

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072222\  
 Data File : BG054372.D  
 Acq On : 22 Jul 2022 23:34  
 Operator : CG/JU  
 Sample : N3814-09 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-DE-2(10-15)

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022  
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 01:01:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 15:54:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.996  | 152  | 26621    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.804 | 136  | 102380   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.629 | 164  | 72318    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.379 | 188  | 164290   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.644 | 240  | 185419   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.852 | 264  | 180903   | 20.000  | ng    | 0.01     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 5782     | 4.535   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.179  | 99   | 9018     | 5.162   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.159  | 82   | 6607     | 3.514   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.122 | 330  | 16566    | 10.910  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.248 | 172  | 29309    | 5.717   | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.982 | 244  | 70653    | 7.559   | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 31) Naphthalene               | 10.857 | 128  | 43329    | 8.431   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.461 | 142  | 28719    | 7.277   | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.678 | 142  | 25669    | 6.675   | ng    | 92       |
| 49) Acenaphthylene            | 14.359 | 152  | 18398    | 2.990   | ng    | # 91     |
| 52) Acenaphthene              | 14.694 | 154  | 35987    | 9.660   | ng    | 96       |
| 55) Dibenzofuran              | 15.029 | 168  | 44440    | 6.704   | ng    | # 93     |
| 58) Fluorene                  | 15.675 | 166  | 69780    | 12.803  | ng    | 95       |
| 71) Phenanthrene              | 17.426 | 178  | 855383   | 104.550 | ng    | 96       |
| 72) Anthracene                | 17.508 | 178  | 226227   | 28.177  | ng    | 99       |
| 73) Carbazole                 | 17.778 | 167  | 65937    | 9.975   | ng    | 98       |
| 75) Fluoranthene              | 19.435 | 202  | 1013151  | 90.843  | ng    | 93       |
| 78) Pyrene                    | 19.800 | 202  | 957015   | 89.952  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.627 | 228  | 592736   | 50.359  | ng    | 97       |
| 83) Chrysene                  | 21.691 | 228  | 520123m  | 46.773  | ng    |          |
| 84) Bis(2-ethylhexyl)phtha... | 21.521 | 149  | 17623    | 3.756   | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.525 | 276  | 172654   | 12.546  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.848 | 252  | 572037   | 53.469  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.895 | 252  | 209440m  | 19.671  | ng    |          |
| 90) Benzo(a)pyrene            | 24.706 | 252  | 439793m  | 48.136  | ng    |          |
| 91) Dibenzo(a,h)anthracene    | 28.566 | 278  | 45287    | 4.002   | ng    | # 86     |
| 92) Benzo(g,h,i)perylene      | 29.676 | 276  | 142524   | 12.761  | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

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

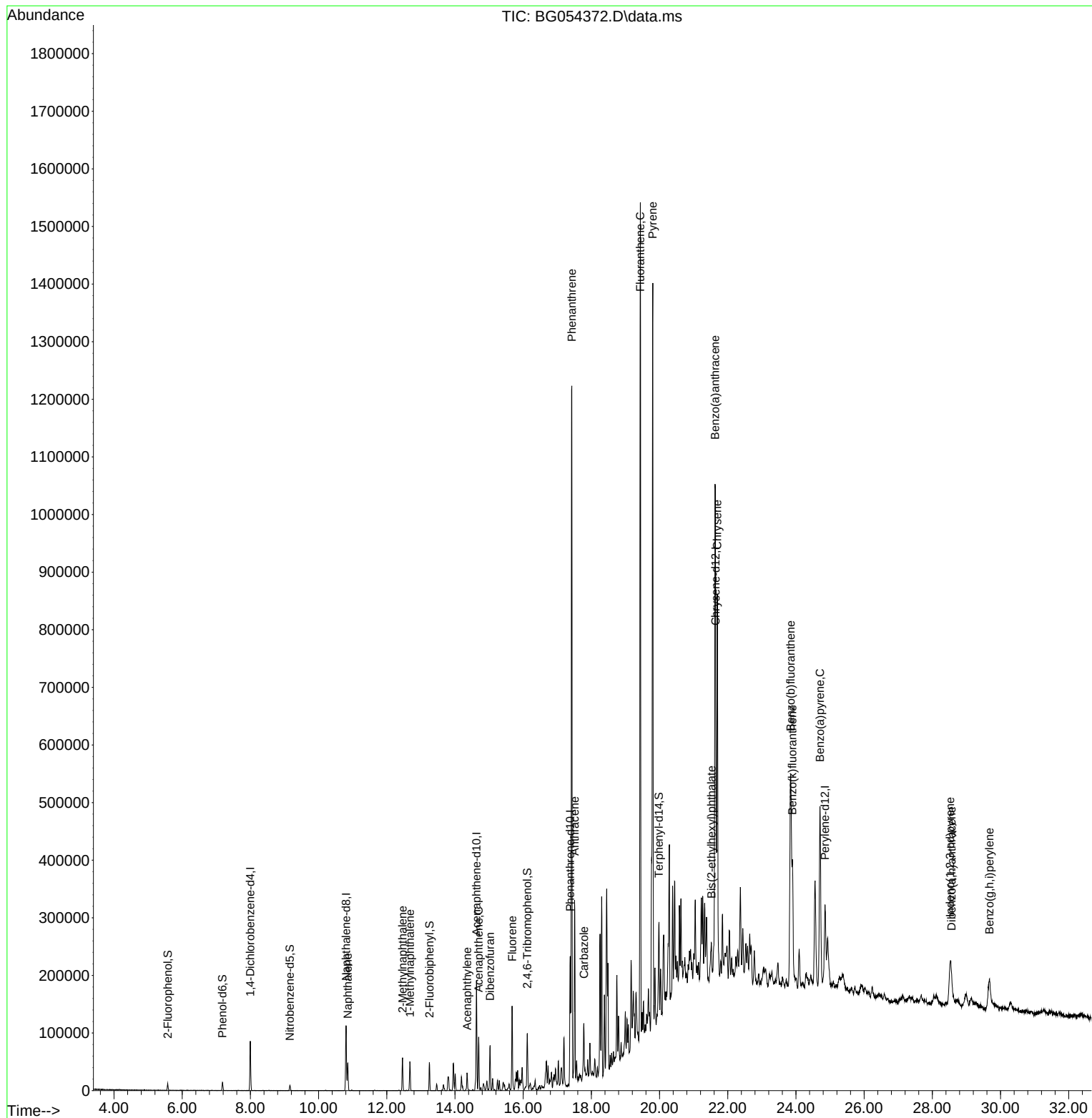
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072222\  
Data File : BG054372.D  
Acq On : 22 Jul 2022 23:34  
Operator : CG/JU  
Sample : N3814-09 5X  
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ALS Vial : 17 Sample Multiplier: 1

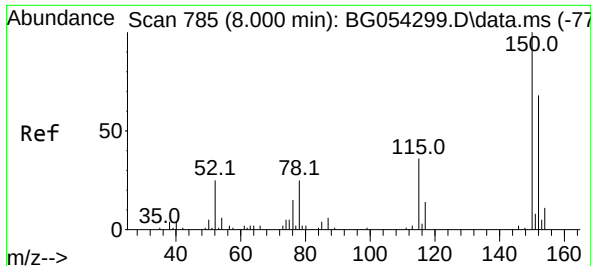
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)

Quant Time: Jul 23 01:01:18 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 15 15:54:11 2022  
Response via : Initial Calibration

Manual Integrations  
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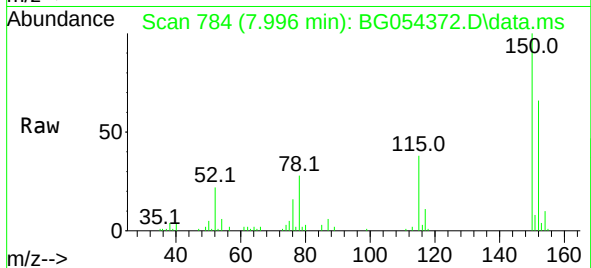
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.996 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

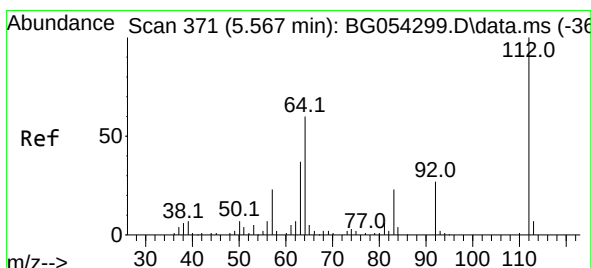
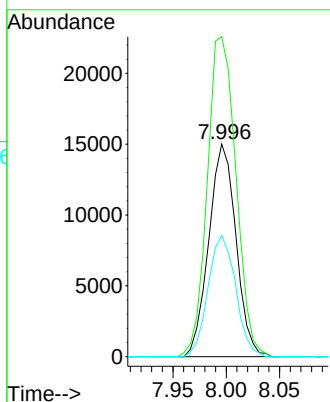
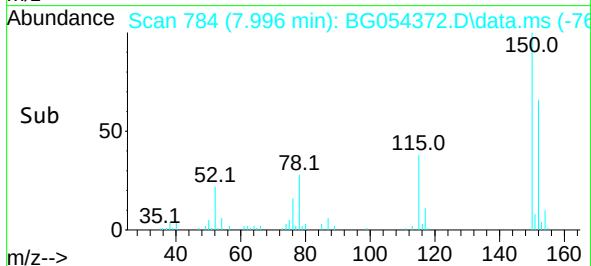
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)



Tgt Ion:152 Resp: 2662  
Ion Ratio Lower Upper  
152 100  
150 150.5 131.6 197.4  
115 57.0 50.9 76.3

