

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032024\  
 Data File : BG060692.D  
 Acq On : 20 Mar 2024 15:16  
 Operator : MA/JU  
 Sample : P1803-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRENCH-PITMS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
 Supervised By :Sohil Jodhani 03/21/2024

Quant Time: Mar 21 01:29:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 18 14:26:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.291  | 152  | 84457    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.135 | 136  | 381111   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.925 | 164  | 271437   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.675 | 188  | 628549   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.993 | 240  | 587149   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.536 | 264  | 708505   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.783  | 112  | 526328   | 97.965  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.416  | 99   | 888395   | 113.991 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.490  | 82   | 584718   | 79.848  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.411 | 330  | 418261   | 132.976 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.550 | 172  | 1143130  | 56.940  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.254 | 244  | 1833048  | 56.430  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.621  | 88   | 96203    | 42.778  | ng    | 99       |
| 3) Pyridine                   | 4.038  | 79   | 229308   | 34.501  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.961  | 42   | 145675   | 44.680  | ng    | 96       |
| 6) Aniline                    | 7.616  | 93   | 224716   | 23.596  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.845  | 128  | 281192   | 47.879  | ng    | 96       |
| 9) Benzaldehyde               | 7.434  | 77   | 62394    | 14.302  | ng    | 97       |
| 10) Phenol                    | 7.440  | 94   | 383035   | 48.982  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.704  | 93   | 248374   | 39.843  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.174  | 146  | 282927   | 44.672  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.327  | 146  | 287326   | 44.755  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.650  | 146  | 280355   | 43.969  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.532  | 79   | 280336   | 45.498  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.797  | 45   | 497953   | 41.146  | ng    | 99       |
| 17) 2-Methylphenol            | 8.715  | 107  | 259054   | 43.142  | ng    | 99       |
| 18) Hexachloroethane          | 9.378  | 117  | 109390   | 49.879  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 9.096  | 70   | 235416   | 43.578  | ng    | 99       |
| 20) 3+4-Methylphenols         | 9.049  | 107  | 383289   | 47.328  | ng    | 96       |
| 22) Acetophenone              | 9.138  | 105  | 468729   | 45.874  | ng    | # 97     |
| 24) Nitrobenzene              | 9.537  | 77   | 346718   | 47.359  | ng    | 97       |
| 25) Isophorone                | 10.042 | 82   | 681354   | 46.488  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.242 | 139  | 150652   | 50.669  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.266 | 122  | 251272   | 38.734  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.524 | 93   | 358410   | 40.791  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.765 | 162  | 280941   | 48.254  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.982 | 180  | 276340   | 44.702  | ng    | 95       |
| 31) Naphthalene               | 11.194 | 128  | 923128   | 43.366  | ng    | 99       |
| 32) Benzoic acid              | 10.389 | 122  | 216126   | 50.360  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.306 | 127  | 138579   | 15.438  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.417 | 225  | 176641   | 41.893  | ng    | 96       |
| 35) Caprolactam               | 12.099 | 113  | 106994m  | 54.592  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.381 | 107  | 353372   | 49.527  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.769 | 142  | 631789   | 42.971  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.986 | 142  | 588244   | 42.627  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.115 | 216  | 345031   | 41.391  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.068 | 237  | 319783   | 78.011  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.356 | 196  | 255025   | 47.646  | ng    | 98       |

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 Sample : P1803-01MS  
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Reviewed By :Jagrut Upadhyay 03/21/2024  
 Supervised By :Sohil Jodhani 03/21/2024

Quant Time: Mar 21 01:29:46 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 18 14:26:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.427 | 196  | 276453   | 43.661  | ng    | # 95     |
| 46) 1,1'-Biphenyl             | 13.762 | 154  | 865893   | 41.968  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.814 | 162  | 677831   | 43.531  | ng    | 98       |
| 48) 2-Nitroaniline            | 14.032 | 65   | 245366   | 47.744  | ng    | 92       |
| 49) Acenaphthylene            | 14.661 | 152  | 1183886  | 46.671  | ng    | 99       |
| 50) Dimethylphthalate         | 14.373 | 163  | 907575   | 44.582  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.514 | 165  | 186892   | 49.824  | ng    | 93       |
| 52) Acenaphthene              | 14.990 | 154  | 665775   | 43.922  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.849 | 138  | 118204   | 27.368  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 15.048 | 184  | 214598   | 109.034 | ng    | 98       |
| 55) Dibenzofuran              | 15.324 | 168  | 1111553  | 45.290  | ng    | 100      |
| 56) 4-Nitrophenol             | 15.125 | 139  | 362747   | 112.555 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.289 | 165  | 266673   | 56.513  | ng    | 94       |
| 58) Fluorene                  | 15.971 | 166  | 909748   | 46.330  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.530 | 232  | 262672m  | 49.745  | ng    |          |
| 60) Diethylphthalate          | 15.712 | 149  | 969160   | 46.269  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.953 | 204  | 433240   | 43.557  | ng    | 99       |
| 62) 4-Nitroaniline            | 16.012 | 138  | 224390m  | 50.736  | ng    |          |
| 63) Azobenzene                | 16.247 | 77   | 974165   | 44.940  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.041 | 198  | 147152   | 51.427  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.171 | 169  | 823790   | 41.878  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.852 | 248  | 297724   | 43.925  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.940 | 284  | 349189   | 44.808  | ng    | 98       |
| 69) Atrazine                  | 17.105 | 200  | 304086   | 46.218  | ng    | 98       |
| 70) Pentachlorophenol         | 17.299 | 266  | 477343   | 94.505  | ng    | 98       |
| 71) Phenanthrene              | 17.722 | 178  | 1940822  | 57.322  | ng    | 99       |
| 72) Anthracene                | 17.810 | 178  | 1596438  | 46.633  | ng    | 99       |
| 73) Carbazole                 | 18.086 | 167  | 1428757  | 47.998  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.591 | 149  | 1697568  | 46.797  | ng    | 99       |
| 75) Fluoranthene              | 19.713 | 202  | 2382714  | 63.620  | ng    | 98       |
| 77) Benzidine                 | 19.901 | 184  | 819525   | 57.064  | ng    | 99       |
| 78) Pyrene                    | 20.078 | 202  | 2345888  | 57.252  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.936 | 149  | 768731   | 49.626  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.970 | 228  | 2121354  | 52.473  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.881 | 252  | 386242   | 28.346  | ng    | 99       |
| 83) Chrysene                  | 22.046 | 228  | 2051340  | 52.258  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.805 | 149  | 1178652  | 51.512  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.127 | 149  | 1993035  | 52.895  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.637 | 276  | 2549758  | 52.760  | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 24.390 | 252  | 2261038  | 58.009  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.467 | 252  | 1997936  | 48.791  | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.366 | 252  | 2010132  | 52.603  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.731 | 278  | 1942178  | 47.340  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.947 | 276  | 2027058  | 51.031  | ng    | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032024\  
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 Operator : MA/JU  
 Sample : P1803-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Quant Time: Mar 21 01:29:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 18 14:26:31 2024

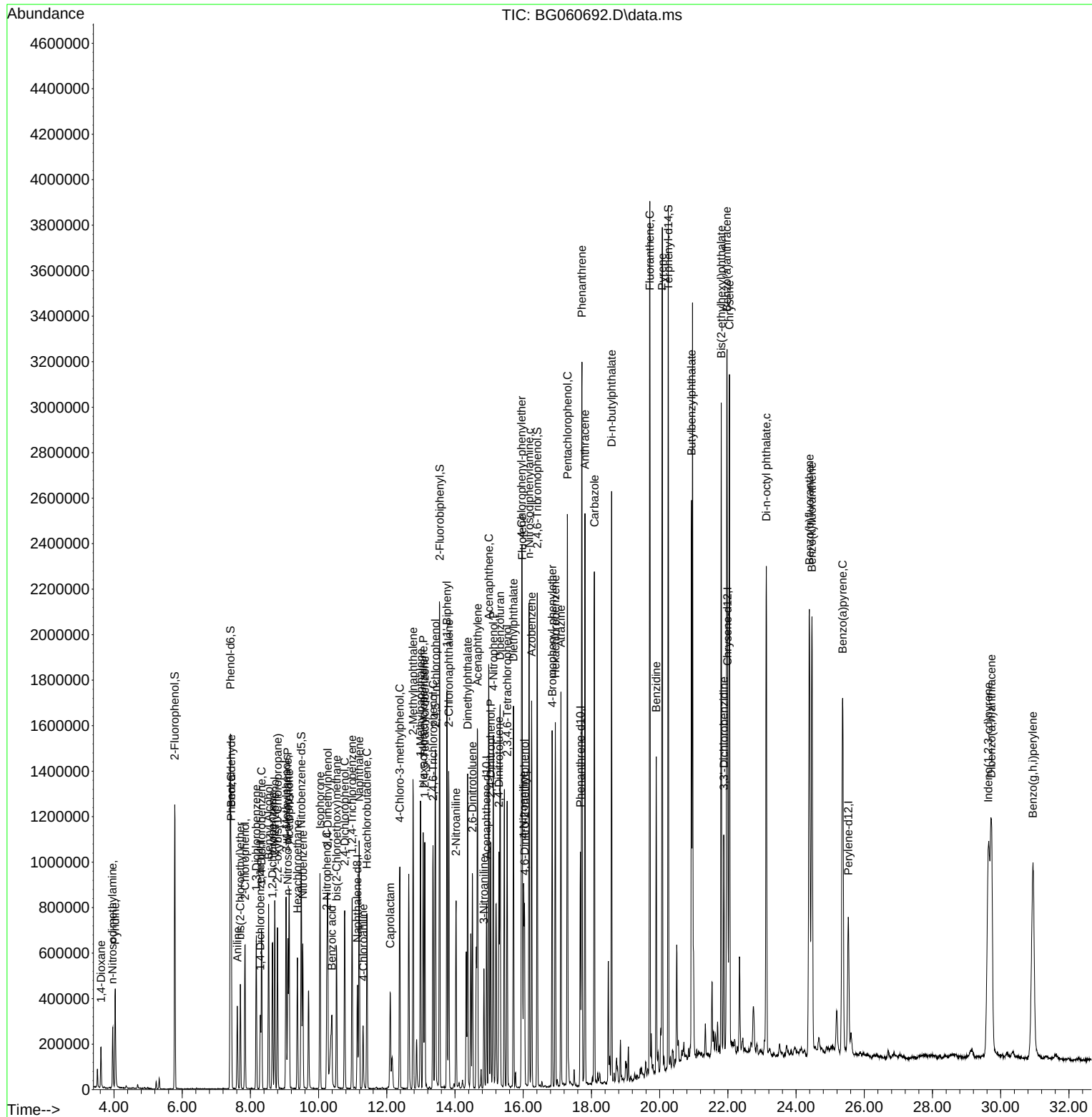
Response via : Initial Calibration

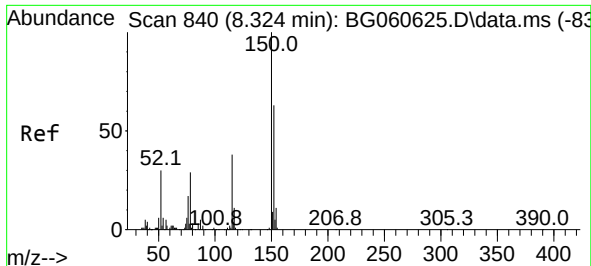
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024





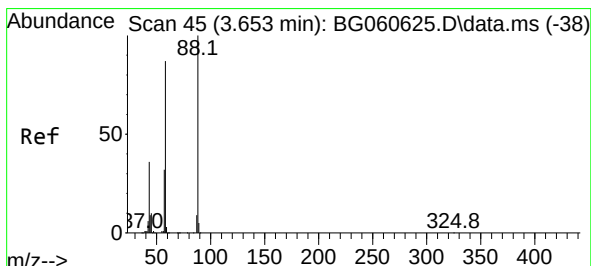
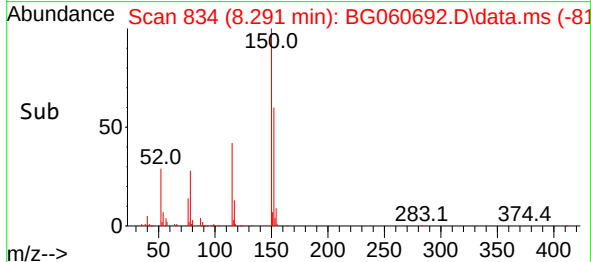
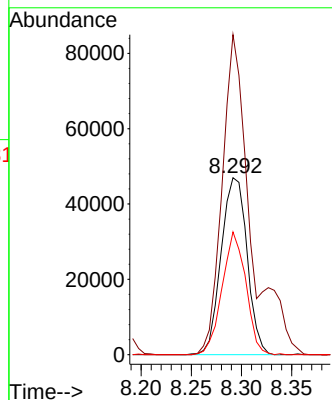
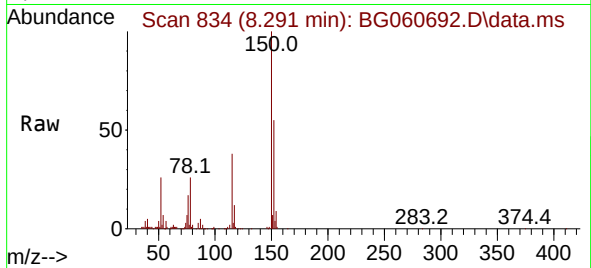
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.291 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :  
BNA\_G  
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TRENCH-PITMS

Tgt Ion:152 Resp: 8445  
Ion Ratio Lower Upper  
152 100  
150 180.8 126.6 190.0  
115 69.4 47.8 71.8

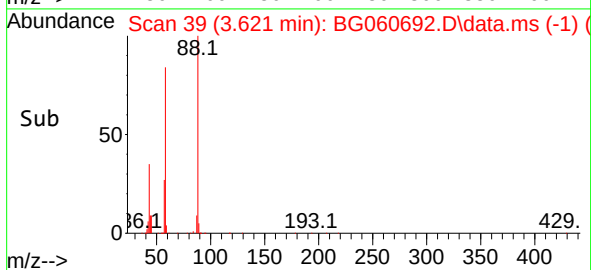
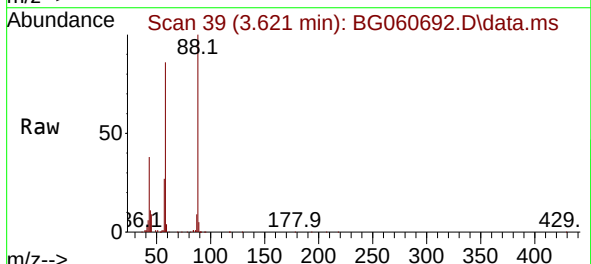
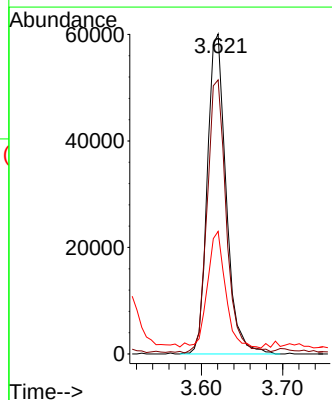
Manual Integrations  
APPROVED

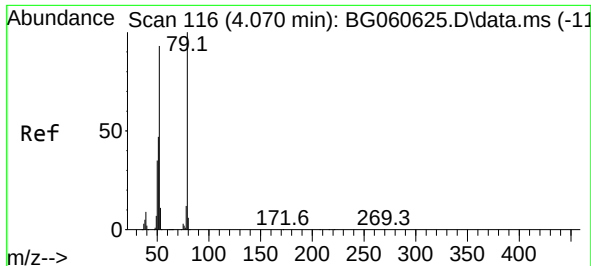
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#2  
1,4-Dioxane  
Concen: 42.778 ng  
RT: 3.621 min Scan# 39  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 88 Resp: 96203  
Ion Ratio Lower Upper  
88 100  
58 86.9 70.6 106.0  
43 35.4 27.9 41.9





#3  
Pyridine  
Concen: 34.501 ng  
RT: 4.038 min Scan# 116  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

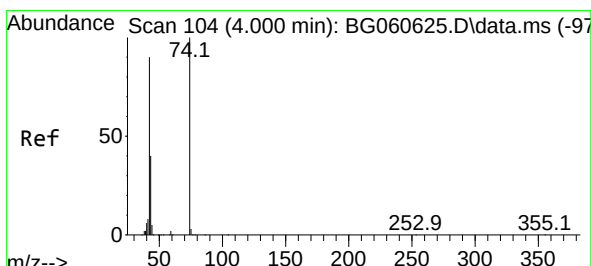
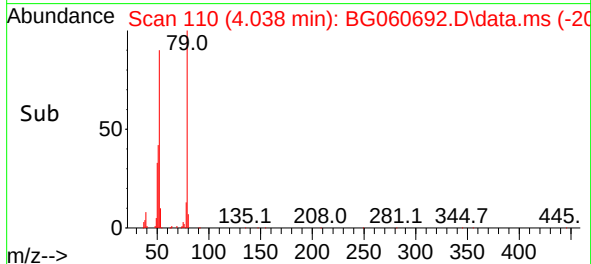
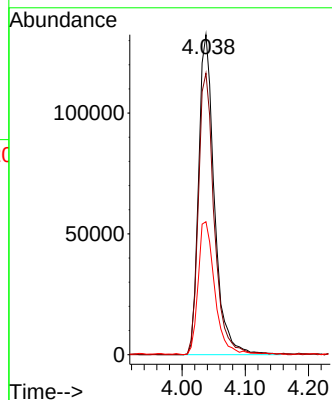
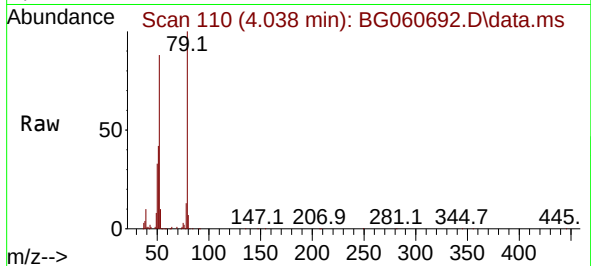
TRENCH-PITMS

Tgt Ion: 79 Resp: 229308  
Ion Ratio Lower Upper  
79 100  
52 87.9 74.6 112.0  
51 41.5 38.0 57.0

Manual Integrations

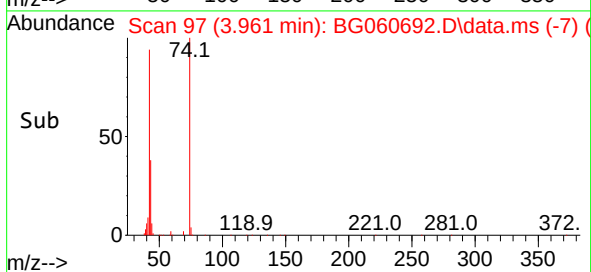
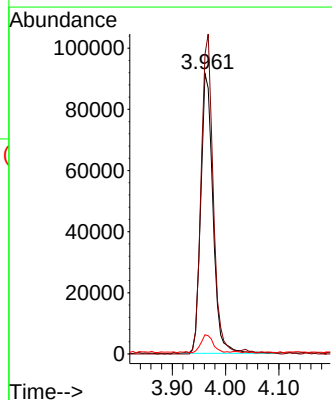
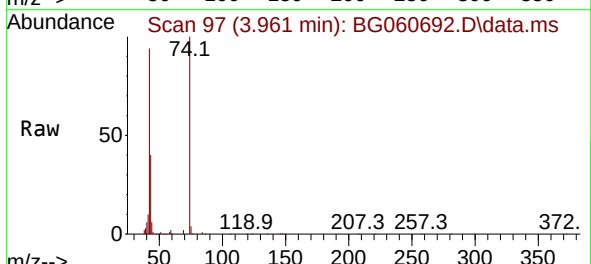
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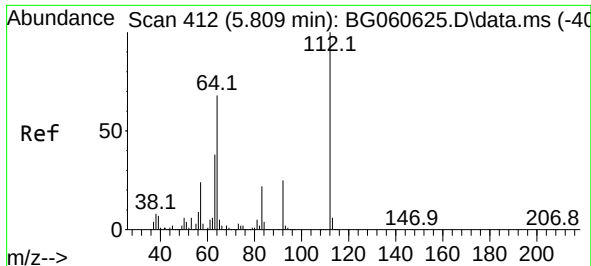
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#4  
n-Nitrosodimethylamine  
Concen: 44.680 ng  
RT: 3.961 min Scan# 97  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 42 Resp: 145675  
Ion Ratio Lower Upper  
42 100  
74 106.9 89.0 133.6  
44 6.8 4.7 7.1





#5  
2-Fluorophenol  
Concen: 97.965 ng  
RT: 5.783 min Scan# 407  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

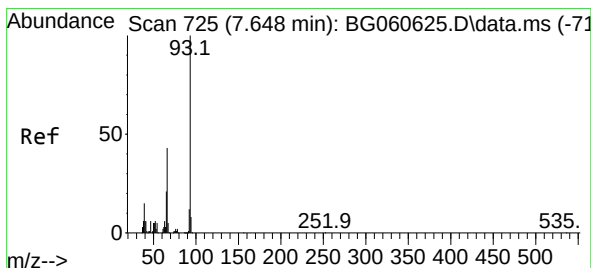
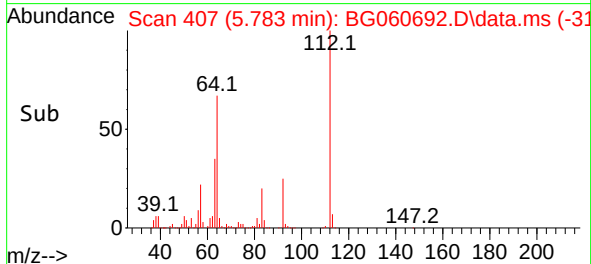
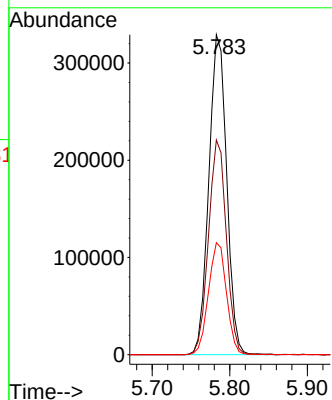
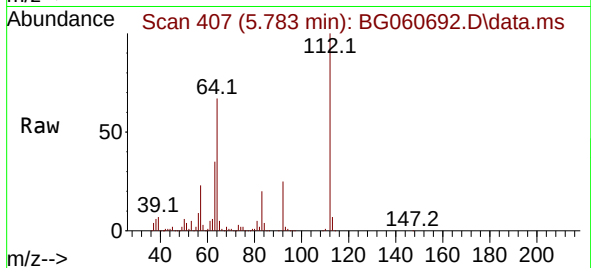
TRENCH-PITMS

Tgt Ion:112 Resp: 526328  
Ion Ratio Lower Upper  
112 100  
64 67.1 54.1 81.1  
63 35.0 30.3 45.5

Manual Integrations

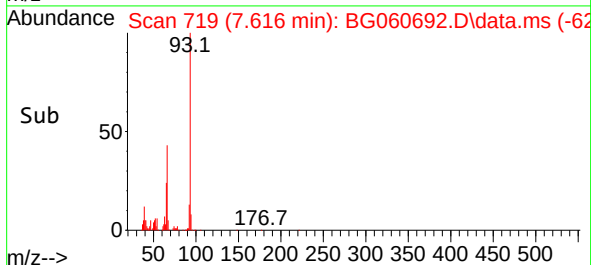
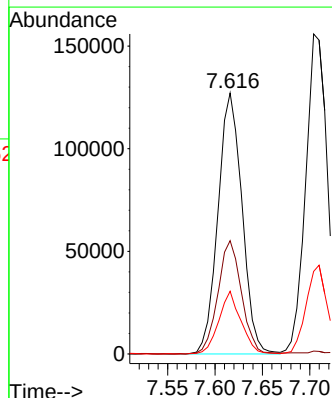
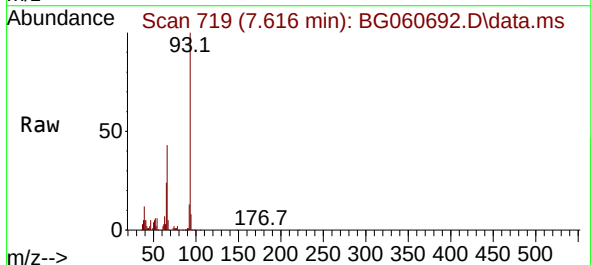
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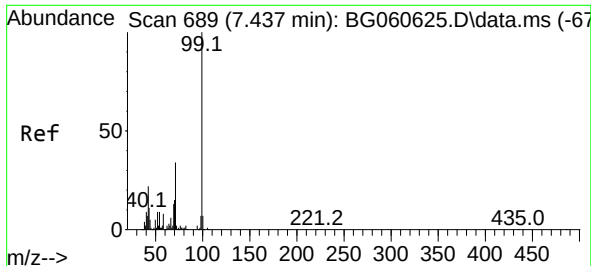
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#6  
Aniline  
Concen: 23.596 ng  
RT: 7.616 min Scan# 719  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 93 Resp: 224716  
Ion Ratio Lower Upper  
93 100  
66 43.4 34.5 51.7  
65 24.1 17.0 25.4





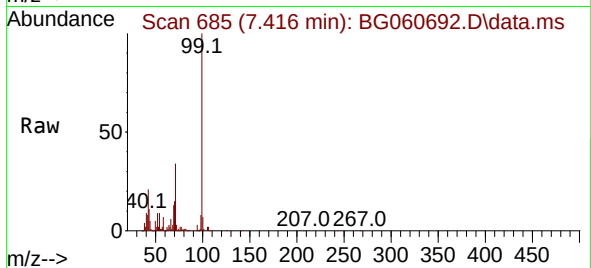
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Phenol-d6  
Concen: 113.991 ng  
RT: 7.416 min Scan# 685  
Delta R.T. 0.009 min  
Lab File: BG060692.D  
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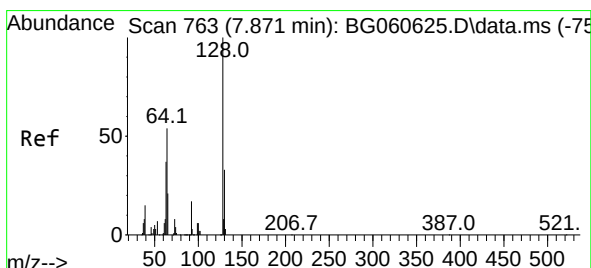
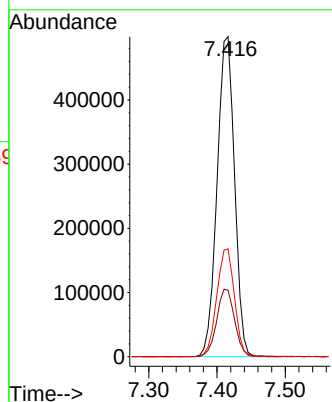
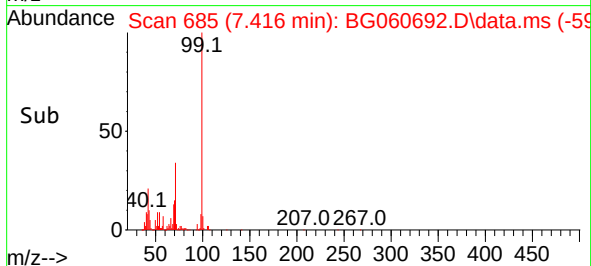


Tgt Ion: 99 Resp: 88839  
Ion Ratio Lower Upper  
99 100  
42 20.8 17.5 26.3  
71 33.7 27.4 41.0

