

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014402.D  
 Acq On : 30 Mar 2023 15:19  
 Operator : CG/JU  
 Sample : 02059-01DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0QG0DL

Quant Time: Mar 30 22:40:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 30 12:32:14 2023  
 Response via : Initial Calibration

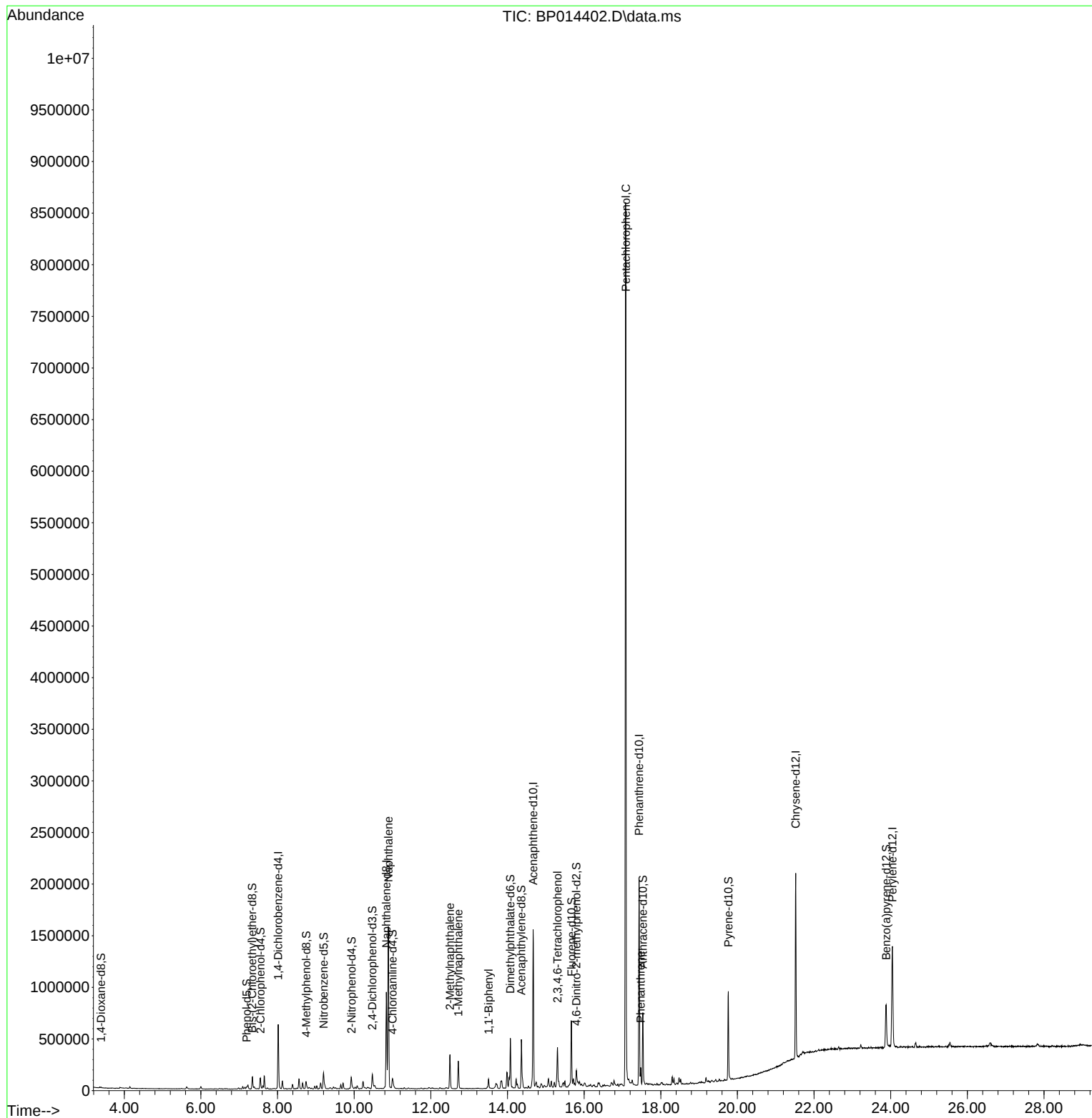
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 159791   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.840 | 136  | 713859   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.669 | 164  | 492856   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.433 | 188  | 1093899  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.521 | 240  | 862588   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.045 | 264  | 782269   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.393  | 96   | 4286     | 1.040   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/u1  |          |
| 7) Phenol-d5                  | 7.193  | 99   | 16441    | 1.116   | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.340  | 67   | 57550    | 6.087   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.552  | 132  | 47954    | 4.502   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.746  | 113  | 32162    | 2.706   | ng/u1  | 0.01     |
| 21) Nitrobenzene-d5           | 9.199  | 128  | 31024    | 5.383   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.928  | 143  | 32531    | 4.930   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.475 | 165  | 56185    | 4.675   | ng/u1  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.999 | 131  | 51572    | 3.258   | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 14.075 | 166  | 289669   | 7.249   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.363 | 160  | 287302   | 6.479   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 60) Fluorene-d10              | 15.669 | 176  | 242336   | 7.272   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 36242    | 4.503   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.533 | 188  | 385900   | 7.289   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.763 | 212  | 434913   | 7.506   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.880 | 264  | 297384   | 7.155   | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.893 | 128  | 1182258  | 29.733  | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.498 | 142  | 148317   | 5.504   | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.716 | 142  | 118007   | 4.416   | ng/u1  | 98       |
| 43) 1,1'-Biphenyl             | 13.504 | 154  | 46798    | 1.175   | ng/u1  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.304 | 232  | 78782    | 7.572   | ng/u1  | 98       |
| 71) Pentachlorophenol         | 17.086 | 266  | 1540609  | 170.082 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.475 | 178  | 92841    | 1.526   | ng/u1  | 98       |
| -----                         |        |      |          |         |        |          |