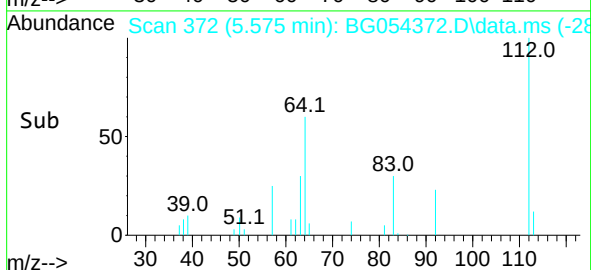
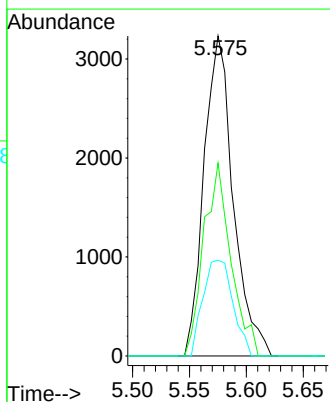
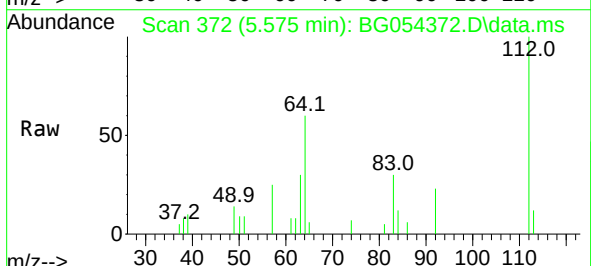
Manual Integrations  
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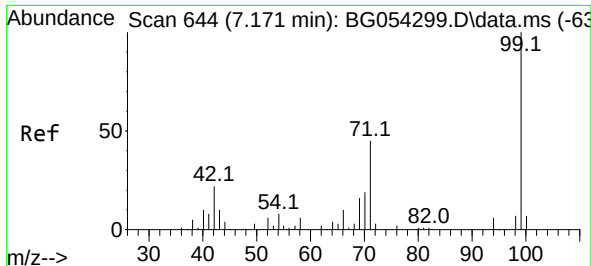
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#5  
2-Fluorophenol  
Concen: 4.535 ng  
RT: 5.575 min Scan# 372  
Delta R.T. 0.008 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

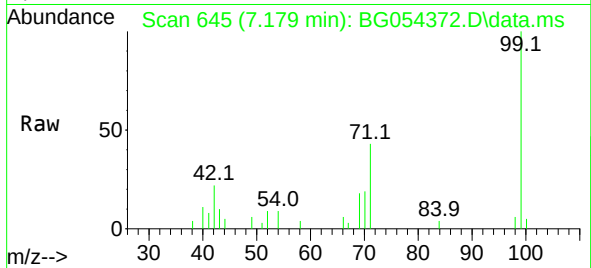
Tgt Ion:112 Resp: 5782  
Ion Ratio Lower Upper  
112 100  
64 60.3 55.1 82.7  
63 29.9 30.4 45.6#





#7  
Phenol-d6  
Concen: 5.162 ng  
RT: 7.179 min Scan# 644  
Delta R.T. 0.008 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

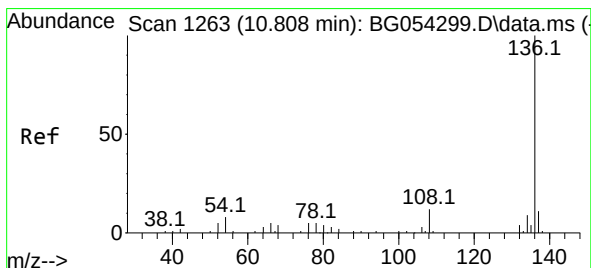
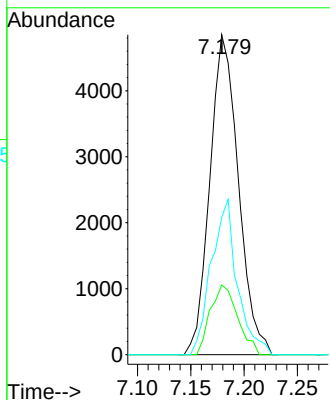
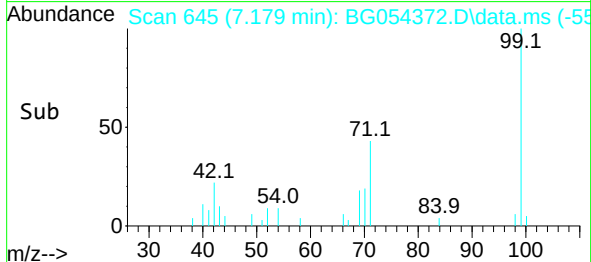
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)



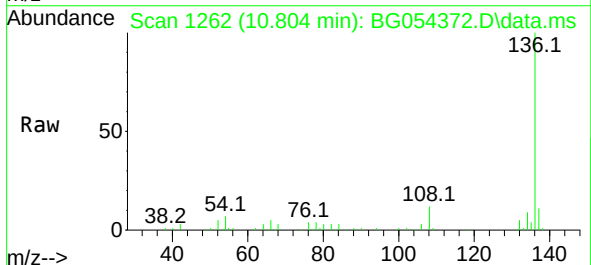
Tgt Ion: 99 Resp: 9018  
Ion Ratio Lower Upper  
99 100  
42 21.8 17.0 25.6  
71 42.9 33.8 50.8

Manual Integrations  
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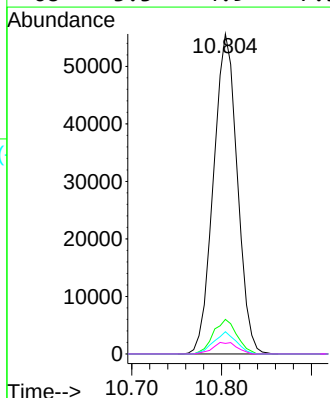
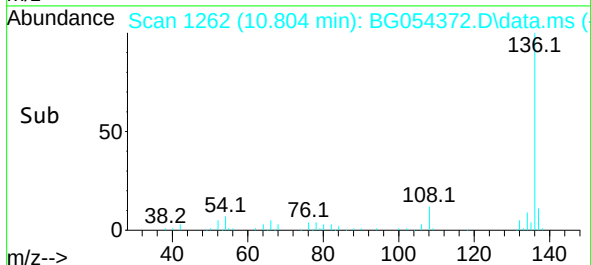
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022

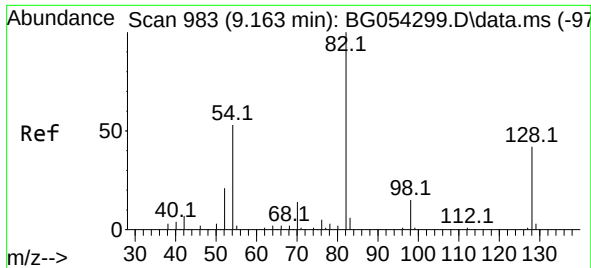


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1262  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34



Tgt Ion:136 Resp: 102380  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 6.9 7.4 11.2#  
68 3.3 4.9 7.3#





#23  
Nitrobenzene-d5  
Concen: 3.514 ng  
RT: 9.159 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

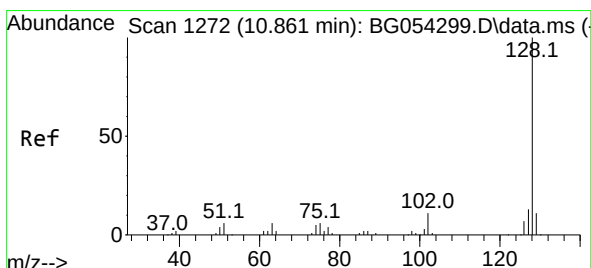
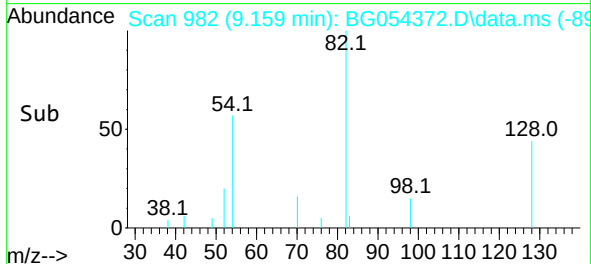
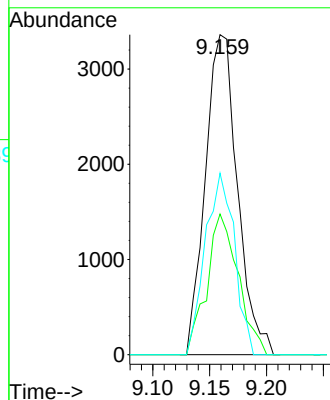
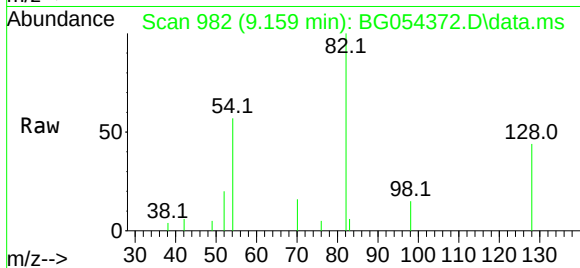
ClientSampleId :

ENV-DE-2(10-15)

Tgt Ion: 82 Resp: 660  
Ion Ratio Lower Upper  
82 100  
128 43.9 27.9 41.9  
54 56.7 41.2 61.8

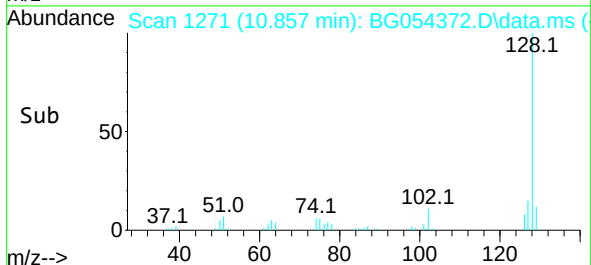
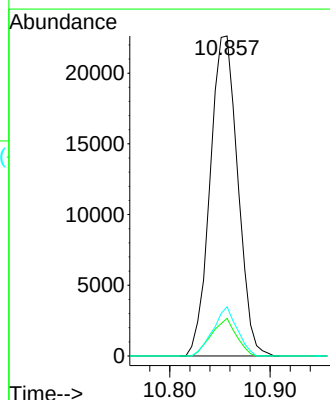
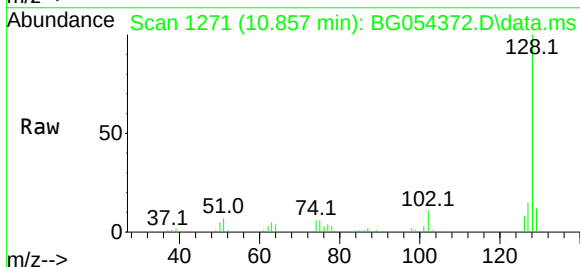
Manual Integrations  
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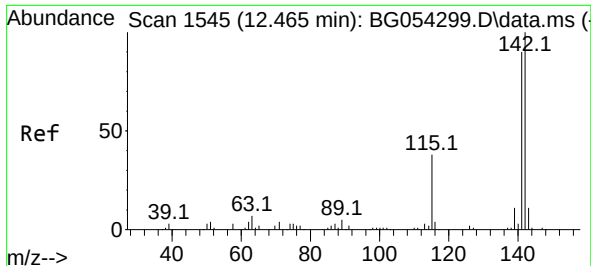
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#31  
Naphthalene  
Concen: 8.431 ng  
RT: 10.857 min Scan# 1271  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Tgt Ion:128 Resp: 43329  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.6  
127 15.4 11.1 16.7





