

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103122\  
 Data File : BP012403.D  
 Acq On : 01 Nov 2022 00:42  
 Operator : CG/JU  
 Sample : N5216-16  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHA75

Quant Time: Nov 01 01:52:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 01 01:03:58 2022  
 Response via : Initial Calibration

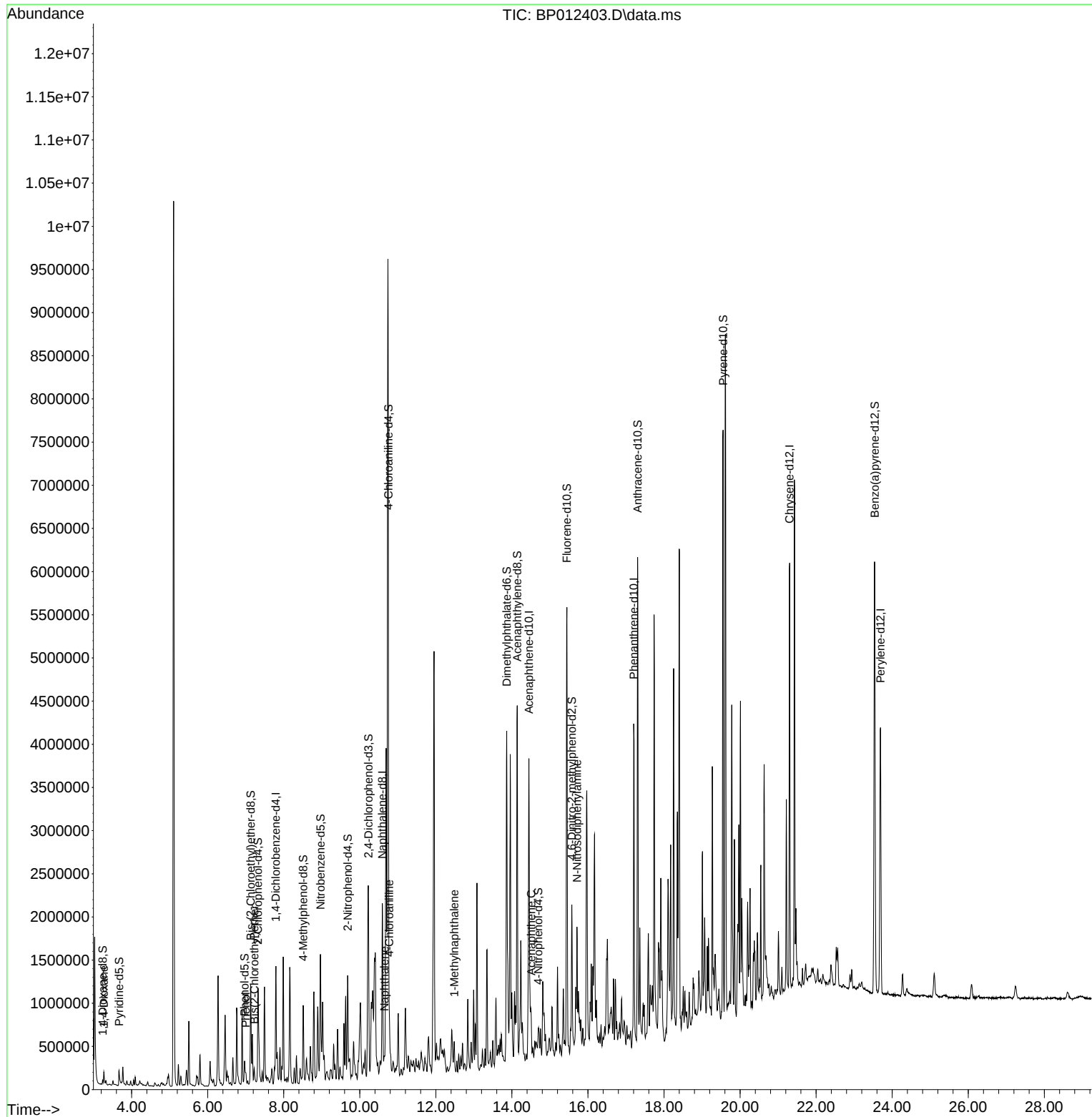
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 371895   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.593 | 136  | 1643597  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 1046540  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 2175467  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.298 | 240  | 2325997  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.692 | 264  | 2416689  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 31872    | 3.451  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 125019   | 4.712  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.969  | 99   | 180977   | 5.426  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 513698   | 25.798 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 541375   | 22.225 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 367341   | 13.924 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 348887   | 32.734 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 364588   | 32.957 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.228 | 165  | 700991   | 29.239 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.752 | 131  | 583553   | 16.347 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.863 | 166  | 2370504  | 33.089 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.140 | 160  | 2618951  | 31.989 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.692 | 143  | 86446    | 6.376  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.445 | 176  | 1990192  | 32.447 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 327027   | 28.873 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.304 | 188  | 3145931  | 33.562 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.551 | 212  | 3653096  | 31.282 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.539 | 264  | 3911947  | 33.129 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.270  | 88   | 78800    | 8.025  | ng/uL  | 96       |
| 8) Phenol                     | 6.999  | 94   | 38221    | 1.102  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 79067    | 2.841  | ng/u1  | 96       |
| 30) Naphthalene               | 10.646 | 128  | 126691   | 1.454  | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.769 | 127  | 119814   | 3.262  | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.481 | 142  | 138679   | 2.325  | ng/u1  | 98       |
| 52) Acenaphthene              | 14.510 | 153  | 99009    | 1.534  | ng/u1  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.710 | 169  | 510164   | 8.326  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

