

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050922\  
 Data File : BN019715.D  
 Acq On : 09 May 2022 23:50  
 Operator : CG/JU  
 Sample : PB144683BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144683BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 10 01:52:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 10 01:35:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.862  | 152  | 4285     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 12787    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7471     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 16185    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 13669    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.744 | 264  | 11981    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.442  | 112  | 3195     | 0.330 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 3905     | 0.320 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 3630     | 0.340 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.235 | 152  | 7571     | 0.346 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 775      | 0.286 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 12065    | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.244 | 212  | 15448    | 0.331 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.847 | 244  | 11461    | 0.361 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.362  | 88   | 1886m    | 0.345 | ng    |          |
| 3) n-Nitrosodimethylamine     | 3.680  | 42   | 1860     | 0.331 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.284  | 93   | 4531     | 0.345 | ng    | 98       |
| 9) Naphthalene                | 10.701 | 128  | 13680    | 0.350 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.000 | 225  | 2618     | 0.359 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.306 | 142  | 9088     | 0.347 | ng    | 98       |
| 16) Acenaphthylene            | 14.196 | 152  | 12363    | 0.329 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 8881     | 0.338 | ng    | 98       |
| 18) Fluorene                  | 15.522 | 166  | 11258    | 0.338 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 715      | 0.319 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 3624     | 0.342 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.528 | 284  | 4230     | 0.351 | ng    | 99       |
| 23) Atrazine                  | 16.672 | 200  | 1881     | 0.289 | ng    | 98       |
| 24) Pentachlorophenol         | 16.867 | 266  | 1055m    | 0.290 | ng    |          |
| 25) Phenanthrene              | 17.256 | 178  | 19774    | 0.345 | ng    | 99       |
| 26) Anthracene                | 17.349 | 178  | 15555    | 0.328 | ng    | 100      |
| 28) Fluoranthene              | 19.278 | 202  | 20435    | 0.334 | ng    | 100      |
| 30) Pyrene                    | 19.636 | 202  | 20422    | 0.351 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.387 | 228  | 16183    | 0.327 | ng    | 100      |
| 33) Chrysene                  | 21.440 | 228  | 20274    | 0.351 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 7040     | 0.317 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.147 | 276  | 21022    | 0.347 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.030 | 252  | 17477    | 0.325 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.077 | 252  | 19748    | 0.353 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.636 | 252  | 13392    | 0.322 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.164 | 278  | 17215    | 0.347 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.884 | 276  | 17142    | 0.331 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

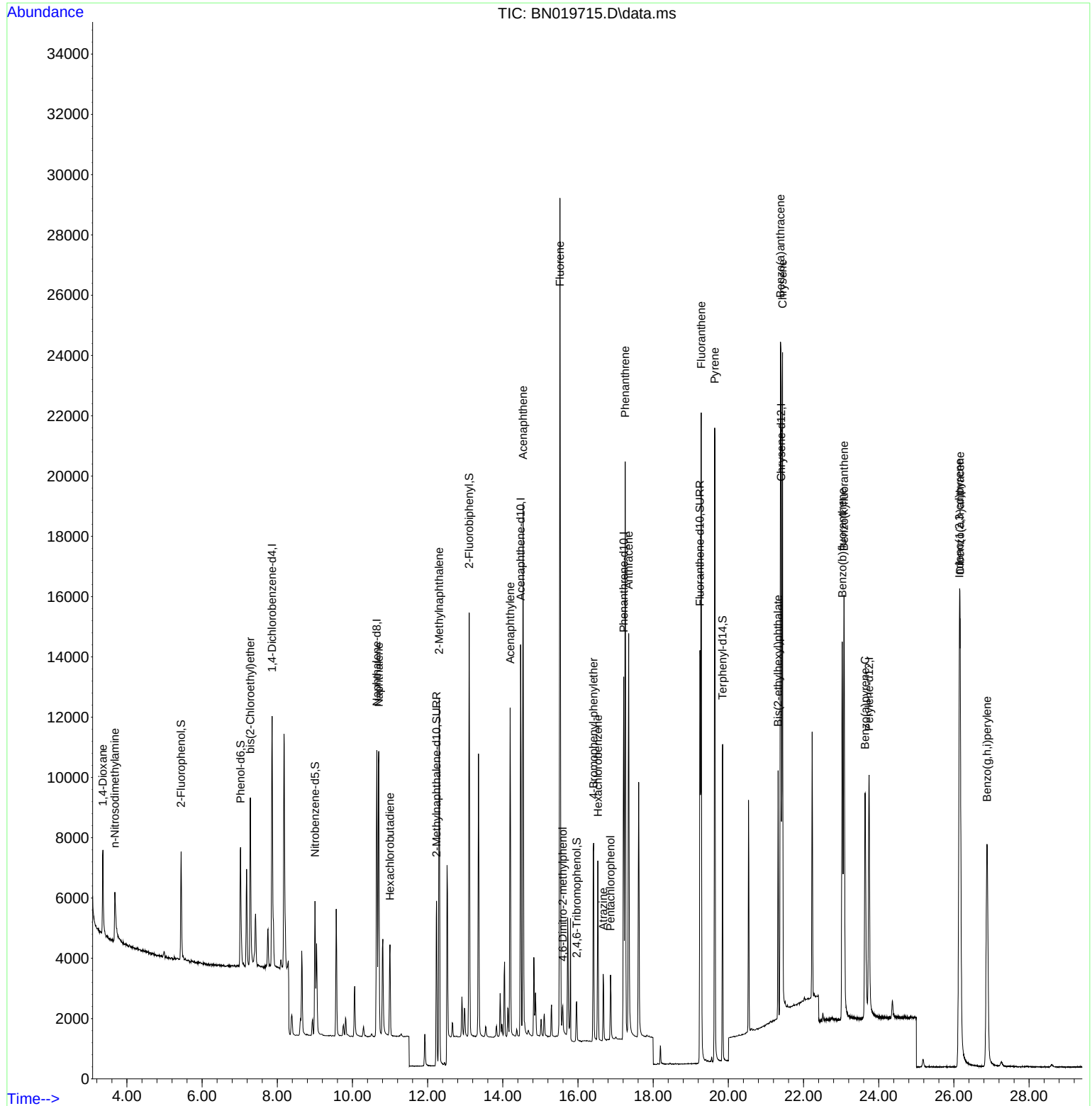
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050922\  
Data File : BN019715.D  
Acq On : 09 May 2022 23:50  
Operator : CG/JU  
Sample : PB144683BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

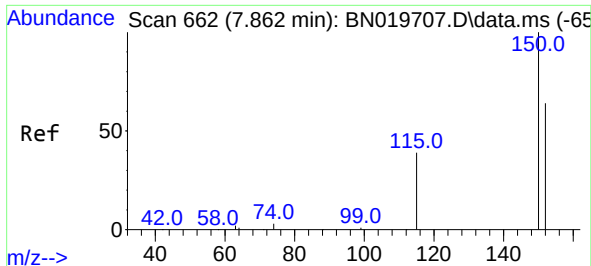
Instrument :  
BNA\_N  
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Quant Time: May 10 01:52:12 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
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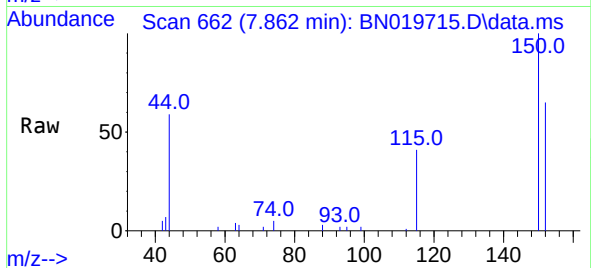
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 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.862 min Scan# 60  
 Delta R.T. -0.000 min  
 Lab File: BN019715.D  
 Acq: 09 May 2022 23:50

Instrument :

BNA\_N

ClientSampleId :

PB144683BSD

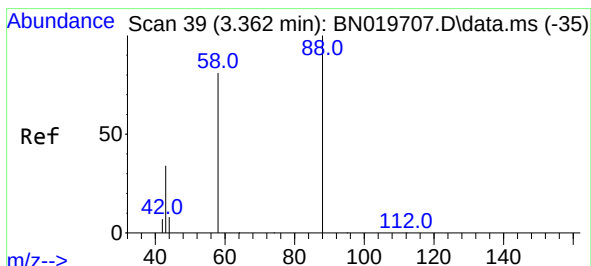
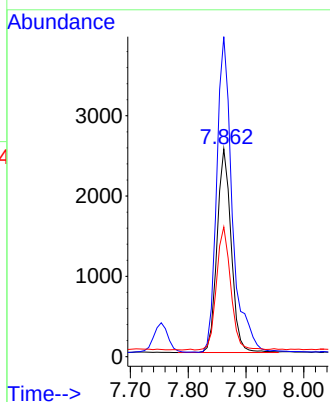
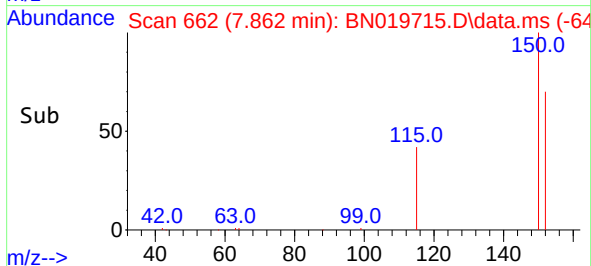


Tgt Ion:152 Resp: 428  
 Ion Ratio Lower Upper  
 152 100  
 150 153.9 125.0 187.4  
 115 62.4 50.6 76.0

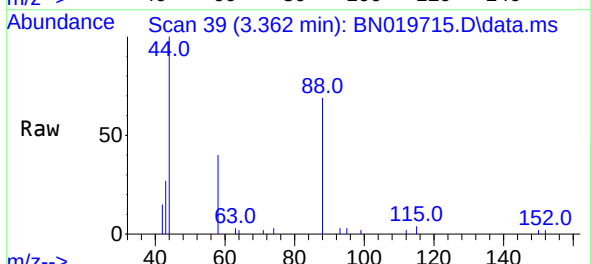
Manual Integrations

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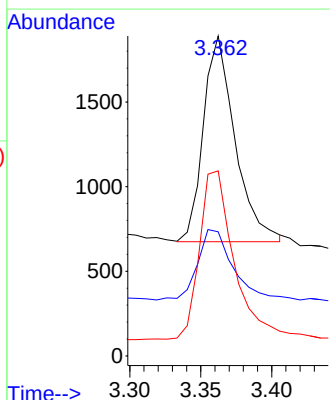
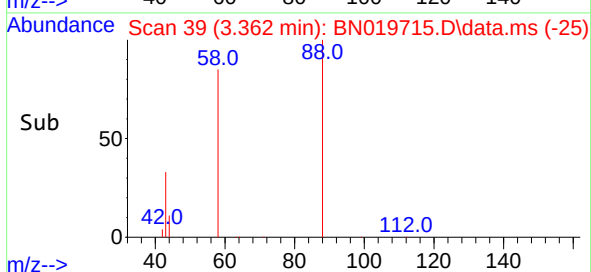
Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022

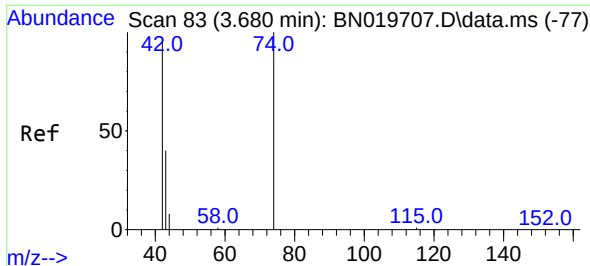


#2  
 1,4-Dioxane  
 Concen: 0.345 ng m  
 RT: 3.362 min Scan# 39  
 Delta R.T. 0.000 min  
 Lab File: BN019715.D  
 Acq: 09 May 2022 23:50



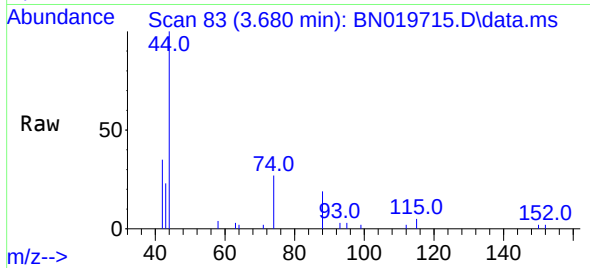
Tgt Ion: 88 Resp: 1886  
 Ion Ratio Lower Upper  
 88 100  
 43 37.3 29.0 43.6  
 58 88.3 73.1 109.7





#3  
n-Nitrosodimethylamine  
Concen: 0.331 ng  
RT: 3.680 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