#37  
2-Methylnaphthalene  
Concen: 7.277 ng  
RT: 12.461 min Scan# 1545  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

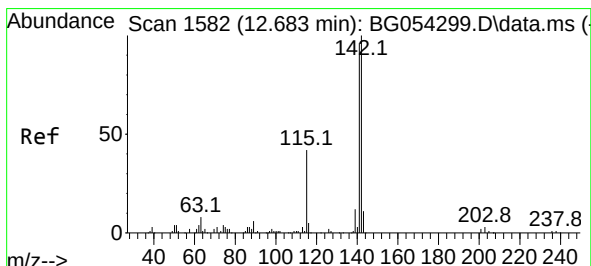
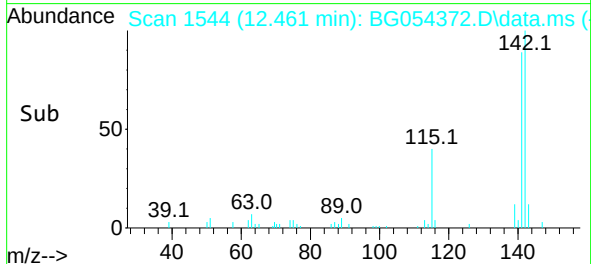
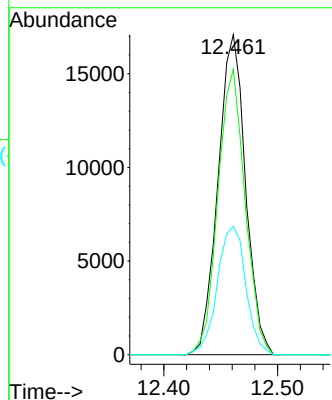
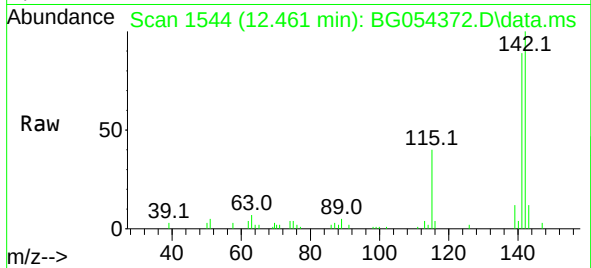
ENV-DE-2(10-15)

Tgt Ion:142 Resp: 28719  
Ion Ratio Lower Upper  
142 100  
141 89.3 72.3 108.5  
115 40.1 33.7 50.5

Manual Integrations

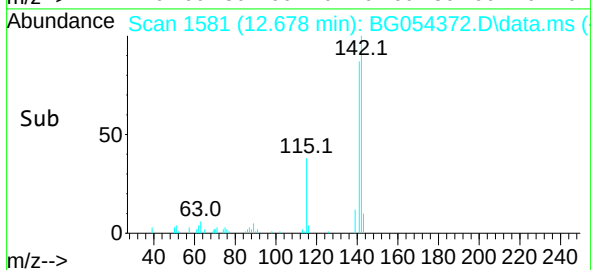
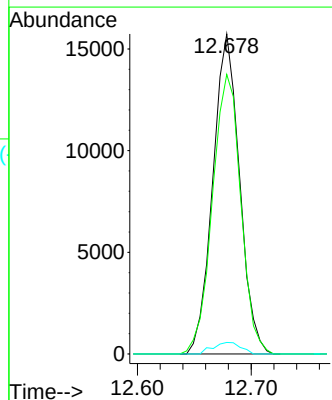
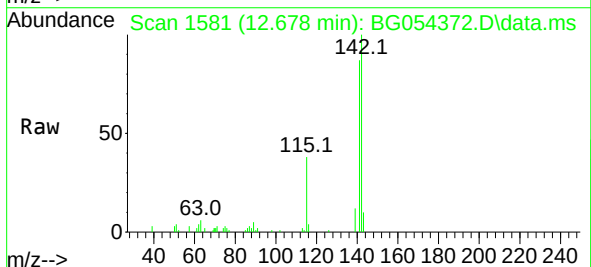
APPROVED

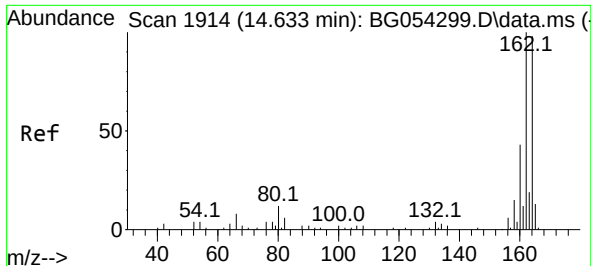
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#38  
1-Methylnaphthalene  
Concen: 6.675 ng  
RT: 12.678 min Scan# 1581  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Tgt Ion:142 Resp: 25669  
Ion Ratio Lower Upper  
142 100  
141 87.3 76.4 114.6  
116 3.6 3.3 4.9





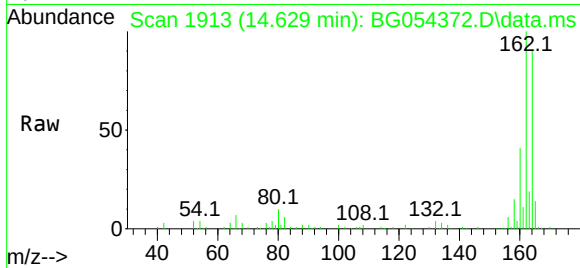
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.629 min Scan# 1913  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)

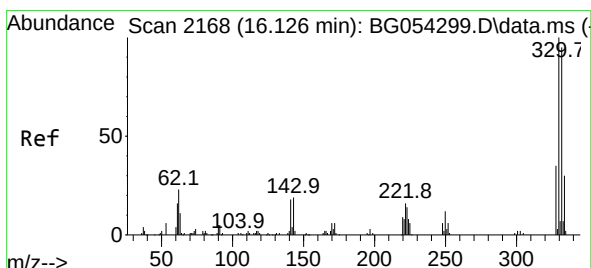
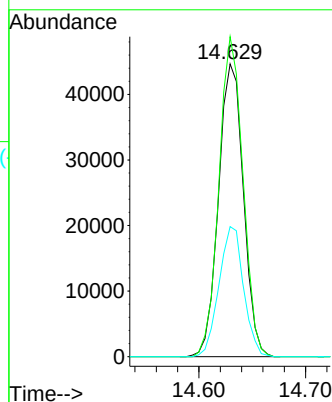
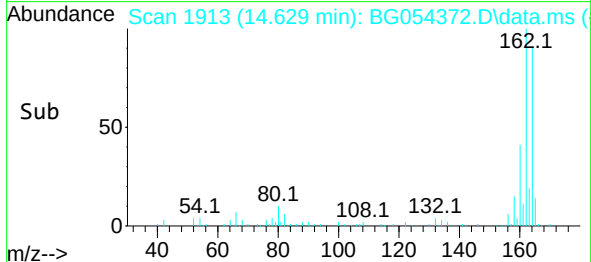


Tgt Ion:164 Resp: 72318  
Ion Ratio Lower Upper  
164 100  
162 109.3 82.3 123.5  
160 44.4 34.2 51.2

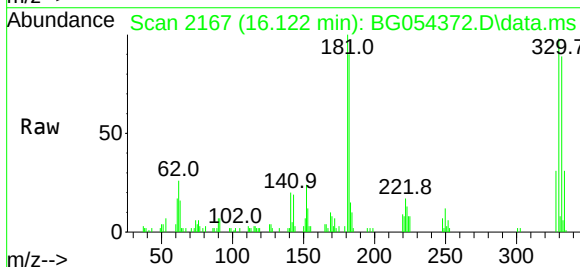
Manual Integrations

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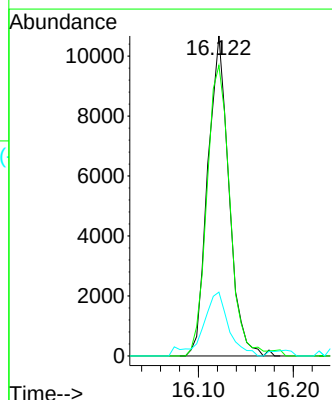
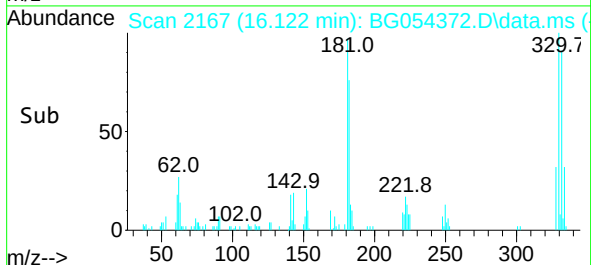
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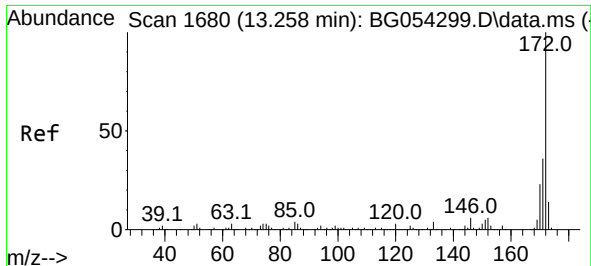


#42  
2,4,6-Tribromophenol  
Concen: 10.910 ng  
RT: 16.122 min Scan# 2167  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34



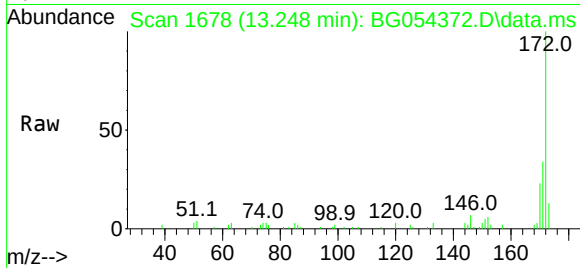
Tgt Ion:330 Resp: 16566  
Ion Ratio Lower Upper  
330 100  
332 99.2 76.0 114.0  
141 24.0 27.1 40.7#





#45  
2-Fluorobiphenyl  
Concen: 5.717 ng  
RT: 13.248 min Scan# 1678  
Delta R.T. -0.010 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

