

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
 Data File : BG062918.D  
 Acq On : 18 Sep 2024 21:05  
 Operator : JU/RC  
 Sample : P3877-10ME  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVY3ME

Quant Time: Sep 18 23:35:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

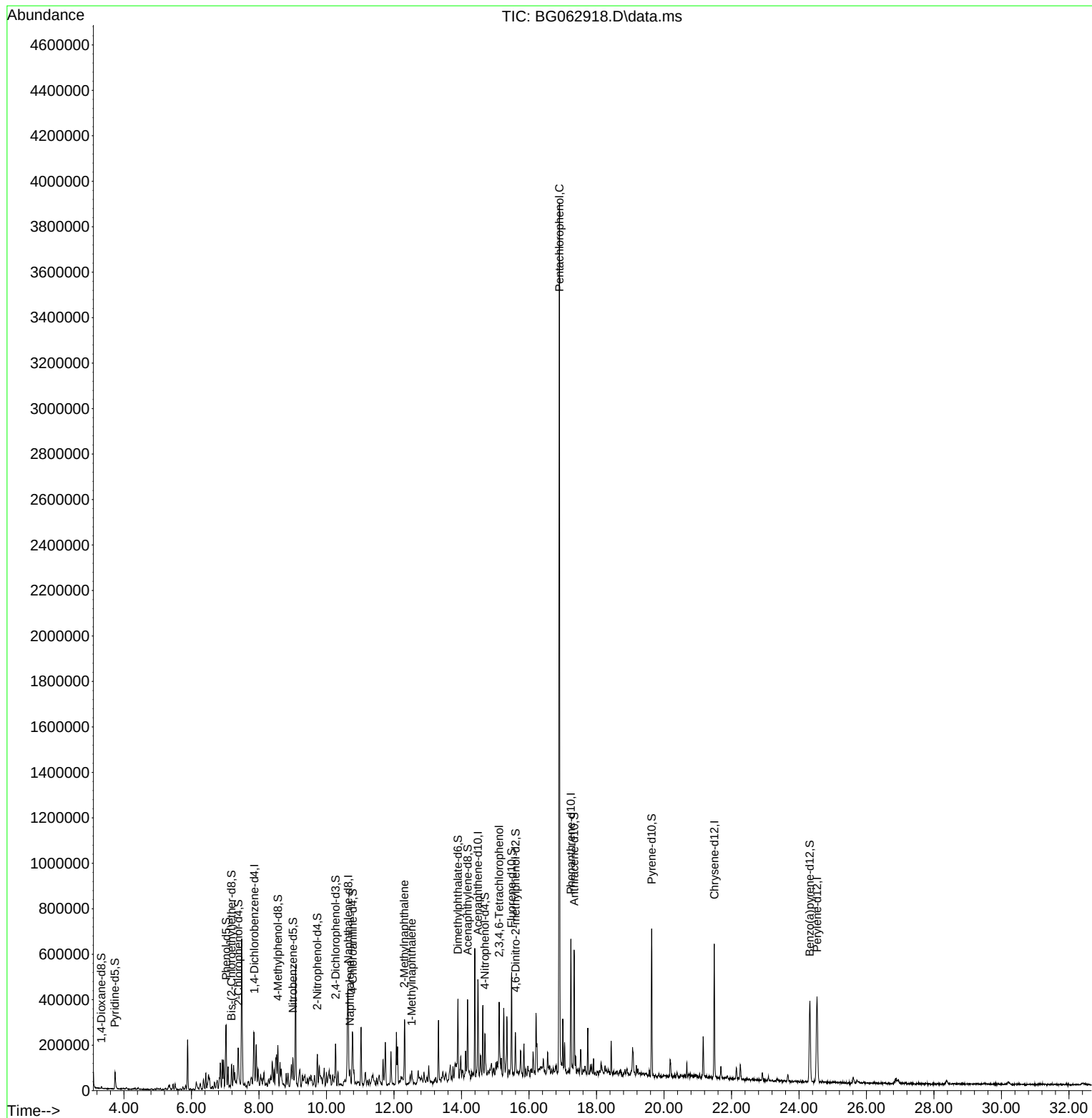
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.860  | 152  | 47329    | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.645 | 136  | 182611   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.487 | 164  | 143748   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.243 | 188  | 334497   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.491 | 240  | 329755   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.535 | 264  | 389173   | 20.000  | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.330  | 96   | 2610     | 1.615   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.735  | 84   | 48044    | 10.952  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.026  | 99   | 72378    | 14.737  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.184  | 67   | 42532    | 15.476  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.390  | 132  | 49592    | 15.381  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.559  | 113  | 53696    | 14.925  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.006  | 128  | 24064    | 16.541  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 29061    | 17.608  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.269 | 165  | 56986    | 16.642  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.780 | 131  | 67366    | 15.808  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.894 | 166  | 197294   | 18.457  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.182 | 160  | 215278   | 18.031  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.693 | 143  | 25292    | 14.765  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.486 | 176  | 183905   | 18.477  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200  | 31062    | 15.362  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.337 | 188  | 289545   | 18.315  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.634 | 212  | 367152   | 18.383  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.323 | 264  | 386862   | 18.849  | ng/u1  | 0.01     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.698 | 128  | 24687    | 2.435   | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.308 | 142  | 33892    | 4.639   | ng/u1  | 84       |
| 37) 1-Methylnaphthalene       | 12.525 | 142  | 19993    | 2.704   | ng/u1# | 84       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.116 | 232  | 63227    | 21.067  | ng/u1  | 96       |
| 71) Pentachlorophenol         | 16.902 | 266  | 730251   | 298.260 | ng/u1  | 94       |
| -----                         |        |      |          |         |        |          |