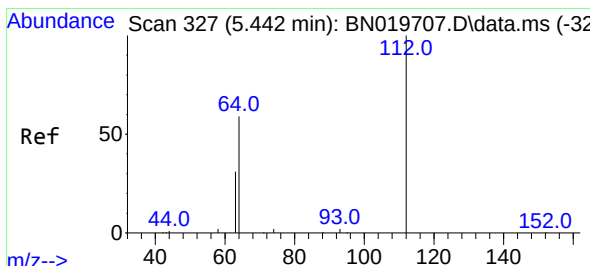
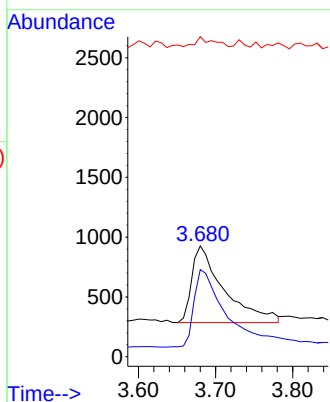
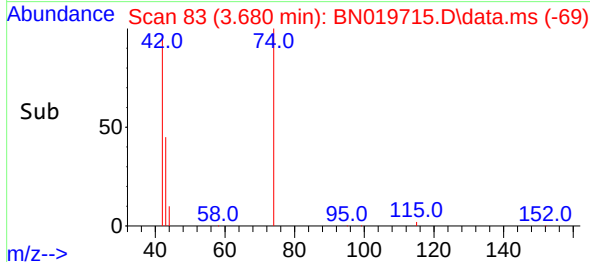
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



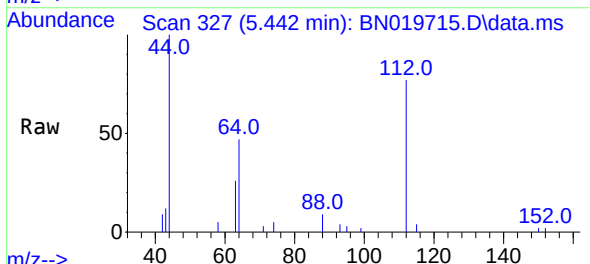
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Ion Ratio Lower Upper  
42 100  
74 102.6 87.8 131.6  
44 6.3 12.5 18.7

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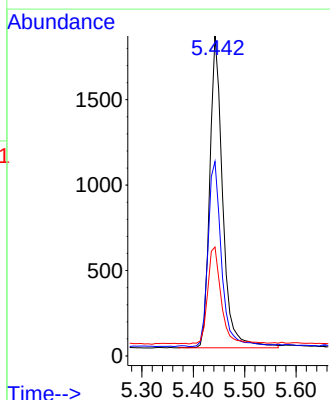
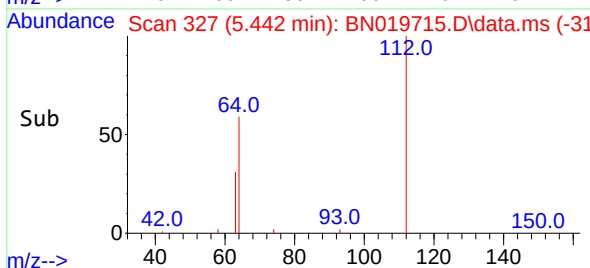
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

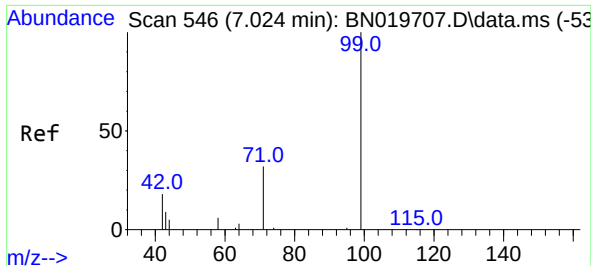


#4  
2-Fluorophenol  
Concen: 0.330 ng  
RT: 5.442 min Scan# 327  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



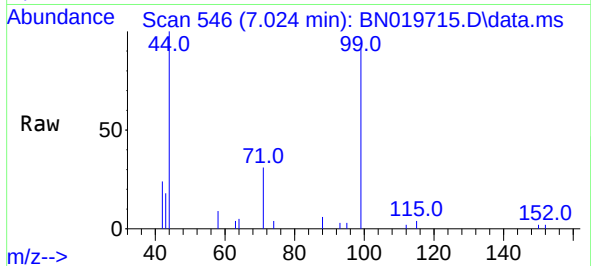
Tgt Ion: 112 Resp: 3195  
Ion Ratio Lower Upper  
112 100  
64 61.8 49.1 73.7  
63 32.8 26.4 39.6





#5  
Phenol-d6  
Concen: 0.320 ng  
RT: 7.024 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

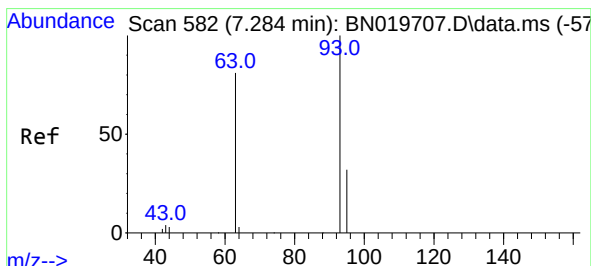
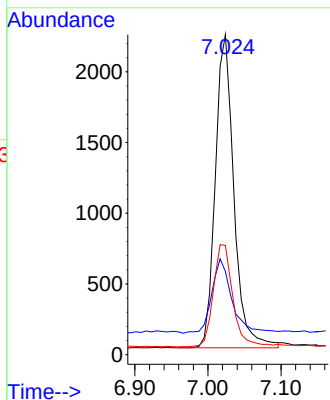
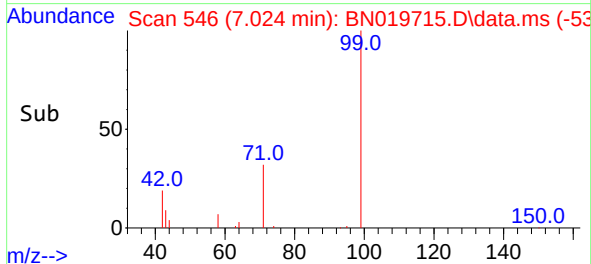
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



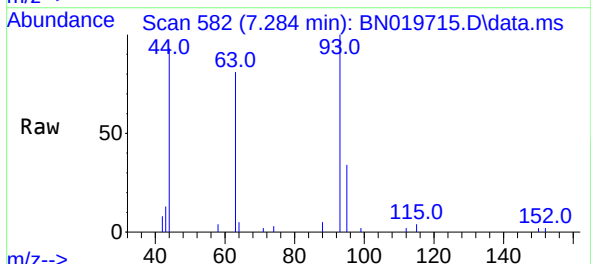
Tgt Ion: 99 Resp: 3908  
Ion Ratio Lower Upper  
99 100  
42 25.8 19.6 29.4  
71 34.4 27.3 40.9

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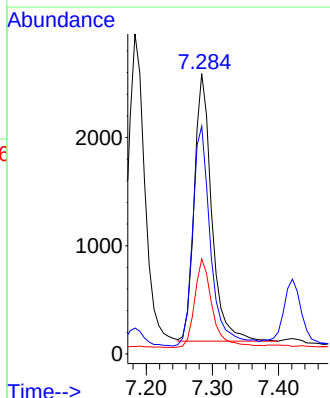
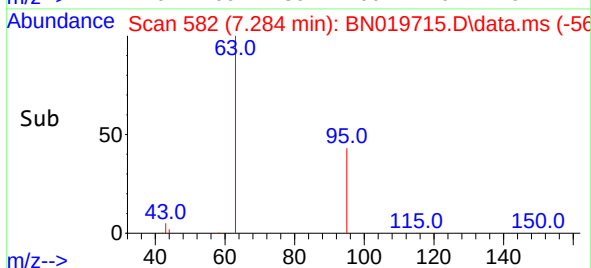
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

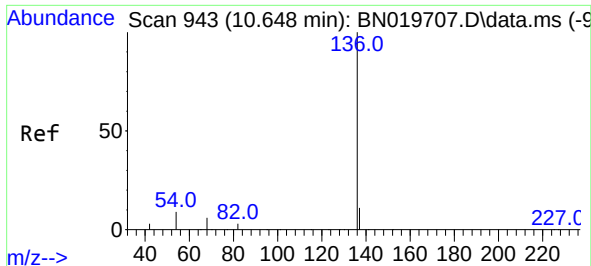


#6  
bis(2-Chloroethyl)ether  
Concen: 0.345 ng  
RT: 7.284 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



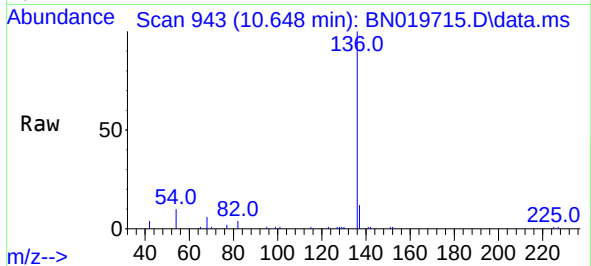
Tgt Ion: 93 Resp: 4531  
Ion Ratio Lower Upper  
93 100  
63 85.2 66.8 100.2  
95 33.6 26.6 40.0





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

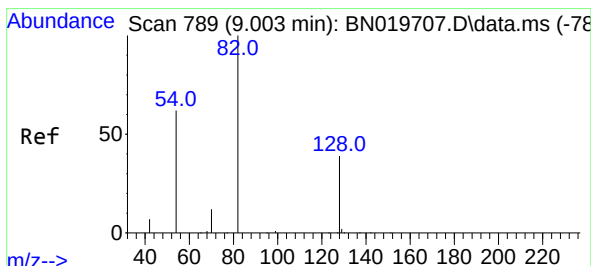
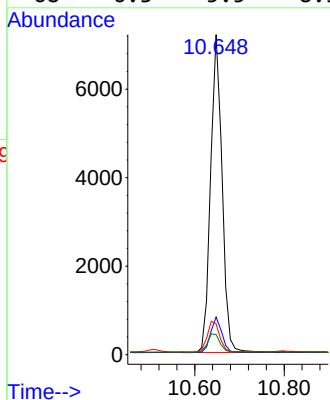
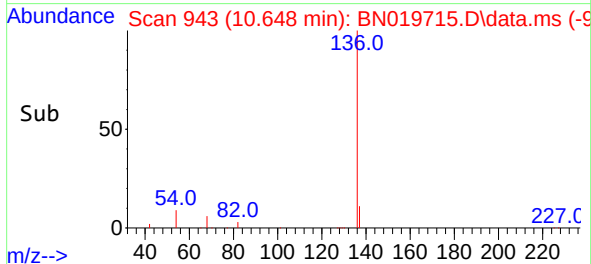
Instrument :  
BNA\_N  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1278  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.1   | 13.7  |
| 54       | 9.7   | 8.2   | 12.4  |
| 68       | 6.3   | 5.5   | 8.3   |

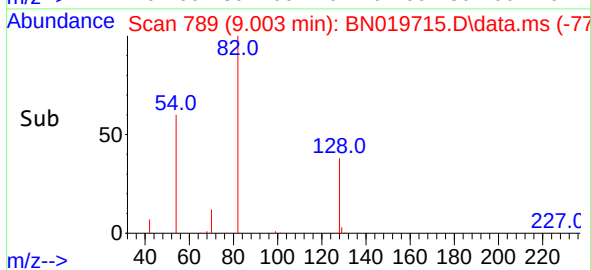
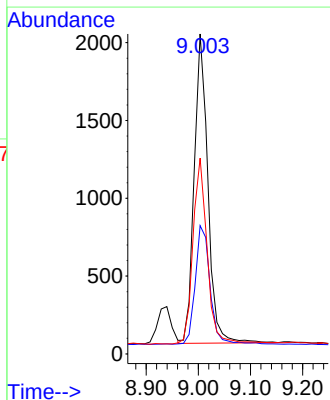
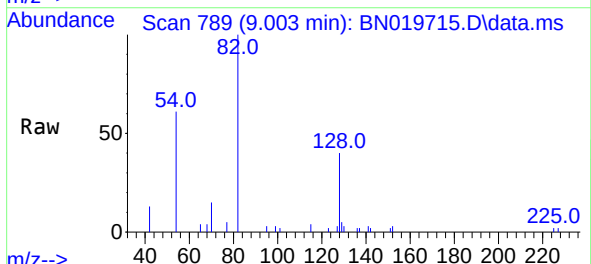
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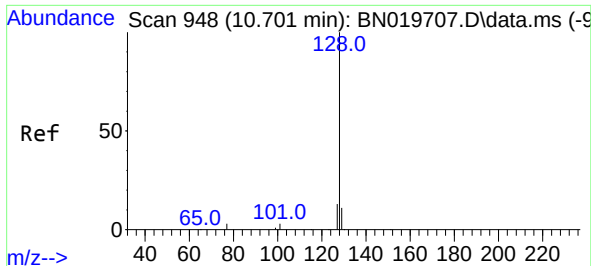
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#8  
Nitrobenzene-d5  
Concen: 0.340 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

