

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111822\  
 Data File : BG055706.D  
 Acq On : 19 Nov 2022 1:46  
 Operator : CG/JU  
 Sample : N5697-01 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-111722

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 11/21/2022  
 Supervised By : Jagrut Upadhyay 11/21/2022

Quant Time: Nov 19 02:28:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.253  | 152  | 57786    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.085 | 136  | 232188   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.881 | 164  | 147481   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.625 | 188  | 298415   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.931 | 240  | 273963   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 25.363 | 264  | 224932   | 20.000  | ng    | # 0.04   |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.785  | 112  | 130314   | 40.762  | ng    | 0.00     |
| 7) Phenol-d6                | 7.401  | 99   | 171212   | 40.231  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.422  | 82   | 110063   | 25.055  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.361 | 330  | 77357    | 37.250  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.500 | 172  | 264579   | 26.876  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.210 | 244  | 370444   | 27.045  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 11.138 | 128  | 275224   | 21.927  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.724 | 142  | 399431   | 42.502  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 12.942 | 142  | 296875   | 32.540  | ng    | 98       |
| 46) 1,1'-Biphenyl           | 13.711 | 154  | 81139    | 7.550   | ng    | 99       |
| 52) Acenaphthene            | 14.945 | 154  | 258970   | 28.806  | ng    | 99       |
| 55) Dibenzofuran            | 15.274 | 168  | 201496   | 14.528  | ng    | # 89     |
| 58) Fluorene                | 15.921 | 166  | 527385   | 47.610  | ng    | 97       |
| 66) n-Nitrosodiphenylamine  | 16.120 | 169  | 41171    | 5.006   | ng    | 97       |
| 71) Phenanthrene            | 17.677 | 178  | 3140145m | 194.995 | ng    |          |
| 72) Anthracene              | 17.766 | 178  | 1238534  | 79.156  | ng    | 98       |
| 73) Carbazole               | 18.024 | 167  | 63695    | 4.528   | ng    | # 85     |
| 75) Fluoranthene            | 19.675 | 202  | 2444350  | 124.767 | ng    | 93       |
| 78) Pyrene                  | 20.039 | 202  | 3007308m | 162.171 | ng    |          |
| 81) Benzo(a)anthracene      | 21.914 | 228  | 1536669m | 81.437  | ng    |          |
| 83) Chrysene                | 21.984 | 228  | 1428528  | 79.524  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene  | 29.317 | 276  | 201024   | 10.909  | ng    | # 89     |
| 88) Benzo(b)fluoranthene    | 24.276 | 252  | 844359   | 57.640  | ng    | 96       |
| 89) Benzo(k)fluoranthene    | 24.334 | 252  | 489810m  | 33.544  | ng    |          |
| 90) Benzo(a)pyrene          | 25.210 | 252  | 902962   | 71.832  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene  | 29.346 | 278  | 57392m   | 3.811   | ng    |          |
| 92) Benzo(g,h,i)perylene    | 30.551 | 276  | 196641m  | 12.957  | ng    |          |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111822\  
Data File : BG055706.D  
Acq On : 19 Nov 2022 1:46  
Operator : CG/JU  
Sample : N5697-01 2X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

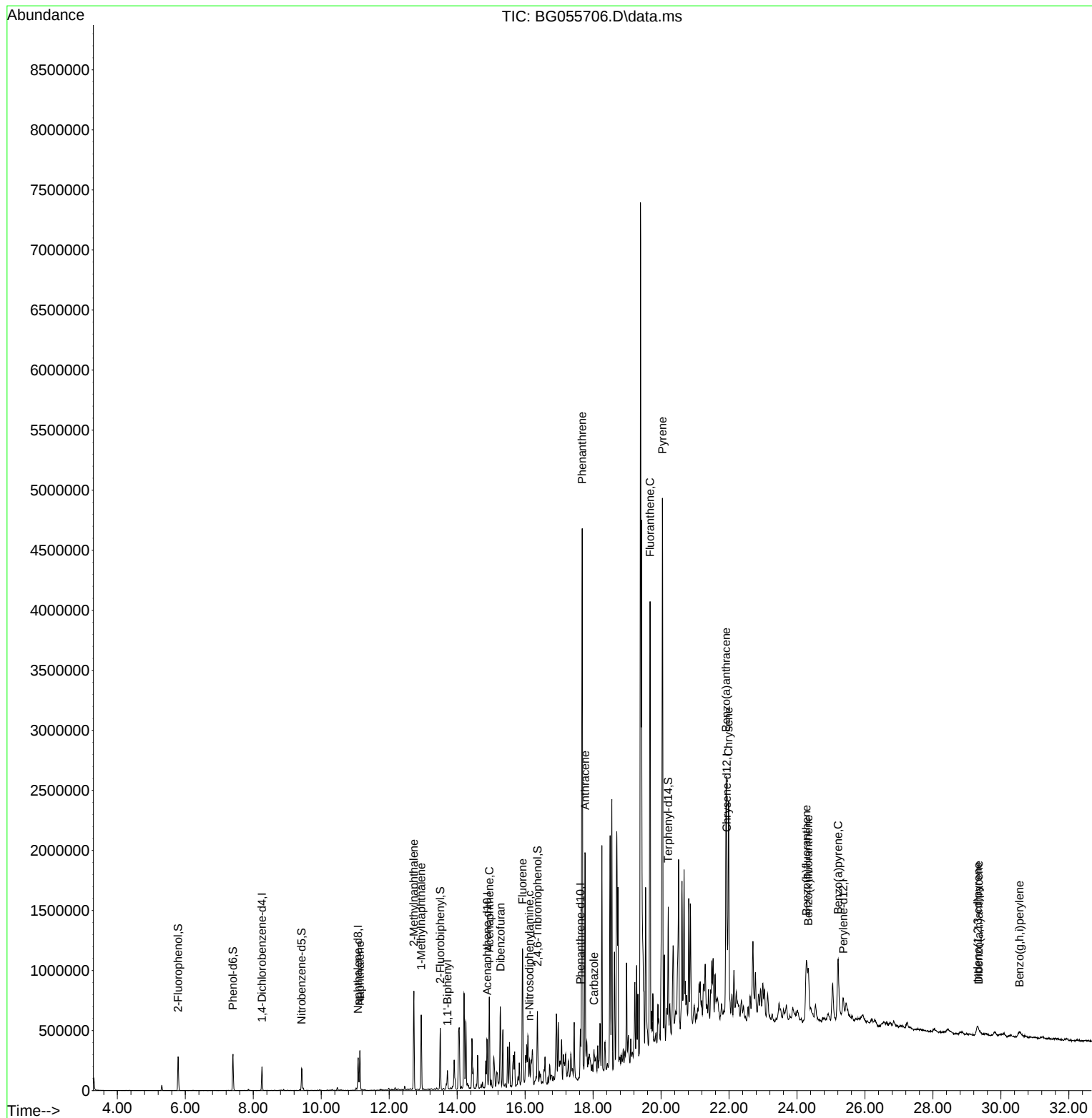
SU-03-111722

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 11/21/2022  
Supervised By : Jagrut Upadhyay 11/21/2022

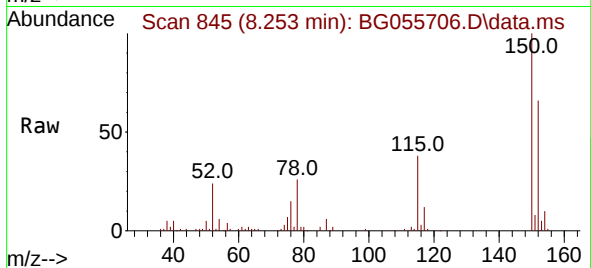
Quant Time: Nov 19 02:28:30 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 02:02:46 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.253 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

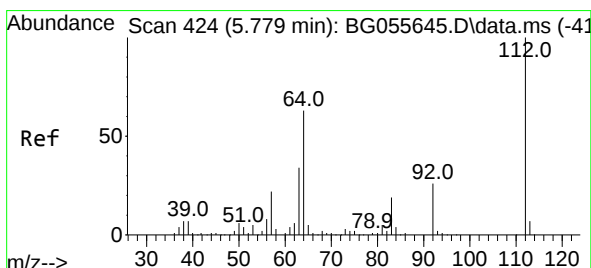
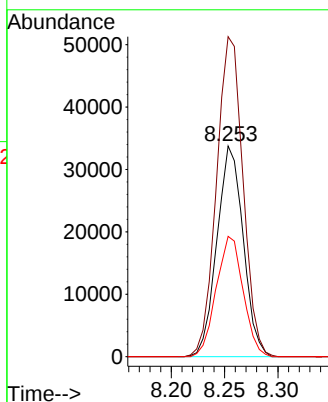
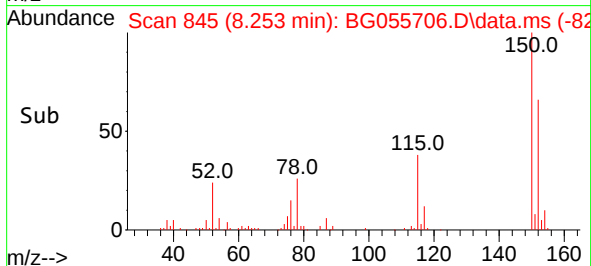
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



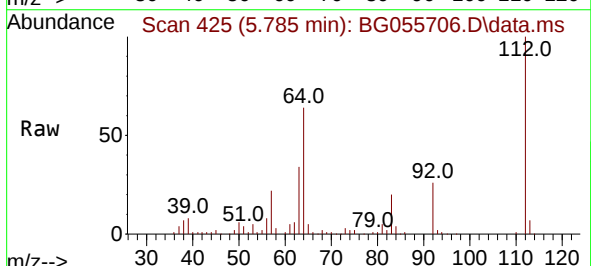
Tgt Ion:152 Resp: 57780  
Ion Ratio Lower Upper  
152 100  
150 151.9 123.0 184.6  
115 57.1 47.0 70.4

Manual Integrations  
APPROVED

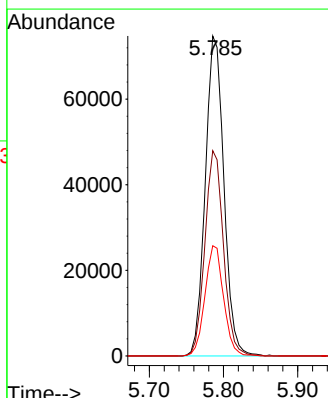
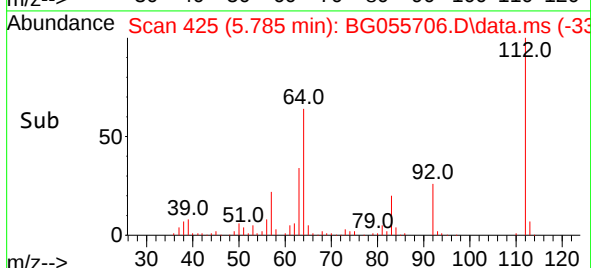
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

