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 Data File : BG057299.D  
 Acq On : 4 May 2023 11:55  
 Operator : CG/JU  
 Sample : 02419-36DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

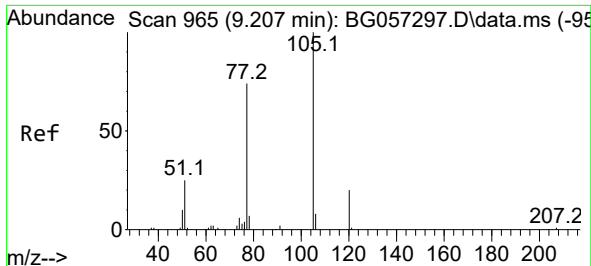
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW931DL

Quant Time: May 05 01:43:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 01 12:45:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.379  | 152  | 12725    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.216 | 136  | 56740    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.993 | 164  | 52620    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.731 | 188  | 131554   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.048 | 240  | 108114   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.567 | 264  | 113484   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 4.102  | 84   | 216      | 0.237  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.515  | 99   | 2452     | 2.038  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.674  | 67   | 1617     | 2.285  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.903  | 132  | 2042     | 2.575  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.089  | 113  | 1634     | 1.786  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.553  | 128  | 992      | 2.195  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.282 | 143  | 1346     | 2.552  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.840 | 165  | 2099     | 2.063  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.345 | 131  | 1295     | 0.960  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.370 | 166  | 11213    | 2.689  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.688 | 160  | 11762    | 2.510  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.193 | 143  | 651      | 1.073  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.974 | 176  | 10681    | 2.750  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.097 | 200  | 778      | 0.998  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.830 | 188  | 16782    | 2.795  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.098 | 212  | 19822    | 3.089  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.326 | 264  | 16844    | 2.913  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 9.207  | 105  | 2382     | 1.513  | ng/ul  | 94       |
| 78) Di-n-butylphthalate       | 18.647 | 149  | 10547    | 1.604  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.763 | 202  | 29751    | 3.903  | ng/ul# | 95       |
| 82) Pyrene                    | 20.121 | 202  | 28352    | 3.674  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.973 | 149  | 6131     | 2.481  | ng/ul  | 88       |
| 85) Benzo(a)anthracene        | 22.025 | 228  | 17379    | 2.273  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.866 | 149  | 62943    | 17.512 | ng/ul  | 96       |
| 87) Chrysene                  | 22.025 | 228  | 17379    | 2.409  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 24.439 | 252  | 29148    | 3.709  | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 25.397 | 252  | 18585    | 2.739  | ng/ul# | 92       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.620 | 276  | 10972    | 1.294  | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 30.901 | 276  | 20100    | 2.928  | ng/ul# | 95       |

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

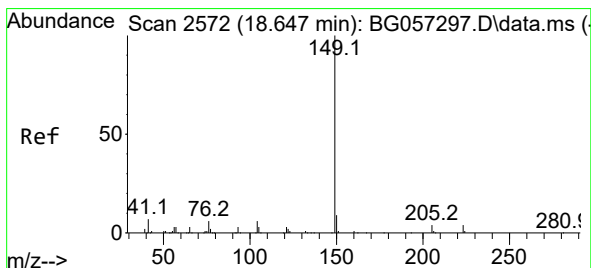
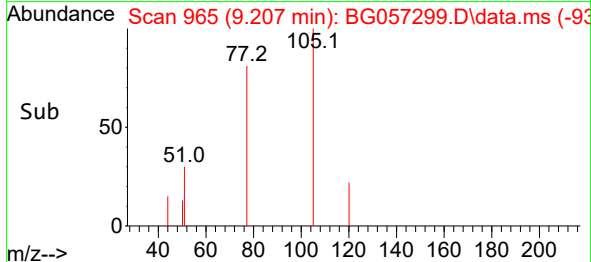
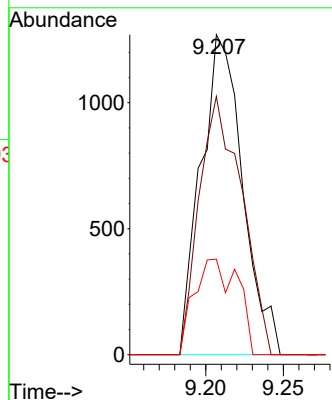
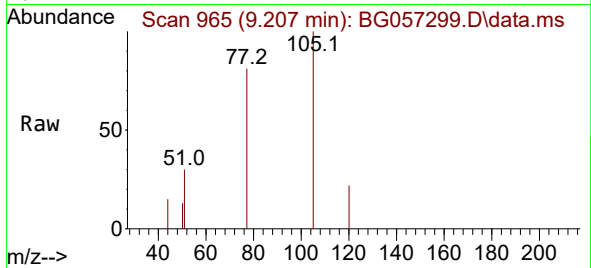




