

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110222\  
 Data File : BP012496.D  
 Acq On : 03 Nov 2022 18:58  
 Operator : CG/JU  
 Sample : N5319-08  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHAA1

Quant Time: Nov 03 23:05:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 03 00:09:04 2022  
 Response via : Initial Calibration

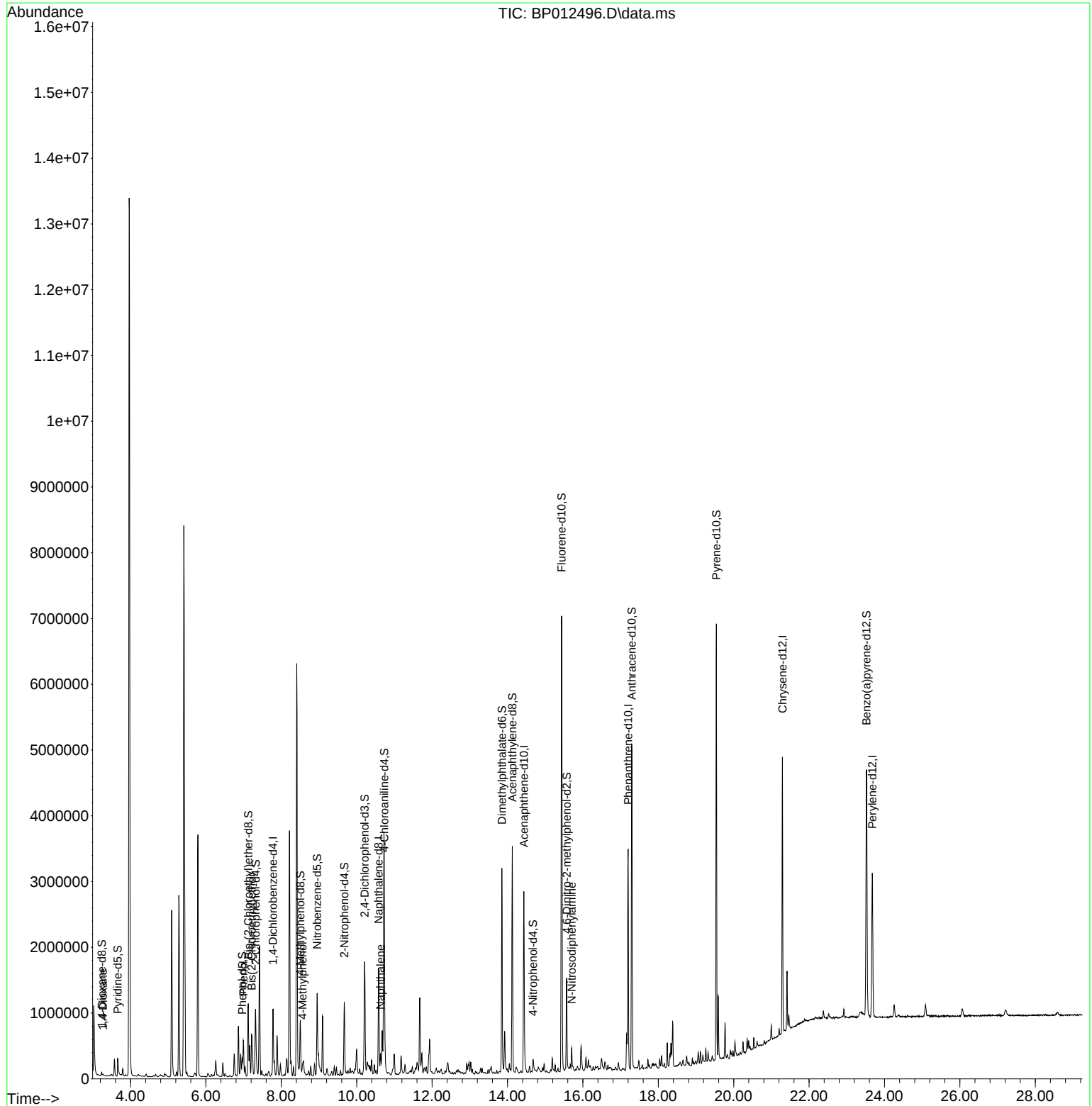
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 285803   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.581 | 136  | 1347979  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.434 | 164  | 928776   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 2050497  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1956687  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.674 | 264  | 1720552  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 28507    | 4.016  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.658  | 84   | 170995   | 8.386  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 175406   | 6.843  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.122  | 67   | 455911   | 29.793 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 490033   | 26.177 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.505  | 113  | 336366   | 16.591 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 320648   | 36.682 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 350288   | 38.608 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 632218   | 32.153 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.734 | 131  | 700024   | 23.910 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 2096360  | 32.972 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 2308211  | 31.768 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.675 | 143  | 63826    | 5.304  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.434 | 176  | 1723139  | 31.655 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 320716   | 30.042 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.292 | 188  | 2950441  | 33.394 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.539 | 212  | 3420374  | 34.817 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.521 | 264  | 2867542  | 34.110 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.270  | 88   | 12478    | 1.654  | ng/uL# | 89       |
| 8) Phenol                     | 6.993  | 94   | 48346    | 1.814  | ng/u1# | 72       |
| 10) Bis(2-Chloroethyl)ether   | 7.211  | 93   | 345365   | 16.145 | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.563  | 108  | 65021    | 2.902  | ng/u1  | 91       |
| 30) Naphthalene               | 10.634 | 128  | 245456   | 3.436  | ng/u1  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.704 | 169  | 132080   | 2.287  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