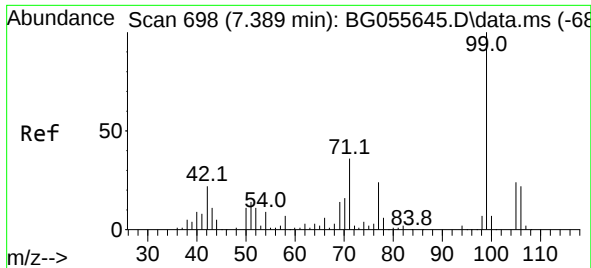


#5  
2-Fluorophenol  
Concen: 40.762 ng  
RT: 5.785 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



Tgt Ion:112 Resp: 130314  
Ion Ratio Lower Upper  
112 100  
64 64.1 50.6 76.0  
63 34.5 27.5 41.3





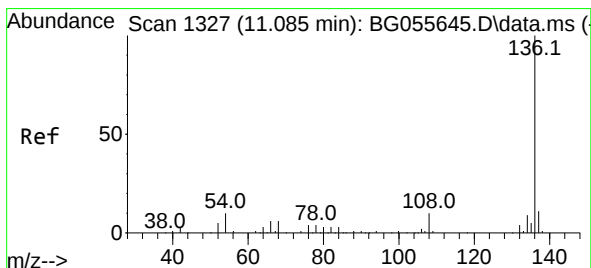
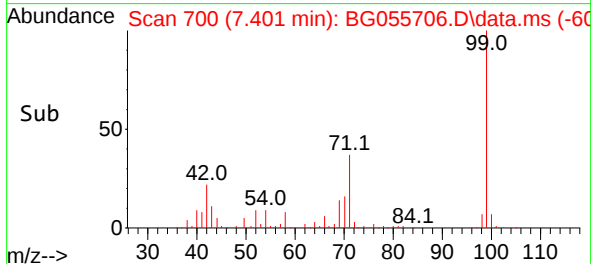
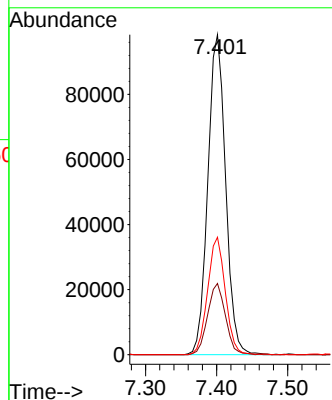
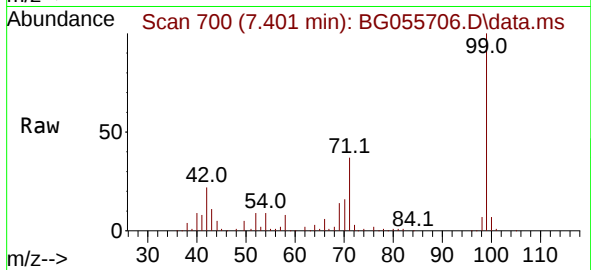
#7  
Phenol-d6  
Concen: 40.231 ng  
RT: 7.401 min Scan# 70  
Delta R.T. 0.012 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722

Tgt Ion: 99 Resp: 17121  
Ion Ratio Lower Upper  
99 100  
42 22.3 18.0 27.0  
71 36.7 29.0 43.6

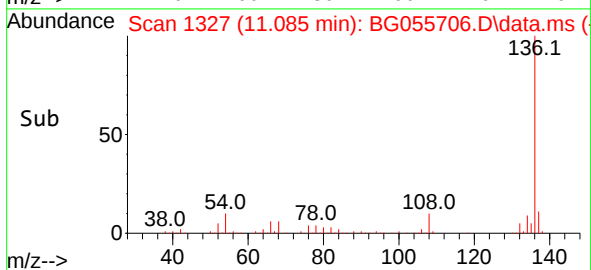
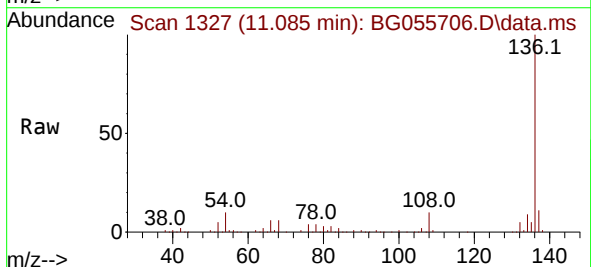
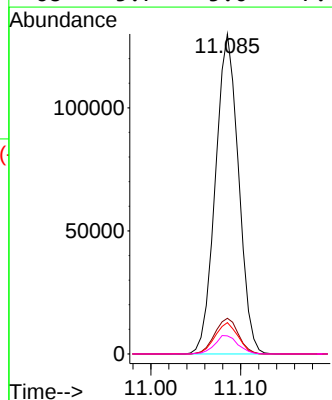
Manual Integrations  
APPROVED

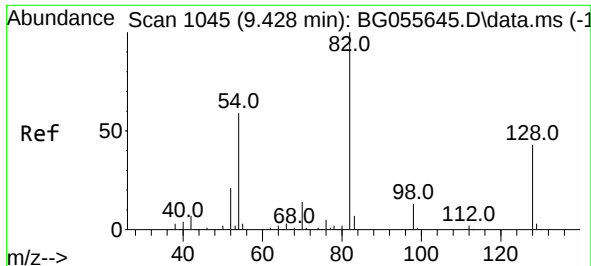
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.085 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Tgt Ion:136 Resp: 232188  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 9.8 7.8 11.6  
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 25.055 ng

RT: 9.422 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055706.D

Acq: 19 Nov 2022 1:46

Instrument :

BNA\_G

ClientSampleId :

SU-03-111722

Tgt Ion: 82 Resp: 11006

Ion Ratio Lower Upper

82 100

128 41.9 34.1 51.1

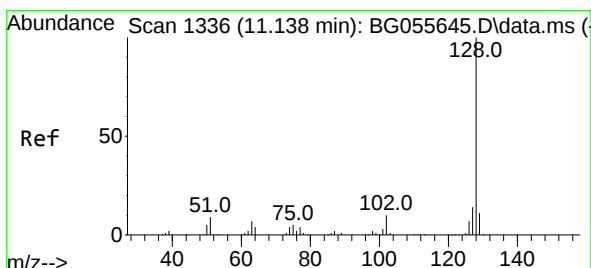
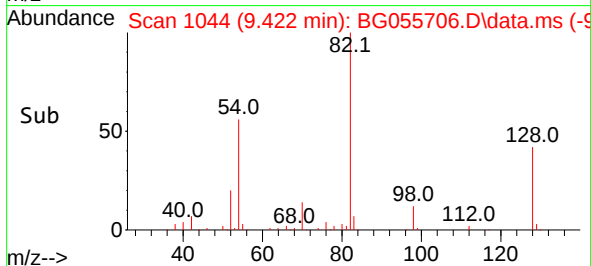
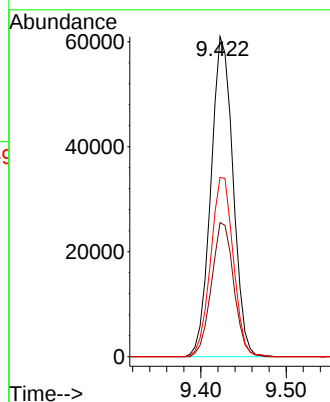
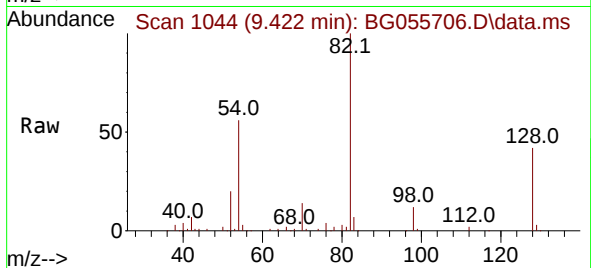
54 56.0 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#31

Naphthalene

Concen: 21.927 ng

RT: 11.138 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BG055706.D

Acq: 19 Nov 2022 1:46

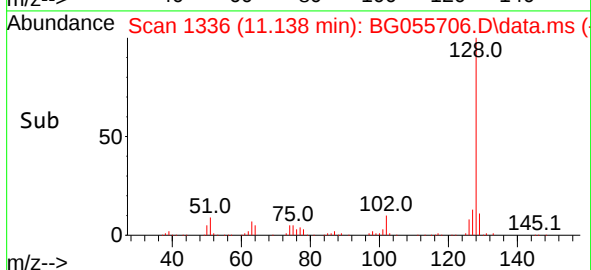
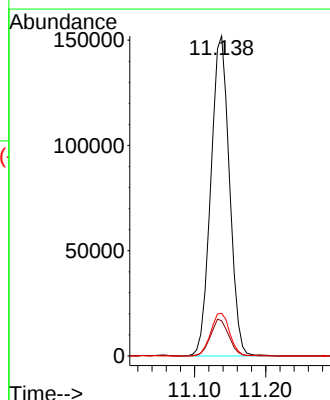
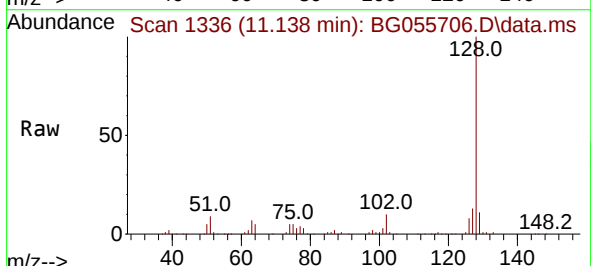
Tgt Ion:128 Resp: 275224

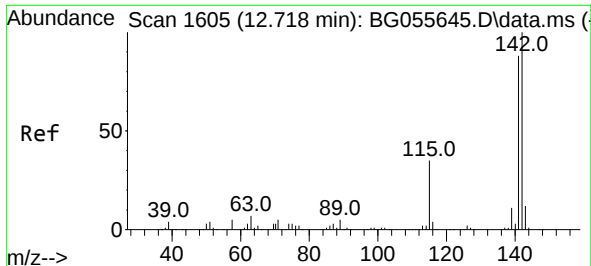
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