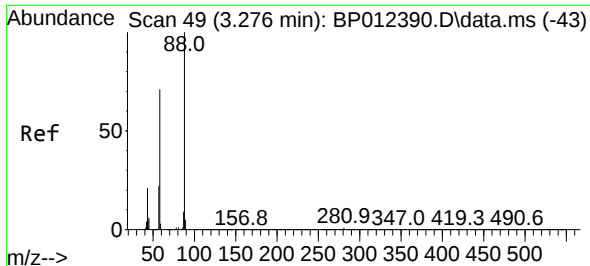
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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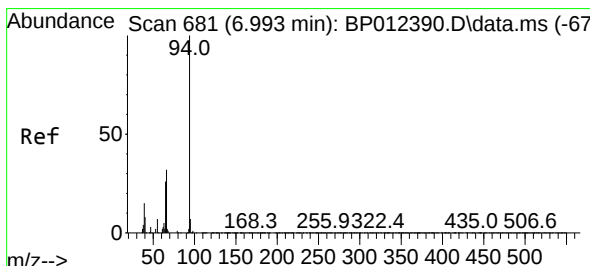
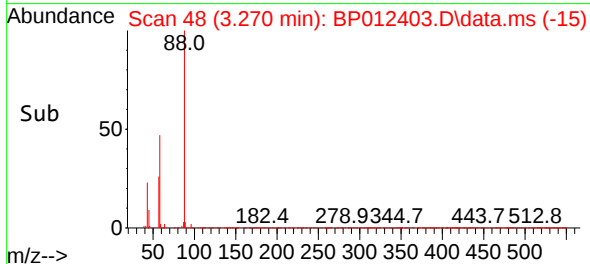
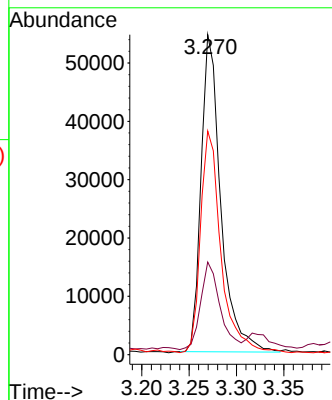
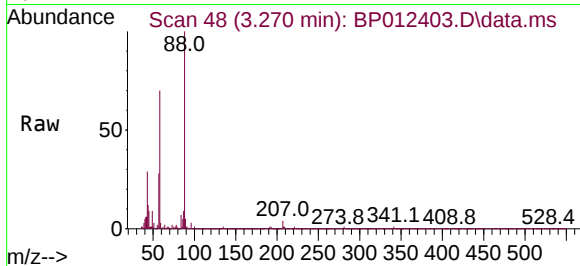




