

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062724\  
 Data File : BG061738.D  
 Acq On : 27 Jun 2024 14:05  
 Operator : MA/JU  
 Sample : P2934-24DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK5DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 23:56:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 12:23:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.058  | 152  | 76809    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.867 | 136  | 362294   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.686 | 164  | 237318   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.430 | 188  | 577476   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.695 | 240  | 482679   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.909 | 264  | 534374   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.446  | 96   | 2210m    | 1.039  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.200  | 99   | 43402    | 5.205  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.383  | 67   | 30066    | 5.784  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.582  | 132  | 29913    | 5.228  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.746  | 113  | 32589    | 5.056  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.222  | 128  | 13572    | 5.517  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.944  | 143  | 12788    | 5.133  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.479 | 165  | 40786    | 6.914  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.996 | 131  | 40772    | 4.565  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.092 | 166  | 127200   | 6.965  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.380 | 160  | 134286   | 6.710  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.862 | 143  | 17973    | 5.730  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.679 | 176  | 114905   | 7.187  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.779 | 200  | 12334    | 4.995  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.530 | 188  | 187639   | 7.118  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.809 | 212  | 215925   | 8.009  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.686 | 264  | 181910   | 7.127  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.224  | 94   | 104947   | 11.960 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.477  | 93   | 147812   | 22.381 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.618  | 128  | 55354    | 9.642  | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.857  | 70   | 233283   | 40.914 | ng/u1# | 96       |
| 22) Nitrobenzene              | 9.263  | 77   | 186684   | 26.343 | ng/u1  | 95       |
| 25) 2-Nitrophenol             | 9.974  | 139  | 82137    | 31.527 | ng/u1# | 84       |
| 27) Bis(2-Chloroethoxy)met... | 10.267 | 93   | 197453   | 21.417 | ng/u1  | 95       |
| 29) 2,4-Dichlorophenol        | 10.508 | 162  | 179201   | 33.154 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.130 | 107  | 236944   | 31.348 | ng/u1  | 96       |
| 41) 2,4,6-Trichlorophenol     | 13.117 | 196  | 70643    | 16.302 | ng/u1  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.182 | 196  | 112067   | 23.727 | ng/u1  | 93       |
| 48) 2,6-Dinitrotoluene        | 14.257 | 165  | 69125    | 22.970 | ng/u1  | 92       |
| 52) Acenaphthene              | 14.750 | 153  | 565614   | 36.557 | ng/u1  | 92       |
| 55) 4-Nitrophenol             | 14.880 | 109  | 54532    | 16.836 | ng/u1  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.044 | 165  | 185967   | 41.631 | ng/u1  | 96       |
| 59) Diethylphthalate          | 15.497 | 149  | 277652   | 14.865 | ng/u1  | 97       |
| 61) Fluorene                  | 15.732 | 166  | 463367   | 25.860 | ng/u1  | 94       |
| 68) 4-Bromophenyl-phenylether | 16.619 | 248  | 110163   | 18.528 | ng/u1  | 98       |
| 71) Pentachlorophenol         | 17.071 | 266  | 135215   | 30.763 | ng/u1  | 95       |
| 72) Phenanthrene              | 17.471 | 178  | 749290   | 24.663 | ng/u1  | 98       |
| 74) Anthracene                | 17.565 | 178  | 271780   | 8.748  | ng/u1  | 98       |
| 78) Di-n-butylphthalate       | 18.393 | 149  | 1313965  | 41.648 | ng/u1  | 98       |
| 80) Fluoranthene              | 19.480 | 202  | 667027   | 21.322 | ng/u1  | 98       |
| 82) Pyrene                    | 19.844 | 202  | 1542430  | 46.370 | ng/u1  | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062724\  
 Data File : BG061738.D  
 Acq On : 27 Jun 2024 14:05  
 Operator : MA/JU  
 Sample : P2934-24DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK5DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 23:56:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 12:23:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 83) Butylbenzylphthalate      | 20.732 | 149  | 339185   | 28.006 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.678 | 228  | 588466   | 17.368 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.590 | 149  | 661269   | 37.145 | ng/ul  | 99       |
| 87) Chrysene                  | 21.742 | 228  | 361963   | 11.290 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.812 | 149  | 1275144  | 45.242 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.887 | 252  | 309455   | 9.634  | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.957 | 252  | 499576   | 15.122 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.762 | 252  | 232165   | 7.507  | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.652 | 276  | 346345m  | 8.987  | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.646 | 278  | 885101   | 27.621 | ng/ul  | 99       |
| -----                         |        |      |          |        |        |          |

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

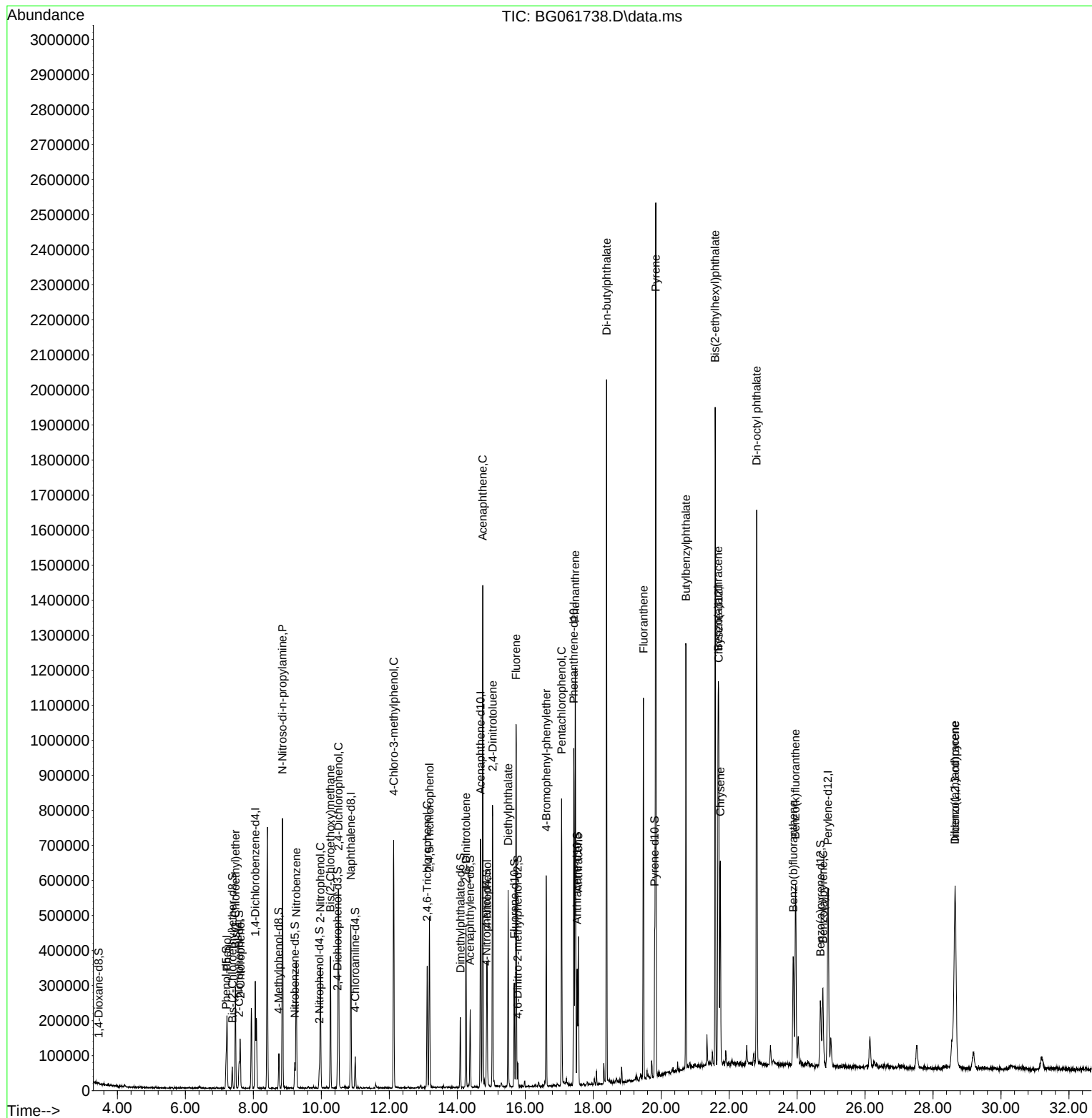
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062724\  
 Data File : BG061738.D  
 Acq On : 27 Jun 2024 14:05  
 Operator : MA/JU  
 Sample : P2934-24DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

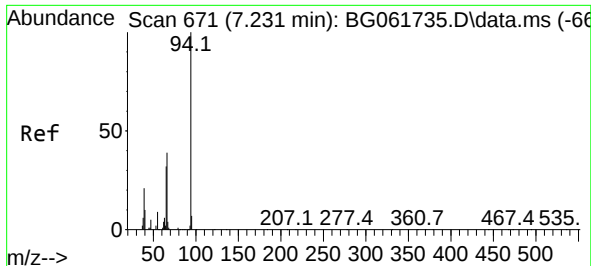
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK5DL

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :mohammad ahmed 06/29/2024

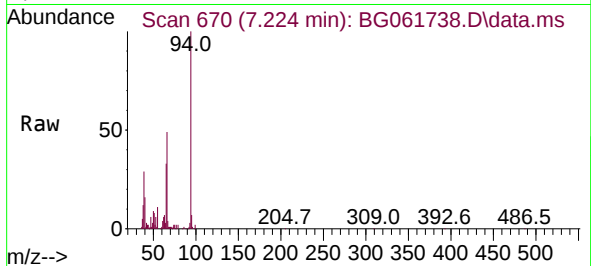
Quant Time: Jun 27 23:56:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 12:23:53 2024  
 Response via : Initial Calibration





#8  
Phenol  
Concen: 11.960 ng/ul  
RT: 7.224 min Scan# 671  
Delta R.T. -0.007 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

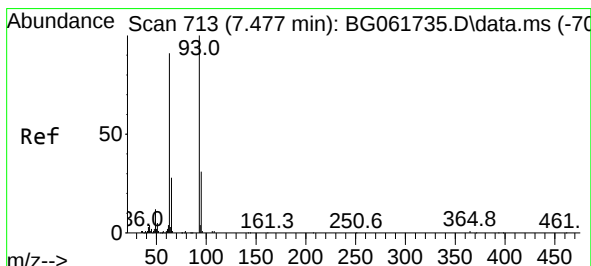
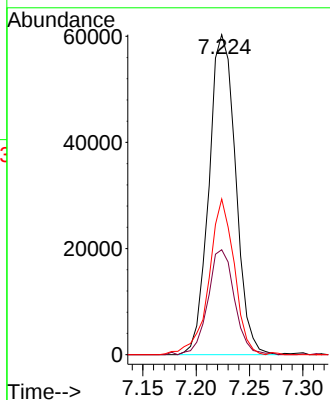
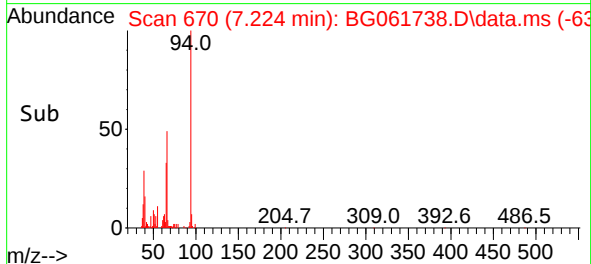
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion: 94 Resp: 10494  
Ion Ratio Lower Upper  
94 100  
65 32.8 25.8 38.6  
66 48.7 36.9 55.3