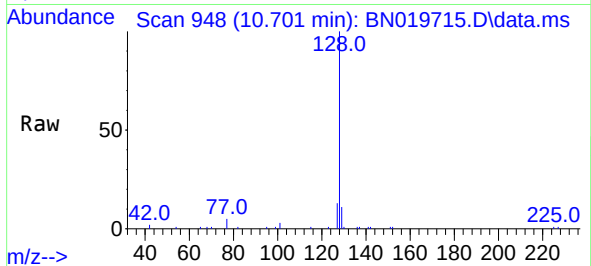
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3630  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.1  | 32.4  | 48.6  |
| 54       | 61.2  | 50.7  | 76.1  |





#9  
Naphthalene  
Concen: 0.350 ng  
RT: 10.701 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
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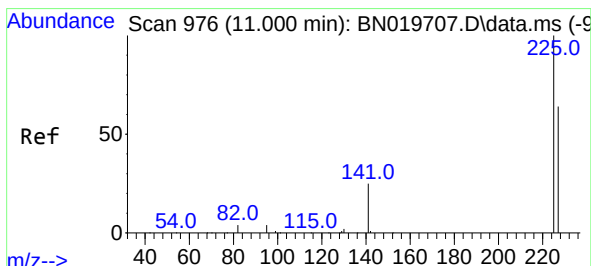
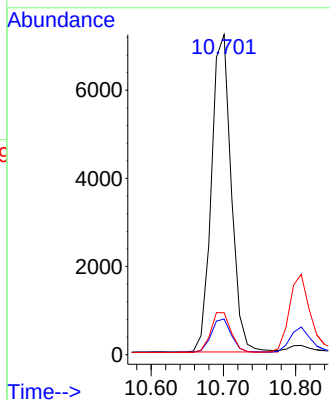
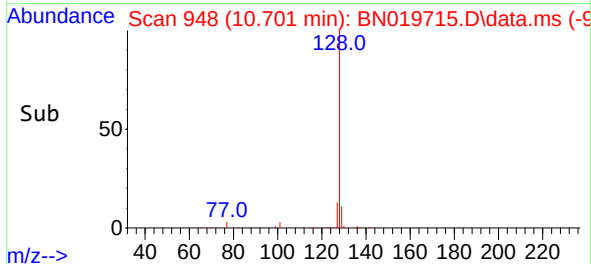
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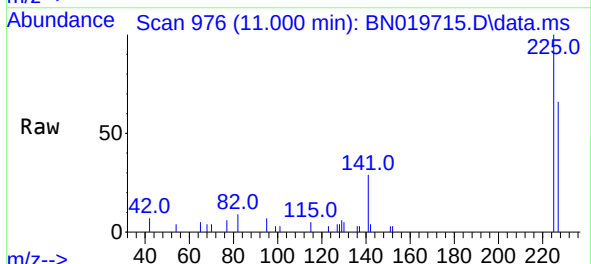
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Ion Ratio Lower Upper  
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127 13.1 10.7 16.1

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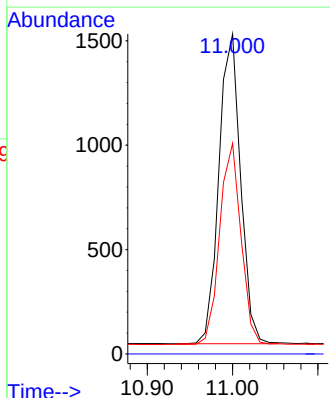
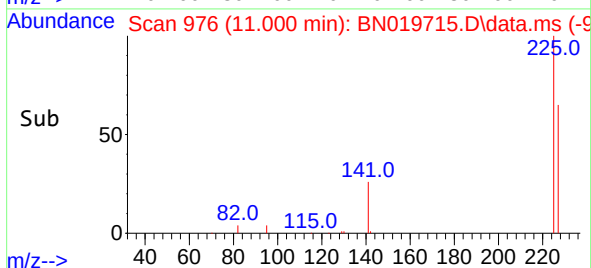
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

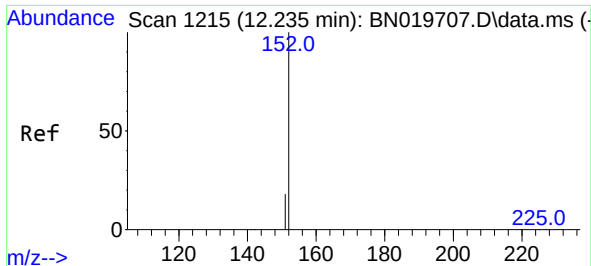


#10  
Hexachlorobutadiene  
Concen: 0.359 ng  
RT: 11.000 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



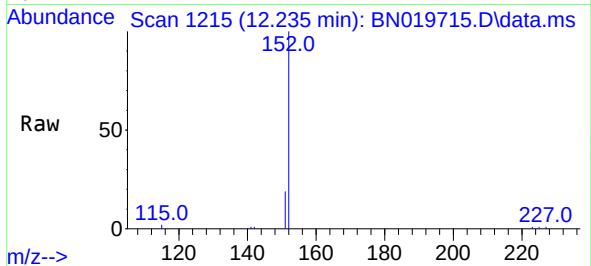
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 51.0 76.4





#11  
2-Methylnaphthalene-d10  
Concen: 0.346 ng  
RT: 12.235 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

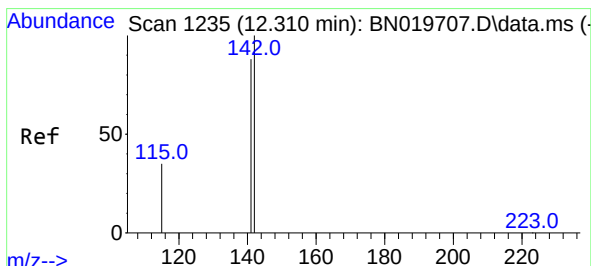
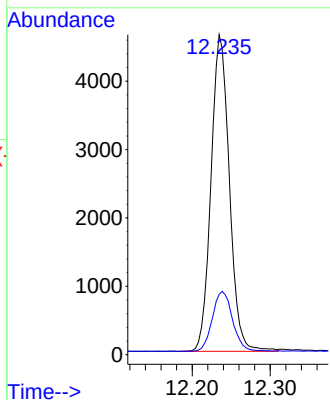
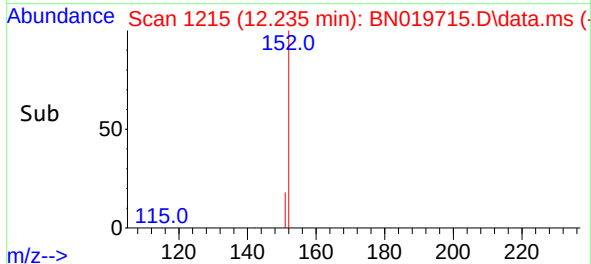
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



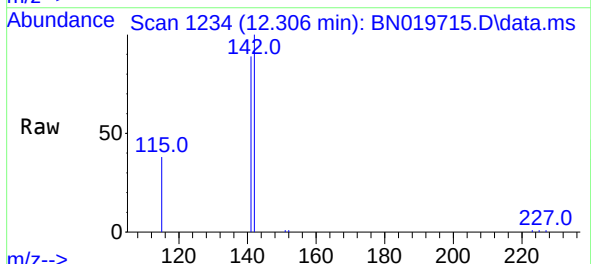
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Ion Ratio Lower Upper  
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151 20.9 16.4 24.6

Manual Integrations  
APPROVED

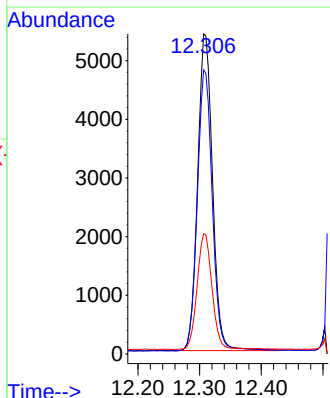
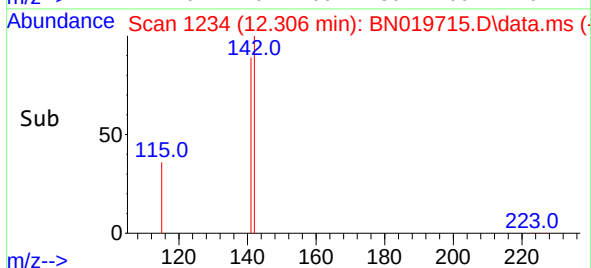
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



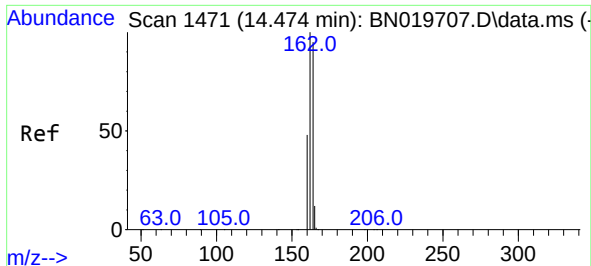
#12  
2-Methylnaphthalene  
Concen: 0.347 ng  
RT: 12.306 min Scan# 1234  
Delta R.T. -0.004 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



Tgt Ion:142 Resp: 9088  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.1 105.1  
115 37.6 28.8 43.2







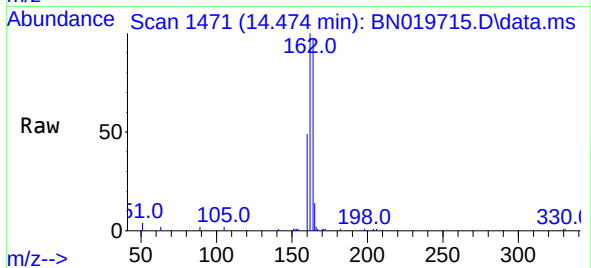
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

Instrument :

BNA\_N

ClientSampleId :

PB144683BSD

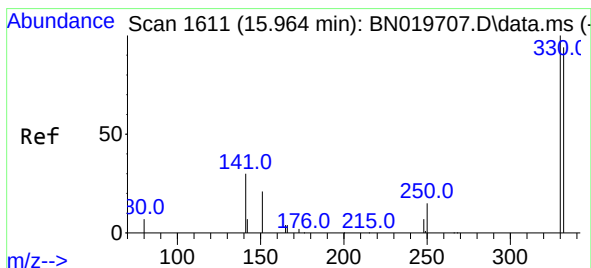
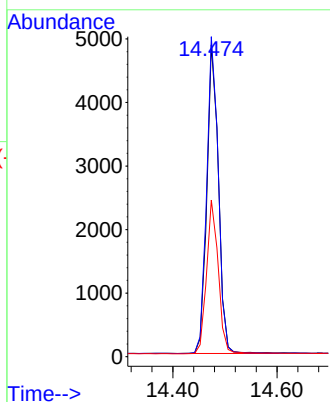
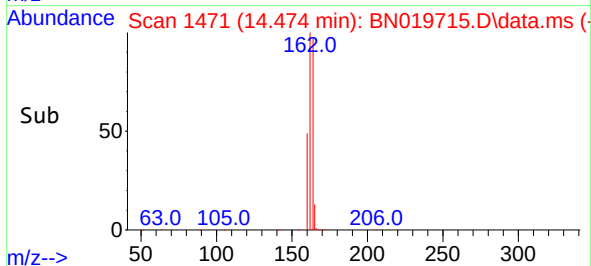


Tgt Ion:164 Resp: 747  
Ion Ratio Lower Upper  
164 100  
162 102.6 84.0 126.0  
160 50.2 41.1 61.7