Manual Integrations

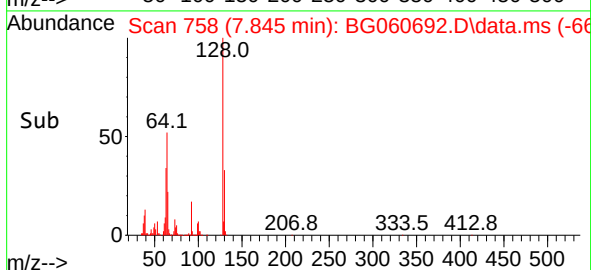
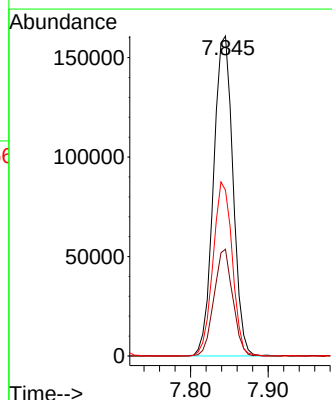
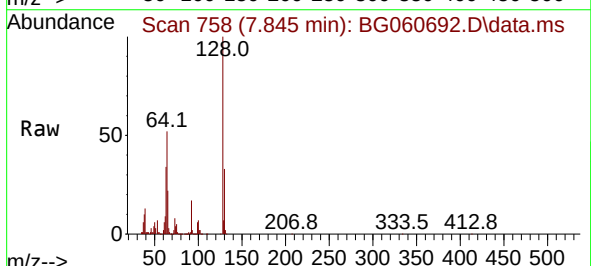
APPROVED

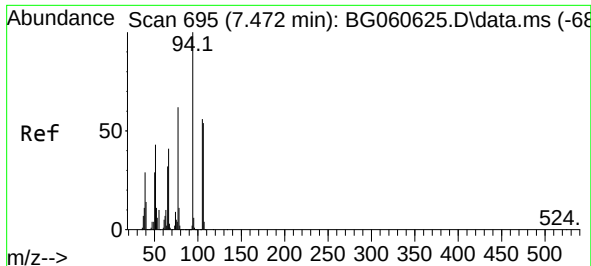
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#8  
2-Chlorophenol  
Concen: 47.879 ng  
RT: 7.845 min Scan# 758  
Delta R.T. 0.009 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:128 Resp: 281192  
Ion Ratio Lower Upper  
128 100  
130 33.3 13.2 53.2  
64 51.8 35.8 75.8





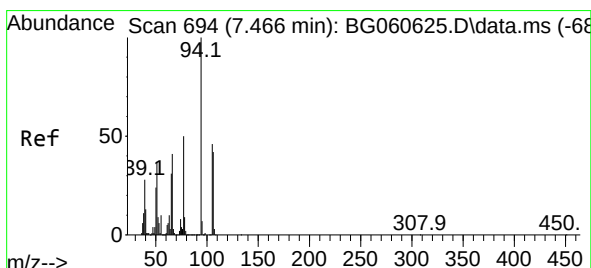
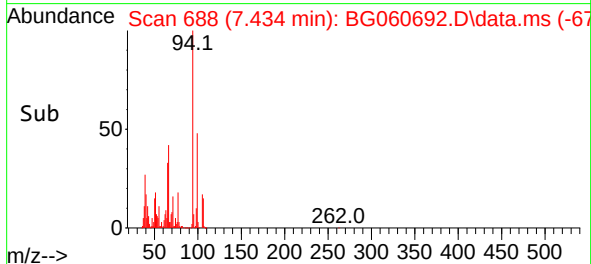
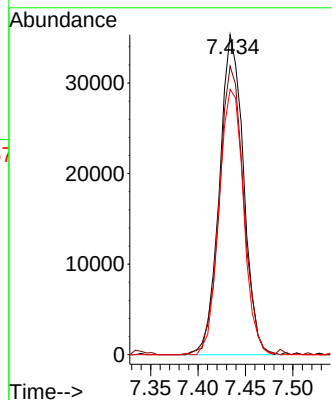
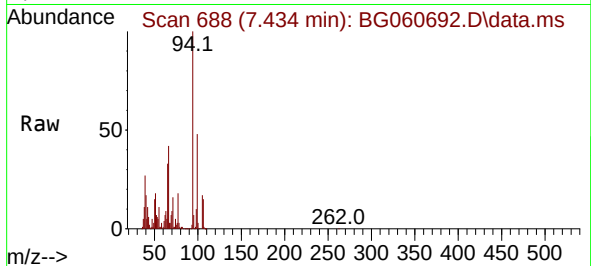
#9  
Benzaldehyde  
Concen: 14.302 ng  
RT: 7.434 min Scan# 688  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS

Tgt Ion: 77 Resp: 62394  
Ion Ratio Lower Upper  
77 100  
105 90.1 71.4 111.4  
106 82.9 67.1 107.1

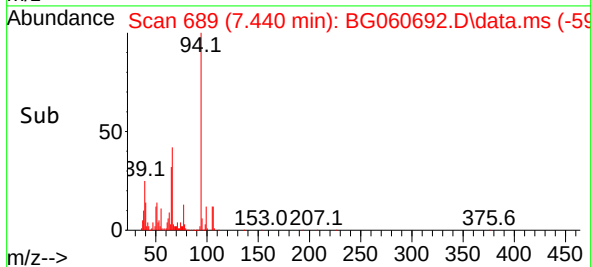
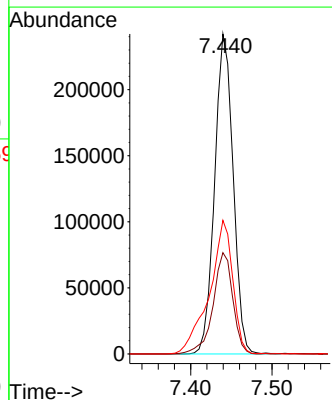
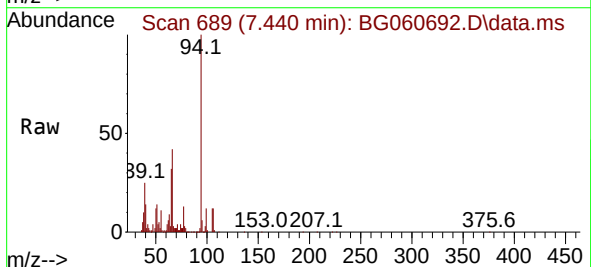
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

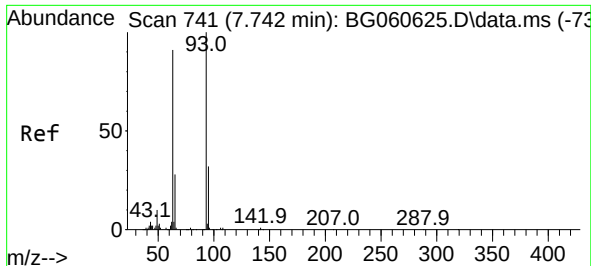


#10  
Phenol  
Concen: 48.982 ng  
RT: 7.440 min Scan# 689  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 94 Resp: 383035  
Ion Ratio Lower Upper  
94 100  
65 31.7 11.2 51.2  
66 41.7 21.0 61.0







#11  
bis(2-Chloroethyl)ether  
Concen: 39.843 ng  
RT: 7.704 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

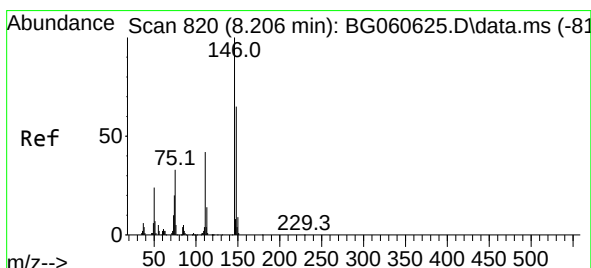
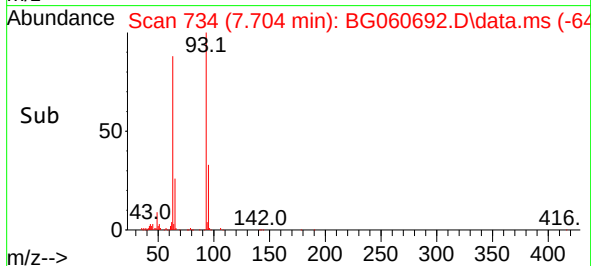
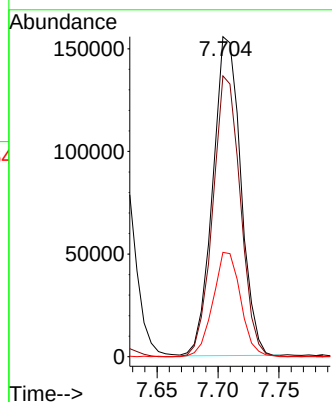
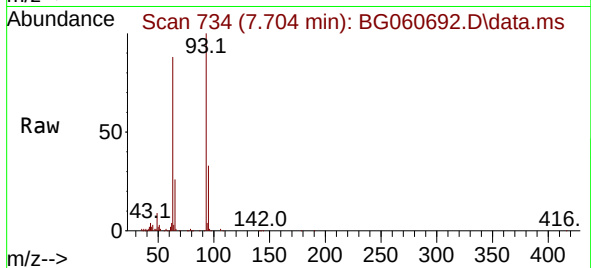
TRENCH-PITMS

Tgt Ion: 93 Resp: 248374  
Ion Ratio Lower Upper  
93 100  
63 87.8 70.9 110.9  
95 32.6 12.0 52.0

Manual Integrations

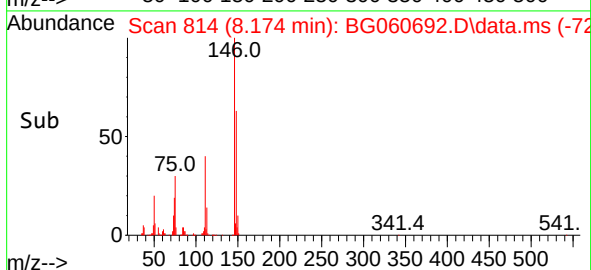
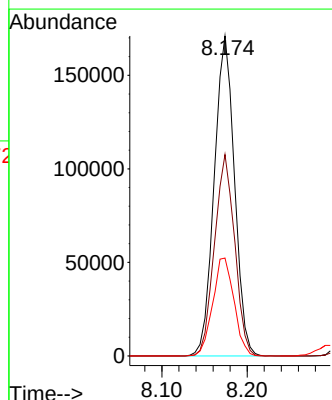
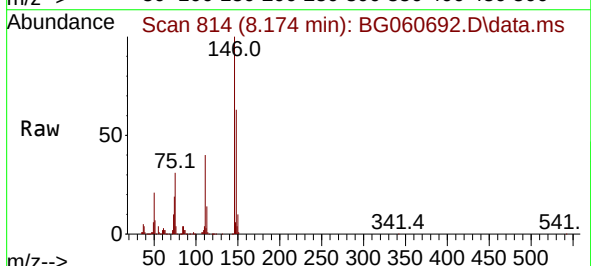
APPROVED

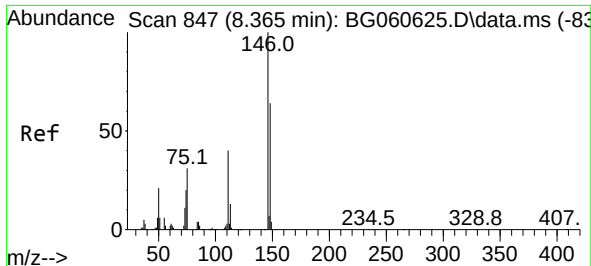
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#12  
1,3-Dichlorobenzene  
Concen: 44.672 ng  
RT: 8.174 min Scan# 814  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

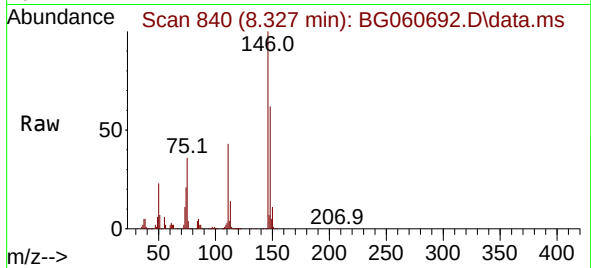
Tgt Ion:146 Resp: 282927  
Ion Ratio Lower Upper  
146 100  
148 62.9 52.1 78.1  
75 30.6 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 44.755 ng  
RT: 8.327 min Scan# 84  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

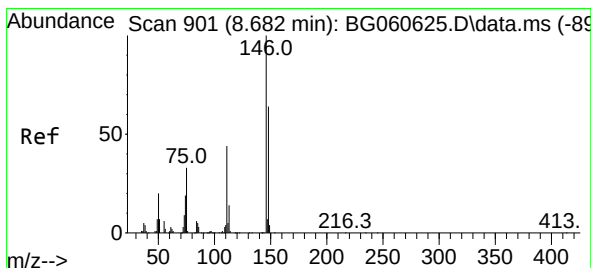
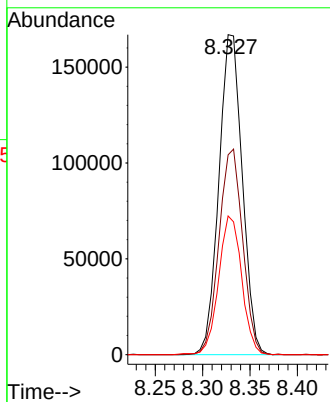
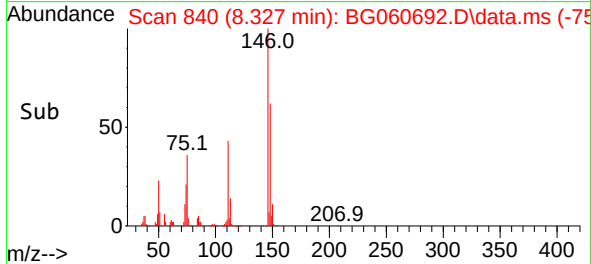
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



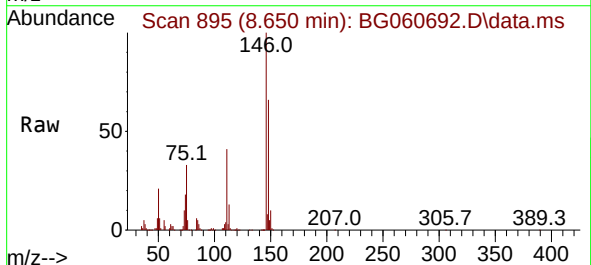
Tgt Ion:146 Resp: 287320  
Ion Ratio Lower Upper  
146 100  
148 62.5 51.5 77.3  
111 43.4 32.2 48.2

Manual Integrations  
APPROVED

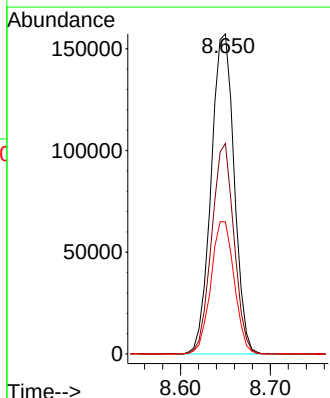
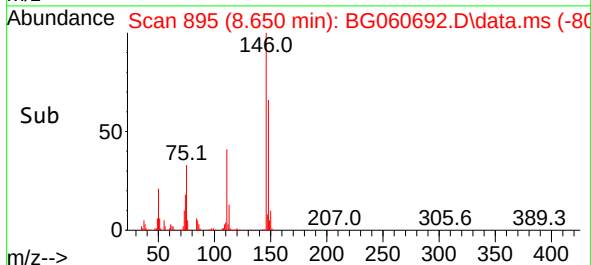
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

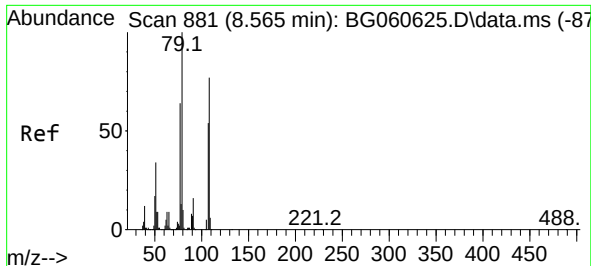


#14  
1,2-Dichlorobenzene  
Concen: 43.969 ng  
RT: 8.650 min Scan# 895  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



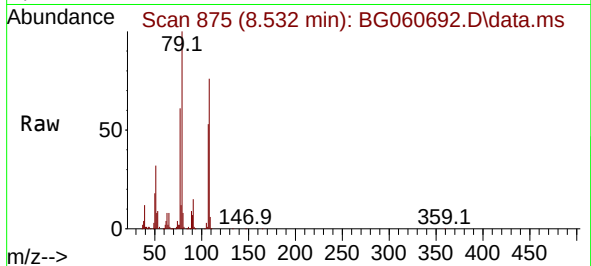
Tgt Ion:146 Resp: 280355  
Ion Ratio Lower Upper  
146 100  
148 65.7 51.8 77.6  
111 41.3 35.5 53.3





#15  
Benzyl Alcohol  
Concen: 45.498 ng  
RT: 8.532 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

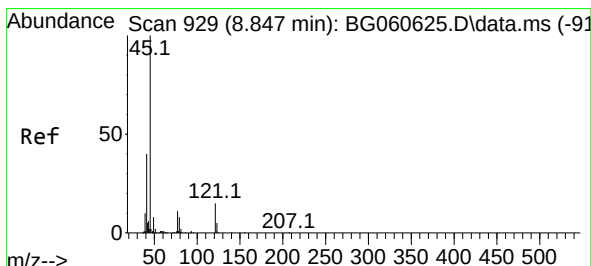
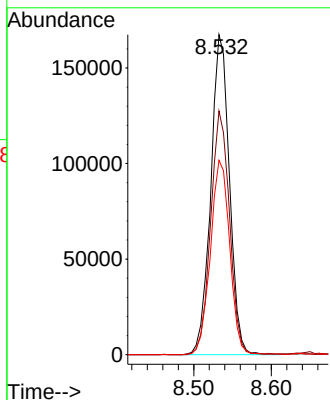
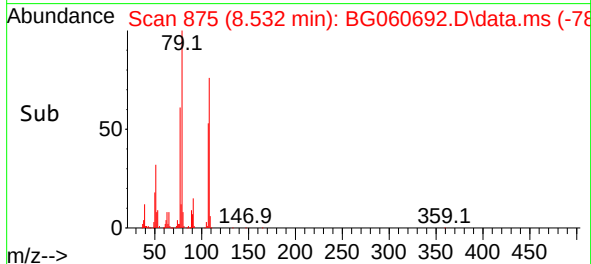
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



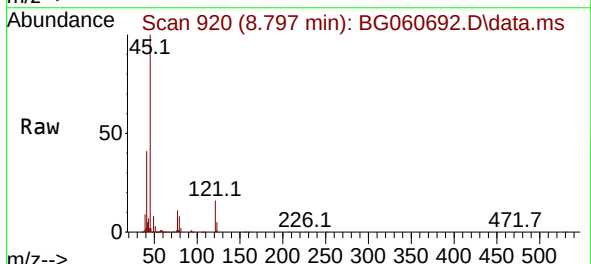
Tgt Ion: 79 Resp: 280330  
Ion Ratio Lower Upper  
79 100  
108 76.2 61.4 92.2  
77 60.7 51.4 77.0

Manual Integrations  
APPROVED

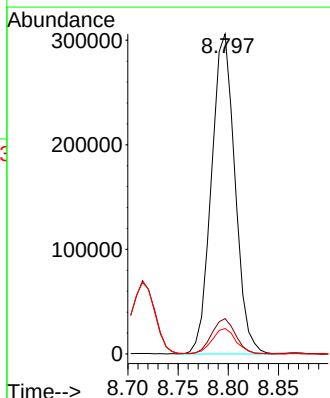
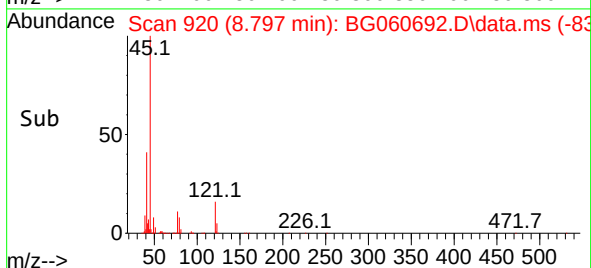
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

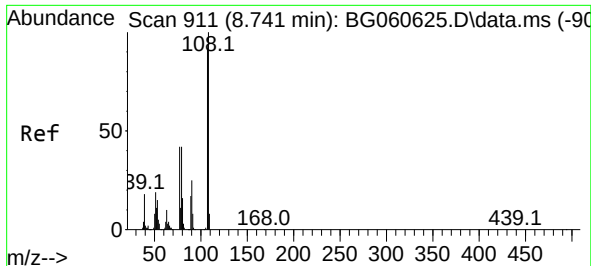


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.146 ng  
RT: 8.797 min Scan# 920  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



Tgt Ion: 45 Resp: 497953  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 31.0  
79 7.9 0.0 28.8





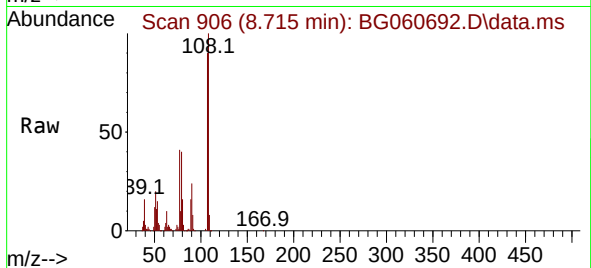
#17  
2-Methylphenol  
Concen: 43.142 ng  
RT: 8.715 min Scan# 90  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

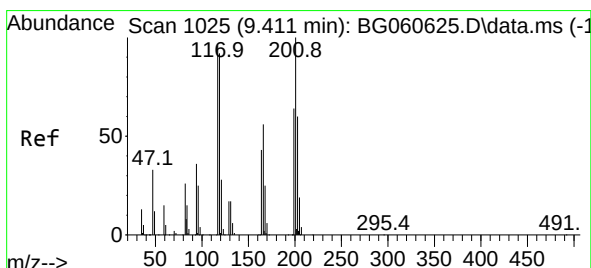
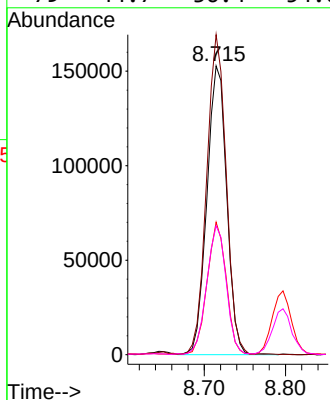
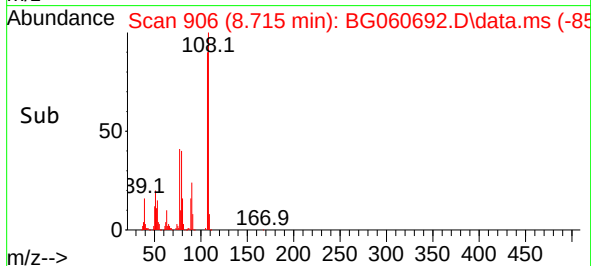


Tgt Ion:107 Resp: 259054  
Ion Ratio Lower Upper  
107 100  
108 110.8 87.4 131.2  
77 45.8 37.0 55.6  
79 44.7 36.4 54.6

Manual Integrations

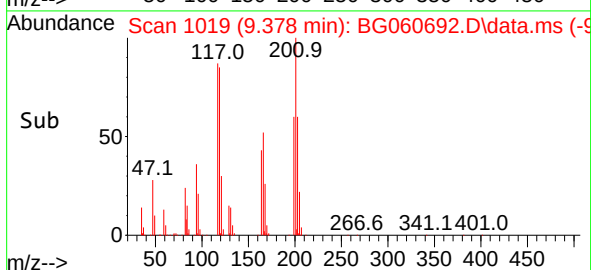
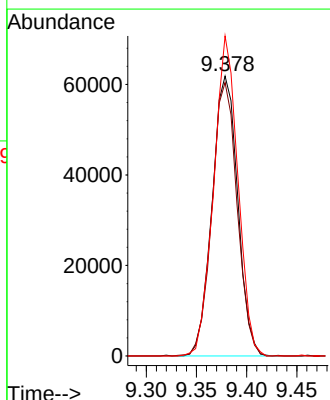
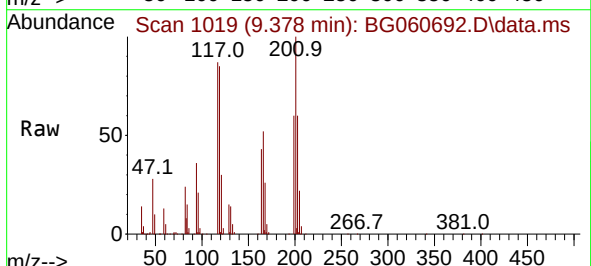
APPROVED

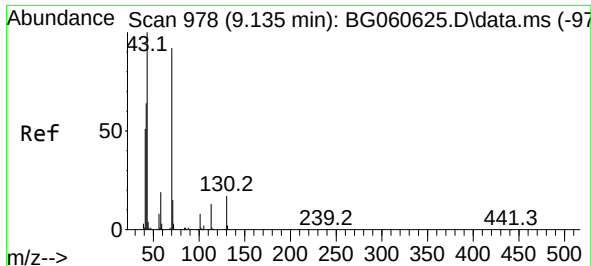
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#18  
Hexachloroethane  
Concen: 49.879 ng  
RT: 9.378 min Scan# 1019  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:117 Resp: 109390  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.7 115.1  
201 114.3 83.0 124.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.578 ng

RT: 9.096 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion: 70 Resp: 235410

Ion Ratio Lower Upper

70 100

42 70.8 56.2 84.2

101 8.7 7.4 11.0

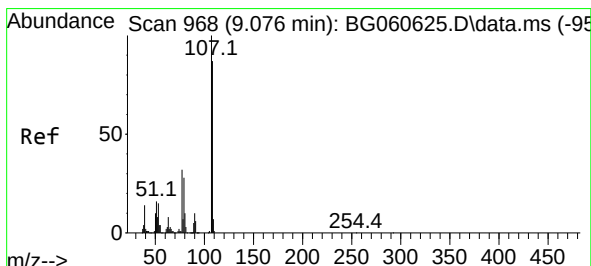
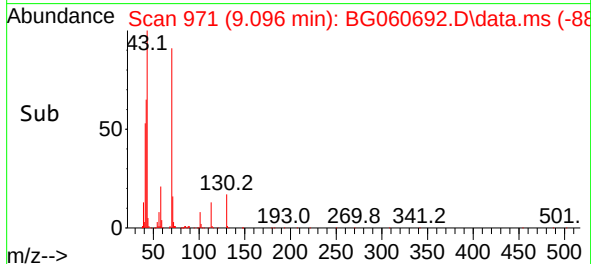
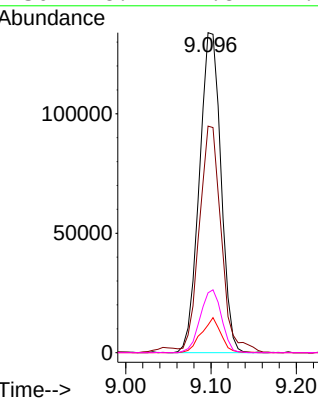
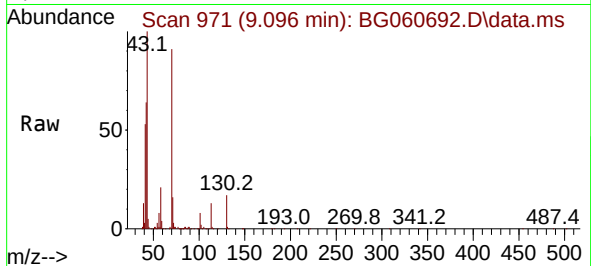
130 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#20