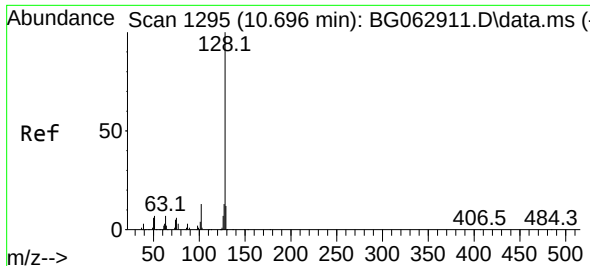
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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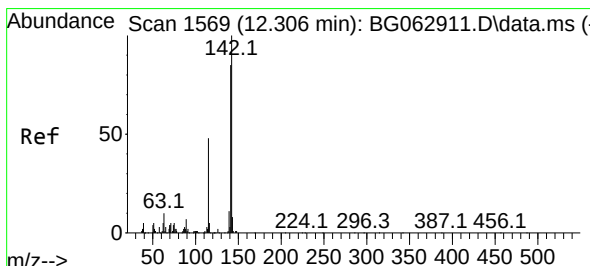
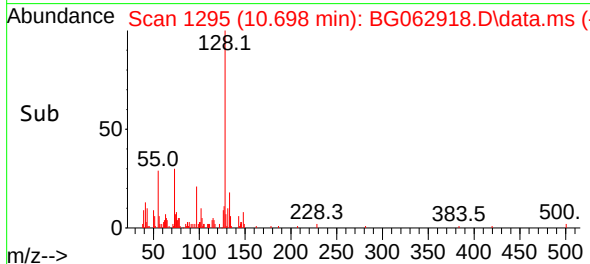
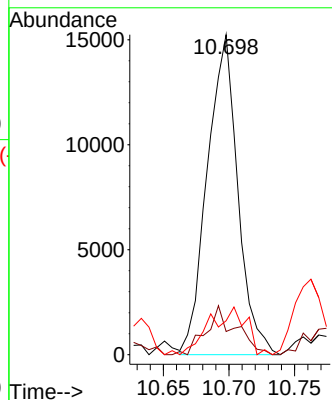
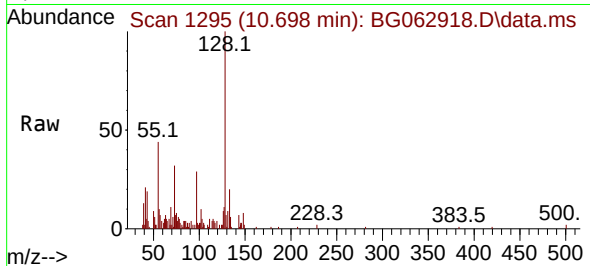




#30  
Naphthalene  
Concen: 2.435 ng/ul  
RT: 10.698 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BG062918.D  
Acq: 18 Sep 2024 21:05