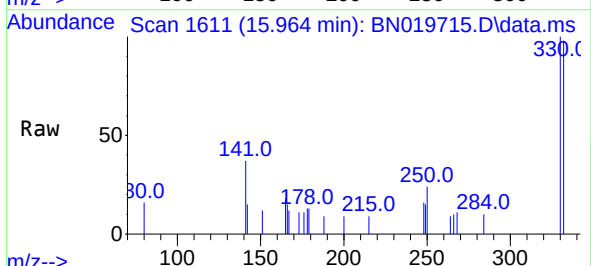
Manual Integrations

APPROVED

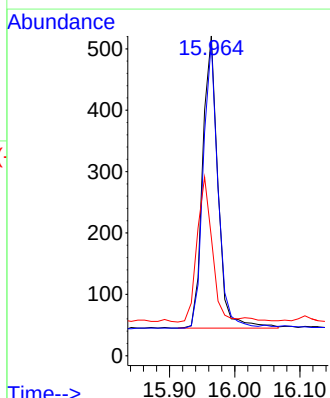
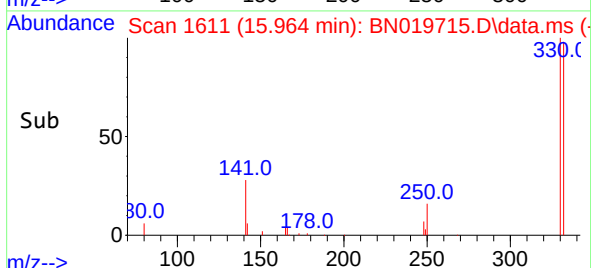
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

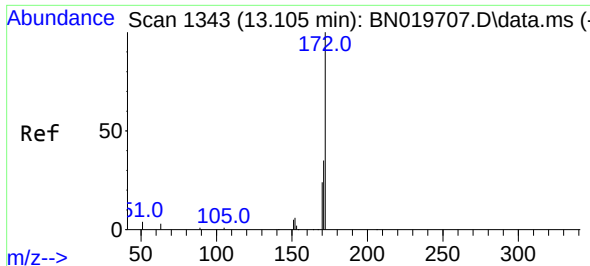


#14  
2,4,6-Tribromophenol  
Concen: 0.286 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



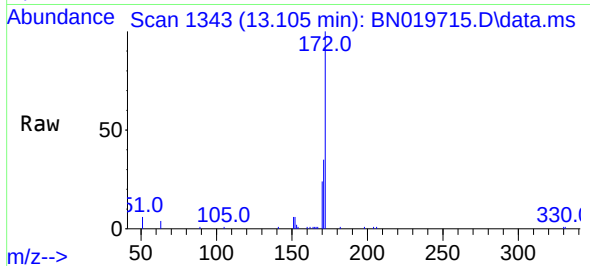
Tgt Ion:330 Resp: 775  
Ion Ratio Lower Upper  
330 100  
332 94.5 75.7 113.5  
141 48.9 40.2 60.2





#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 13.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

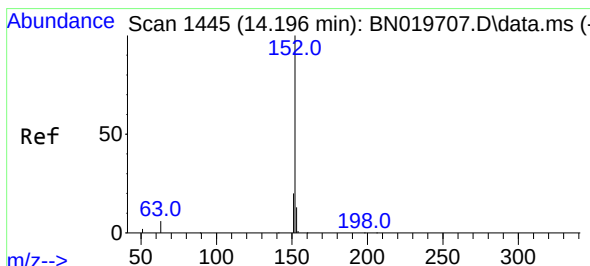
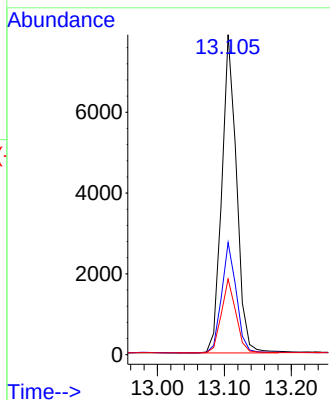
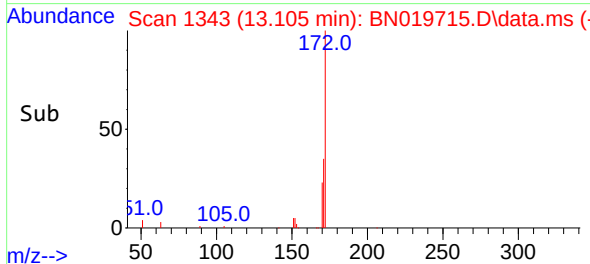
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



Tgt Ion:172 Resp: 1206  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.5 42.7  
170 23.6 19.4 29.2

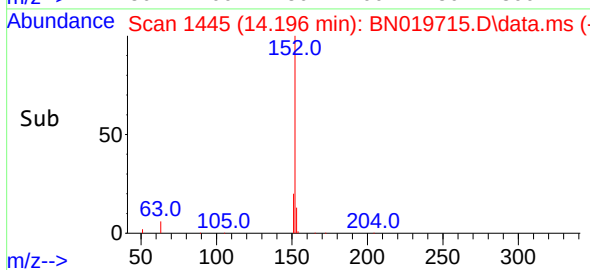
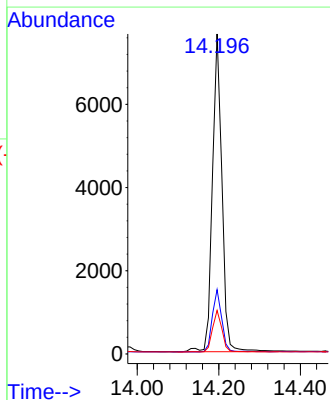
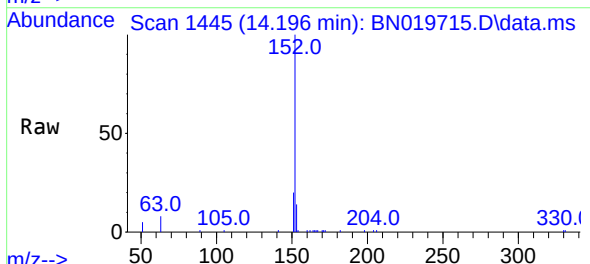
Manual Integrations  
APPROVED

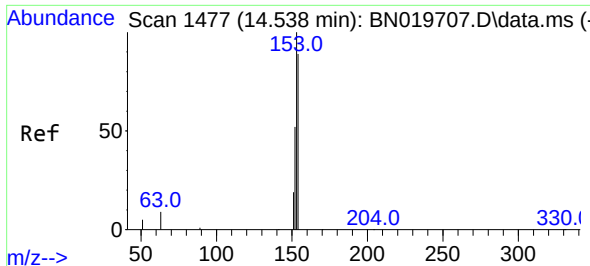
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#16  
Acenaphthylene  
Concen: 0.329 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

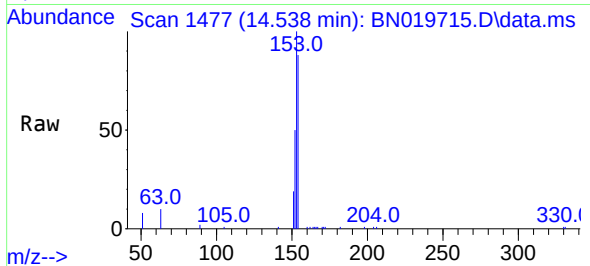
Tgt Ion:152 Resp: 12363  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.4 23.2  
153 13.3 10.0 15.0





#17  
Acenaphthene  
Concen: 0.338 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

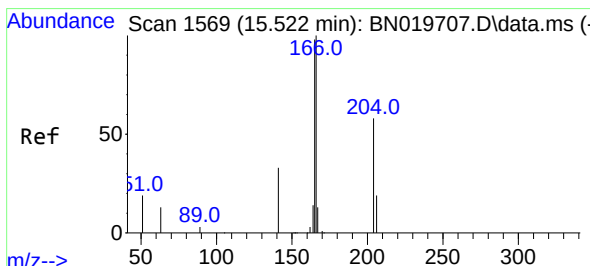
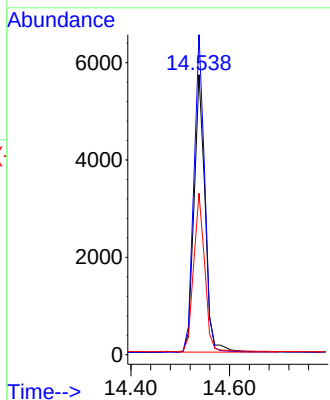
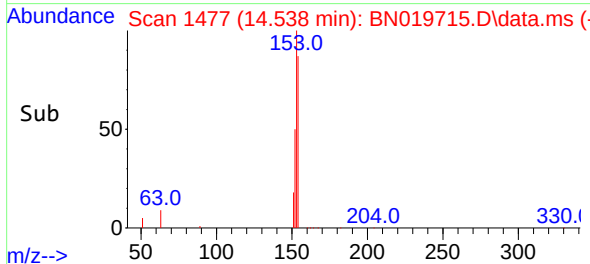
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



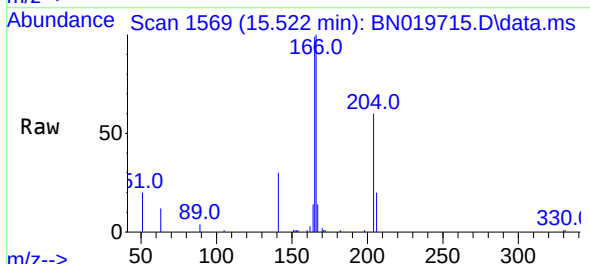
Tgt Ion:154 Resp: 888  
Ion Ratio Lower Upper  
154 100  
153 111.4 87.1 130.7  
152 57.2 45.5 68.3

Manual Integrations  
APPROVED

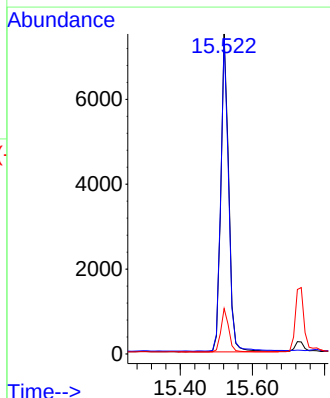
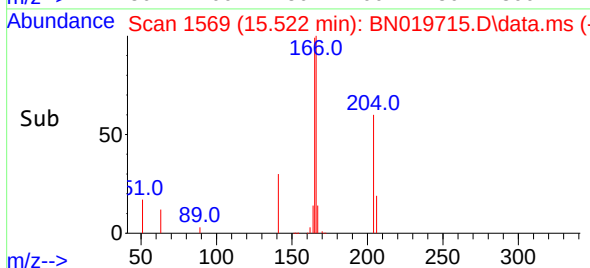
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

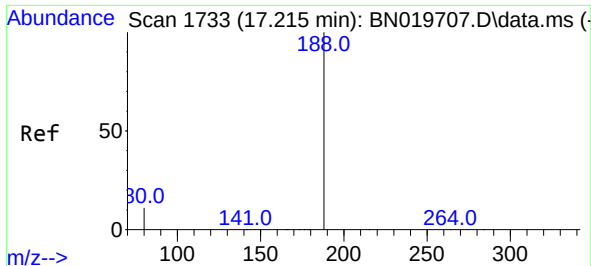


#18  
Fluorene  
Concen: 0.338 ng  
RT: 15.522 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



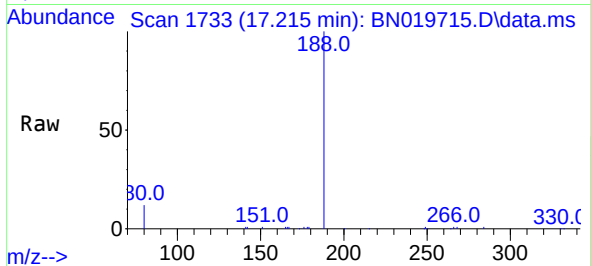
Tgt Ion:166 Resp: 11258  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.0 117.0  
167 13.6 10.8 16.2





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

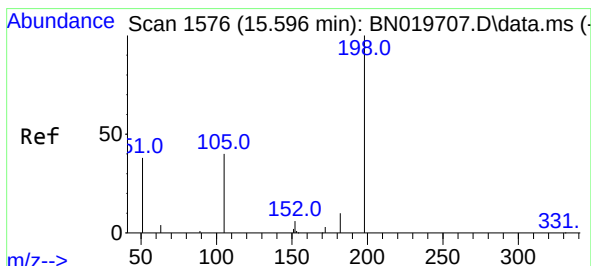
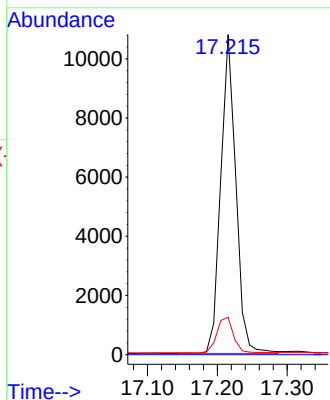
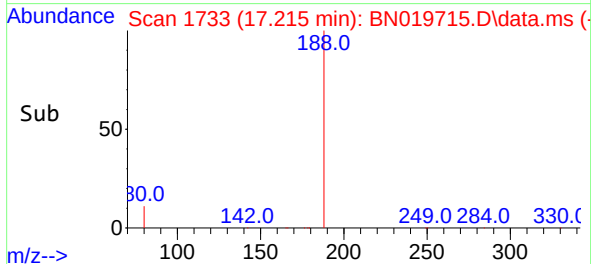
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



