

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062124\  
 Data File : BG061615.D  
 Acq On : 21 Jun 2024 11:22  
 Operator : MA/JU  
 Sample : P2754-16DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DG4DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 11:57:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 05:03:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.073  | 152  | 44992    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.888 | 136  | 217830   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.701 | 164  | 155330   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 405895   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.710 | 240  | 377274   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.936 | 264  | 443647   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.467  | 96   | 807      | 0.648  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.210  | 99   | 26662    | 5.459  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.398  | 67   | 16327    | 5.362  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.598  | 132  | 19449    | 5.803  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.767  | 113  | 21653    | 5.735  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.231  | 128  | 8591     | 5.808  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.959  | 143  | 7926     | 5.291  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.494 | 165  | 26713    | 7.531  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.017 | 131  | 25748    | 4.795  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.108 | 166  | 81813    | 6.844  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.395 | 160  | 91314    | 6.971  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.865 | 143  | 12854    | 6.261  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.688 | 176  | 75431    | 7.208  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.788 | 200  | 8296     | 4.780  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 132337   | 7.143  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.819 | 212  | 152171   | 7.221  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.707 | 264  | 148746   | 7.020  | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.233  | 94   | 27968    | 5.441  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.492  | 93   | 107875   | 27.885 | ng/u1# | 97       |
| 12) 2-Chlorophenol            | 7.627  | 128  | 77511    | 23.050 | ng/u1  | 90       |
| 17) N-Nitroso-di-n-propyla... | 8.873  | 70   | 102237   | 30.611 | ng/u1  | 99       |
| 23) Isophorone                | 9.801  | 82   | 309828   | 31.618 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.995  | 139  | 24896    | 15.893 | ng/u1# | 86       |
| 29) 2,4-Dichlorophenol        | 10.518 | 162  | 137631   | 42.350 | ng/u1  | 97       |
| 30) Naphthalene               | 10.935 | 128  | 383060   | 31.428 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.139 | 107  | 29500    | 6.491  | ng/u1  | 88       |
| 36) 2-Methylnaphthalene       | 12.539 | 142  | 290113   | 33.733 | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.126 | 196  | 23294    | 8.213  | ng/u1# | 75       |
| 42) 2,4,5-Trichlorophenol     | 13.191 | 196  | 48217    | 15.597 | ng/u1  | 92       |
| 48) 2,6-Dinitrotoluene        | 14.272 | 165  | 135019   | 68.548 | ng/u1# | 92       |
| 50) Acenaphthylene            | 14.425 | 152  | 342610   | 23.430 | ng/u1  | 97       |
| 52) Acenaphthene              | 14.766 | 153  | 363265   | 35.872 | ng/u1  | 94       |
| 55) 4-Nitrophenol             | 14.877 | 109  | 26211    | 12.364 | ng/u1  | 94       |
| 56) Dibenzofuran              | 15.095 | 168  | 269341   | 19.006 | ng/u1  | 92       |
| 57) 2,4-Dinitrotoluene        | 15.048 | 165  | 43341    | 14.824 | ng/u1# | 89       |
| 59) Diethylphthalate          | 15.518 | 149  | 501098   | 40.990 | ng/u1  | 96       |
| 61) Fluorene                  | 15.747 | 166  | 294553   | 25.115 | ng/u1  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.741 | 204  | 138540   | 23.796 | ng/u1  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.634 | 248  | 71549    | 17.120 | ng/u1  | 89       |
| 71) Pentachlorophenol         | 17.081 | 266  | 91446    | 29.600 | ng/u1  | 95       |
| 72) Phenanthrene              | 17.486 | 178  | 249014   | 11.661 | ng/u1  | 98       |

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 Sample : P2754-16DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DG4DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 11:57:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 05:03:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 74) Anthracene                | 17.580 | 178  | 620941   | 28.436 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.408 | 149  | 661505   | 29.830 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.489 | 202  | 542361   | 22.181 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.747 | 149  | 51904    | 5.483  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.687 | 228  | 405922   | 15.328 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.622 | 149  | 974854   | 70.059 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.850 | 149  | 882712   | 37.724 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.908 | 252  | 316166m  | 11.855 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.978 | 252  | 252182   | 9.195  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.777 | 252  | 229255   | 8.929  | ng/ul# | 97       |
| 95) Dibenzo(a,h)anthracene    | 28.685 | 278  | 182496   | 6.860  | ng/ul# | 97       |
| 96) Benzo(g,h,i)perylene      | 29.742 | 276  | 442995   | 17.177 | ng/ul  | 95       |
| -----                         |        |      |          |        |        |          |

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

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Sample : P2754-16DL 5X  
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## Instrument :

BNA\_G

## ClientSampleId :

A4DG4DL

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

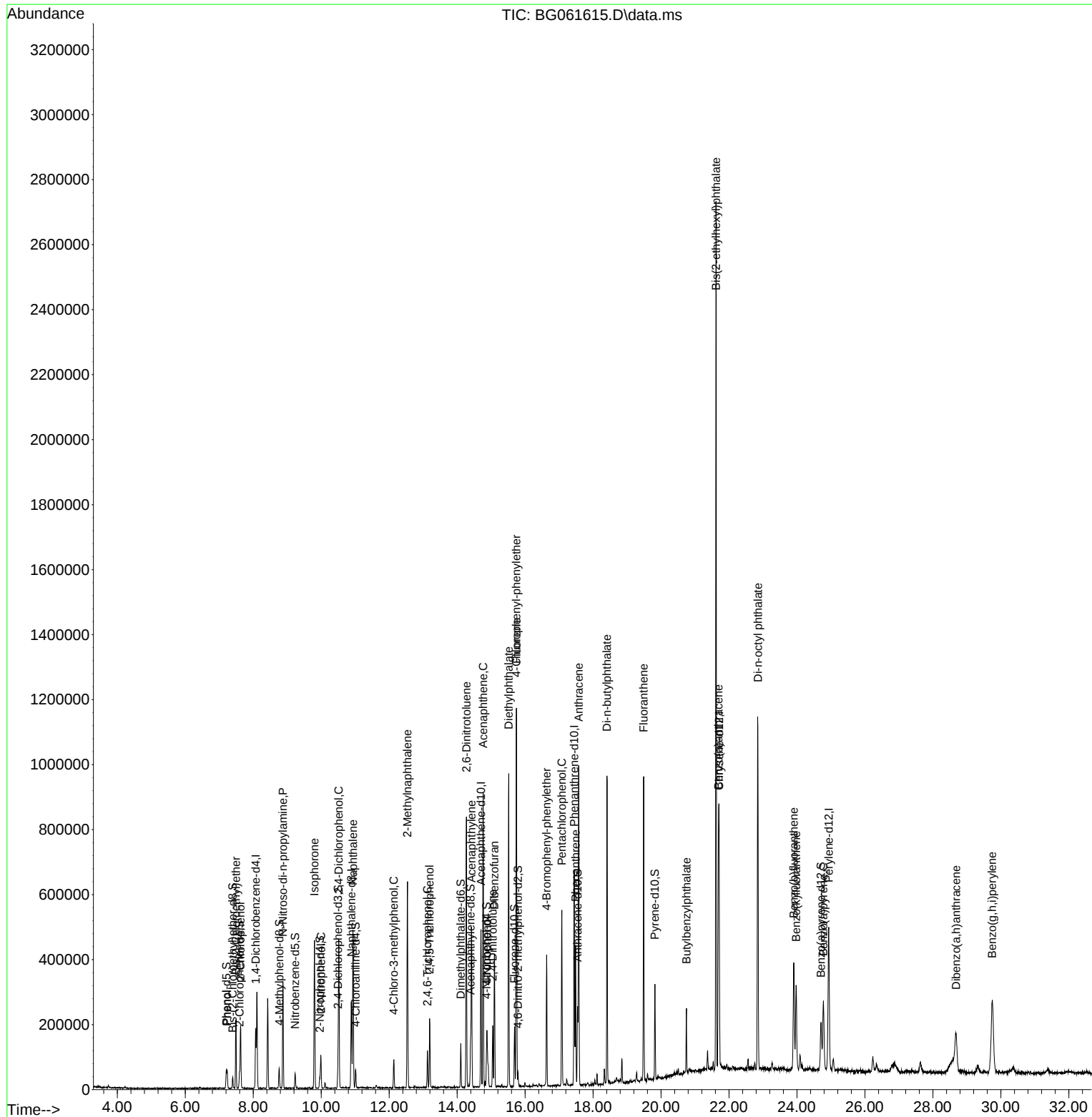
Quant Time: Jun 21 11:57:18 2024

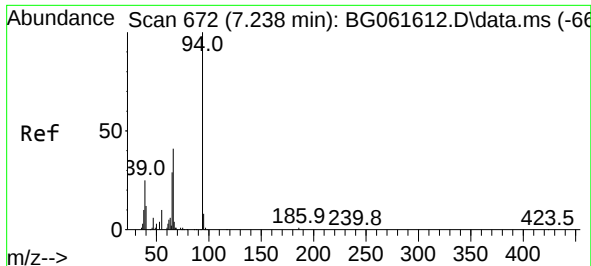
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 21 05:03:55 2024

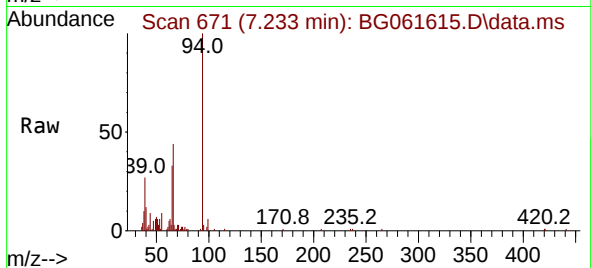
Response via : Initial Calibration





#8  
Phenol  
Concen: 5.441 ng/ul  
RT: 7.233 min Scan# 671  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

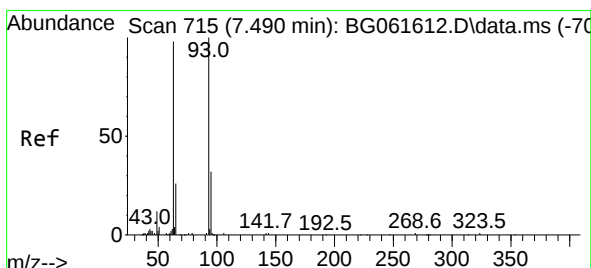
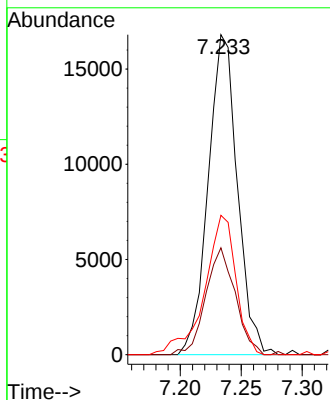
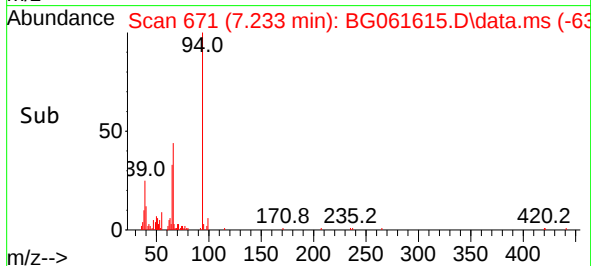
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion: 94 Resp: 27968  
Ion Ratio Lower Upper  
94 100  
65 33.4 25.8 38.6  
66 43.5 36.9 55.3