#16  
Acetophenone  
Concen: 1.513 ng/ul  
RT: 9.207 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

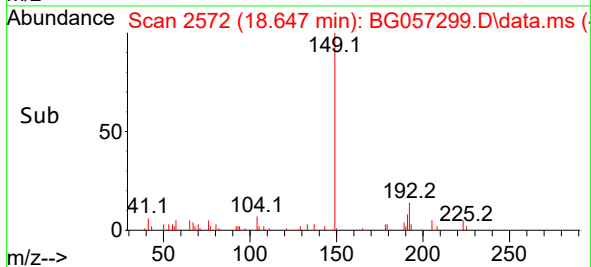
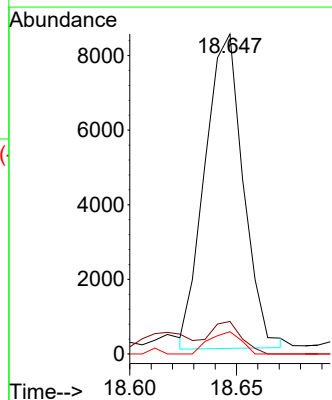
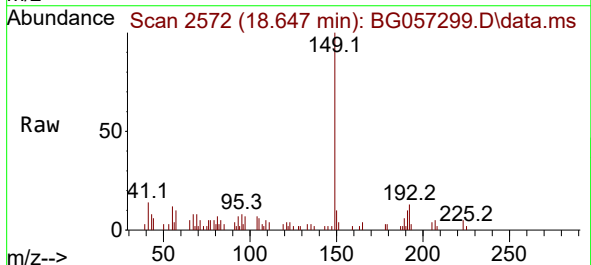
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ClientSampleId :  
EW931DL

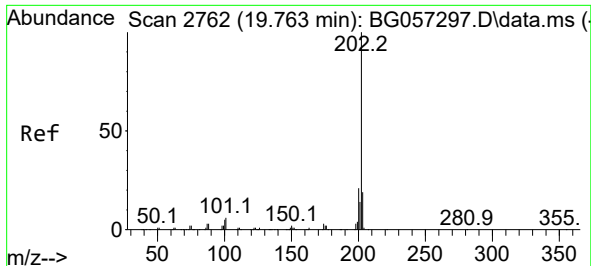
Tgt Ion:105 Resp: 2382  
Ion Ratio Lower Upper  
105 100  
77 80.7 70.6 105.8  
51 29.8 24.5 36.7



#78  
Di-n-butylphthalate  
Concen: 1.604 ng/ul  
RT: 18.647 min Scan# 2572  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

Tgt Ion:149 Resp: 10547  
Ion Ratio Lower Upper  
149 100  
150 10.2 7.3 10.9  
104 7.0 5.0 7.6