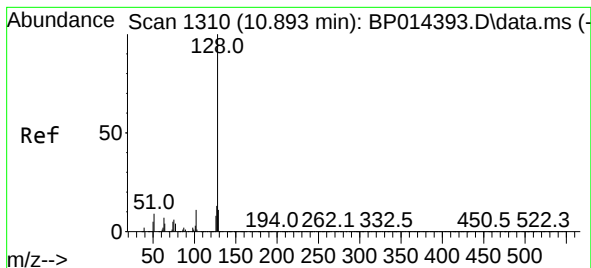
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 29.733 ng/ul

RT: 10.893 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BP014402.D

Acq: 30 Mar 2023 15:19

Instrument :

BNA\_P

ClientSampleId :

C0QG0DL

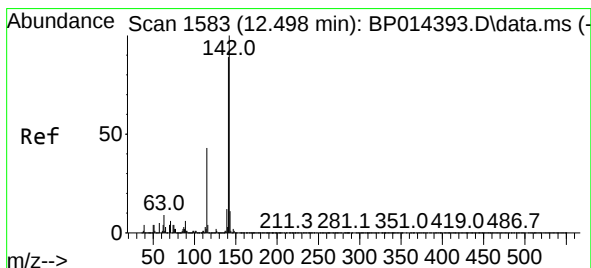
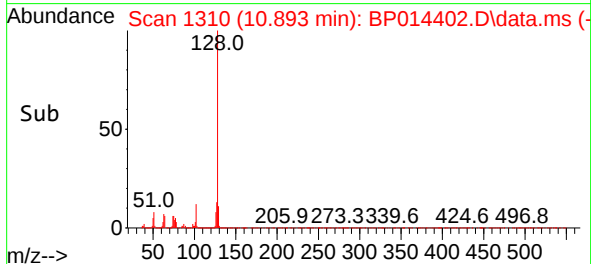
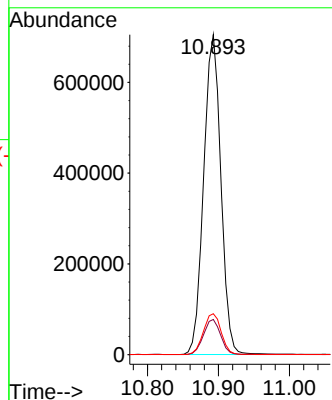
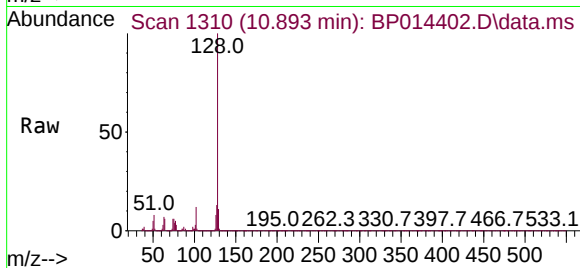
Tgt Ion:128 Resp: 1182258