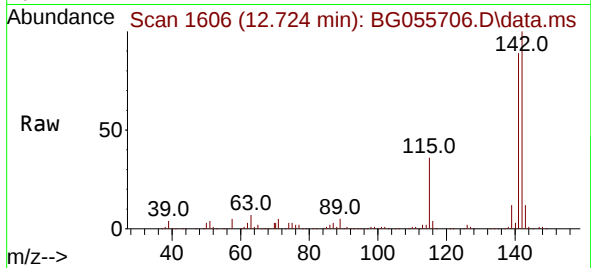
127 13.3 10.9 16.3





#37  
2-Methylnaphthalene  
Concen: 42.502 ng  
RT: 12.724 min Scan# 1606  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

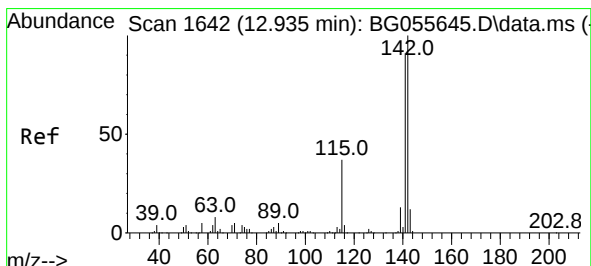
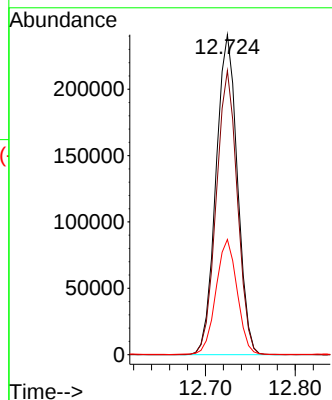
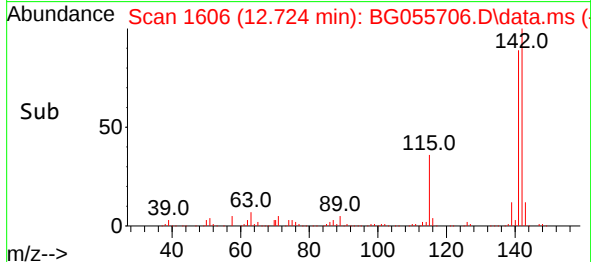
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



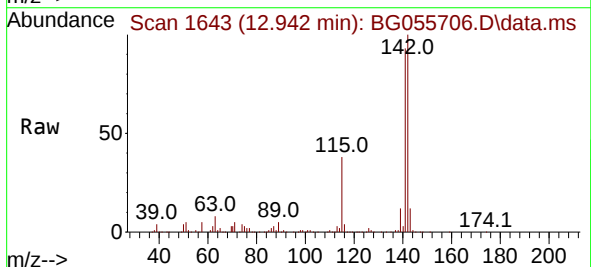
Tgt Ion:142 Resp: 39943  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.3 105.5  
115 36.0 27.9 41.9

Manual Integrations  
APPROVED

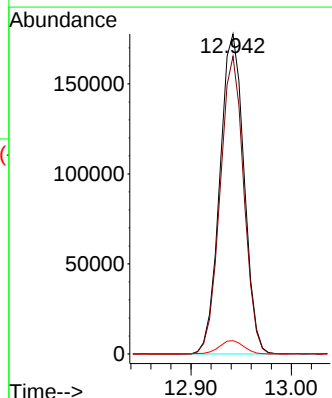
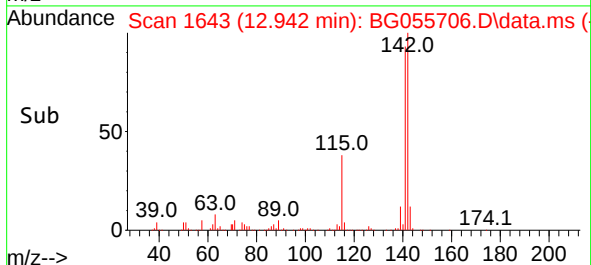
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

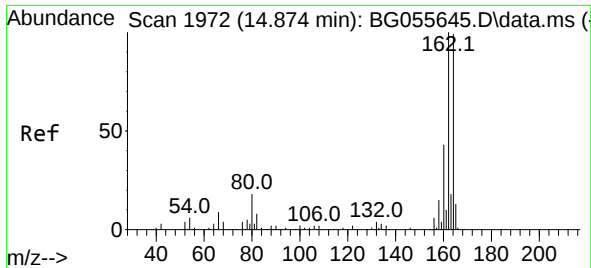


#38  
1-Methylnaphthalene  
Concen: 32.540 ng  
RT: 12.942 min Scan# 1643  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



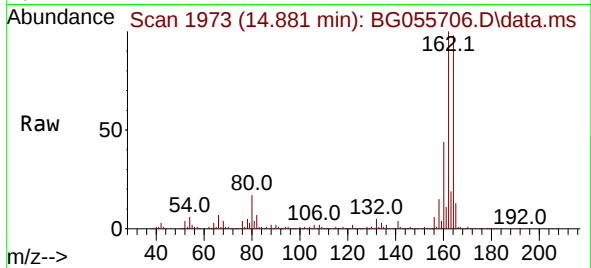
Tgt Ion:142 Resp: 296875  
Ion Ratio Lower Upper  
142 100  
141 93.0 73.0 109.4  
116 4.2 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.881 min Scan# 1973  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

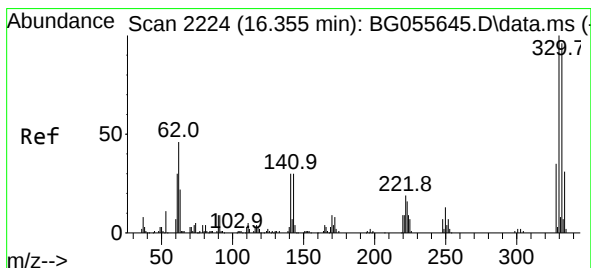
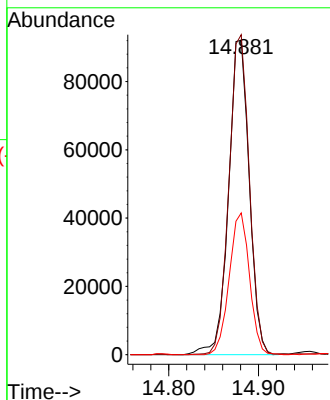
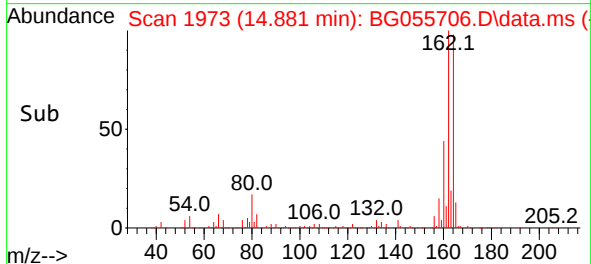
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



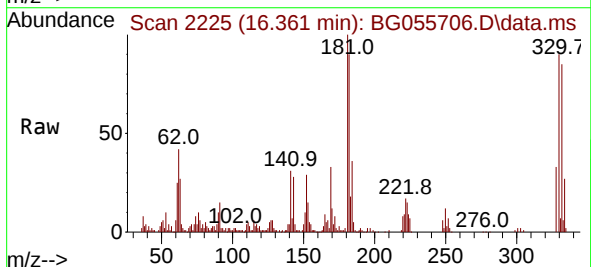
Tgt Ion:164 Resp: 14748  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.1 121.7  
160 45.1 34.8 52.2

Manual Integrations  
APPROVED

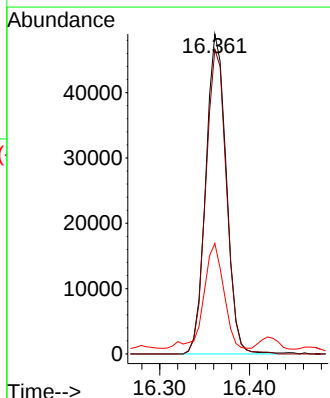
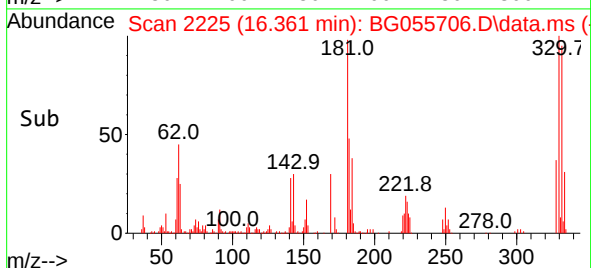
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

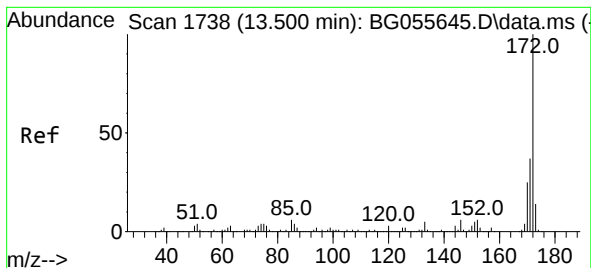


#42  
2,4,6-Tribromophenol  
Concen: 37.250 ng  
RT: 16.361 min Scan# 2225  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



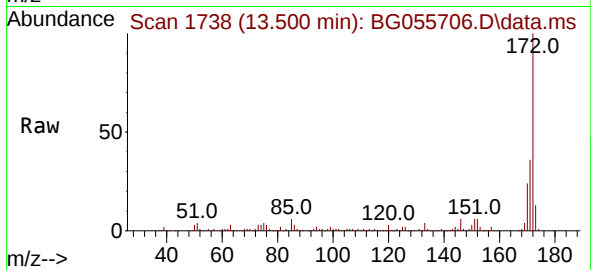
Tgt Ion:330 Resp: 77357  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.8 116.8  
141 32.0 23.9 35.9





#45  
2-Fluorobiphenyl  
Concen: 26.876 ng  
RT: 13.500 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