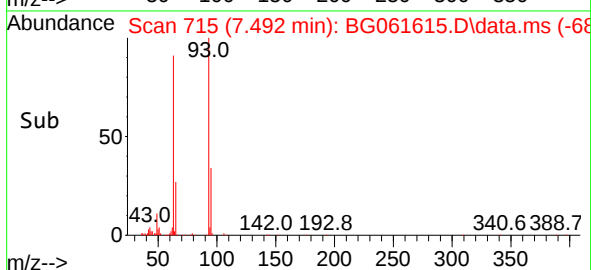
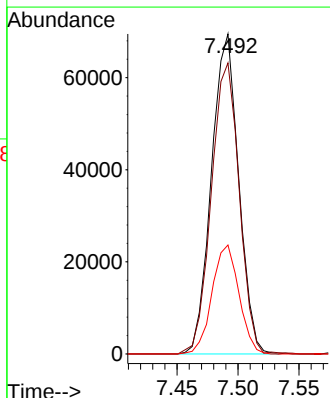
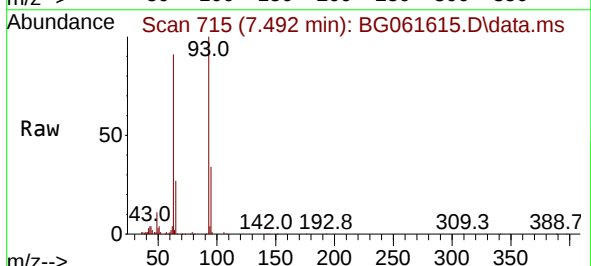
Manual Integrations  
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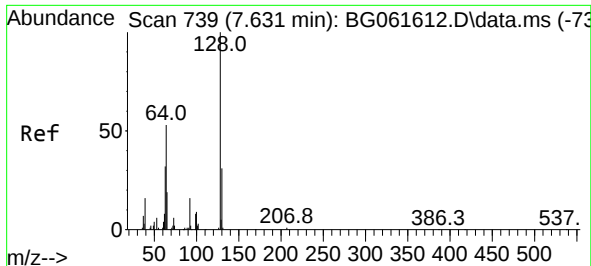
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#10  
Bis(2-Chloroethyl)ether  
Concen: 27.885 ng/ul  
RT: 7.492 min Scan# 715  
Delta R.T. 0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

Tgt Ion: 93 Resp: 107875  
Ion Ratio Lower Upper  
93 100  
63 90.9 72.5 108.7  
95 34.1 21.8 32.8#





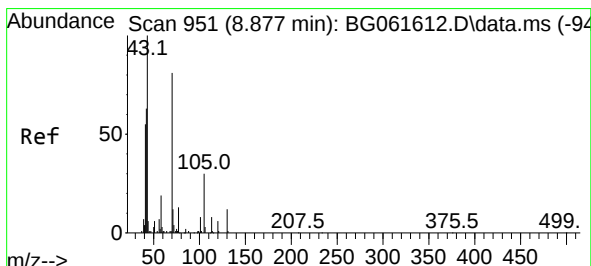
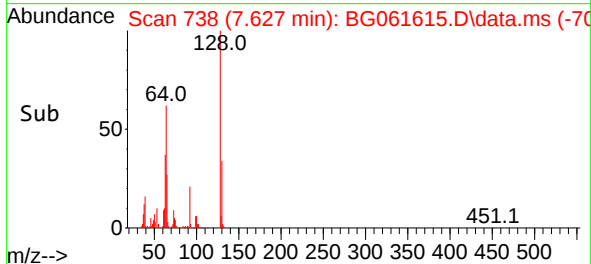
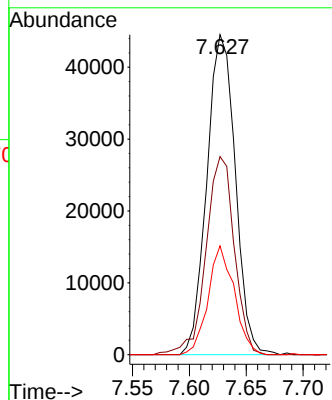
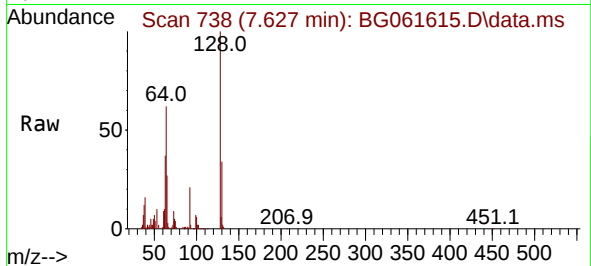
#12  
2-Chlorophenol  
Concen: 23.050 ng/ul  
RT: 7.627 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL

Tgt Ion:128 Resp: 7751  
Ion Ratio Lower Upper  
128 100  
64 61.9 43.2 64.8  
130 34.0 24.1 36.1

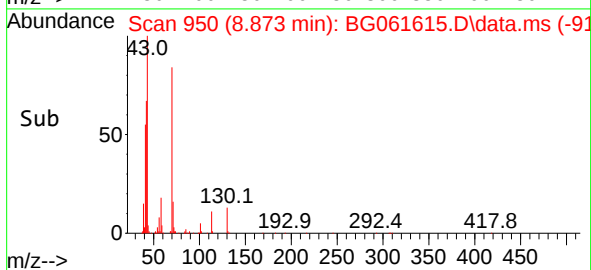
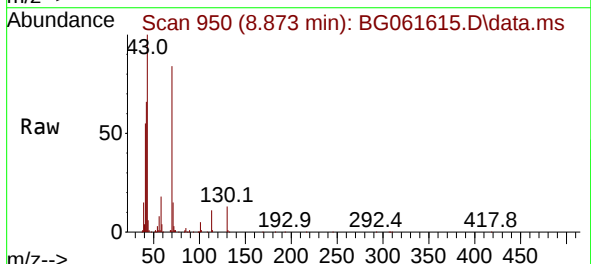
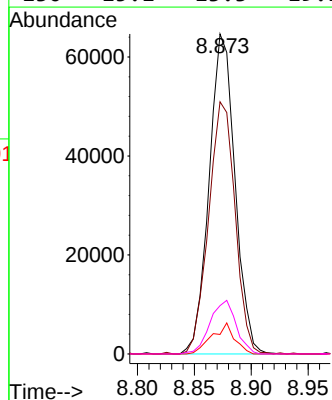
Manual Integrations  
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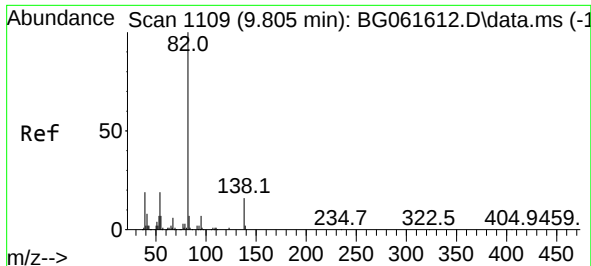
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 30.611 ng/ul  
RT: 8.873 min Scan# 950  
Delta R.T. -0.009 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

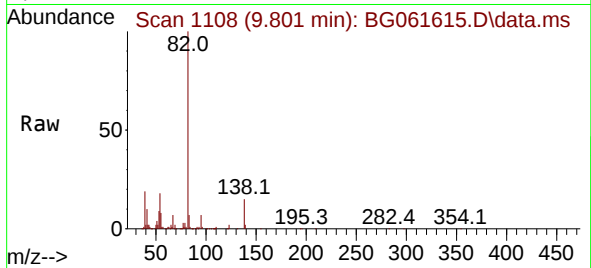
Tgt Ion: 70 Resp: 102237  
Ion Ratio Lower Upper  
70 100  
42 78.8 62.7 94.1  
101 6.1 5.8 8.8  
130 15.1 13.3 19.9





#23  
Isophorone  
Concen: 31.618 ng/ul  
RT: 9.801 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

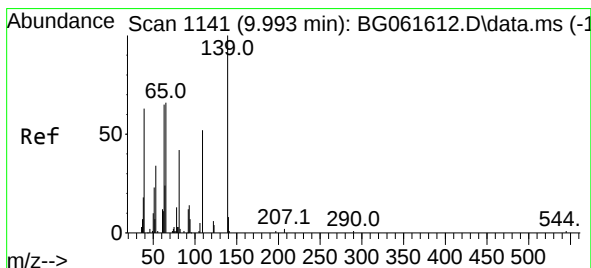
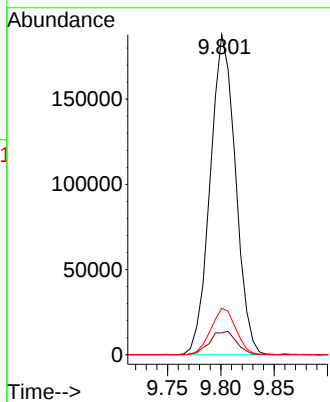
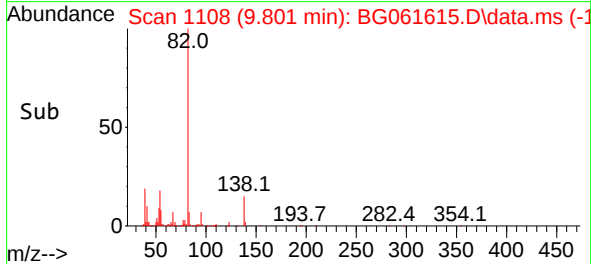
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion: 82 Resp: 309828  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.4 9.6  
138 14.5 11.7 17.5

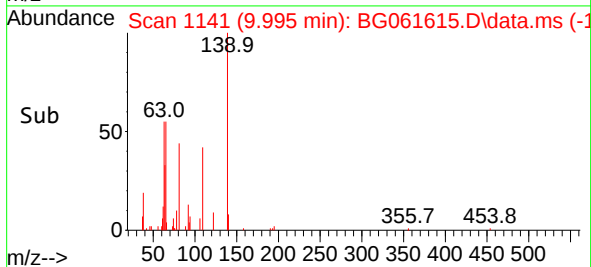
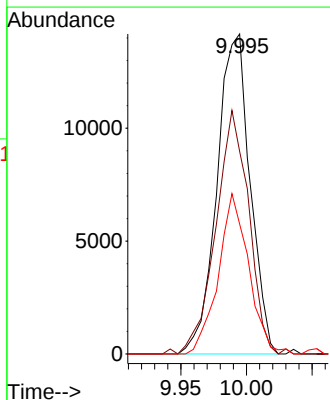
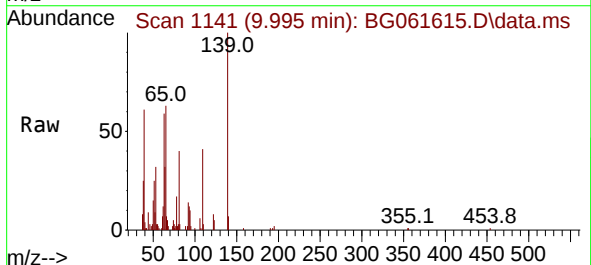
Manual Integrations  
APPROVED

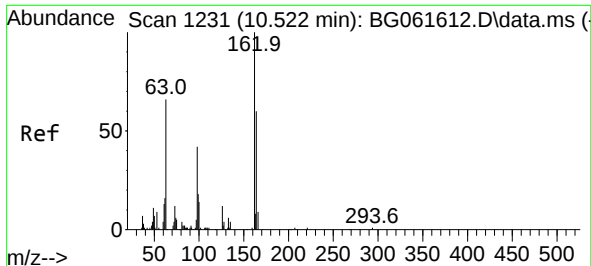
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#25  
2-Nitrophenol  
Concen: 15.893 ng/ul  
RT: 9.995 min Scan# 1141  
Delta R.T. 0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