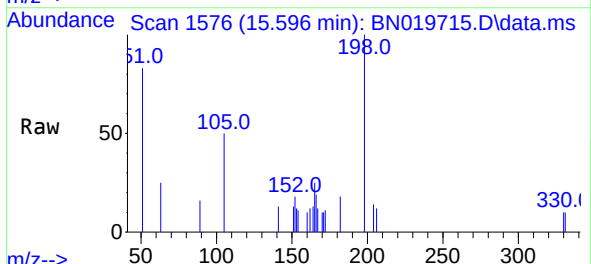
Tgt Ion:188 Resp: 1618  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.7 9.6 14.4

Manual Integrations  
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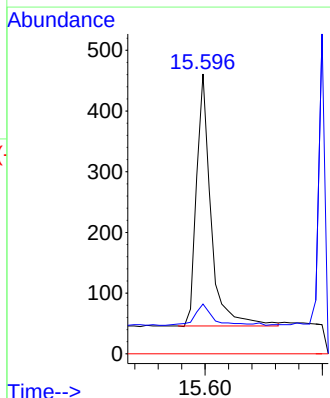
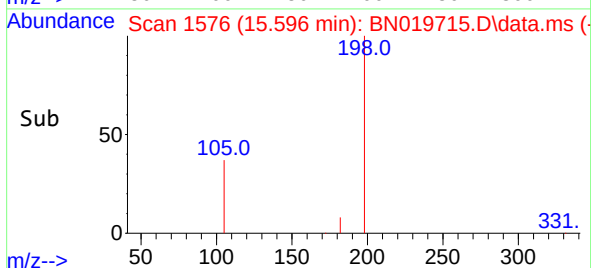
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

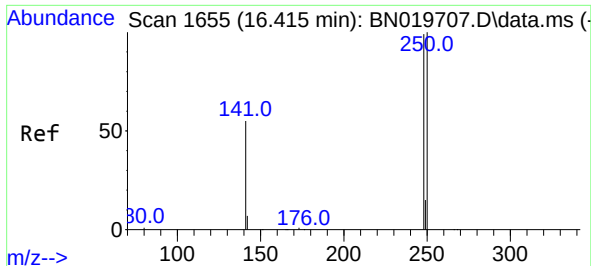


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.319 ng  
RT: 15.596 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



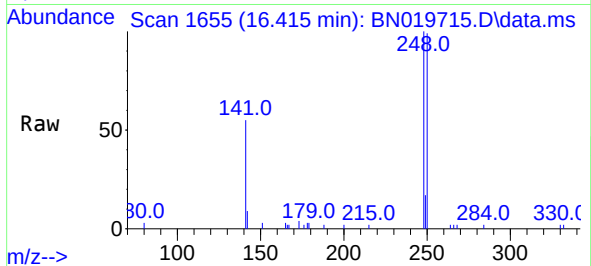
Tgt Ion:198 Resp: 715  
Ion Ratio Lower Upper  
198 100  
182 17.8 14.9 22.3  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.342 ng  
RT: 16.415 min Scan# 1655  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

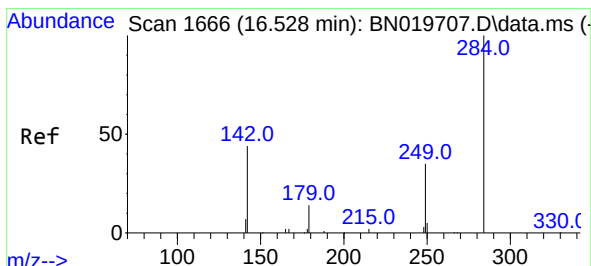
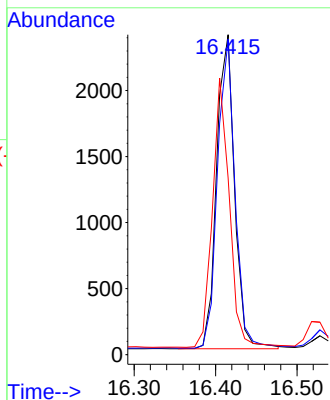
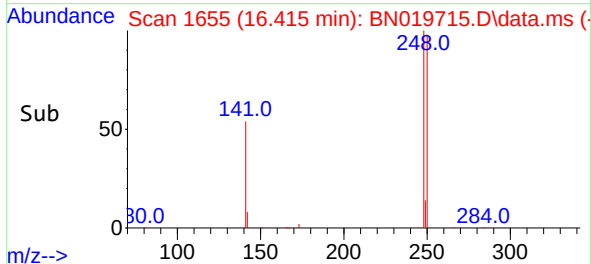
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



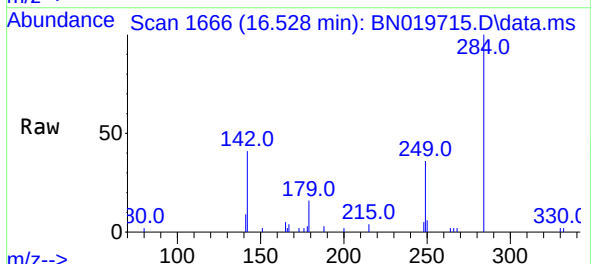
Tgt Ion:248 Resp: 3624  
Ion Ratio Lower Upper  
248 100  
250 98.6 80.6 121.0  
141 55.3 45.4 68.2

Manual Integrations  
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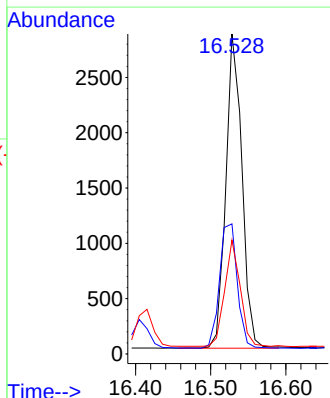
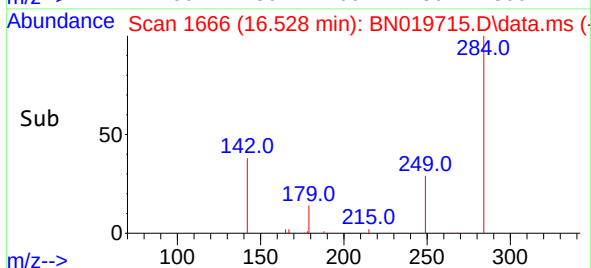
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

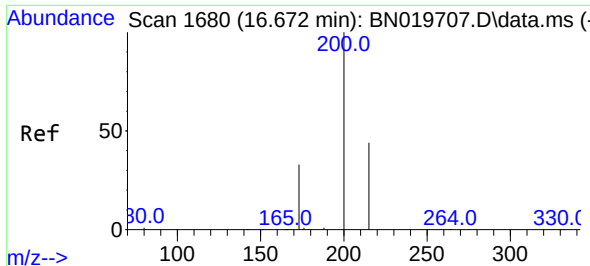


#22  
Hexachlorobenzene  
Concen: 0.351 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



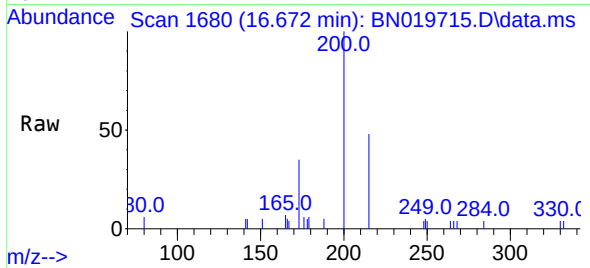
Tgt Ion:284 Resp: 4230  
Ion Ratio Lower Upper  
284 100  
142 43.5 35.4 53.2  
249 32.4 26.1 39.1





#23  
Atrazine  
Concen: 0.289 ng  
RT: 16.672 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

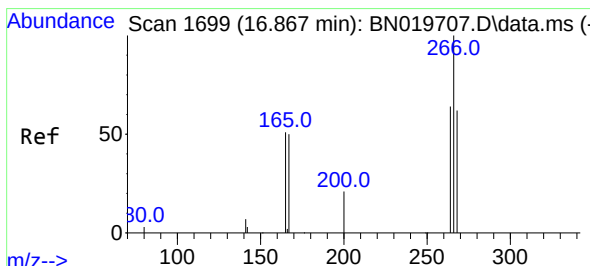
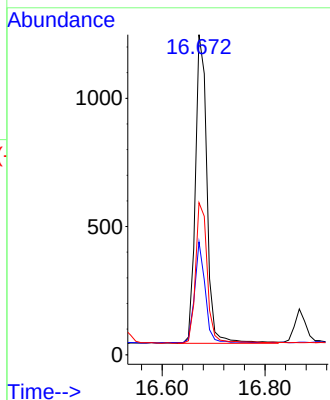
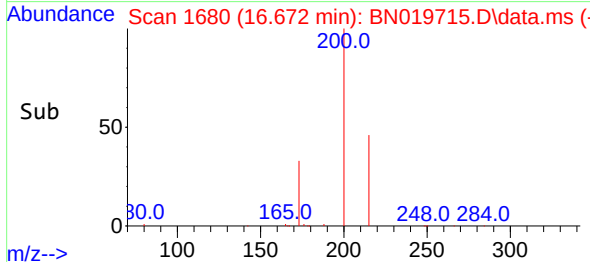
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



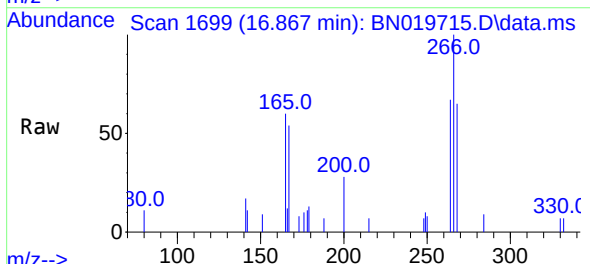
Tgt Ion:200 Resp: 188  
Ion Ratio Lower Upper  
200 100  
173 35.3 28.4 42.6  
215 47.5 36.3 54.5

Manual Integrations  
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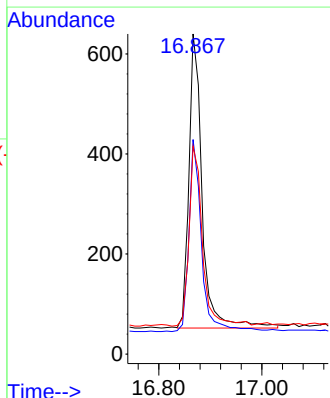
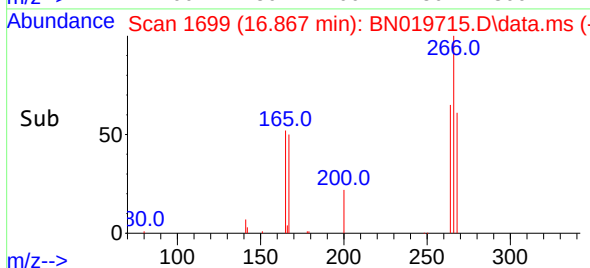
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

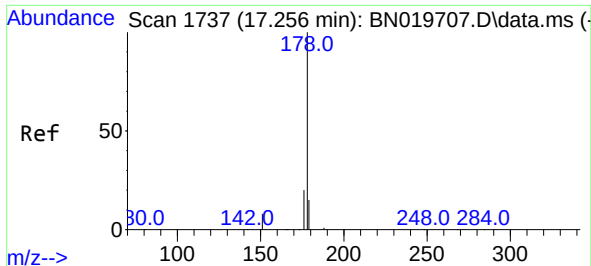


#24  
Pentachlorophenol  
Concen: 0.290 ng m  
RT: 16.867 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



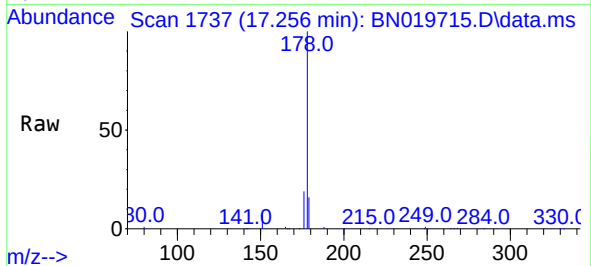
Tgt Ion:266 Resp: 1055  
Ion Ratio Lower Upper  
266 100  
264 62.0 49.3 73.9  
268 61.6 51.3 76.9





