

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
 Data File : BG062743.D  
 Acq On : 11 Sep 2024 19:42  
 Operator : JU/RC  
 Sample : P3877-15  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVZ4

Quant Time: Sep 12 00:02:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

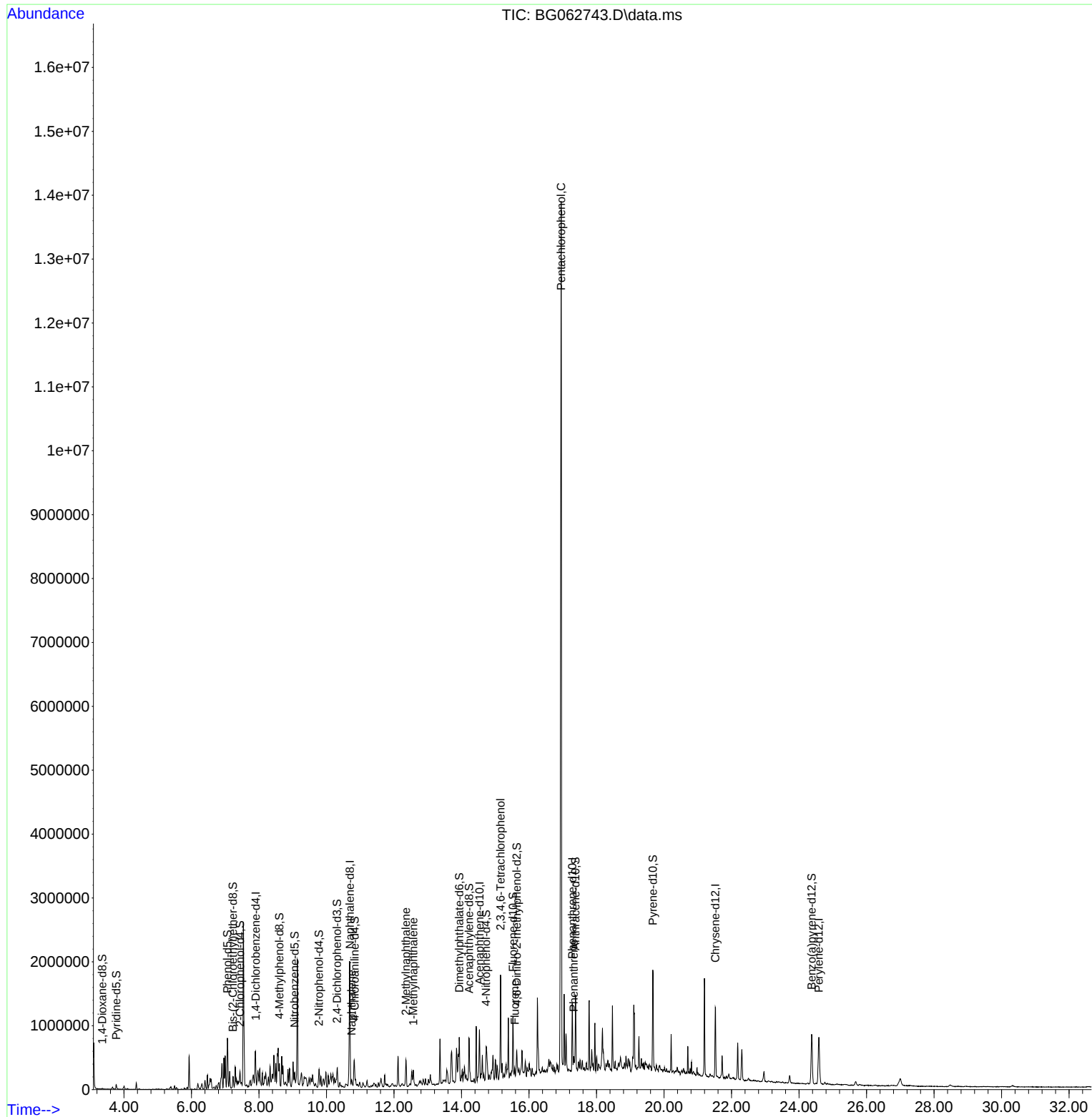
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 74586    | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.696 | 136  | 300709   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.533 | 164  | 272324   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.283 | 188  | 678227   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.519 | 240  | 670250   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.586 | 264  | 760173   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.358  | 96   | 5351     | 3.243   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.769  | 84   | 43528    | 8.288   | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.065  | 99   | 119831   | 18.322  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.230  | 67   | 75283    | 19.199  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.435  | 132  | 92915    | 19.504  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 102494   | 18.805  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 47093    | 21.912  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.774  | 143  | 55560    | 23.638  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.314 | 165  | 110593   | 21.605  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.831 | 131  | 132104   | 18.775  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 407753   | 19.444  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.221 | 160  | 472128   | 20.271  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.727 | 143  | 63209    | 17.743  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.526 | 176  | 395496   | 20.929  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.637 | 200  | 76195    | 19.531  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.377 | 188  | 668751   | 20.893  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.668 | 212  | 804999   | 21.343  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.374 | 264  | 851673   | 21.218  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.743 | 128  | 62165    | 3.856   | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.353 | 142  | 174851   | 14.694  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.570 | 142  | 104693   | 8.589   | ng/u1  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.156 | 232  | 350573   | 56.818  | ng/u1  | 99       |
| 61) Fluorene                  | 15.579 | 166  | 23936    | 1.178   | ng/u1# | 86       |
| 71) Pentachlorophenol         | 16.954 | 266  | 3150039  | 591.015 | ng/u1  | 92       |
| 72) Phenanthrene              | 17.324 | 178  | 134306   | 3.808   | ng/u1  | 96       |
| -----                         |        |      |          |         |        |          |