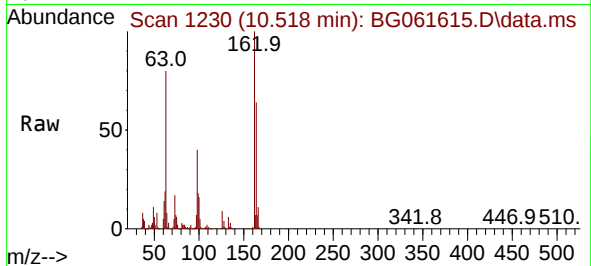
Tgt Ion:139 Resp: 24896  
Ion Ratio Lower Upper  
139 100  
65 63.3 42.2 63.4  
109 40.6 27.0 40.4





#29  
2,4-Dichlorophenol  
Concen: 42.350 ng/ul  
RT: 10.518 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

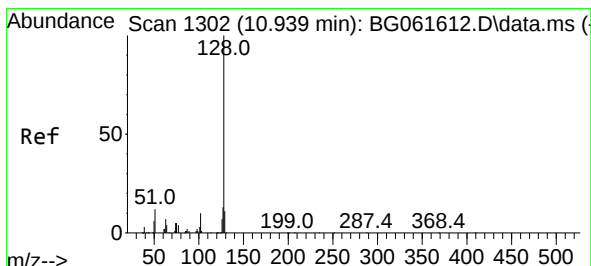
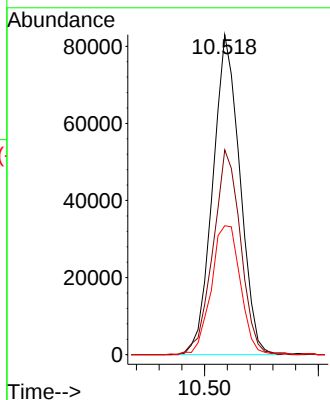
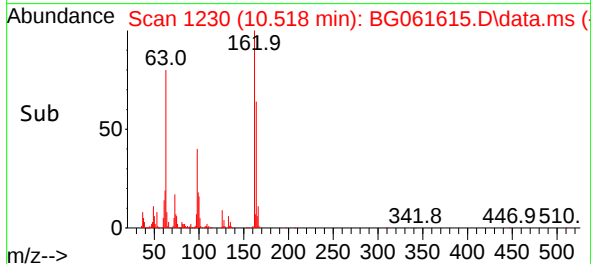
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:162 Resp: 13763  
Ion Ratio Lower Upper  
162 100  
164 64.0 51.7 77.5  
98 40.3 34.9 52.3

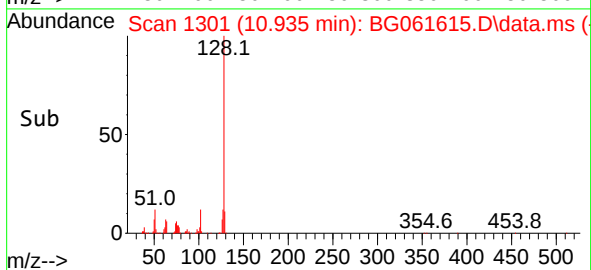
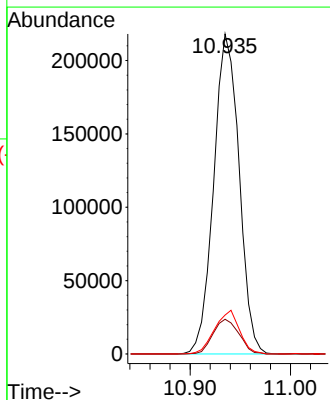
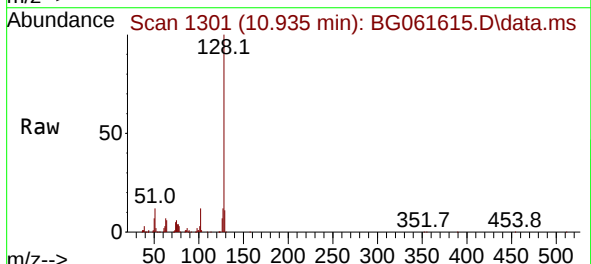
Manual Integrations  
APPROVED

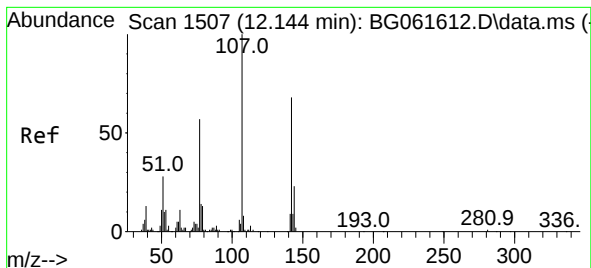
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#30  
Naphthalene  
Concen: 31.428 ng/ul  
RT: 10.935 min Scan# 1301  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

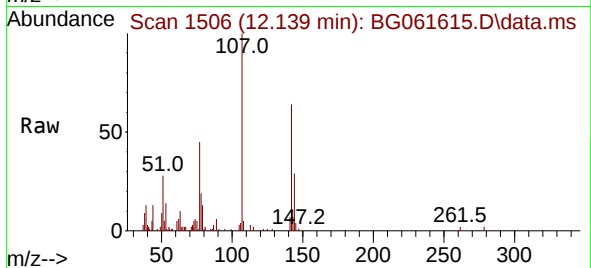
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Ion Ratio Lower Upper  
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129 10.9 9.0 13.6  
127 12.2 10.5 15.7





#35  
4-Chloro-3-methylphenol  
Concen: 6.491 ng/ul  
RT: 12.139 min Scan# 1506  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

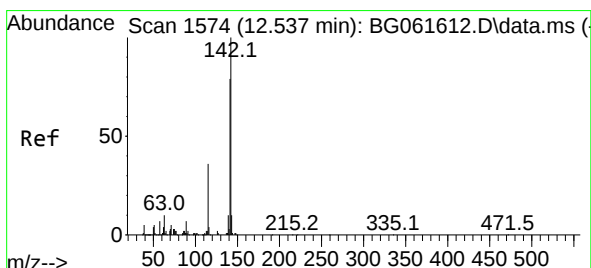
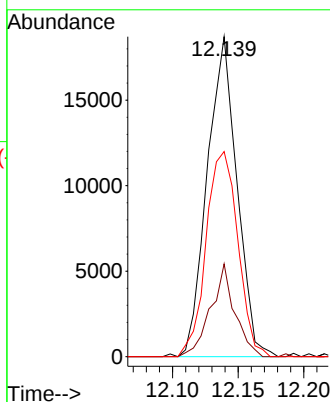
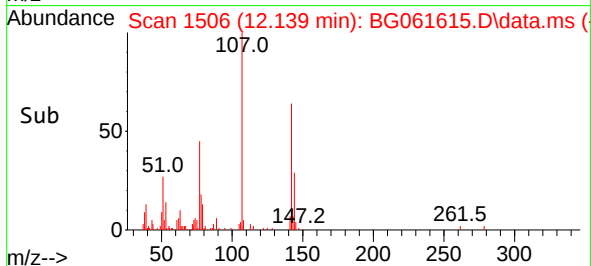
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:107 Resp: 29500  
Ion Ratio Lower Upper  
107 100  
144 29.0 19.6 29.4  
142 64.1 60.2 90.4

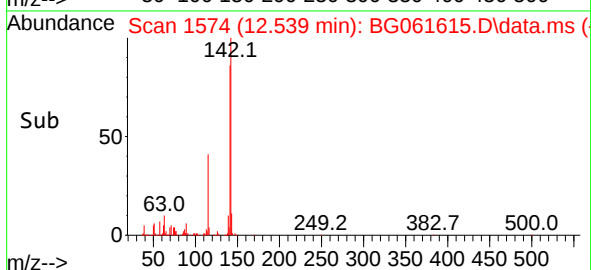
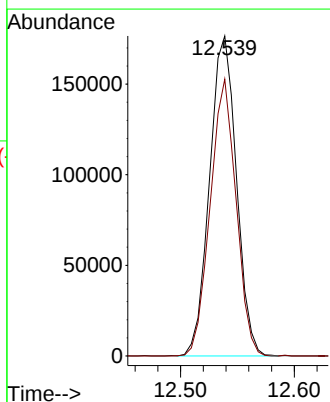
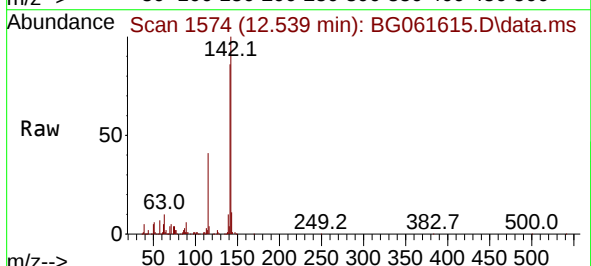
Manual Integrations  
APPROVED

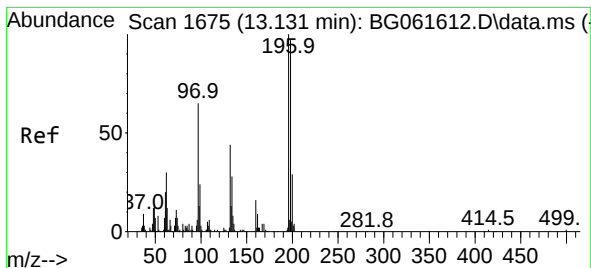
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#36  
2-Methylnaphthalene  
Concen: 33.733 ng/ul  
RT: 12.539 min Scan# 1574  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

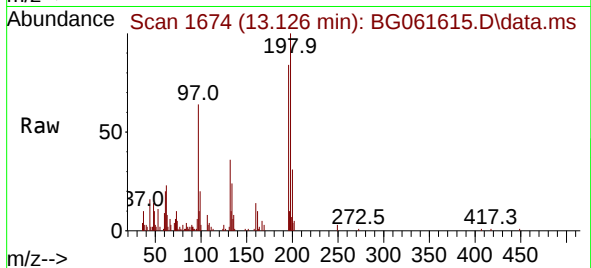
Tgt Ion:142 Resp: 290113  
Ion Ratio Lower Upper  
142 100  
141 86.5 68.5 102.7





#41  
2,4,6-Trichlorophenol  
Concen: 8.213 ng/ul  
RT: 13.126 min Scan# 1674  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

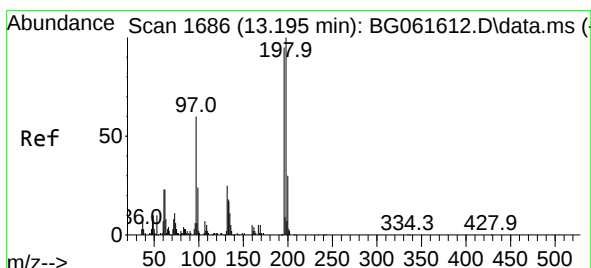
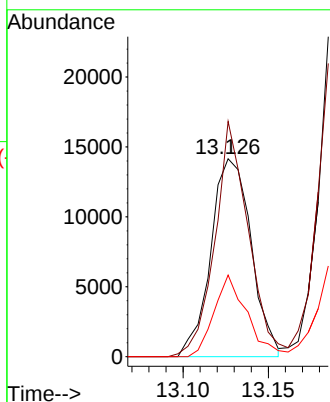
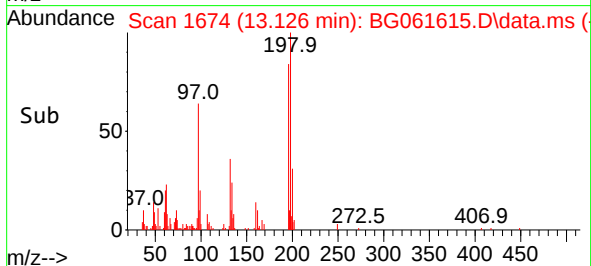
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:196 Resp: 23294  
Ion Ratio Lower Upper  
196 100  
198 118.8 73.1 109.7  
200 41.2 26.4 39.6