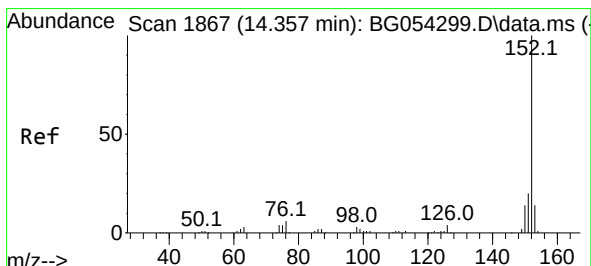
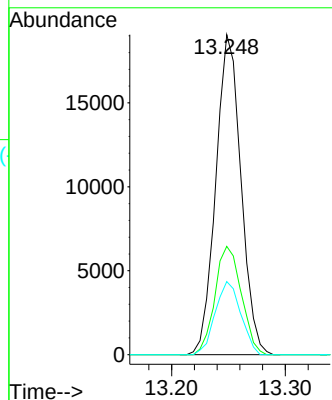
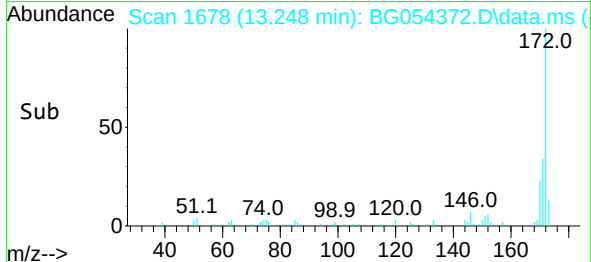
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)



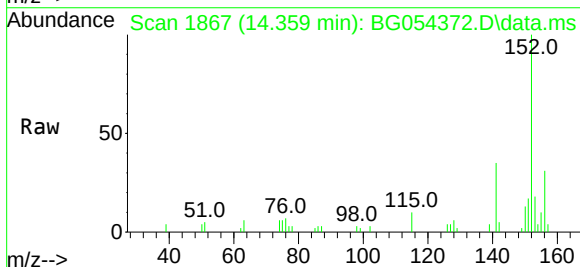
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Ion Ratio Lower Upper  
172 100  
171 33.8 28.5 42.7  
170 22.8 18.9 28.3

Manual Integrations  
APPROVED

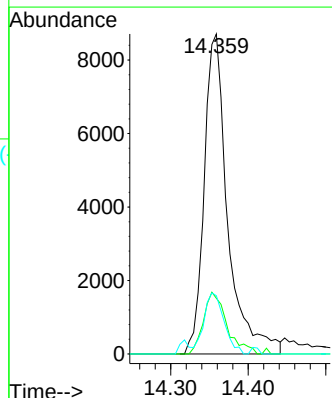
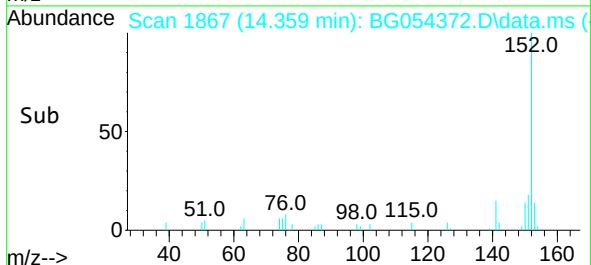
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



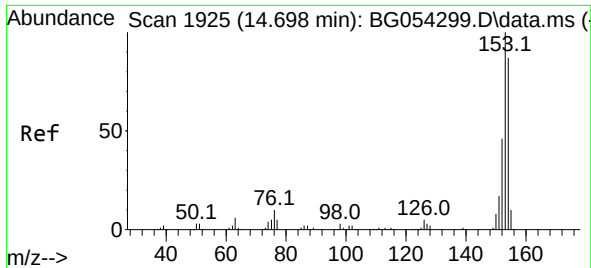
#49  
Acenaphthylene  
Concen: 2.990 ng  
RT: 14.359 min Scan# 1867  
Delta R.T. 0.002 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34



Tgt Ion:152 Resp: 18398  
Ion Ratio Lower Upper  
152 100  
151 17.4 16.4 24.6  
153 18.2 10.8 16.2







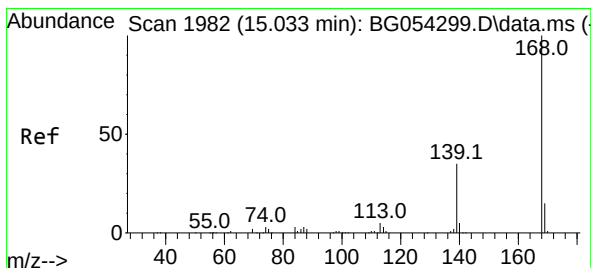
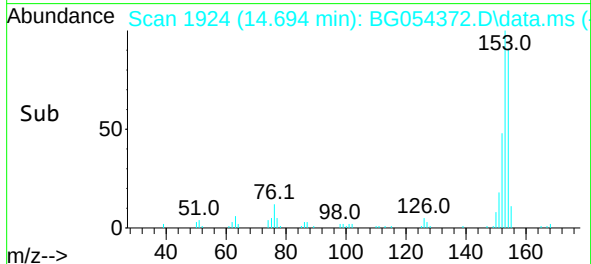
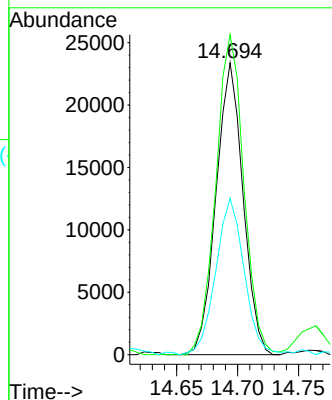
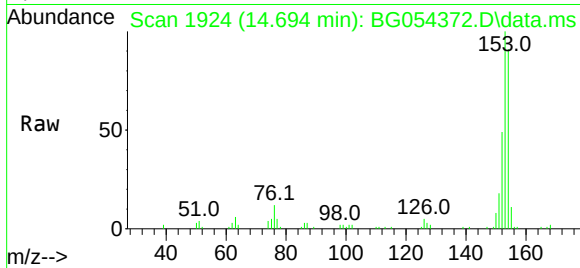
#52  
Acenaphthene  
Concen: 9.660 ng  
RT: 14.694 min Scan# 1924  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)

Tgt Ion:154 Resp: 3598  
Ion Ratio Lower Upper  
154 100  
153 109.6 92.7 139.1  
152 53.5 42.6 64.0

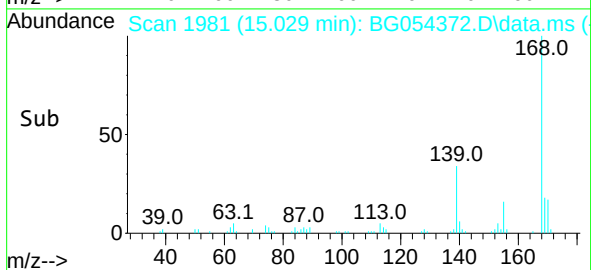
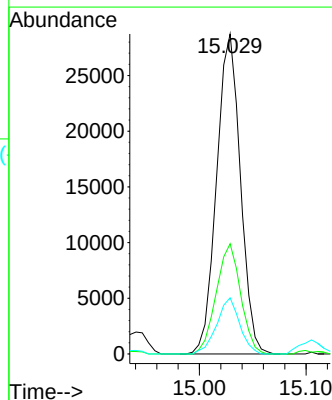
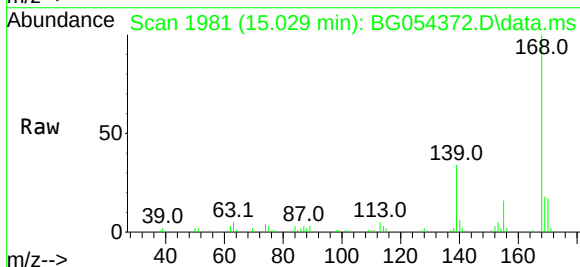
Manual Integrations  
APPROVED

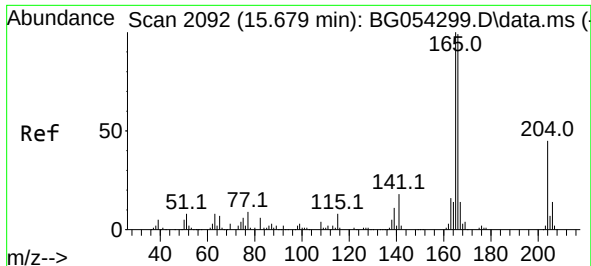
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#55  
Dibenzofuran  
Concen: 6.704 ng  
RT: 15.029 min Scan# 1981  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Tgt Ion:168 Resp: 44440  
Ion Ratio Lower Upper  
168 100  
139 34.5 30.5 45.7  
169 17.5 10.3 15.5#





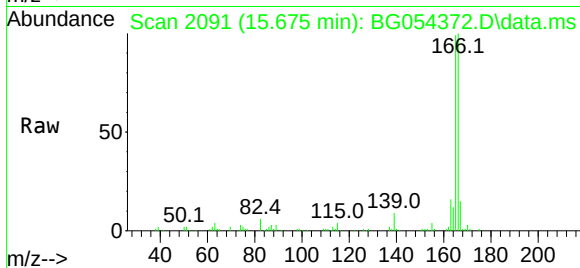
#58  
 Fluorene  
 Concen: 12.803 ng  
 RT: 15.675 min Scan# 2092  
 Delta R.T. -0.004 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)

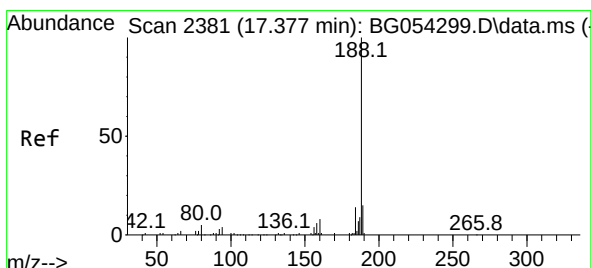
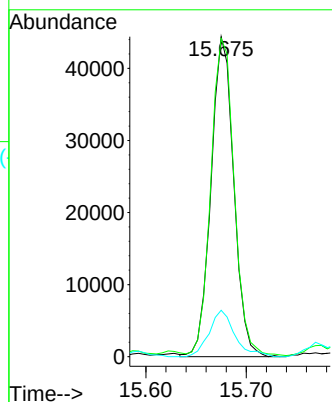
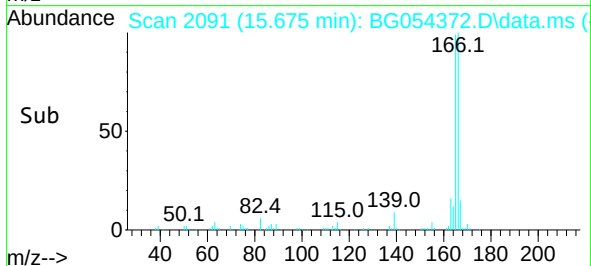