3+4-Methylphenols

Concen: 47.328 ng

RT: 9.049 min Scan# 963

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Tgt Ion:107 Resp: 383289

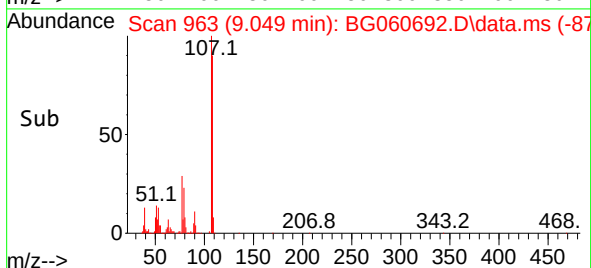
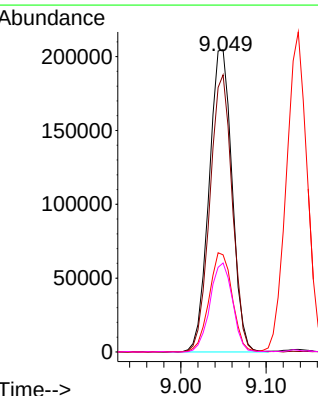
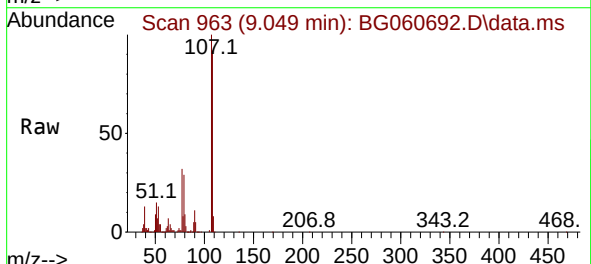
Ion Ratio Lower Upper

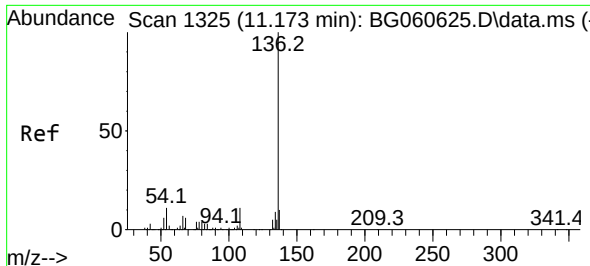
107 100

108 91.7 66.8 106.8

77 32.1 12.4 52.4

79 29.5 8.1 48.1





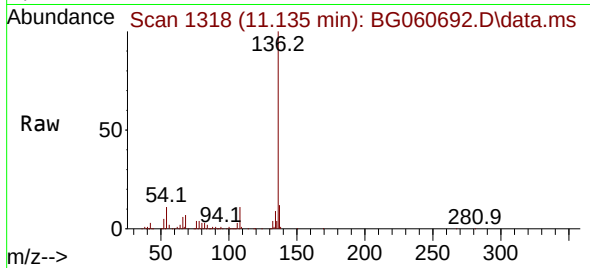
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.135 min Scan# 1318  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

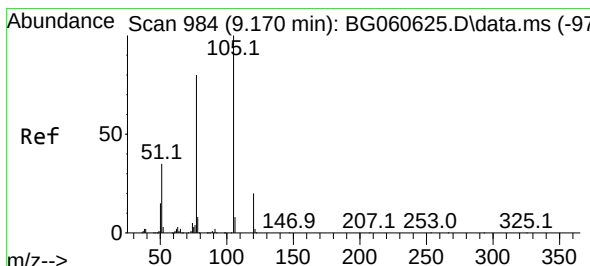
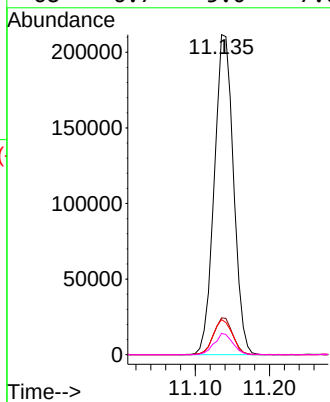
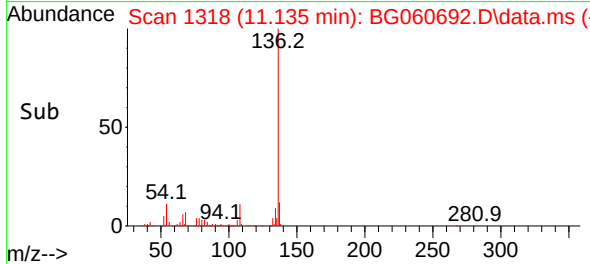


Tgt Ion:136 Resp: 381111  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.4 12.6  
54 10.9 8.5 12.7  
68 6.7 5.0 7.6

Manual Integrations

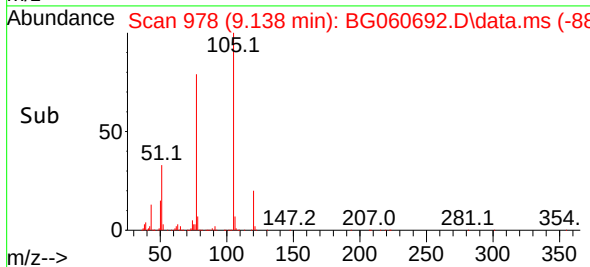
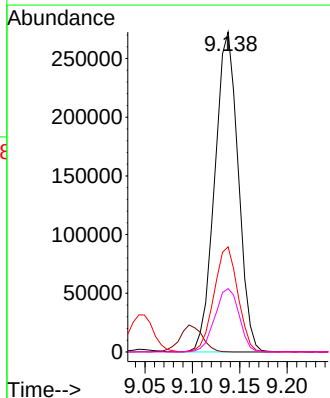
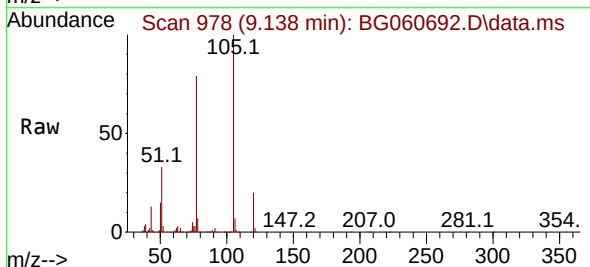
APPROVED

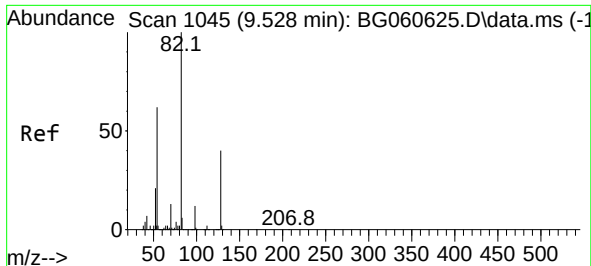
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#22  
Acetophenone  
Concen: 45.874 ng  
RT: 9.138 min Scan# 978  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:105 Resp: 468729  
Ion Ratio Lower Upper  
105 100  
71 0.1 0.1 0.1#  
51 32.8 28.0 42.0  
120 19.8 16.2 24.2





#23  
Nitrobenzene-d5  
Concen: 79.848 ng  
RT: 9.490 min Scan# 1038  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

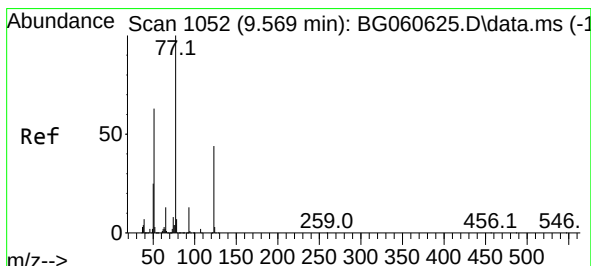
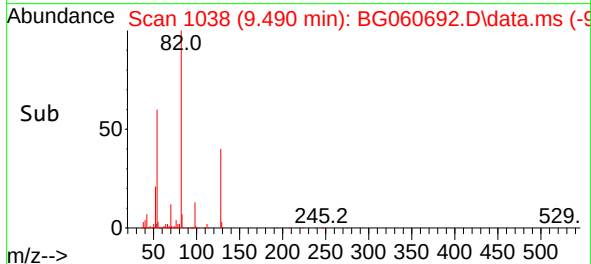
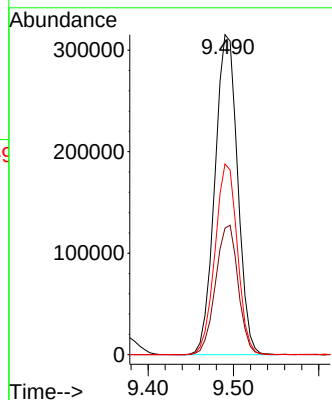
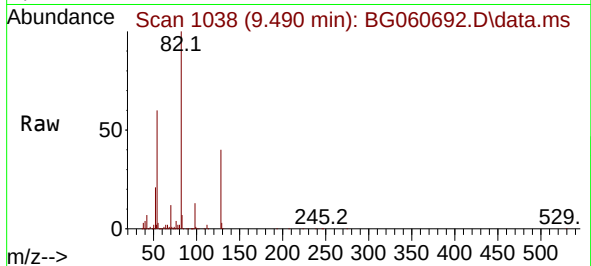
TRENCH-PITMS

Tgt Ion: 82 Resp: 584718  
Ion Ratio Lower Upper  
82 100  
128 39.6 31.6 47.4  
54 59.6 49.3 73.9

Manual Integrations

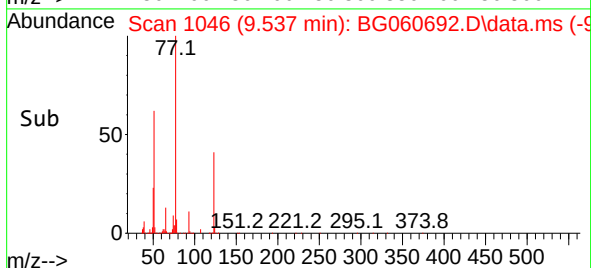
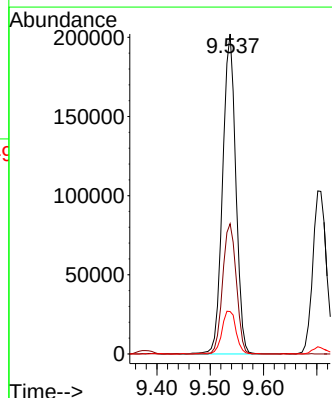
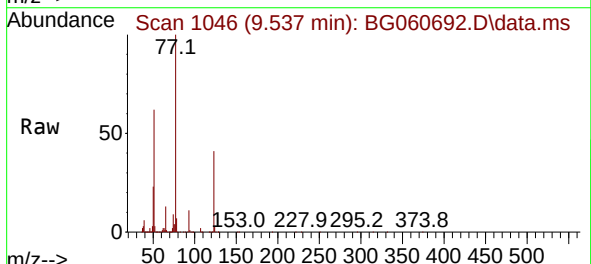
APPROVED

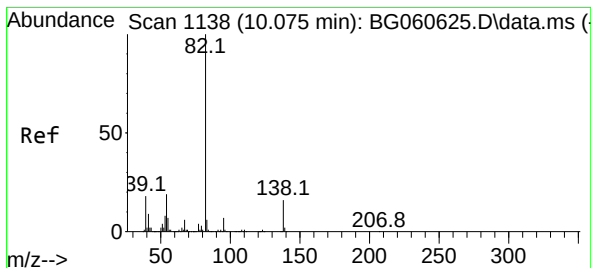
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#24  
Nitrobenzene  
Concen: 47.359 ng  
RT: 9.537 min Scan# 1046  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 77 Resp: 346718  
Ion Ratio Lower Upper  
77 100  
123 40.7 34.8 52.2  
65 13.3 10.6 15.8





#25

Isophorone

Concen: 46.488 ng

RT: 10.042 min Scan# 1132

Delta R.T. 0.003 min

Lab File: BG060692.D

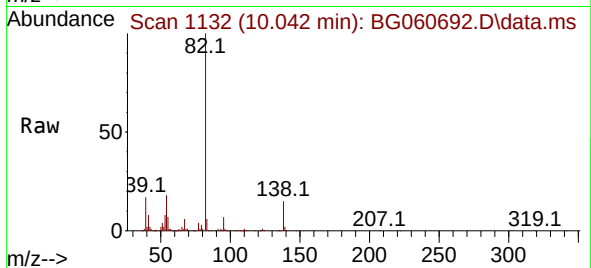
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS



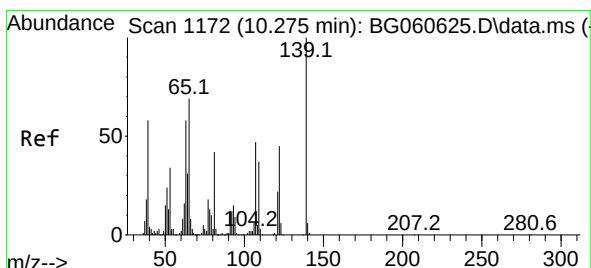
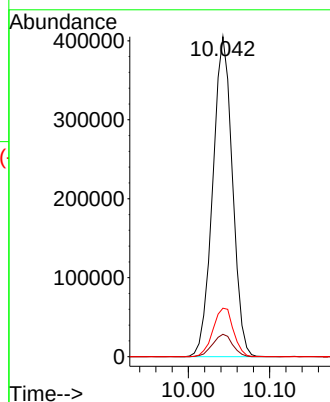
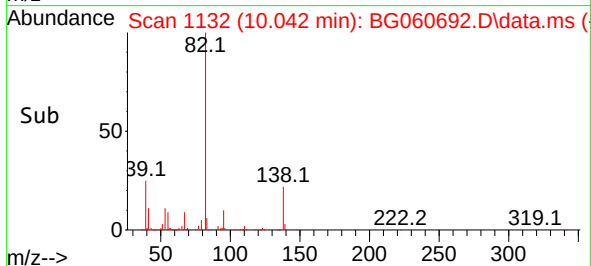
Tgt Ion: 82 Resp: 681354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.0   | 6.0   | 9.0   |
| 138 | 15.1  | 13.0  | 19.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#26

2-Nitrophenol

Concen: 50.669 ng

RT: 10.242 min Scan# 1166

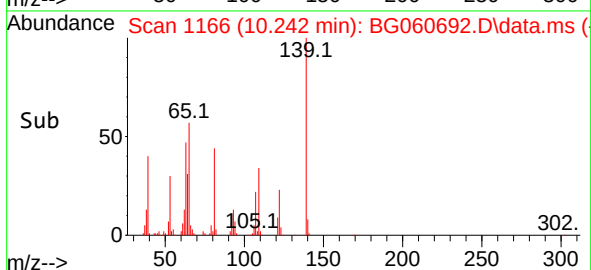
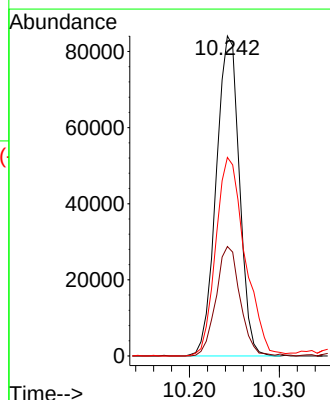
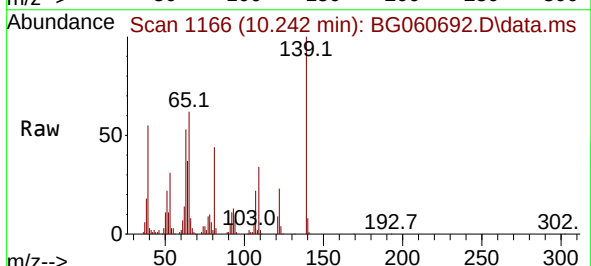
Delta R.T. 0.003 min

Lab File: BG060692.D

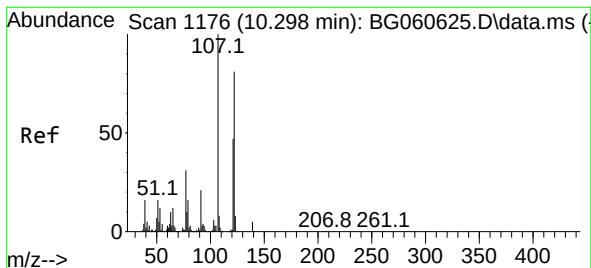
Acq: 20 Mar 2024 15:16

Tgt Ion:139 Resp: 150652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 34.2  | 29.5  | 44.3  |
| 65  | 62.0  | 55.0  | 82.4  |

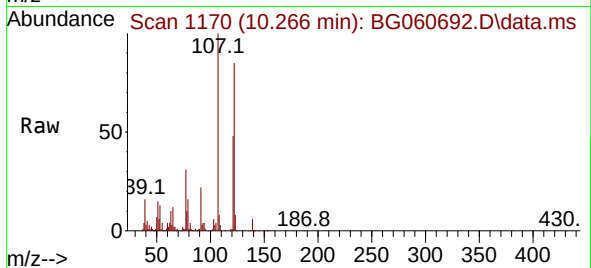






#27  
2,4-Dimethylphenol  
Concen: 38.734 ng  
RT: 10.266 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

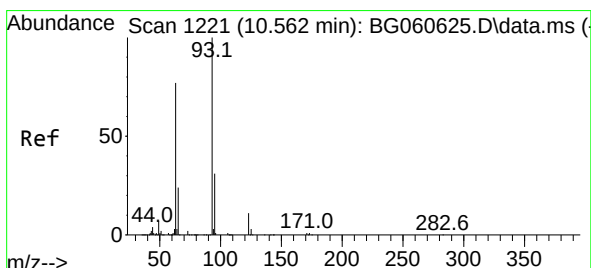
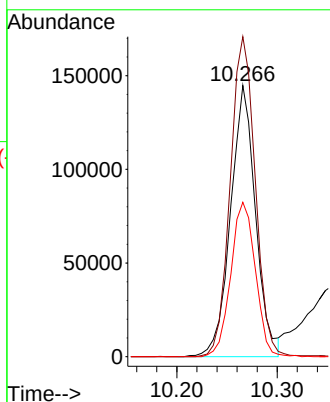
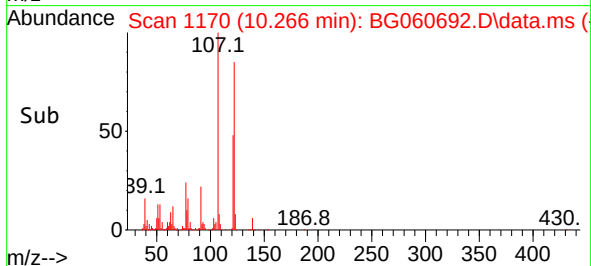
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:122 Resp: 251272  
Ion Ratio Lower Upper  
122 100  
107 118.0 99.3 148.9  
121 57.0 47.1 70.7

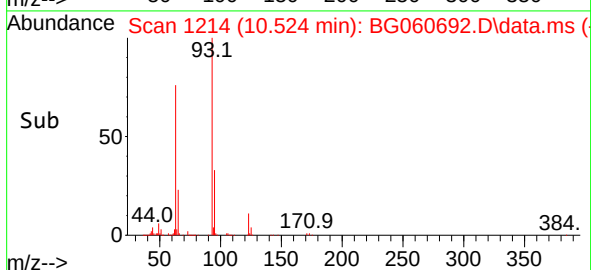
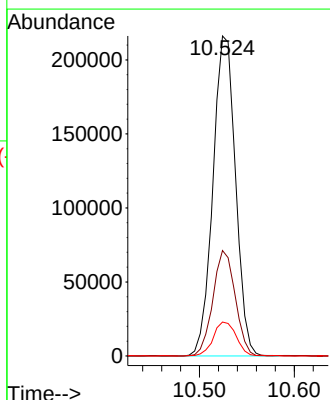
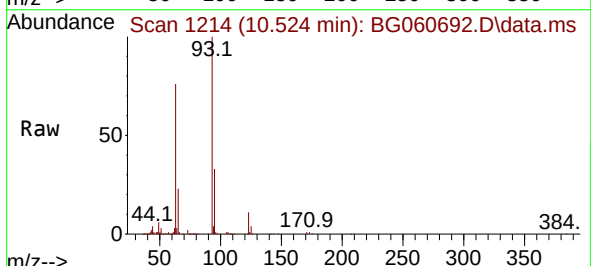
Manual Integrations  
APPROVED

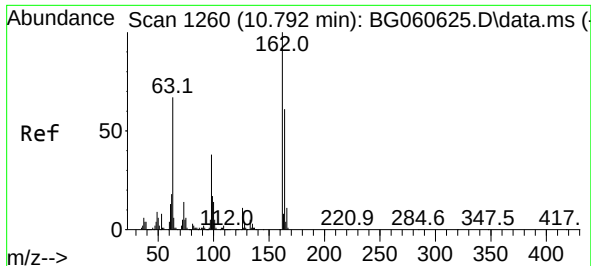
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.791 ng  
RT: 10.524 min Scan# 1214  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

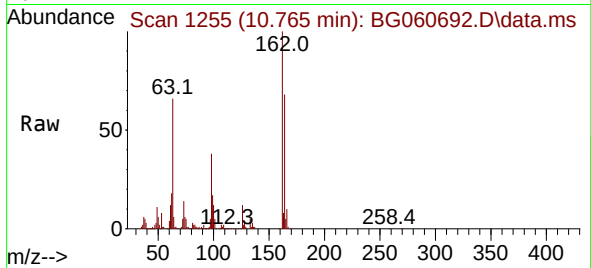
Tgt Ion: 93 Resp: 358410  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.1 37.7  
123 10.6 8.7 13.1





#29  
2,4-Dichlorophenol  
Concen: 48.254 ng  
RT: 10.765 min Scan# 1255  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

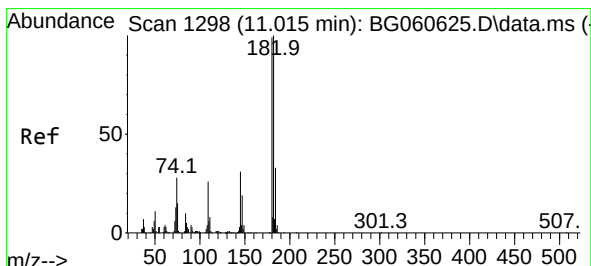
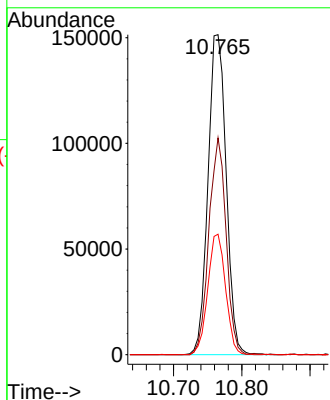
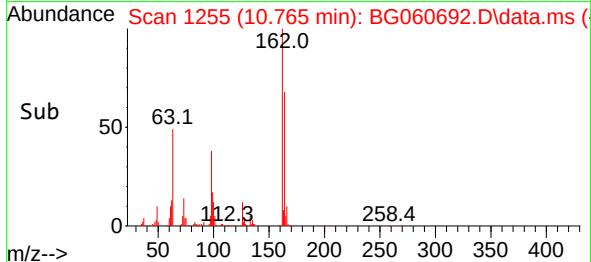
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:162 Resp: 28094  
Ion Ratio Lower Upper  
162 100  
164 67.8 41.0 81.0  
98 37.7 17.9 57.9

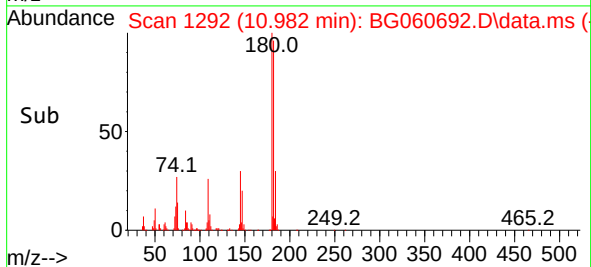
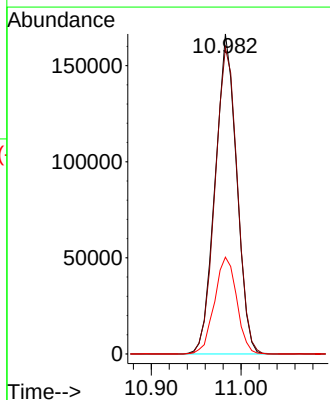
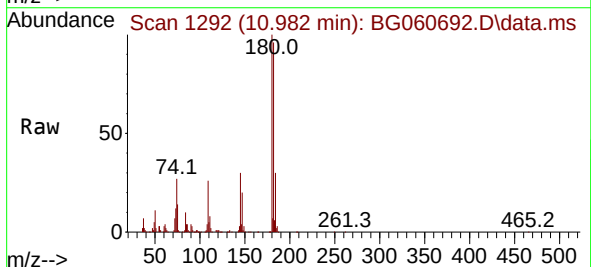
Manual Integrations  
APPROVED

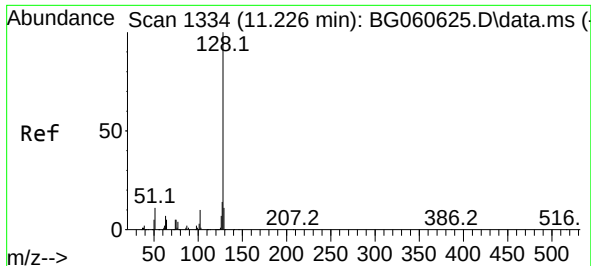
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 44.702 ng  
RT: 10.982 min Scan# 1292  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

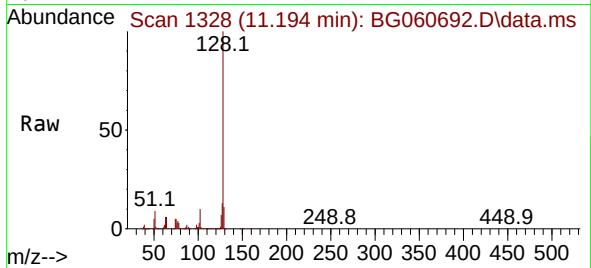
Tgt Ion:180 Resp: 276340  
Ion Ratio Lower Upper  
180 100  
182 95.7 80.7 121.1  
145 30.2 25.4 38.2





#31  
Naphthalene  
Concen: 43.366 ng  
RT: 11.194 min Scan# 11194  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

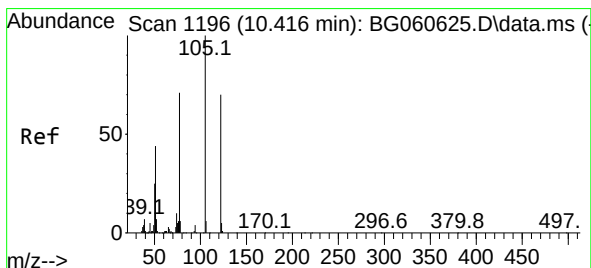
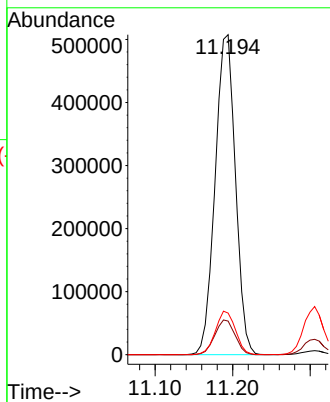
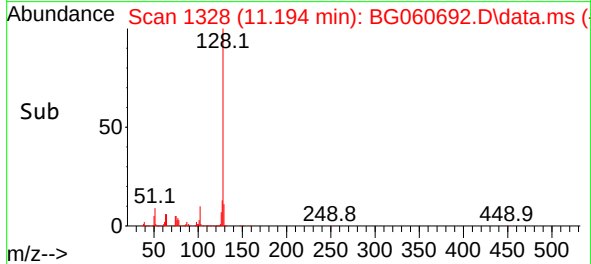
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:128 Resp: 923128  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.6 12.8  
127 13.0 11.0 16.4

