

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\  
 Data File : BG046962.D  
 Acq On : 18 Oct 2020 5:46  
 Operator : CG/JU  
 Sample : L4259-13DL2 25X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C5CG1DL2

Quant Time: Oct 19 02:40:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 19 02:31:36 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 55346    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 240764   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 188342   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 457110   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.71 | 240  | 454443   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.95 | 264  | 446707   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00 | ng/uL |          |
| 5) Phenol-d5                   | 7.22  | 99   | 1050     | 0.22 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.39  | 67   | 3357     | 1.19 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.60  | 132  | 3633     | 1.00 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.77  | 113  | 2203     | 0.57 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.23  | 128  | 2126     | 1.04 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.95  | 143  | 2264     | 0.97 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.49 | 165  | 4321     | 0.94 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.99 | 131  | 802      | 0.15 | ng/ul | -0.02    |
| 44) Dimethylphthalate-d6       | 14.09 | 166  | 20112    | 1.29 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.39 | 160  | 22826    | 1.28 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.89 | 143  | 282      | 0.10 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.68 | 176  | 17378    | 1.21 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200  | 2298     | 0.73 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.54 | 188  | 33034    | 1.49 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.82 | 212  | 36713    | 1.47 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.72 | 264  | 33890    | 1.35 | ng/ul | 0.00     |

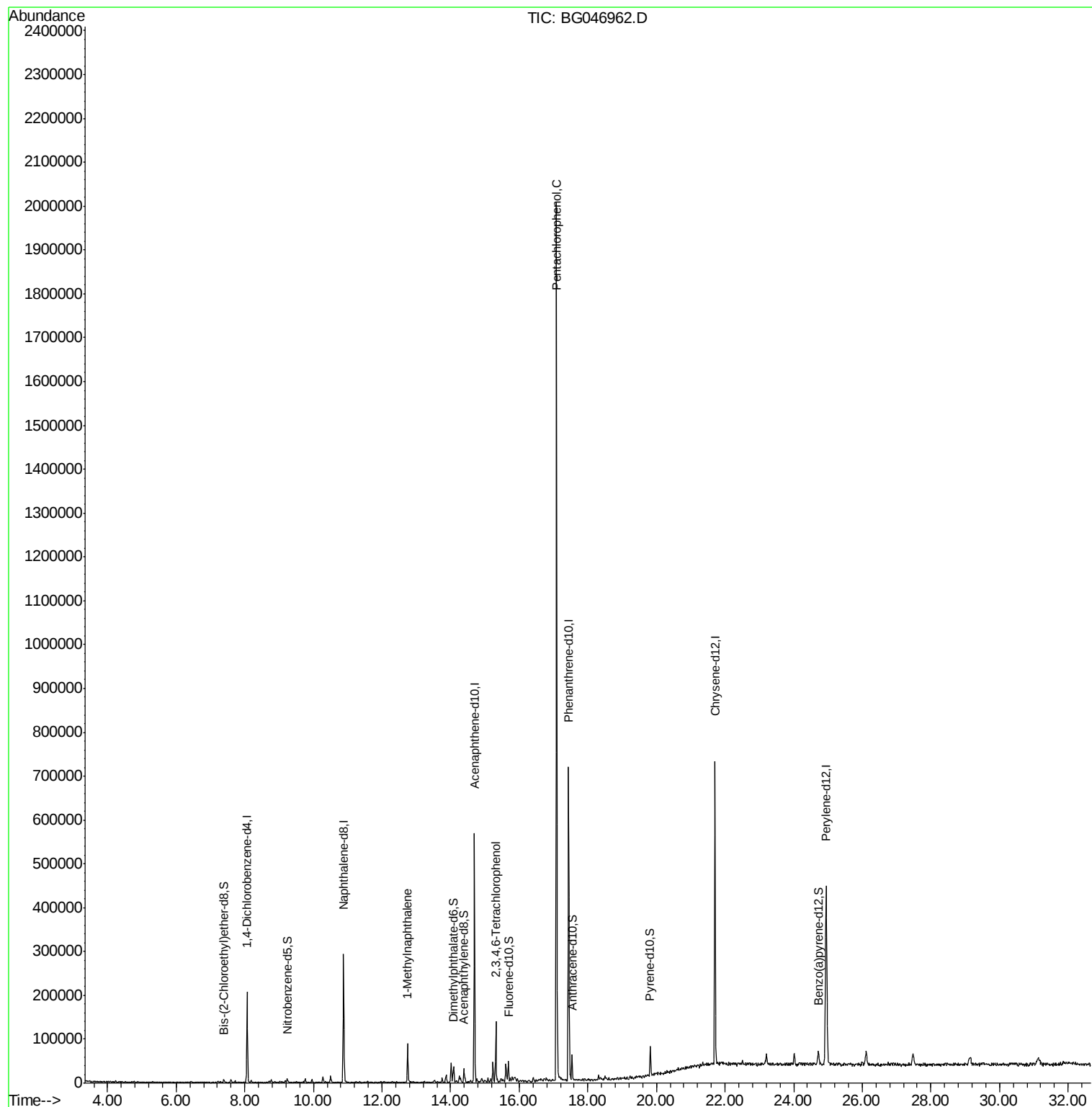
| Target Compounds              | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|-------------------------------|-------|------|----------|--------|--------|--------|
| 35) 1-Methylnaphthalene       | 12.74 | 142  | 38737    | 3.845  | ng/uL  | 99     |
| 56) 2,3,4,6-Tetrachlorophenol | 15.32 | 232  | 30157    | 6.380  | ng/ul# | 96     |
| 69) Pentachlorophenol         | 17.09 | 266  | 393945   | 99.939 | ng/ul  | 97     |