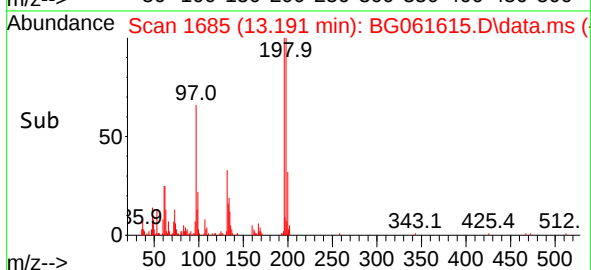
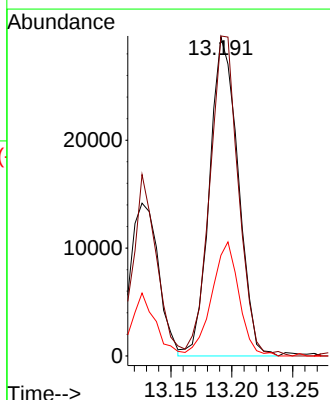
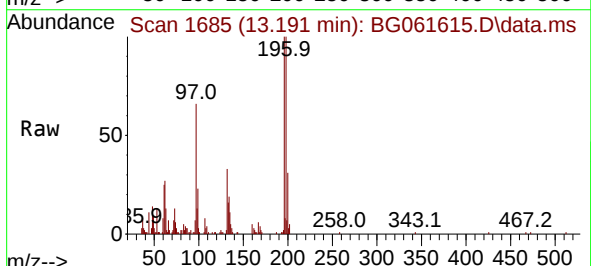
Manual Integrations  
APPROVED

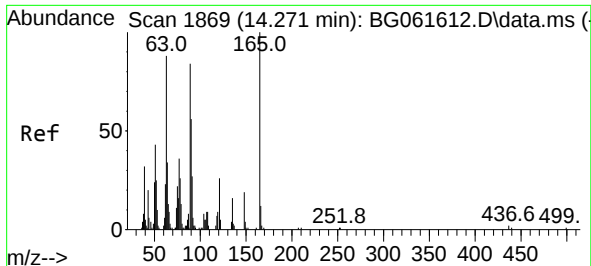
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#42  
2,4,5-Trichlorophenol  
Concen: 15.597 ng/ul  
RT: 13.191 min Scan# 1685  
Delta R.T. -0.009 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

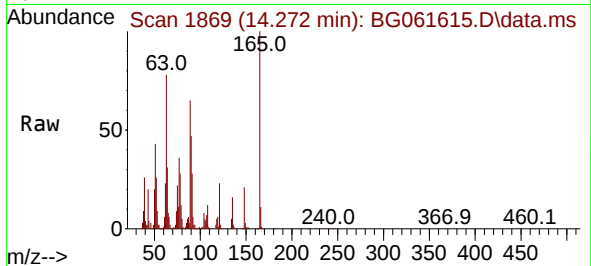
Tgt Ion:196 Resp: 48217  
Ion Ratio Lower Upper  
196 100  
198 100.3 72.7 109.1  
200 31.5 27.0 40.6





#48  
2,6-Dinitrotoluene  
Concen: 68.548 ng/ul  
RT: 14.272 min Scan# 1869  
Delta R.T. 0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

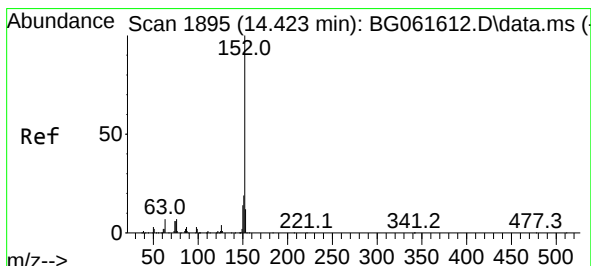
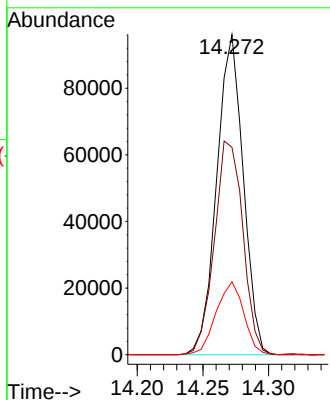
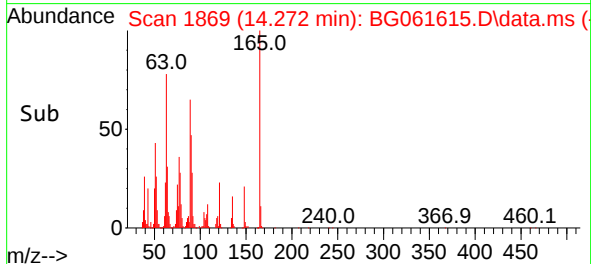
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



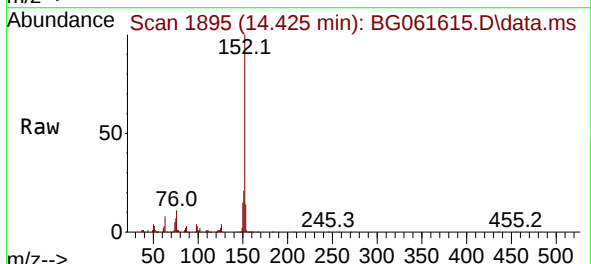
Tgt Ion:165 Resp: 135019  
Ion Ratio Lower Upper  
165 100  
89 64.8 55.9 83.9  
121 22.8 23.4 35.2

Manual Integrations  
APPROVED

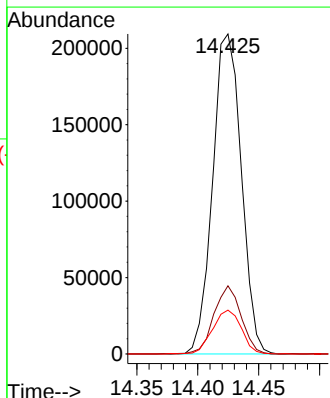
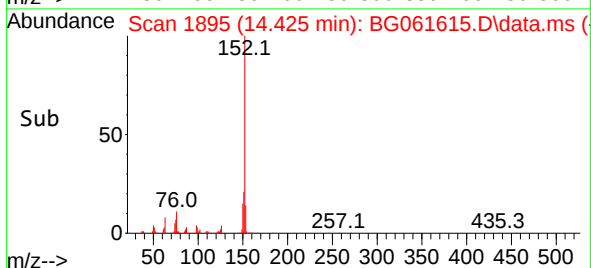
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024

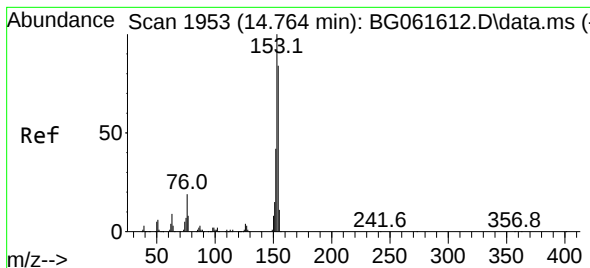


#50  
Acenaphthylene  
Concen: 23.430 ng/ul  
RT: 14.425 min Scan# 1895  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22



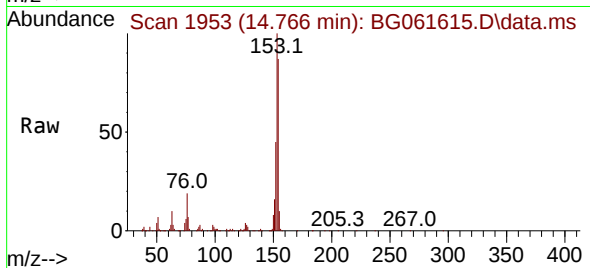
Tgt Ion:152 Resp: 342610  
Ion Ratio Lower Upper  
152 100  
151 21.3 15.3 22.9  
153 13.7 11.0 16.4





#52  
Acenaphthene  
Concen: 35.872 ng/ul  
RT: 14.766 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

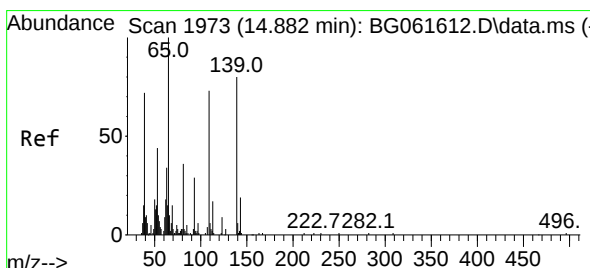
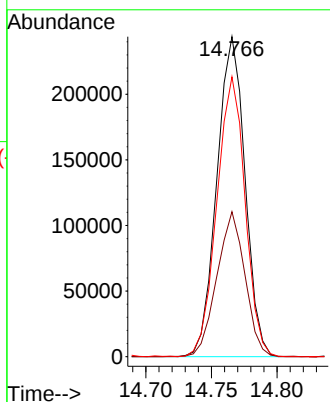
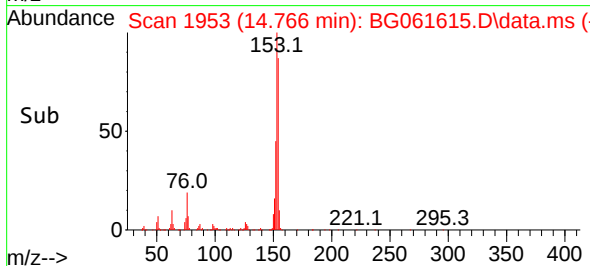
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



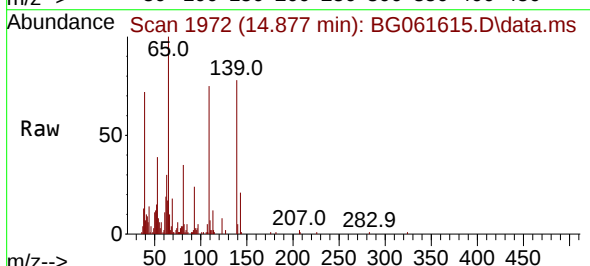
Tgt Ion:153 Resp: 36326  
Ion Ratio Lower Upper  
153 100  
152 45.3 40.0 60.0  
154 87.4 74.1 111.1

Manual Integrations  
APPROVED

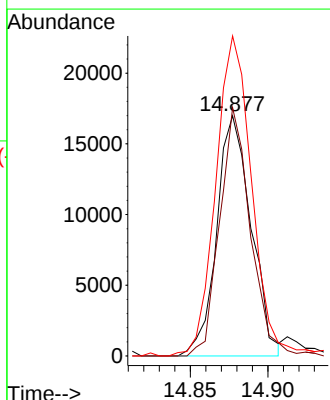
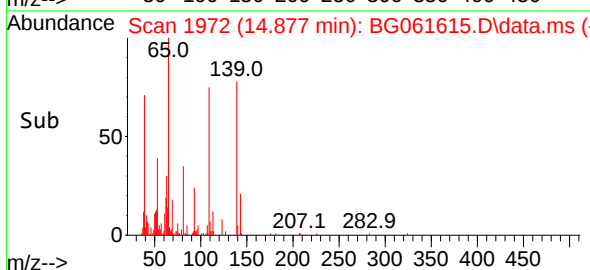
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024