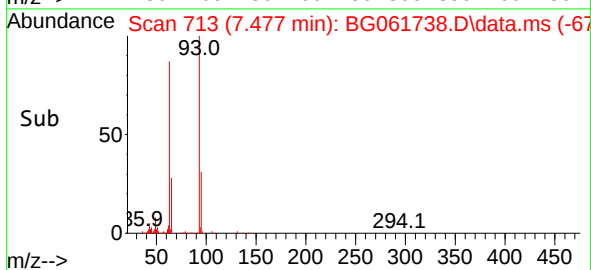
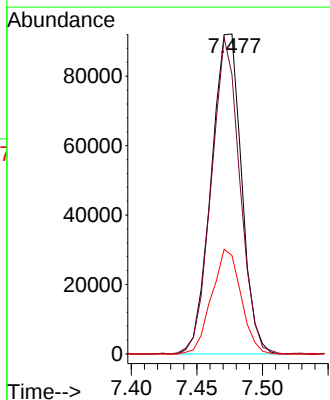
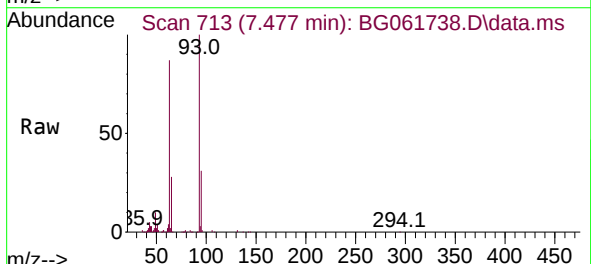
Manual Integrations  
APPROVED

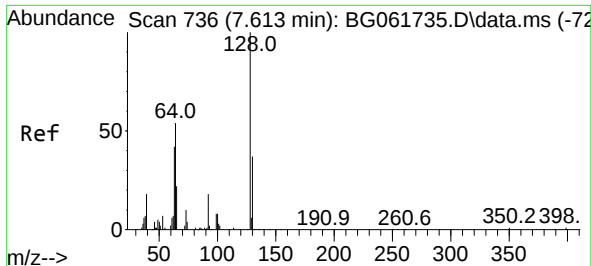
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#10  
Bis(2-Chloroethyl)ether  
Concen: 22.381 ng/ul  
RT: 7.477 min Scan# 713  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

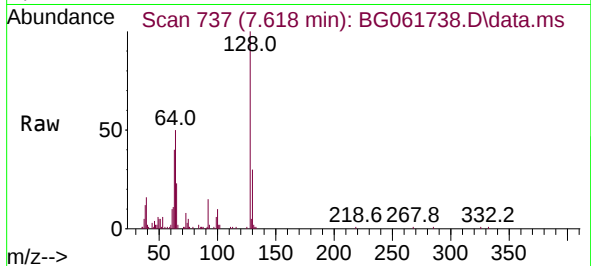
Tgt Ion: 93 Resp: 147812  
Ion Ratio Lower Upper  
93 100  
63 87.3 72.5 108.7  
95 30.8 21.8 32.8





#12  
2-Chlorophenol  
Concen: 9.642 ng/ul  
RT: 7.618 min Scan# 71  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

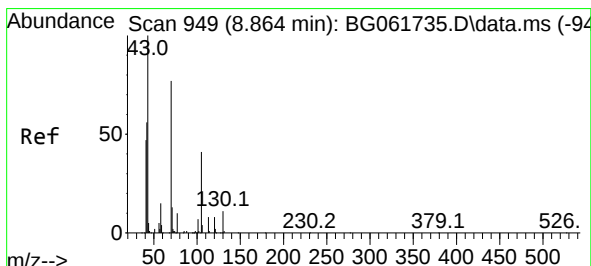
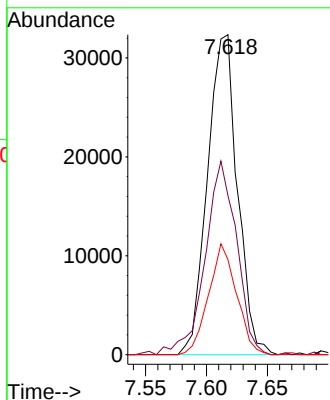
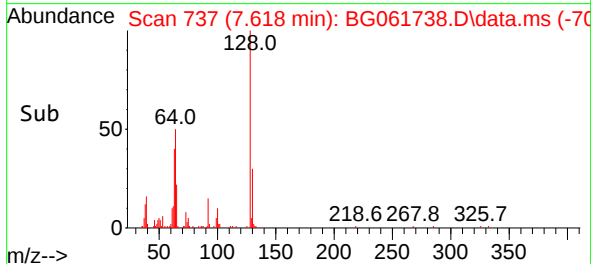
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:128 Resp: 55354  
Ion Ratio Lower Upper  
128 100  
64 49.7 43.2 64.8  
130 29.7 24.1 36.1

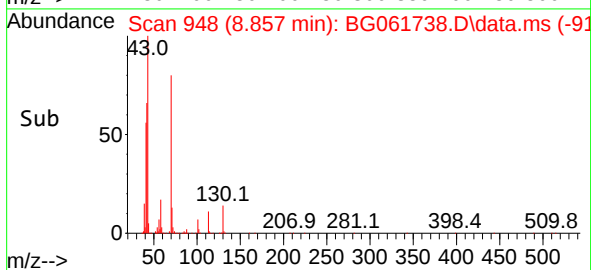
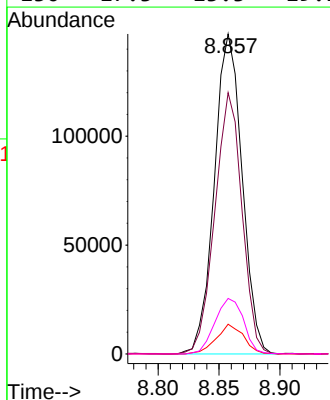
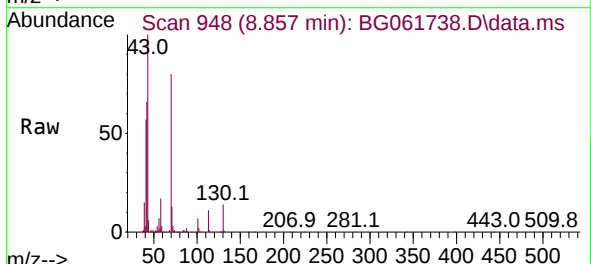
Manual Integrations  
APPROVED

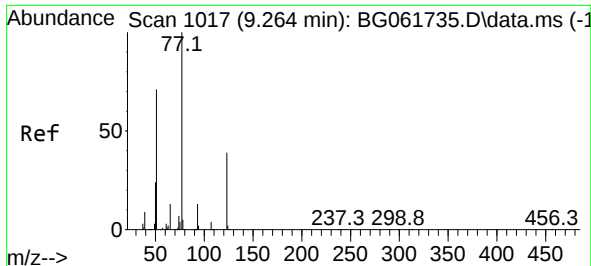
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 40.914 ng/ul  
RT: 8.857 min Scan# 948  
Delta R.T. -0.007 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

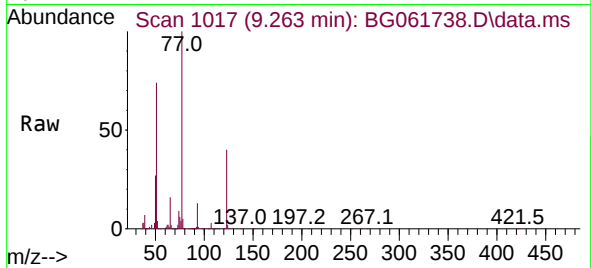
Tgt Ion: 70 Resp: 233283  
Ion Ratio Lower Upper  
70 100  
42 81.7 62.7 94.1  
101 9.3 5.8 8.8#  
130 17.3 13.3 19.9





#22  
Nitrobenzene  
Concen: 26.343 ng/ul  
RT: 9.263 min Scan# 1017  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

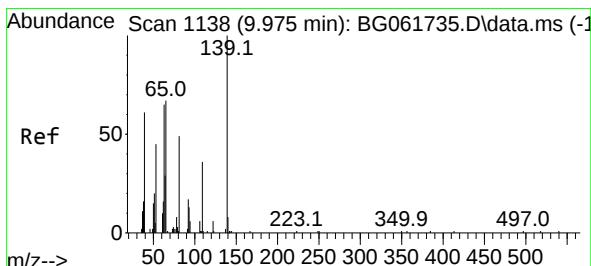
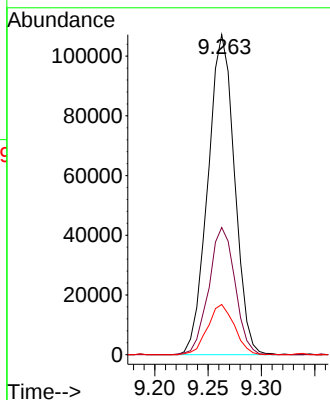
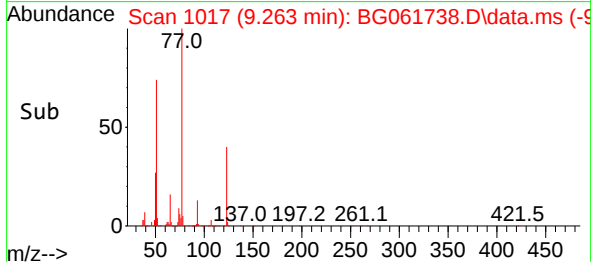
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion: 77 Resp: 186684  
Ion Ratio Lower Upper  
77 100  
123 39.7 29.0 43.6  
65 15.7 11.0 16.6

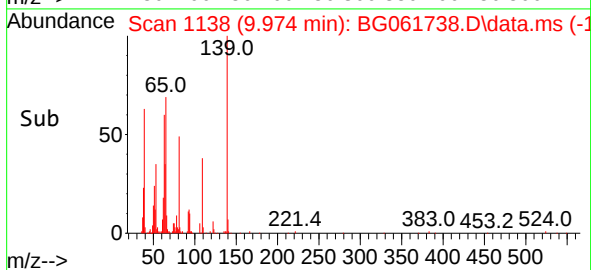
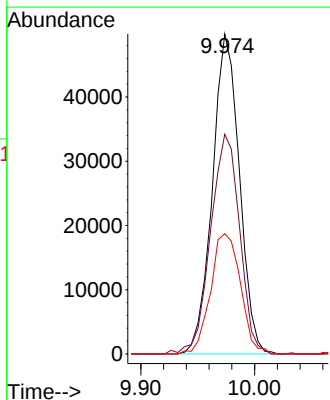
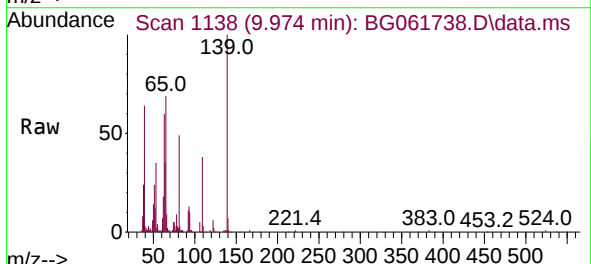
Manual Integrations  
APPROVED