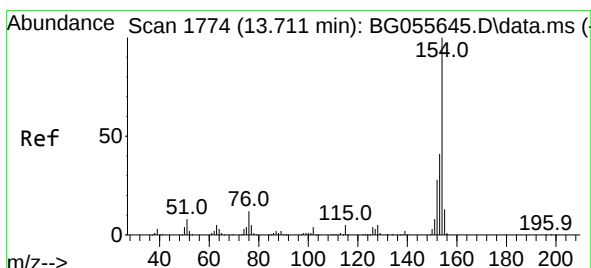
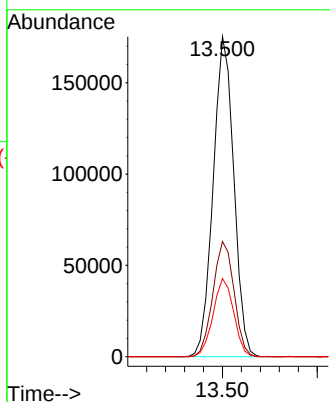
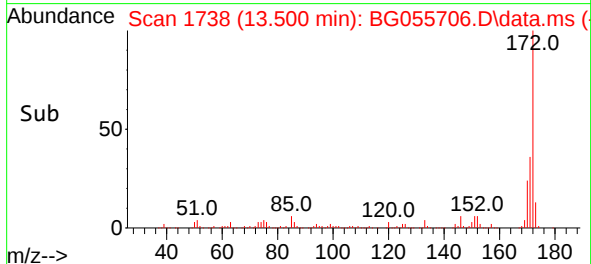
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



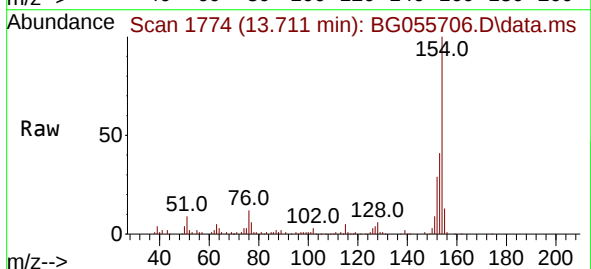
Tgt Ion:172 Resp: 264579  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.8 44.6  
170 24.4 20.2 30.4

Manual Integrations  
APPROVED

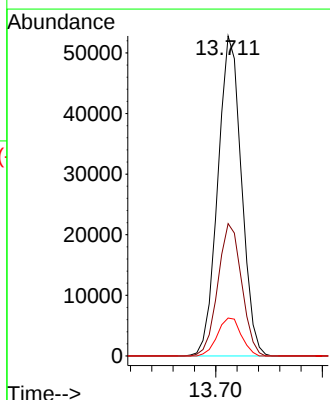
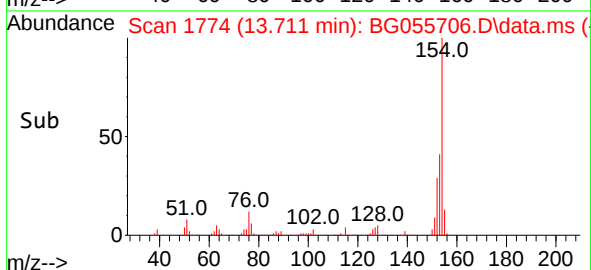
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

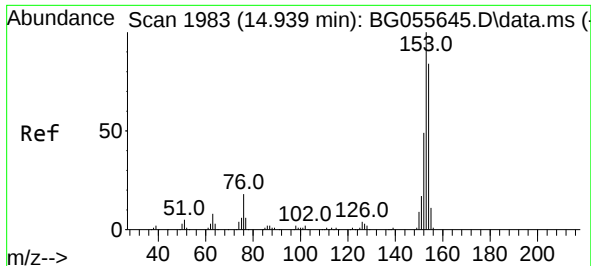


#46  
1,1'-Biphenyl  
Concen: 7.550 ng  
RT: 13.711 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



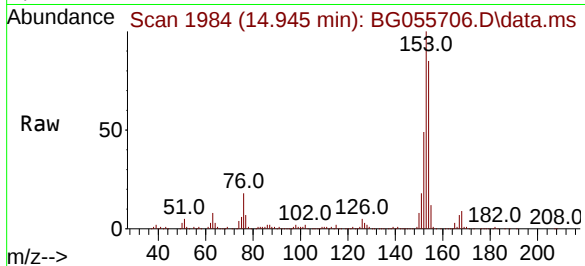
Tgt Ion:154 Resp: 81139  
Ion Ratio Lower Upper  
154 100  
153 41.3 20.6 60.6  
76 11.8 0.0 32.4





#52  
Acenaphthene  
Concen: 28.806 ng  
RT: 14.945 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

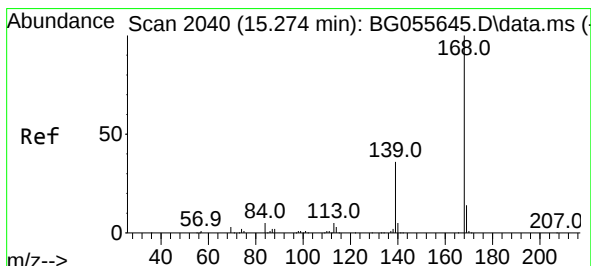
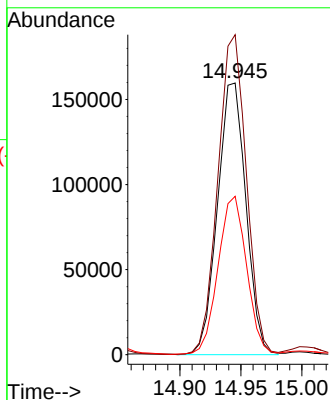
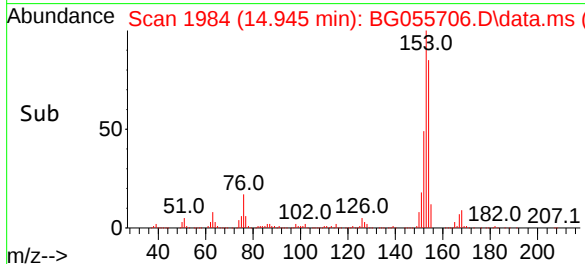
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



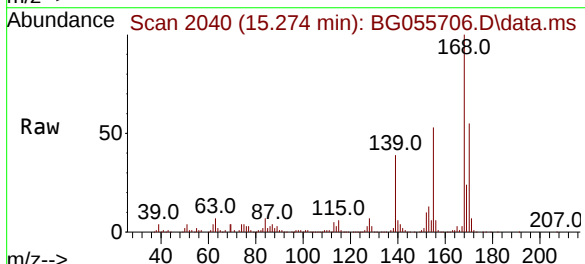
Tgt Ion:154 Resp: 258970  
Ion Ratio Lower Upper  
154 100  
153 117.8 95.0 142.4  
152 58.3 46.1 69.1

Manual Integrations  
APPROVED

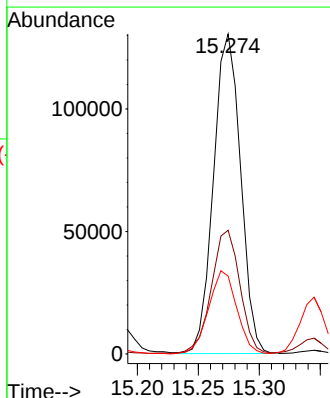
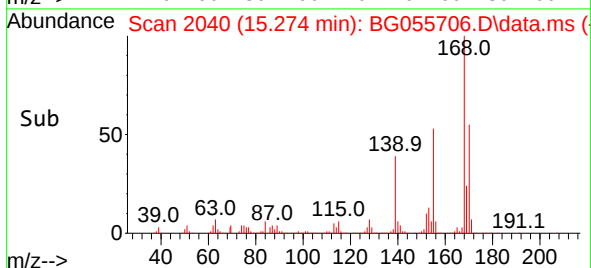
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

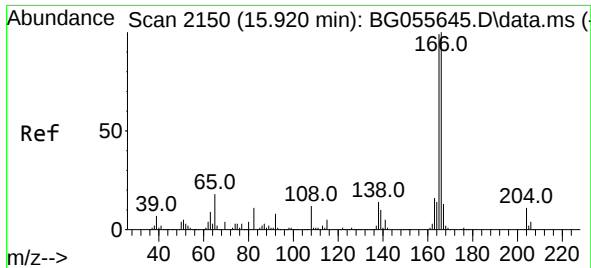


#55  
Dibenzofuran  
Concen: 14.528 ng  
RT: 15.274 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



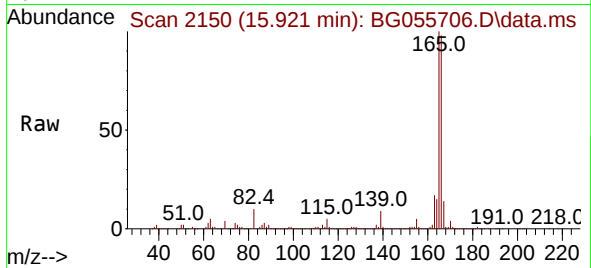
Tgt Ion:168 Resp: 201496  
Ion Ratio Lower Upper  
168 100  
139 38.6 28.8 43.2  
169 24.4 11.0 16.4#





#58  
Fluorene  
Concen: 47.610 ng  
RT: 15.921 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

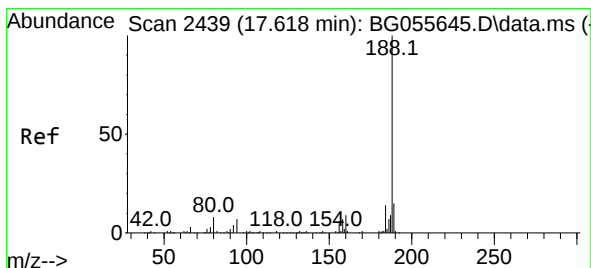
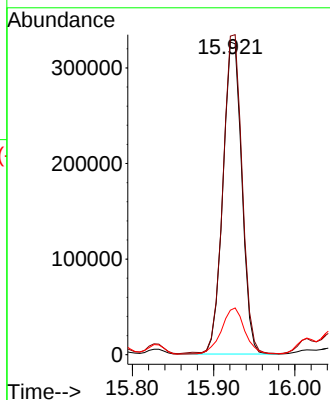
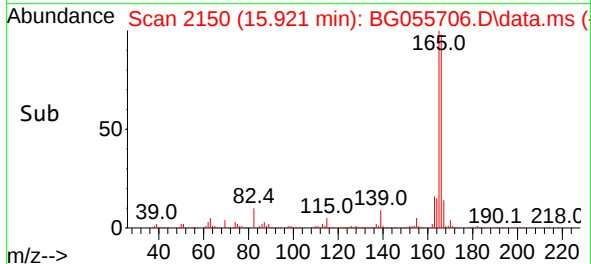
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



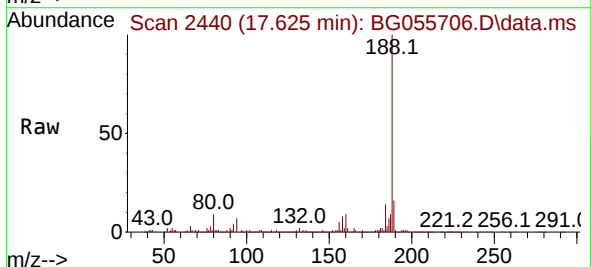
Tgt Ion:166 Resp: 52738  
Ion Ratio Lower Upper  
166 100  
165 101.9 79.3 118.9  
167 14.2 10.6 15.8