Tgt Ion:166 Resp: 69780  
 Ion Ratio Lower Upper  
 166 100  
 165 99.4 75.0 112.6  
 167 14.5 10.8 16.2

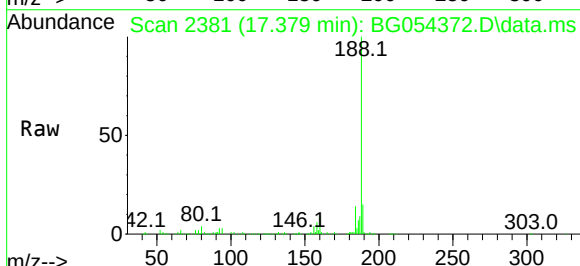
Manual Integrations

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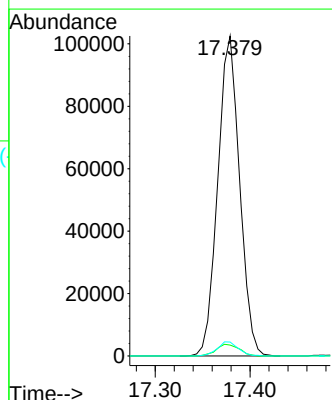
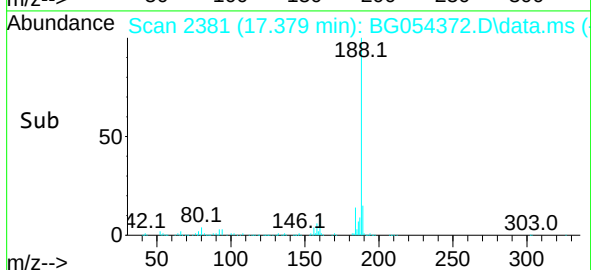
Reviewed By :Christian Giraldo 07/25/2022  
 Supervised By :Jagrut Upadhyay 07/25/2022

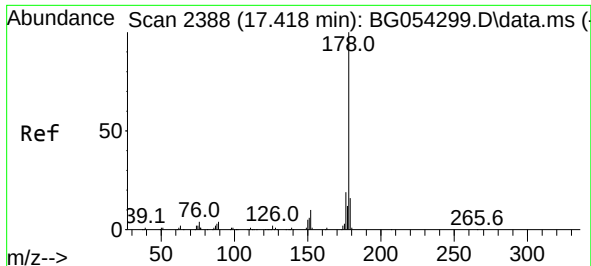


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.379 min Scan# 2381  
 Delta R.T. 0.002 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34



Tgt Ion:188 Resp: 164290  
 Ion Ratio Lower Upper  
 188 100  
 94 3.4 5.4 8.0#  
 80 4.4 6.8 10.2#





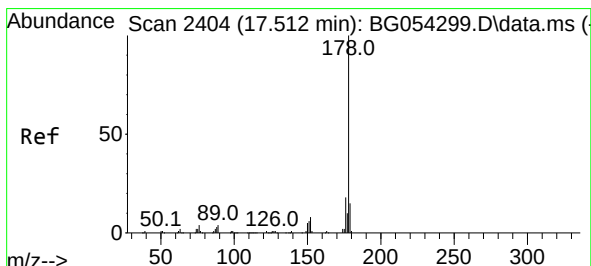
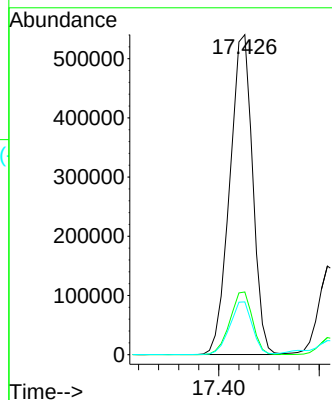
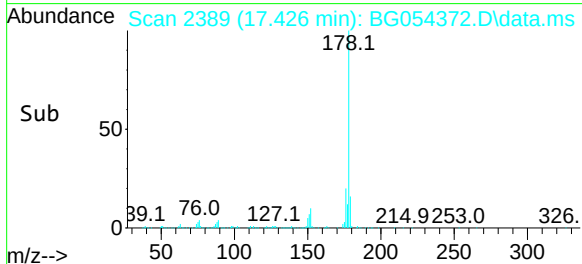
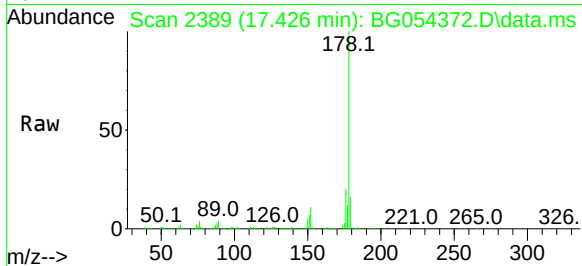
#71  
Phenanthrene  
Concen: 104.550 ng  
RT: 17.426 min Scan# 21  
Delta R.T. 0.008 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)

Tgt Ion:178 Resp: 85538  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.1 21.1  
179 16.5 12.1 18.1

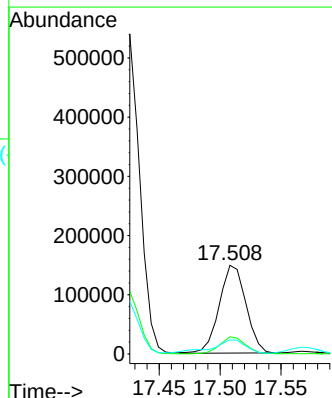
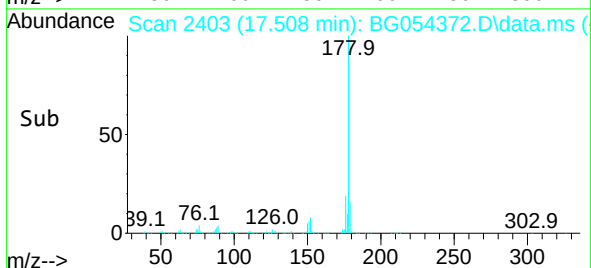
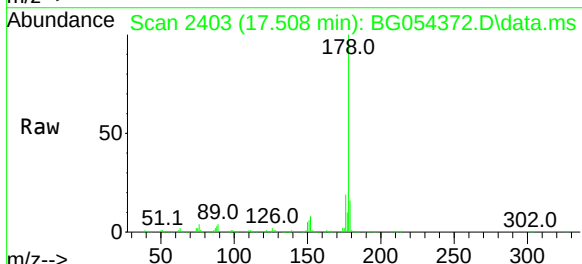
Manual Integrations  
APPROVED

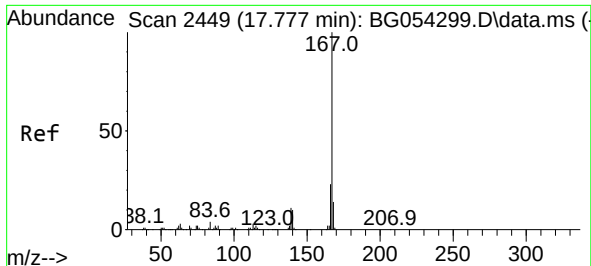
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#72  
Anthracene  
Concen: 28.177 ng  
RT: 17.508 min Scan# 2403  
Delta R.T. -0.004 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

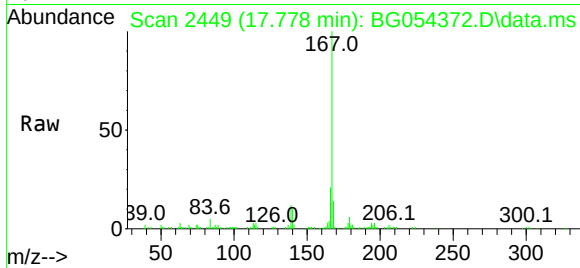
Tgt Ion:178 Resp: 226227  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.2 22.8  
179 16.0 13.0 19.4





#73  
 Carbazole  
 Concen: 9.975 ng  
 RT: 17.778 min Scan# 2449  
 Delta R.T. 0.002 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34

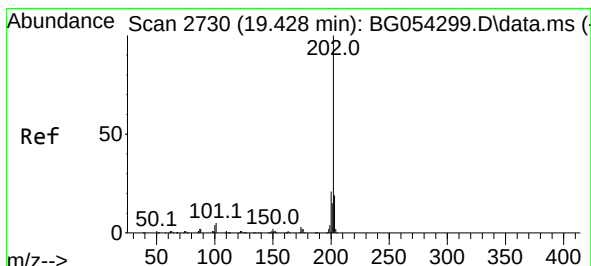
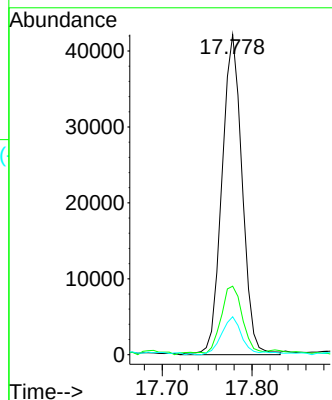
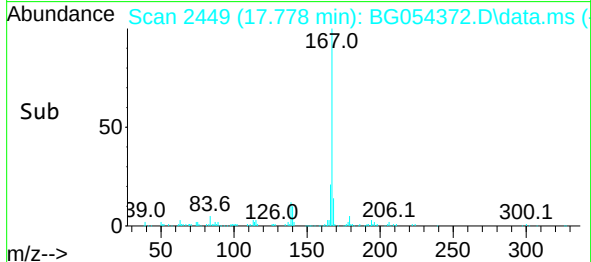
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-DE-2(10-15)



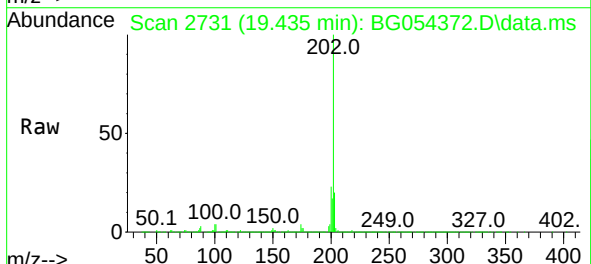
Tgt Ion:167 Resp: 6593  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 18.2 27.2  
 139 11.9 10.1 15.1