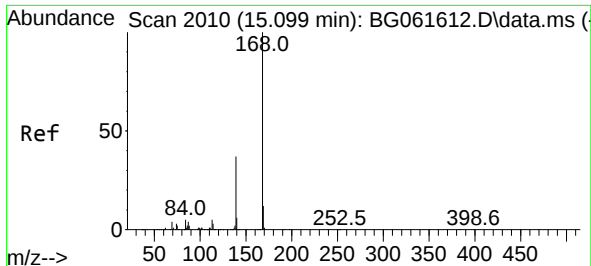


#55  
4-Nitrophenol  
Concen: 12.364 ng/ul  
RT: 14.877 min Scan# 1972  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22



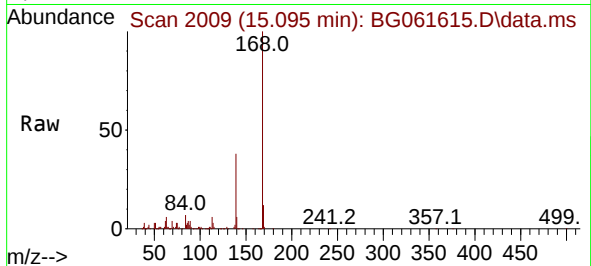
Tgt Ion:109 Resp: 26211  
Ion Ratio Lower Upper  
109 100  
139 103.4 77.1 115.7  
65 133.3 110.9 166.3





#56  
Dibenzenofuran  
Concen: 19.006 ng/ul  
RT: 15.095 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

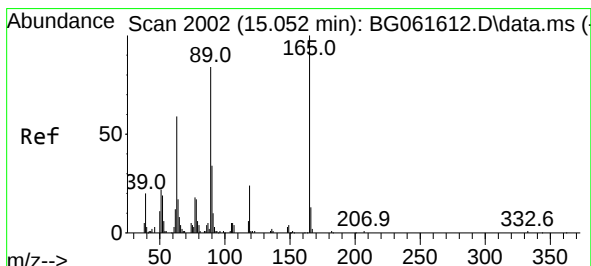
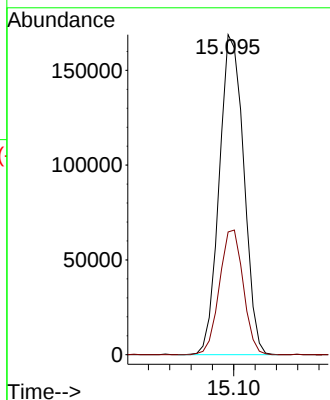
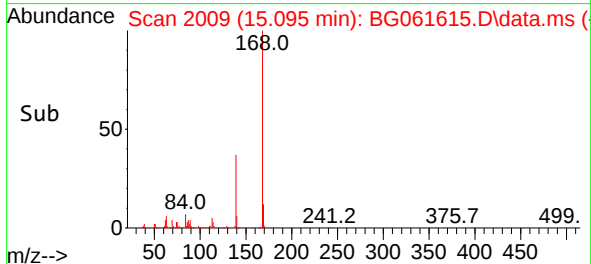
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:168 Resp: 26934  
Ion Ratio Lower Upper  
168 100  
139 38.4 27.0 40.4

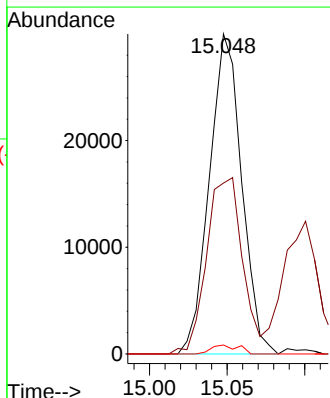
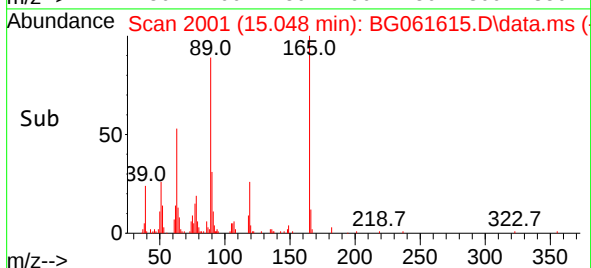
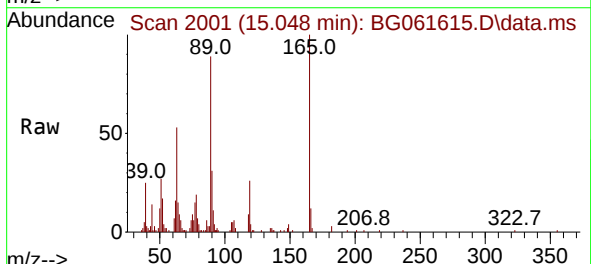
Manual Integrations  
APPROVED

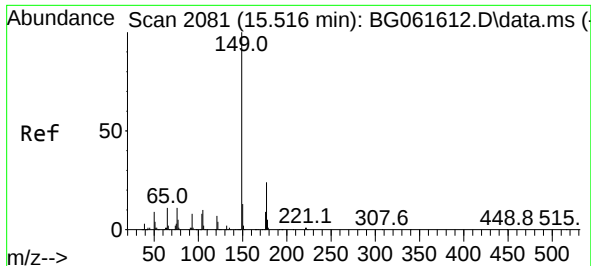
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#57  
2,4-Dinitrotoluene  
Concen: 14.824 ng/ul  
RT: 15.048 min Scan# 2001  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

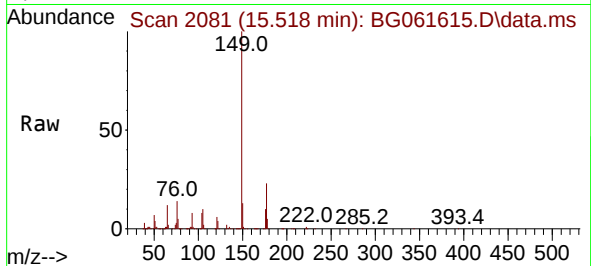
Tgt Ion:165 Resp: 43341  
Ion Ratio Lower Upper  
165 100  
63 53.4 49.4 74.0  
182 2.8 1.6 2.4#





#59  
Diethylphthalate  
Concen: 40.990 ng/ul  
RT: 15.518 min Scan# 2081  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

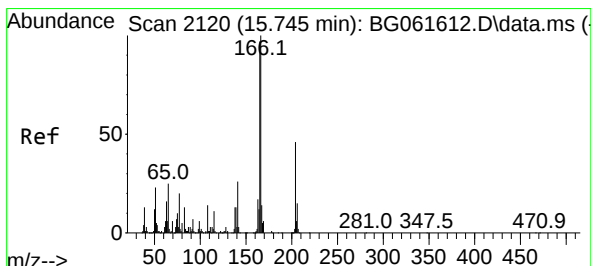
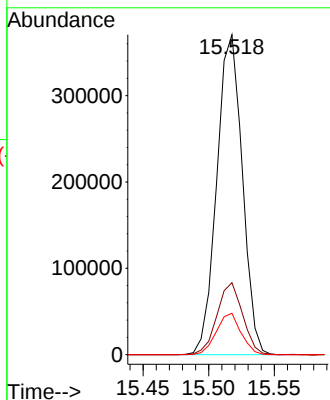
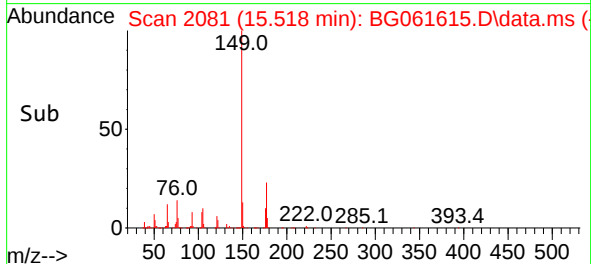
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



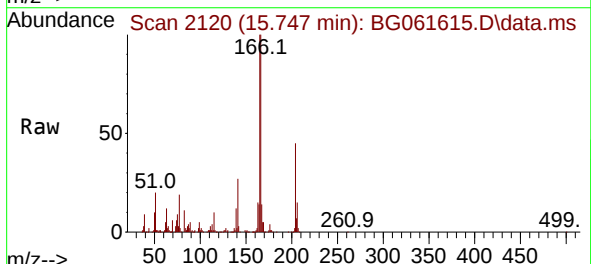
Tgt Ion:149 Resp: 501098  
Ion Ratio Lower Upper  
149 100  
177 22.5 19.6 29.4  
150 13.0 9.2 13.8

Manual Integrations  
APPROVED

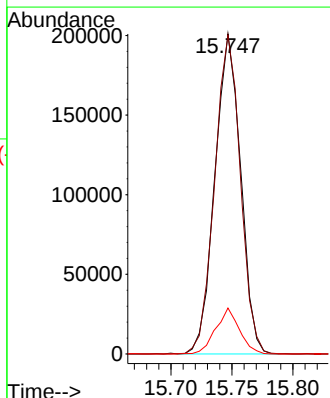
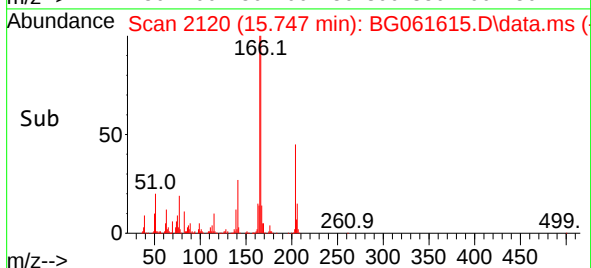
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024

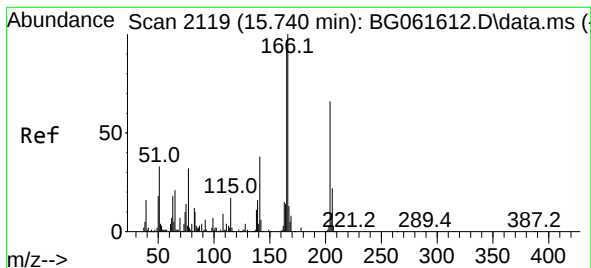


#61  
Fluorene  
Concen: 25.115 ng/ul  
RT: 15.747 min Scan# 2120  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22



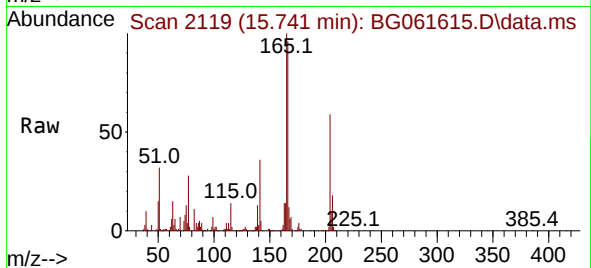
Tgt Ion:166 Resp: 294553  
Ion Ratio Lower Upper  
166 100  
165 99.6 84.9 127.3  
167 14.4 10.9 16.3





#62  
4-Chlorophenyl-phenylether  
Concen: 23.796 ng/ul  
RT: 15.741 min Scan# 2119  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