#2  
1,4-Dioxane  
Concen: 8.025 ng/uL  
RT: 3.270 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: BP012403.D  
Acq: 01 Nov 2022 00:42

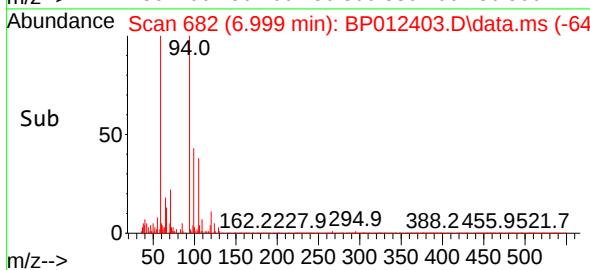
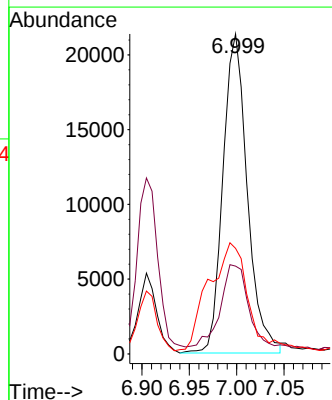
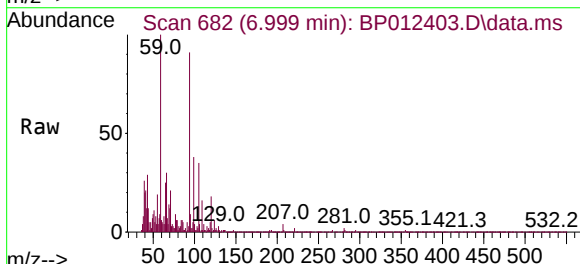
Instrument :  
BNA\_P  
ClientSampleId :  
BHA75

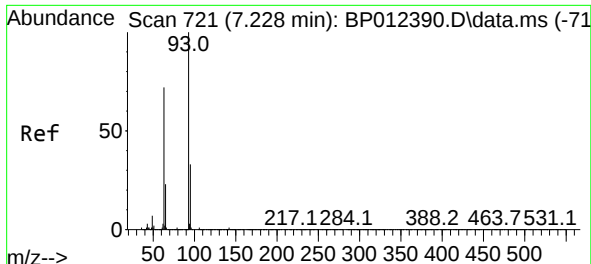
Tgt Ion: 88 Resp: 78800  
Ion Ratio Lower Upper  
88 100  
43 28.9 20.6 31.0  
58 69.9 58.0 87.0



#8  
Phenol  
Concen: 1.102 ng/uL  
RT: 6.999 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BP012403.D  
Acq: 01 Nov 2022 00:42

Tgt Ion: 94 Resp: 38221  
Ion Ratio Lower Upper  
94 100  
65 27.4 20.8 31.2  
66 33.0 26.2 39.2

