

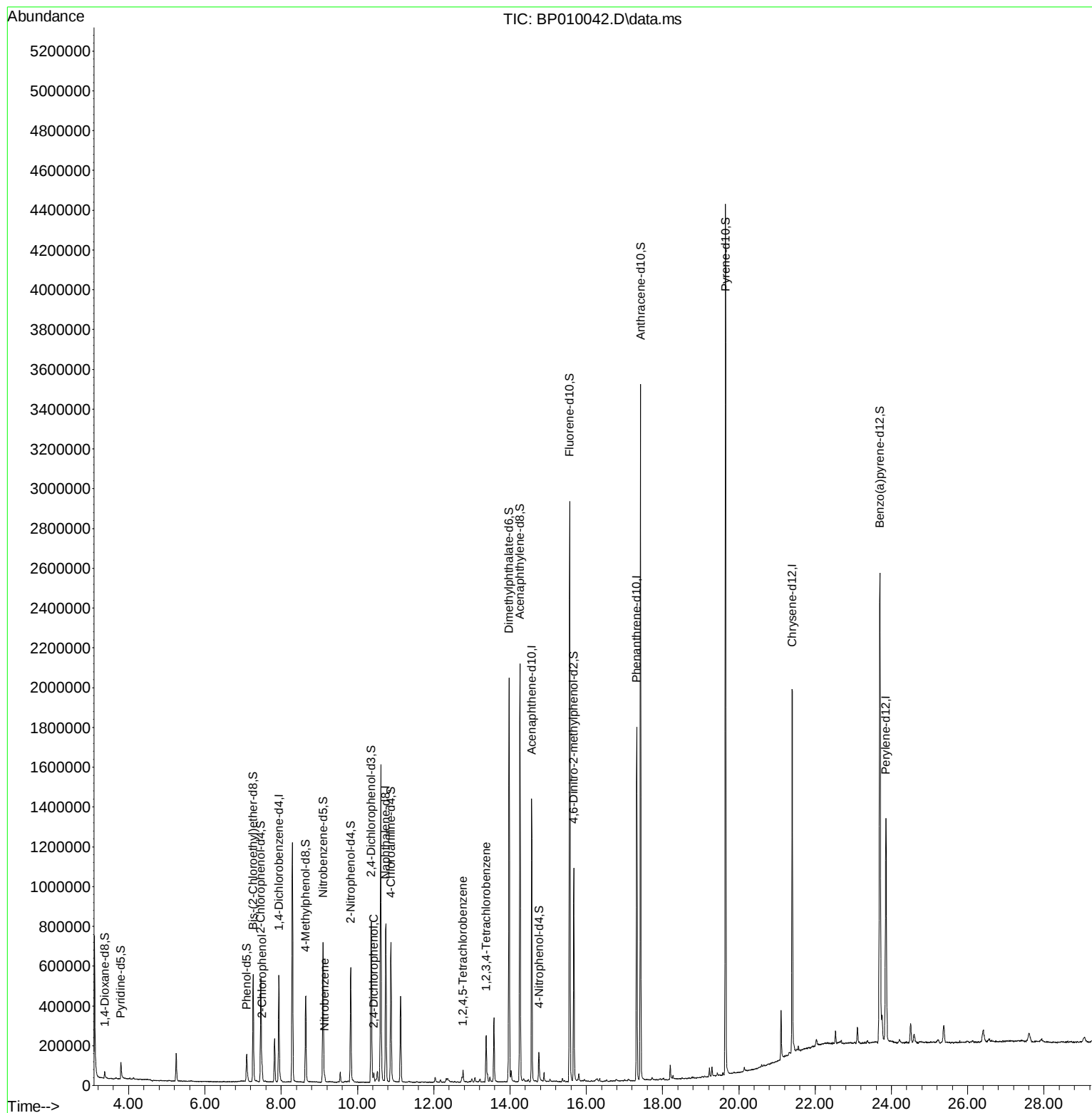
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042122\  
Data File : BP010042.D  
Acq On : 22 Apr 2022 07:20  
Operator : CG/JU  
Sample : N2490-03  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0J20

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022  
Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 11:20:16 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP042122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 21 14:49:38 2022  
Response via : Initial Calibration



