng  
RT: 21.492 min Scan# 2474  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

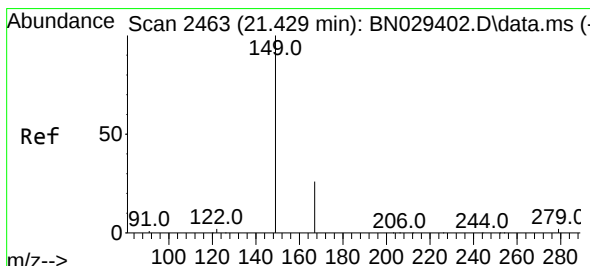
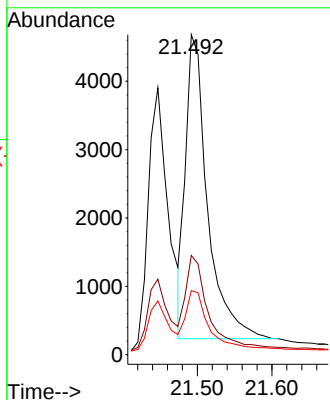
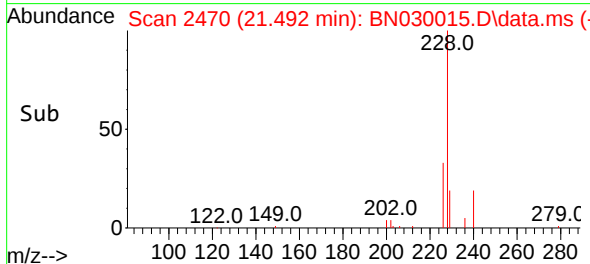
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



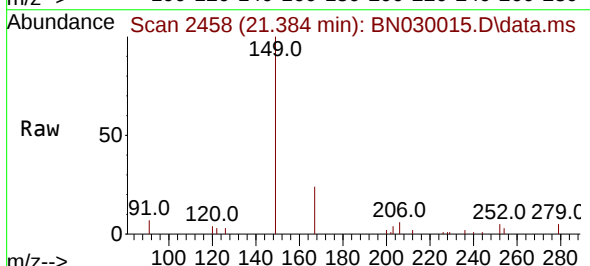
Tgt Ion:228 Resp: 908  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.9 37.3  
229 20.0 15.9 23.9

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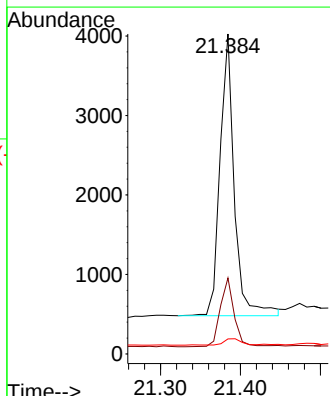
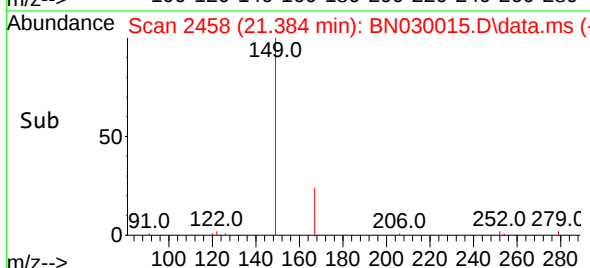
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.304 ng  
RT: 21.384 min Scan# 2458  
Delta R.T. 0.000 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55



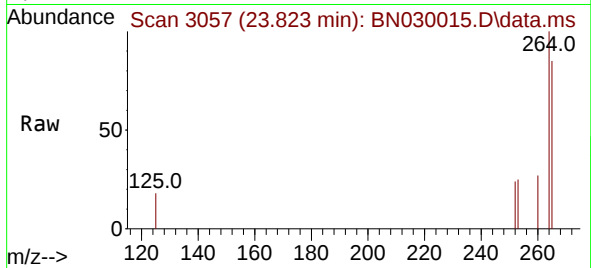
Tgt Ion:149 Resp: 4406  
Ion Ratio Lower Upper  
149 100  
167 23.7 20.1 30.1  
279 2.6 2.5 3.7





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.823 min Scan# 3078  
 Delta R.T. 0.003 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