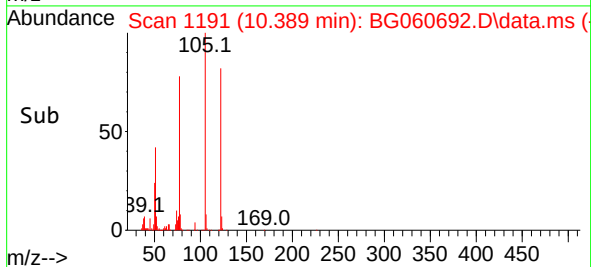
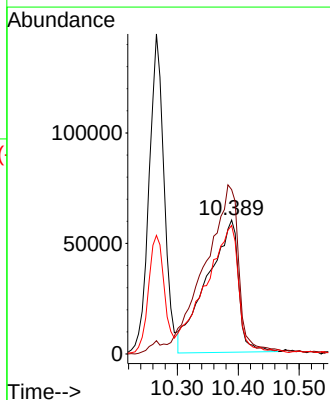
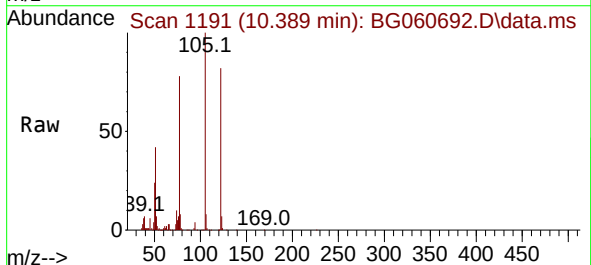
Manual Integrations  
APPROVED

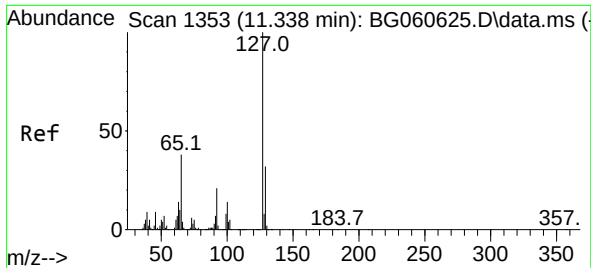
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#32  
Benzoic acid  
Concen: 50.360 ng  
RT: 10.389 min Scan# 1191  
Delta R.T. 0.021 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:122 Resp: 216126  
Ion Ratio Lower Upper  
122 100  
105 122.7 115.0 155.0  
77 95.9 79.0 119.0





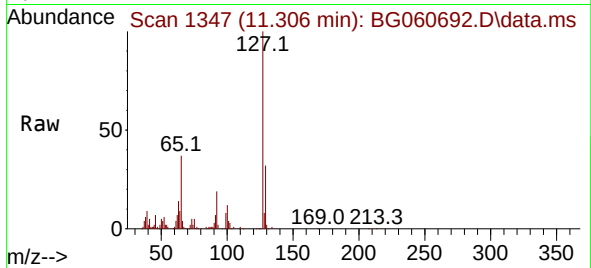
#33  
4-Chloroaniline  
Concen: 15.438 ng  
RT: 11.306 min Scan# 1136  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

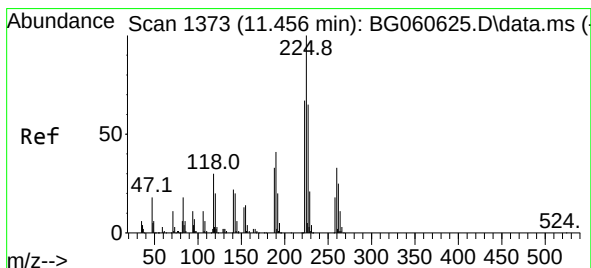
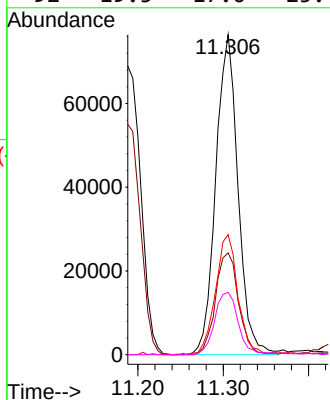
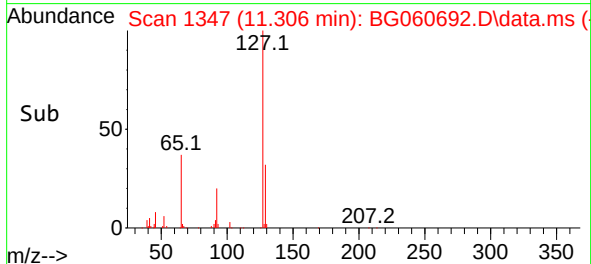


Tgt Ion:127 Resp: 138579  
Ion Ratio Lower Upper  
127 100  
129 31.8 25.6 38.4  
65 37.5 30.2 45.4  
92 19.5 17.0 25.4

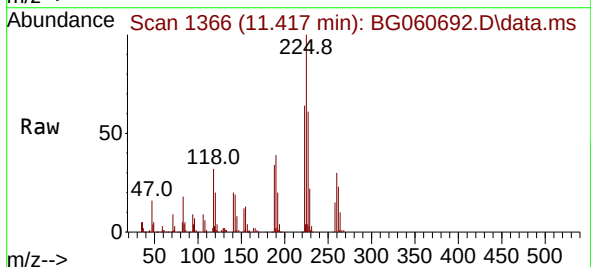
Manual Integrations

APPROVED

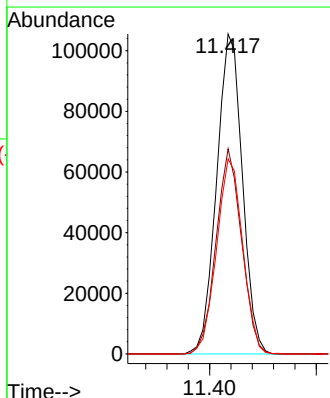
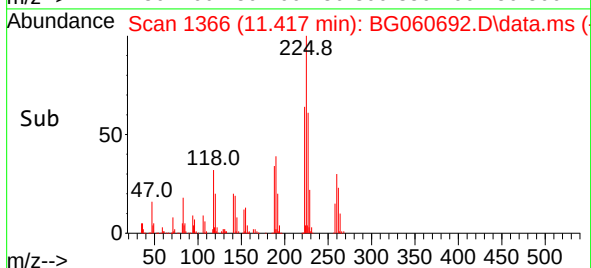
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

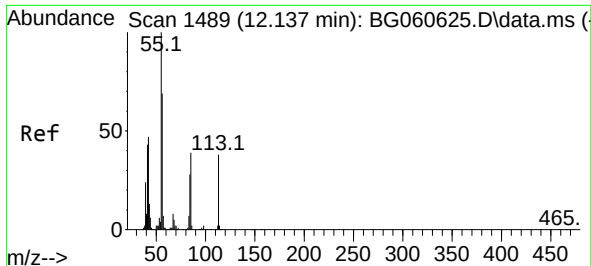


#34  
Hexachlorobutadiene  
Concen: 41.893 ng  
RT: 11.417 min Scan# 1366  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



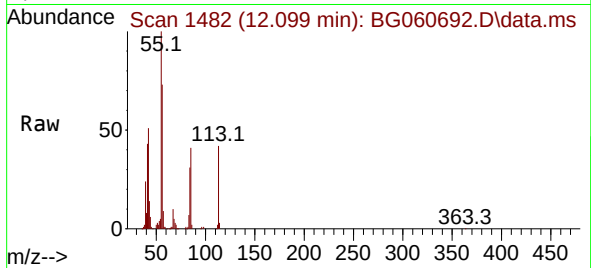
Tgt Ion:225 Resp: 176641  
Ion Ratio Lower Upper  
225 100  
223 64.1 53.5 80.3  
227 61.0 52.0 78.0





#35  
Caprolactam  
Concen: 54.592 ng m  
RT: 12.099 min Scan# 1489  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

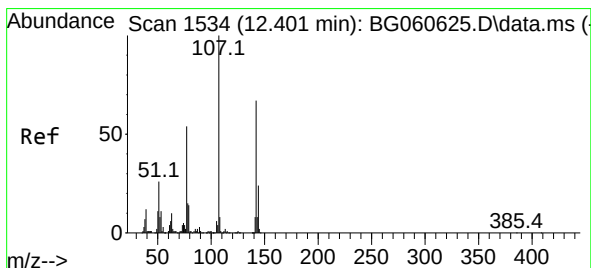
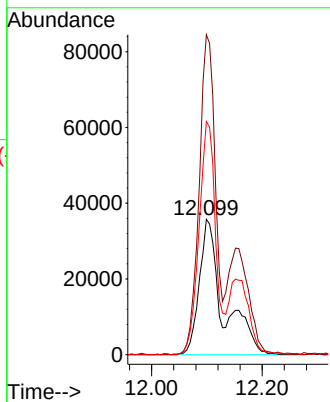
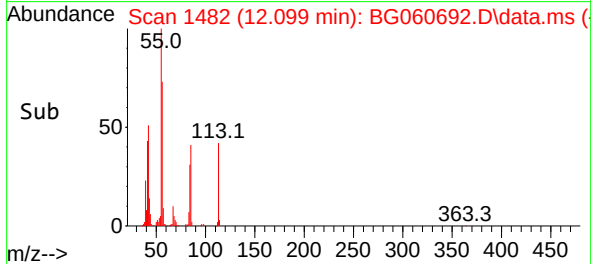
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:113 Resp: 106994  
Ion Ratio Lower Upper  
113 100  
55 236.5 242.3 282.3  
56 172.3 162.1 202.1

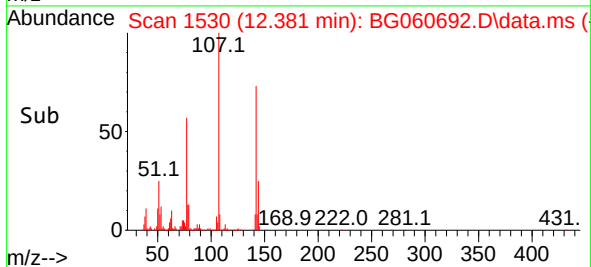
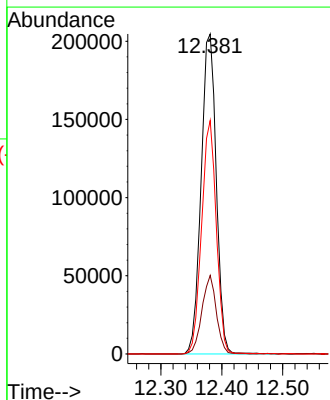
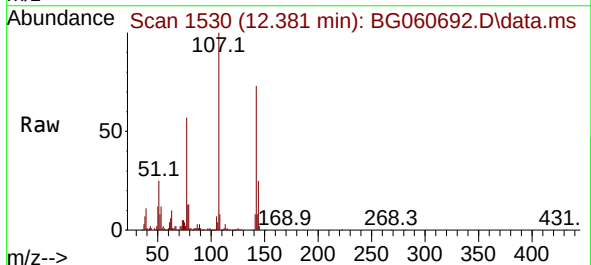
Manual Integrations  
APPROVED

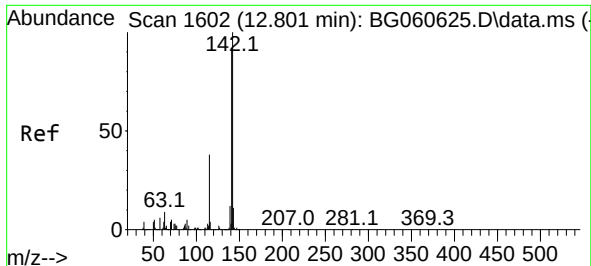
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#36  
4-Chloro-3-methylphenol  
Concen: 49.527 ng  
RT: 12.381 min Scan# 1530  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:107 Resp: 353372  
Ion Ratio Lower Upper  
107 100  
144 24.5 19.0 28.6  
142 73.0 53.7 80.5





#37  
2-Methylnaphthalene  
Concen: 42.971 ng  
RT: 12.769 min Scan# 1596  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

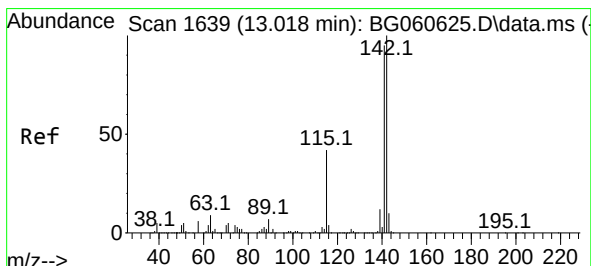
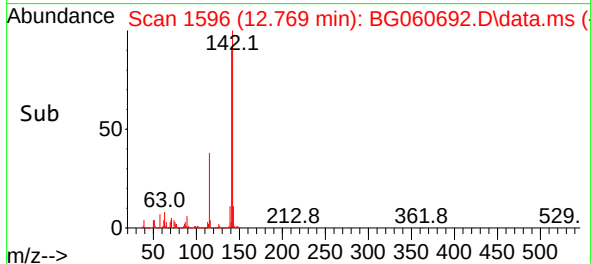
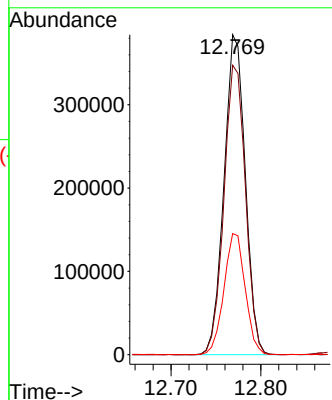
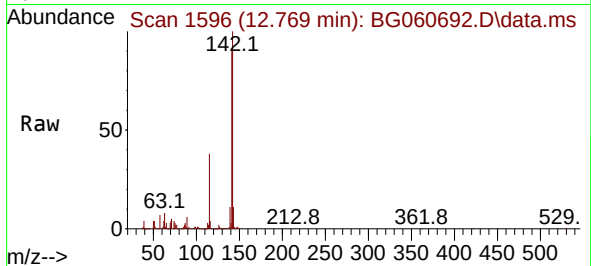
TRENCH-PITMS

Tgt Ion:142 Resp: 631789  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.7 109.1  
115 37.8 30.2 45.2

Manual Integrations

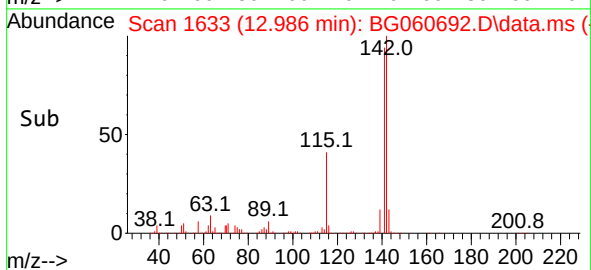
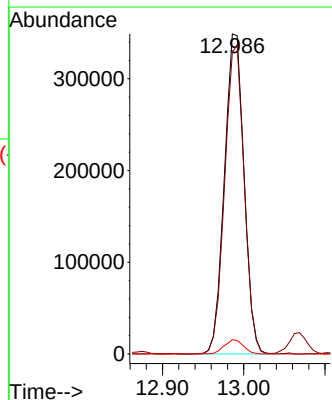
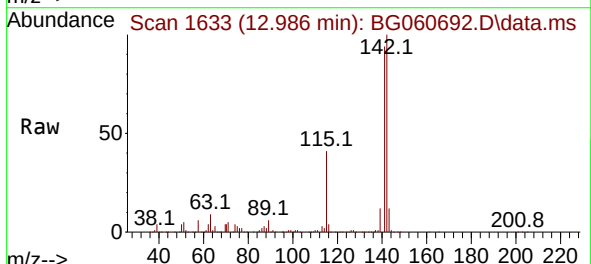
APPROVED

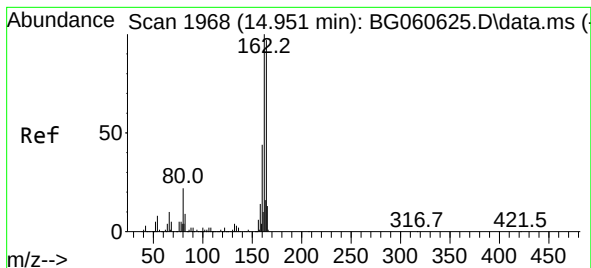
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#38  
1-Methylnaphthalene  
Concen: 42.627 ng  
RT: 12.986 min Scan# 1633  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:142 Resp: 588244  
Ion Ratio Lower Upper  
142 100  
141 94.3 76.3 114.5  
116 4.5 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.925 min Scan# 1963

Delta R.T. -0.003 min

Lab File: BG060692.D

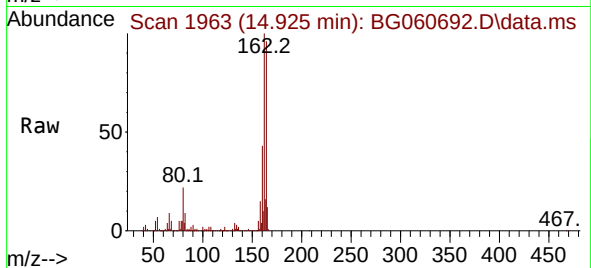
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS



Tgt Ion:164 Resp: 27143

Ion Ratio Lower Upper

164 100

162 103.8 82.5 123.7

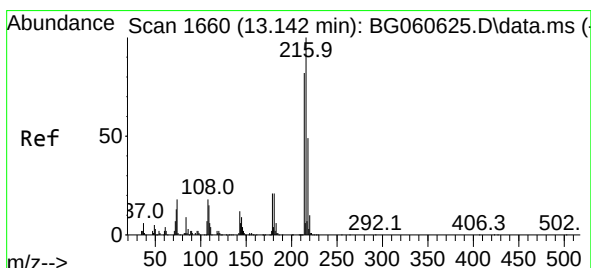
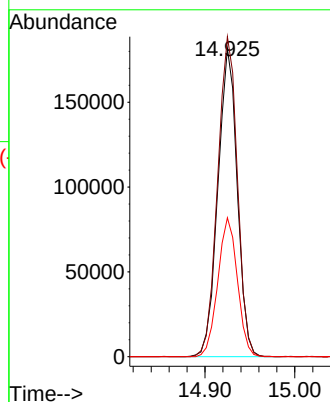
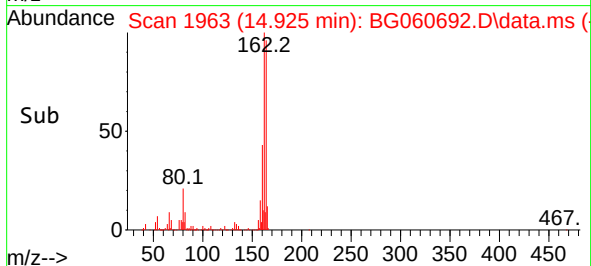
160 45.1 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.391 ng

RT: 13.115 min Scan# 1655

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Tgt Ion:216 Resp: 345031

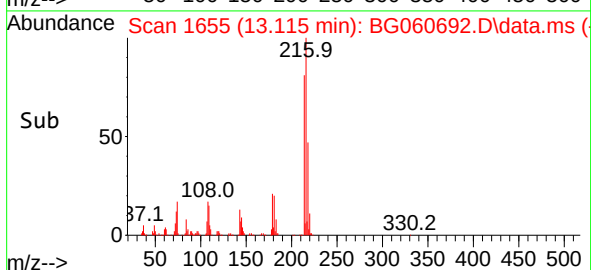
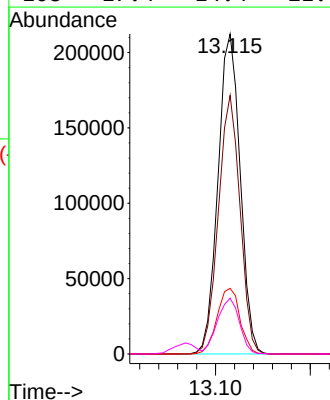
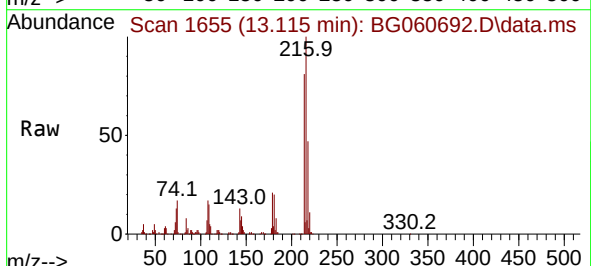
Ion Ratio Lower Upper

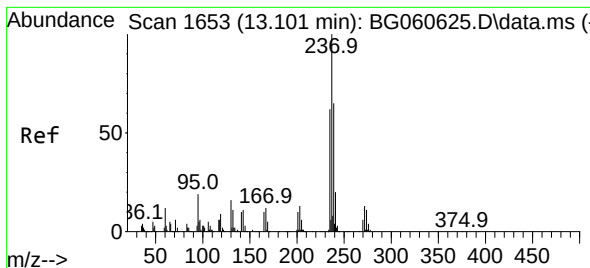
216 100

214 78.7 63.5 95.3

179 21.2 16.4 24.6

108 17.4 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 78.011 ng

RT: 13.068 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:237 Resp: 31978

Ion Ratio Lower Upper

237 100

235 59.7 41.6 81.6

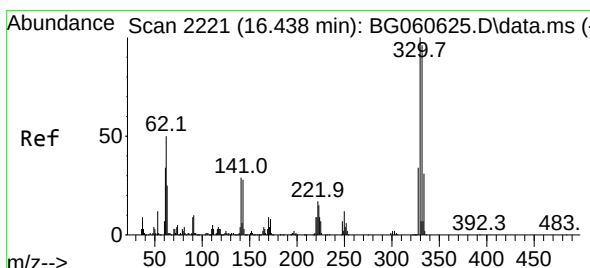
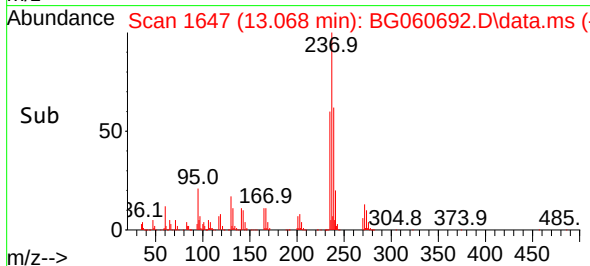
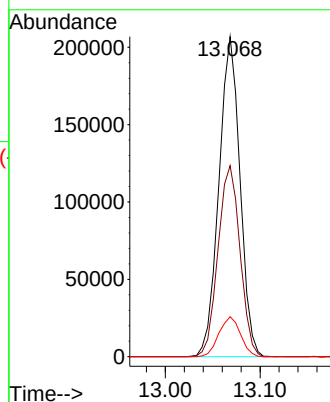
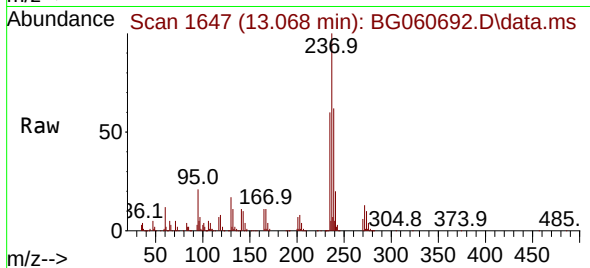
272 12.5 0.0 33.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#42

2,4,6-Tribromophenol

Concen: 132.976 ng

RT: 16.411 min Scan# 2216

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

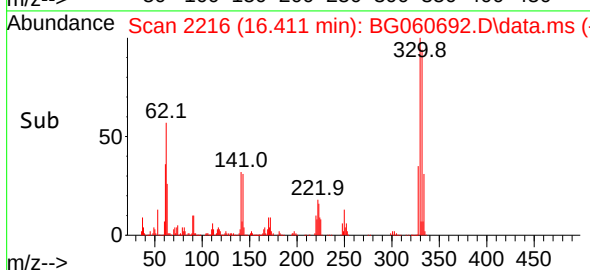
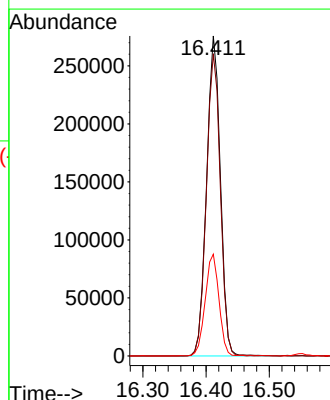
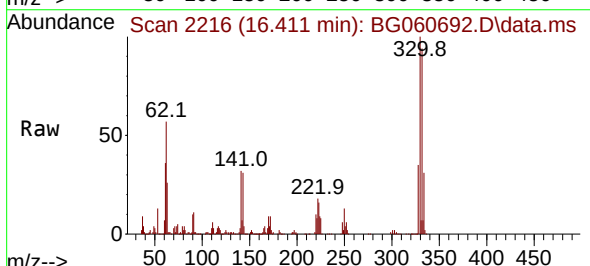
Tgt Ion:330 Resp: 418261

Ion Ratio Lower Upper

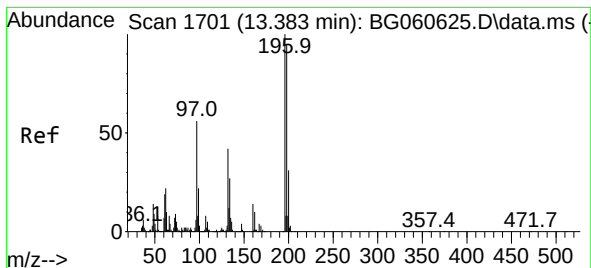
330 100

332 95.6 77.8 116.8

141 32.0 25.4 38.2







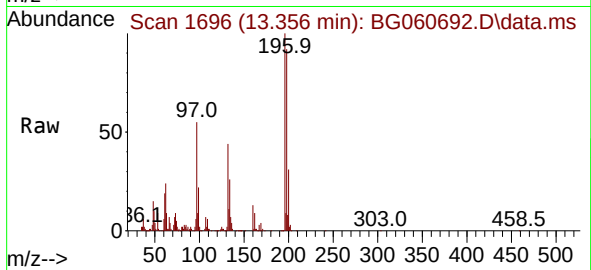
#43  
2,4,6-Trichlorophenol  
Concen: 47.646 ng  
RT: 13.356 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

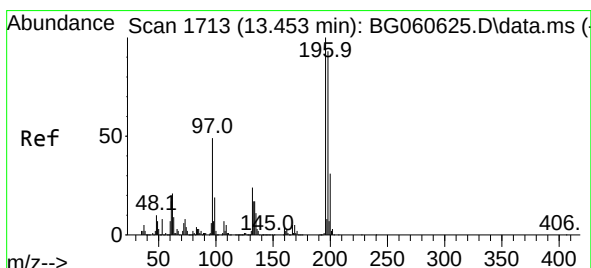
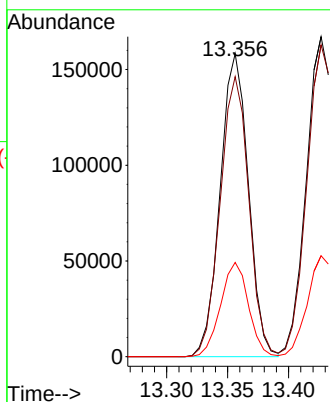
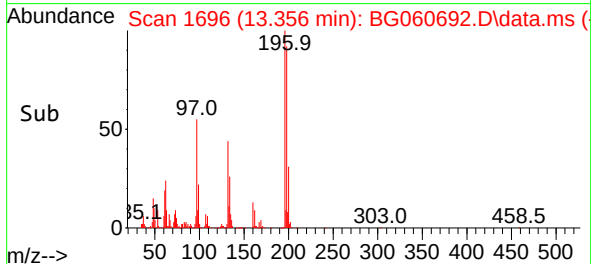