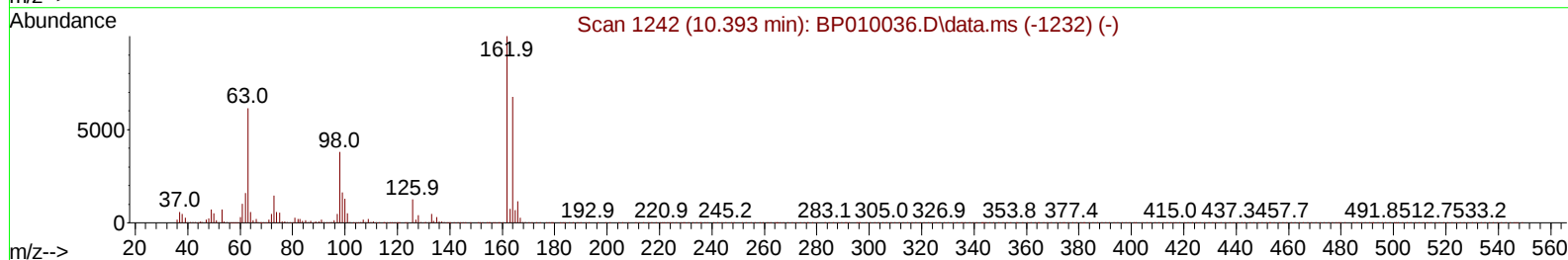
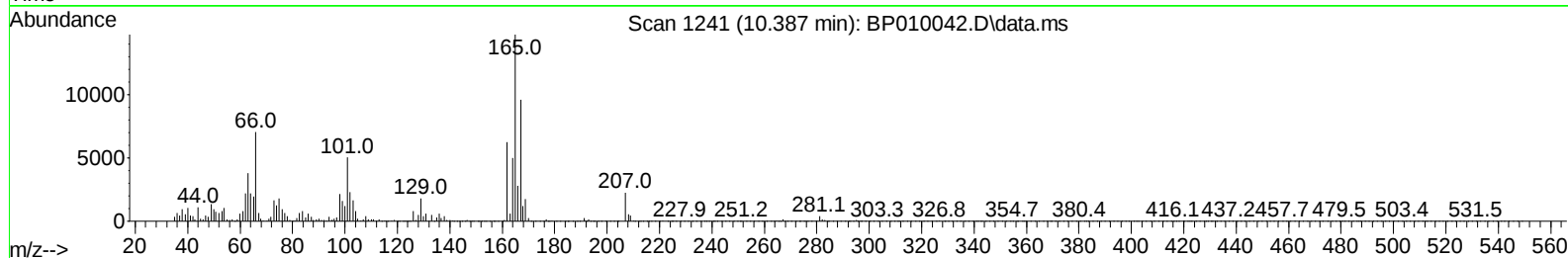
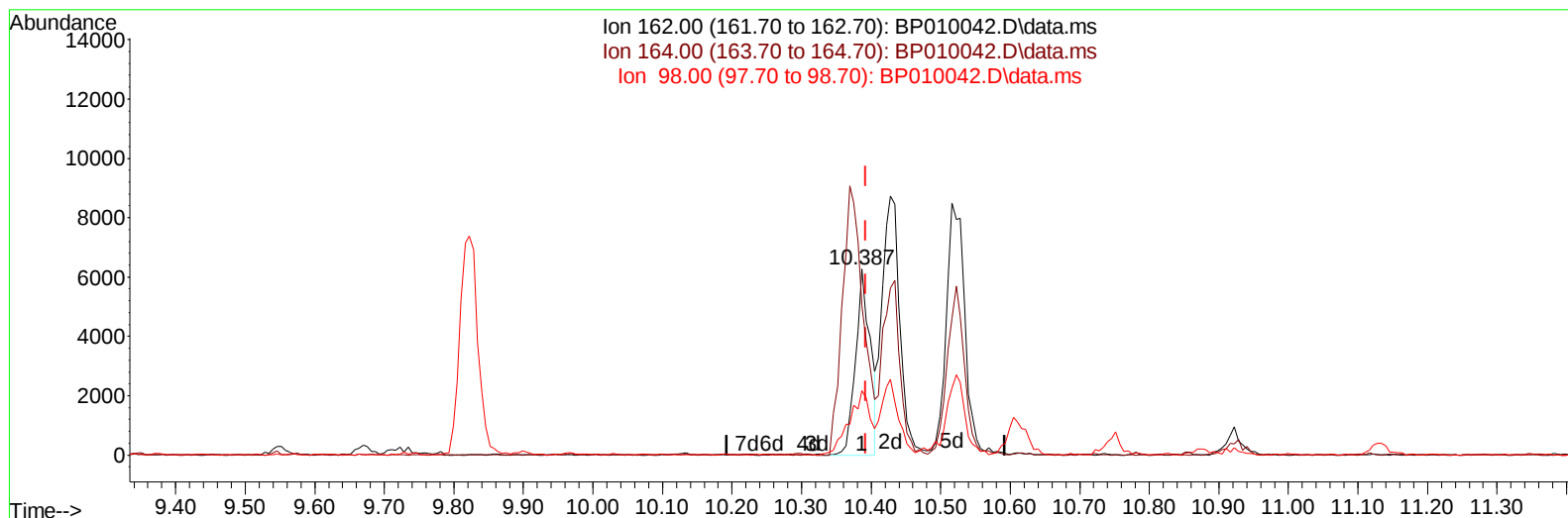
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TIC: BP010042.D\data.ms