#25  
Phenanthrene  
Concen: 0.345 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

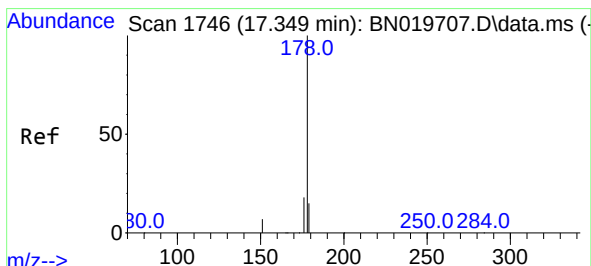
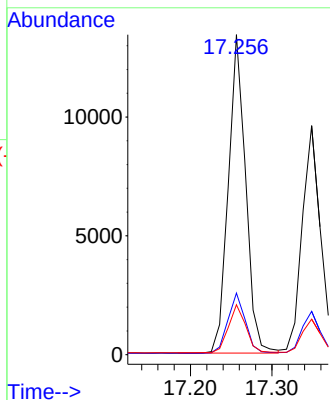
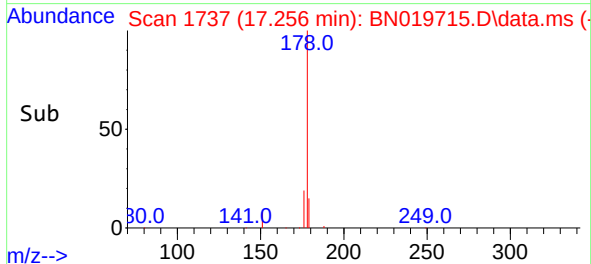
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



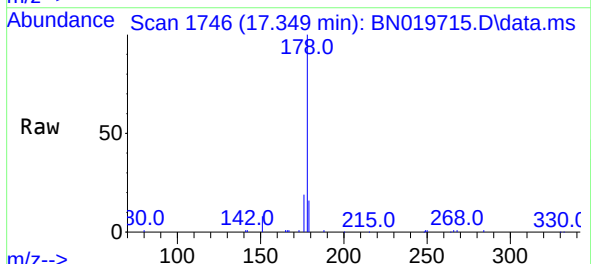
Tgt Ion:178 Resp: 19774  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.4 12.2 18.2

Manual Integrations  
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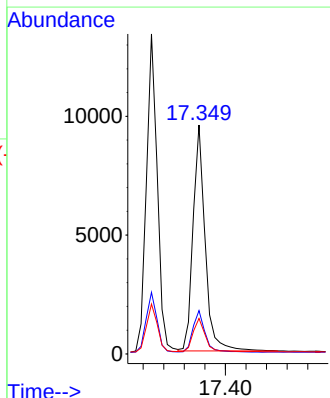
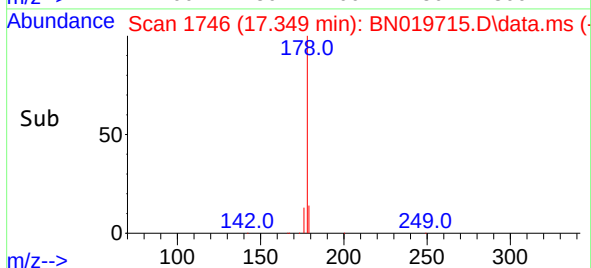
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

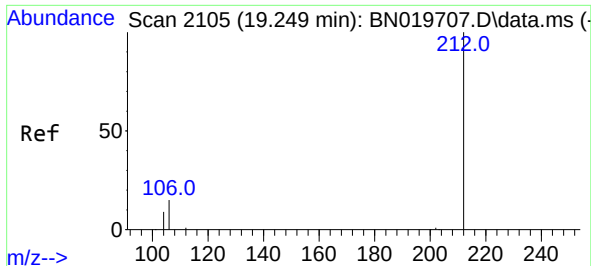


#26  
Anthracene  
Concen: 0.328 ng  
RT: 17.349 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



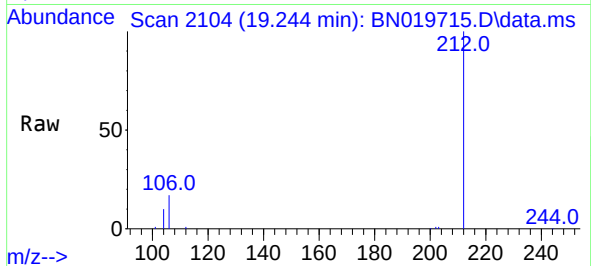
Tgt Ion:178 Resp: 15555  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.0 12.0 18.0





#27  
Fluoranthene-d10  
Concen: 0.331 ng  
RT: 19.244 min Scan# 2104  
Delta R.T. -0.004 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

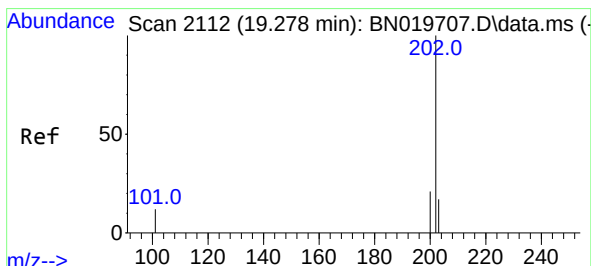
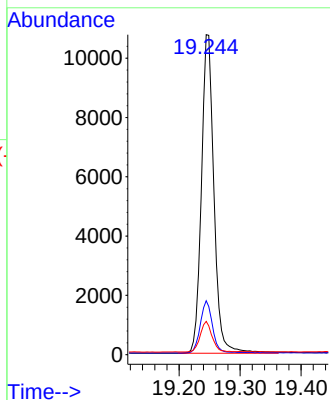
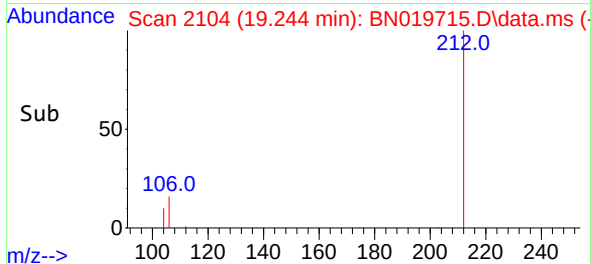
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



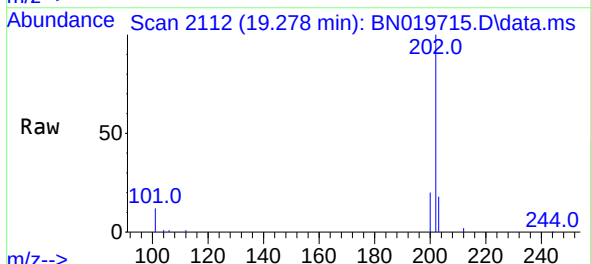
Tgt Ion:212 Resp: 15448  
Ion Ratio Lower Upper  
212 100  
106 16.1 13.0 19.4  
104 9.0 7.3 10.9

Manual Integrations  
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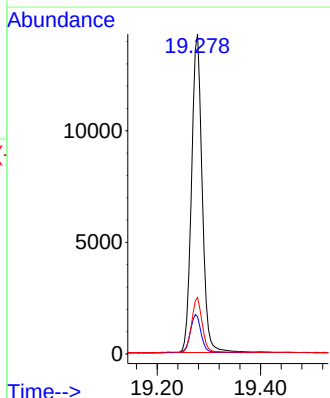
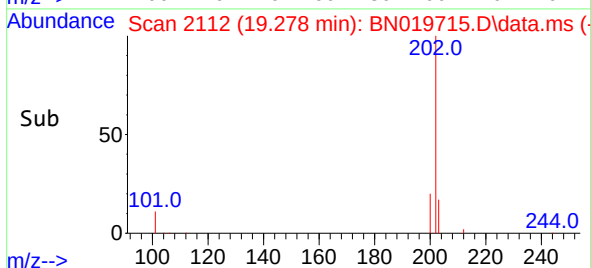
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



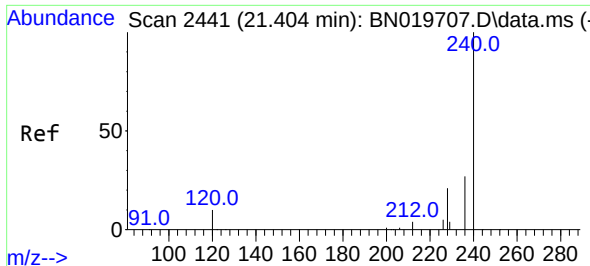
#28  
Fluoranthene  
Concen: 0.334 ng  
RT: 19.278 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



Tgt Ion:202 Resp: 20435  
Ion Ratio Lower Upper  
202 100  
101 12.5 10.2 15.2  
203 16.9 13.6 20.4

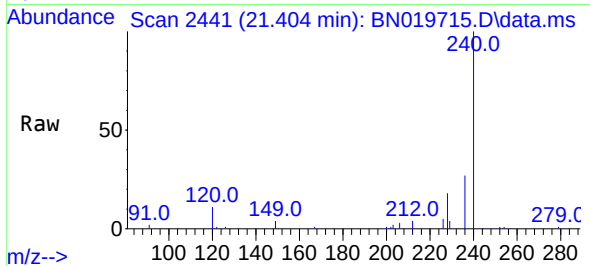






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

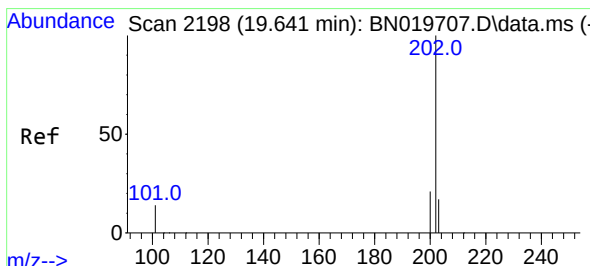
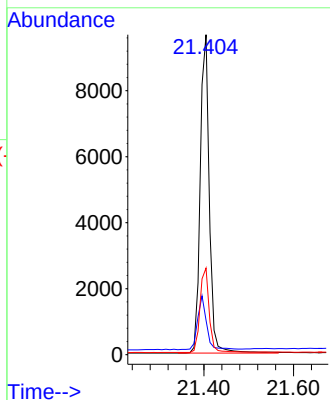
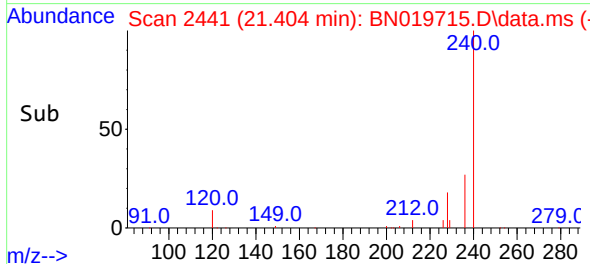
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



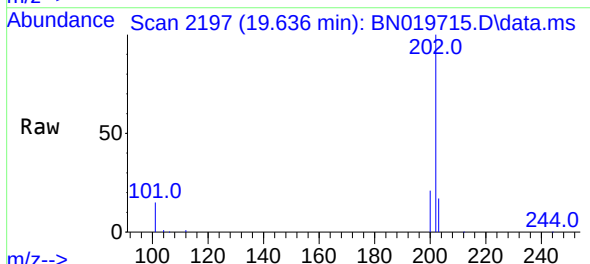
Tgt Ion:240 Resp: 13669  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.0 13.6  
236 27.1 22.0 33.0

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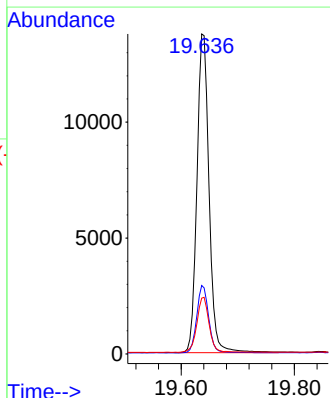
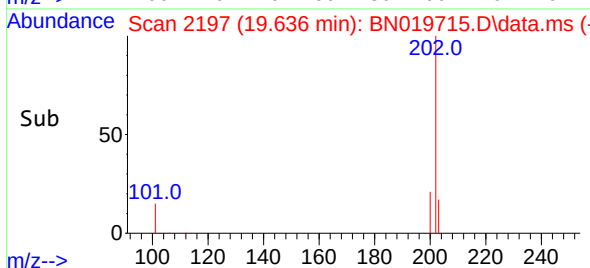
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