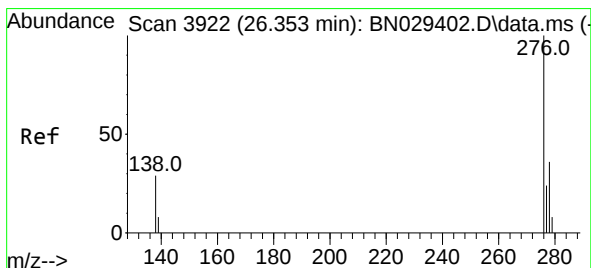
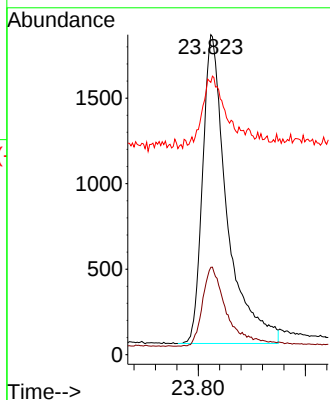
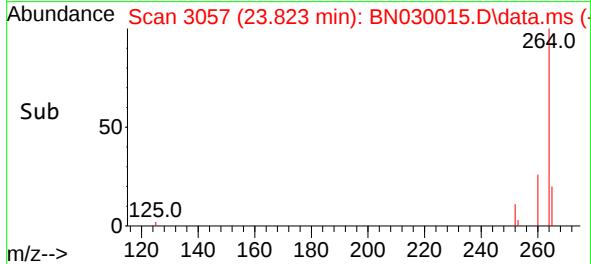
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159197BSD



Tgt Ion:264 Resp: 571  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 21.2 31.8  
 265 85.1 41.5 62.3

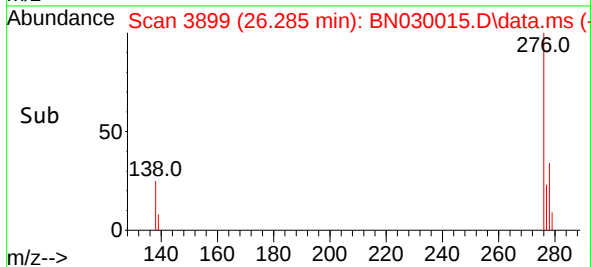
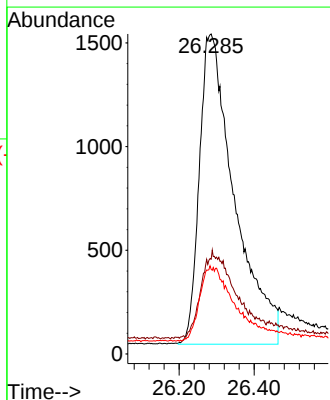
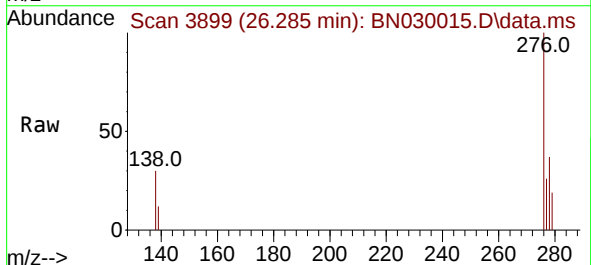
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.423 ng m  
 RT: 26.285 min Scan# 3899  
 Delta R.T. 0.018 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

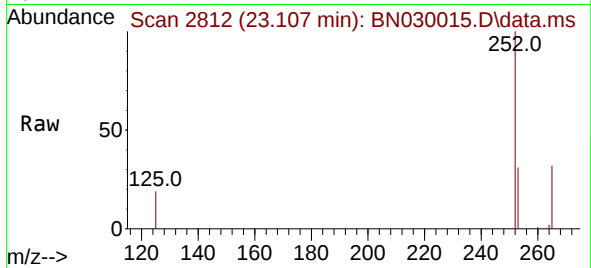
Tgt Ion:276 Resp: 9713  
 Ion Ratio Lower Upper  
 276 100  
 138 24.5 20.5 30.7  
 277 8.7 17.0 25.4





#37  
Benzo(b)fluoranthene  
Concen: 0.362 ng  
RT: 23.107 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

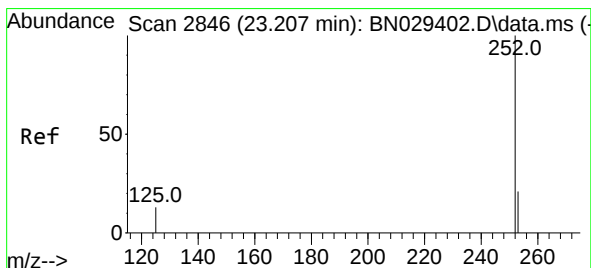
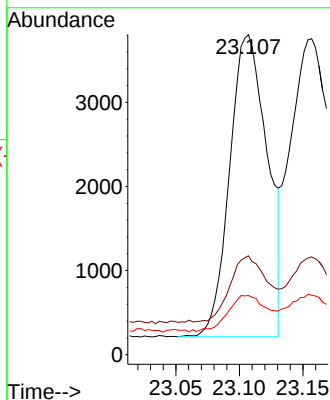
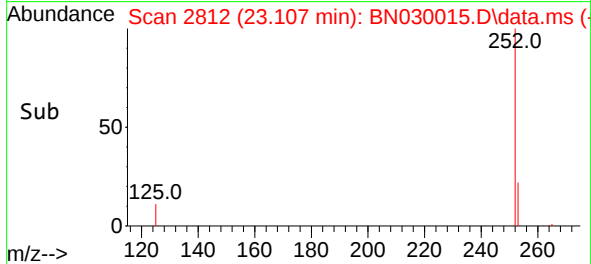
Instrument :  
BNA\_N  
ClientSampleId :  
PB159197BSD