**(29) 2,4-Dichlorophenol (C)**

**10.387min (-0.006) 0.88 ng/u1**

**response 9217**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 162.00 | 100.00 | 100.00 |
| 164.00 | 46.30  | 80.22# |
| 98.00  | 38.80  | 34.68  |
| 0.00   | 0.00   | 0.00   |

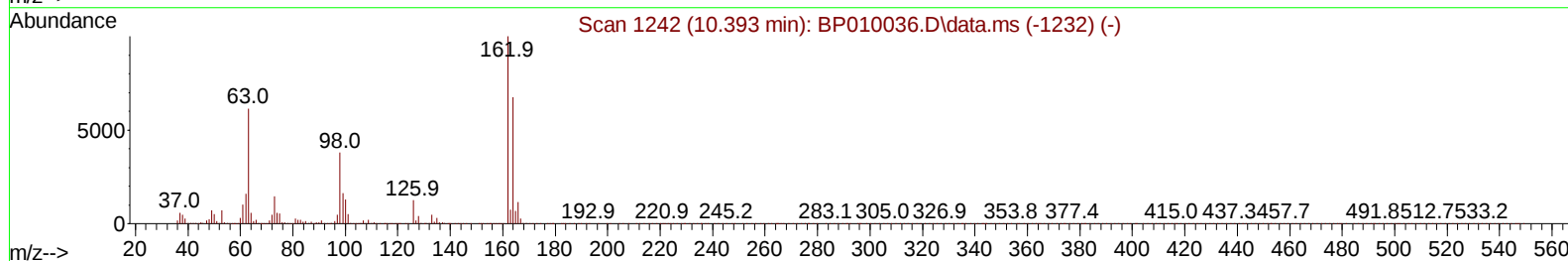
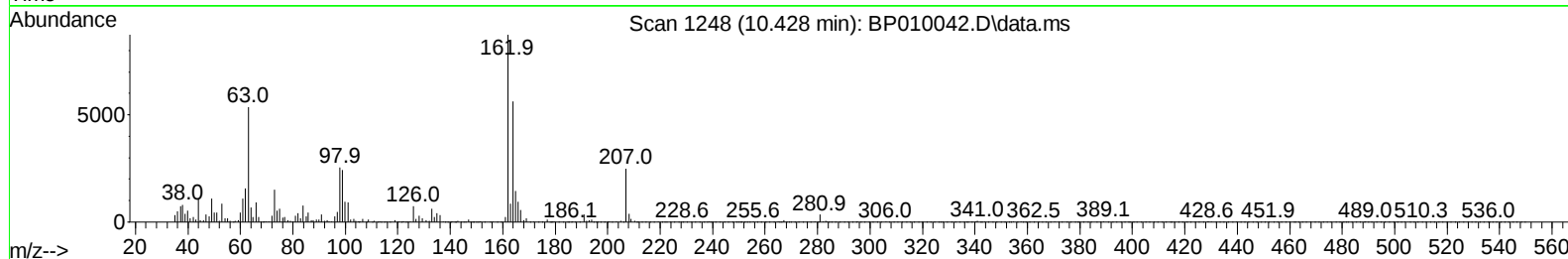