Tgt Ion:196 Resp: 25502  
Ion Ratio Lower Upper  
196 100  
198 92.4 76.2 114.2  
200 31.1 24.9 37.3

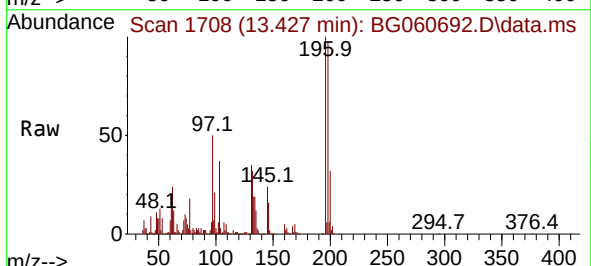
Manual Integrations

APPROVED

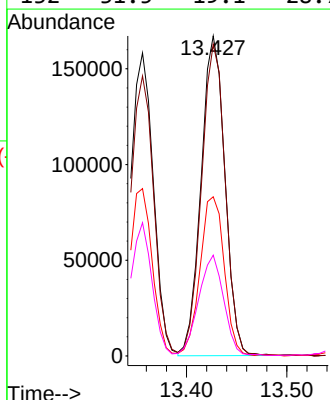
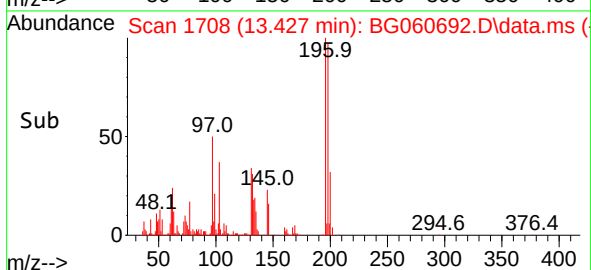
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

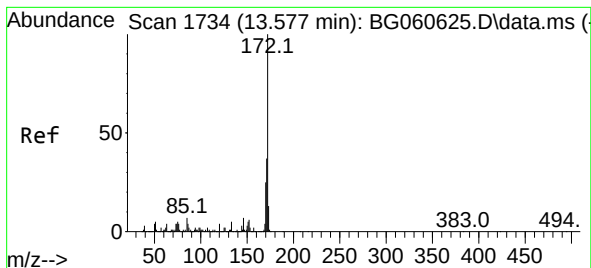


#44  
2,4,5-Trichlorophenol  
Concen: 43.661 ng  
RT: 13.427 min Scan# 1708  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



Tgt Ion:196 Resp: 276453  
Ion Ratio Lower Upper  
196 100  
198 97.4 74.6 112.0  
97 49.7 39.3 58.9  
132 31.5 19.1 28.7#





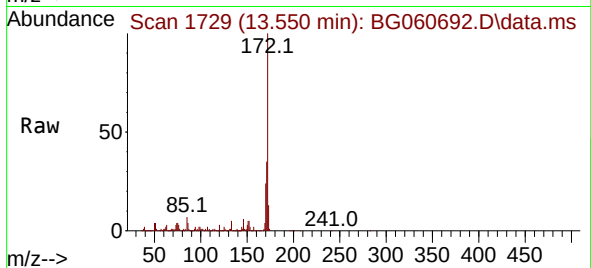
#45  
2-Fluorobiphenyl  
Concen: 56.940 ng  
RT: 13.550 min Scan# 1729  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

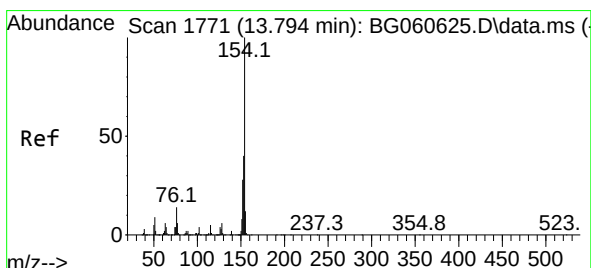
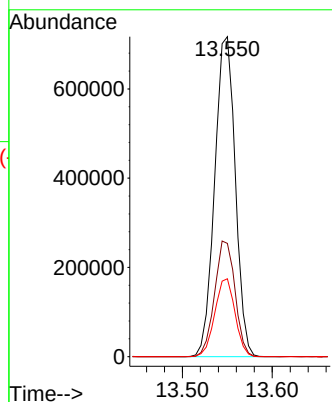
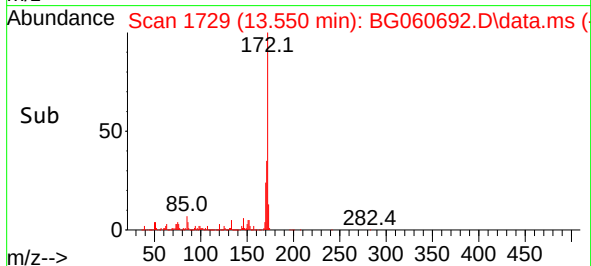


Tgt Ion:172 Resp: 1143130  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.9 44.9  
170 24.4 19.8 29.6

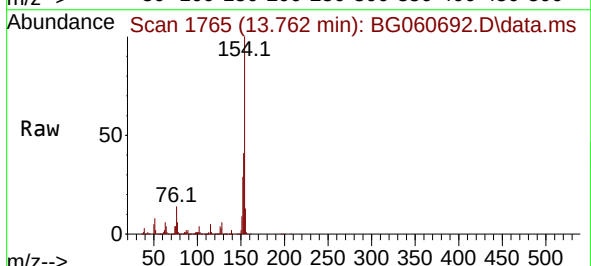
Manual Integrations

APPROVED

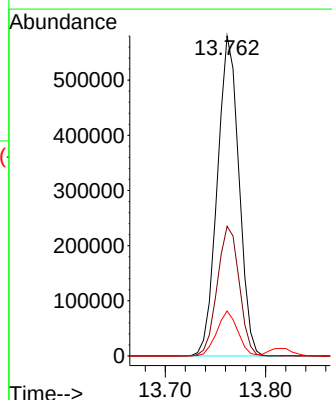
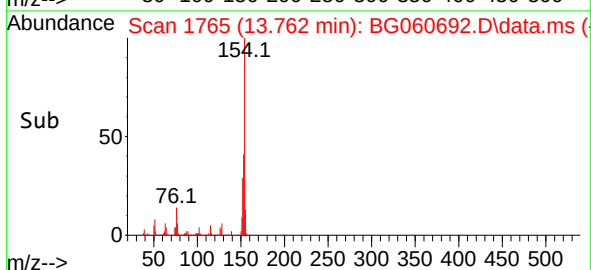
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

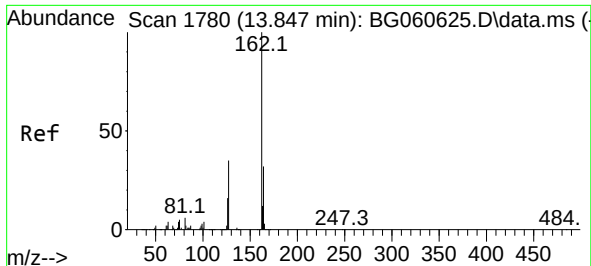


#46  
1,1'-Biphenyl  
Concen: 41.968 ng  
RT: 13.762 min Scan# 1765  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



Tgt Ion:154 Resp: 865893  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.4 60.4  
76 14.0 0.0 34.3





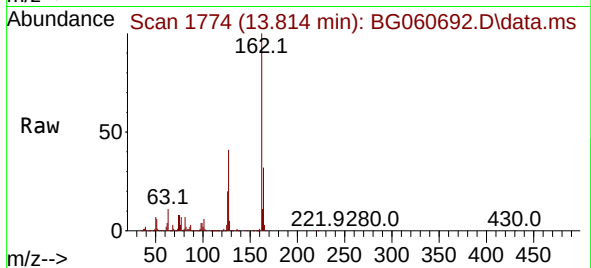
#47  
2-Chloronaphthalene  
Concen: 43.531 ng  
RT: 13.814 min Scan# 1774  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

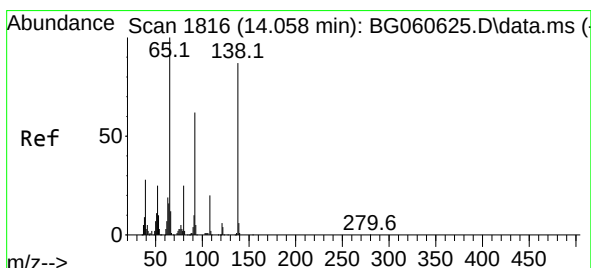
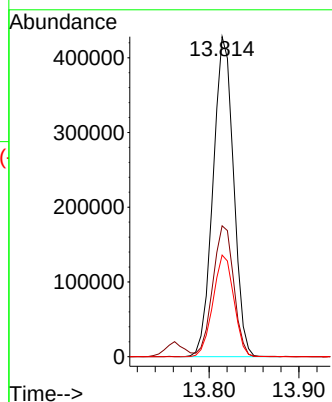
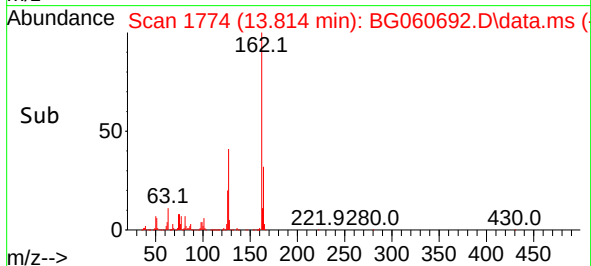


Tgt Ion:162 Resp: 67783  
Ion Ratio Lower Upper  
162 100  
127 40.9 30.8 46.2  
164 31.8 25.8 38.6

Manual Integrations

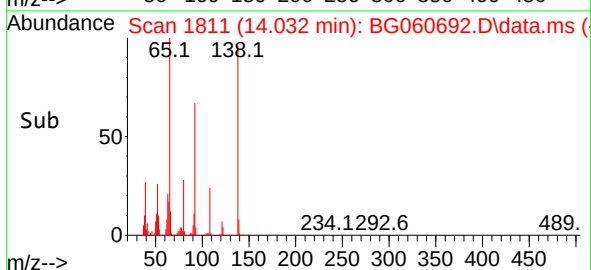
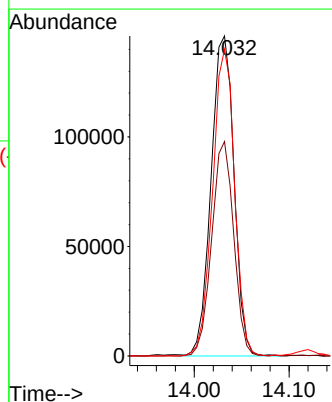
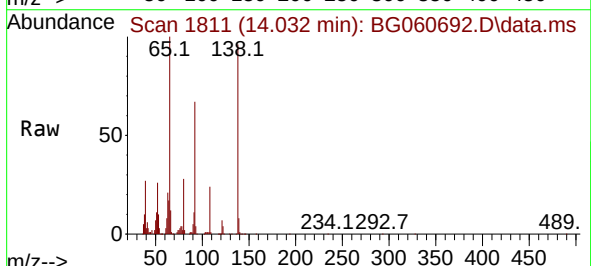
APPROVED

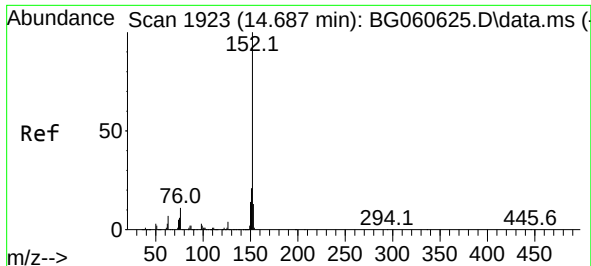
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#48  
2-Nitroaniline  
Concen: 47.744 ng  
RT: 14.032 min Scan# 1811  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion: 65 Resp: 245366  
Ion Ratio Lower Upper  
65 100  
92 67.0 49.8 74.6  
138 95.8 69.8 104.8





#49  
Acenaphthylene  
Concen: 46.671 ng  
RT: 14.661 min Scan# 1918  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

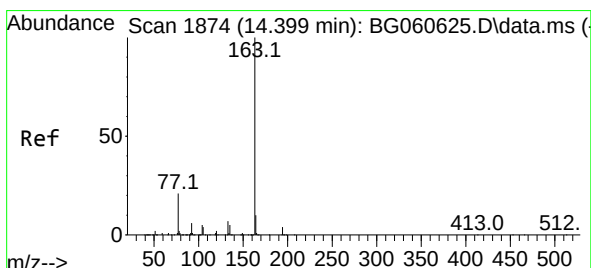
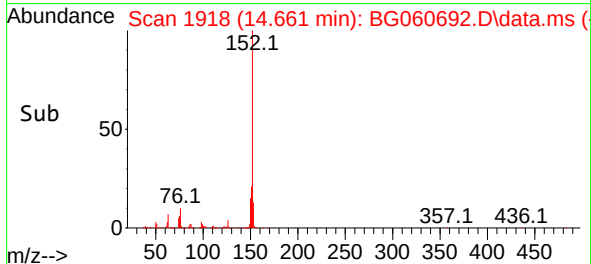
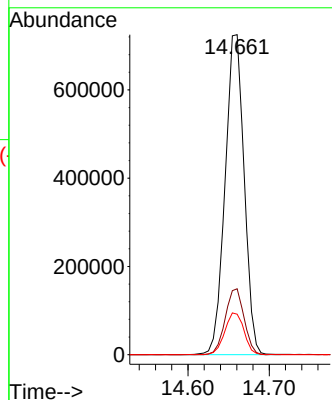
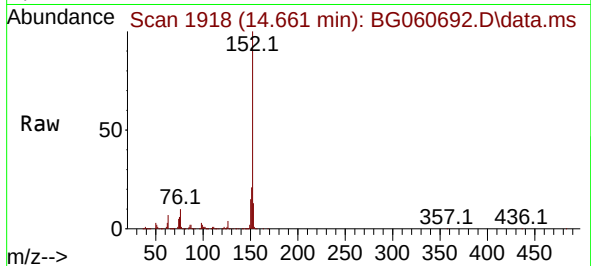
TRENCH-PITMS

Tgt Ion:152 Resp: 118388  
Ion Ratio Lower Upper  
152 100  
151 20.6 17.1 25.7  
153 12.7 10.3 15.5

Manual Integrations

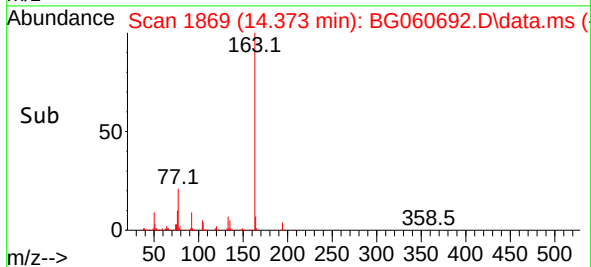
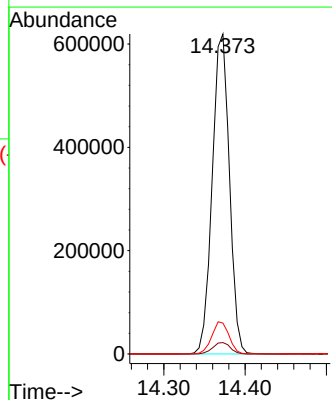
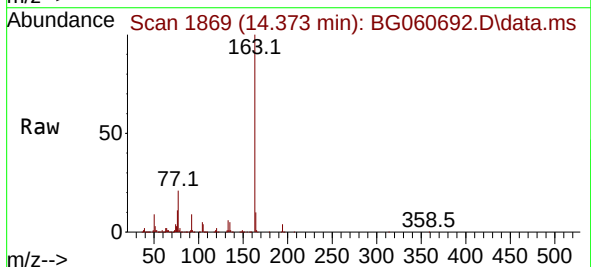
APPROVED

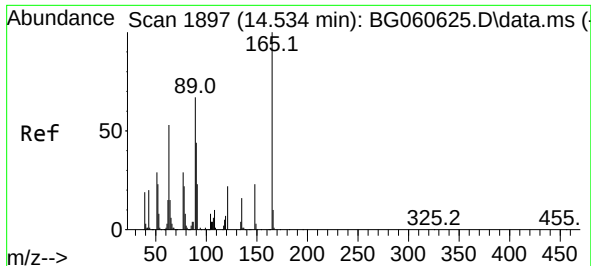
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#50  
Dimethylphthalate  
Concen: 44.582 ng  
RT: 14.373 min Scan# 1869  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

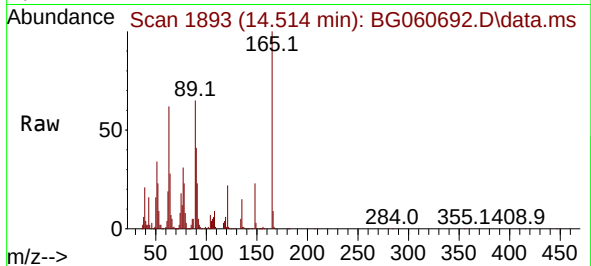
Tgt Ion:163 Resp: 907575  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.6  
164 9.7 7.6 11.4





#51  
2,6-Dinitrotoluene  
Concen: 49.824 ng  
RT: 14.514 min Scan# 1893  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

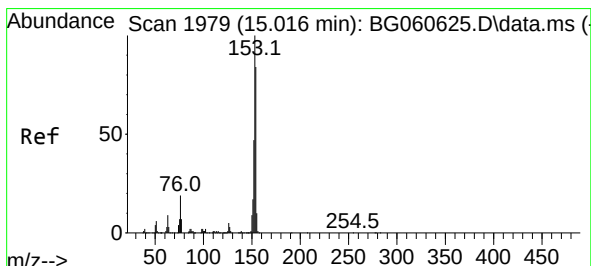
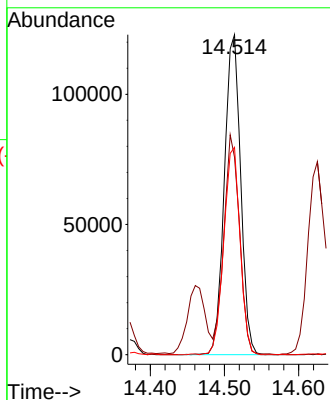
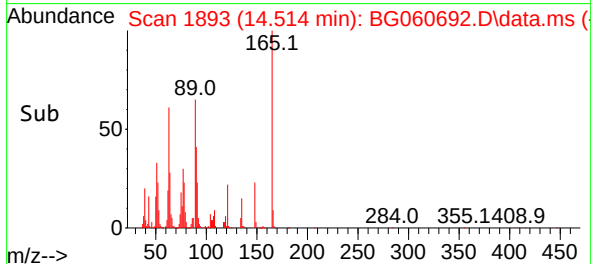
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:165 Resp: 186892  
Ion Ratio Lower Upper  
165 100  
63 61.7 55.8 83.6  
89 64.8 54.1 81.1

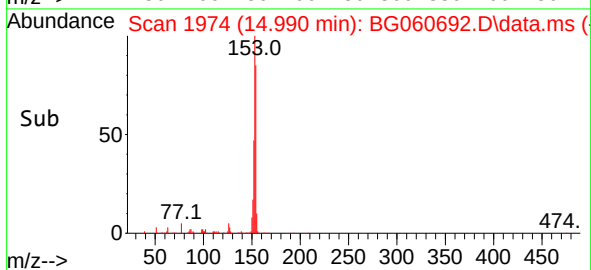
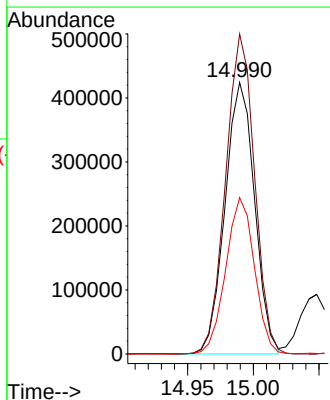
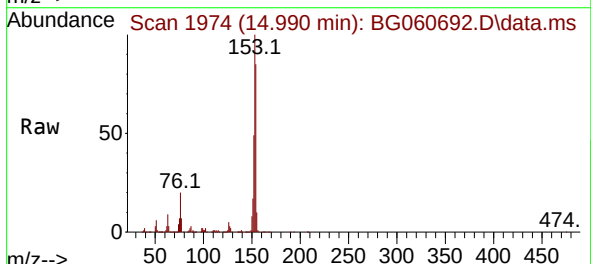
Manual Integrations  
APPROVED

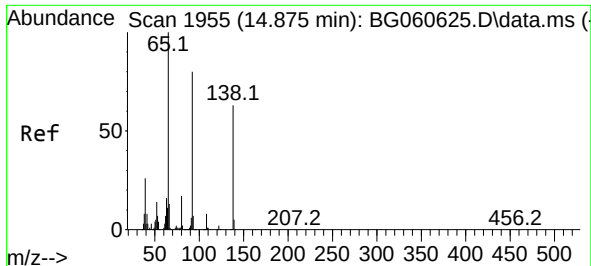
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#52  
Acenaphthene  
Concen: 43.922 ng  
RT: 14.990 min Scan# 1974  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:154 Resp: 665775  
Ion Ratio Lower Upper  
154 100  
153 117.8 94.8 142.2  
152 57.6 44.8 67.2





#53  
3-Nitroaniline  
Concen: 27.368 ng  
RT: 14.849 min Scan# 1955  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

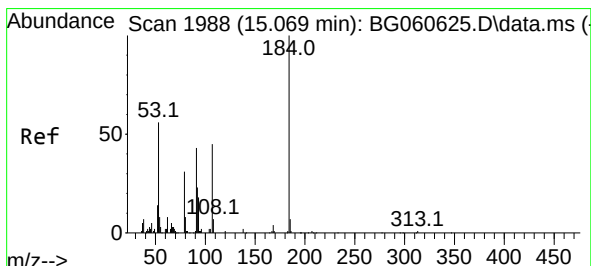
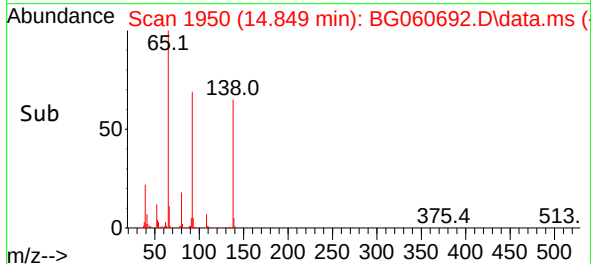
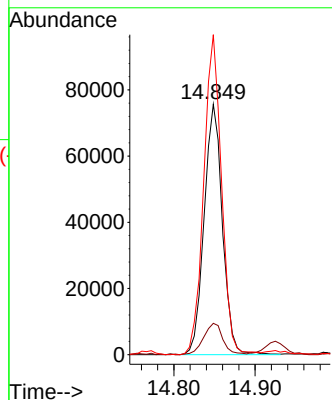
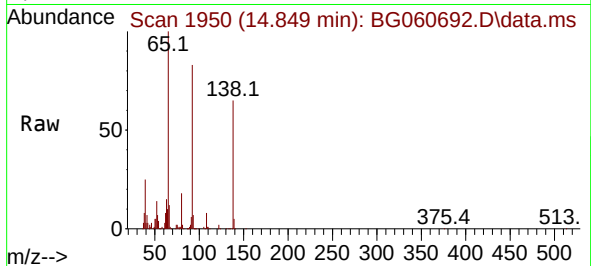
TRENCH-PITMS

Tgt Ion:138 Resp: 118204  
Ion Ratio Lower Upper  
138 100  
108 12.5 9.8 14.8  
92 127.8 101.0 151.6

Manual Integrations

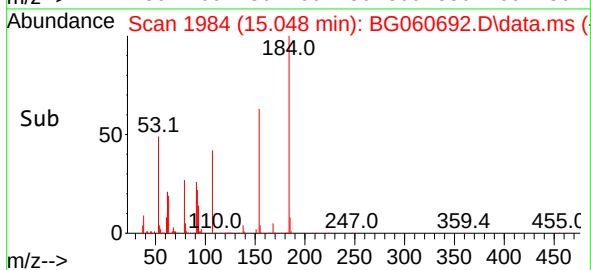
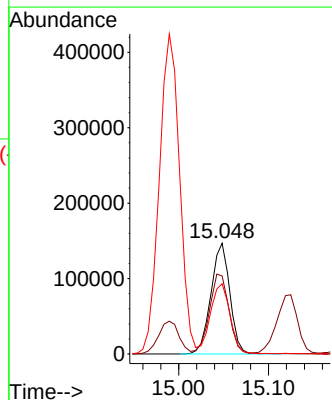
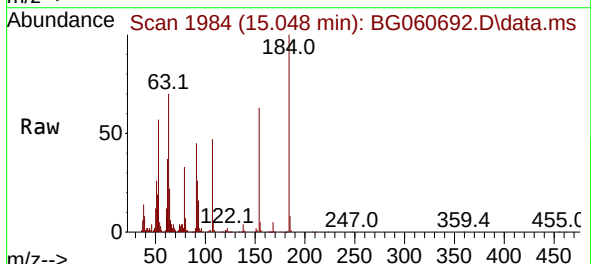
APPROVED

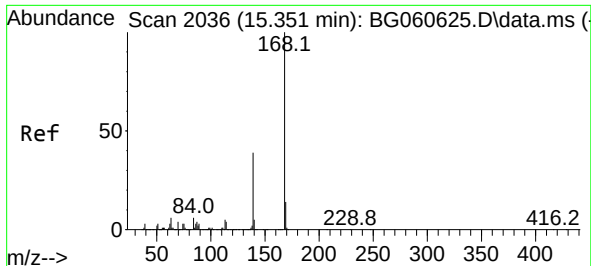
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#54  
2,4-Dinitrophenol  
Concen: 109.034 ng  
RT: 15.048 min Scan# 1984  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:184 Resp: 214598  
Ion Ratio Lower Upper  
184 100  
63 70.5 54.4 81.6  
154 63.4 50.4 75.6





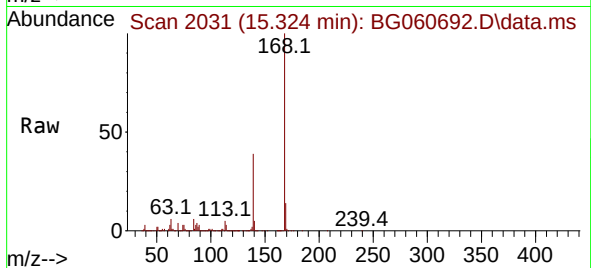
#55  
Dibenzenofuran  
Concen: 45.290 ng  
RT: 15.324 min Scan# 2036  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

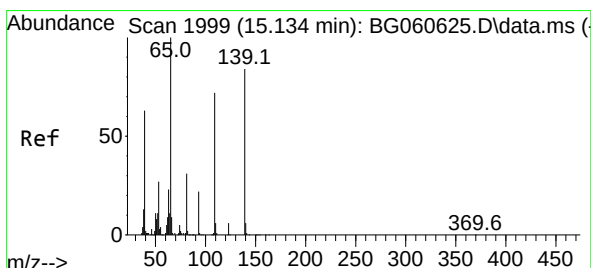
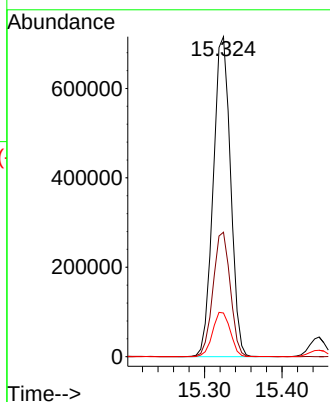
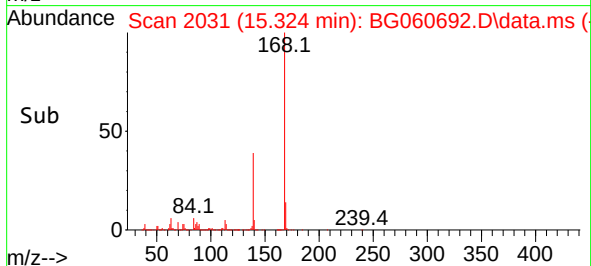