Manual Integrations  
 APPROVED

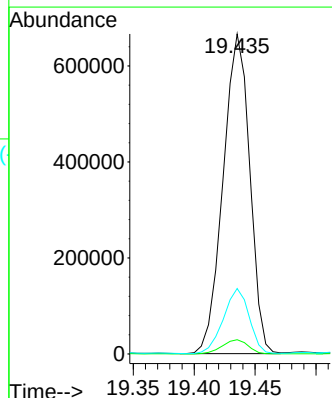
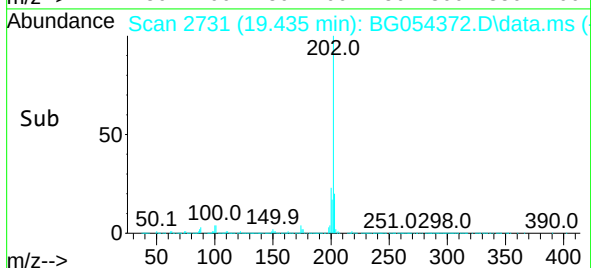
Reviewed By :Christian Giraldo 07/25/2022  
 Supervised By :Jagrut Upadhyay 07/25/2022

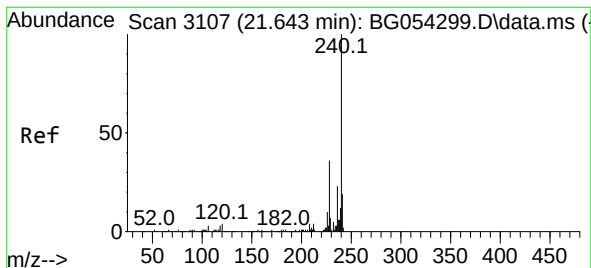


#75  
 Fluoranthene  
 Concen: 90.843 ng  
 RT: 19.435 min Scan# 2731  
 Delta R.T. 0.008 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34



Tgt Ion:202 Resp: 1013151  
 Ion Ratio Lower Upper  
 202 100  
 101 4.4 0.0 26.9  
 203 20.4 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.644 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BG054372.D

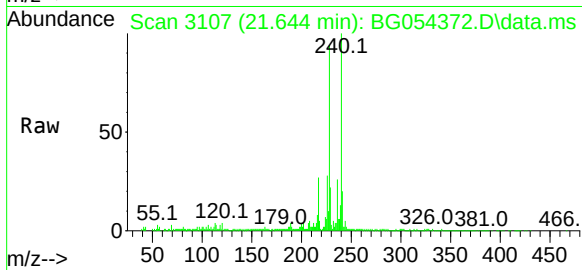
Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)



Tgt Ion:240 Resp: 185419

Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0

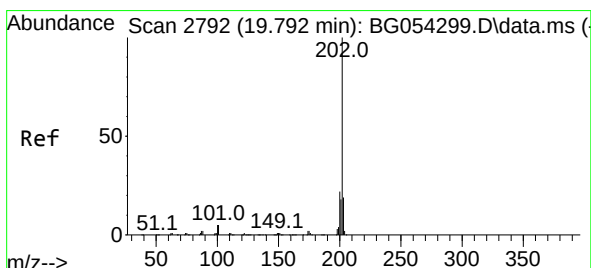
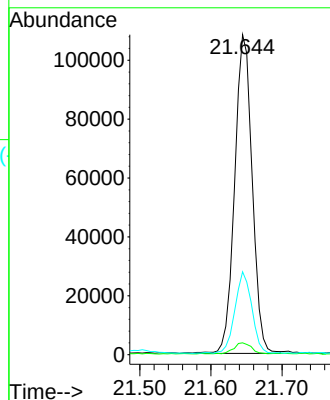
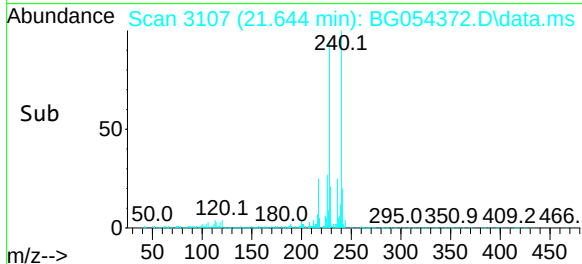
236 25.9 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#78

Pyrene

Concen: 89.952 ng

RT: 19.800 min Scan# 2793

Delta R.T. 0.008 min

Lab File: BG054372.D

Acq: 22 Jul 2022 23:34

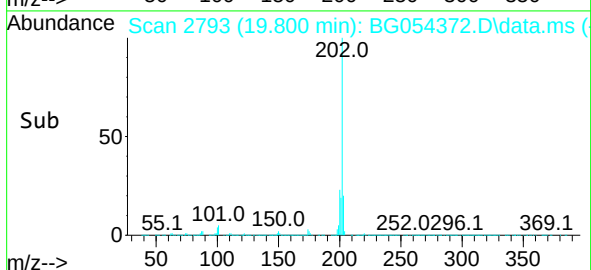
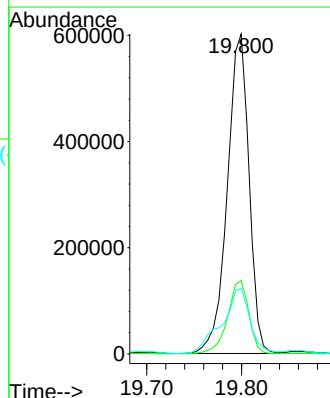
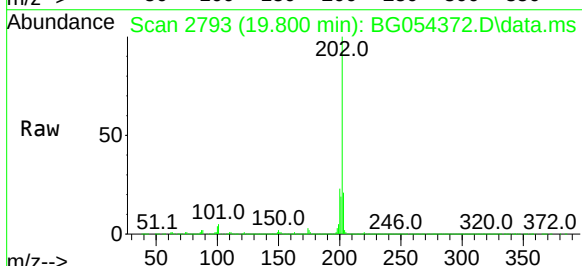
Tgt Ion:202 Resp: 957015

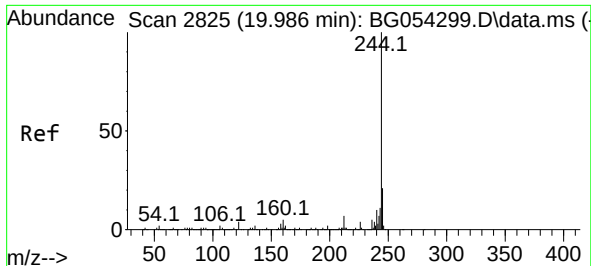
Ion Ratio Lower Upper

202 100

200 22.9 16.6 24.8

203 20.5 14.6 21.8





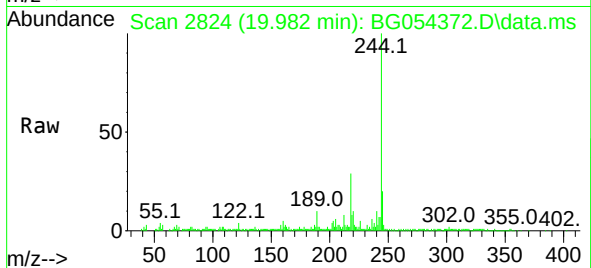
#79  
 Terphenyl-d14  
 Concen: 7.559 ng  
 RT: 19.982 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)

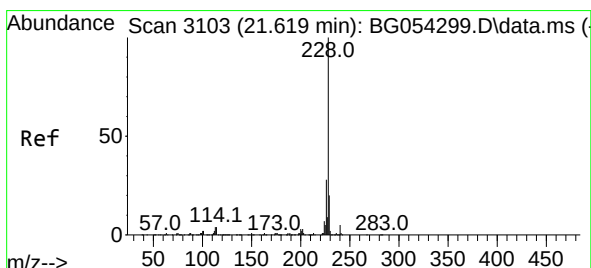
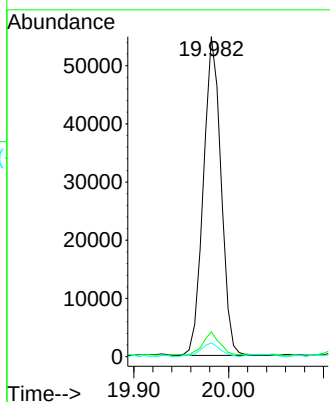
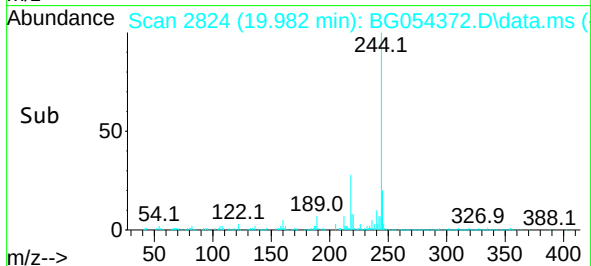


Tgt Ion:244 Resp: 7065  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 4.3 5.0 7.4

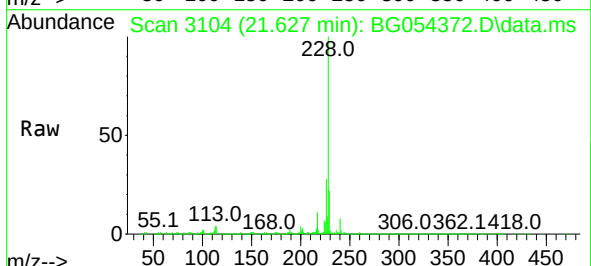
Manual Integrations

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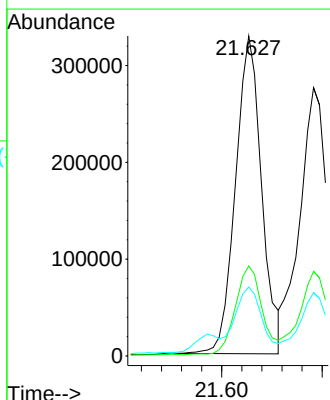
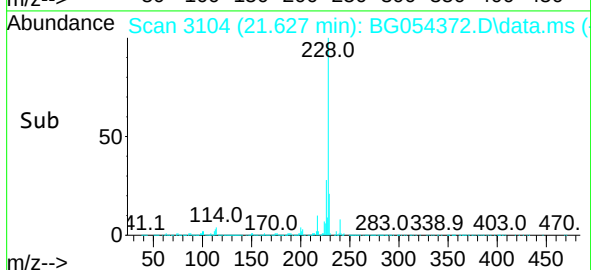
Reviewed By :Christian Giraldo 07/25/2022  
 Supervised By :Jagrut Upadhyay 07/25/2022