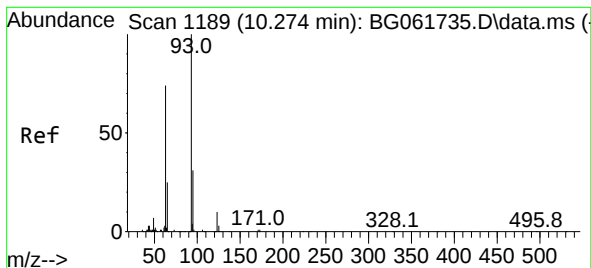
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#25  
2-Nitrophenol  
Concen: 31.527 ng/ul  
RT: 9.974 min Scan# 1138  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:139 Resp: 82137  
Ion Ratio Lower Upper  
139 100  
65 68.7 42.2 63.4#  
109 37.6 27.0 40.4





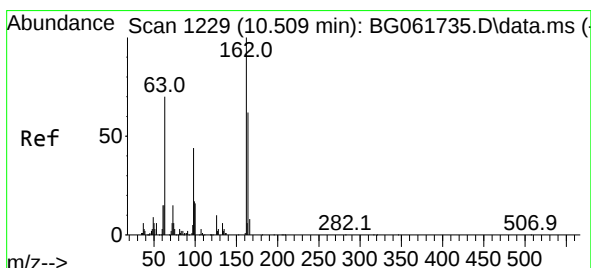
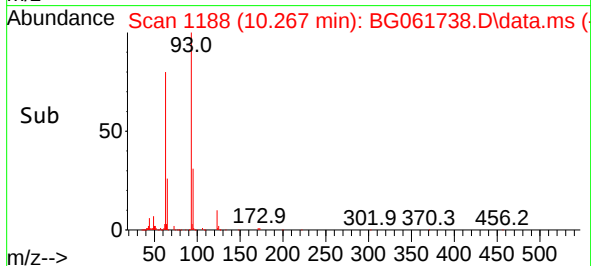
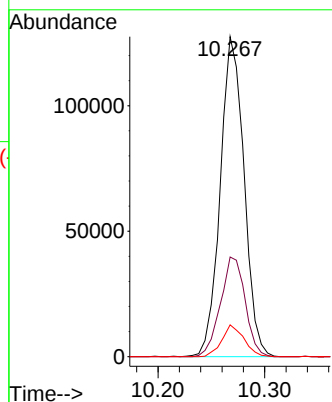
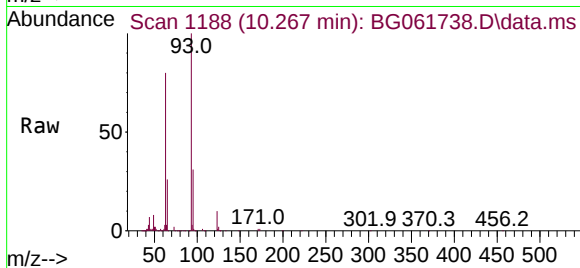
#27  
Bis(2-Chloroethoxy)methane  
Concen: 21.417 ng/ul  
RT: 10.267 min Scan# 1188  
Delta R.T. -0.007 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL

Tgt Ion: 93 Resp: 19745  
Ion Ratio Lower Upper  
93 100  
95 31.1 27.4 41.2  
123 10.0 6.7 10.1

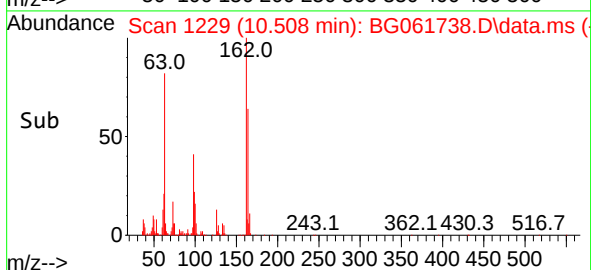
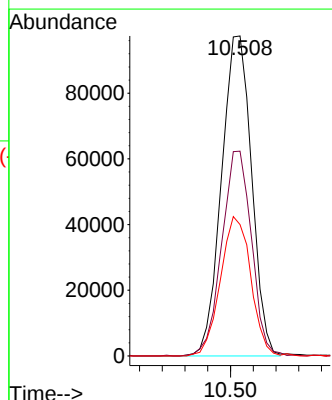
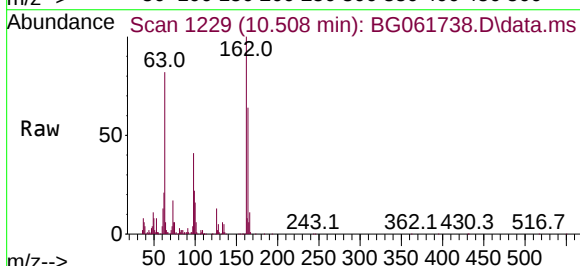
Manual Integrations  
APPROVED

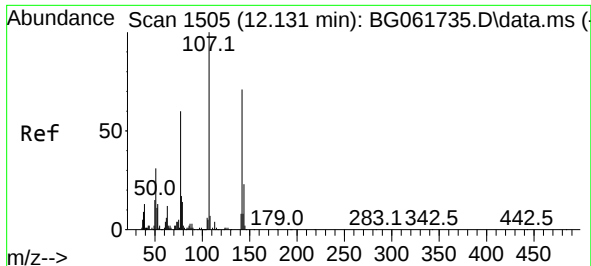
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#29  
2,4-Dichlorophenol  
Concen: 33.154 ng/ul  
RT: 10.508 min Scan# 1229  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:162 Resp: 179201  
Ion Ratio Lower Upper  
162 100  
164 64.0 51.7 77.5  
98 41.1 34.9 52.3





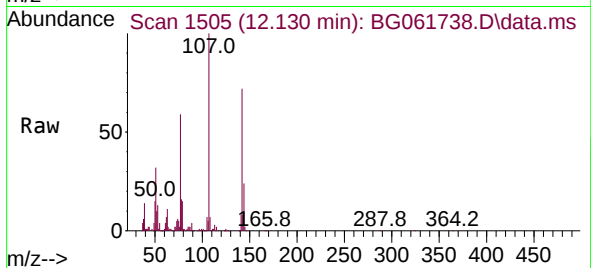
#35  
4-Chloro-3-methylphenol  
Concen: 31.348 ng/ul  
RT: 12.130 min Scan# 1505  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Instrument :

BNA\_G

ClientSampleId :

A4DK5DL



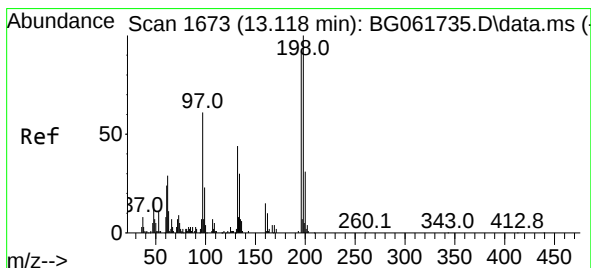
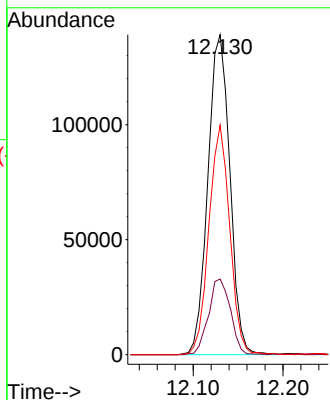
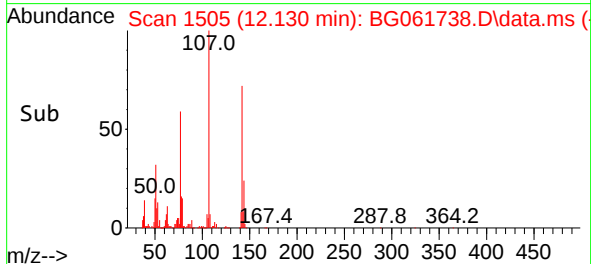
Tgt Ion:107 Resp: 236944  
Ion Ratio Lower Upper  
107 100  
144 23.7 19.6 29.4  
142 71.7 60.2 90.4

Manual Integrations

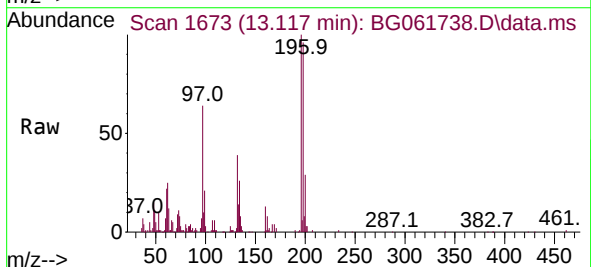
APPROVED

Reviewed By :Yogesh Patel 06/28/2024

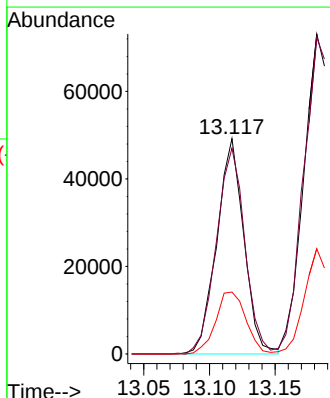
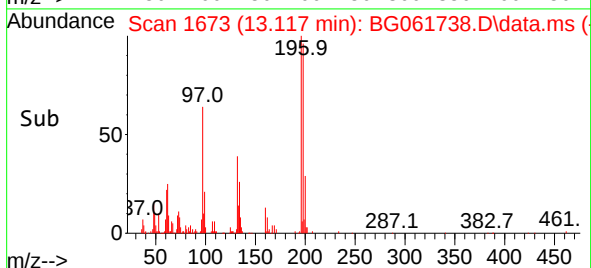
Supervised By :mohammad ahmed 06/29/2024

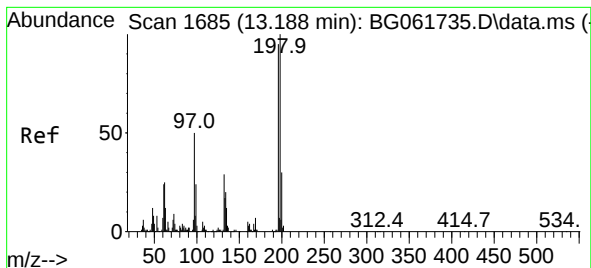


#41  
2,4,6-Trichlorophenol  
Concen: 16.302 ng/ul  
RT: 13.117 min Scan# 1673  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05



