

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG053116\  
 Data File : BG022113.D  
 Acq On : 31 May 2016 13:27  
 Operator : UM/SJ  
 Sample : PB90954BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK54

Quant Time: Jun 01 01:07:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 01 01:07:08 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 30490    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 156154   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 102423   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 243770   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 238187   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 220755   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96   | 2266     | 3.87  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.29  | 99   | 78080    | 28.34 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.45  | 67   | 43702    | 30.26 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.67  | 132  | 72530    | 31.50 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.84  | 113  | 73946    | 31.65 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.31  | 128  | 38135    | 33.11 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.03 | 143  | 43161    | 34.60 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.58 | 165  | 67597    | 30.71 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.10 | 131  | 105271   | 43.92 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.16 | 166  | 309302   | 40.20 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.46 | 160  | 356010   | 33.14 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.98 | 143  | 39145    | 29.55 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.75 | 176  | 254901   | 35.38 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200  | 41345    | 32.45 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.61 | 188  | 409122   | 34.97 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.88 | 212  | 451717   | 33.63 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264  | 377684   | 36.87 | ng/ul | 0.00     |

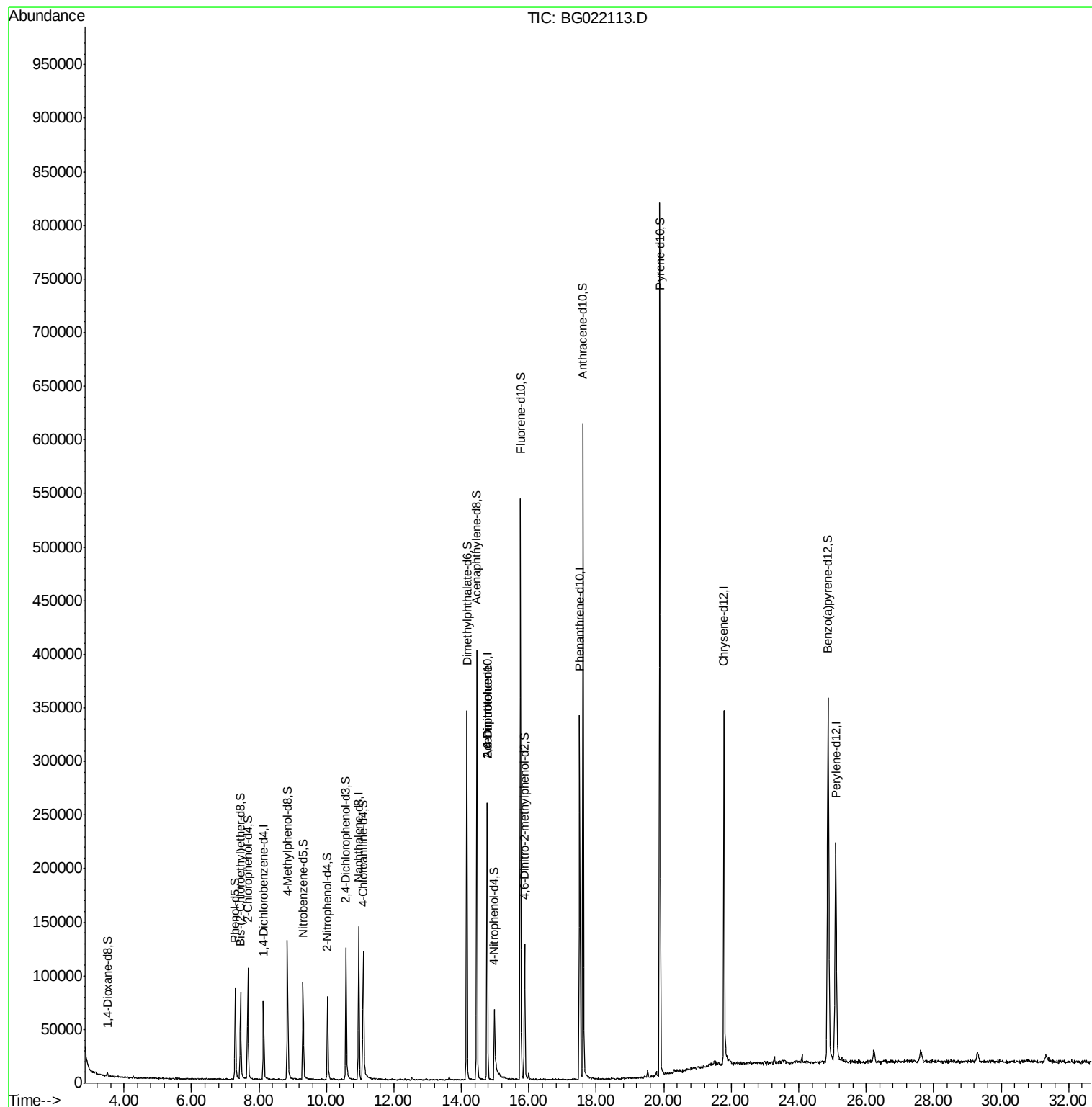
| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|------------------------|-------|------|----------|------|--------|--------|
| 45) 2,6-Dinitrotoluene | 14.76 | 165  | 13146    | 7.93 | ng/ul# | 34     |
| 54) 2,4-Dinitrotoluene | 14.76 | 165  | 13146    | 5.88 | ng/ul# | 46     |