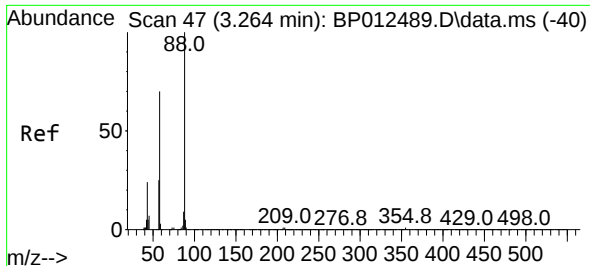
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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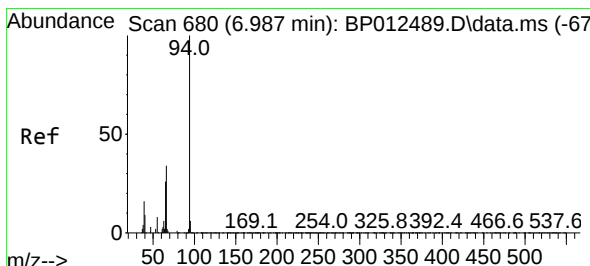
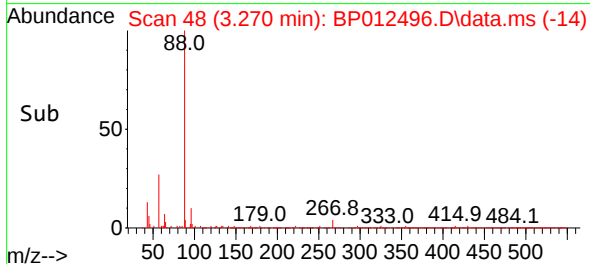
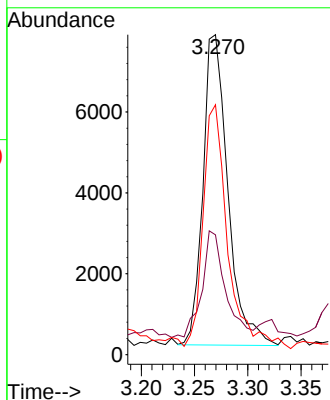
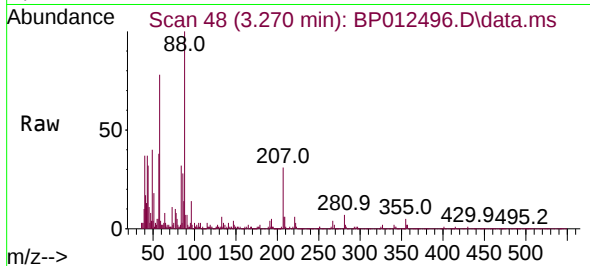




#2  
 1,4-Dioxane  
 Concen: 1.654 ng/uL  
 RT: 3.270 min Scan# 48  
 Delta R.T. 0.000 min  
 Lab File: BP012496.D  
 Acq: 03 Nov 2022 18:58

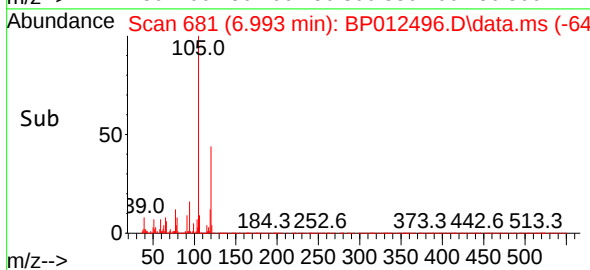
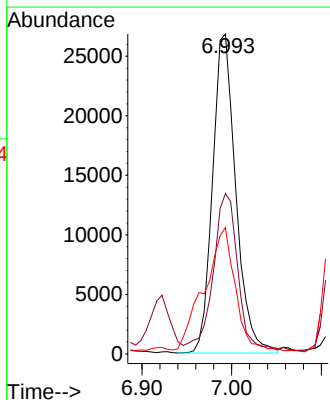
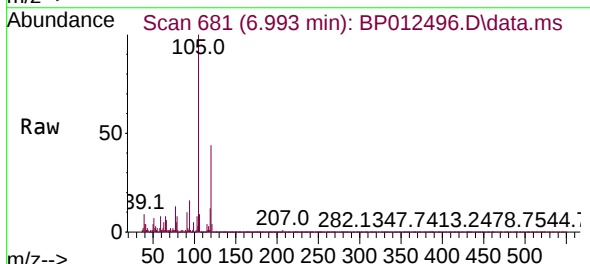
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHAA1