Manual Integrations  
APPROVED

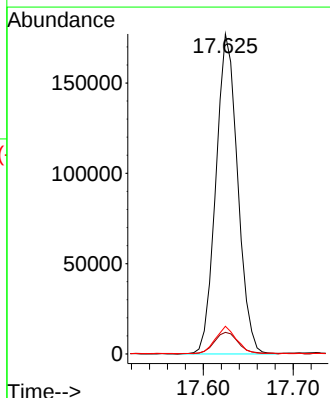
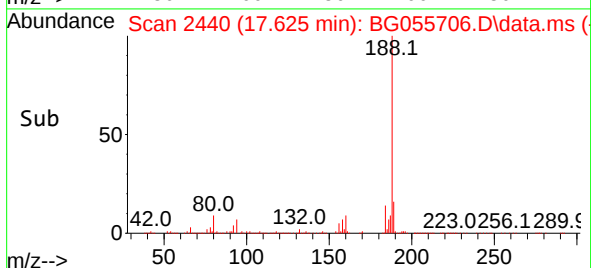
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

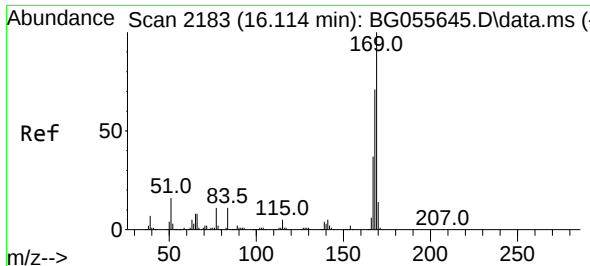


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.625 min Scan# 2440  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



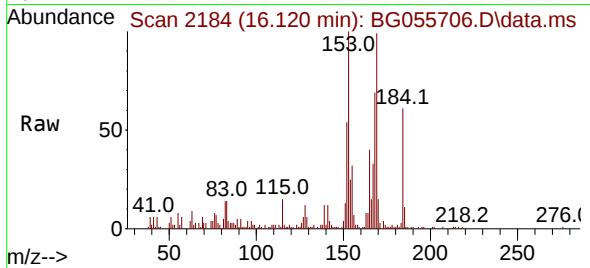
Tgt Ion:188 Resp: 298415  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.2  
80 8.7 6.6 10.0





#66  
n-Nitrosodiphenylamine  
Concen: 5.006 ng  
RT: 16.120 min Scan# 2183  
Delta R.T. 0.006 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

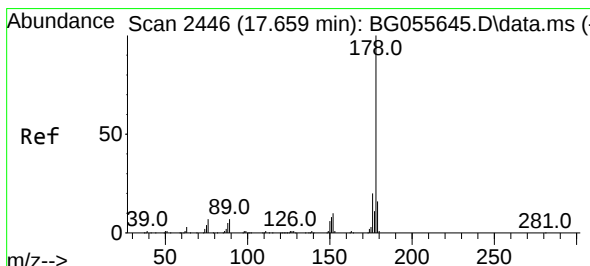
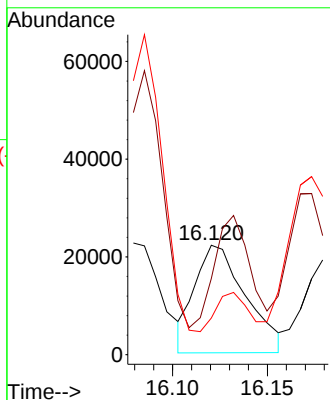
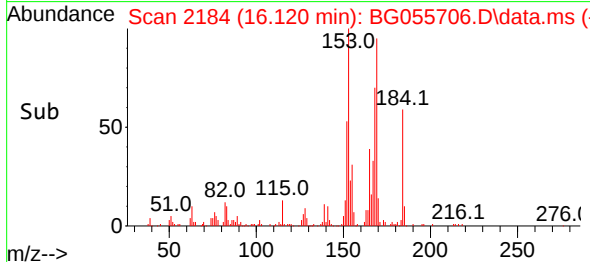
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



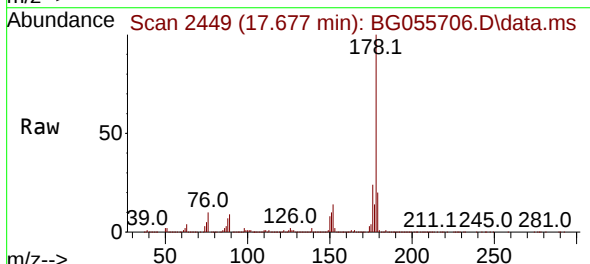
Tgt Ion:169 Resp: 4117  
Ion Ratio Lower Upper  
169 100  
168 69.6 56.6 85.0  
167 33.5 29.9 44.9

Manual Integrations  
APPROVED

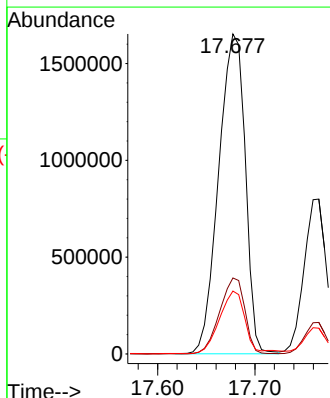
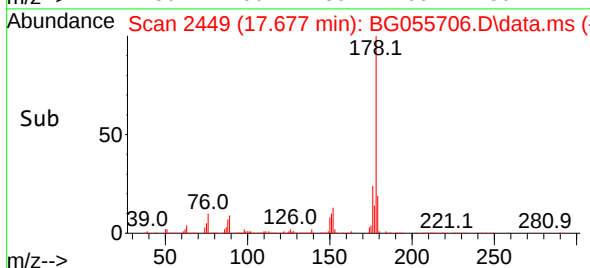
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

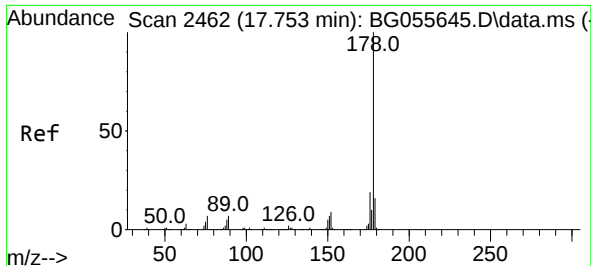


#71  
Phenanthrene  
Concen: 194.995 ng m  
RT: 17.677 min Scan# 2449  
Delta R.T. 0.018 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



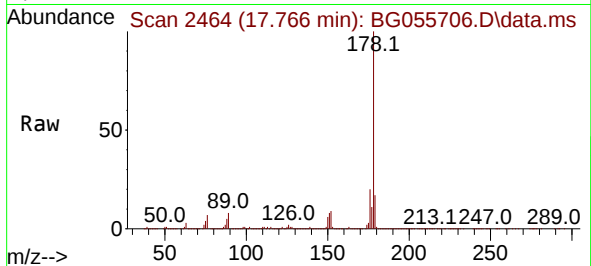
Tgt Ion:178 Resp: 3140145  
Ion Ratio Lower Upper  
178 100  
176 23.8 16.0 24.0  
179 19.6 12.7 19.1#





#72  
 Anthracene  
 Concen: 79.156 ng  
 RT: 17.766 min Scan# 2462  
 Delta R.T. 0.012 min  
 Lab File: BG055706.D  
 Acq: 19 Nov 2022 1:46

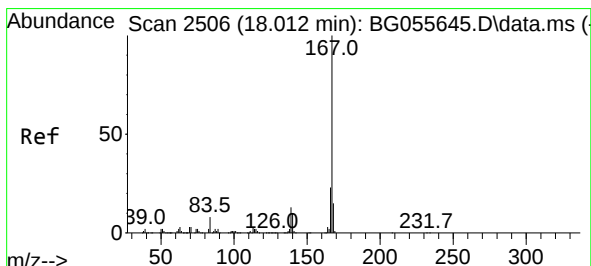
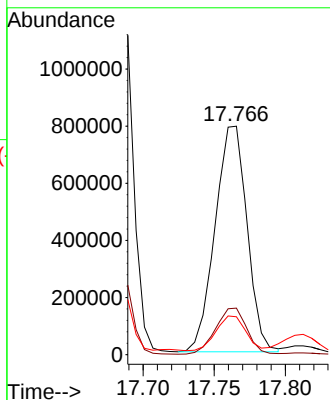
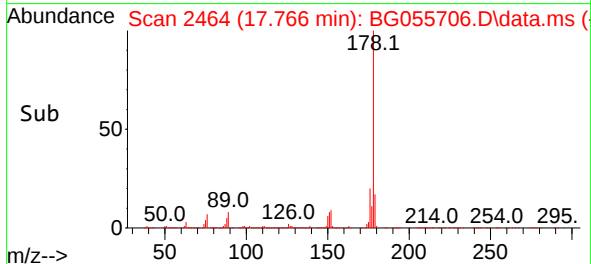
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-111722



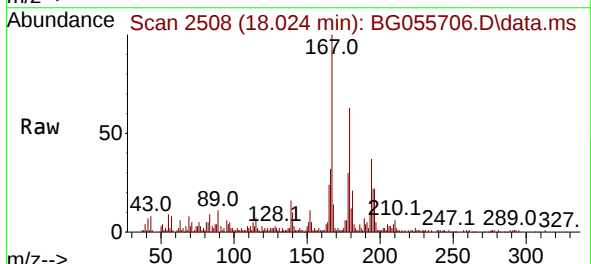
Tgt Ion:178 Resp: 1238534  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.5 23.3  
 179 16.6 12.5 18.7

Manual Integrations  
 APPROVED

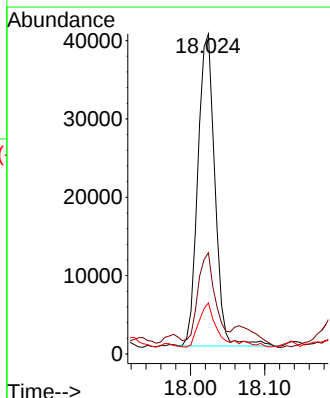
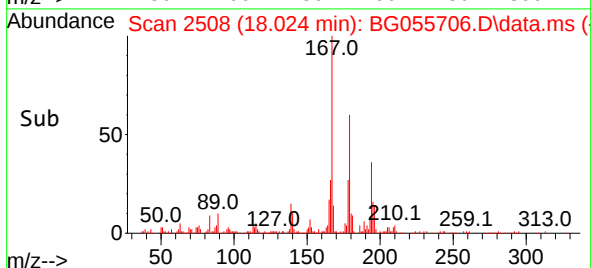
Reviewed By :Christian Giraldo 11/21/2022  
 Supervised By :Jagrut Upadhyay 11/21/2022