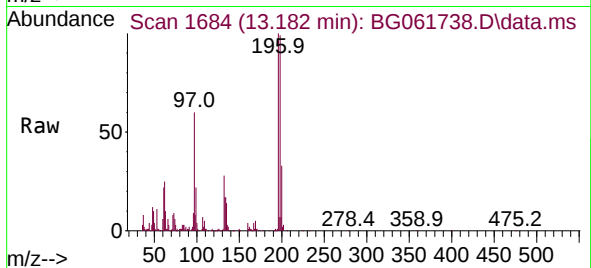
Tgt Ion:196 Resp: 70643  
Ion Ratio Lower Upper  
196 100  
198 95.5 73.1 109.7  
200 28.8 26.4 39.6





#42  
2,4,5-Trichlorophenol  
Concen: 23.727 ng/ul  
RT: 13.182 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

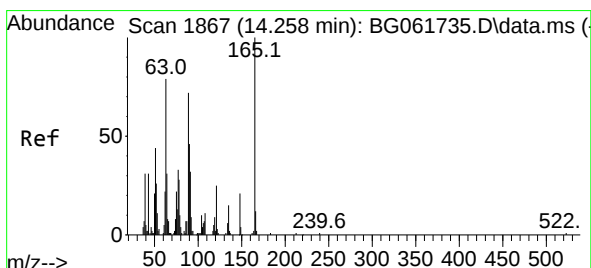
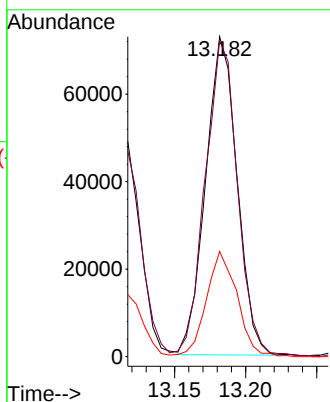
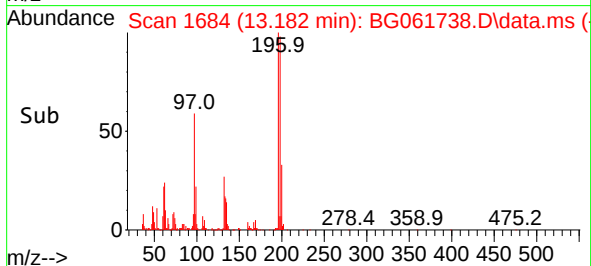
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:196 Resp: 11206  
Ion Ratio Lower Upper  
196 100  
198 98.9 72.7 109.1  
200 32.9 27.0 40.6

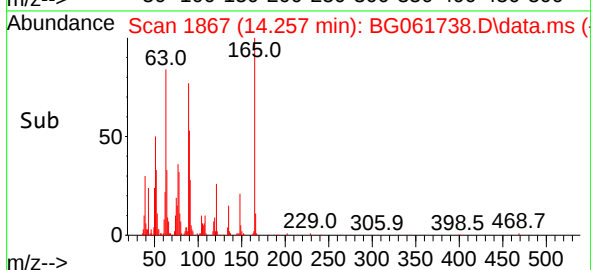
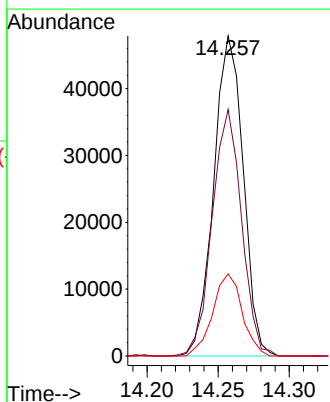
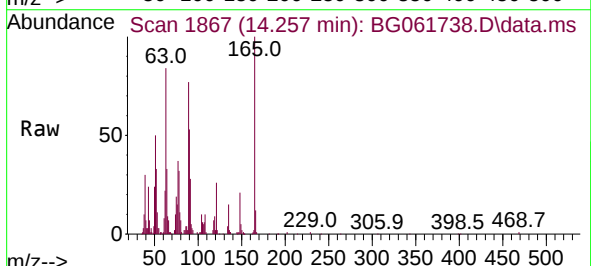
Manual Integrations  
APPROVED

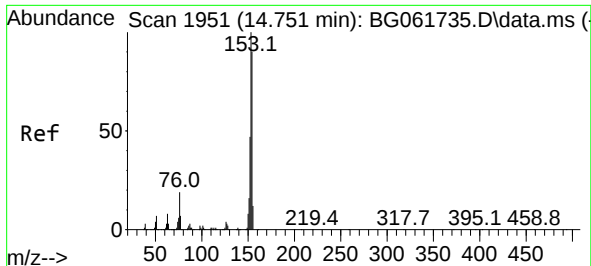
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#48  
2,6-Dinitrotoluene  
Concen: 22.970 ng/ul  
RT: 14.257 min Scan# 1867  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

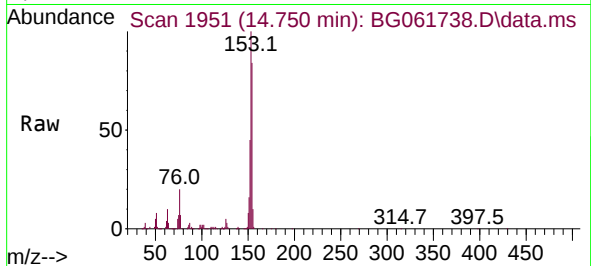
Tgt Ion:165 Resp: 69125  
Ion Ratio Lower Upper  
165 100  
89 77.0 55.9 83.9  
121 25.7 23.4 35.2





#52  
Acenaphthene  
Concen: 36.557 ng/ul  
RT: 14.750 min Scan# 1951  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

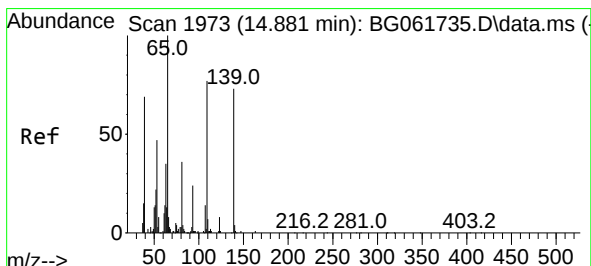
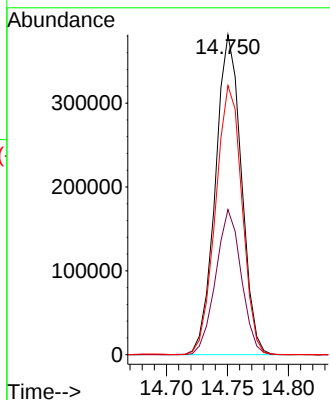
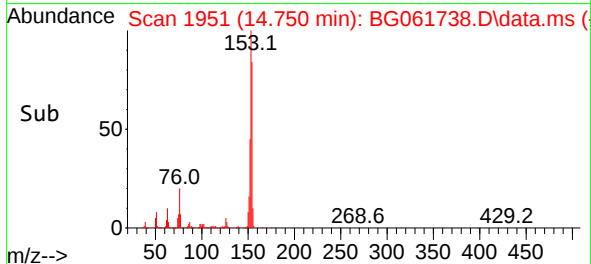
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:153 Resp: 565614  
Ion Ratio Lower Upper  
153 100  
152 45.4 40.0 60.0  
154 84.1 74.1 111.1

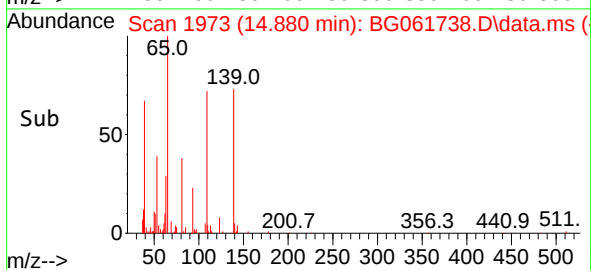
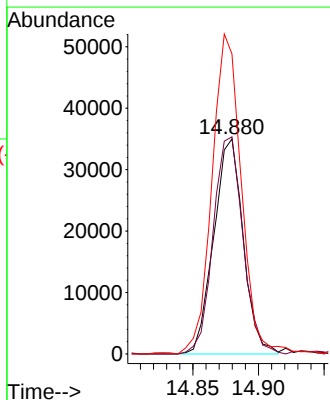
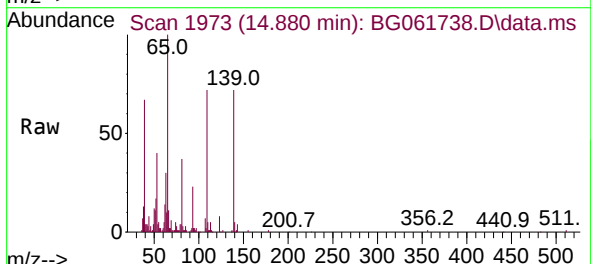
Manual Integrations  
APPROVED

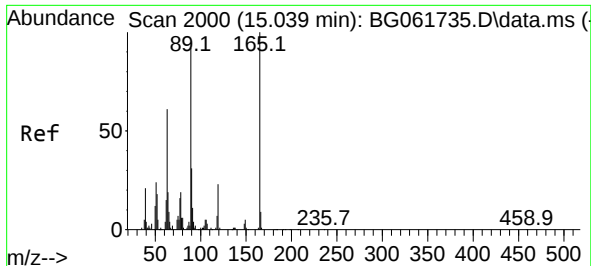
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#55  
4-Nitrophenol  
Concen: 16.836 ng/ul  
RT: 14.880 min Scan# 1973  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:109 Resp: 54532  
Ion Ratio Lower Upper  
109 100  
139 101.0 77.1 115.7  
65 139.5 110.9 166.3





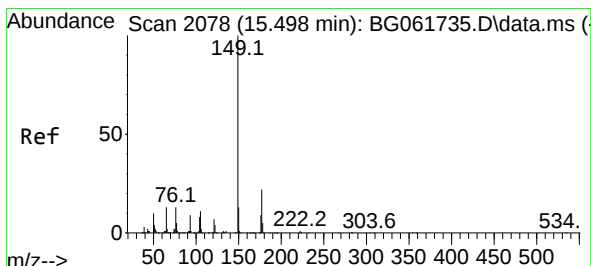
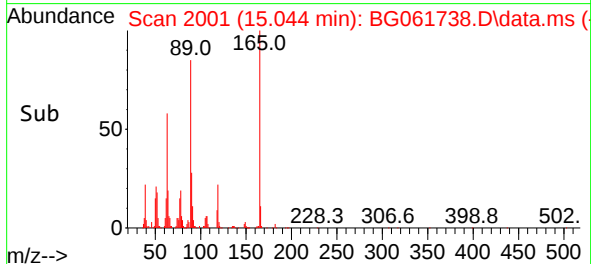
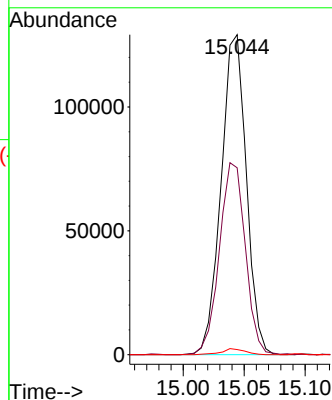
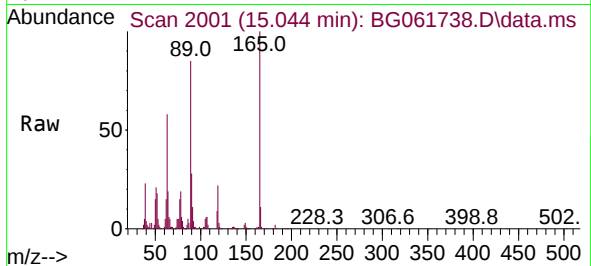
#57  
2,4-Dinitrotoluene  
Concen: 41.631 ng/ul  
RT: 15.044 min Scan# 2000  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL