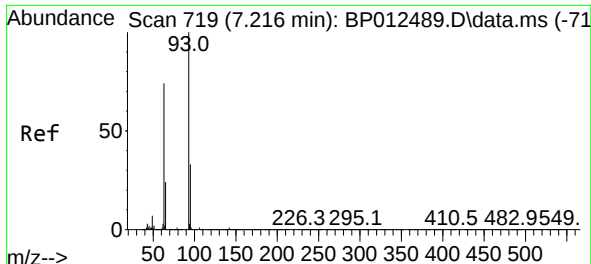
Tgt Ion: 88 Resp: 12478  
 Ion Ratio Lower Upper  
 88 100  
 43 37.4 20.6 31.0#  
 58 78.1 58.0 87.0



#8  
 Phenol  
 Concen: 1.814 ng/uL  
 RT: 6.993 min Scan# 681  
 Delta R.T. 0.000 min  
 Lab File: BP012496.D  
 Acq: 03 Nov 2022 18:58

Tgt Ion: 94 Resp: 48346  
 Ion Ratio Lower Upper  
 94 100  
 65 50.1 20.8 31.2#  
 66 39.4 26.2 39.2#

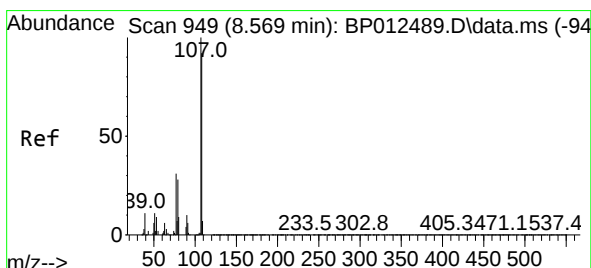
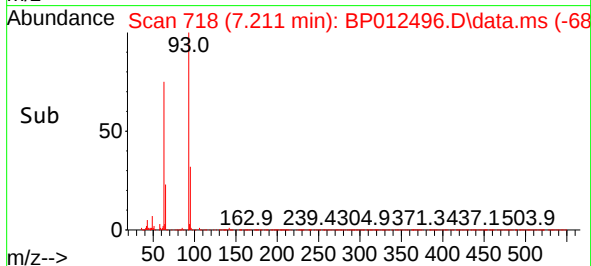
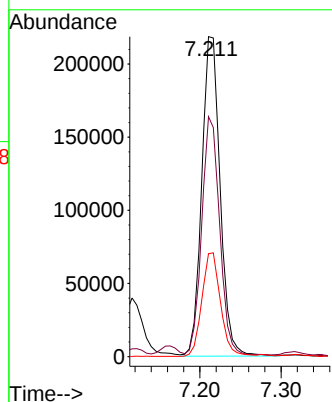
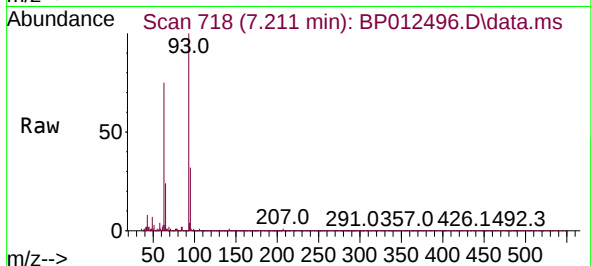




#10  
 Bis(2-Chloroethyl)ether  
 Concen: 16.145 ng/ul  
 RT: 7.211 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BP012496.D  
 Acq: 03 Nov 2022 18:58