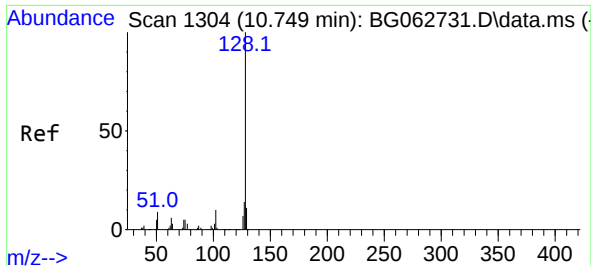
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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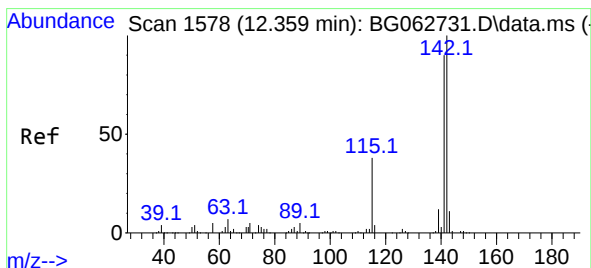
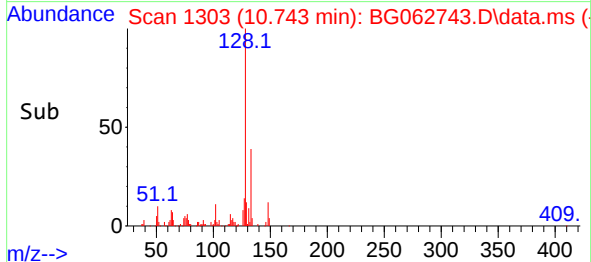
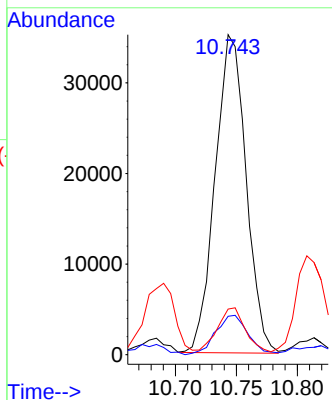
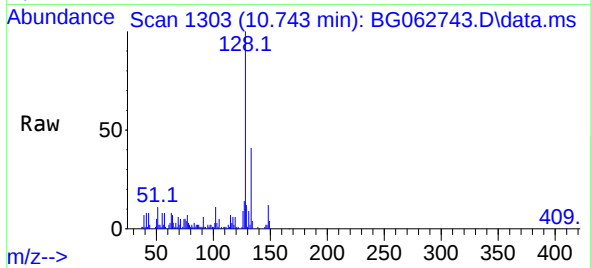




#30  
Naphthalene  
Concen: 3.856 ng/ul  
RT: 10.743 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG062743.D  
Acq: 11 Sep 2024 19:42