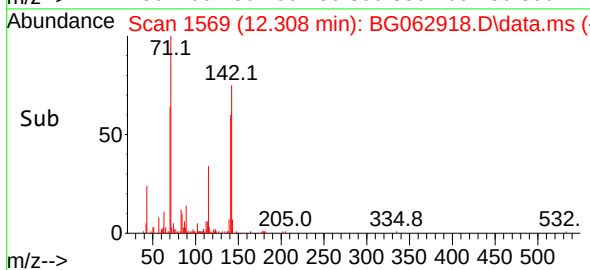
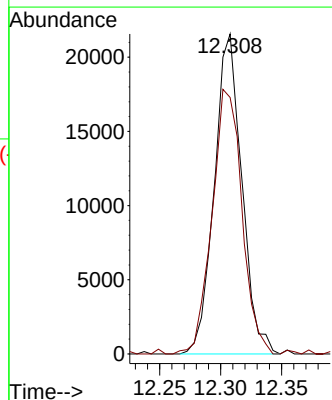
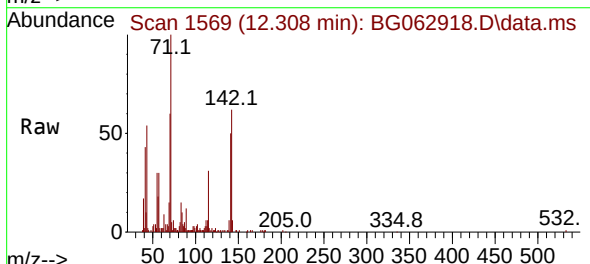
Instrument :  
BNA\_G  
ClientSampleId :  
DCVY3ME

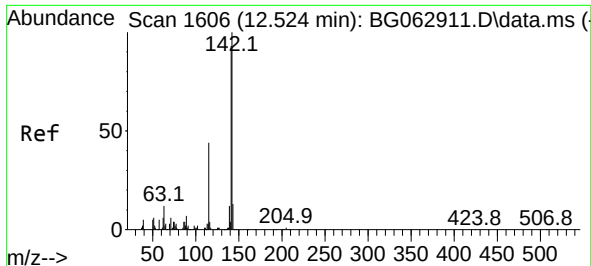
Tgt Ion:128 Resp: 24687  
Ion Ratio Lower Upper  
128 100  
129 7.3 7.1 10.7  
127 10.6 9.4 14.2



#36  
2-Methylnaphthalene  
Concen: 4.639 ng/ul  
RT: 12.308 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BG062918.D  
Acq: 18 Sep 2024 21:05

Tgt Ion:142 Resp: 33892  
Ion Ratio Lower Upper  
142 100  
141 80.2 76.5 114.7





#37

1-Methylnaphthalene

Concen: 2.704 ng/ul

RT: 12.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062918.D

Acq: 18 Sep 2024 21:05

Instrument :

BNA\_G

ClientSampleId :

DCVY3ME

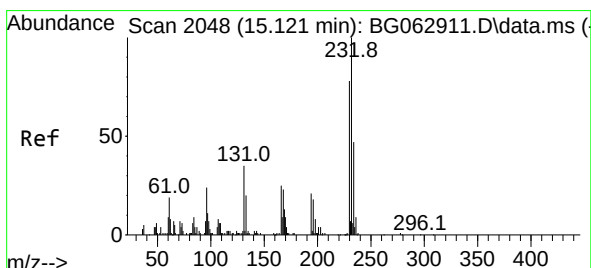
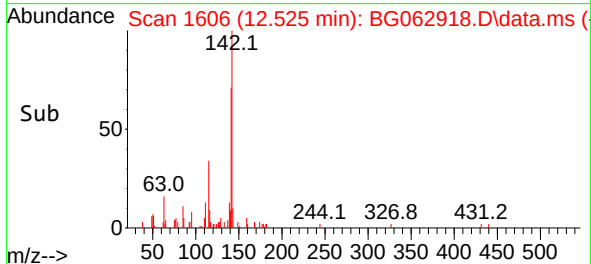
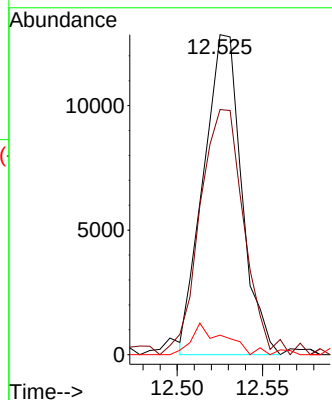
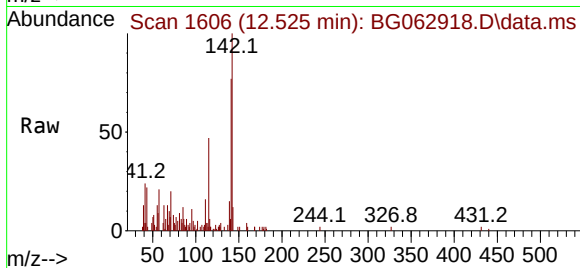
Tgt Ion:142 Resp: 19993