Tgt Ion:165 Resp: 18596  
Ion Ratio Lower Upper  
165 100  
63 58.4 49.4 74.0  
182 1.6 1.6 2.4

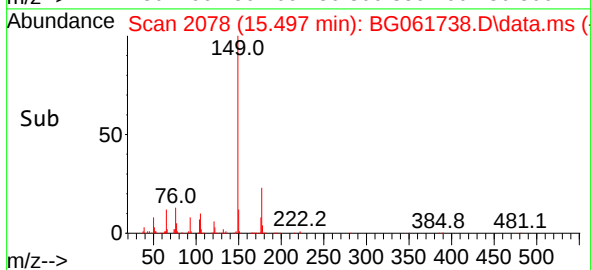
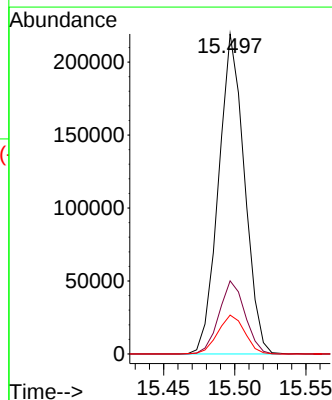
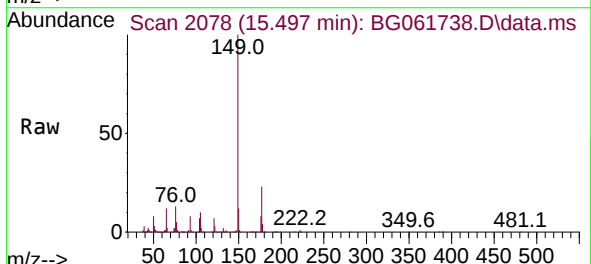
Manual Integrations  
APPROVED

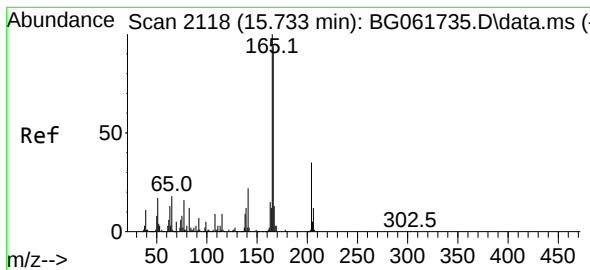
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#59  
Diethylphthalate  
Concen: 14.865 ng/ul  
RT: 15.497 min Scan# 2078  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

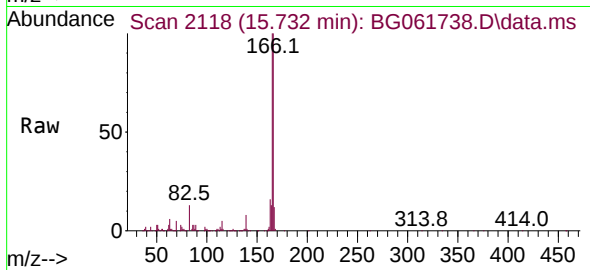
Tgt Ion:149 Resp: 277652  
Ion Ratio Lower Upper  
149 100  
177 22.9 19.6 29.4  
150 12.1 9.2 13.8





#61  
Fluorene  
Concen: 25.860 ng/ul  
RT: 15.732 min Scan# 2118  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

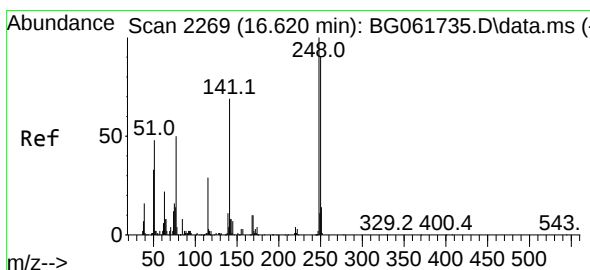
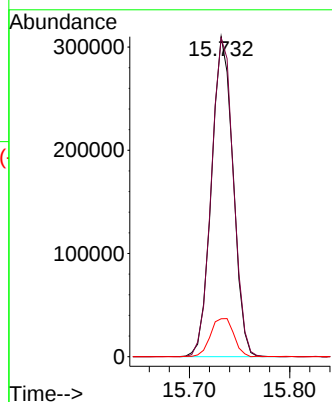
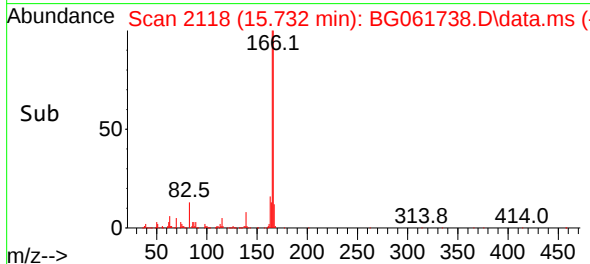
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



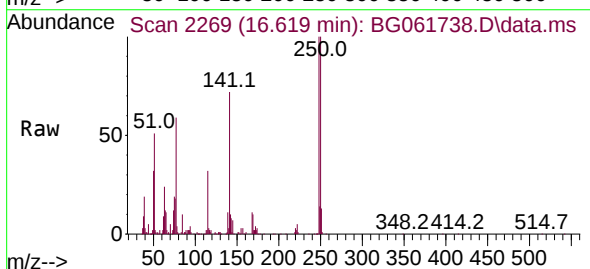
Tgt Ion:166 Resp: 46336  
Ion Ratio Lower Upper  
166 100  
165 99.6 84.9 127.3  
167 11.8 10.9 16.3

Manual Integrations  
APPROVED

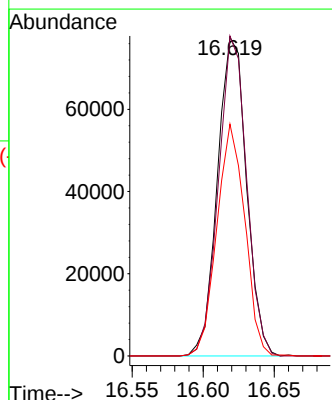
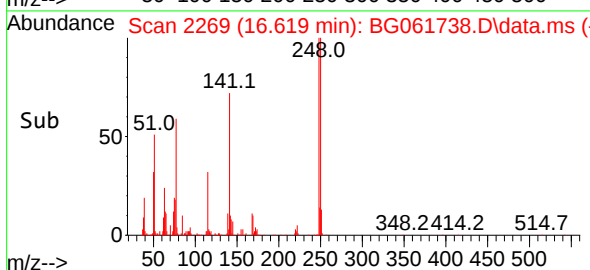
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024

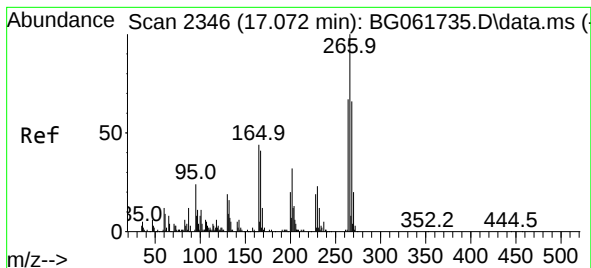


#68  
4-Bromophenyl-phenylether  
Concen: 18.528 ng/ul  
RT: 16.619 min Scan# 2269  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05



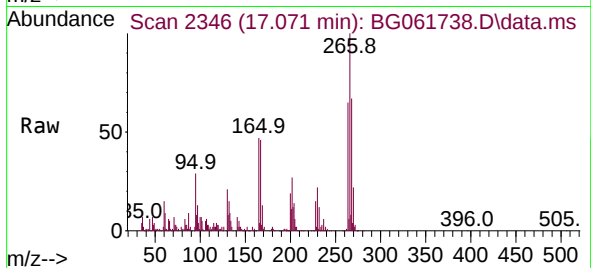
Tgt Ion:248 Resp: 110163  
Ion Ratio Lower Upper  
248 100  
250 100.4 82.1 123.1  
141 72.8 57.6 86.4





#71  
 Pentachlorophenol  
 Concen: 30.763 ng/ul  
 RT: 17.071 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG061738.D  
 Acq: 27 Jun 2024 14:05

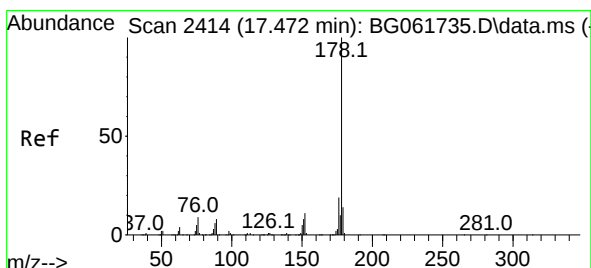
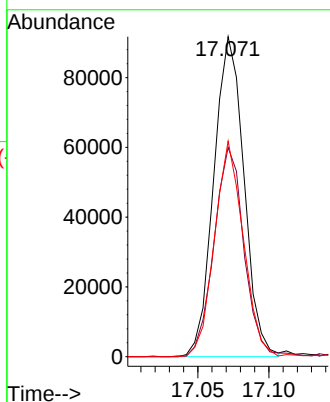
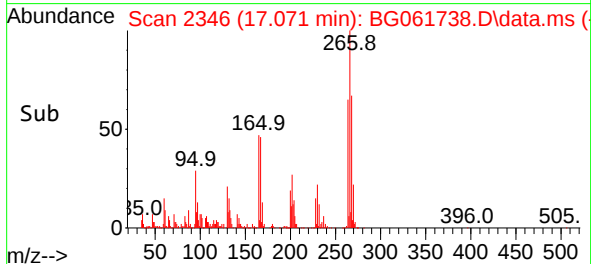
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK5DL



Tgt Ion:266 Resp: 135215  
 Ion Ratio Lower Upper  
 266 100  
 264 65.4 52.5 78.7  
 268 67.4 47.5 71.3