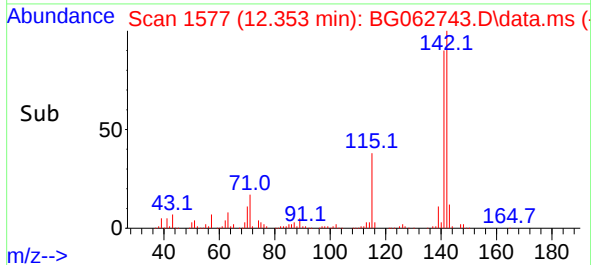
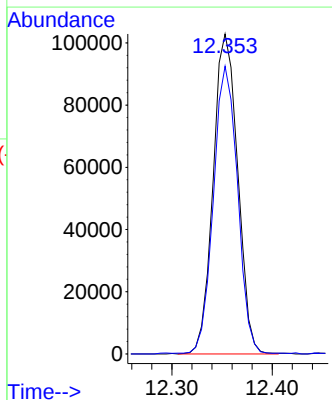
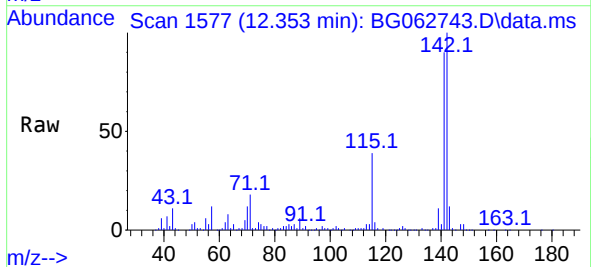
Instrument :  
BNA\_G  
ClientSampleId :  
DCVZ4

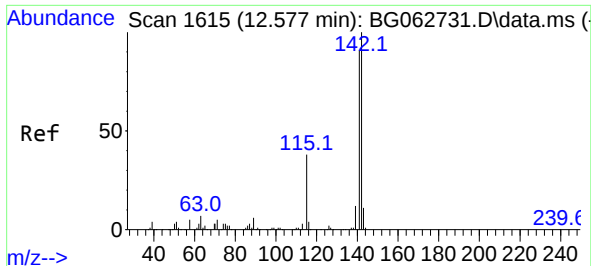
Tgt Ion:128 Resp: 62165  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.0 13.6  
127 14.3 10.7 16.1



#36  
2-Methylnaphthalene  
Concen: 14.694 ng/ul  
RT: 12.353 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BG062743.D  
Acq: 11 Sep 2024 19:42

Tgt Ion:142 Resp: 174851  
Ion Ratio Lower Upper  
142 100  
141 89.9 73.4 110.2





#37

1-Methylnaphthalene

Concen: 8.589 ng/ul

RT: 12.570 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062743.D

Acq: 11 Sep 2024 19:42

Instrument :

BNA\_G

ClientSampleId :

DCVZ4

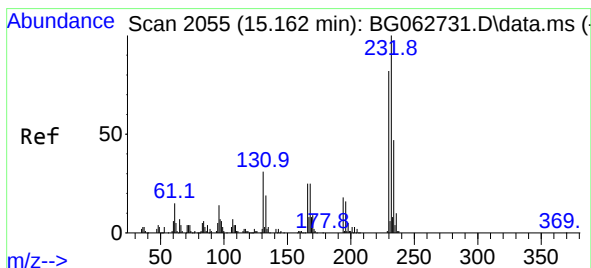
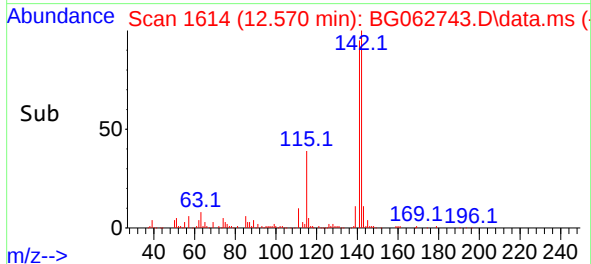
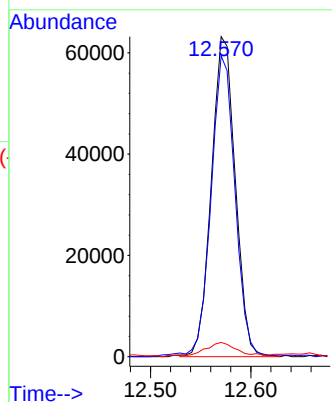
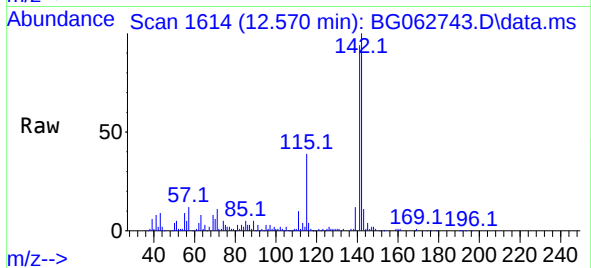
Tgt Ion:142 Resp: 104693