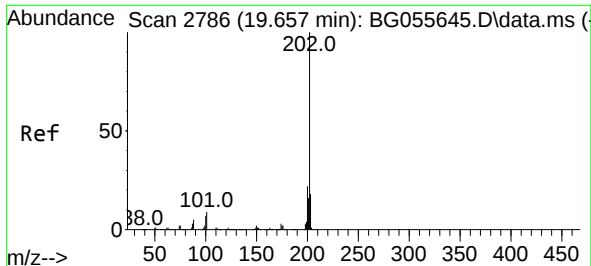


#73  
 Carbazole  
 Concen: 4.528 ng  
 RT: 18.024 min Scan# 2508  
 Delta R.T. 0.012 min  
 Lab File: BG055706.D  
 Acq: 19 Nov 2022 1:46



Tgt Ion:167 Resp: 63695  
 Ion Ratio Lower Upper  
 167 100  
 166 31.6 18.2 27.2#  
 139 16.0 10.2 15.4#





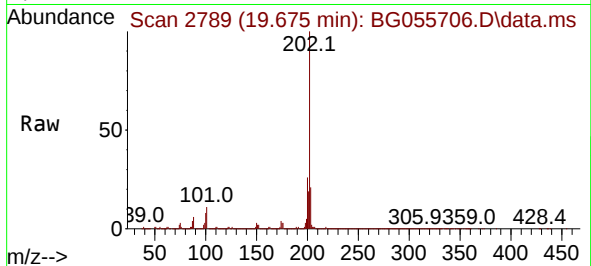
#75  
Fluoranthene  
Concen: 124.767 ng  
RT: 19.675 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Instrument :

BNA\_G

ClientSampleId :

SU-03-111722

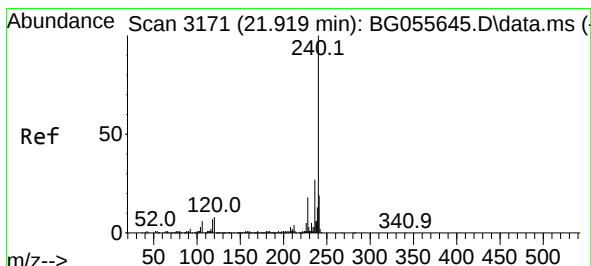
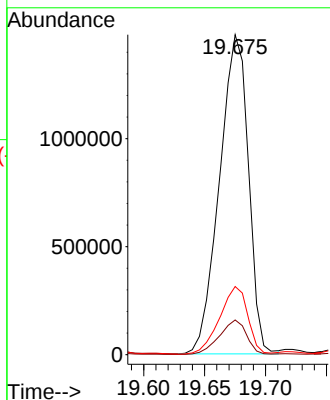
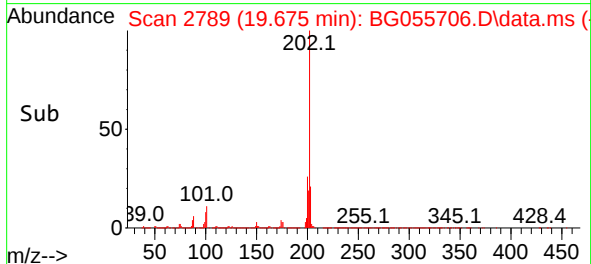


Tgt Ion:202 Resp: 2444350  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 28.8  
203 21.3 0.0 38.1

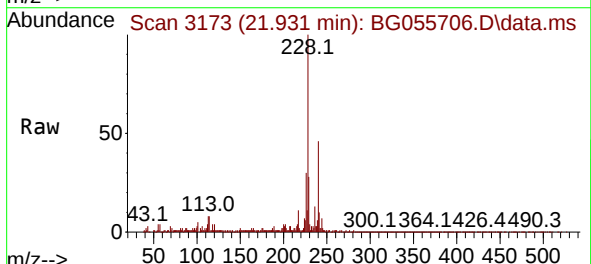
Manual Integrations

APPROVED

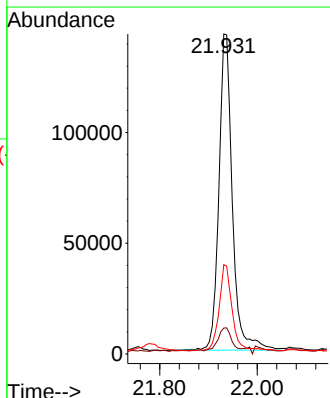
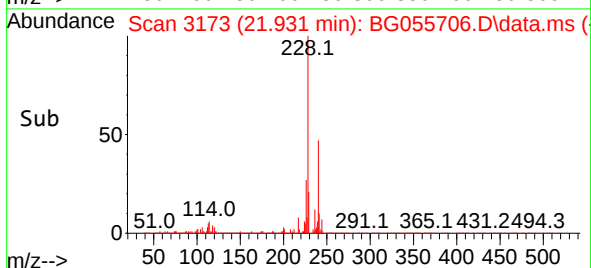
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

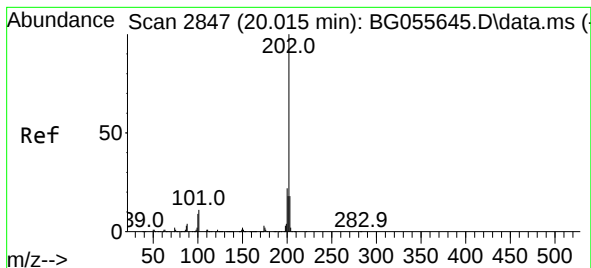


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.931 min Scan# 3173  
Delta R.T. 0.012 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



Tgt Ion:240 Resp: 273963  
Ion Ratio Lower Upper  
240 100  
120 8.1 6.3 9.5  
236 27.9 21.9 32.9





#78

Pyrene

Concen: 162.171 ng m

RT: 20.039 min Scan# 2

Delta R.T. 0.024 min

Lab File: BG055706.D

Acq: 19 Nov 2022 1:46

Instrument :

BNA\_G

ClientSampleId :

SU-03-111722

Tgt Ion:202 Resp: 3007308

Ion Ratio Lower Upper

202 100

200 27.1 17.8 26.6

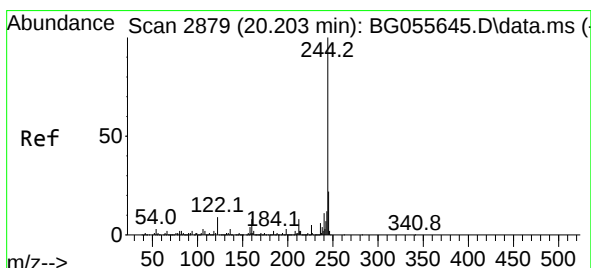
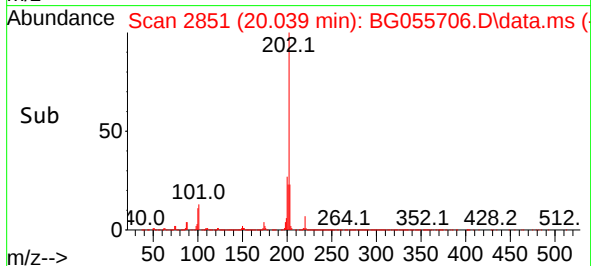
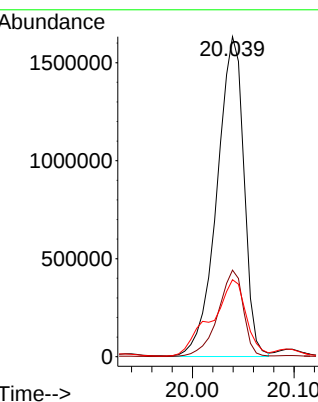
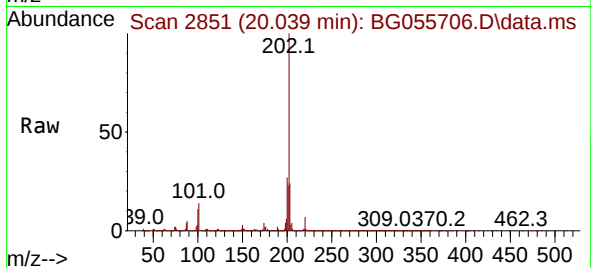
203 24.1 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#79

Terphenyl-d14

Concen: 27.045 ng

RT: 20.210 min Scan# 2880

Delta R.T. 0.006 min

Lab File: BG055706.D

Acq: 19 Nov 2022 1:46

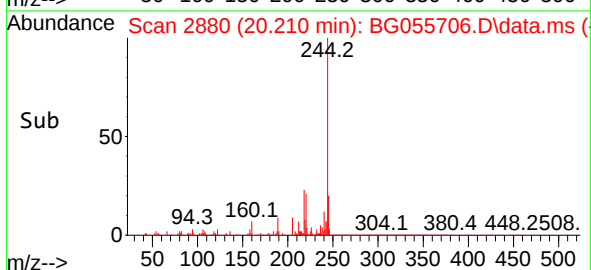
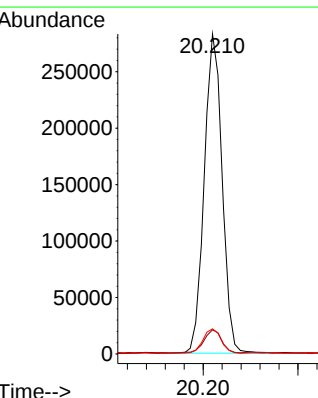
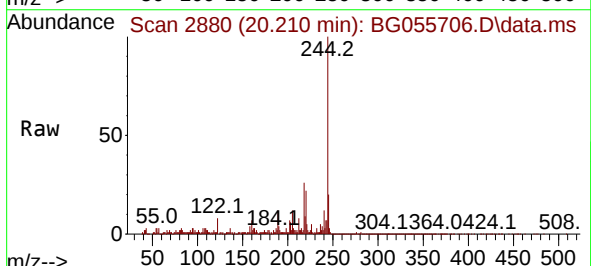
Tgt Ion:244 Resp: 370444