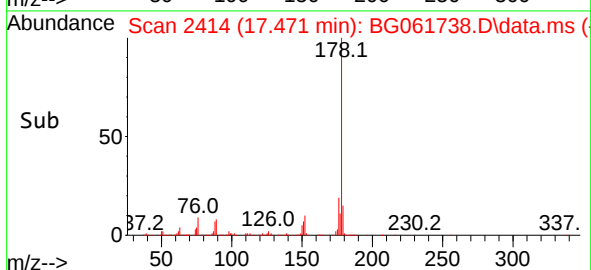
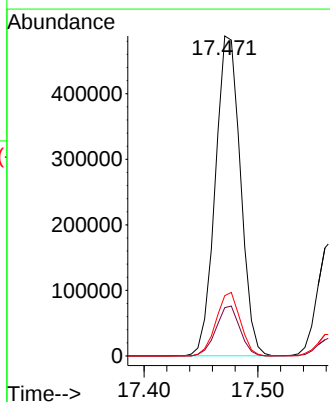
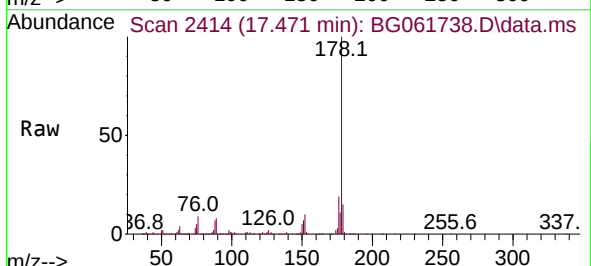
Manual Integrations  
 APPROVED

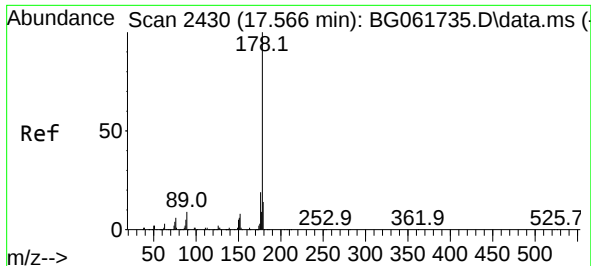
Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :mohammad ahmed 06/29/2024



#72  
 Phenanthrene  
 Concen: 24.663 ng/ul  
 RT: 17.471 min Scan# 2414  
 Delta R.T. -0.001 min  
 Lab File: BG061738.D  
 Acq: 27 Jun 2024 14:05

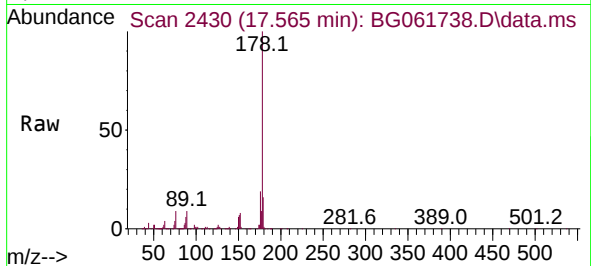
Tgt Ion:178 Resp: 749290  
 Ion Ratio Lower Upper  
 178 100  
 179 15.1 12.0 18.0  
 176 18.8 16.2 24.2





#74  
Anthracene  
Concen: 8.748 ng/ul  
RT: 17.565 min Scan# 2430  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

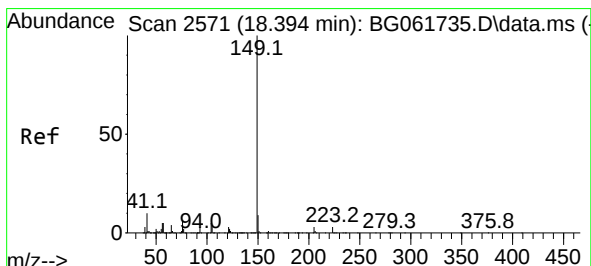
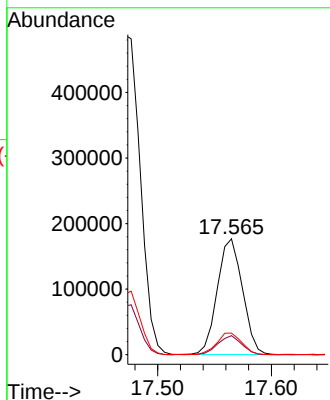
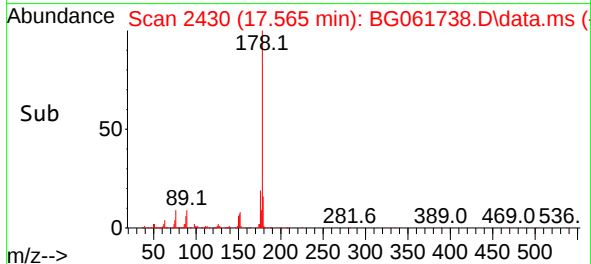
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:178 Resp: 271780  
Ion Ratio Lower Upper  
178 100  
179 16.4 11.4 17.2  
176 18.6 14.7 22.1

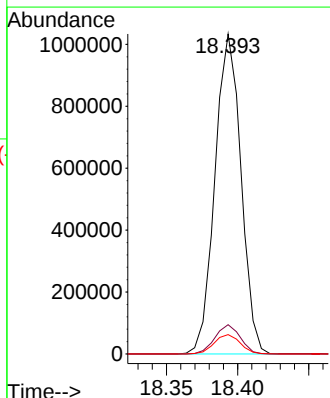
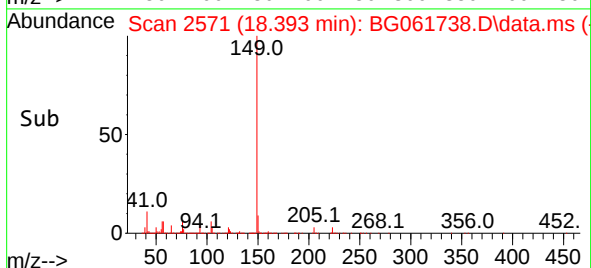
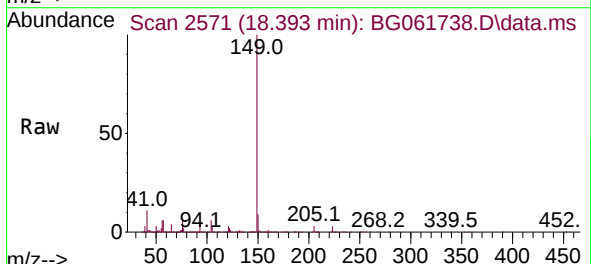
Manual Integrations  
APPROVED

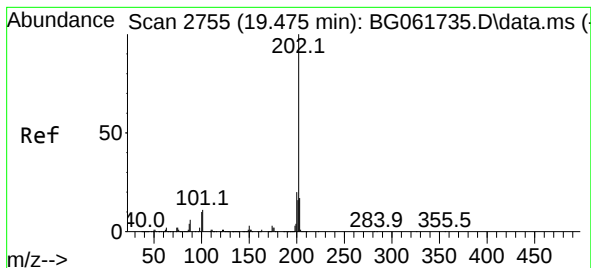
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#78  
Di-n-butylphthalate  
Concen: 41.648 ng/ul  
RT: 18.393 min Scan# 2571  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:149 Resp: 1313965  
Ion Ratio Lower Upper  
149 100  
150 9.2 6.7 10.1  
104 6.1 4.6 6.8





#80

Fluoranthene

Concen: 21.322 ng/u1

RT: 19.480 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA\_G

ClientSampleId :

A4DK5DL

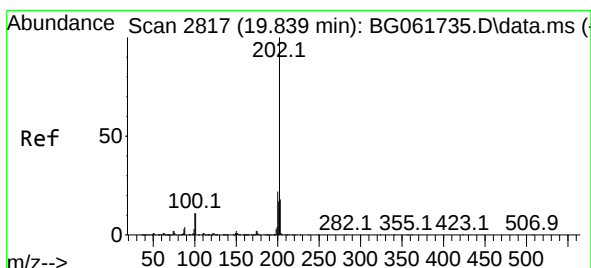
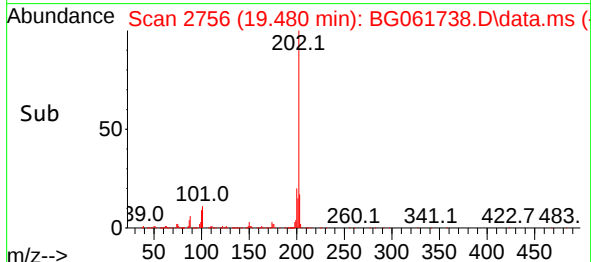
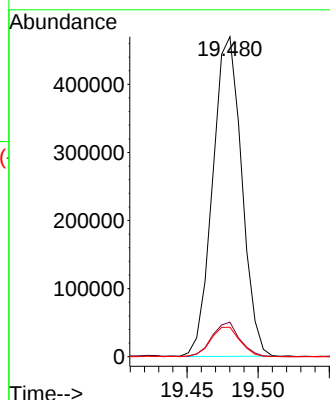
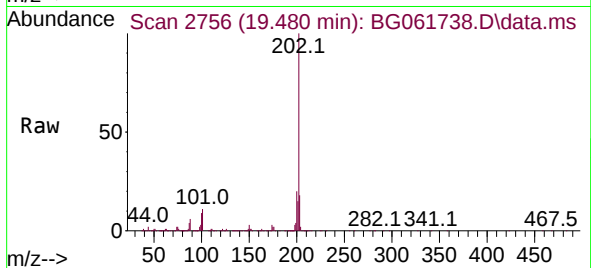
Tgt Ion:202 Resp: 66702  
 Ion Ratio Lower Upper  
 202 100  
 101 10.8 7.8 11.6  
 100 9.2 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#82

Pyrene

Concen: 46.370 ng/u1

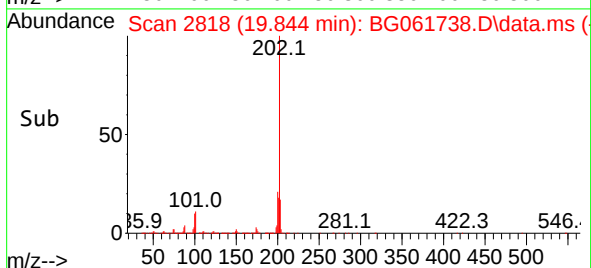
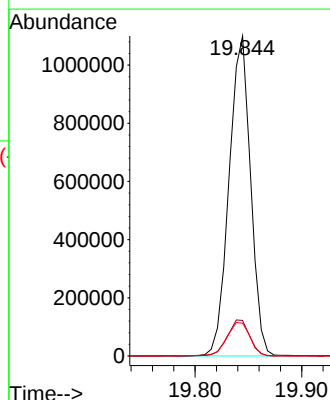
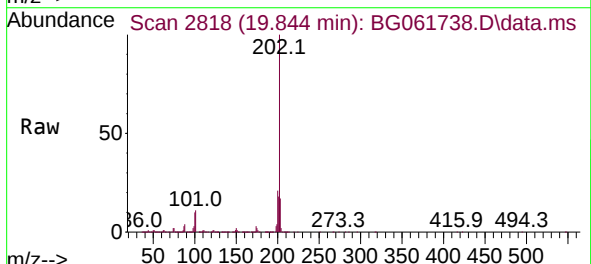
RT: 19.844 min Scan# 2818