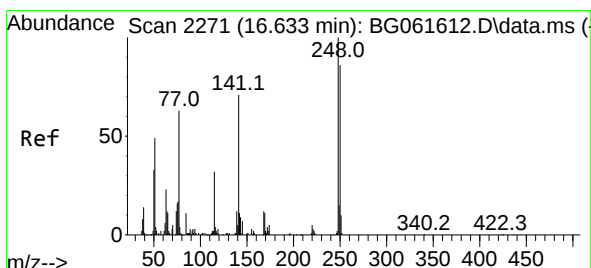
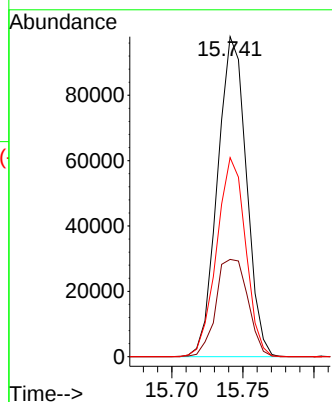
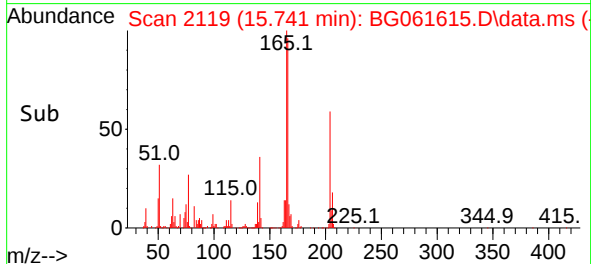
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:204 Resp: 138540  
Ion Ratio Lower Upper  
204 100  
206 30.4 26.4 39.6  
141 62.2 51.1 76.7

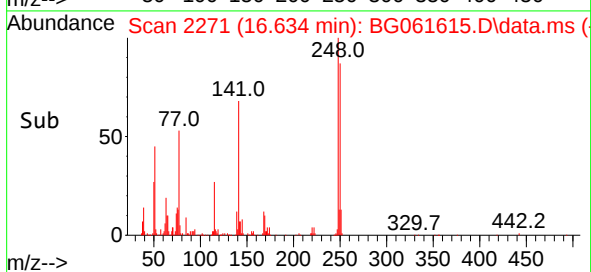
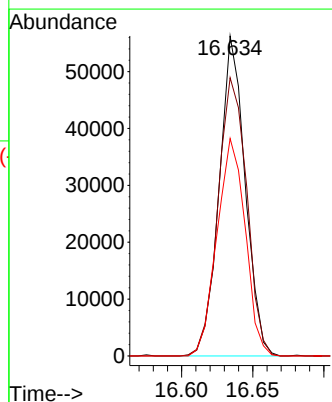
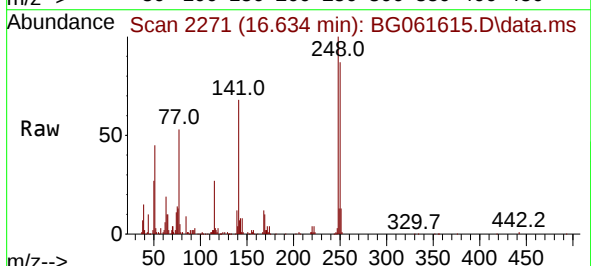
Manual Integrations  
APPROVED

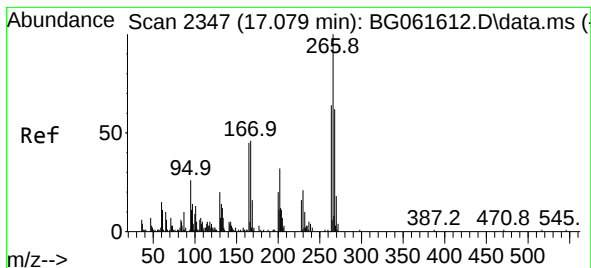
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#68  
4-Bromophenyl-phenylether  
Concen: 17.120 ng/ul  
RT: 16.634 min Scan# 2271  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

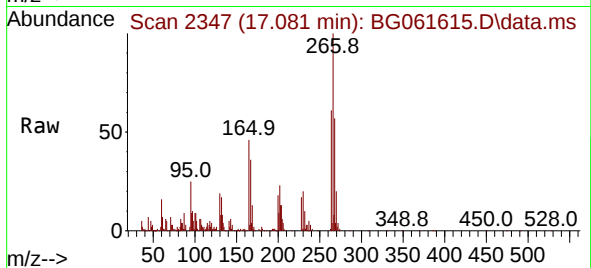
Tgt Ion:248 Resp: 71549  
Ion Ratio Lower Upper  
248 100  
250 86.9 82.1 123.1  
141 67.9 57.6 86.4





#71  
Pentachlorophenol  
Concen: 29.600 ng/ul  
RT: 17.081 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

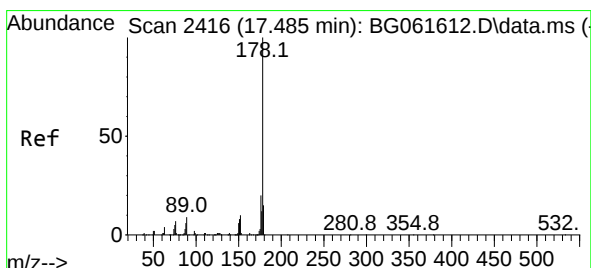
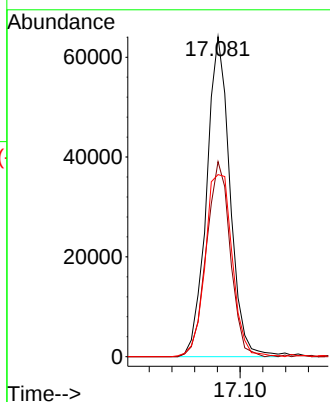
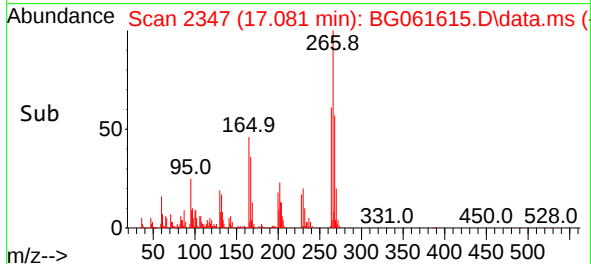
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:266 Resp: 91440  
Ion Ratio Lower Upper  
266 100  
264 61.0 52.5 78.7  
268 56.9 47.5 71.3

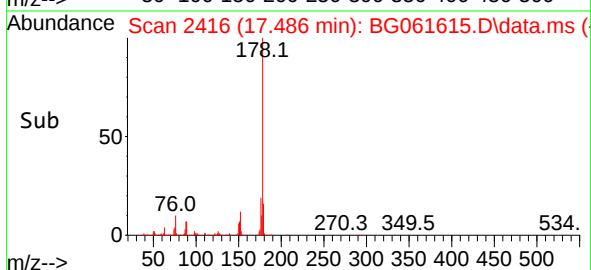
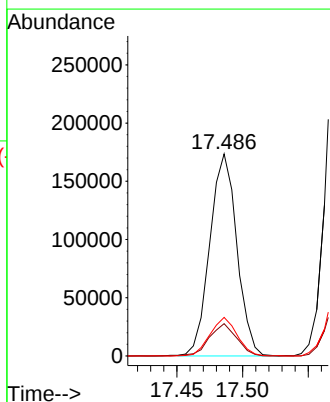
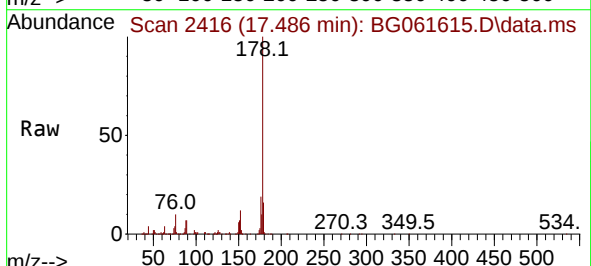
Manual Integrations  
APPROVED

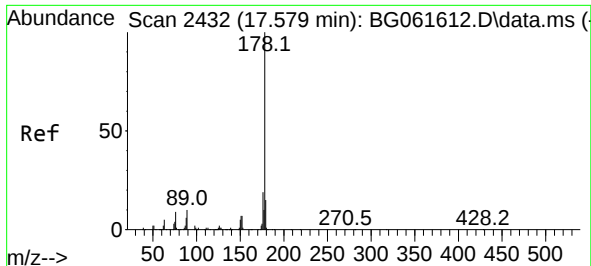
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#72  
Phenanthrene  
Concen: 11.661 ng/ul  
RT: 17.486 min Scan# 2416  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

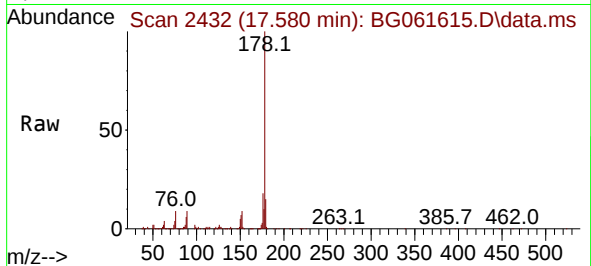
Tgt Ion:178 Resp: 249014  
Ion Ratio Lower Upper  
178 100  
179 16.0 12.0 18.0  
176 19.1 16.2 24.2





#74  
 Anthracene  
 Concen: 28.436 ng/ul  
 RT: 17.580 min Scan# 2432  
 Delta R.T. 0.003 min  
 Lab File: BG061615.D  
 Acq: 21 Jun 2024 11:22

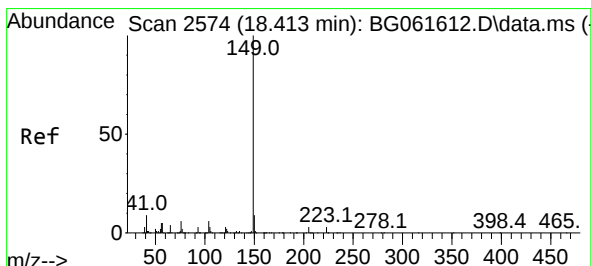
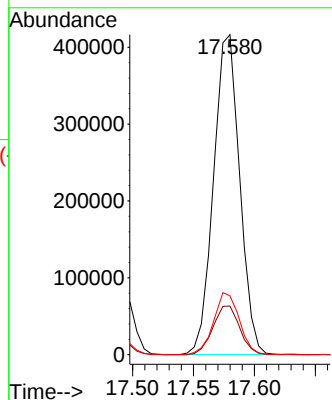
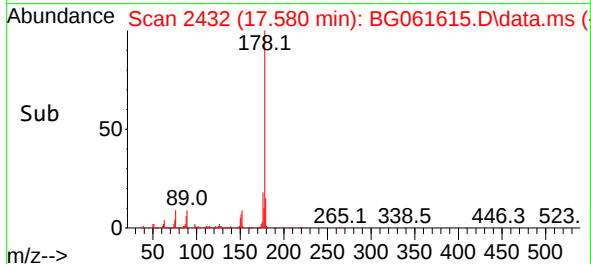
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DG4DL



Tgt Ion:178 Resp: 62094  
 Ion Ratio Lower Upper  
 178 100  
 179 15.2 11.4 17.2  
 176 18.4 14.7 22.1

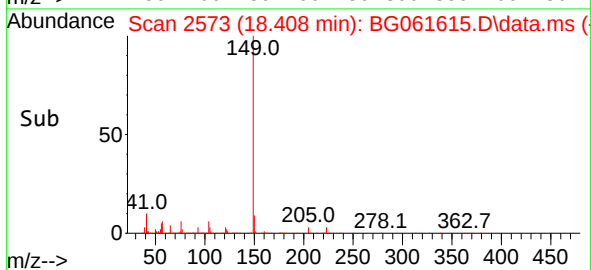
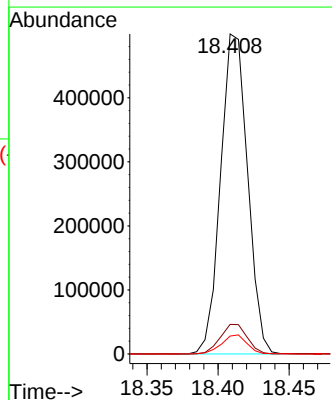
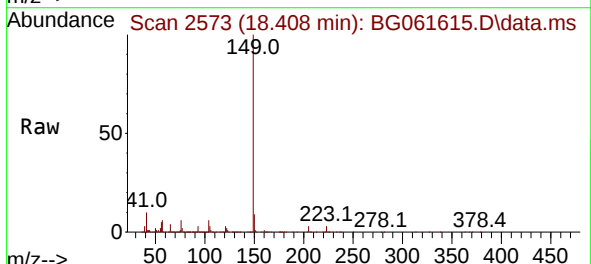
Manual Integrations  
 APPROVED