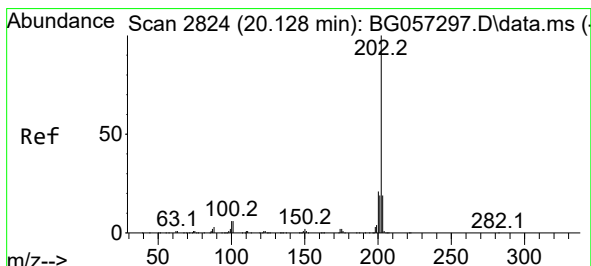
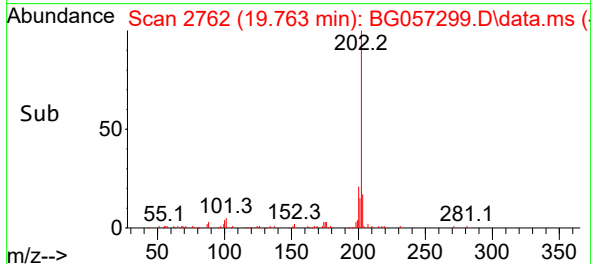
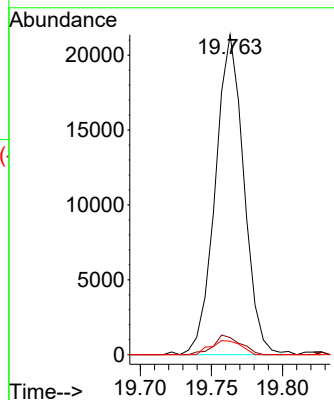
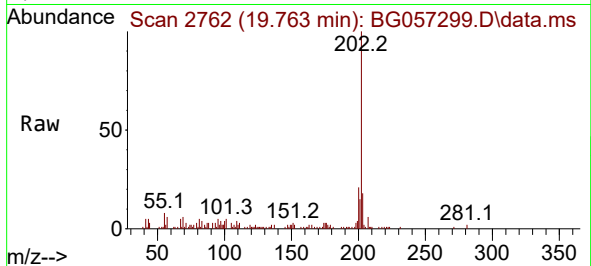




#80  
Fluoranthene  
Concen: 3.903 ng/ul  
RT: 19.763 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

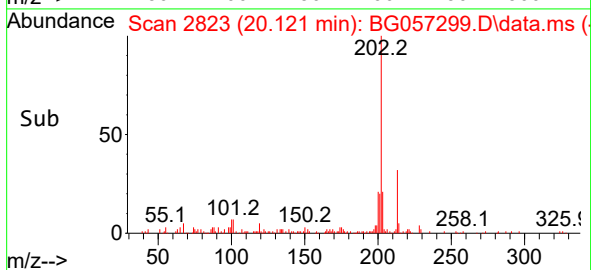
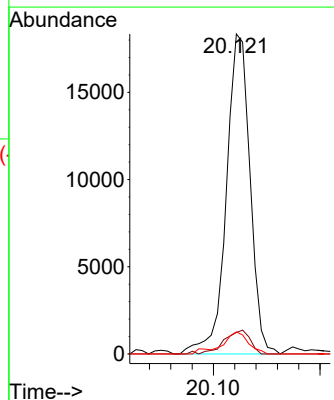
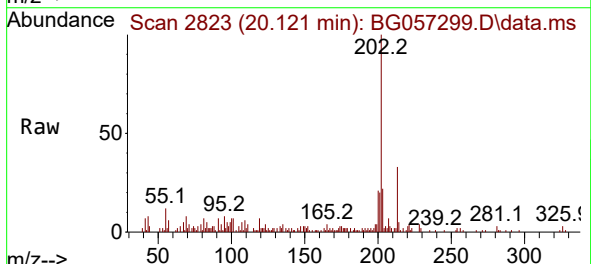
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ClientSampleId :  
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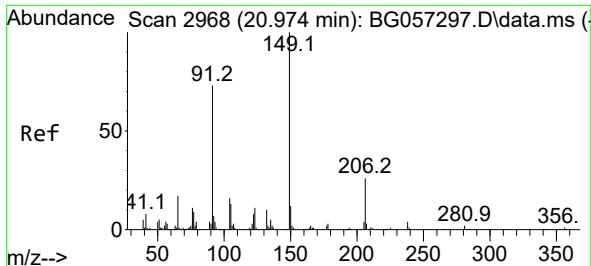
Tgt Ion:202 Resp: 29751  
Ion Ratio Lower Upper  
202 100  
101 5.4 5.8 8.6#  
100 4.2 4.6 7.0#



#82  
Pyrene  
Concen: 3.674 ng/ul  
RT: 20.121 min Scan# 2823  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

Tgt Ion:202 Resp: 28352  
Ion Ratio Lower Upper  
202 100  
101 6.7 5.7 8.5  
100 6.9 6.0 9.0