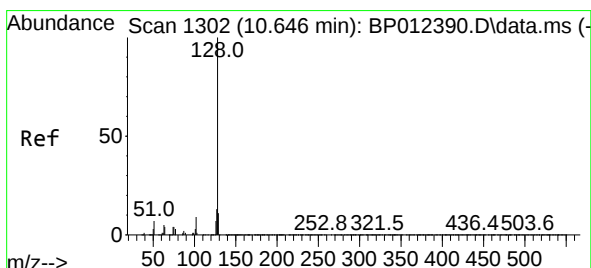
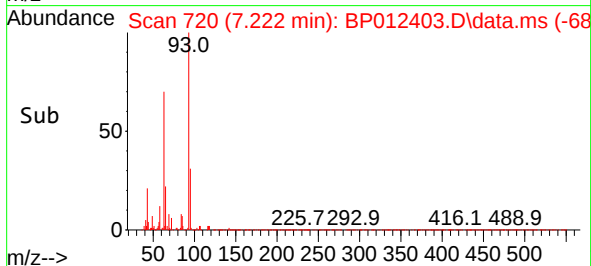
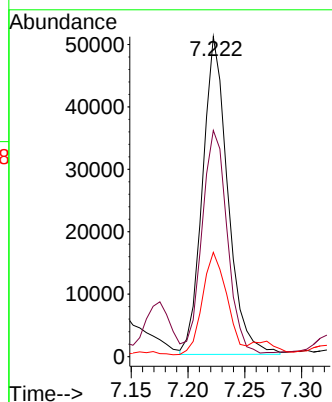
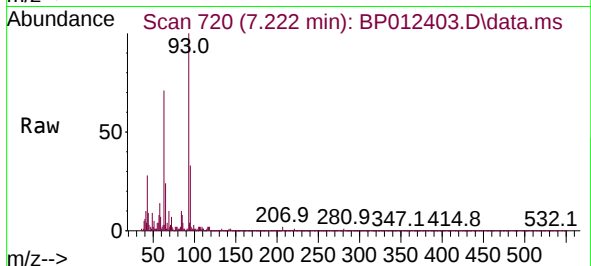




#10  
 Bis(2-Chloroethyl)ether  
 Concen: 2.841 ng/ul  
 RT: 7.222 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BP012403.D  
 Acq: 01 Nov 2022 00:42

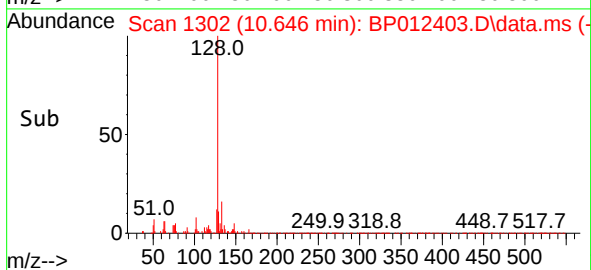
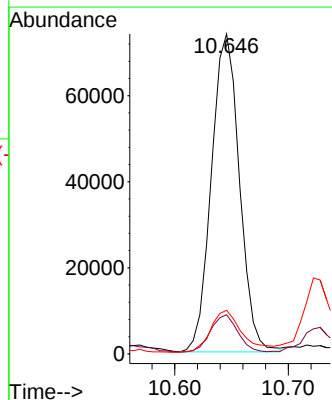
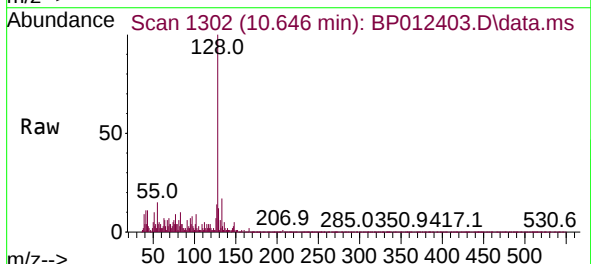
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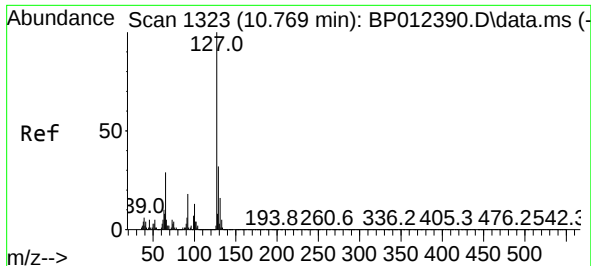
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 79067       |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 63          | 70.7  | 59.9 89.9   |
| 95          | 32.6  | 25.7 38.5   |



#30  
 Naphthalene  
 Concen: 1.454 ng/ul  
 RT: 10.646 min Scan# 1302  
 Delta R.T. -0.000 min  
 Lab File: BP012403.D  
 Acq: 01 Nov 2022 00:42