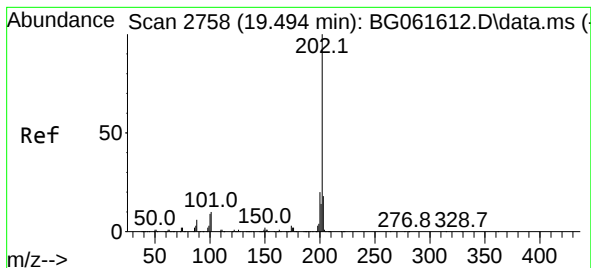
Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :mohammad ahmed 06/24/2024



#78  
 Di-n-butylphthalate  
 Concen: 29.830 ng/ul  
 RT: 18.408 min Scan# 2573  
 Delta R.T. -0.009 min  
 Lab File: BG061615.D  
 Acq: 21 Jun 2024 11:22

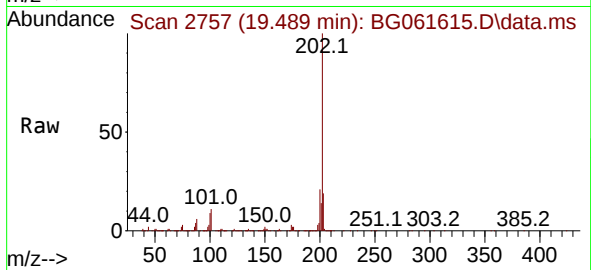
Tgt Ion:149 Resp: 661505  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 6.7 10.1  
 104 5.6 4.6 6.8





#80  
Fluoranthene  
Concen: 22.181 ng/ul  
RT: 19.489 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

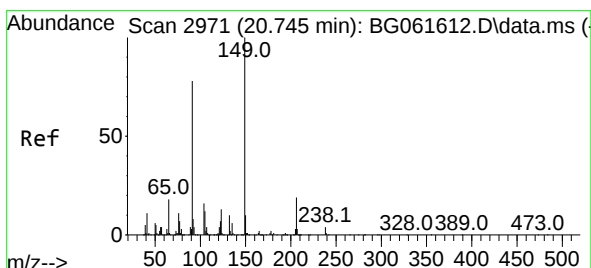
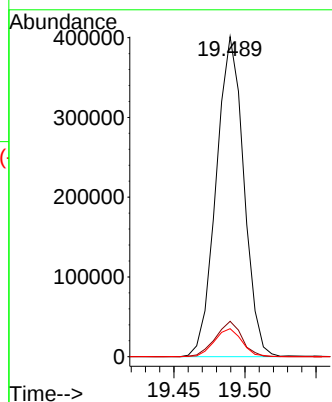
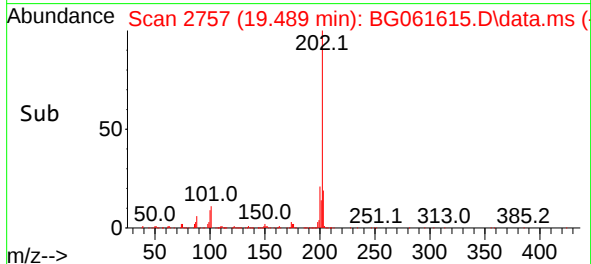
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:202 Resp: 54236  
Ion Ratio Lower Upper  
202 100  
101 11.0 7.8 11.6  
100 8.8 7.7 11.5

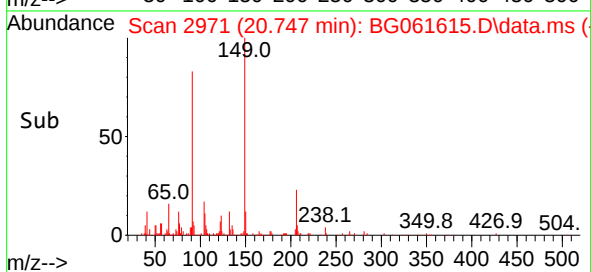
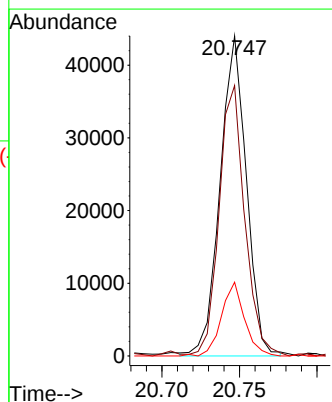
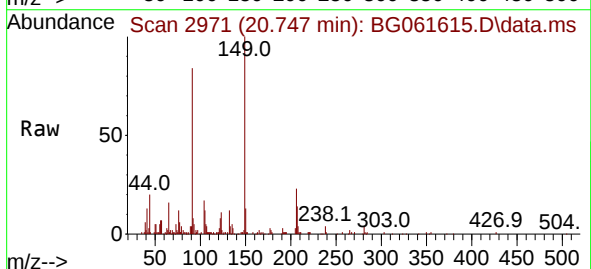
Manual Integrations  
APPROVED

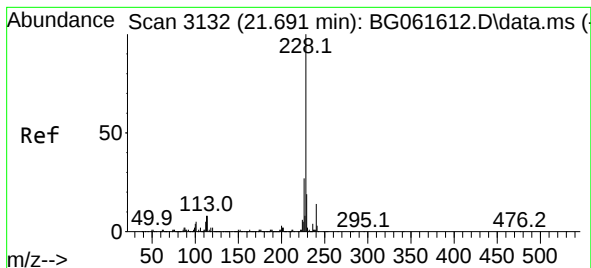
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#83  
Butylbenzylphthalate  
Concen: 5.483 ng/ul  
RT: 20.747 min Scan# 2971  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

Tgt Ion:149 Resp: 51904  
Ion Ratio Lower Upper  
149 100  
91 84.5 68.1 102.1  
206 23.0 17.9 26.9





#85

Benzo(a)anthracene

Concen: 15.328 ng/ul

RT: 21.687 min Scan# 3131

Delta R.T. -0.003 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

Instrument :

BNA\_G

ClientSampleId :

A4DG4DL

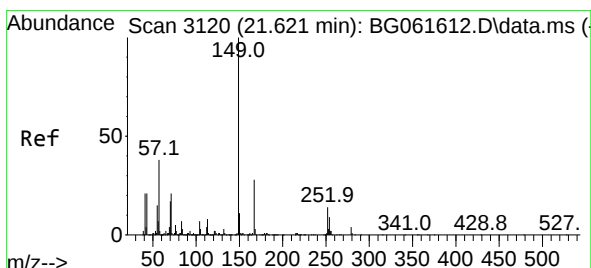
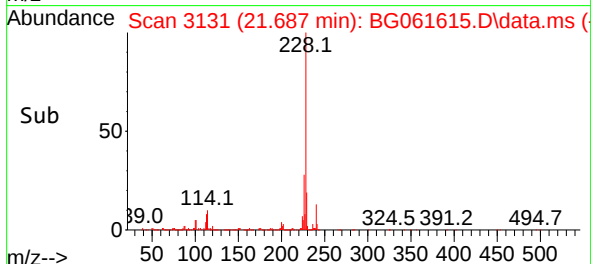
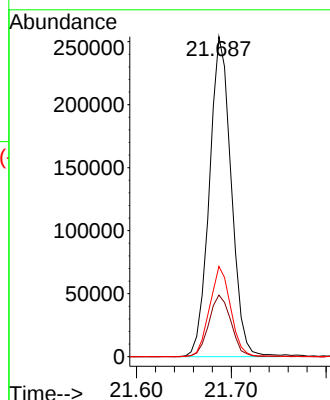
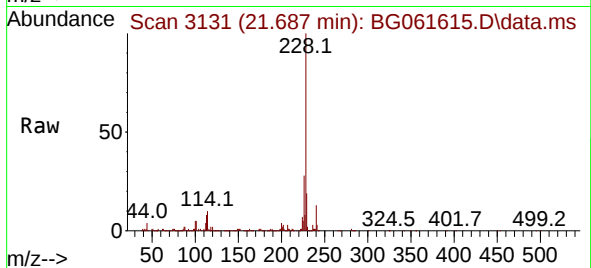
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 40592 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 19.3  | 15.8  | 23.8  |
| 226       | 28.2  | 21.4  | 32.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 70.059 ng/ul

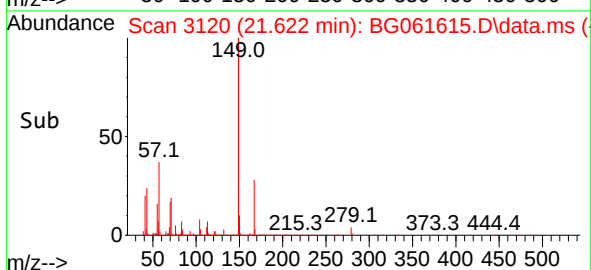
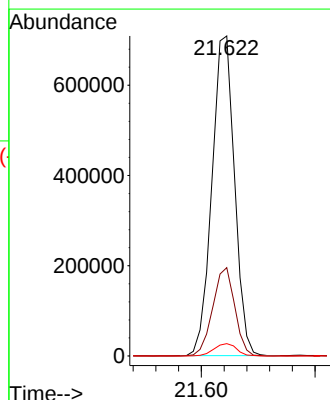
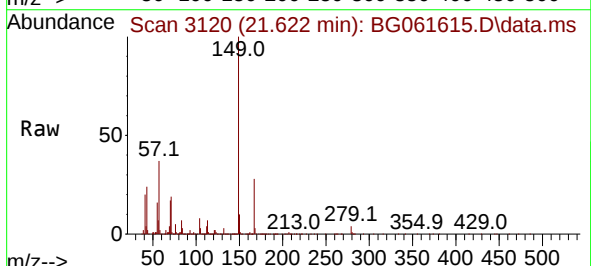
RT: 21.622 min Scan# 3120

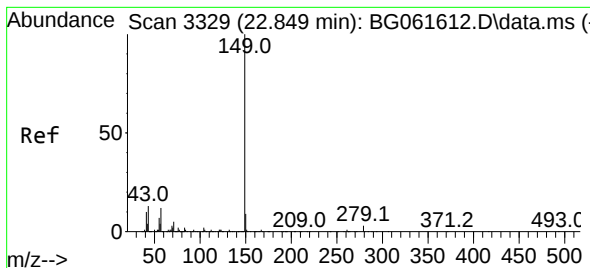
Delta R.T. -0.003 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 974854 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.6  | 20.5  | 30.7   |
| 279       | 3.8   | 2.9   | 4.3    |





#89

Di-n-octyl phthalate

Concen: 37.724 ng/ul

RT: 22.850 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

Instrument :

BNA\_G

ClientSampleId :