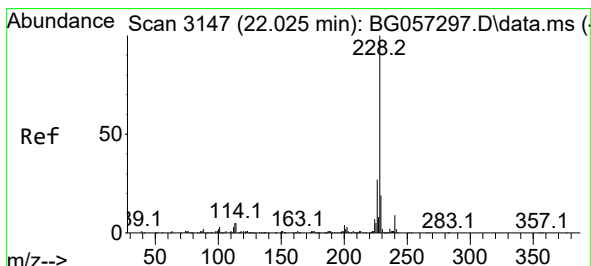
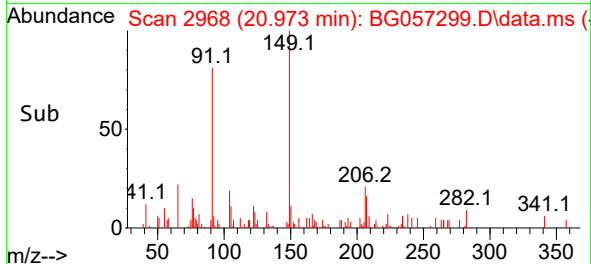
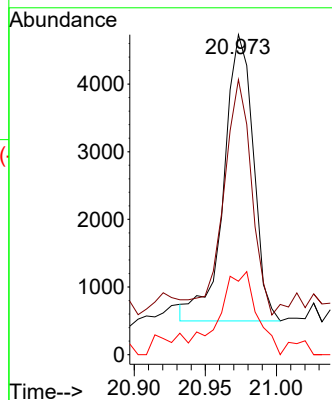
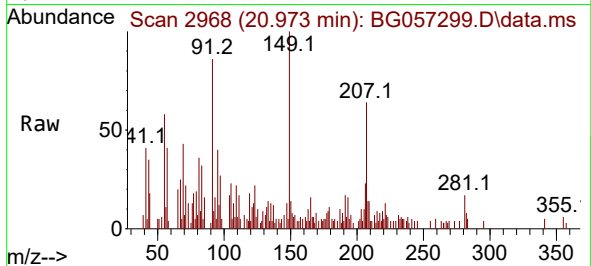




#83  
Butylbenzylphthalate  
Concen: 2.481 ng/ul  
RT: 20.973 min Scan# 2968  
Delta R.T. -0.009 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

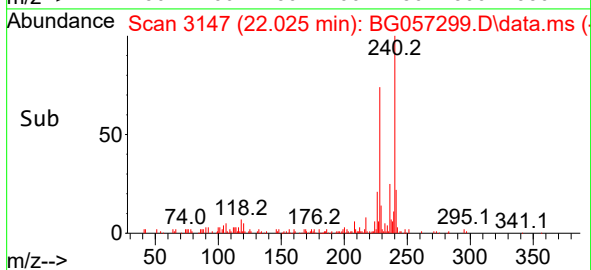
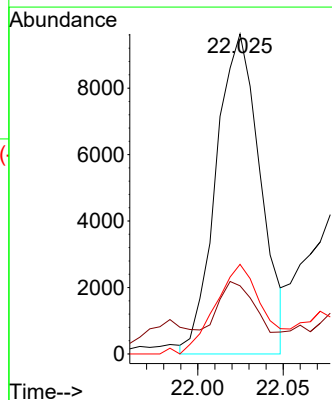
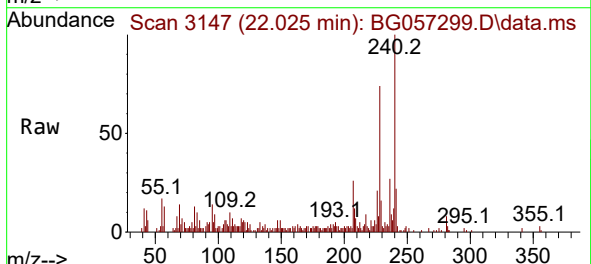
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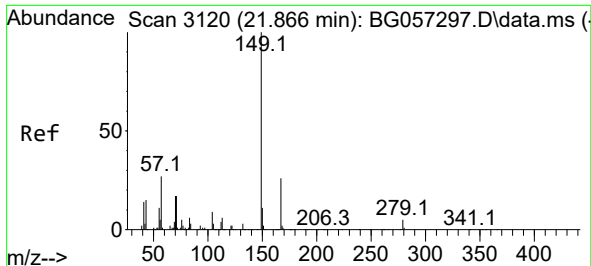
Tgt Ion:149 Resp: 6131  
Ion Ratio Lower Upper  
149 100  
91 85.9 58.6 87.8  
206 23.0 19.8 29.8



#85  
Benzo(a)anthracene  
Concen: 2.273 ng/ul  
RT: 22.025 min Scan# 3147  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