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.8 11.0 16.6



#36

2-Methylnaphthalene

Concen: 5.504 ng/ul

RT: 12.498 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BP014402.D

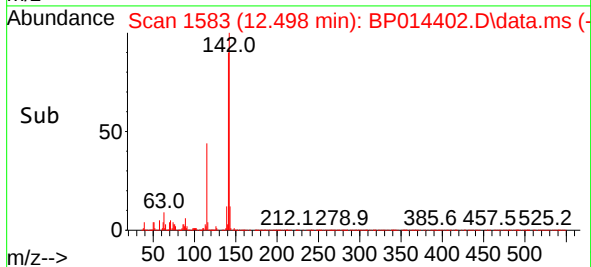
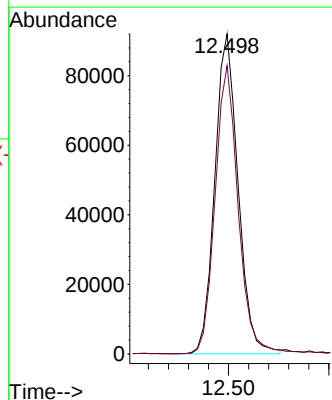
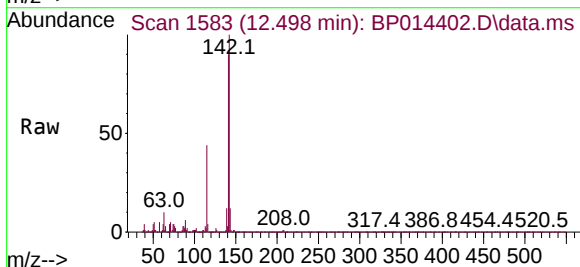
Acq: 30 Mar 2023 15:19

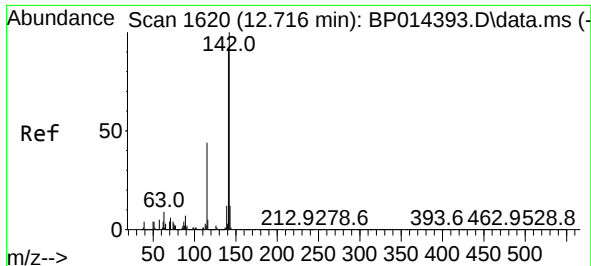
Tgt Ion:142 Resp: 148317

Ion Ratio Lower Upper

142 100

141 90.0 71.6 107.4

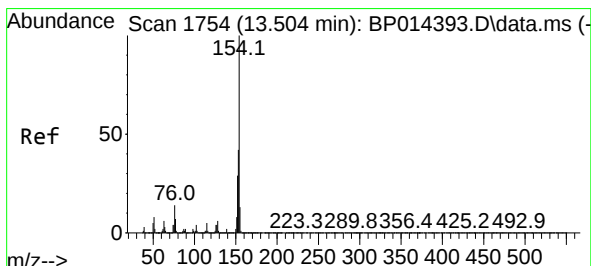
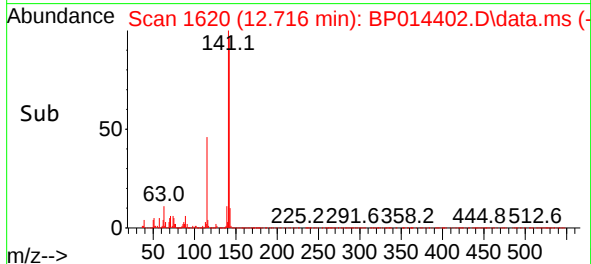
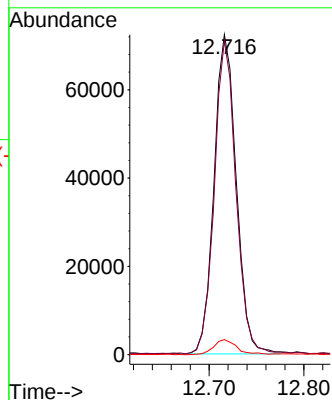
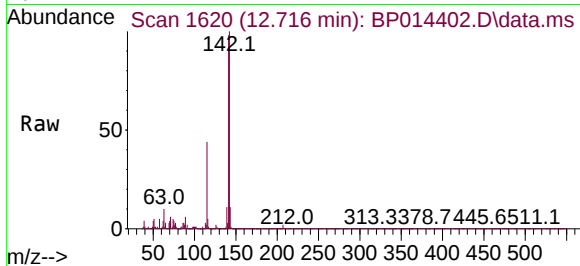