Ion Ratio Lower Upper

142 100

141 94.0 71.1 106.7

116 4.5 3.0 4.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.818 ng/ul

RT: 15.156 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BG062743.D

Acq: 11 Sep 2024 19:42

Tgt Ion:232 Resp: 350573

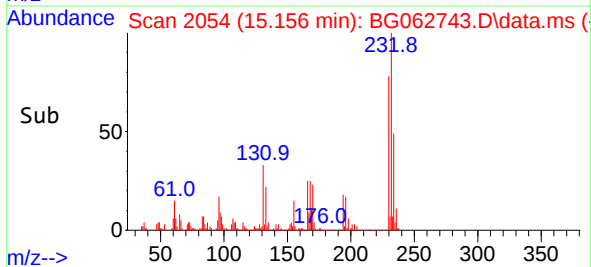
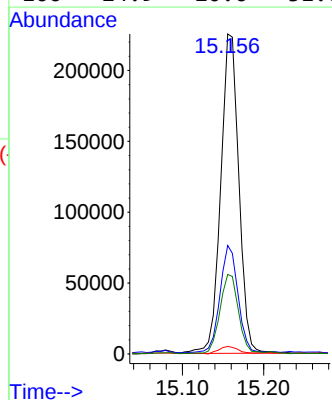
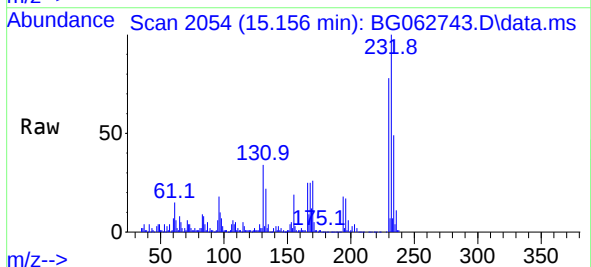
Ion Ratio Lower Upper

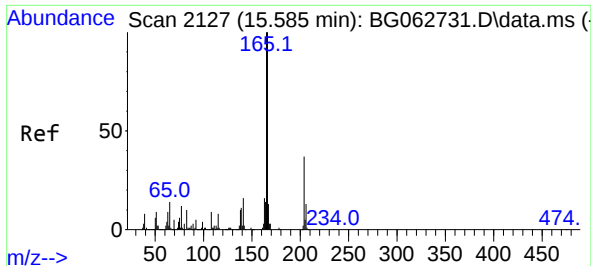
232 100

131 33.9 26.6 40.0

130 2.4 1.6 2.4

166 24.9 20.6 31.0

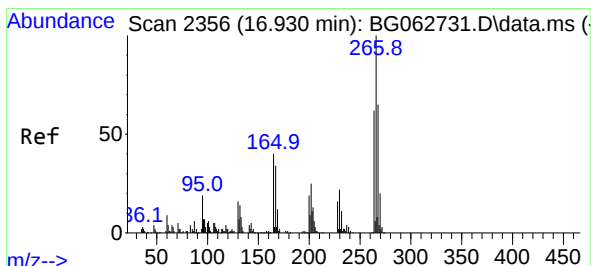
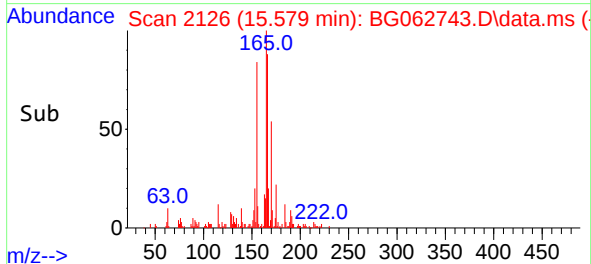
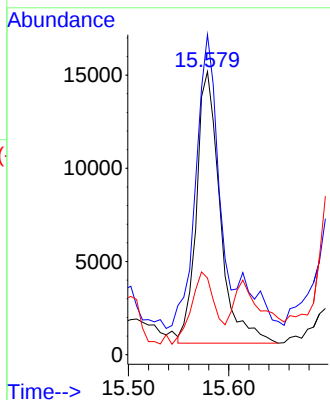
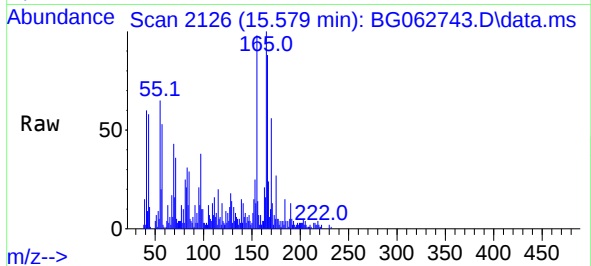