Tgt Ion:228 Resp: 17379  
Ion Ratio Lower Upper  
228 100  
229 21.3 15.8 23.6  
226 28.0 21.7 32.5

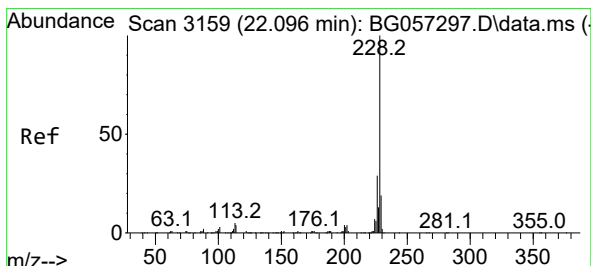
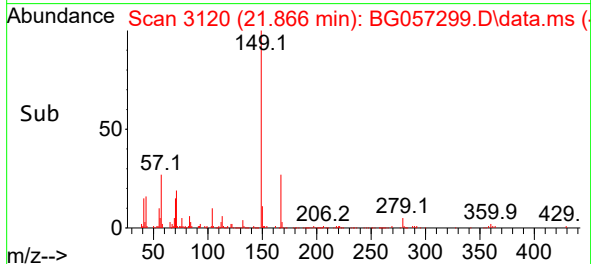
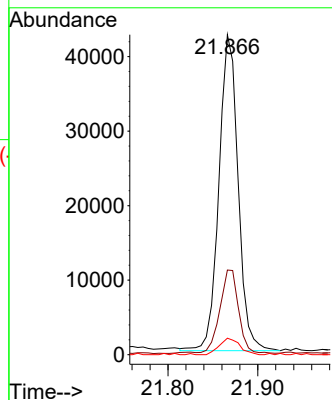
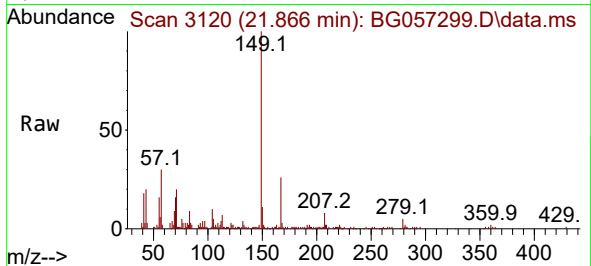




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 17.512 ng/ul  
 RT: 21.866 min Scan# 3120  
 Delta R.T. -0.009 min  
 Lab File: BG057299.D  
 Acq: 4 May 2023 11:55

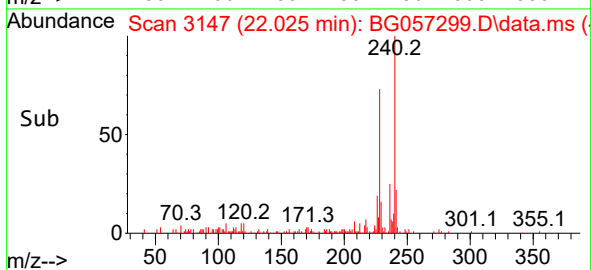
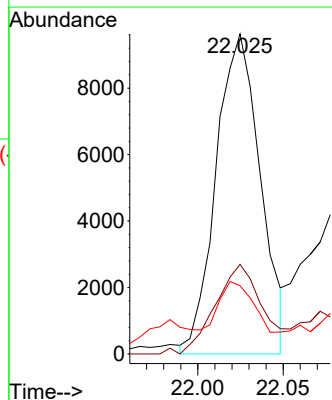
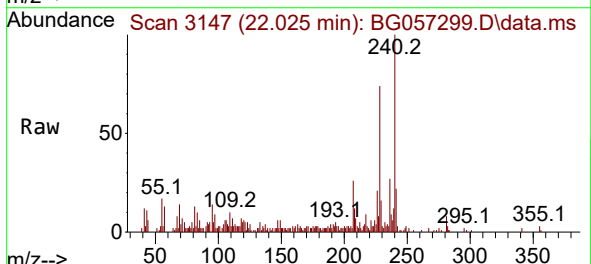
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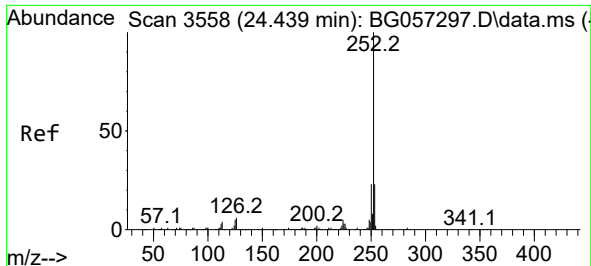
Tgt Ion:149 Resp: 62943  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 23.0 34.6  
 279 5.2 3.6 5.4