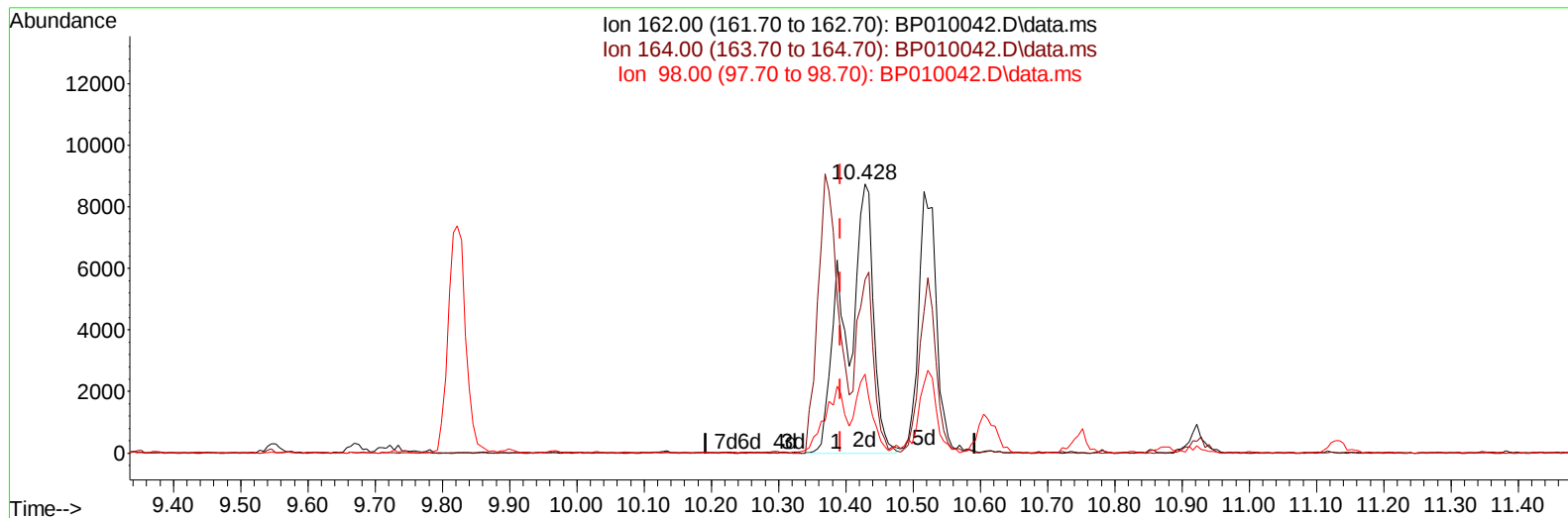
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TIC: BP010042.D\data.ms

**(29) 2,4-Dichlorophenol (C)**

**10.428min (+ 0.036) 2.37 ng/ul m**

**response 24806**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 162.00 | 100.00 | 100.00 |
| 164.00 | 46.30  | 64.55# |
| 98.00  | 38.80  | 29.29# |
| 0.00   | 0.00   | 0.00   |