Tgt Ion:252 Resp: 7397  
Ion Ratio Lower Upper  
252 100  
253 30.9 21.7 32.5  
125 18.5 13.3 19.9

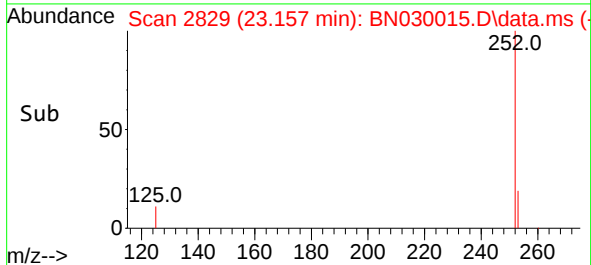
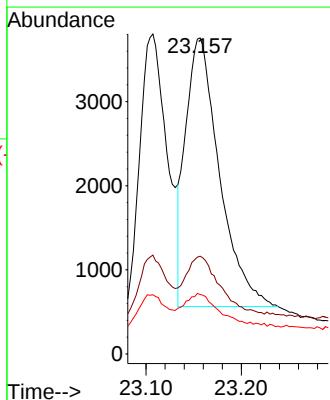
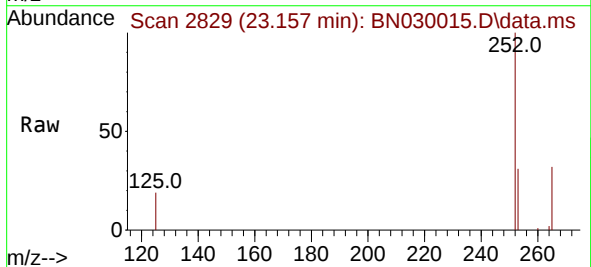
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#38  
Benzo(k)fluoranthene  
Concen: 0.368 ng  
RT: 23.157 min Scan# 2829  
Delta R.T. 0.009 min  
Lab File: BN030015.D  
Acq: 25 Feb 2024 05:55

Tgt Ion:252 Resp: 7878  
Ion Ratio Lower Upper  
252 100  
253 30.9 21.8 32.8  
125 18.8 13.9 20.9





#39

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.721 min Scan# 3041

Delta R.T. 0.006 min

Lab File: BN030015.D

Acq: 25 Feb 2024 05:55

Instrument :

BN030015.D

ClientSampleId :

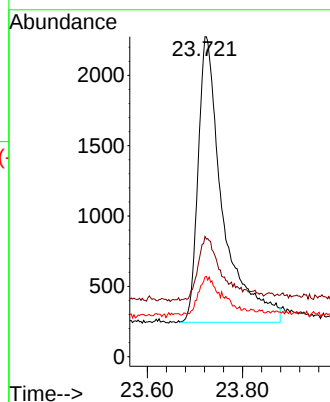
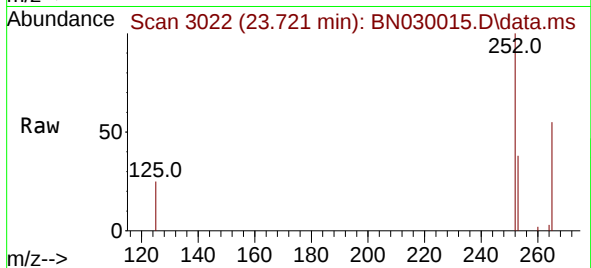
PB159197BSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 7260 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 37.5  | 24.9  | 37.3 |
| 125       | 25.0  | 16.6  | 25.0 |