#87  
 Chrysene  
 Concen: 2.409 ng/ul  
 RT: 22.025 min Scan# 3147  
 Delta R.T. -0.073 min  
 Lab File: BG057299.D  
 Acq: 4 May 2023 11:55

Tgt Ion:228 Resp: 17379  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 22.8 34.2  
 229 21.3 15.5 23.3

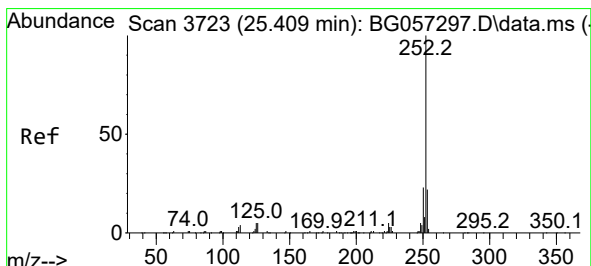
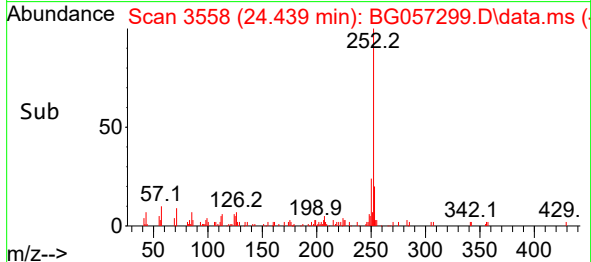
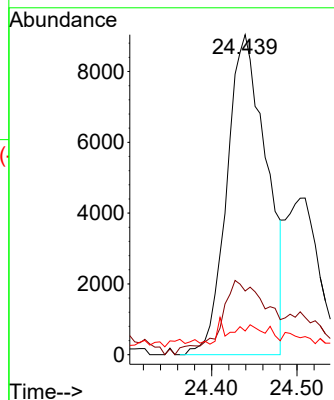
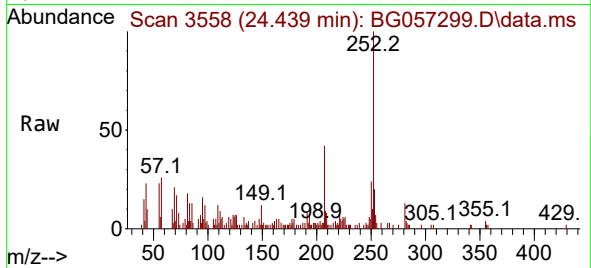




#90  
Benzo(b)fluoranthene  
Concen: 3.709 ng/ul  
RT: 24.439 min Scan# 3558  
Delta R.T. 0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

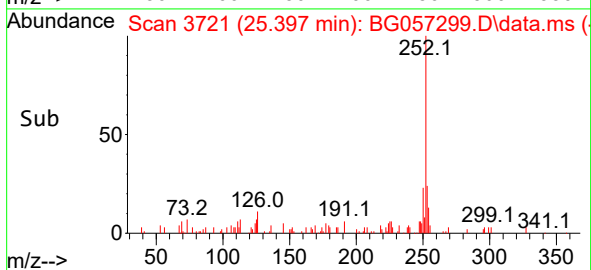
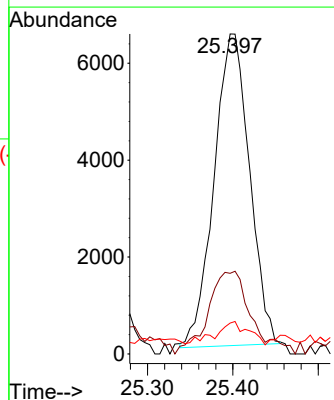
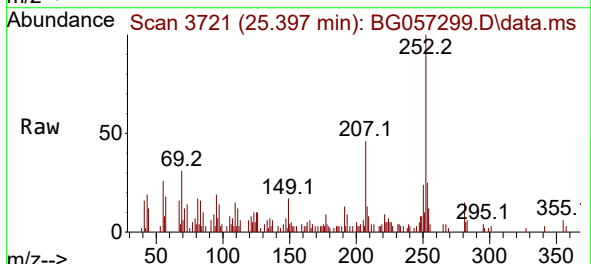
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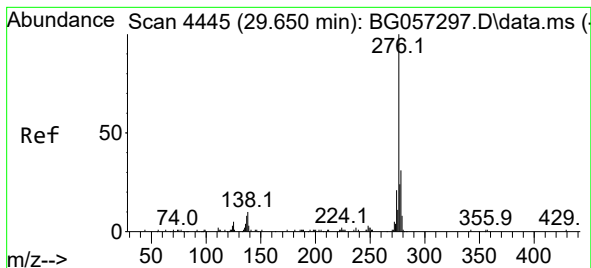
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Ion Ratio Lower Upper  
252 100  
253 19.9 16.7 25.1  
125 7.4 4.8 7.2#