#61  
 Fluorene  
 Concen: 1.178 ng/ul  
 RT: 15.579 min Scan# 2127  
 Delta R.T. 0.000 min  
 Lab File: BG062743.D  
 Acq: 11 Sep 2024 19:42

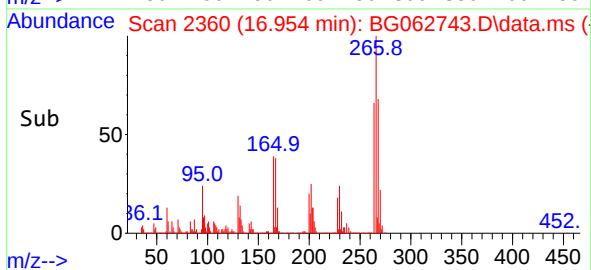
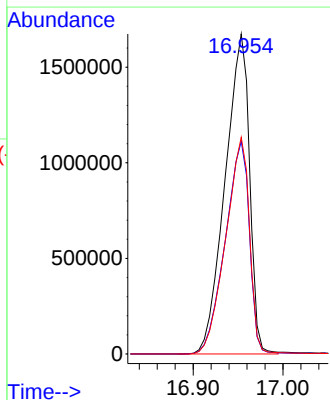
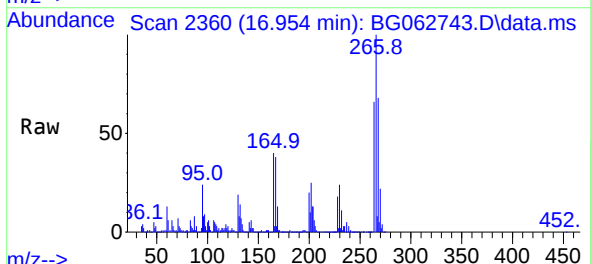
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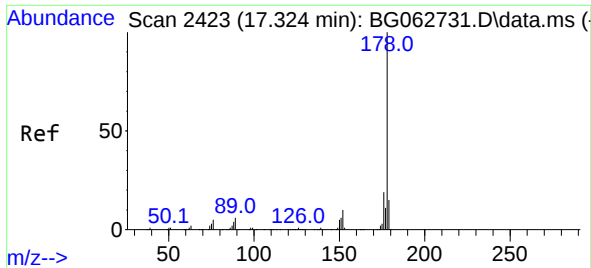
Tgt Ion:166 Resp: 23936  
 Ion Ratio Lower Upper  
 166 100  
 165 113.1 80.9 121.3  
 167 27.1 10.9 16.3#



#71  
 Pentachlorophenol  
 Concen: 591.015 ng/ul  
 RT: 16.954 min Scan# 2360  
 Delta R.T. 0.024 min  
 Lab File: BG062743.D  
 Acq: 11 Sep 2024 19:42

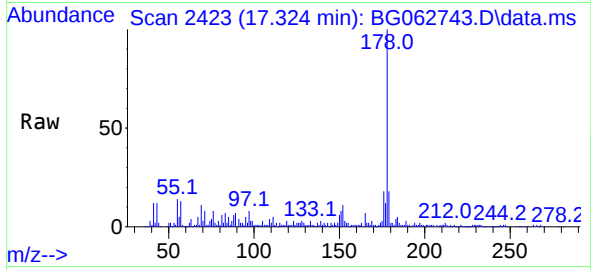
Tgt Ion:266 Resp: 3150039  
 Ion Ratio Lower Upper  
 266 100  
 264 66.4 48.6 72.8  
 268 67.7 49.5 74.3





#72  
Phenanthrene  
Concen: 3.808 ng/ul  
RT: 17.324 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BG062743.D  
Acq: 11 Sep 2024 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
DCVZ4



Tgt Ion:178 Resp: 134306  
Ion Ratio Lower Upper  
178 100  
179 17.9 12.1 18.1  
176 17.8 14.9 22.3