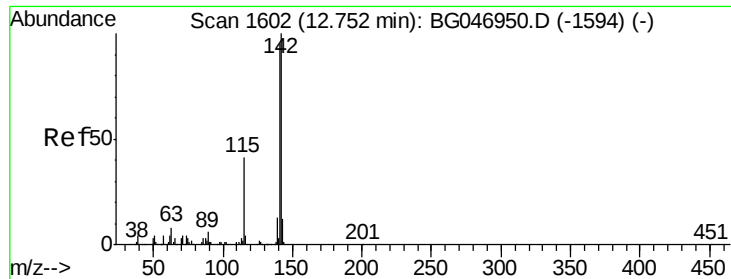
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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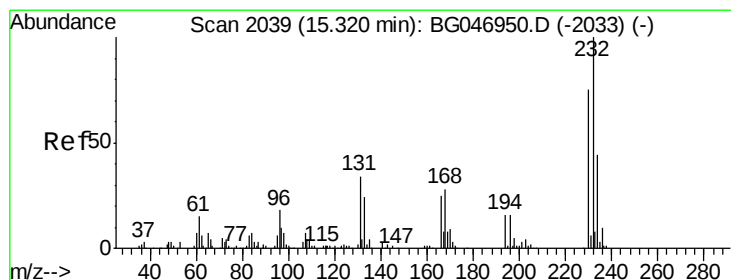
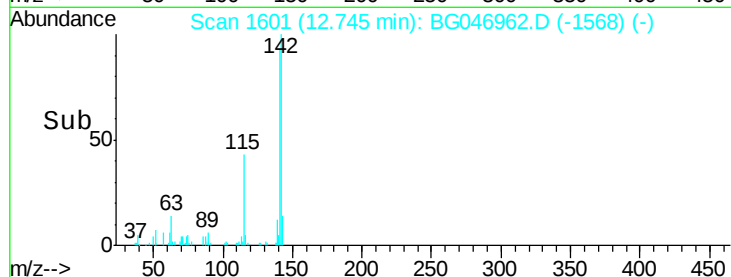
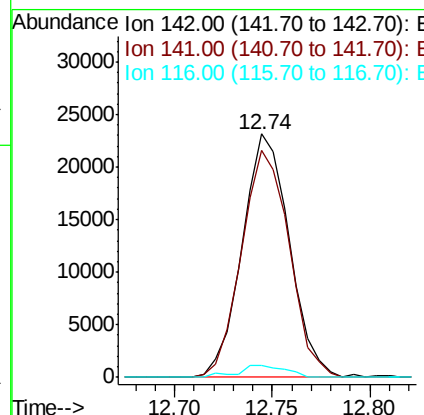
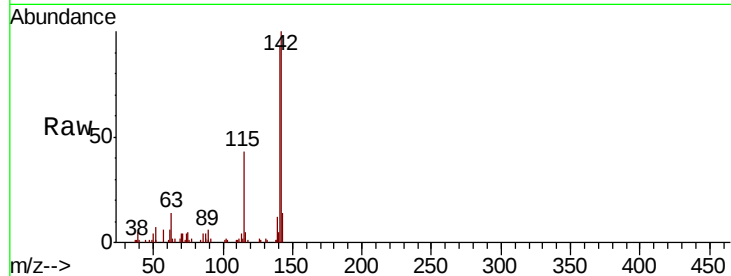