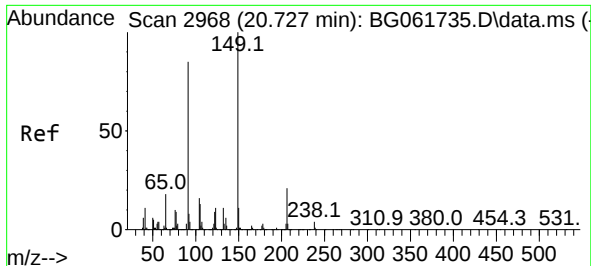
Delta R.T. 0.005 min

Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

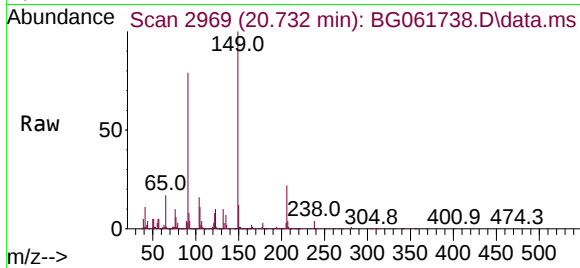
Tgt Ion:202 Resp: 1542430  
 Ion Ratio Lower Upper  
 202 100  
 101 11.1 10.1 15.1  
 100 10.3 9.9 14.9





#83  
Butylbenzylphthalate  
Concen: 28.006 ng/ul  
RT: 20.732 min Scan# 2968  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

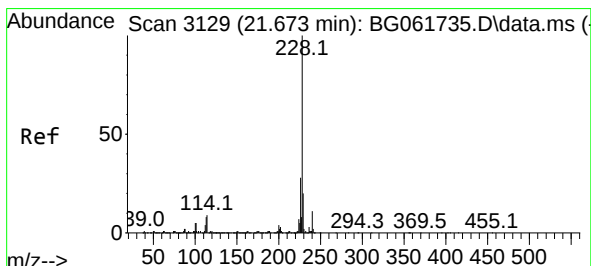
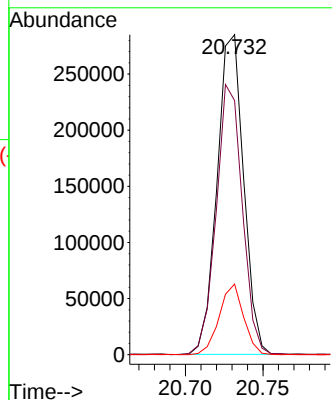
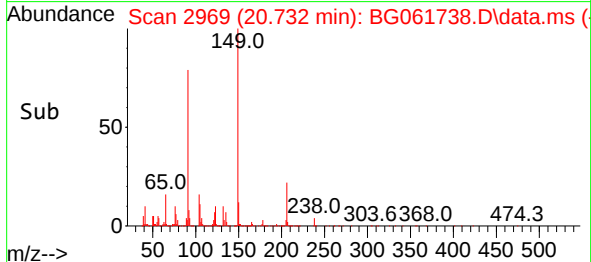
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:149 Resp: 33918  
Ion Ratio Lower Upper  
149 100  
91 79.4 68.1 102.1  
206 22.0 17.9 26.9

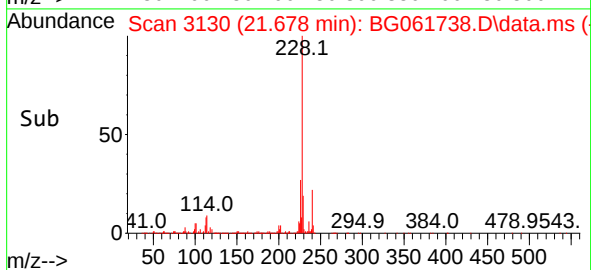
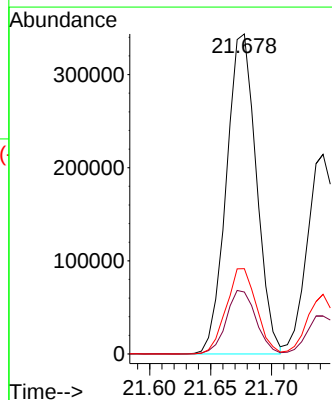
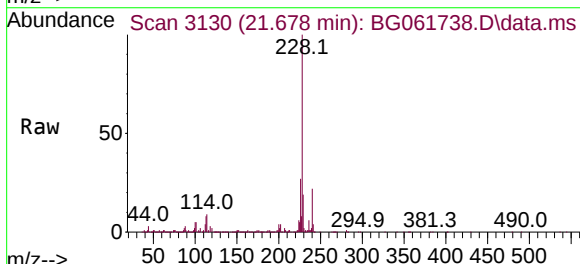
Manual Integrations  
APPROVED

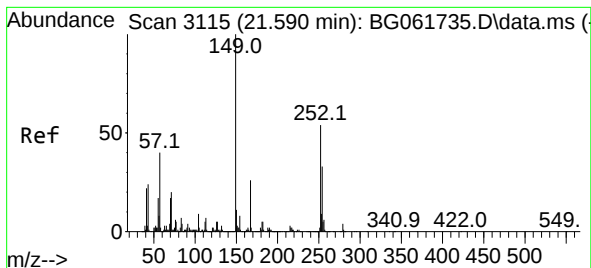
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#85  
Benzo(a)anthracene  
Concen: 17.368 ng/ul  
RT: 21.678 min Scan# 3130  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

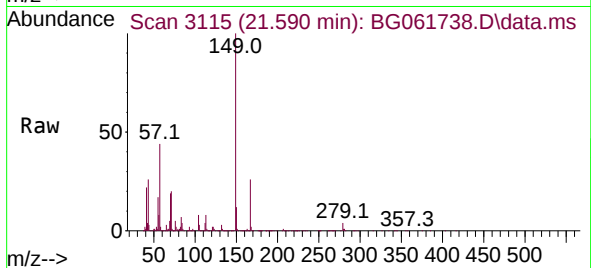
Tgt Ion:228 Resp: 588466  
Ion Ratio Lower Upper  
228 100  
229 19.4 15.8 23.8  
226 26.7 21.4 32.2





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 37.145 ng/ul  
RT: 21.590 min Scan# 3115  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

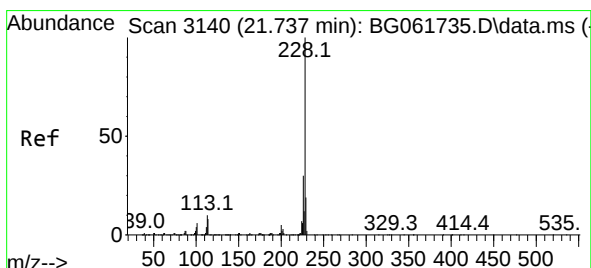
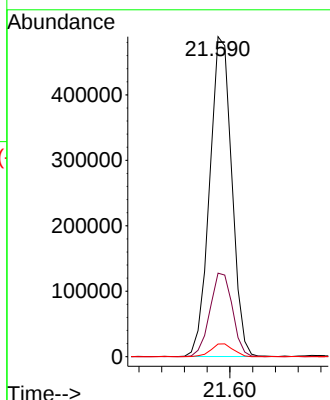
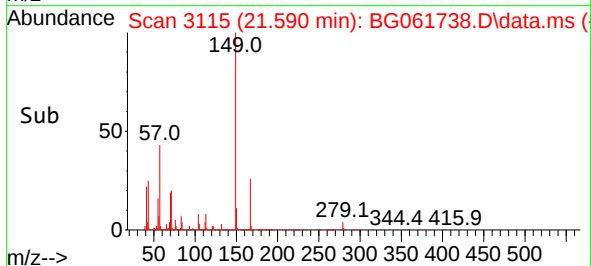
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL



Tgt Ion:149 Resp: 661269  
Ion Ratio Lower Upper  
149 100  
167 26.1 20.5 30.7  
279 4.0 2.9 4.3

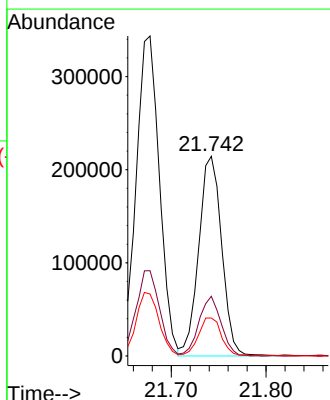
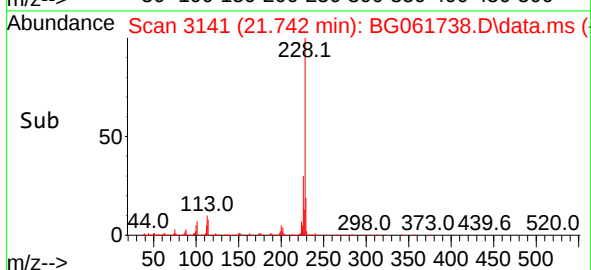
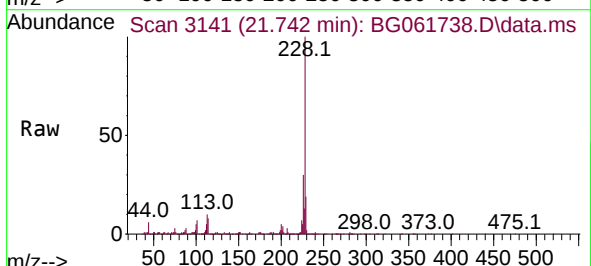
Manual Integrations  
APPROVED

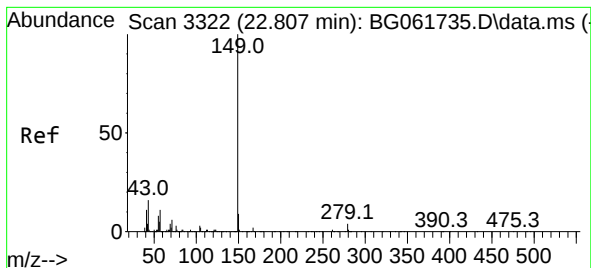
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#87  
Chrysene  
Concen: 11.290 ng/ul  
RT: 21.742 min Scan# 3141  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:228 Resp: 361963  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.2 36.2  
229 19.0 16.5 24.7





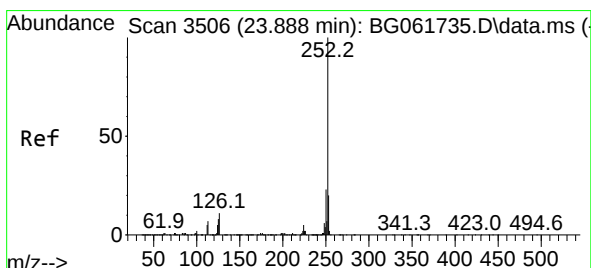
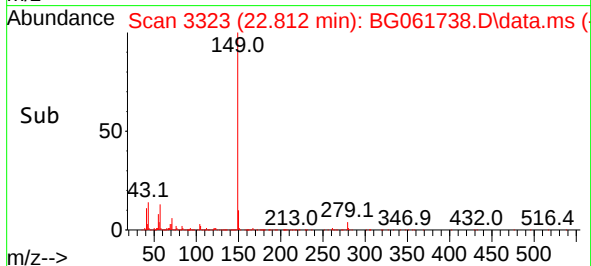
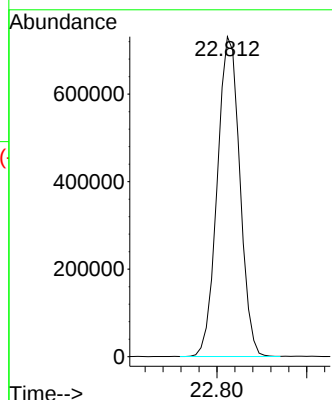
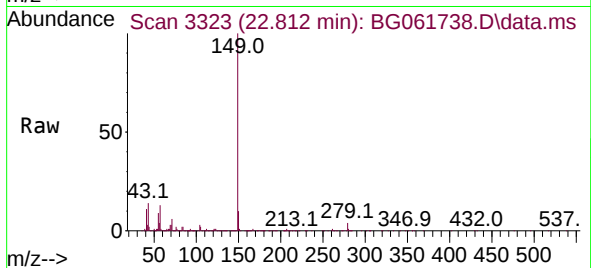
#89  
Di-n-octyl phthalate  
Concen: 45.242 ng/ul  
RT: 22.812 min Scan# 31  
Delta R.T. 0.005 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK5DL