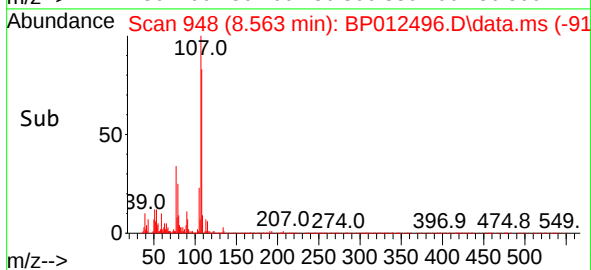
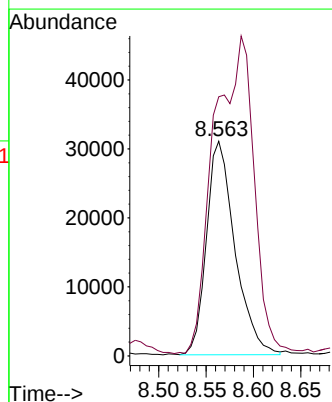
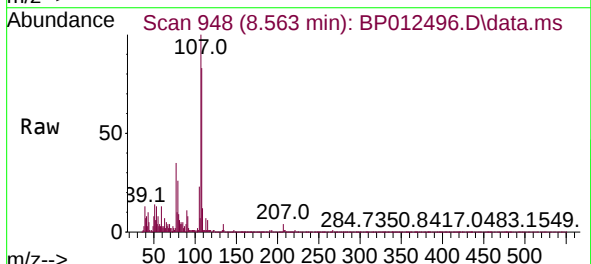
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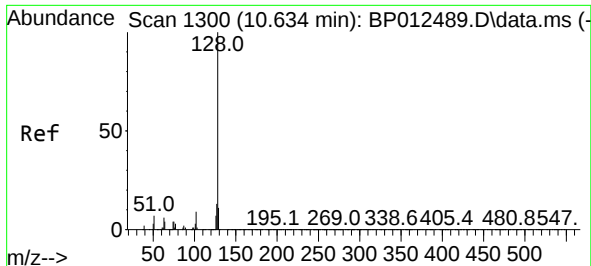
Tgt Ion: 93 Resp: 345365  
 Ion Ratio Lower Upper  
 93 100  
 63 75.0 59.9 89.9  
 95 32.2 25.7 38.5



#18  
 4-Methylphenol  
 Concen: 2.902 ng/ul  
 RT: 8.563 min Scan# 948  
 Delta R.T. -0.005 min  
 Lab File: BP012496.D  
 Acq: 03 Nov 2022 18:58

Tgt Ion: 108 Resp: 65021  
 Ion Ratio Lower Upper  
 108 100  
 107 120.8 89.1 133.7

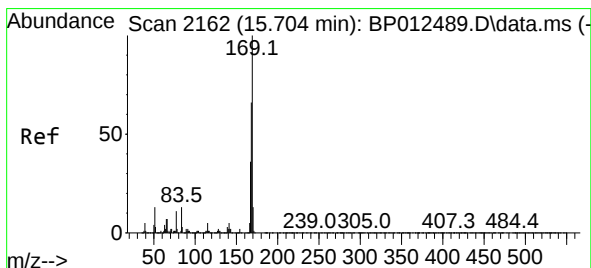
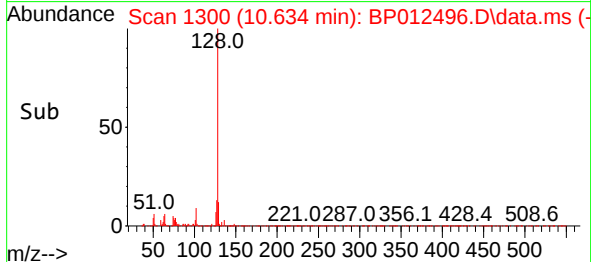
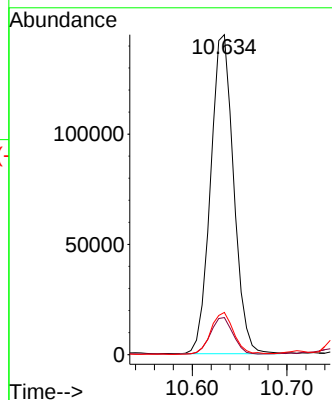
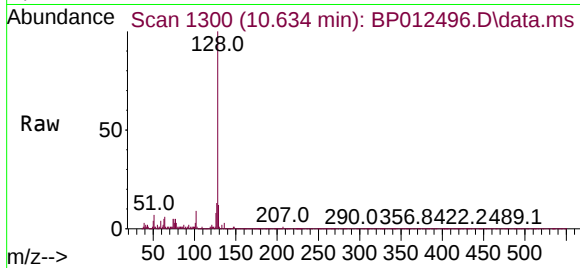




#30  
Naphthalene  
Concen: 3.436 ng/ul  
RT: 10.634 min Scan# 1300  
Delta R.T. -0.005 min  
Lab File: BP012496.D  
Acq: 03 Nov 2022 18:58

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BNA\_P  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 245456 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.6  | 8.9   | 13.3   |
| 127      | 13.2  | 10.5  | 15.7   |



#67  
N-Nitrosodiphenylamine  
Concen: 2.287 ng/ul  
RT: 15.704 min Scan# 2162  
Delta R.T. -0.005 min  
Lab File: BP012496.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 132080 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 67.4  | 52.9  | 79.3   |
| 167      | 37.5  | 29.1  | 43.7   |