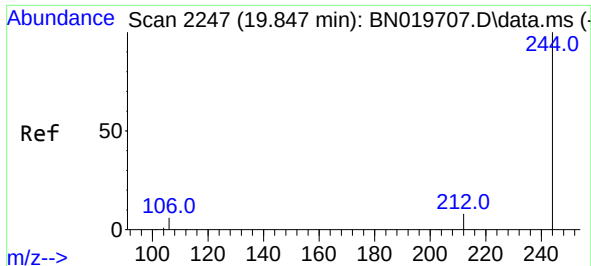


#30  
Pyrene  
Concen: 0.351 ng  
RT: 19.636 min Scan# 2197  
Delta R.T. -0.004 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



Tgt Ion:202 Resp: 20422  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.7 25.1  
203 17.4 14.2 21.2





#31  
Terphenyl-d14  
Concen: 0.361 ng  
RT: 19.847 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

Instrument :

BNA\_N

ClientSampleId :

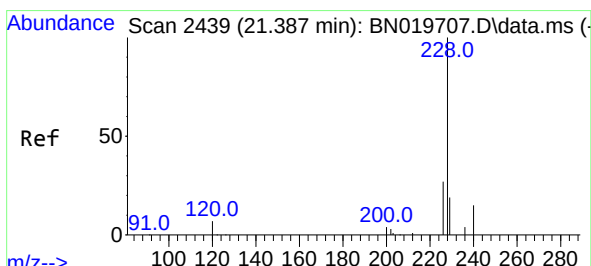
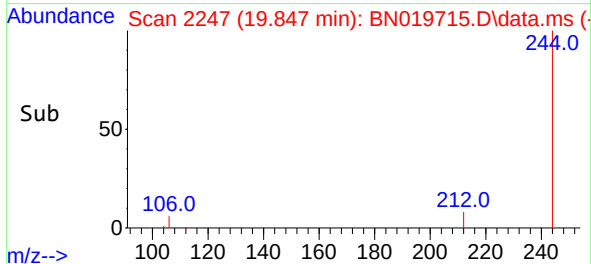
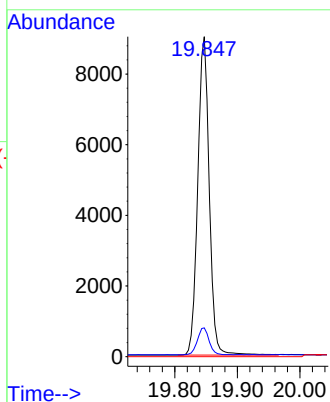
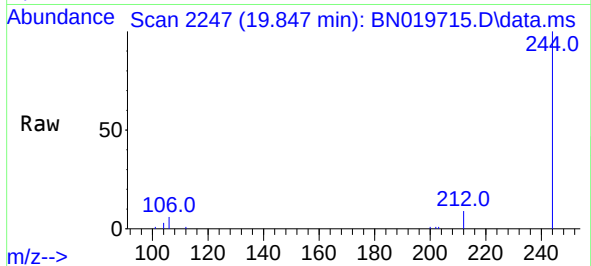
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Tgt Ion:244 Resp: 1146  
Ion Ratio Lower Upper  
244 100  
212 9.0 7.0 10.6  
122 0.0 0.0 0.0

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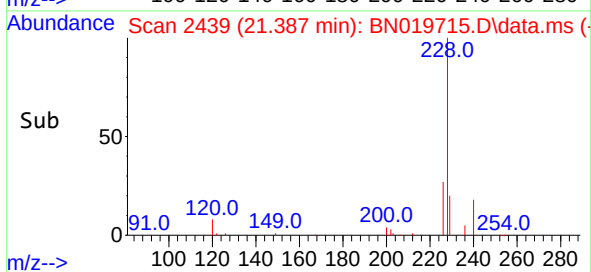
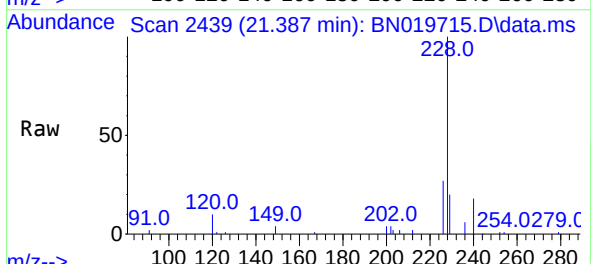
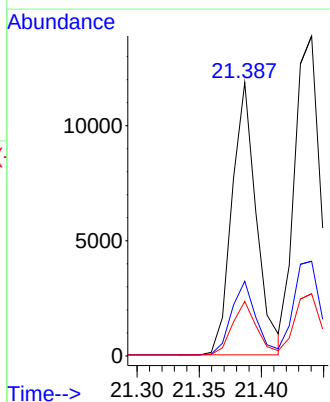
APPROVED

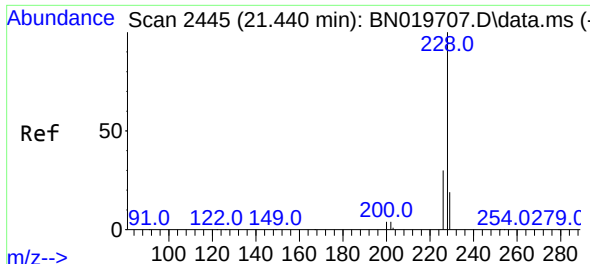
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#32  
Benzo(a)anthracene  
Concen: 0.327 ng  
RT: 21.387 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

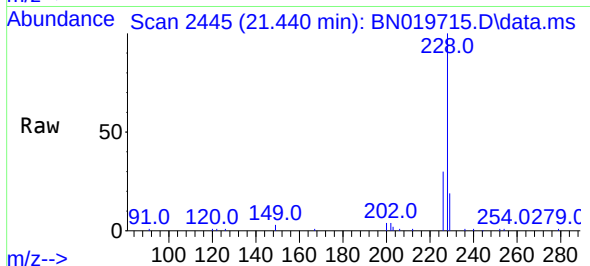
Tgt Ion:228 Resp: 16183  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.8 32.8  
229 20.0 15.7 23.5





#33  
Chrysene  
Concen: 0.351 ng  
RT: 21.440 min Scan# 2445  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

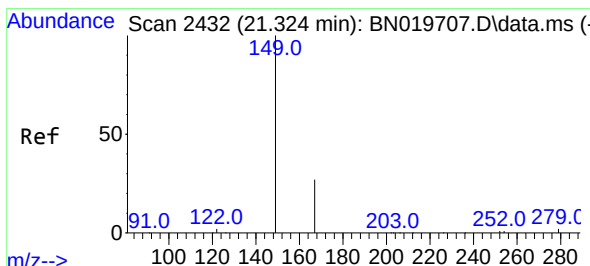
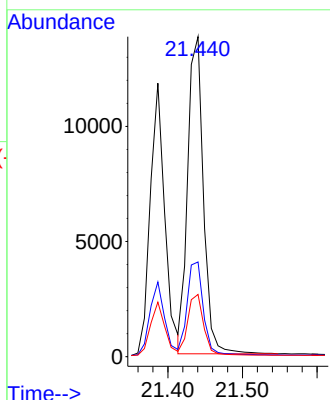
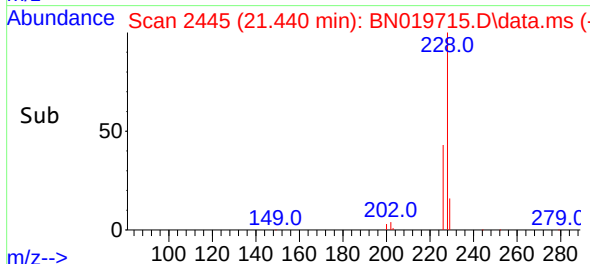
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



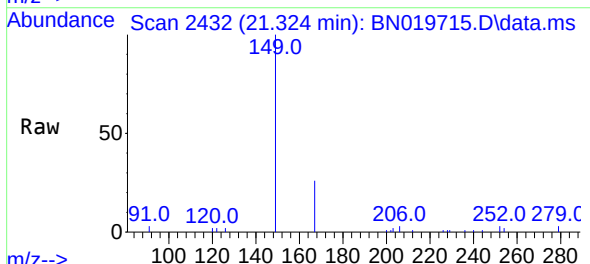
Tgt Ion: 228 Resp: 20274  
Ion Ratio Lower Upper  
228 100  
226 29.6 24.0 36.0  
229 19.4 15.8 23.6

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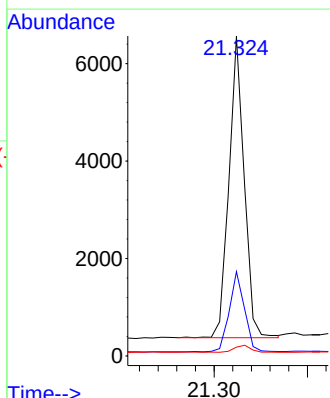
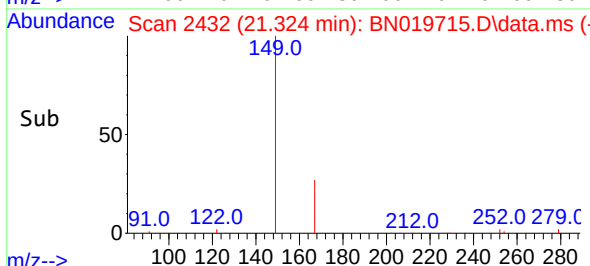
Reviewed By : Christian Giraldo 05/10/2022  
Supervised By : Jagrut Upadhyay 05/10/2022

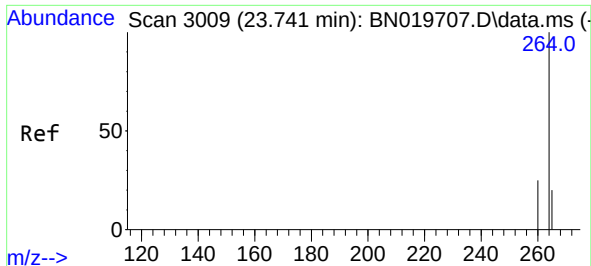


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.317 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. 0.000 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



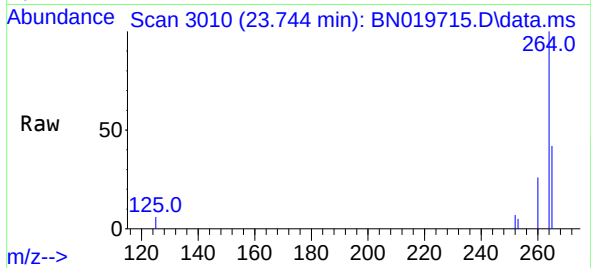
Tgt Ion: 149 Resp: 7040  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.0 31.6  
279 2.5 2.2 3.2





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.744 min Scan# 3009  
Delta R.T. 0.003 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

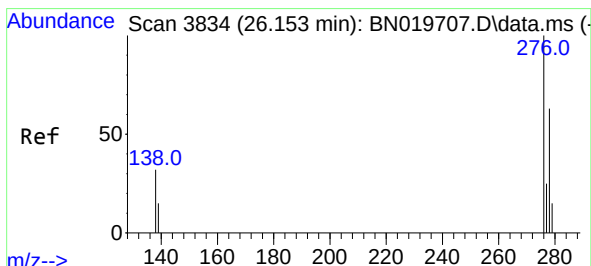
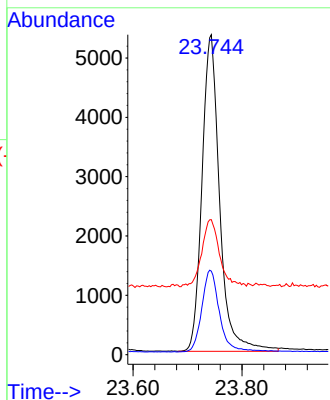
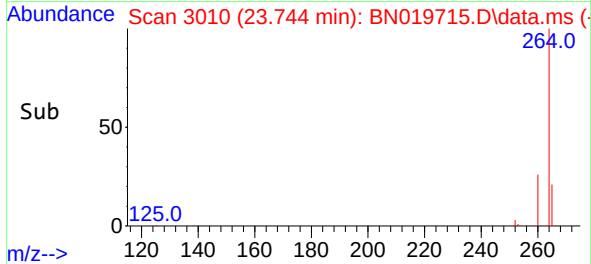
Instrument :  
BNA\_N  
ClientSampleId :  
PB144683BSD



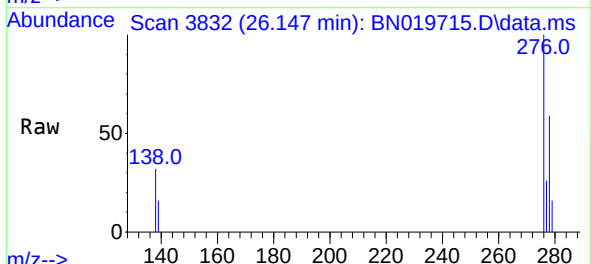
Tgt Ion:264 Resp: 1198  
Ion Ratio Lower Upper  
264 100  
260 26.1 20.8 31.2  
265 42.2 35.6 53.4