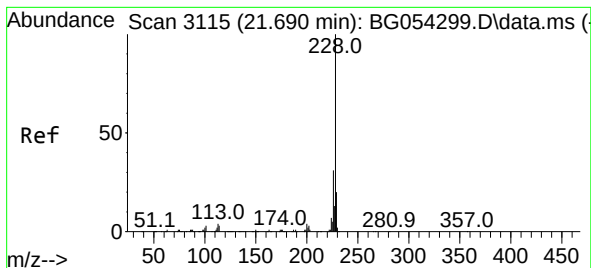


#81  
 Benzo(a)anthracene  
 Concen: 50.359 ng  
 RT: 21.627 min Scan# 3104  
 Delta R.T. 0.008 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34



Tgt Ion:228 Resp: 592736  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 21.6 32.4  
 229 21.5 16.2 24.2





#83

Chrysene

Concen: 46.773 ng m

RT: 21.691 min Scan# 3115

Delta R.T. 0.002 min

Lab File: BG054372.D

Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)

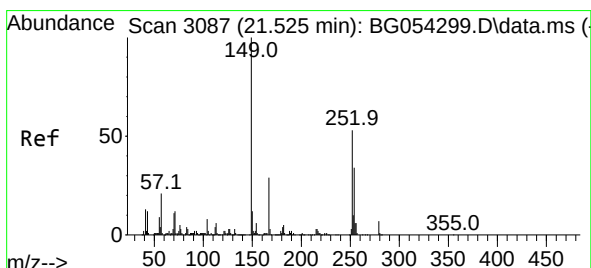
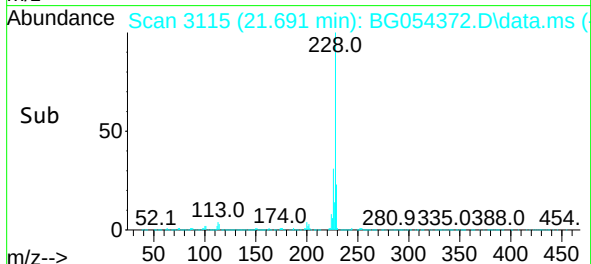
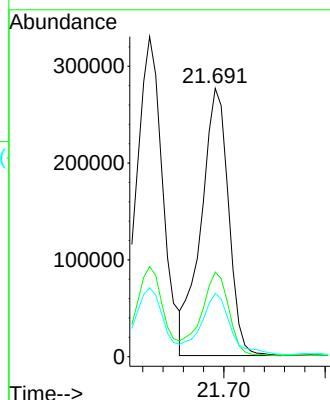
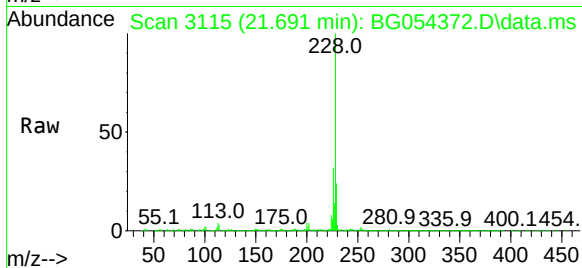
Tgt Ion:228 Resp: 52012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.6  | 23.4  | 35.2  |
| 229 | 23.6  | 15.5  | 23.3  |

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.756 ng

RT: 21.521 min Scan# 3086

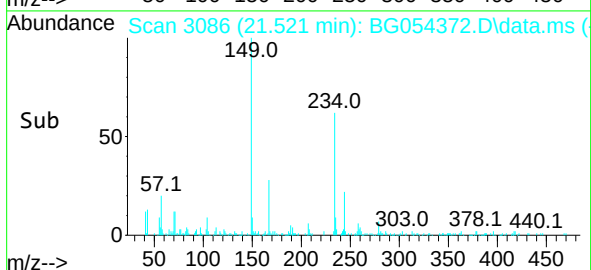
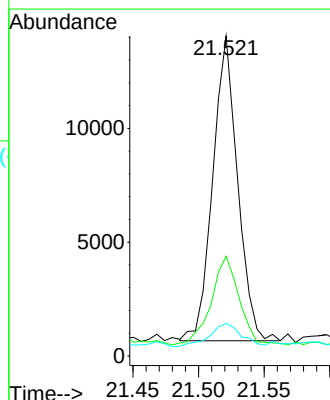
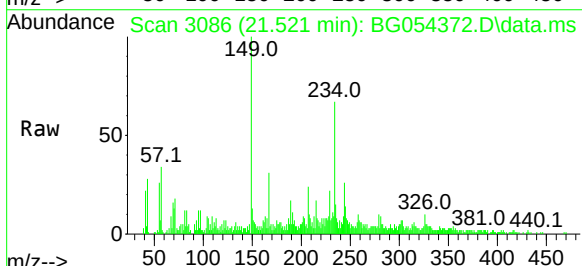
Delta R.T. -0.004 min

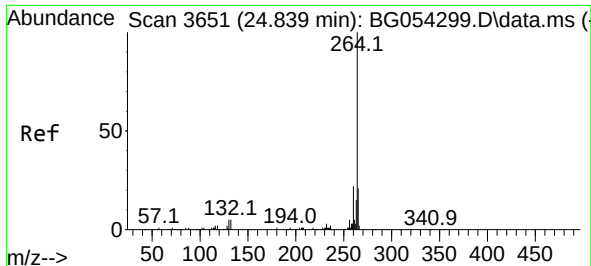
Lab File: BG054372.D

Acq: 22 Jul 2022 23:34

Tgt Ion:149 Resp: 17623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.1  | 20.2  | 30.4# |
| 279 | 10.2  | 3.6   | 5.4#  |





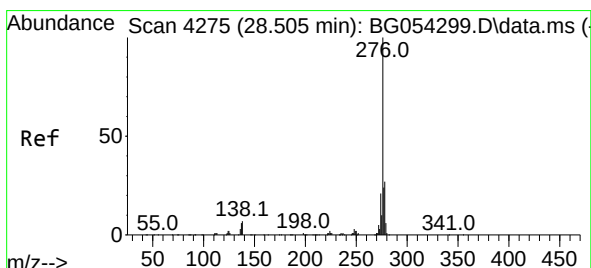
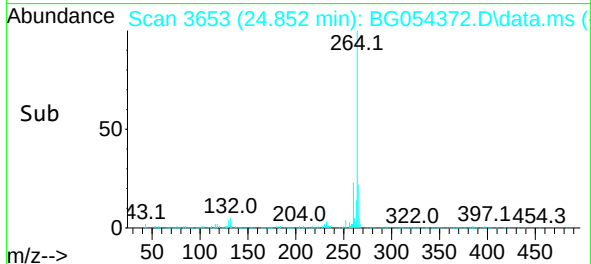
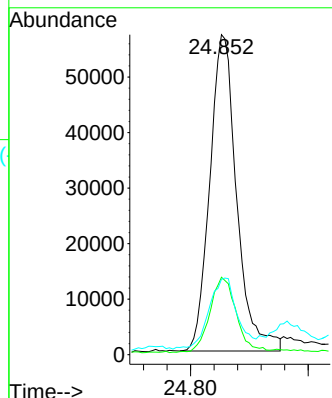
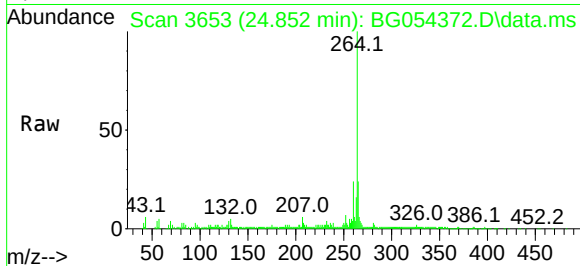
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.852 min Scan# 30  
Delta R.T. 0.014 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)

Tgt Ion:264 Resp: 18090  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.0 28.6  
265 23.5 17.4 26.2

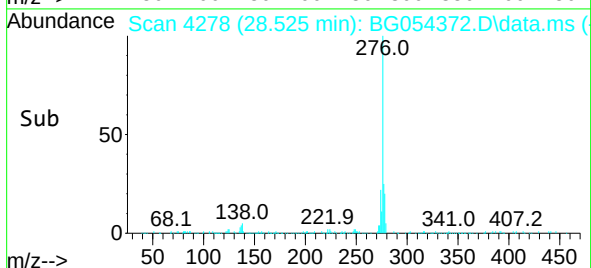
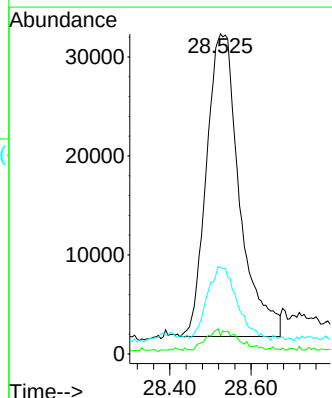
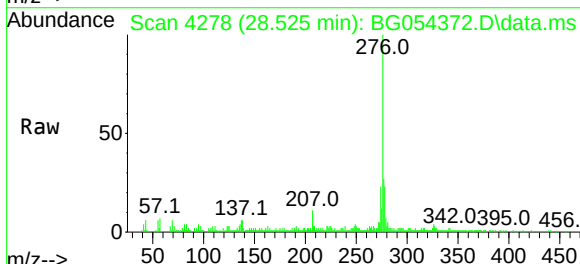
Manual Integrations  
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Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022

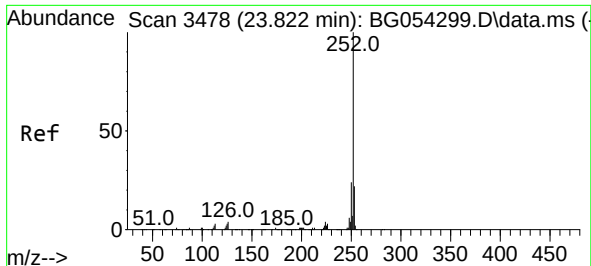


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 12.546 ng  
RT: 28.525 min Scan# 4278  
Delta R.T. 0.019 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Tgt Ion:276 Resp: 172654  
Ion Ratio Lower Upper  
276 100  
138 2.9 5.0 7.4#  
277 22.1 20.3 30.5

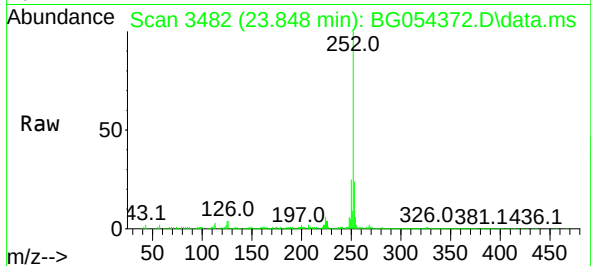






#88  
Benzo(b)fluoranthene  
Concen: 53.469 ng  
RT: 23.848 min Scan# 3478  
Delta R.T. 0.025 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