#37  
1-Methylnaphthalene  
Concen: 4.416 ng/ul  
RT: 12.716 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: BP014402.D  
Acq: 30 Mar 2023 15:19

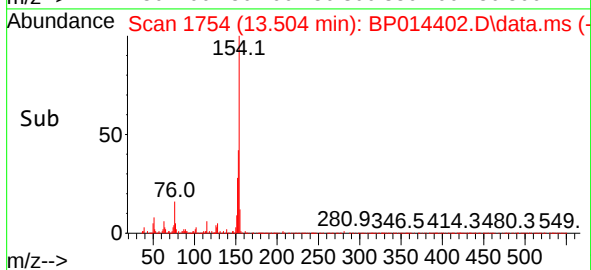
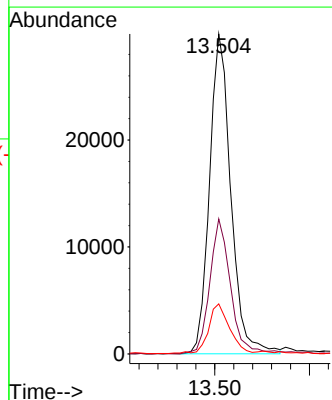
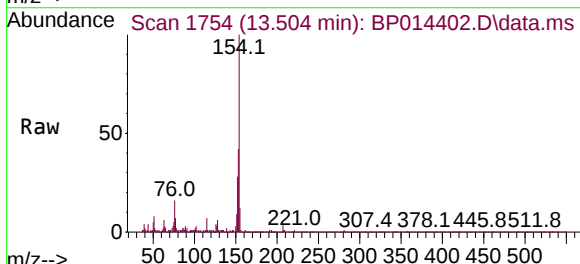
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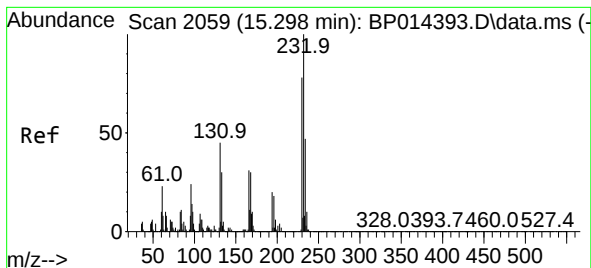
Tgt Ion:142 Resp: 118007  
Ion Ratio Lower Upper  
142 100  
141 98.0 76.6 114.8  
116 4.7 3.6 5.4



#43  
1,1'-Biphenyl  
Concen: 1.175 ng/ul  
RT: 13.504 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: BP014402.D  
Acq: 30 Mar 2023 15:19

Tgt Ion:154 Resp: 46798  
Ion Ratio Lower Upper  
154 100  
153 42.2 32.4 48.6  
76 15.6 10.7 16.1