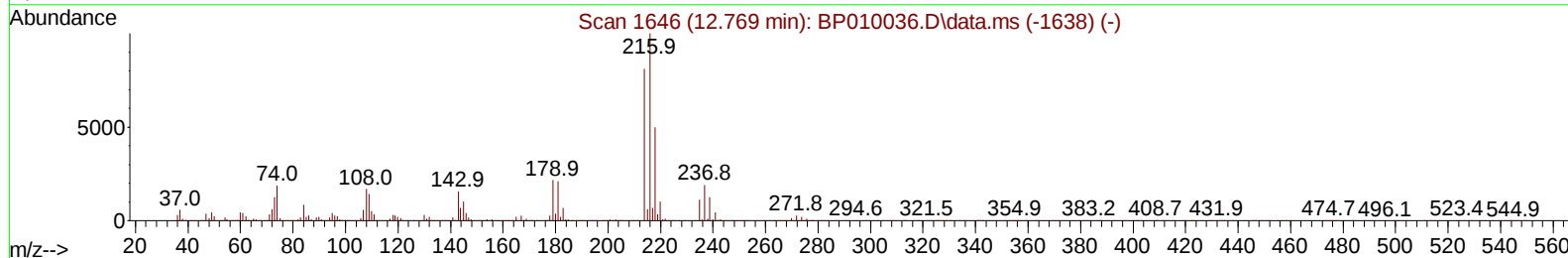
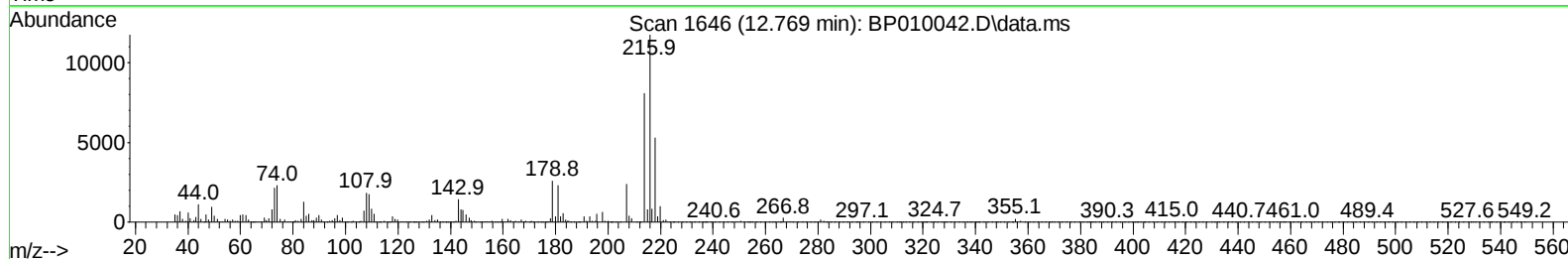
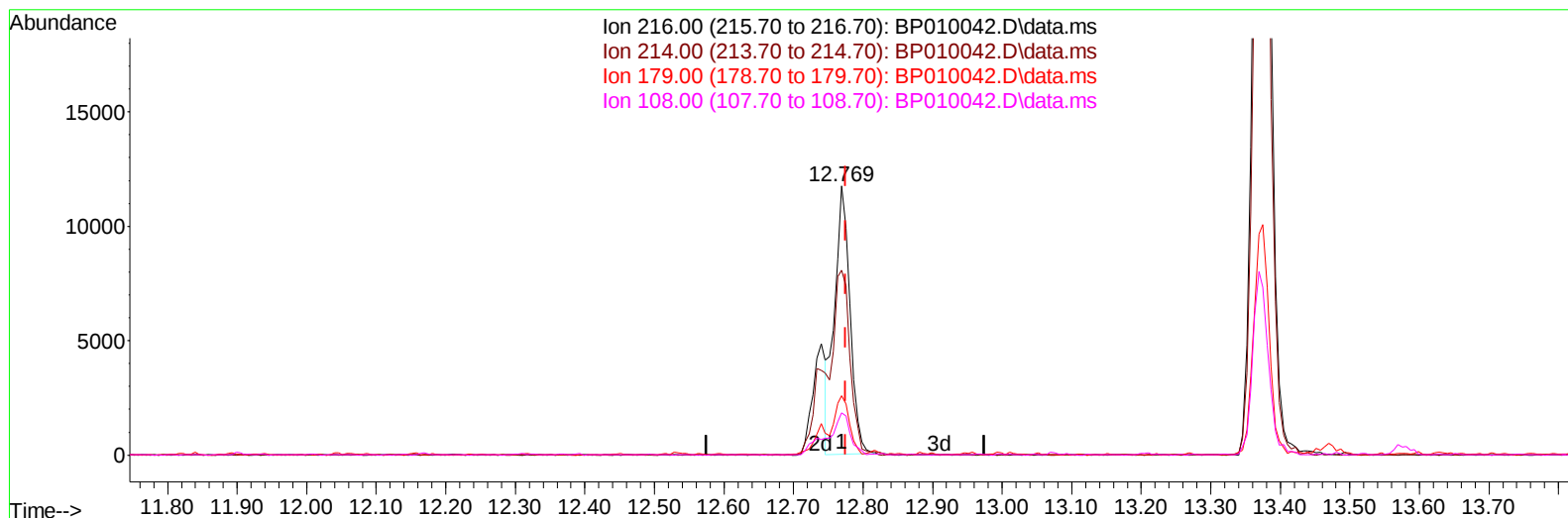
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TIC: BP010042.D\data.ms