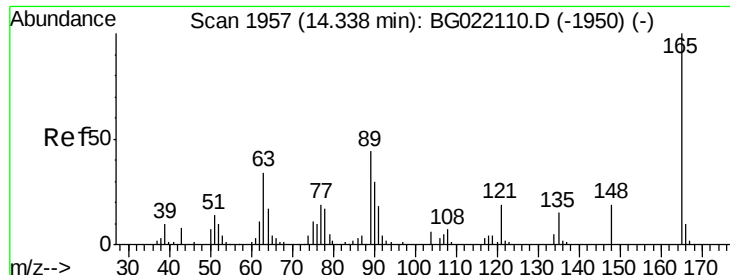
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG053116\  
Data File : BG022113.D  
Acq On : 31 May 2016 13:27  
Operator : UM/SJ  
Sample : PB90954BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK54

Quant Time: Jun 01 01:07:54 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jun 01 01:07:08 2016  
Response via : Initial Calibration

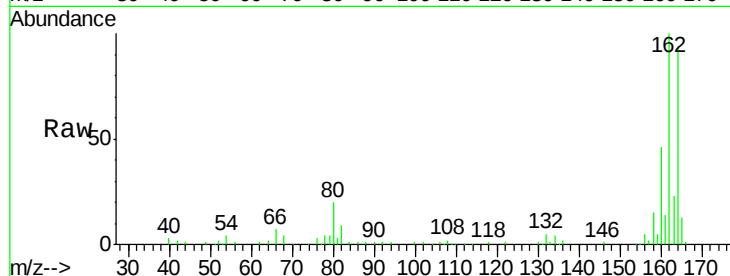




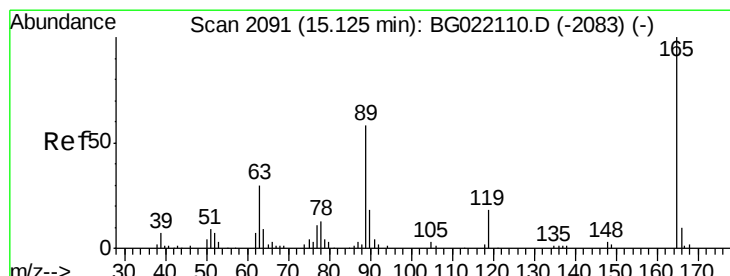
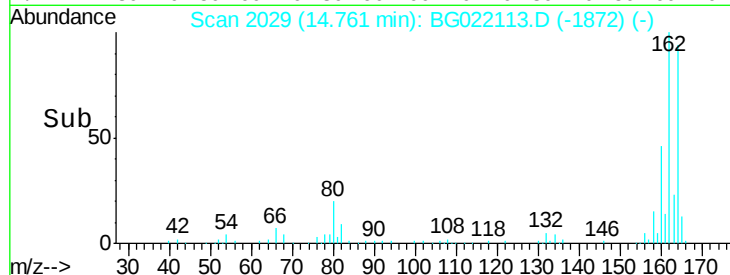
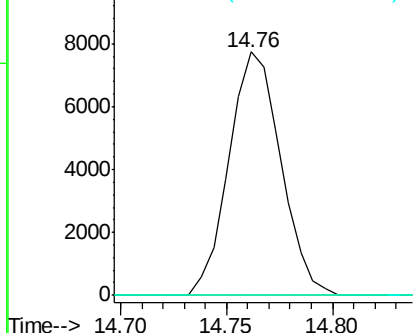
#45  
 2,6-Dinitrotoluene  
 Concen: 7.93 ng/ul  
 RT: 14.76 min Scan# 2029  
 Delta R.T. 0.42 min  
 Lab File: BG022113.D  
 Acq: 31 May 2016 13:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 41.5  | 62.3# |
| 121     | 0.0   | 17.0  | 25.4# |

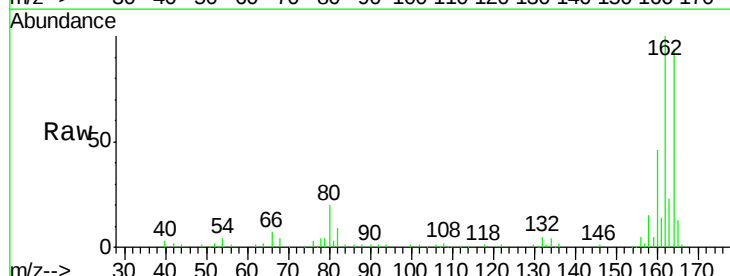


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 121.00 (120.70 to 121.70): E



#54  
 2,4-Dinitrotoluene  
 Concen: 5.88 ng/ul  
 RT: 14.76 min Scan# 2029  
 Delta R.T. -0.36 min  
 Lab File: BG022113.D  
 Acq: 31 May 2016 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 25.7  | 38.5# |
| 182     | 0.0   | 2.1   | 3.1#  |



Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