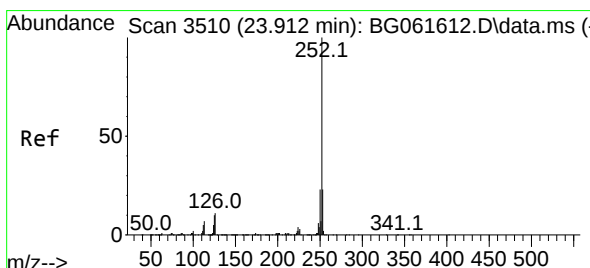
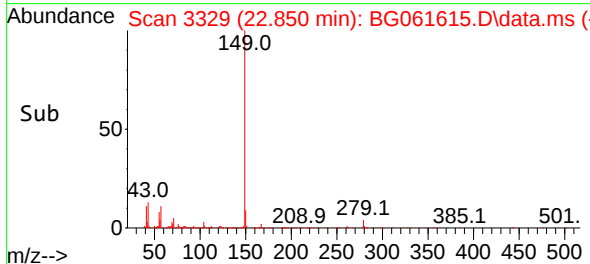
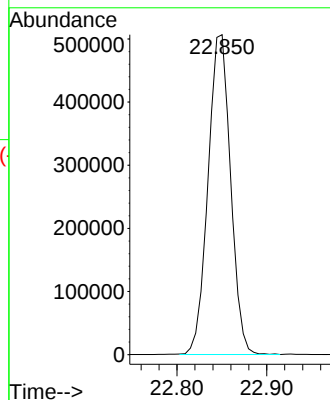
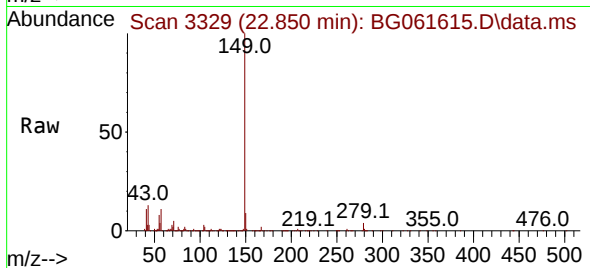
A4DG4DL

Tgt Ion:149 Resp: 88271

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 11.855 ng/ul m

RT: 23.908 min Scan# 3509

Delta R.T. -0.009 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

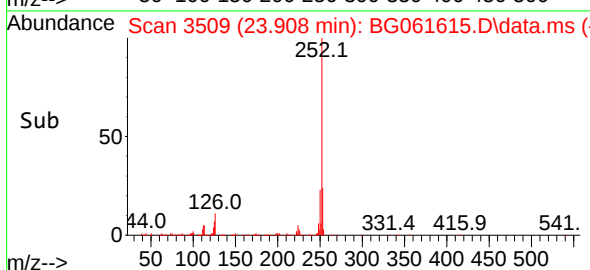
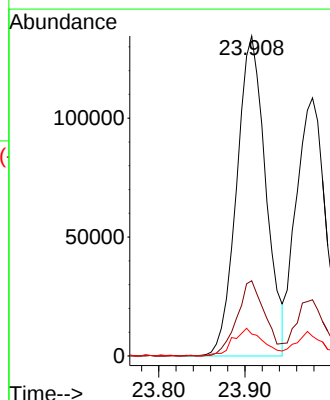
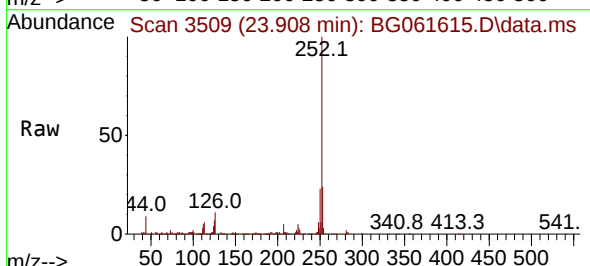
Tgt Ion:252 Resp: 316166

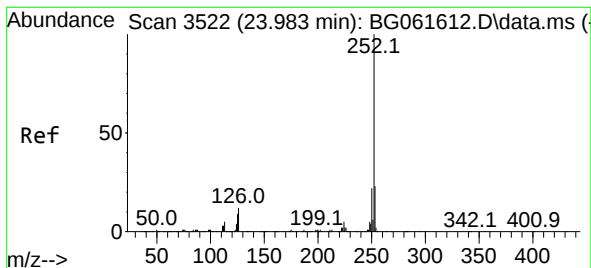
Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

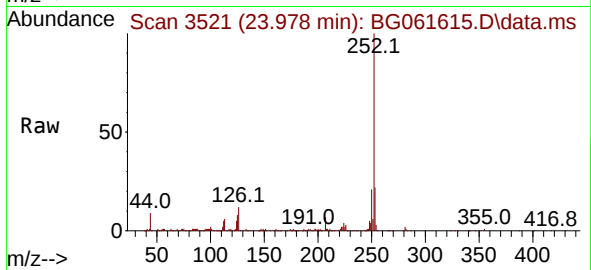
125 6.9 7.0 10.6#





#91  
Benzo(k)fluoranthene  
Concen: 9.195 ng/u1  
RT: 23.978 min Scan# 3521  
Delta R.T. -0.003 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

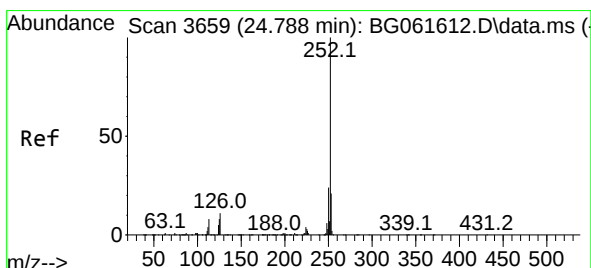
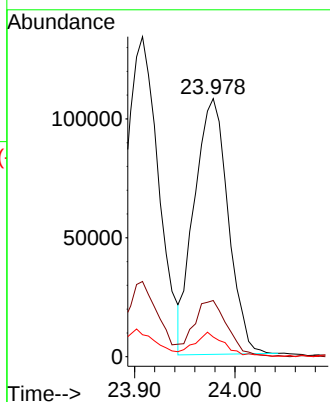
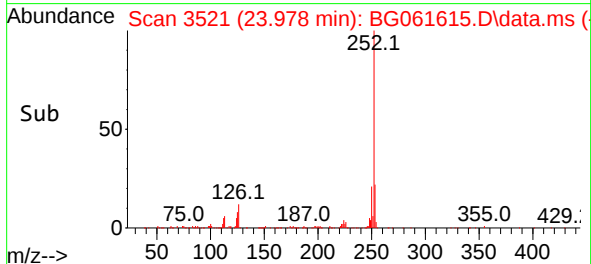
Instrument :  
BNA\_G  
ClientSampleId :  
A4DG4DL



Tgt Ion:252 Resp: 25218  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 7.6 6.2 9.2

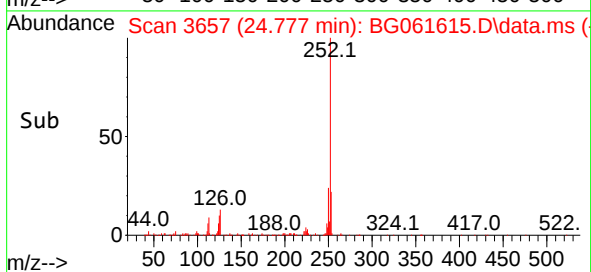
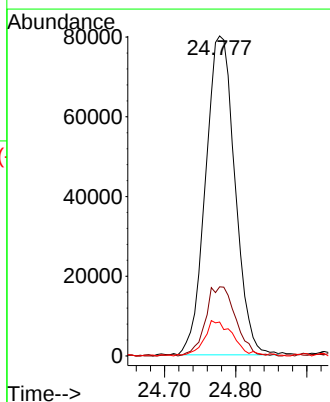
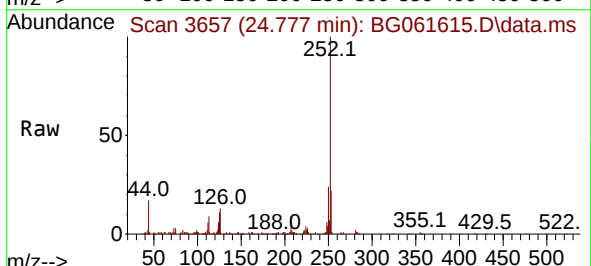
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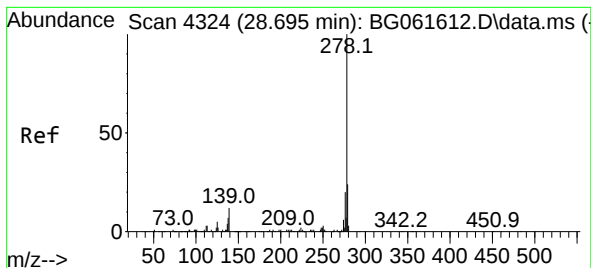
Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



#93  
Benzo(a)pyrene  
Concen: 8.929 ng/u1  
RT: 24.777 min Scan# 3657  
Delta R.T. -0.015 min  
Lab File: BG061615.D  
Acq: 21 Jun 2024 11:22

Tgt Ion:252 Resp: 229255  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.8 25.2  
125 10.6 6.5 9.7#





#95

Dibenzo(a,h)anthracene

Concen: 6.860 ng/ul

RT: 28.685 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

Instrument :

BNA\_G

ClientSampleId :

A4DG4DL

Tgt Ion:278 Resp: 182490

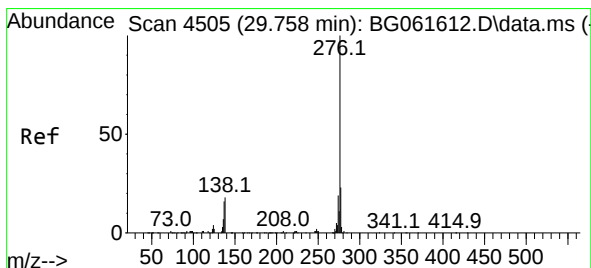
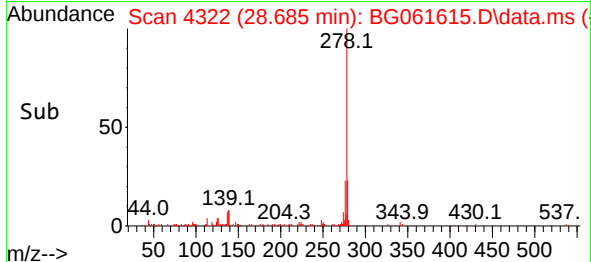
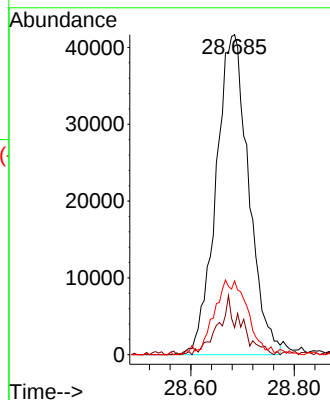
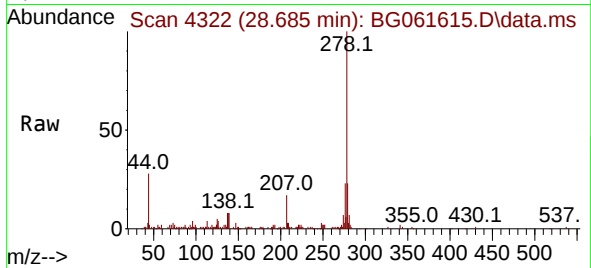
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.4   | 9.1   | 13.7  |
| 279 | 23.0  | 18.6  | 28.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#96

Benzo(g,h,i)perylene

Concen: 17.177 ng/ul

RT: 29.742 min Scan# 4502

Delta R.T. -0.015 min

Lab File: BG061615.D

Acq: 21 Jun 2024 11:22

Tgt Ion:276 Resp: 442995

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 17.6  | 12.2  | 18.4  |
| 277 | 21.2  | 18.6  | 27.8  |