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 128 | Resp: | 126691      |
| Ion          | Ratio | Lower Upper |
| 128          | 100   |             |
| 129          | 12.2  | 8.9 13.3    |
| 127          | 13.6  | 10.5 15.7   |

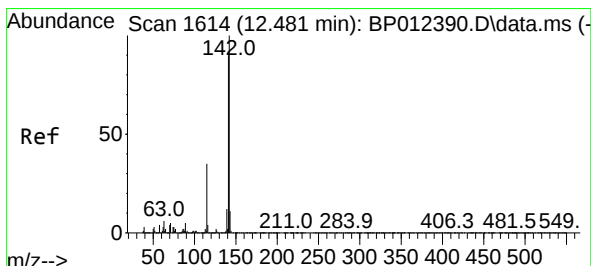
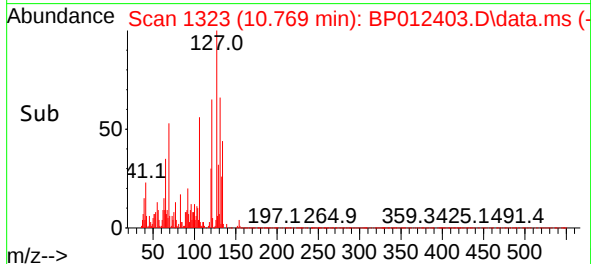
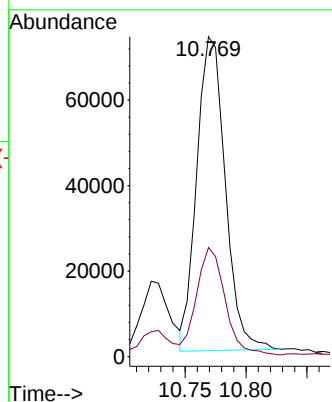
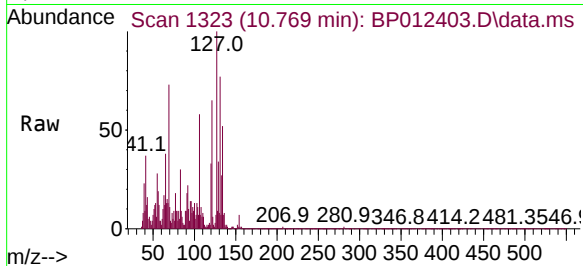




#32  
4-Chloroaniline  
Concen: 3.262 ng/ul  
RT: 10.769 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BP012403.D  
Acq: 01 Nov 2022 00:42

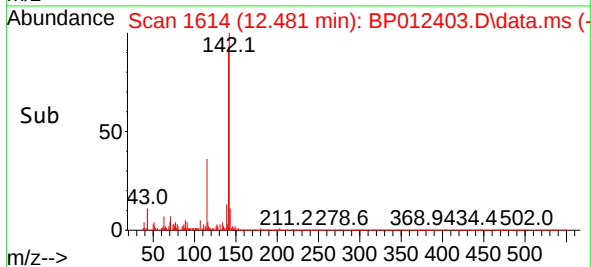
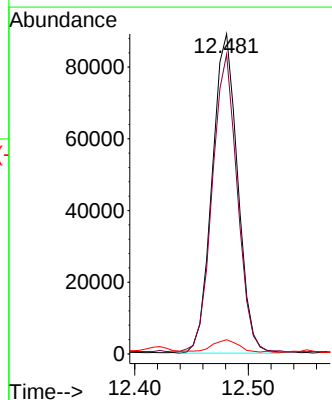
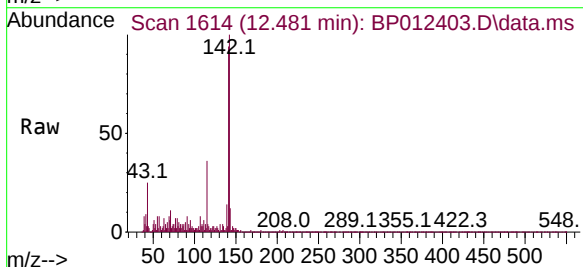
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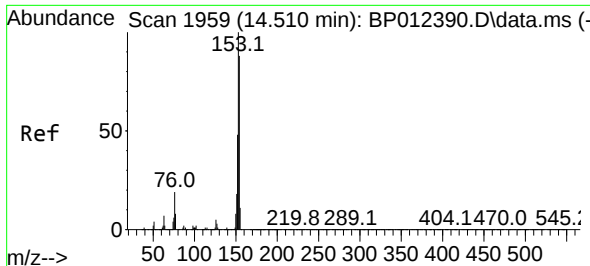
Tgt Ion:127 Resp: 119814  
Ion Ratio Lower Upper  
127 100  
129 34.1 26.0 39.0