Tgt Ion:149 Resp: 1275144

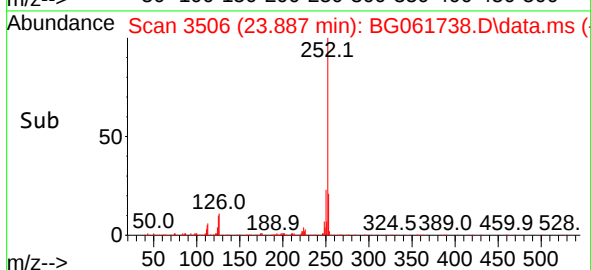
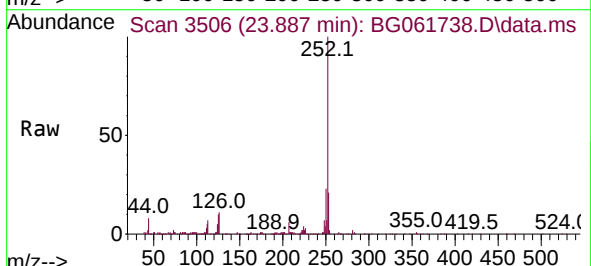
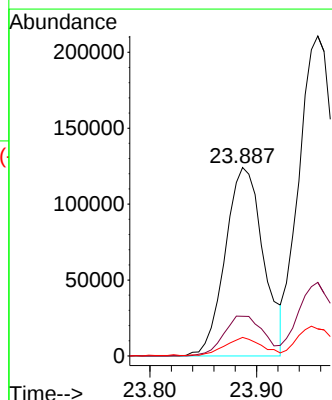
Manual Integrations  
APPROVED

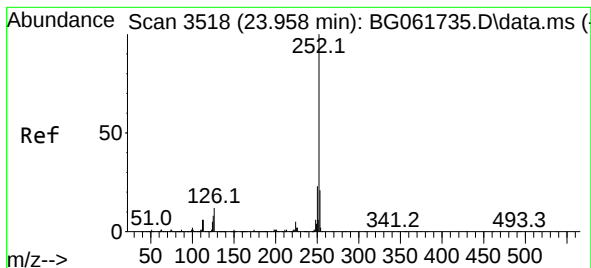
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/29/2024



#90  
Benzo(b)fluoranthene  
Concen: 9.634 ng/ul  
RT: 23.887 min Scan# 3506  
Delta R.T. -0.001 min  
Lab File: BG061738.D  
Acq: 27 Jun 2024 14:05

Tgt Ion:252 Resp: 309455  
Ion Ratio Lower Upper  
252 100  
253 21.1 18.6 27.8  
125 9.8 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 15.122 ng/uI

RT: 23.957 min Scan# 3518

Delta R.T. -0.001 min

Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA\_G

ClientSampleId :

A4DK5DL

Tgt Ion:252 Resp: 499570

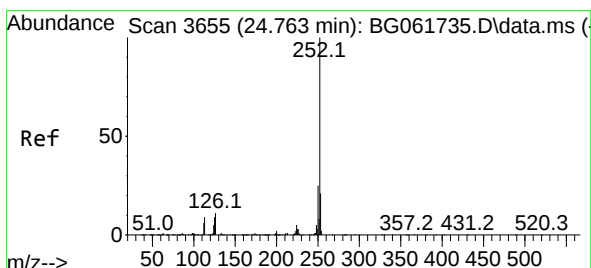
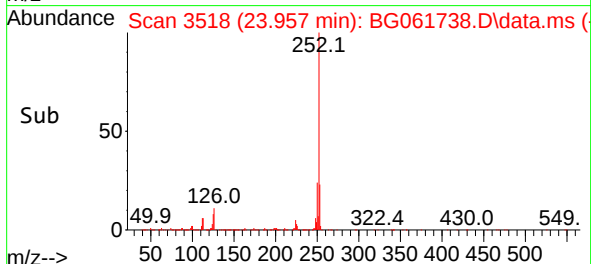
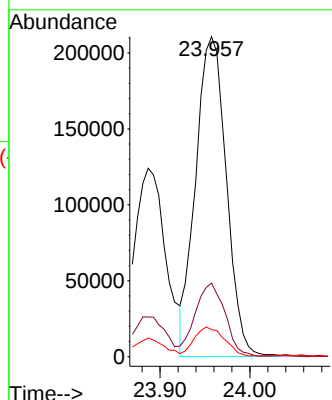
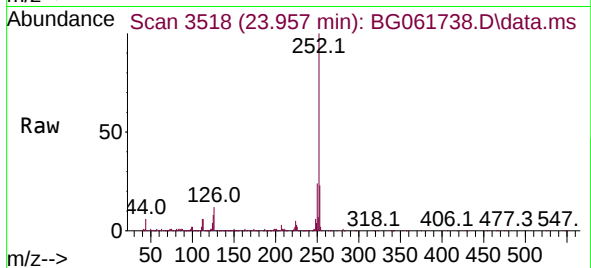
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 17.8  | 26.6  |
| 125 | 8.4   | 6.2   | 9.2   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#93

Benzo(a)pyrene

Concen: 7.507 ng/uI

RT: 24.762 min Scan# 3655

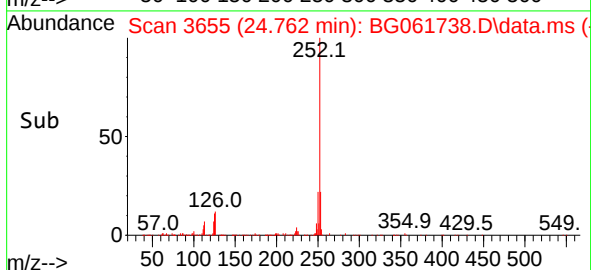
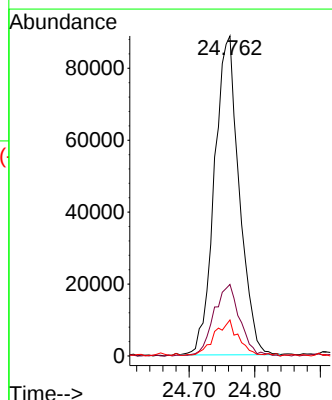
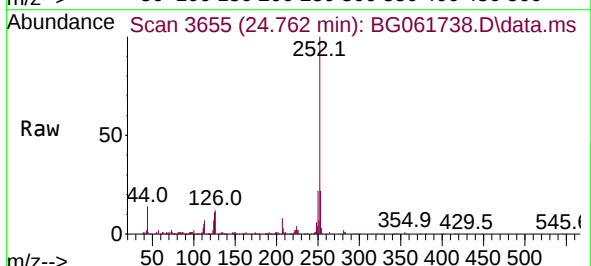
Delta R.T. -0.001 min

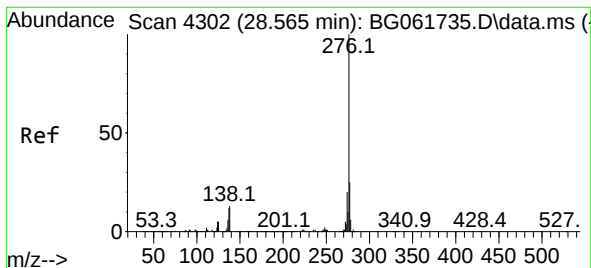
Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

Tgt Ion:252 Resp: 232165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 16.8  | 25.2  |
| 125 | 11.2  | 6.5   | 9.7#  |





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.987 ng/ul m

RT: 28.652 min Scan# 4317

Delta R.T. 0.087 min

Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA\_G

ClientSampleId :

A4DK5DL

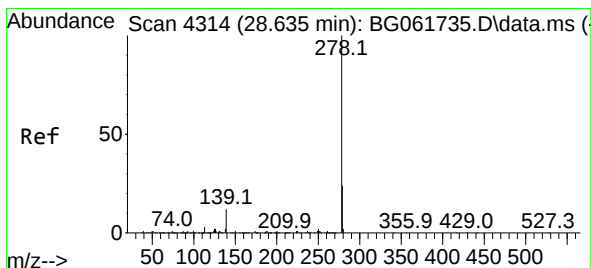
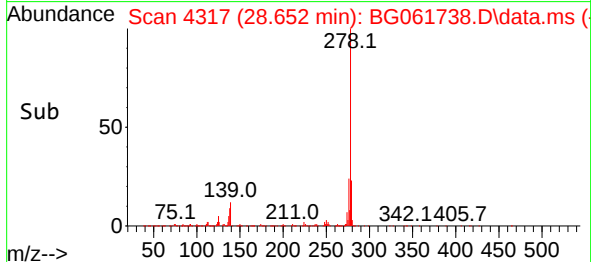
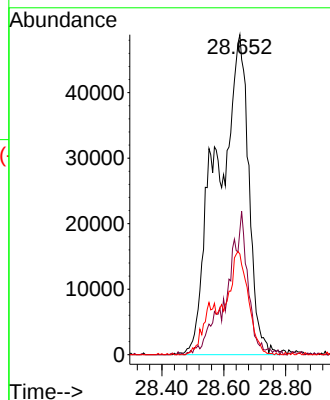
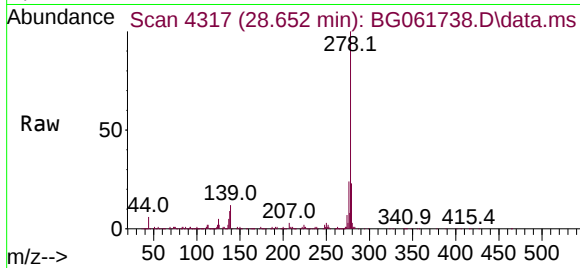
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 34634 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 38.8  | 12.2  | 18.4  |
| 277       | 31.5  | 19.7  | 29.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#95

Dibenzo(a,h)anthracene

Concen: 27.621 ng/ul

RT: 28.646 min Scan# 4316

Delta R.T. 0.011 min

Lab File: BG061738.D

Acq: 27 Jun 2024 14:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 885101 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 11.1  | 9.1   | 13.7   |
| 279       | 22.8  | 18.6  | 28.0   |