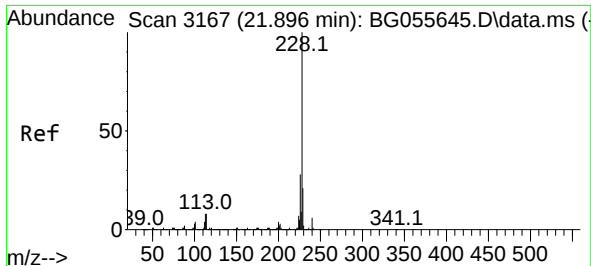
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

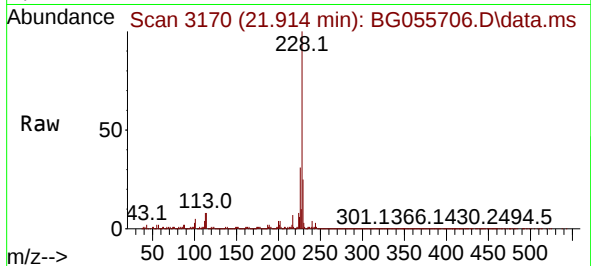
122 7.9 6.9 10.3





#81  
Benzo(a)anthracene  
Concen: 81.437 ng m  
RT: 21.914 min Scan# 3167  
Delta R.T. 0.018 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

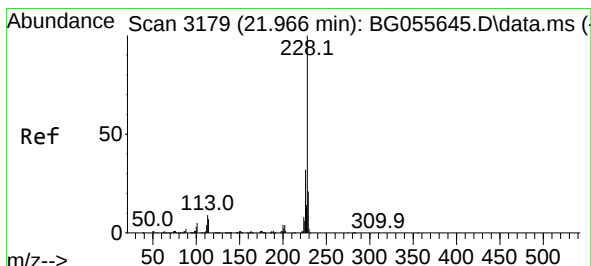
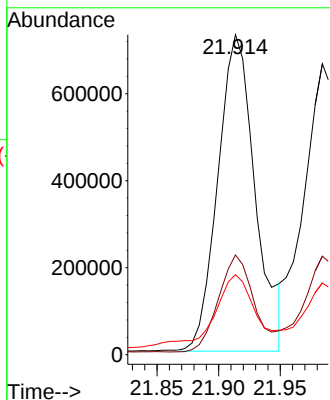
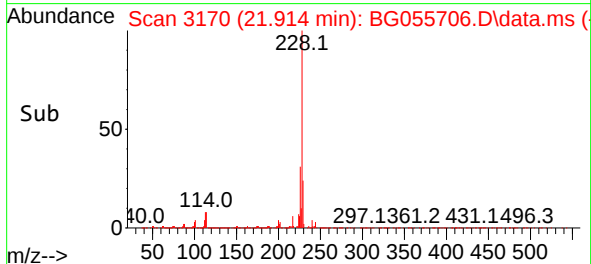
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



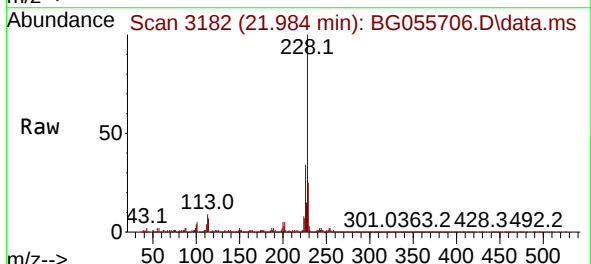
Tgt Ion:228 Resp: 1536669  
Ion Ratio Lower Upper  
228 100  
226 31.1 22.7 34.1  
229 25.0 16.5 24.7

Manual Integrations  
APPROVED

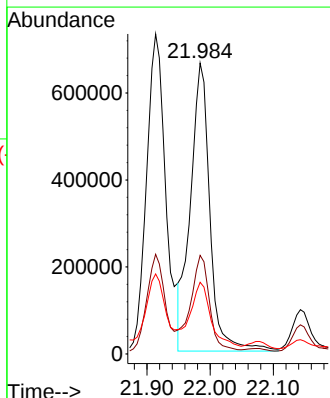
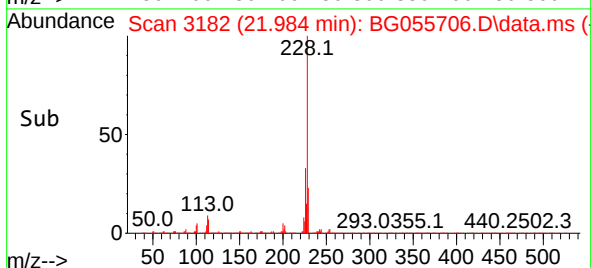
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

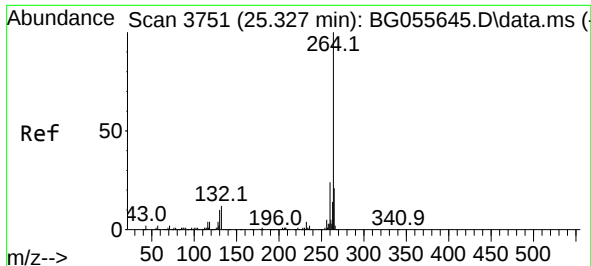


#83  
Chrysene  
Concen: 79.524 ng  
RT: 21.984 min Scan# 3182  
Delta R.T. 0.018 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



Tgt Ion:228 Resp: 1428528  
Ion Ratio Lower Upper  
228 100  
226 33.9 25.4 38.2  
229 24.6 17.1 25.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.363 min Scan# 31  
Delta R.T. 0.036 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Instrument :

BNA\_G

ClientSampleId :

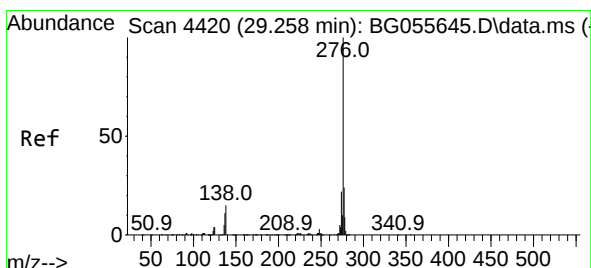
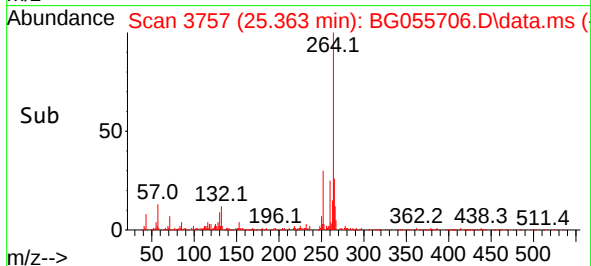
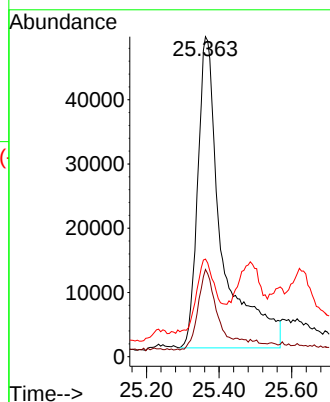
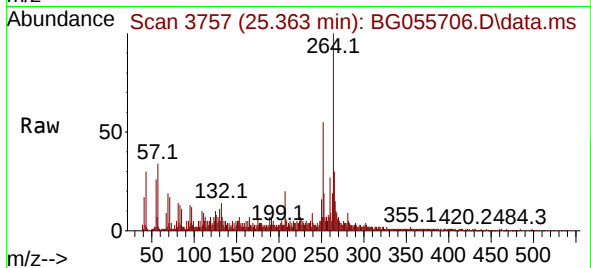
SU-03-111722

Tgt Ion:264 Resp: 224932  
Ion Ratio Lower Upper  
264 100  
260 27.3 19.5 29.3  
265 30.5 17.1 25.7

Manual Integrations

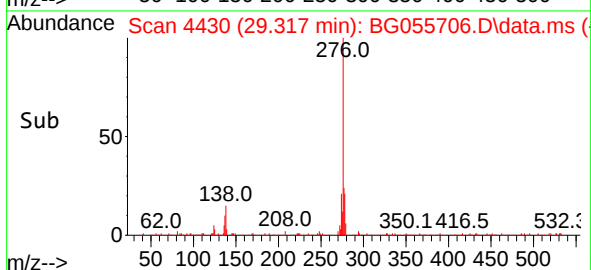
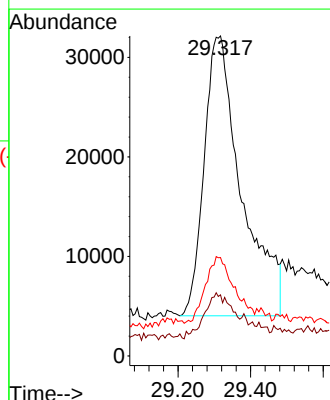
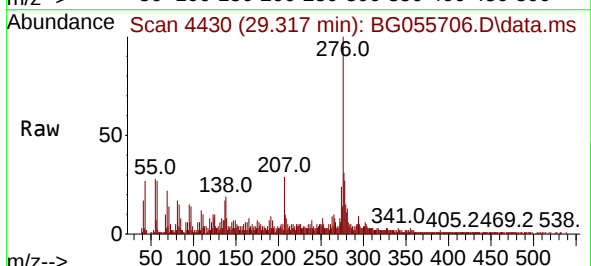
APPROVED

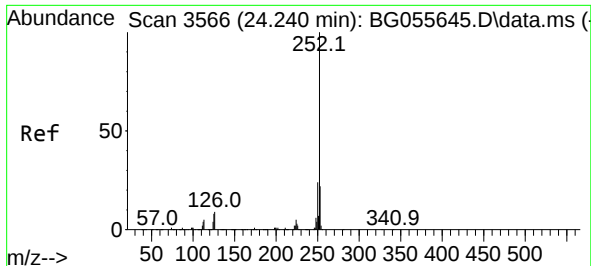
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 10.909 ng  
RT: 29.317 min Scan# 4430  
Delta R.T. 0.059 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Tgt Ion:276 Resp: 201024  
Ion Ratio Lower Upper  
276 100  
138 12.0 10.4 15.6  
277 17.5 20.2 30.4





#88  
Benzo(b)fluoranthene  
Concen: 57.640 ng  
RT: 24.276 min Scan# 3572  
Delta R.T. 0.036 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

Instrument :