Ion Ratio Lower Upper

142 100

141 76.6 74.1 111.1

116 6.1 3.6 5.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.067 ng/ul

RT: 15.116 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BG062918.D

Acq: 18 Sep 2024 21:05

Tgt Ion:232 Resp: 63227

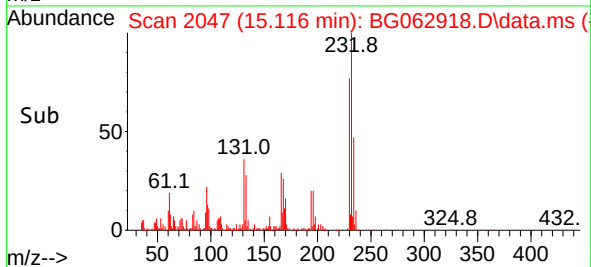
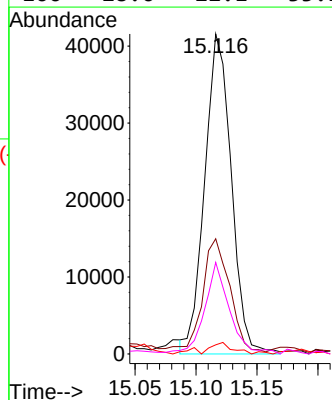
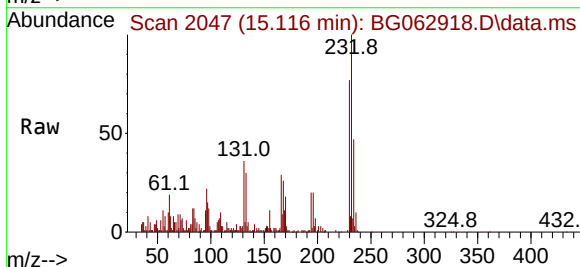
Ion Ratio Lower Upper

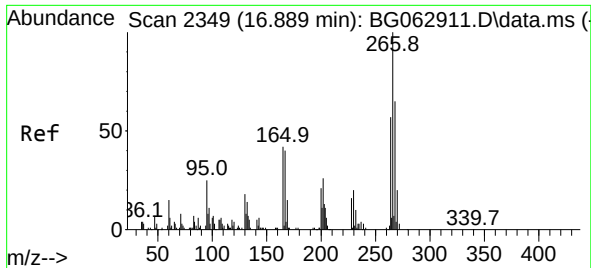
232 100

131 36.0 31.9 47.9

130 2.8 1.9 2.9

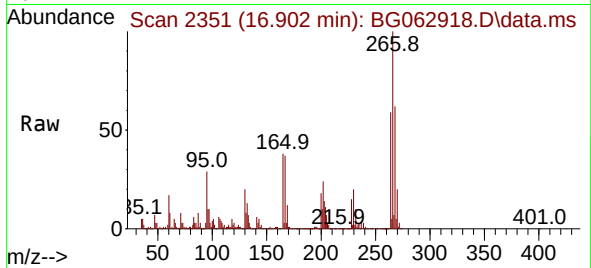
166 28.6 22.1 33.1





#71  
Pentachlorophenol  
Concen: 298.260 ng/ul  
RT: 16.902 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BG062918.D  
Acq: 18 Sep 2024 21:05

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY3ME



| Tgt Ion: | 266   | Resp: | 730251 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 266      | 100   |       |        |
| 264      | 59.2  | 43.0  | 64.4   |
| 268      | 61.8  | 47.2  | 70.8   |