#93  
Benzo(a)pyrene  
Concen: 2.739 ng/ul  
RT: 25.397 min Scan# 3721  
Delta R.T. -0.003 min  
Lab File: BG057299.D  
Acq: 4 May 2023 11:55

Tgt Ion:252 Resp: 18585  
Ion Ratio Lower Upper  
252 100  
253 25.2 17.2 25.8  
125 9.7 5.1 7.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.294 ng/ul

RT: 29.620 min Scan# 4440

Delta R.T. -0.003 min

Lab File: BG057299.D

Acq: 4 May 2023 11:55

Instrument :

BNA\_G

ClientSampleId :

EW931DL

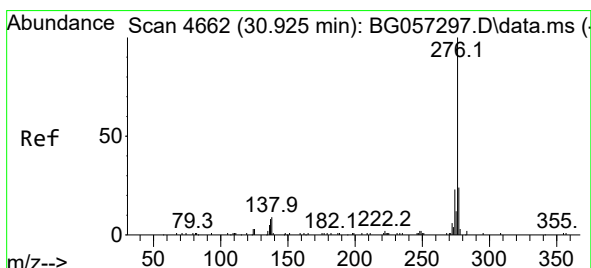
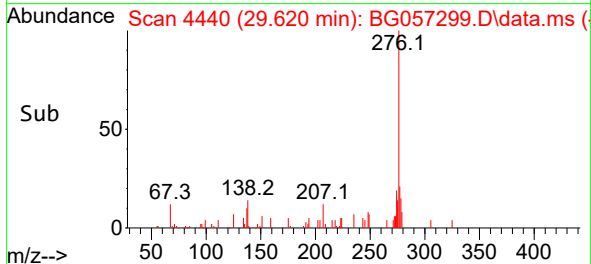
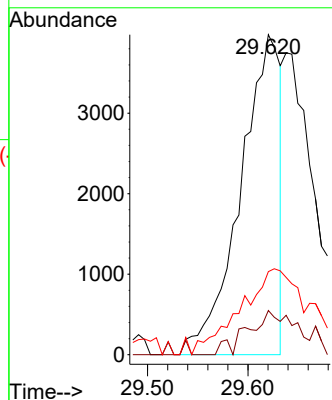
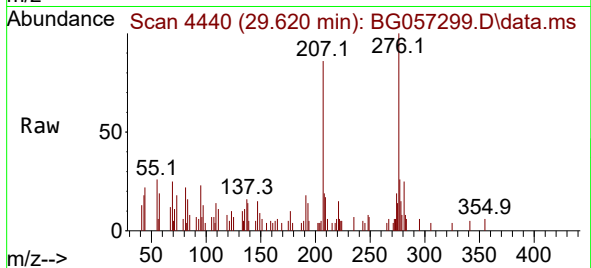
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Ion Ratio Lower Upper

276 100

138 13.8 9.4 14.2

277 26.0 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 2.928 ng/ul

RT: 30.901 min Scan# 4658

Delta R.T. -0.009 min

Lab File: BG057299.D

Acq: 4 May 2023 11:55

Tgt Ion:276 Resp: 20100

Ion Ratio Lower Upper

276 100

138 8.7 8.7 13.1#

277 25.5 18.4 27.6