BNA\_G

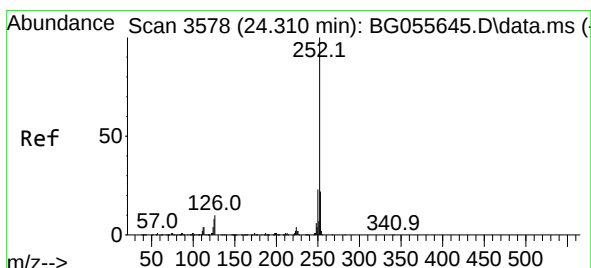
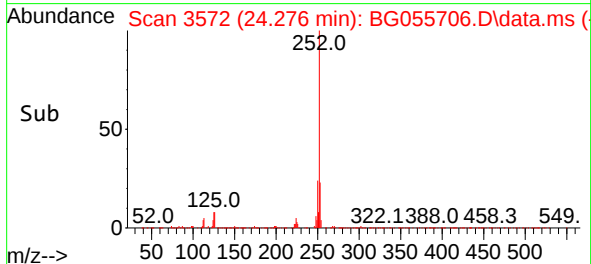
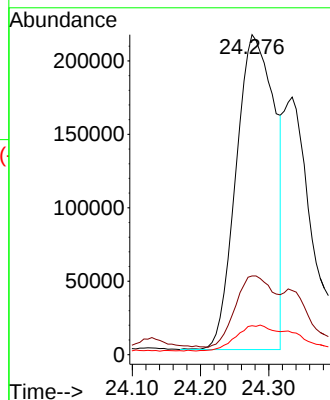
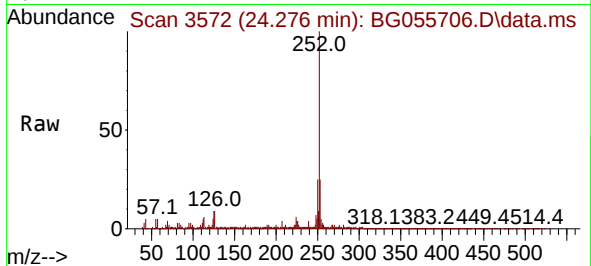
ClientSampleId :

SU-03-111722

Tgt Ion:252 Resp: 844359  
Ion Ratio Lower Upper  
252 100  
253 24.6 18.0 27.0  
125 9.0 6.2 9.2

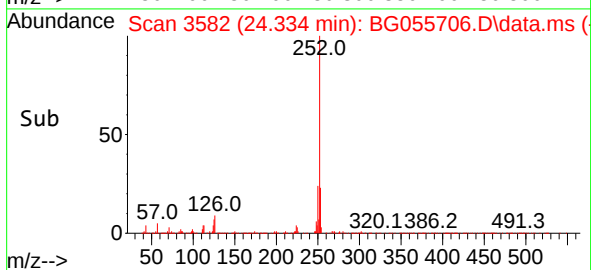
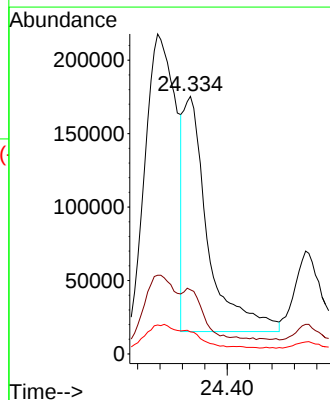
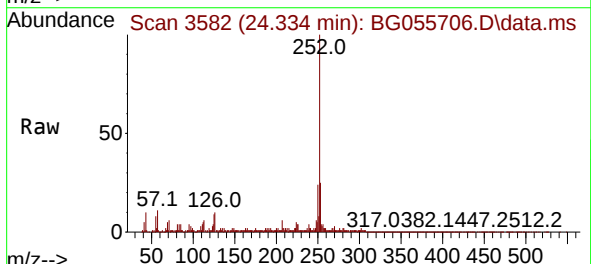
Manual Integrations  
APPROVED

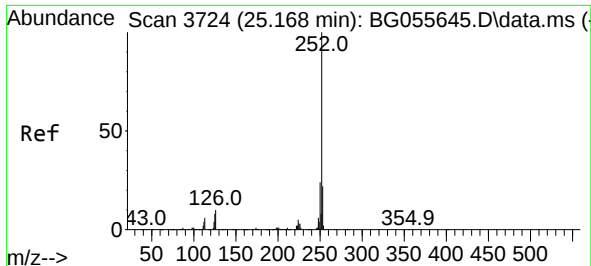
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022



#89  
Benzo(k)fluoranthene  
Concen: 33.544 ng m  
RT: 24.334 min Scan# 3582  
Delta R.T. 0.024 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

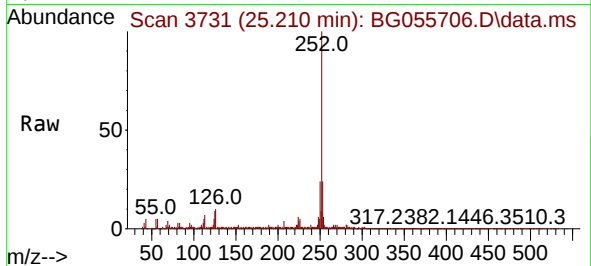
Tgt Ion:252 Resp: 489810  
Ion Ratio Lower Upper  
252 100  
253 24.9 17.8 26.6  
125 8.6 6.1 9.1





#90  
Benzo(a)pyrene  
Concen: 71.832 ng  
RT: 25.210 min Scan# 31  
Delta R.T. 0.042 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46

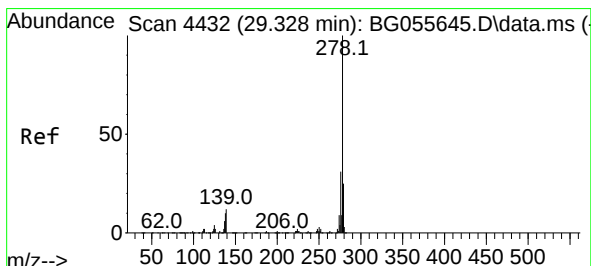
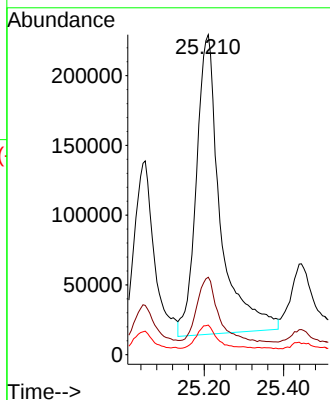
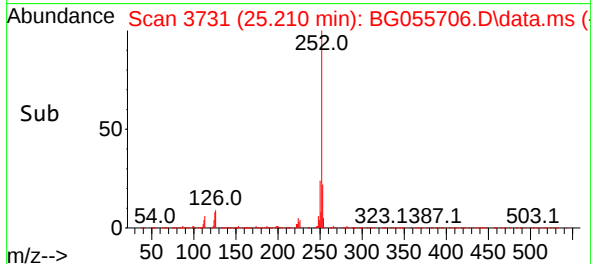
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-111722



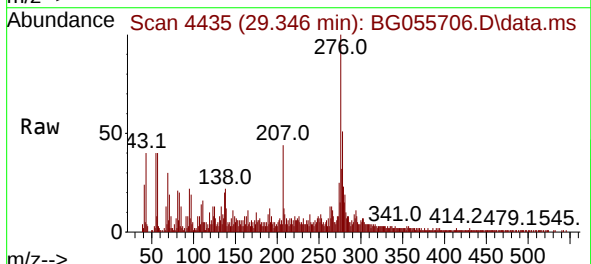
Tgt Ion:252 Resp: 902962  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.8 26.6  
125 9.3 6.4 9.6

Manual Integrations  
APPROVED

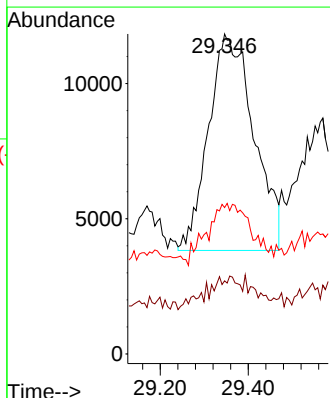
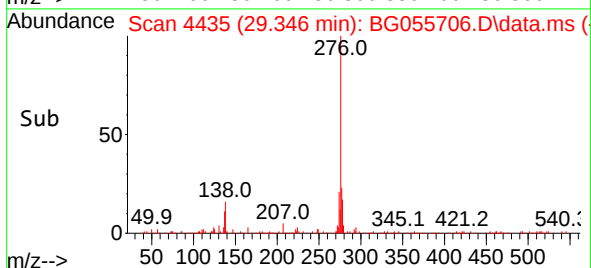
Reviewed By :Christian Giraldo 11/21/2022  
Supervised By :Jagrut Upadhyay 11/21/2022

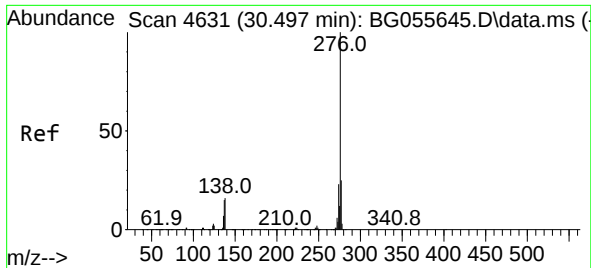


#91  
Dibenzo(a,h)anthracene  
Concen: 3.811 ng m  
RT: 29.346 min Scan# 4435  
Delta R.T. 0.018 min  
Lab File: BG055706.D  
Acq: 19 Nov 2022 1:46



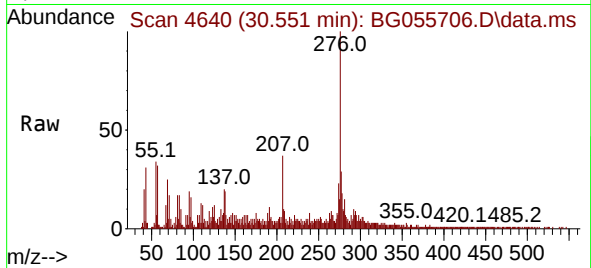
Tgt Ion:278 Resp: 57392  
Ion Ratio Lower Upper  
278 100  
139 22.8 9.8 14.8#  
279 45.7 19.8 29.6#





#92  
 Benzo(g,h,i)perylene  
 Concen: 12.957 ng m  
 RT: 30.551 min Scan# 4640  
 Delta R.T. 0.053 min  
 Lab File: BG055706.D  
 Acq: 19 Nov 2022 1:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-111722



Tgt Ion:276 Resp: 19664  
 Ion Ratio Lower Upper  
 276 100  
 277 28.9 19.8 29.6  
 138 19.2 13.1 19.7

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 11/21/2022  
 Supervised By :Jagrut Upadhyay 11/21/2022