#37  
1-Methylnaphthalene  
Concen: 2.325 ng/ul  
RT: 12.481 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: BP012403.D  
Acq: 01 Nov 2022 00:42

Tgt Ion:142 Resp: 138679  
Ion Ratio Lower Upper  
142 100  
141 93.6 73.1 109.7  
116 4.4 3.0 4.6

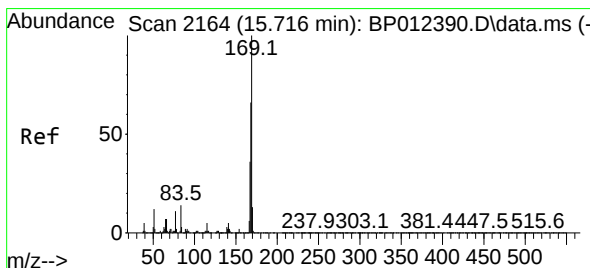
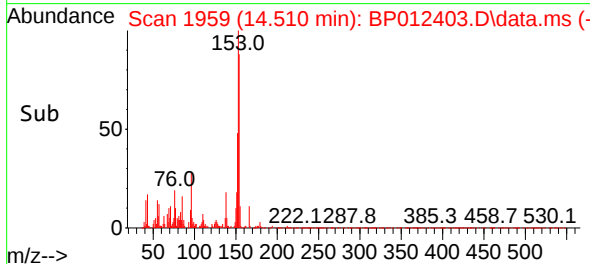
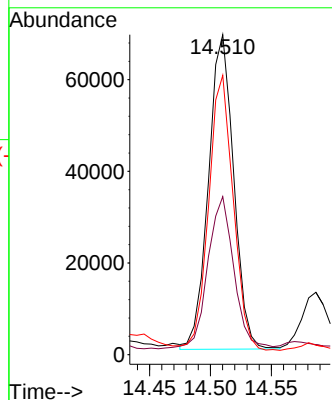
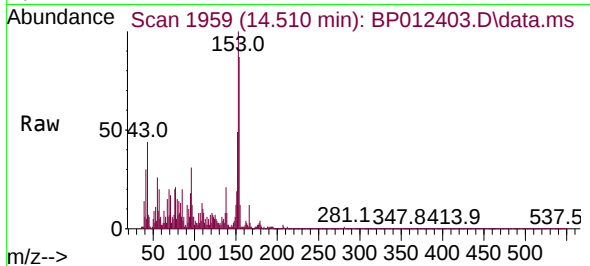




#52  
Acenaphthene  
Concen: 1.534 ng/ul  
RT: 14.510 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BP012403.D  
Acq: 01 Nov 2022 00:42

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BHA75

Tgt Ion:153 Resp: 99009  
Ion Ratio Lower Upper  
153 100  
152 49.4 38.6 58.0  
154 87.3 71.6 107.4



#67  
N-Nitrosodiphenylamine  
Concen: 8.326 ng/ul  
RT: 15.710 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP012403.D  
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Tgt Ion:169 Resp: 510164  
Ion Ratio Lower Upper  
169 100  
168 65.0 52.9 79.3  
167 36.1 29.1 43.7