Tgt Ion:168 Resp: 111155  
Ion Ratio Lower Upper  
168 100  
139 38.9 30.9 46.3  
169 13.6 10.9 16.3

Manual Integrations

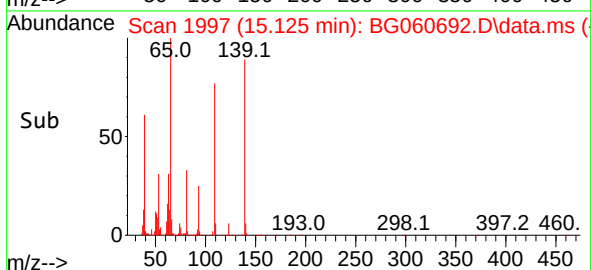
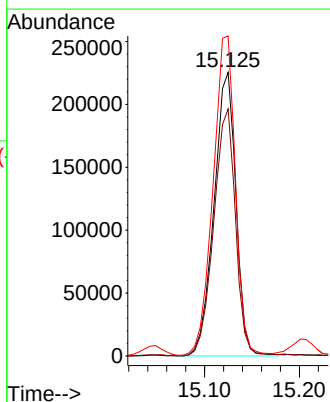
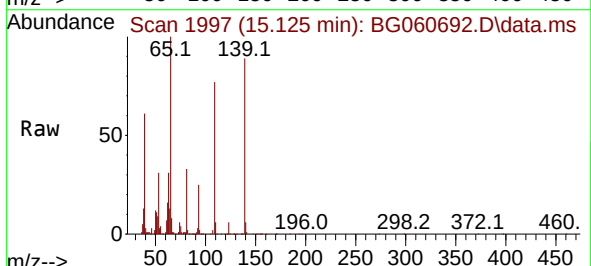
APPROVED

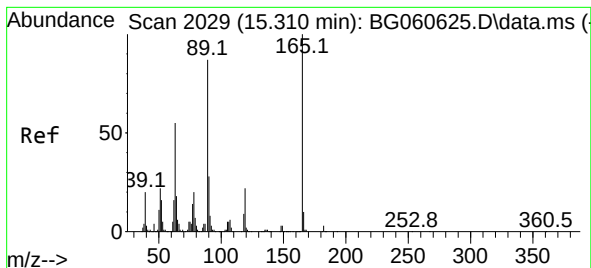
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#56  
4-Nitrophenol  
Concen: 112.555 ng  
RT: 15.125 min Scan# 1997  
Delta R.T. 0.009 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:139 Resp: 362747  
Ion Ratio Lower Upper  
139 100  
109 87.1 66.1 106.1  
65 112.9 99.7 139.7





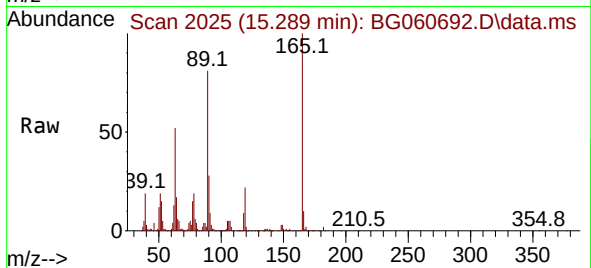
#57  
2,4-Dinitrotoluene  
Concen: 56.513 ng  
RT: 15.289 min Scan# 2029  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

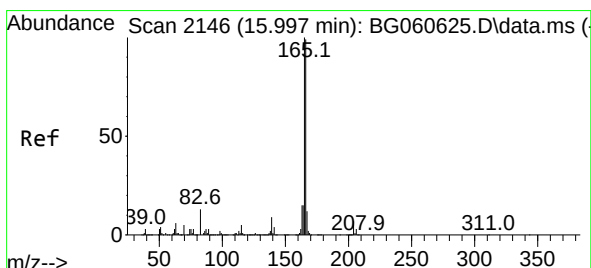
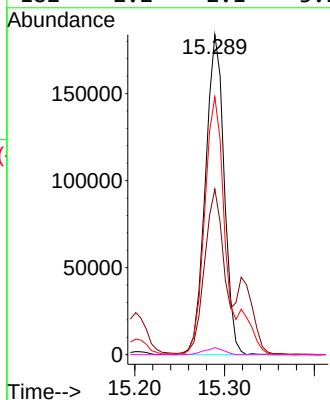
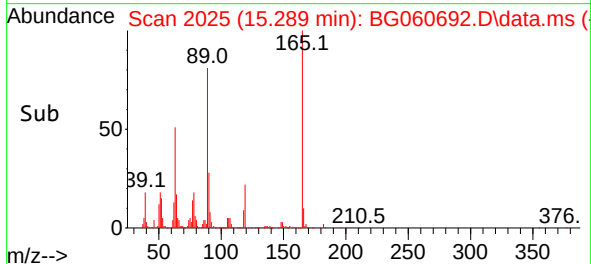


Tgt Ion:165 Resp: 26667  
Ion Ratio Lower Upper  
165 100  
63 51.7 44.1 66.1  
89 80.6 69.7 104.5  
182 2.2 2.1 3.1

Manual Integrations

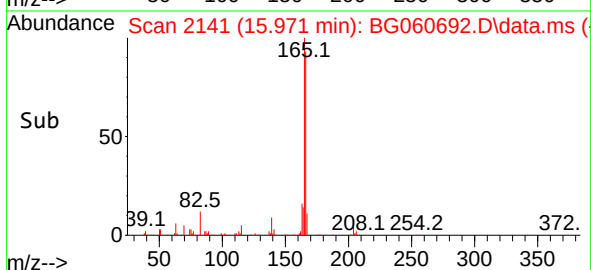
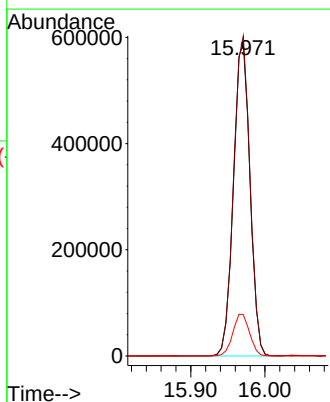
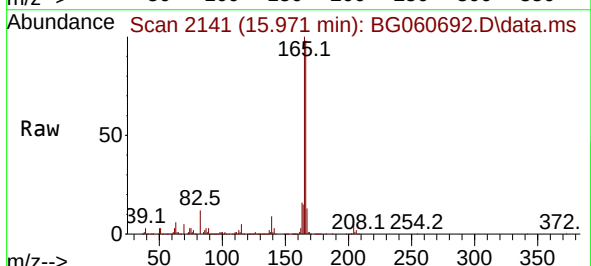
APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

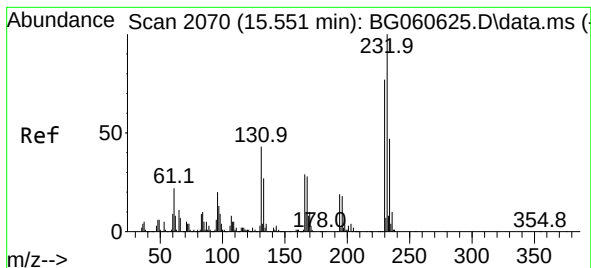


#58  
Fluorene  
Concen: 46.330 ng  
RT: 15.971 min Scan# 2141  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:166 Resp: 909748  
Ion Ratio Lower Upper  
166 100  
165 102.5 80.5 120.7  
167 13.2 9.9 14.9

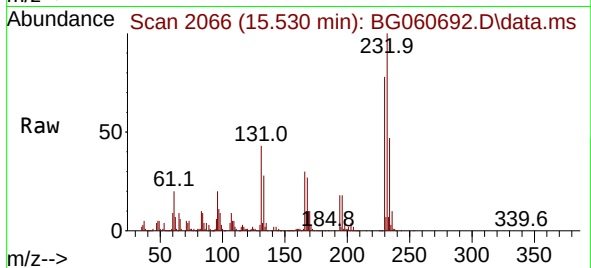






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.745 ng m  
RT: 15.530 min Scan# 2066  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

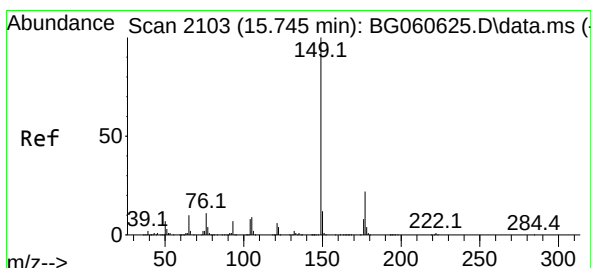
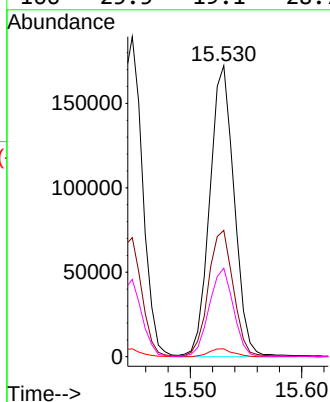
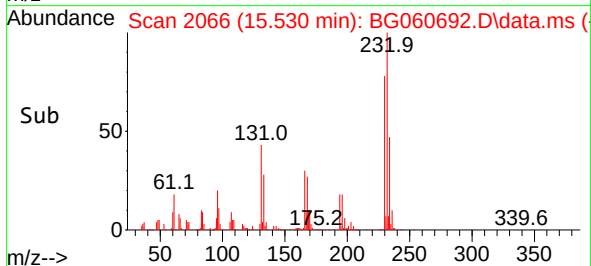
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:232 Resp: 262672  
Ion Ratio Lower Upper  
232 100  
131 40.1 31.2 46.8  
130 2.6 2.1 3.1  
166 25.5 19.1 28.7

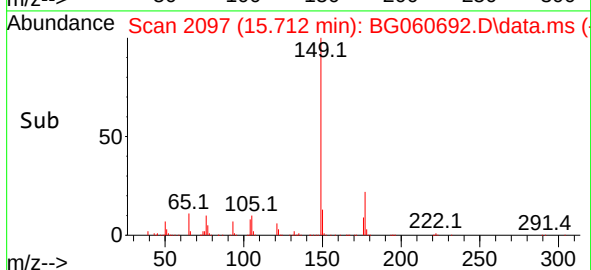
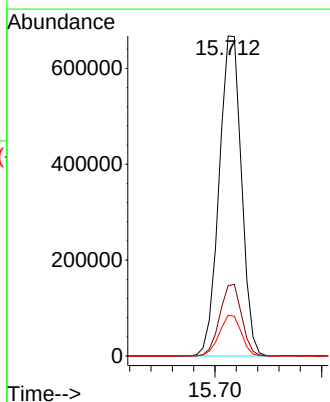
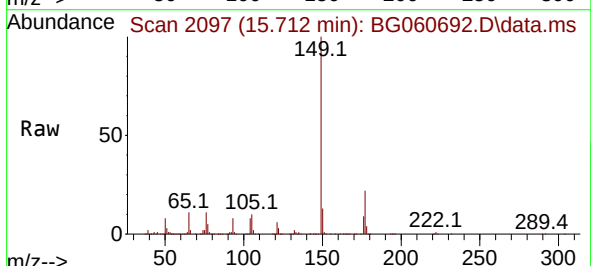
Manual Integrations  
APPROVED

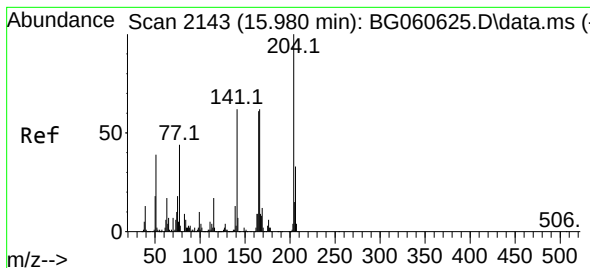
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#60  
Diethylphthalate  
Concen: 46.269 ng  
RT: 15.712 min Scan# 2097  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

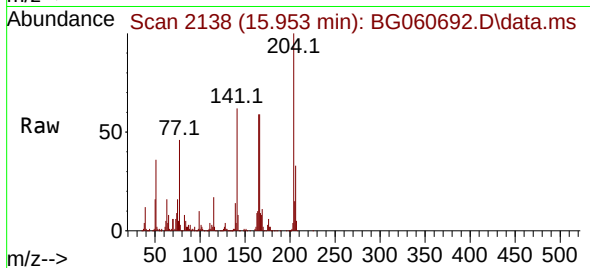
Tgt Ion:149 Resp: 969160  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.3 25.9  
150 12.7 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 43.557 ng  
RT: 15.953 min Scan# 2143  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

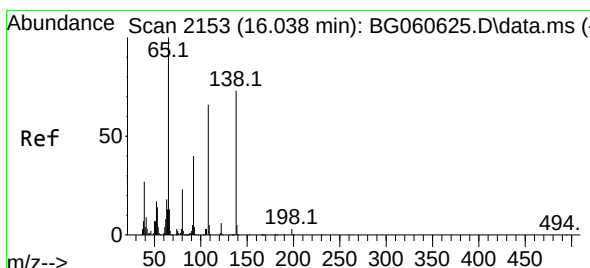
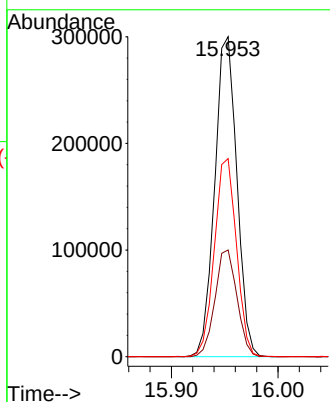
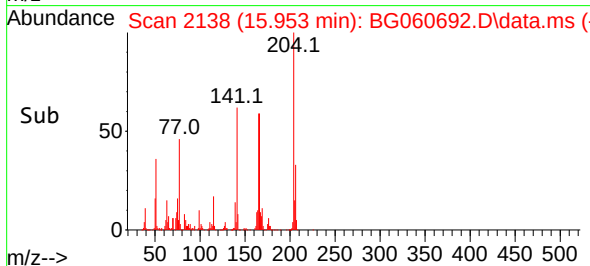
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



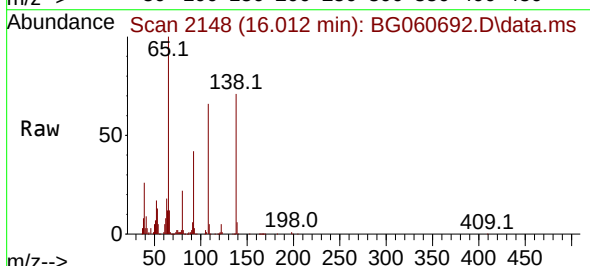
Tgt Ion:204 Resp: 433240  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.2 39.2  
141 61.9 49.4 74.2

Manual Integrations  
APPROVED

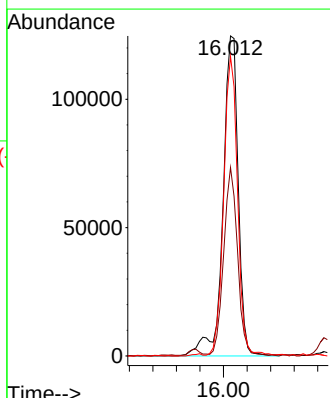
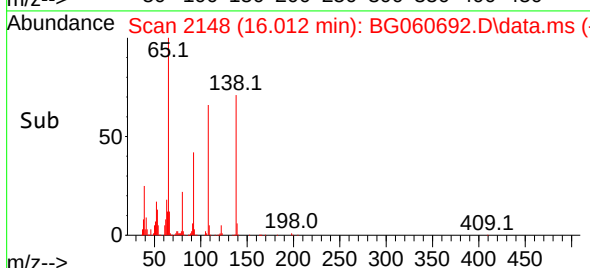
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024

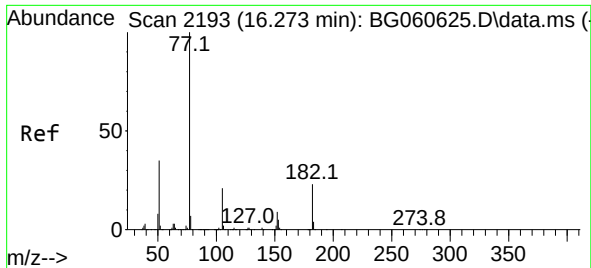


#62  
4-Nitroaniline  
Concen: 50.736 ng m  
RT: 16.012 min Scan# 2148  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16



Tgt Ion:138 Resp: 224390  
Ion Ratio Lower Upper  
138 100  
92 58.9 35.4 75.4  
108 93.6 70.8 110.8





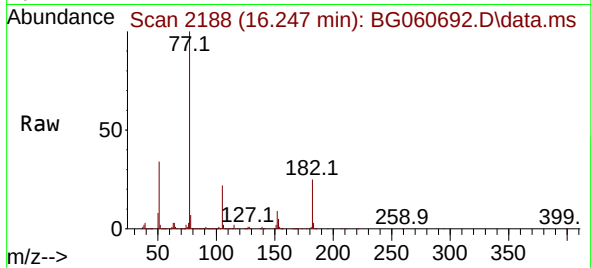
#63  
Azobenzene  
Concen: 44.940 ng  
RT: 16.247 min Scan# 2193  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

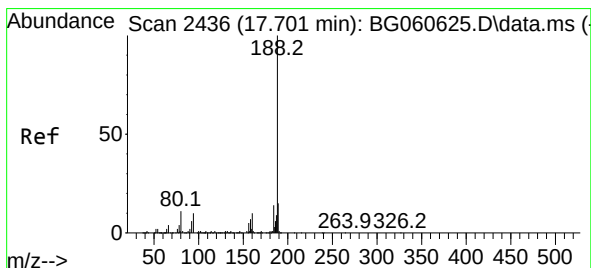
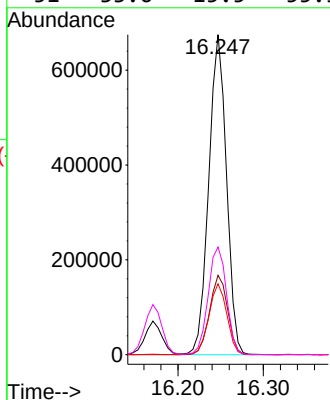
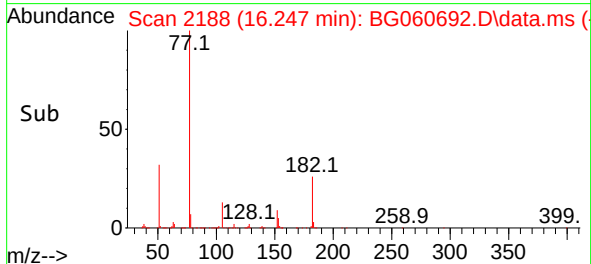


Tgt Ion: 77 Resp: 97416  
Ion Ratio Lower Upper  
77 100  
182 24.8 3.4 43.4  
105 22.2 0.5 40.5  
51 33.6 15.5 55.5

Manual Integrations

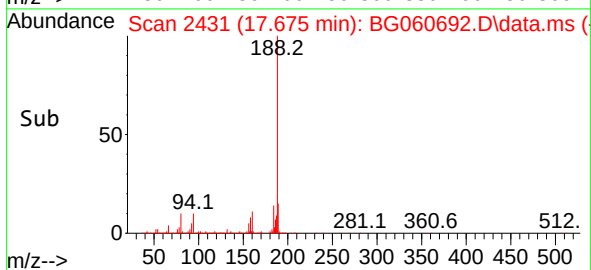
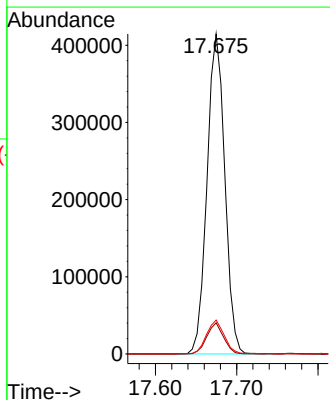
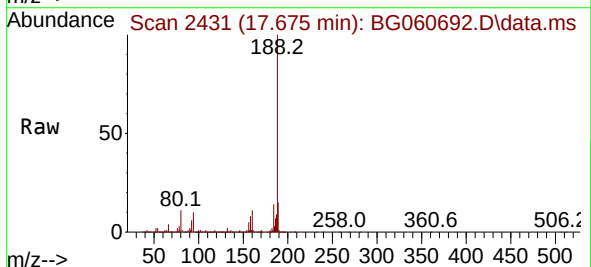
APPROVED

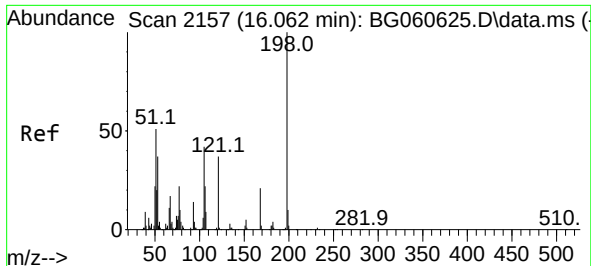
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.675 min Scan# 2431  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

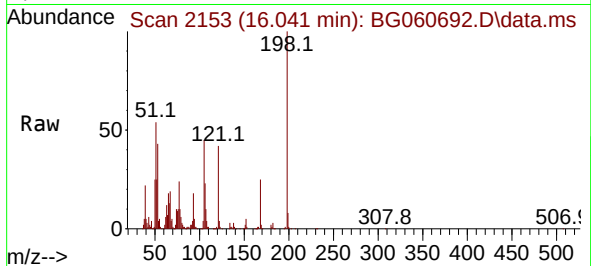
Tgt Ion:188 Resp: 628549  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.9 11.9  
80 10.6 8.6 13.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.427 ng  
RT: 16.041 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

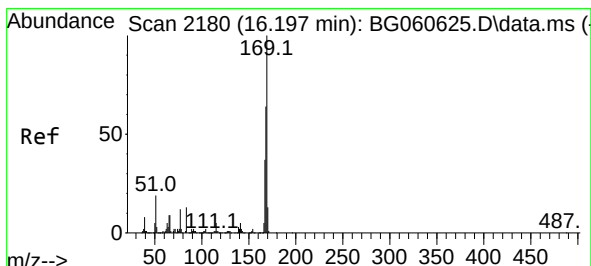
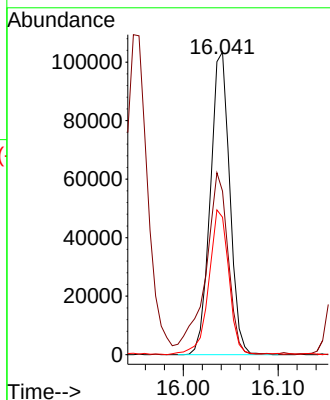
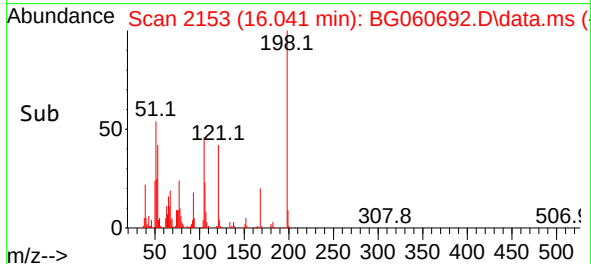
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:198 Resp: 147152  
Ion Ratio Lower Upper  
198 100  
51 54.0 36.9 76.9  
105 45.4 22.4 62.4

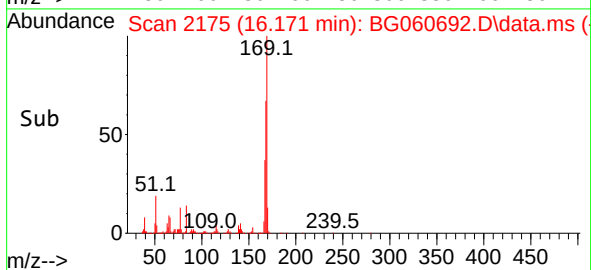
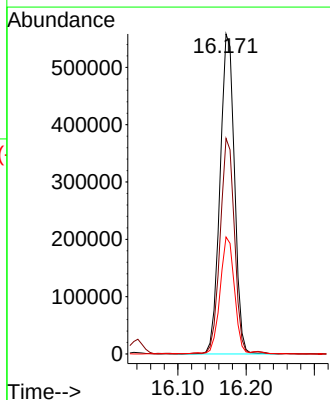
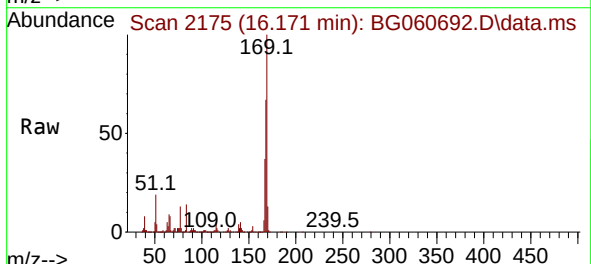
Manual Integrations  
APPROVED

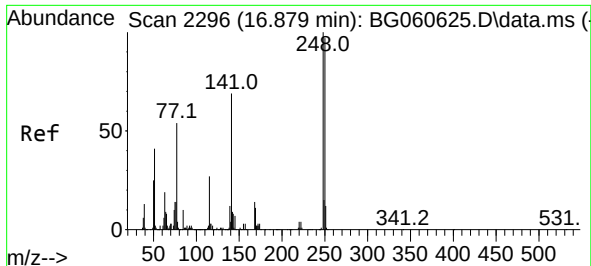
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#66  
n-Nitrosodiphenylamine  
Concen: 41.878 ng  
RT: 16.171 min Scan# 2175  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:169 Resp: 823790  
Ion Ratio Lower Upper  
169 100  
168 67.4 51.1 76.7  
167 36.5 29.4 44.2





#67  
4-Bromophenyl-phenylether  
Concen: 43.925 ng  
RT: 16.852 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

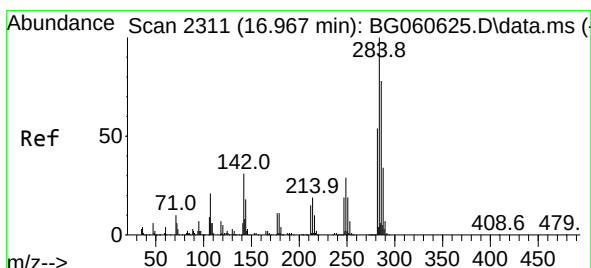
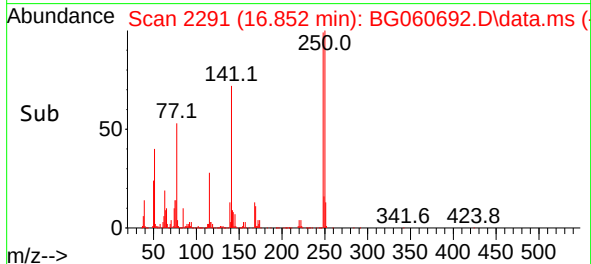
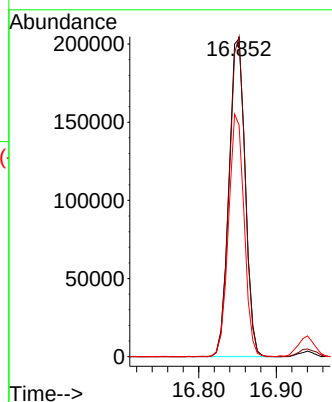
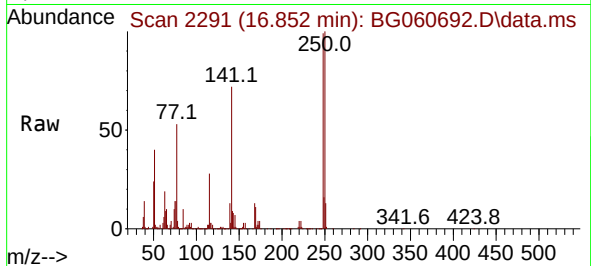
TRENCH-PITMS