**(39) 1,2,4,5-Tetrachlorobenzene**

**12.769min (-0.006) 1.25 ng/ul**

**response 18304**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 72.70  | 68.81  |
| 179.00 | 17.70  | 22.14# |
| 108.00 | 19.10  | 15.76  |

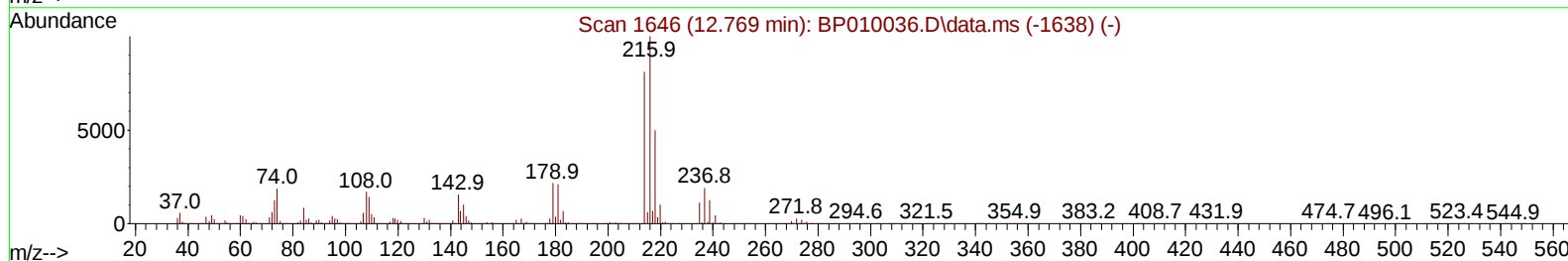
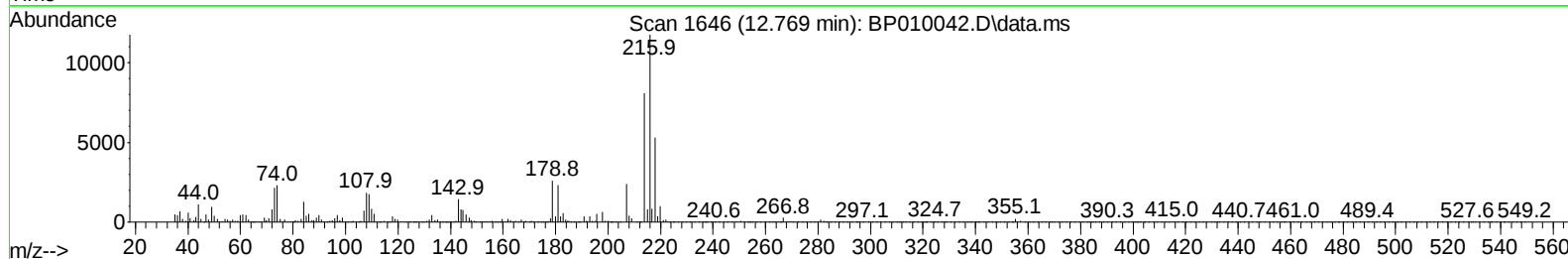
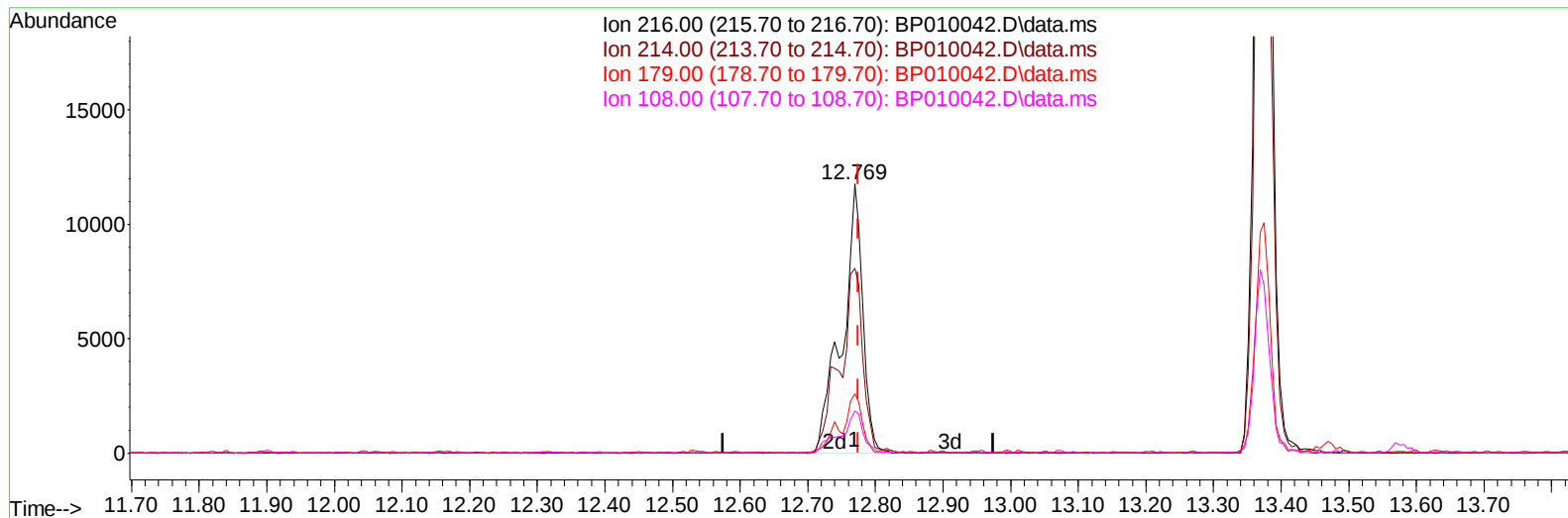
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BP010042.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.769min (-0.006) 1.71 ng/ul m