#35  
 1-Methylnaphthalene  
 Concen: 3.845 ng/uL  
 RT: 12.74 min Scan# 1601  
 Delta R.T. -0.01 min  
 Lab File: BG046962.D  
 Acq: 18 Oct 2020 5:46

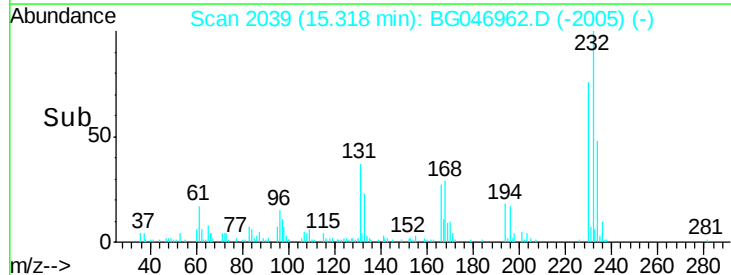
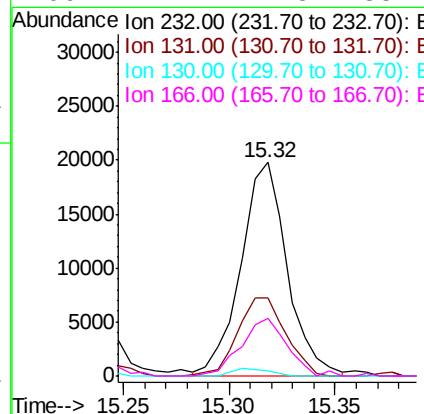
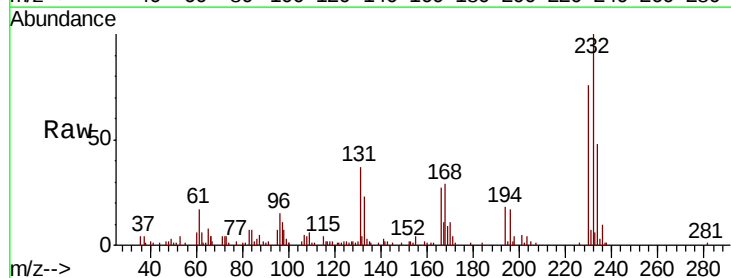
Instrument :  
 BNA\_G  
 ClientSampleId :  
 C5CG1DL2

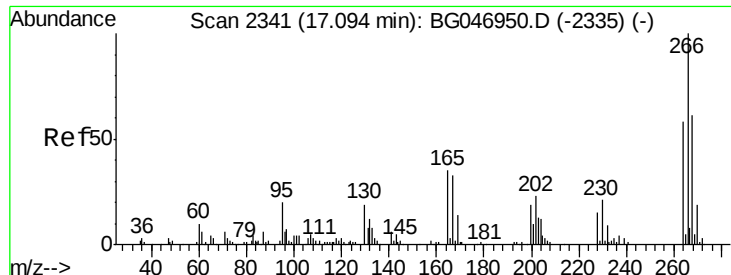
Tot Ion:142 Resp: 38737  
 Ion Ratio Lower Upper  
 142 100  
 141 94.5 76.5 114.7  
 116 4.1 3.5 5.3



#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 6.380 ng/uL  
 RT: 15.32 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BG046962.D  
 Acq: 18 Oct 2020 5:46

Tgt Ion:232 Resp: 30157  
 Ion Ratio Lower Upper  
 232 100  
 131 36.5 26.2 39.4  
 130 2.1 0.0 0.0#  
 166 27.1 22.5 33.7





#69

Pentachlorophenol

Concen: 99.939 ng/ul

RT: 17.09 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG046962.D

Acq: 18 Oct 2020 5:46

Instrument :

BNA\_G

ClientSampleId :

C5CG1DL2

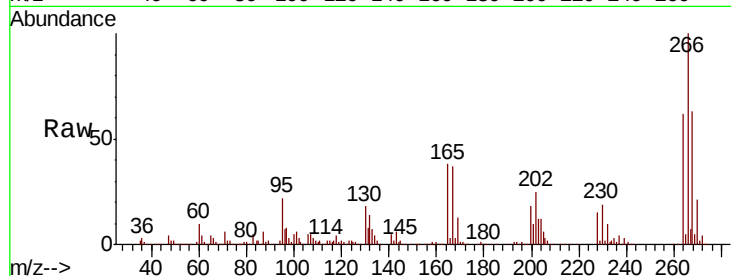
Tot Ion:266 Resp: 393945

Ion Ratio Lower Upper

266 100

264 62.0 52.6 78.8

268 63.4 52.2 78.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