Tgt Ion:248 Resp: 297724  
Ion Ratio Lower Upper  
248 100  
250 100.6 77.8 116.6  
141 72.8 55.1 82.7

Manual Integrations

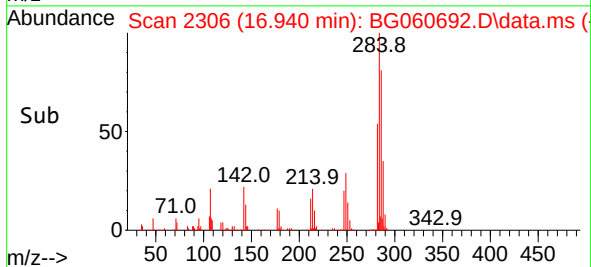
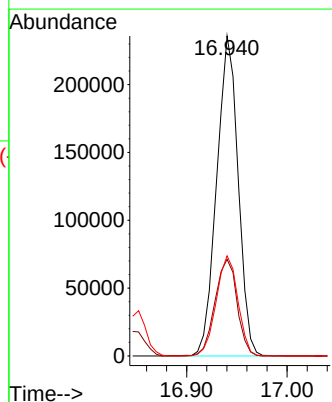
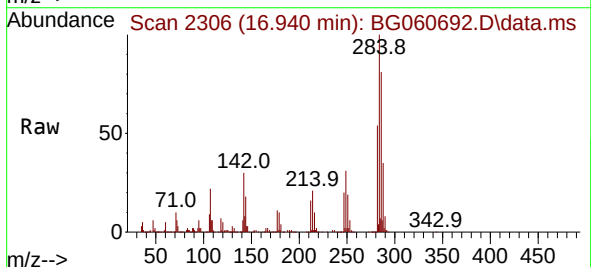
APPROVED

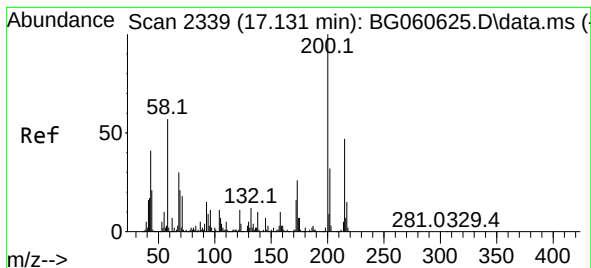
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#68  
Hexachlorobenzene  
Concen: 44.808 ng  
RT: 16.940 min Scan# 2306  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:284 Resp: 349189  
Ion Ratio Lower Upper  
284 100  
142 30.2 24.6 37.0  
249 31.3 23.4 35.0





#69

Atrazine

Concen: 46.218 ng

RT: 17.105 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

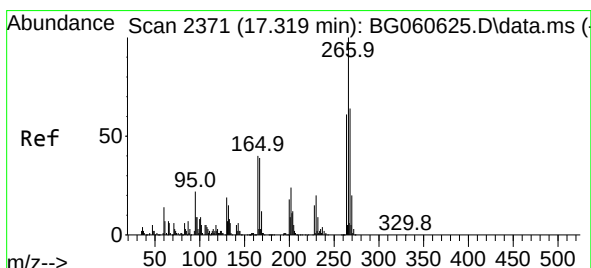
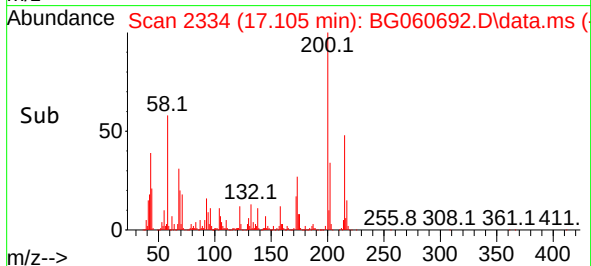
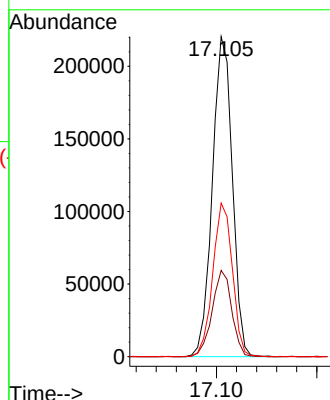
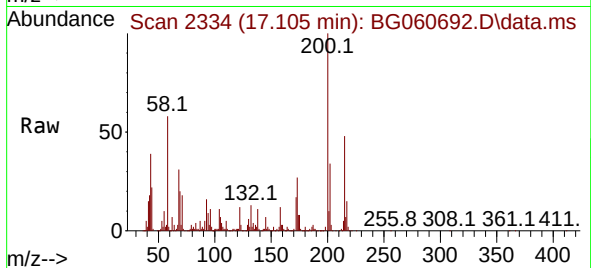
TRENCH-PITMS

Tgt Ion:200 Resp: 304080  
 Ion Ratio Lower Upper  
 200 100  
 173 27.0 5.7 45.7  
 215 48.0 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
 Supervised By :Sohil Jodhani 03/21/2024



#70

Pentachlorophenol

Concen: 94.505 ng

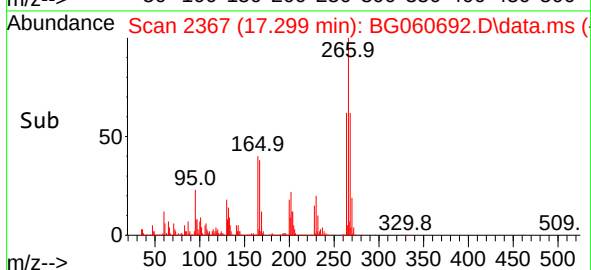
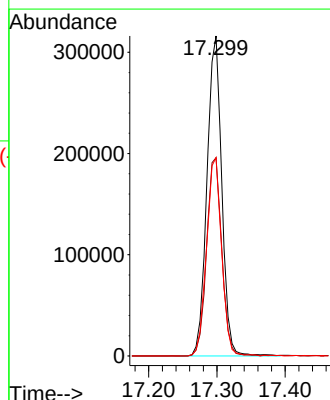
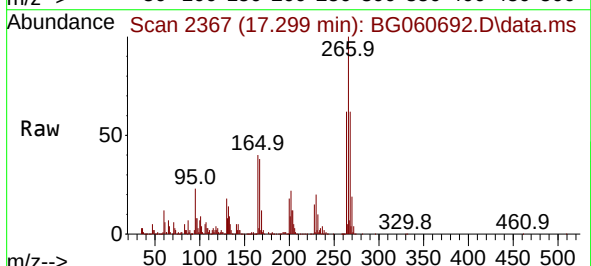
RT: 17.299 min Scan# 2367

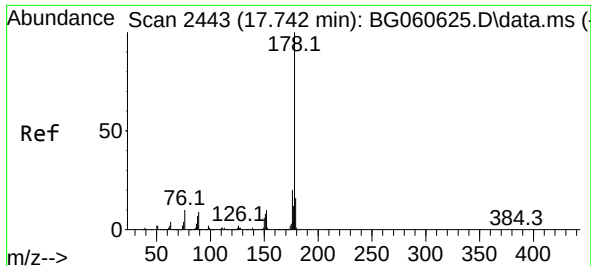
Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Tgt Ion:266 Resp: 477343  
 Ion Ratio Lower Upper  
 266 100  
 268 62.0 51.5 77.3  
 264 61.9 48.9 73.3





#71  
Phenanthrene  
Concen: 57.322 ng  
RT: 17.722 min Scan# 2443  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

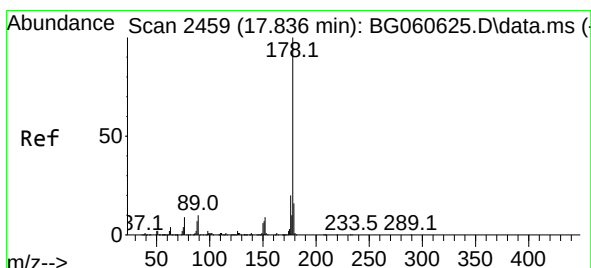
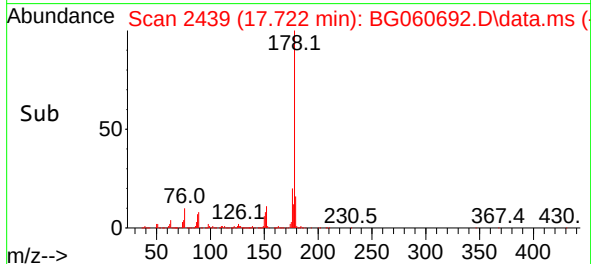
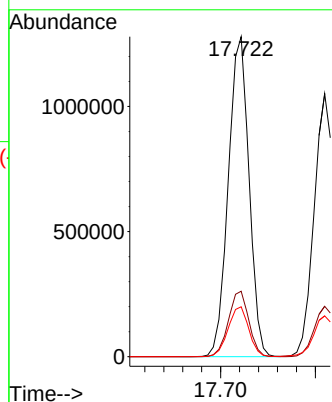
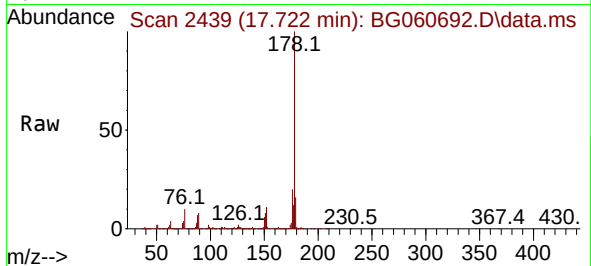
TRENCH-PITMS

Tgt Ion:178 Resp: 1940822  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.1 24.1  
179 15.6 12.9 19.3

Manual Integrations

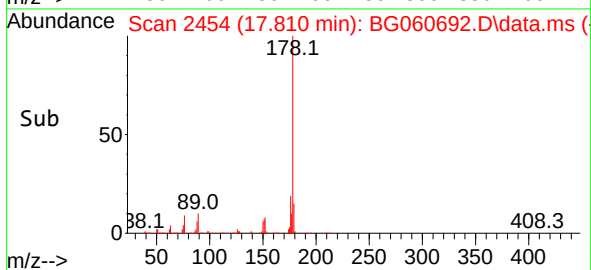
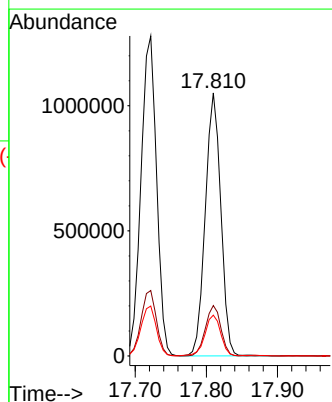
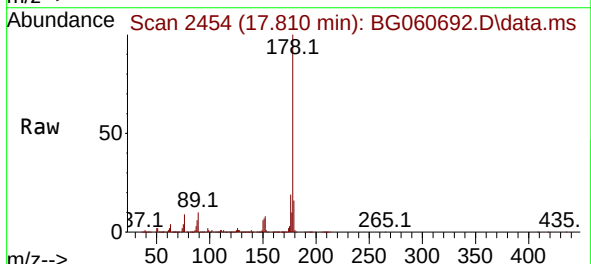
APPROVED

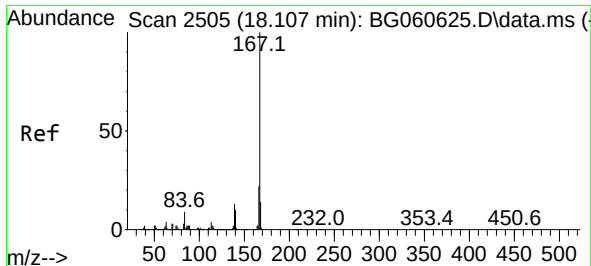
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#72  
Anthracene  
Concen: 46.633 ng  
RT: 17.810 min Scan# 2454  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:178 Resp: 1596438  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.8 23.6  
179 15.5 12.6 19.0





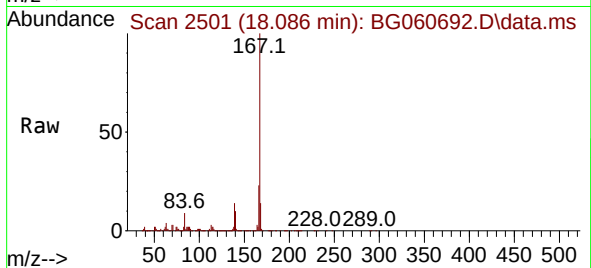
#73  
 Carbazole  
 Concen: 47.998 ng  
 RT: 18.086 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG060692.D  
 Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

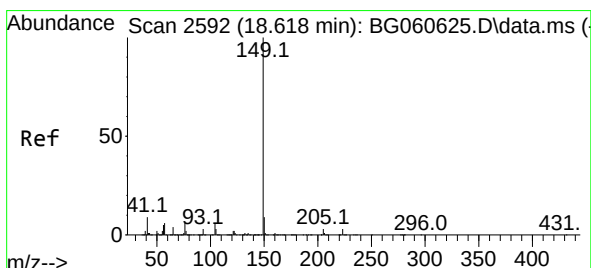
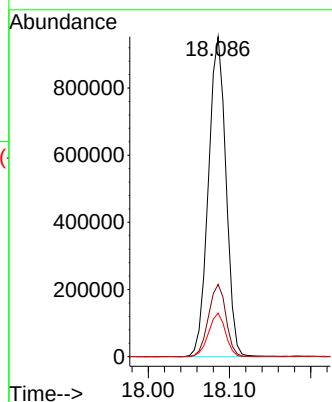
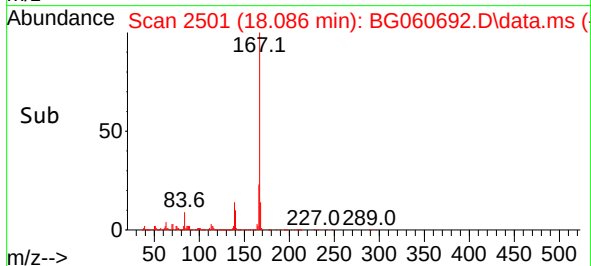


Tgt Ion:167 Resp: 142875  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.0 27.0  
 139 13.6 10.7 16.1

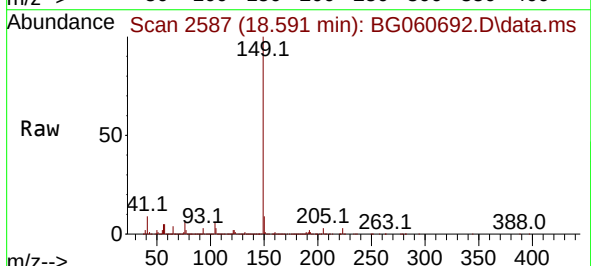
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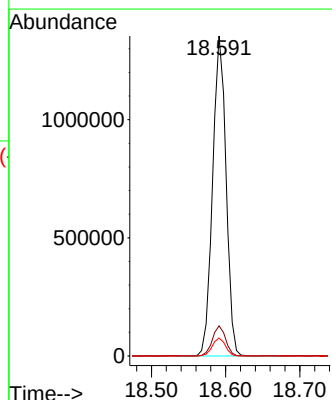
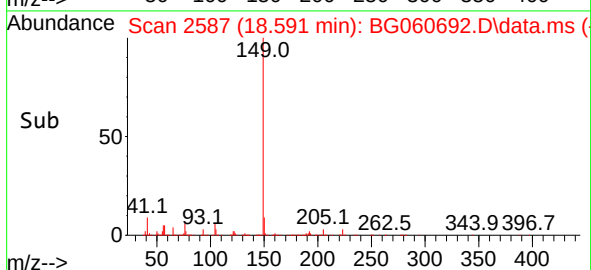
Reviewed By :Jagrut Upadhyay 03/21/2024  
 Supervised By :Sohil Jodhani 03/21/2024



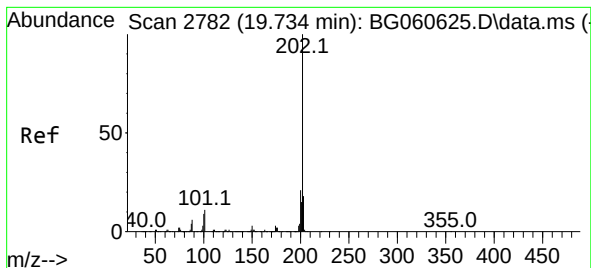
#74  
 Di-n-butylphthalate  
 Concen: 46.797 ng  
 RT: 18.591 min Scan# 2587  
 Delta R.T. -0.003 min  
 Lab File: BG060692.D  
 Acq: 20 Mar 2024 15:16



Tgt Ion:149 Resp: 1697568  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 5.6 4.8 7.2







#75

Fluoranthene

Concen: 63.620 ng

RT: 19.713 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:202 Resp: 2382714

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

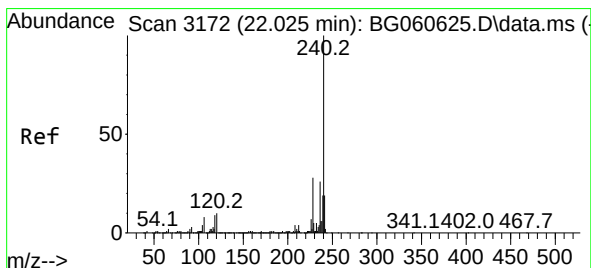
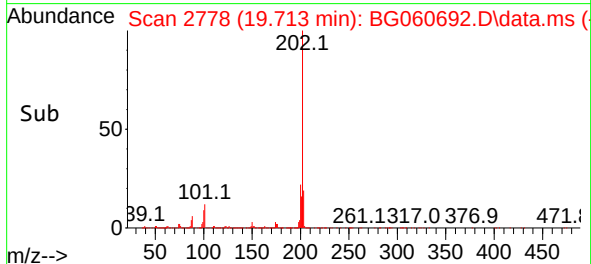
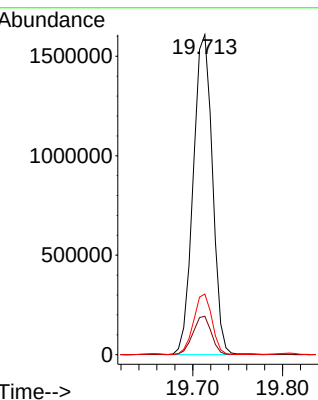
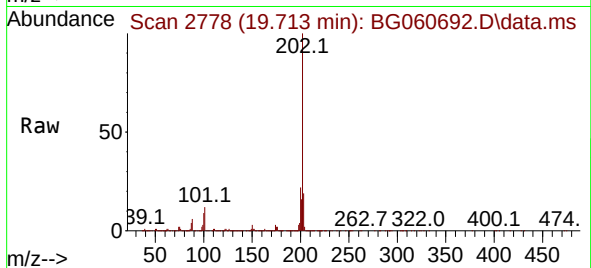
203 18.9 0.0 38.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.993 min Scan# 3166

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

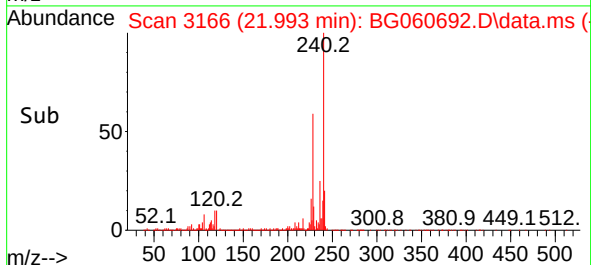
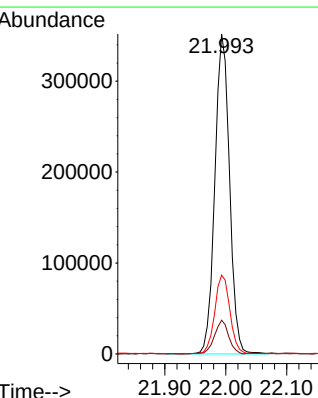
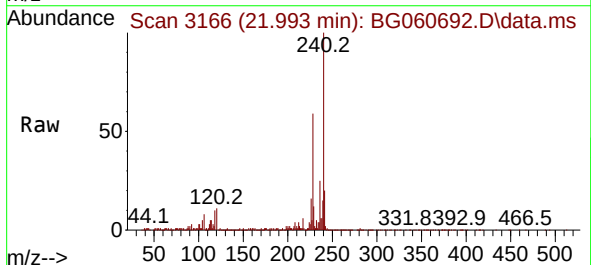
Tgt Ion:240 Resp: 587149

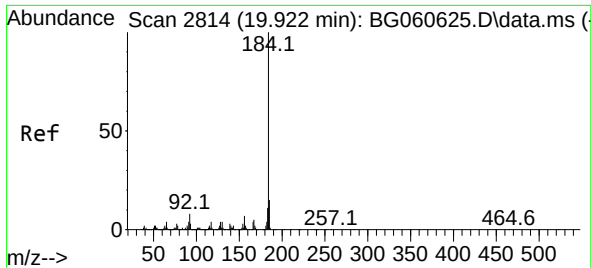
Ion Ratio Lower Upper

240 100

120 10.5 7.8 11.8

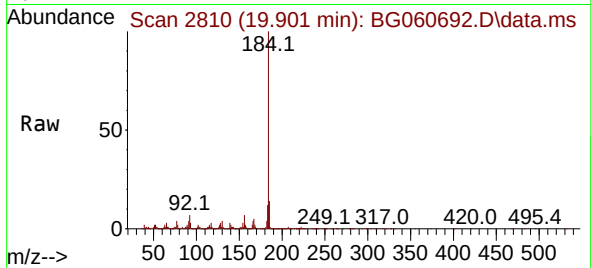
236 24.7 20.6 31.0





#77  
Benzidine  
Concen: 57.064 ng  
RT: 19.901 min Scan# 2810  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

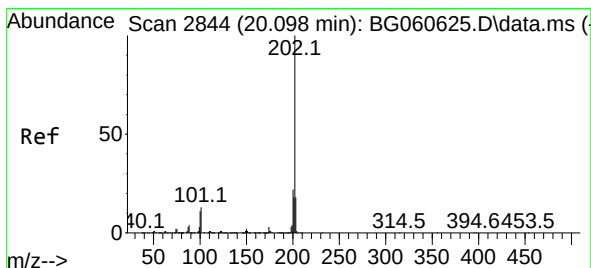
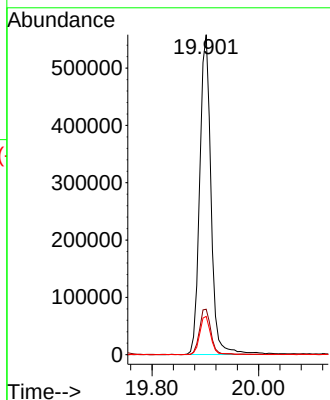
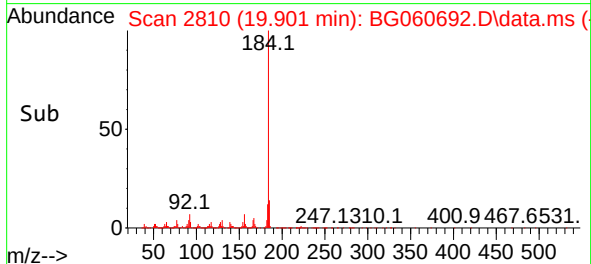
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:184 Resp: 81952  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 11.9 9.2 13.8

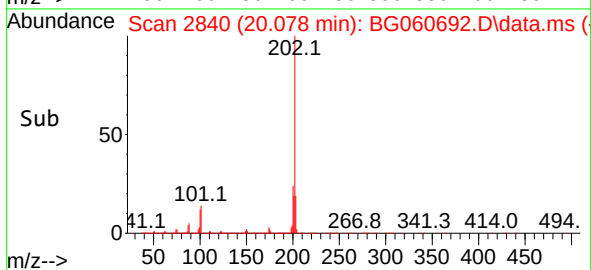
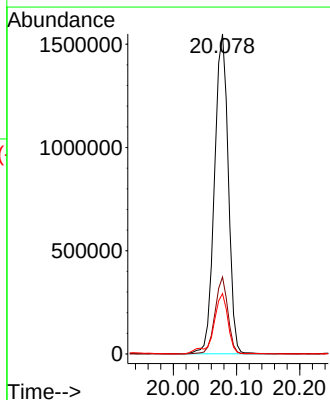
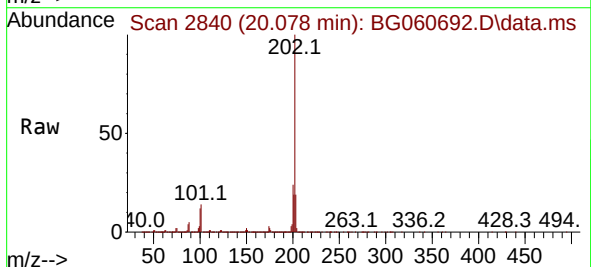
Manual Integrations  
APPROVED

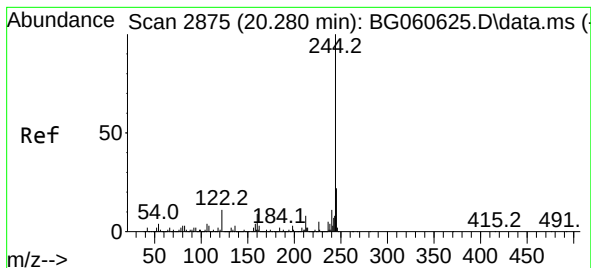
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#78  
Pyrene  
Concen: 57.252 ng  
RT: 20.078 min Scan# 2840  
Delta R.T. 0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:202 Resp: 2345888  
Ion Ratio Lower Upper  
202 100  
200 24.1 17.9 26.9  
203 18.9 14.3 21.5





#79

Terphenyl-d14

Concen: 56.430 ng

RT: 20.254 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:244 Resp: 183304

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

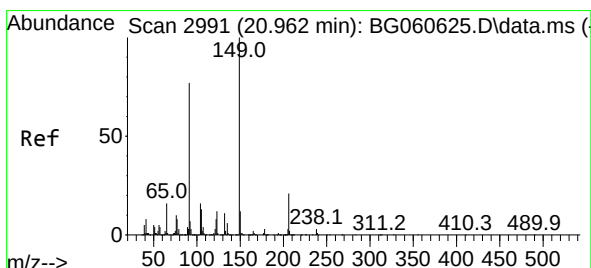
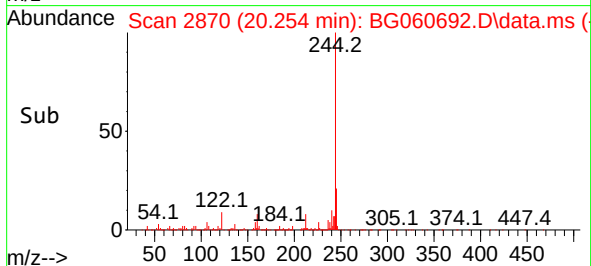
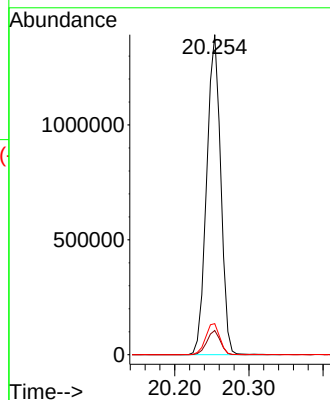
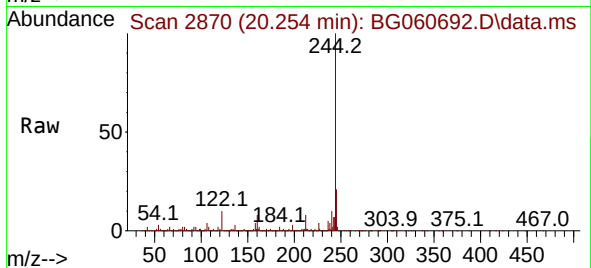
122 9.7 8.5 12.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#80