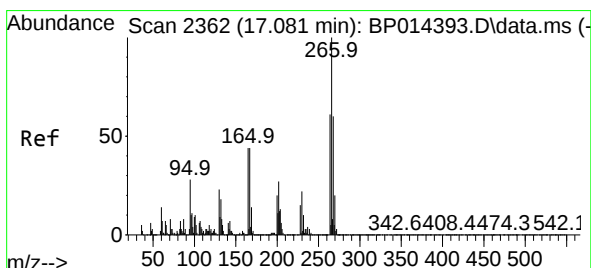
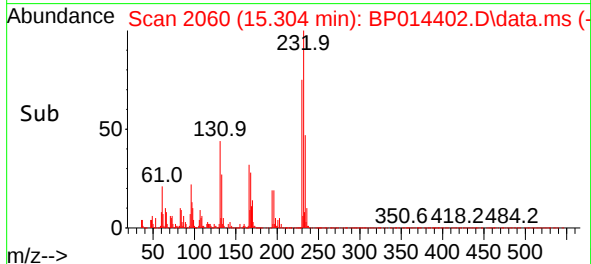
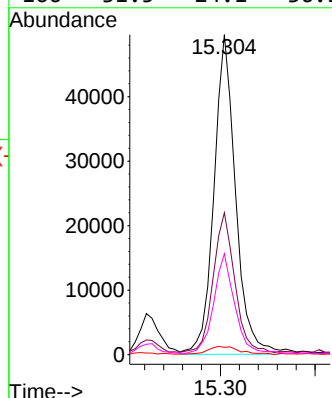
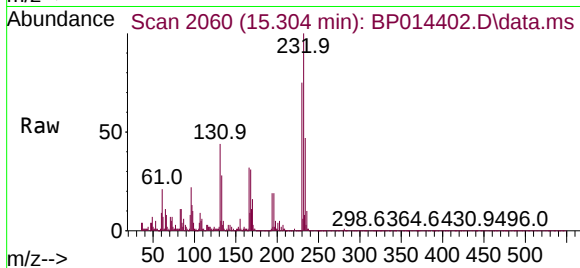




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 7.572 ng/ul  
RT: 15.304 min Scan# 2059  
Delta R.T. 0.006 min  
Lab File: BP014402.D  
Acq: 30 Mar 2023 15:19

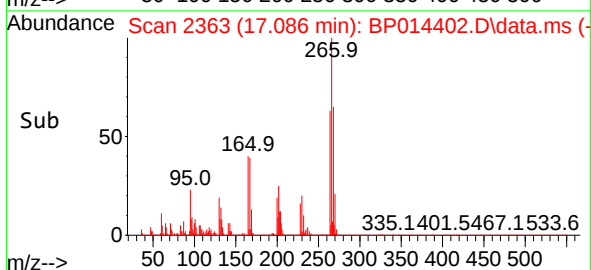
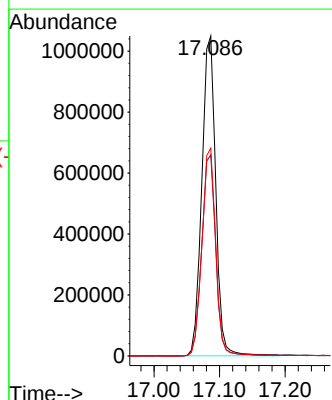
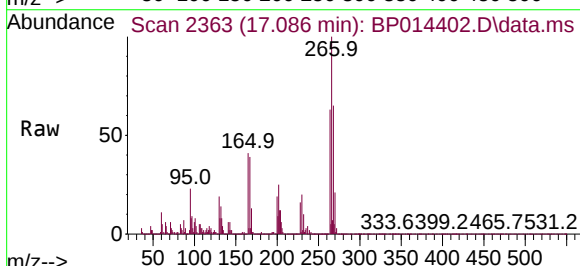
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG0DL

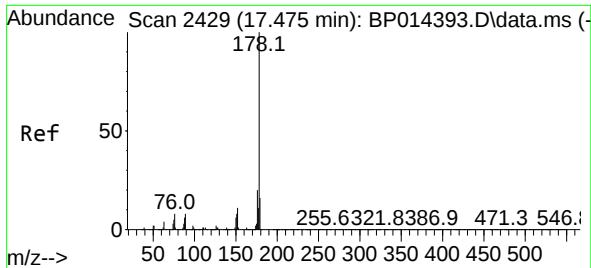
Tgt Ion:232 Resp: 78782  
Ion Ratio Lower Upper  
232 100  
131 44.3 35.0 52.4  
130 2.3 1.9 2.9  
166 31.5 24.1 36.1



#71  
Pentachlorophenol  
Concen: 170.082 ng/ul  
RT: 17.086 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP014402.D  
Acq: 30 Mar 2023 15:19

Tgt Ion:266 Resp: 1540609  
Ion Ratio Lower Upper  
266 100  
264 62.8 51.0 76.4  
268 64.9 51.4 77.2





#72  
 Phenanthrene  
 Concen: 1.526 ng/ul  
 RT: 17.475 min Scan# 24  
 Delta R.T. -0.000 min  
 Lab File: BP014402.D  
 Acq: 30 Mar 2023 15:19

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0QG0DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 92841 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 17.0  | 12.2  | 18.4  |
| 176      | 19.4  | 15.3  | 22.9  |