response 25008

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 72.70  | 68.81  |
| 179.00 | 17.70  | 22.14# |
| 108.00 | 19.10  | 15.76  |





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 Sample : N2490-03  
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 135862   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.746 | 136  | 643997   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.569 | 164  | 473955   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 1046494  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.404 | 240  | 939884   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.857 | 264  | 887020   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.370  | 96   | 17605    | 5.651  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.793  | 84   | 51161    | 5.837  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.099  | 99   | 75394    | 6.101  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.264  | 67   | 243584   | 32.849 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.469  | 132  | 222379   | 24.298 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.640  | 113  | 160480   | 15.674 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.099  | 128  | 158322   | 30.910 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.822  | 143  | 167246   | 29.898 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.363 | 165  | 283126   | 25.999 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.875 | 131  | 347149   | 22.232 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.975 | 166  | 1308373  | 35.488 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.263 | 160  | 1383261  | 31.000 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.757 | 143  | 36619m   | 5.395  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.563 | 176  | 1129666  | 35.620 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 200  | 205919   | 31.119 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.422 | 188  | 1950651  | 38.529 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.651 | 212  | 2302775  | 43.082 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.698 | 264  | 1820754  | 39.154 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 12) 2-Chlorophenol            | 7.499  | 128  | 31038    | 3.362  | ng/ul  | 95       |
| 22) Nitrobenzene              | 9.140  | 77   | 15447    | 1.231  | ng/ul# | 72       |
| 29) 2,4-Dichlorophenol        | 10.428 | 162  | 24806m   | 2.370  | ng/ul  |          |
| 39) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 25008m   | 1.708  | ng/ul  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.375 | 216  | 72619    | 4.753  | ng/uL# | 81       |
| -----                         |        |      |          |        |        |          |

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