Butylbenzylphthalate

Concen: 49.626 ng

RT: 20.936 min Scan# 2986

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

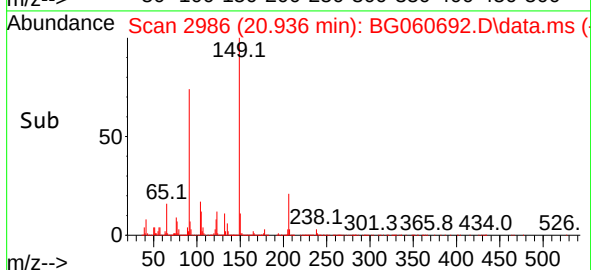
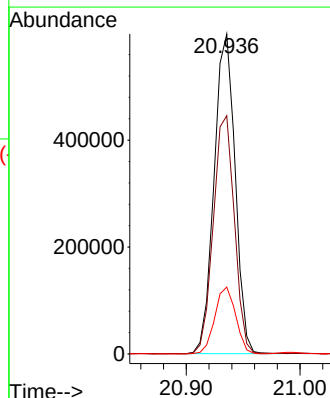
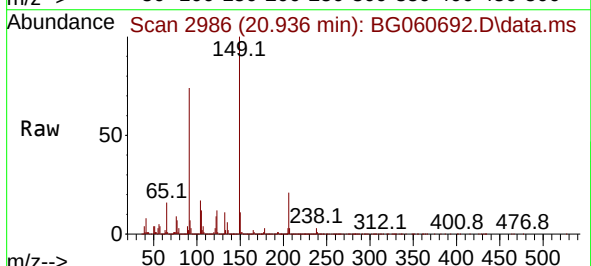
Tgt Ion:149 Resp: 768731

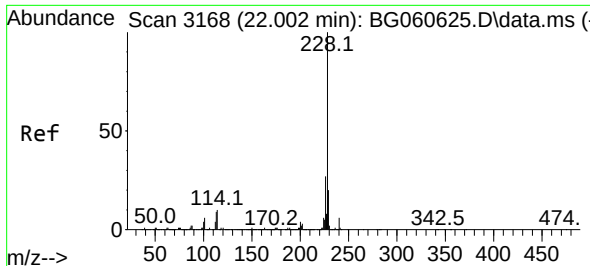
Ion Ratio Lower Upper

149 100

91 74.5 61.5 92.3

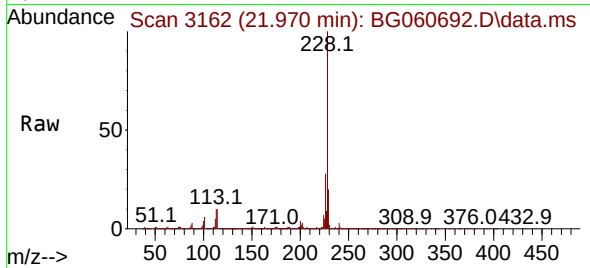
206 20.9 16.9 25.3





#81  
Benzo(a)anthracene  
Concen: 52.473 ng  
RT: 21.970 min Scan# 3162  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

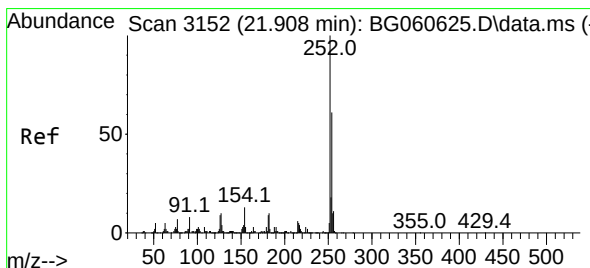
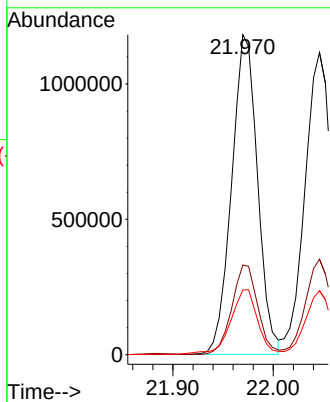
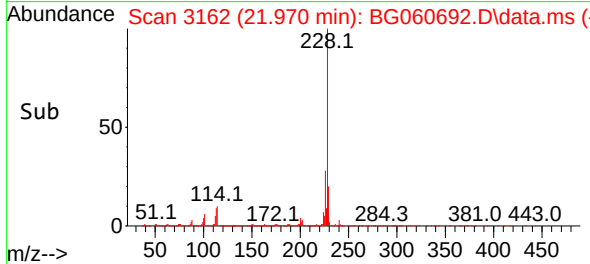
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:228 Resp: 2121354  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.8 32.8  
229 20.2 15.8 23.6

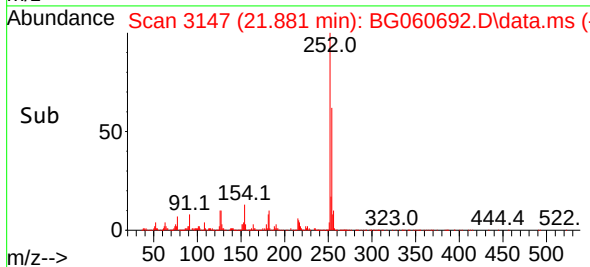
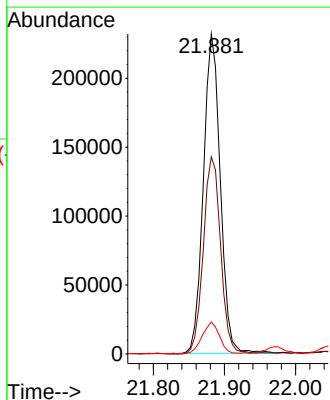
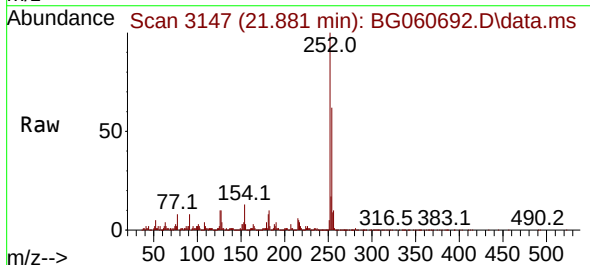
Manual Integrations  
APPROVED

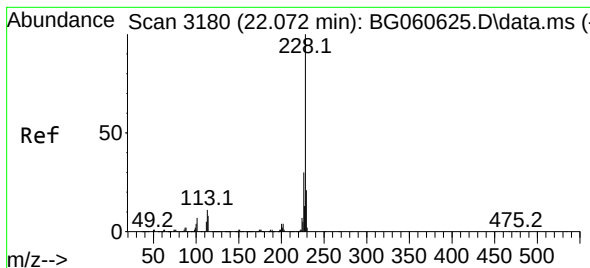
Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 28.346 ng  
RT: 21.881 min Scan# 3147  
Delta R.T. -0.003 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:252 Resp: 386242  
Ion Ratio Lower Upper  
252 100  
254 61.6 48.7 73.1  
126 10.0 7.4 11.2





#83

Chrysene

Concen: 52.258 ng

RT: 22.046 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:228 Resp: 2051340

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

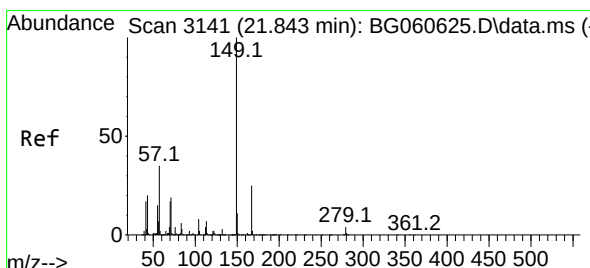
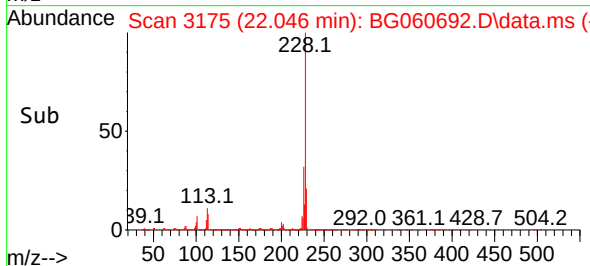
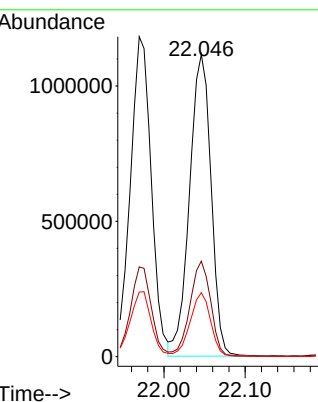
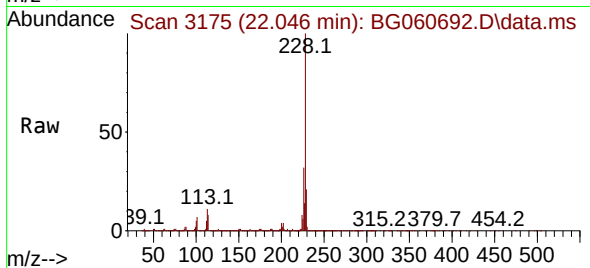
229 21.2 16.4 24.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.512 ng

RT: 21.805 min Scan# 3134

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

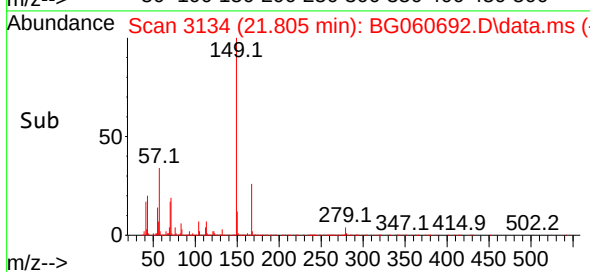
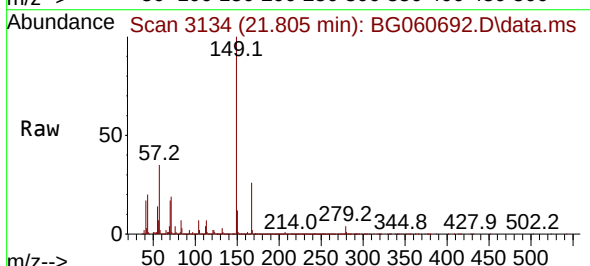
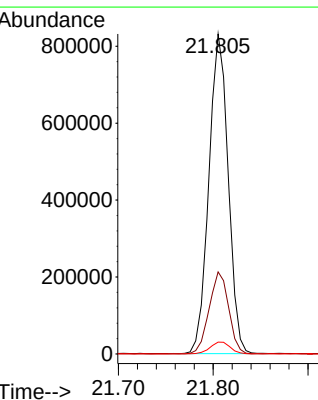
Tgt Ion:149 Resp: 1178652

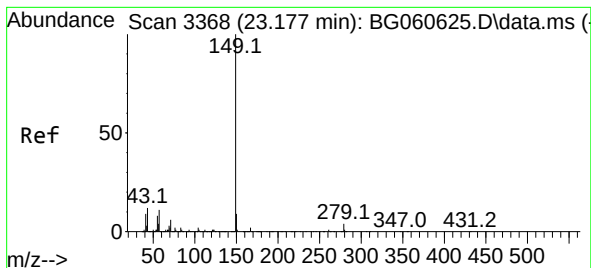
Ion Ratio Lower Upper

149 100

167 25.7 19.9 29.9

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.895 ng

RT: 23.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:149 Resp: 199303

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

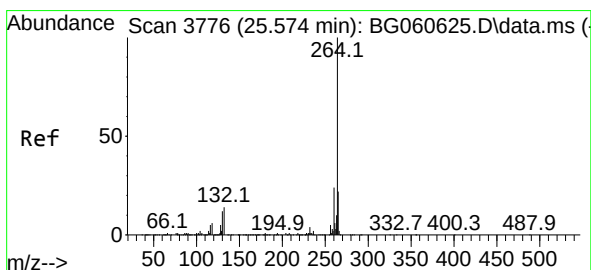
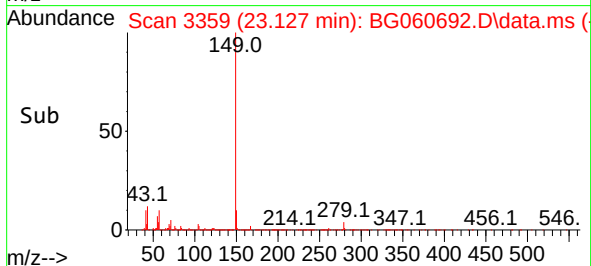
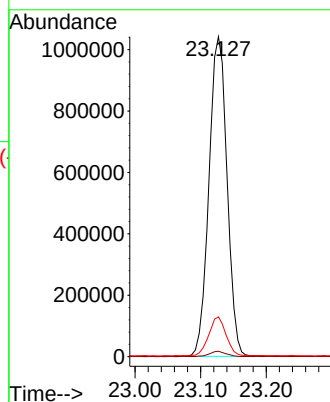
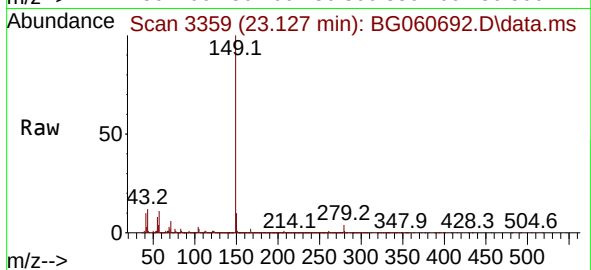
43 11.7 10.0 15.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.536 min Scan# 3769

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

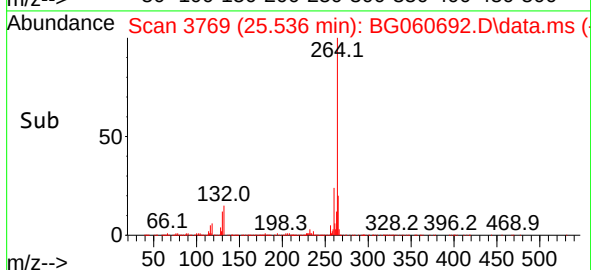
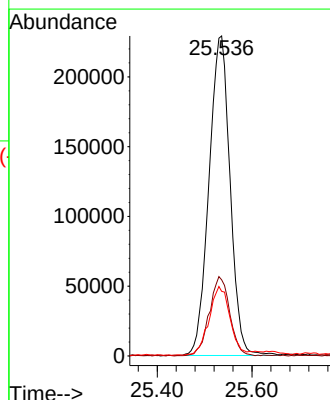
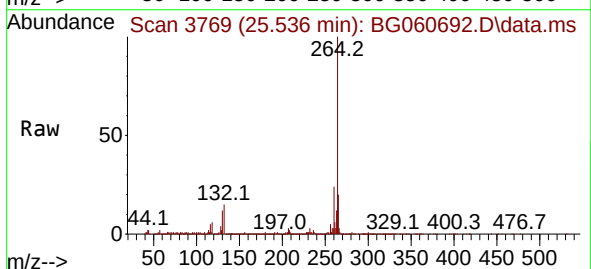
Tgt Ion:264 Resp: 708505

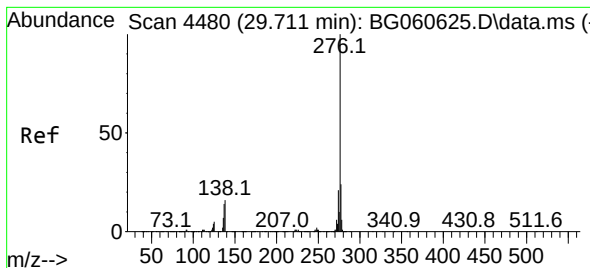
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 20.2 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.760 ng

RT: 29.637 min Scan# 4480

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:276 Resp: 254975

Ion Ratio Lower Upper

276 100

138 16.0 6.6 10.0

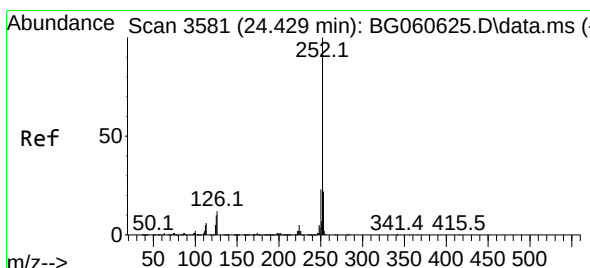
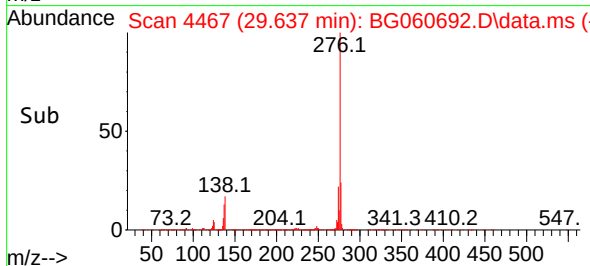
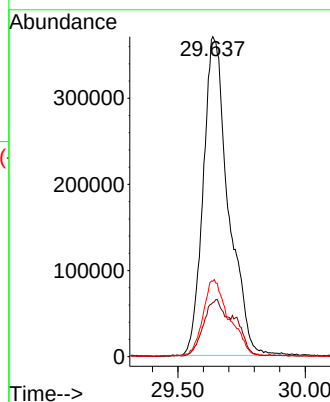
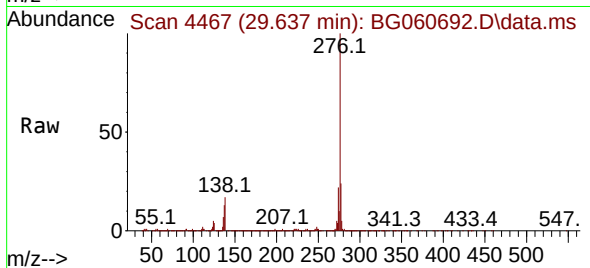
277 24.4 16.7 25.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#88

Benzo(b)fluoranthene

Concen: 58.009 ng

RT: 24.390 min Scan# 3574

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

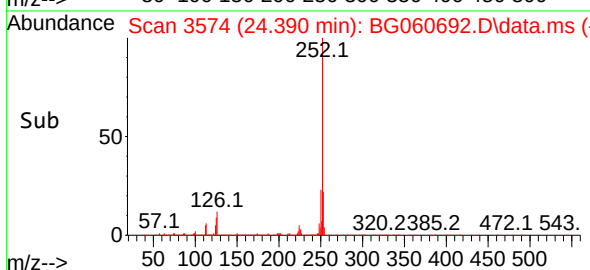
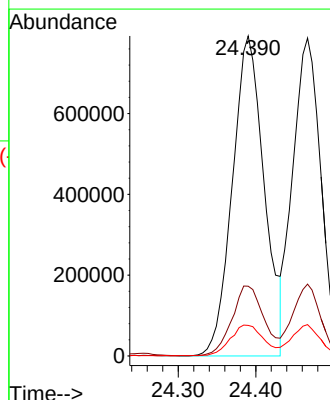
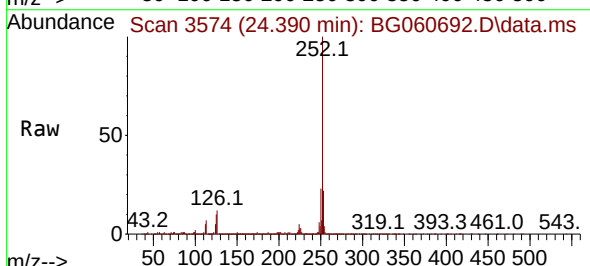
Tgt Ion:252 Resp: 2261038

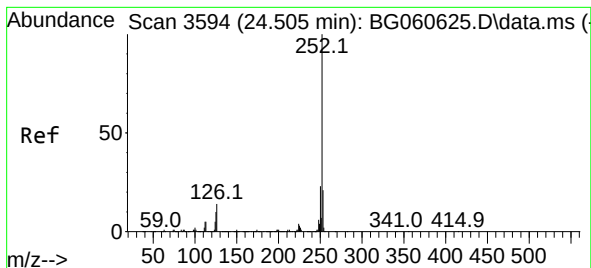
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 48.791 ng

RT: 24.467 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA\_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:252 Resp: 1997930

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

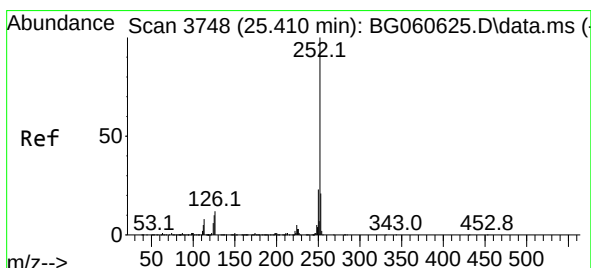
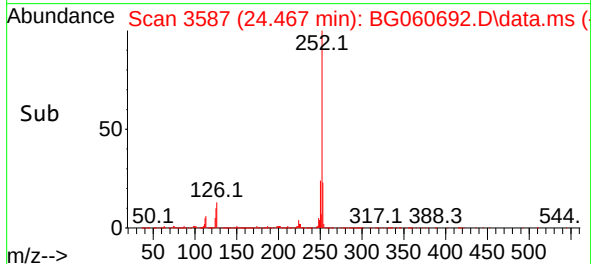
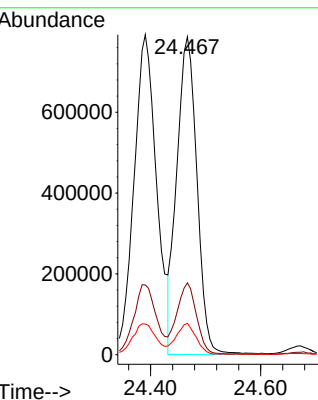
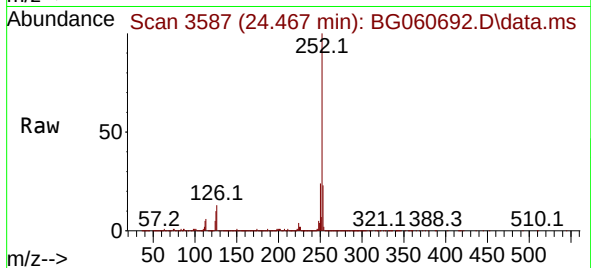
125 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024

Supervised By :Sohil Jodhani 03/21/2024



#90

Benzo(a)pyrene

Concen: 52.603 ng

RT: 25.366 min Scan# 3740

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

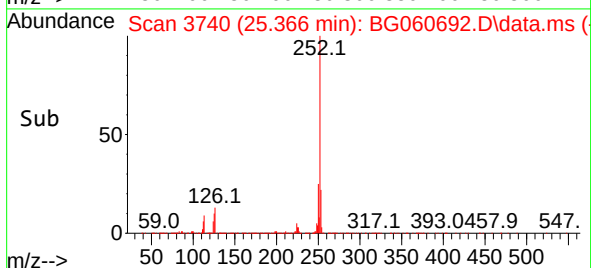
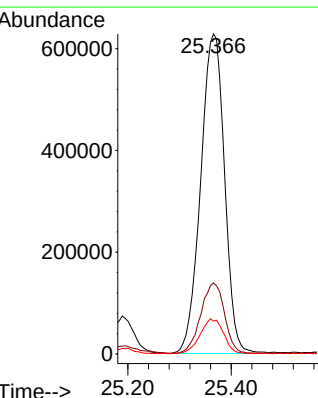
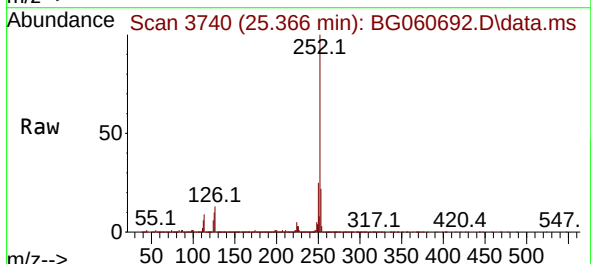
Tgt Ion:252 Resp: 2010132

Ion Ratio Lower Upper

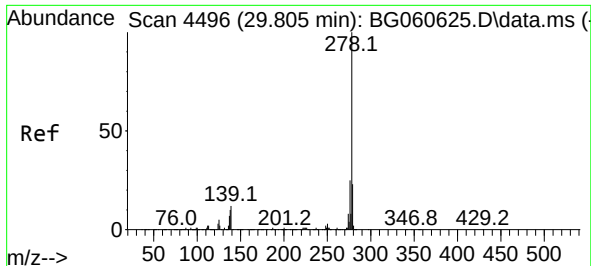
252 100

253 22.2 17.0 25.6

125 10.2 8.2 12.2

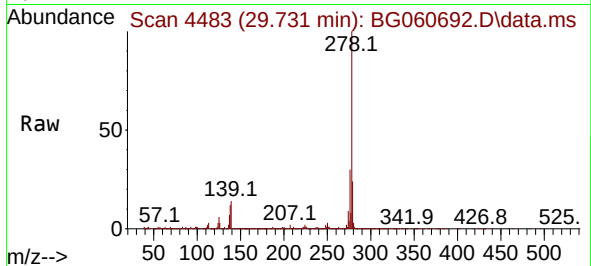






#91  
Dibenzo(a,h)anthracene  
Concen: 47.340 ng  
RT: 29.731 min Scan# 4496  
Delta R.T. 0.015 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

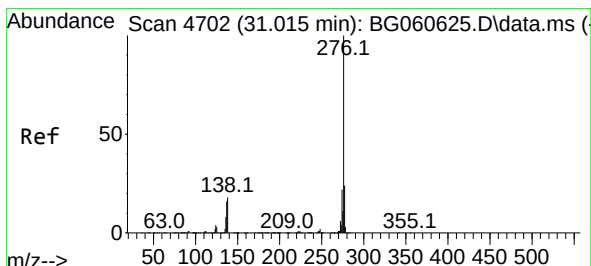
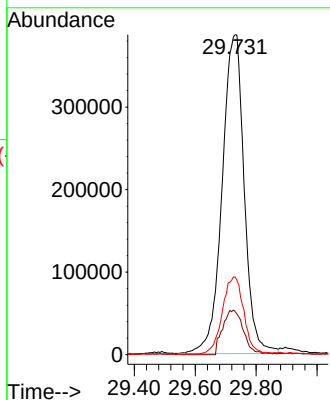
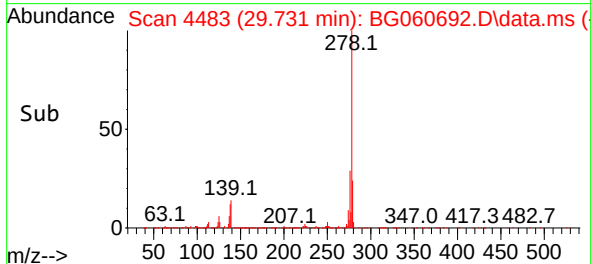
Instrument :  
BNA\_G  
ClientSampleId :  
TRENCH-PITMS



Tgt Ion:278 Resp: 1942178  
Ion Ratio Lower Upper  
278 100  
139 13.5 9.8 14.8  
279 24.3 18.4 27.6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024  
Supervised By :Sohil Jodhani 03/21/2024



#92  
Benzo(g,h,i)perylene  
Concen: 51.031 ng  
RT: 30.947 min Scan# 4690  
Delta R.T. 0.009 min  
Lab File: BG060692.D  
Acq: 20 Mar 2024 15:16

Tgt Ion:276 Resp: 2027058  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.4  
138 18.1 14.4 21.6