Manual Integrations

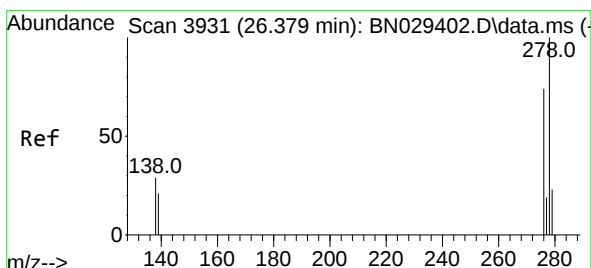
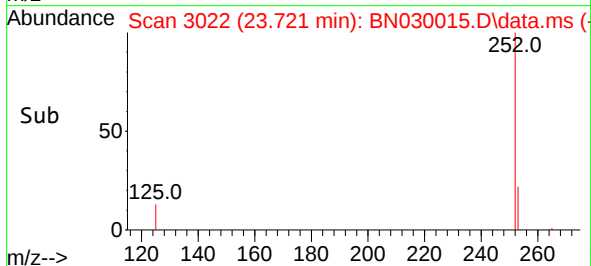
APPROVED

Reviewed By :Jagrut  
Upadhyay



02/26/2024  
Supervised By :mohammad  
ahmed

02/27/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.404 ng

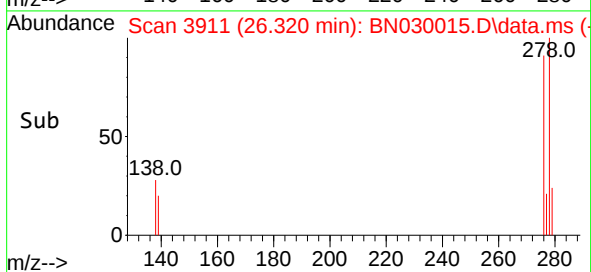
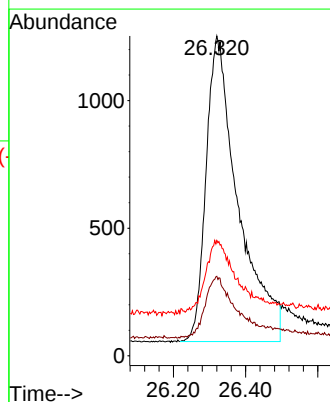
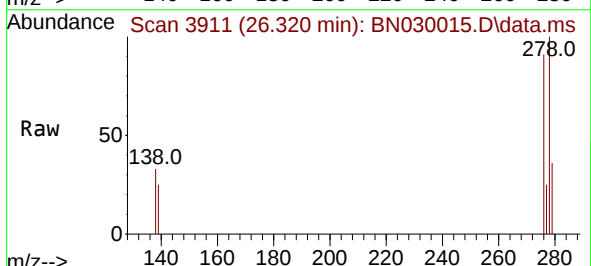
RT: 26.320 min Scan# 3911

Delta R.T. 0.018 min

Lab File: BN030015.D

Acq: 25 Feb 2024 05:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 7390 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 24.9  | 20.4  | 30.6 |
| 279       | 36.1  | 25.0  | 37.6 |





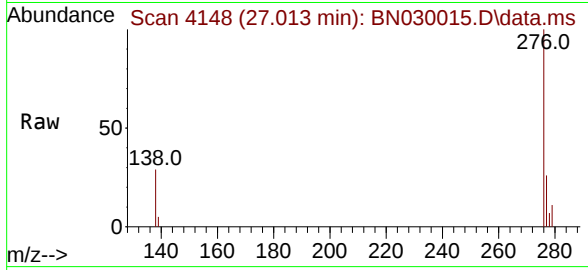
#41  
 Benzo(g,h,i)perylene  
 Concen: 0.392 ng  
 RT: 27.013 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: BN030015.D  
 Acq: 25 Feb 2024 05:55

Instrument :

BNA\_N

ClientSampleId :

PB159197BSD

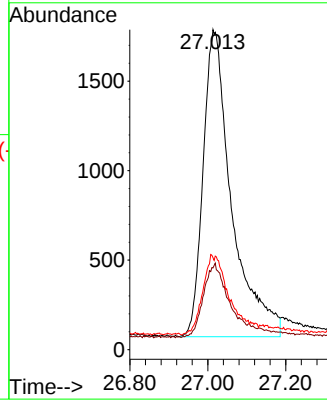
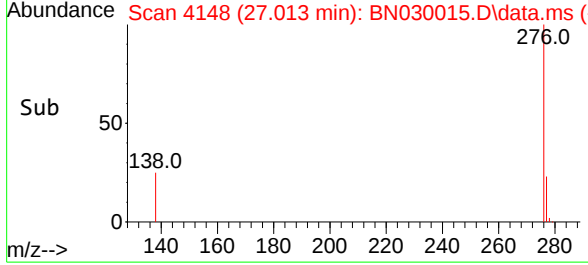


Tgt Ion:276 Resp: 8729  
 Ion Ratio Lower Upper  
 276 100  
 277 25.6 19.4 29.2  
 138 28.7 23.5 35.3

Manual Integrations

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Reviewed By :Jagrut  
 Upadhyay



02/26/2024  
 Supervised By :mohammad  
 ahmed

02/27/2024