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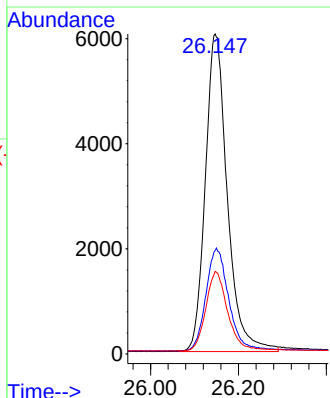
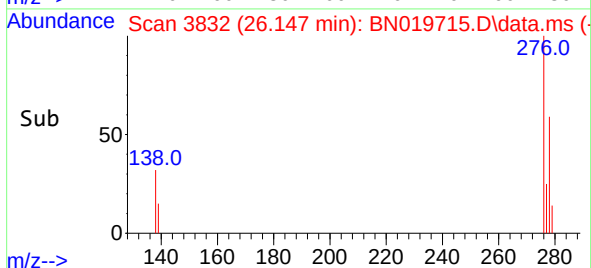
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

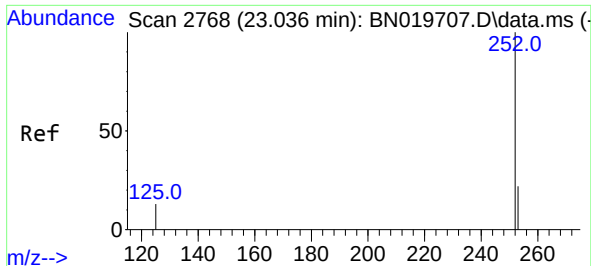


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.347 ng  
RT: 26.147 min Scan# 3832  
Delta R.T. -0.006 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



Tgt Ion:276 Resp: 21022  
Ion Ratio Lower Upper  
276 100  
138 33.4 27.1 40.7  
277 24.8 20.0 30.0





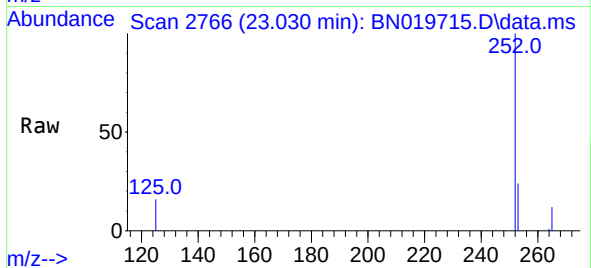
#37  
Benzo(b)fluoranthene  
Concen: 0.325 ng  
RT: 23.030 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

Instrument :

BNA\_N

ClientSampleId :

PB144683BSD

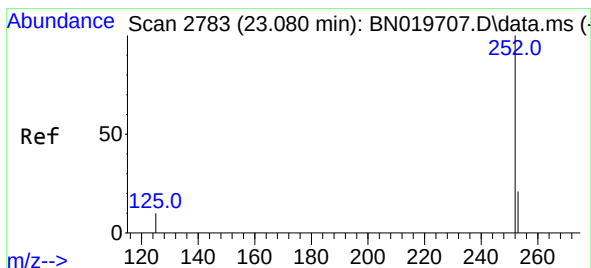
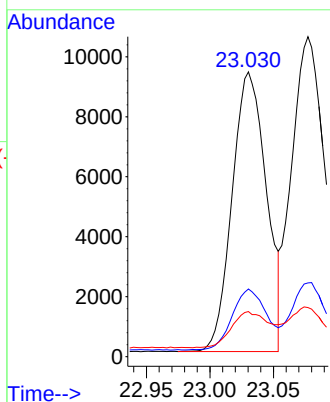
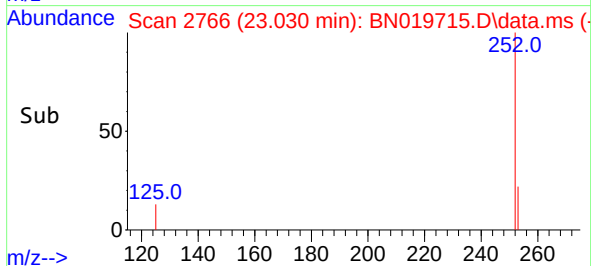


Tgt Ion:252 Resp: 1747  
Ion Ratio Lower Upper  
252 100  
253 23.8 19.0 28.4  
125 15.9 12.3 18.5

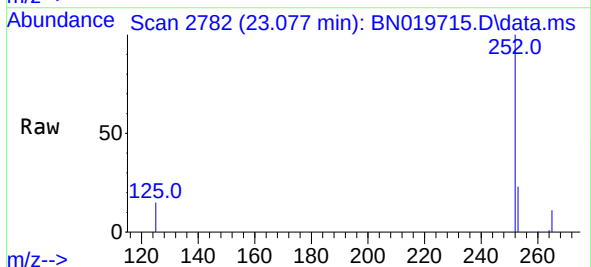
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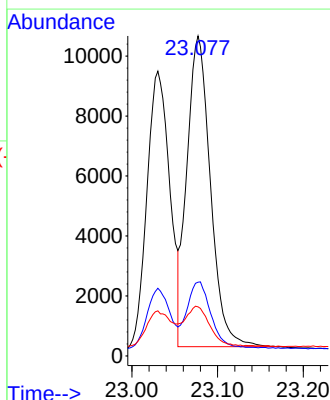
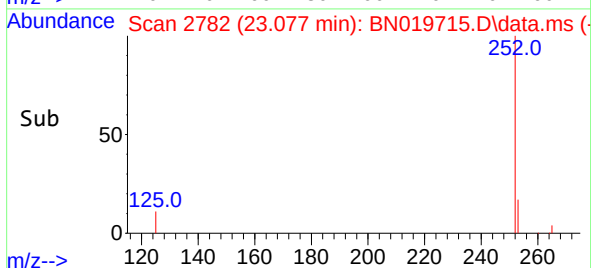
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

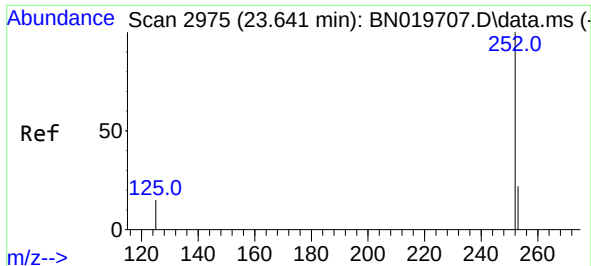


#38  
Benzo(k)fluoranthene  
Concen: 0.353 ng  
RT: 23.077 min Scan# 2782  
Delta R.T. -0.003 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50



Tgt Ion:252 Resp: 19748  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.6 27.8  
125 15.3 12.3 18.5





#39  
Benzo(a)pyrene  
Concen: 0.322 ng  
RT: 23.636 min Scan# 2975  
Delta R.T. -0.006 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

Instrument :

BNA\_N

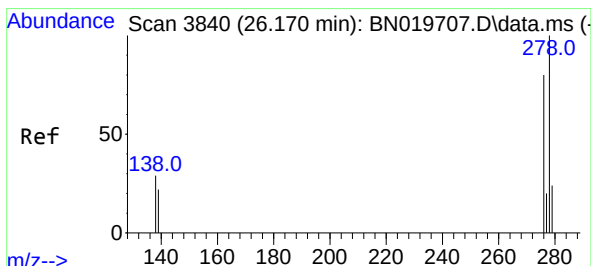
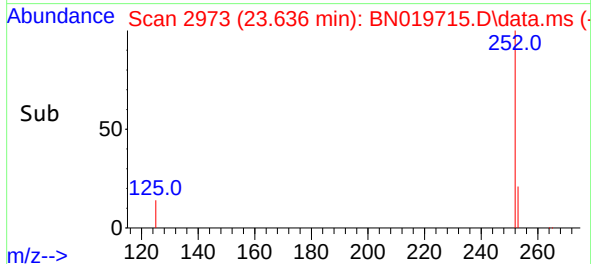
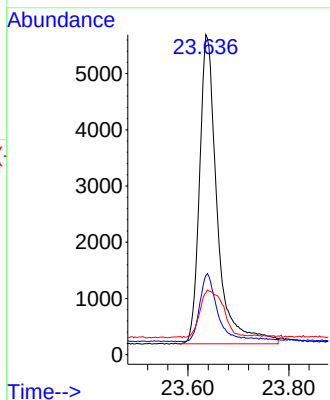
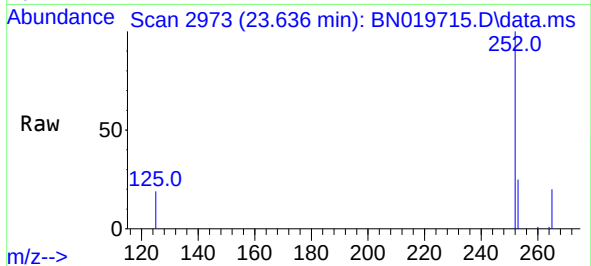
ClientSampleId :

PB144683BSD

Tgt Ion:252 Resp: 13392  
Ion Ratio Lower Upper  
252 100  
253 24.8 20.0 30.0  
125 19.3 15.5 23.3

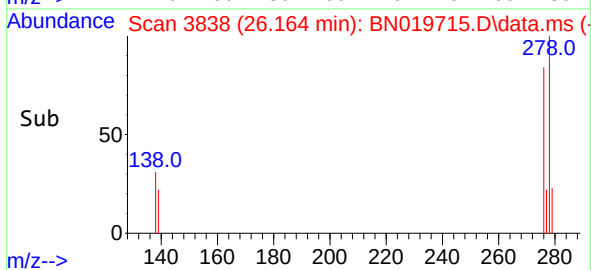
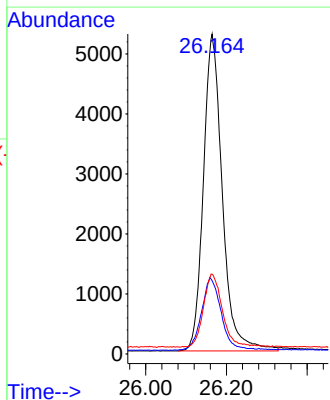
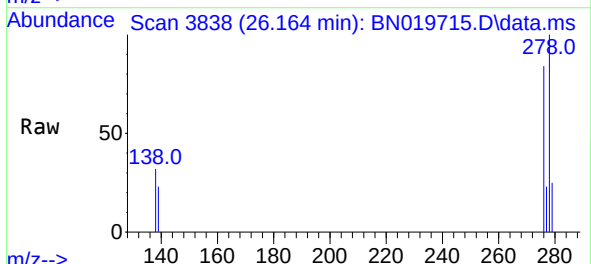
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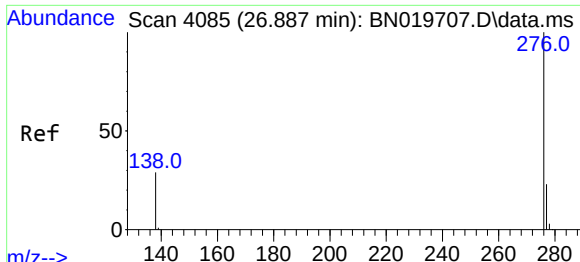
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.347 ng  
RT: 26.164 min Scan# 3838  
Delta R.T. -0.006 min  
Lab File: BN019715.D  
Acq: 09 May 2022 23:50

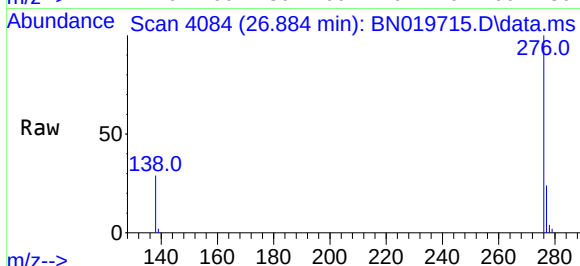
Tgt Ion:278 Resp: 17215  
Ion Ratio Lower Upper  
278 100  
139 22.9 18.5 27.7  
279 25.0 20.2 30.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.331 ng  
 RT: 26.884 min Scan# 4084  
 Delta R.T. -0.003 min  
 Lab File: BN019715.D  
 Acq: 09 May 2022 23:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144683BSD



Tgt Ion: 276 Resp: 1714  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 19.4 29.0  
 138 29.2 24.1 36.1

Manual Integrations  
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Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