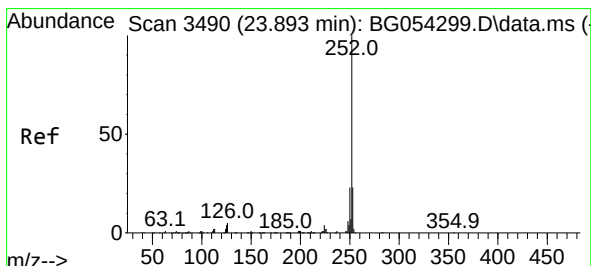
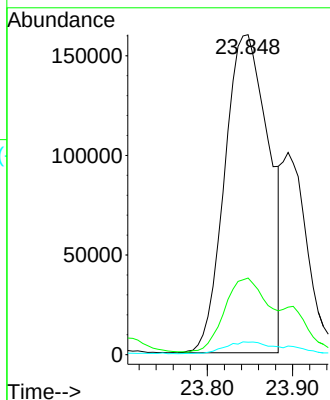
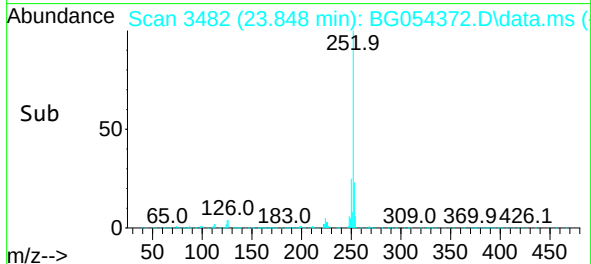
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-DE-2(10-15)



Tgt Ion:252 Resp: 57203  
Ion Ratio Lower Upper  
252 100  
253 23.9 18.0 27.0  
125 3.9 4.6 6.8

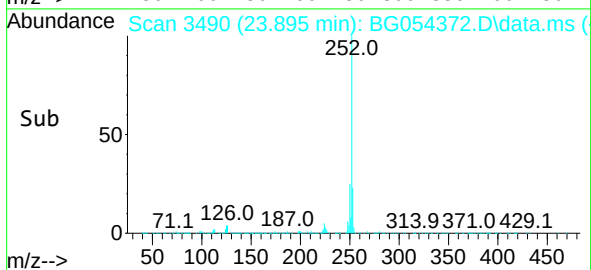
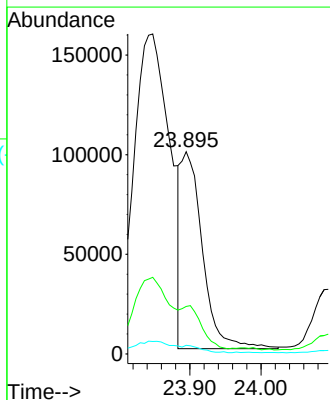
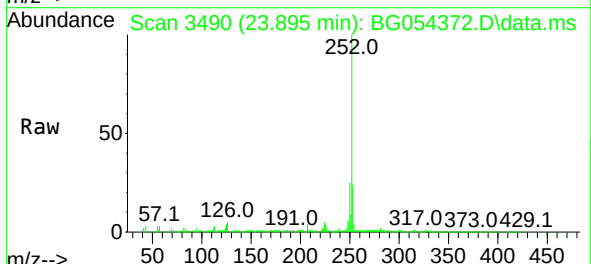
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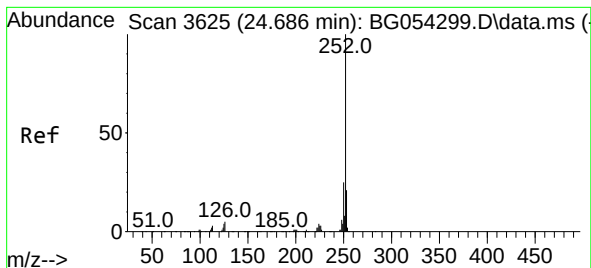
Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#89  
Benzo(k)fluoranthene  
Concen: 19.671 ng m  
RT: 23.895 min Scan# 3490  
Delta R.T. 0.002 min  
Lab File: BG054372.D  
Acq: 22 Jul 2022 23:34

Tgt Ion:252 Resp: 209440  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.4 27.6  
125 4.3 4.8 7.2





#90

Benzo(a)pyrene

Concen: 48.136 ng m

RT: 24.706 min Scan# 3

Delta R.T. 0.019 min

Lab File: BG054372.D

Acq: 22 Jul 2022 23:34

Instrument :

BNA\_G

ClientSampleId :

ENV-DE-2(10-15)

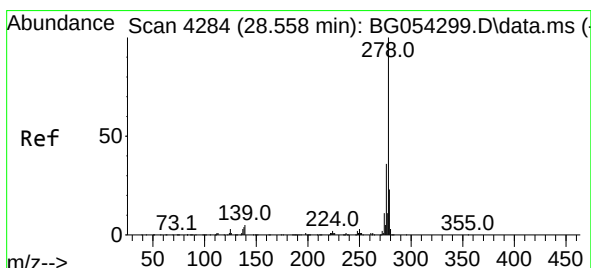
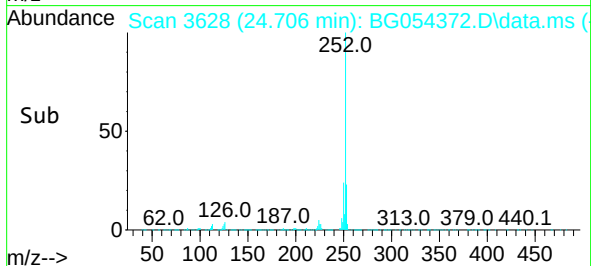
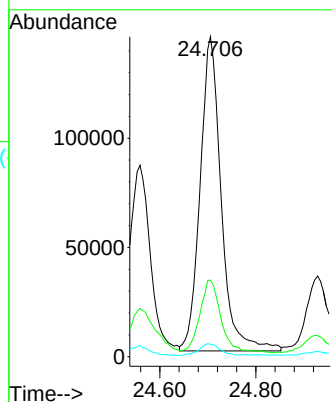
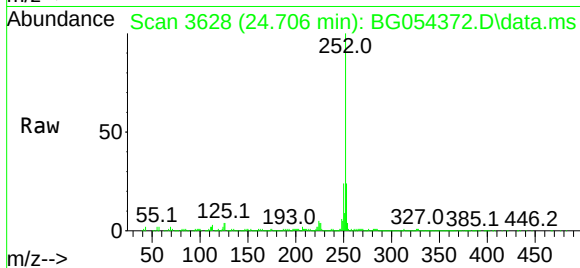
Tgt Ion:252 Resp: 43979

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.9  | 17.8  | 26.8  |
| 125 | 3.9   | 4.3   | 6.5   |

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022  
Supervised By :Jagrut Upadhyay 07/25/2022



#91

Dibenzo(a,h)anthracene

Concen: 4.002 ng

RT: 28.566 min Scan# 4285

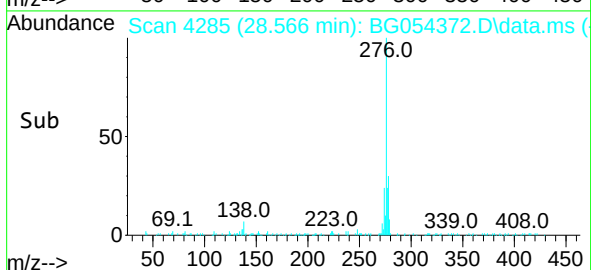
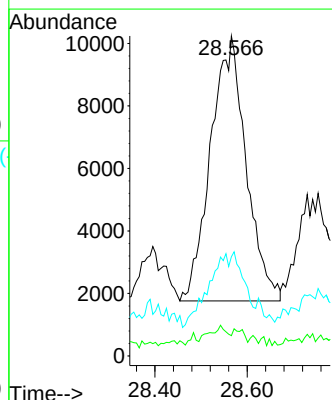
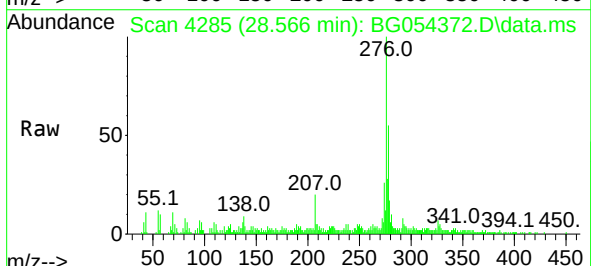
Delta R.T. 0.008 min

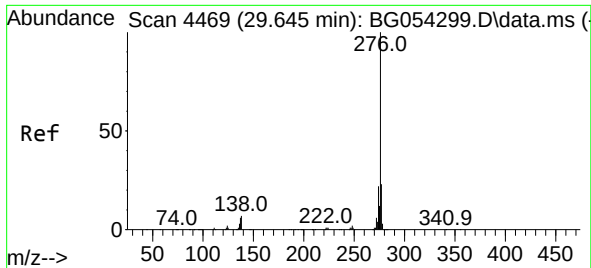
Lab File: BG054372.D

Acq: 22 Jul 2022 23:34

Tgt Ion:278 Resp: 45287

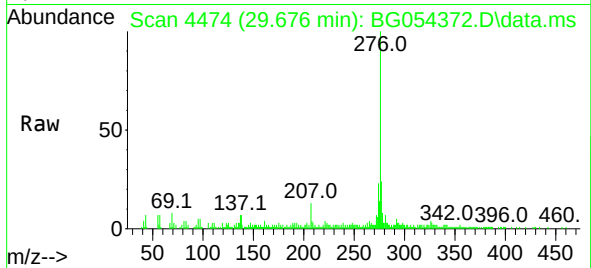
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 6.4   | 7.2   | 10.8# |
| 279 | 31.0  | 18.6  | 27.8# |





#92  
 Benzo(g,h,i)perylene  
 Concen: 12.761 ng  
 RT: 29.676 min Scan# 44  
 Delta R.T. 0.031 min  
 Lab File: BG054372.D  
 Acq: 22 Jul 2022 23:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-DE-2(10-15)



Tgt Ion:276 Resp: 142524  
 Ion Ratio Lower Upper  
 276 100  
 277 24.2 17.3 25.9  
 138 8.5 9.6 14.4

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 07/25/2022  
 Supervised By :Jagrut Upadhyay 07/25/2022

