

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
 Data File : BM047008.D  
 Acq On : 06 Aug 2024 02:06  
 Operator : RC/JU  
 Sample : P3171-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX5

Quant Time: Aug 06 02:54:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 03 02:51:11 2024  
 Response via : Initial Calibration

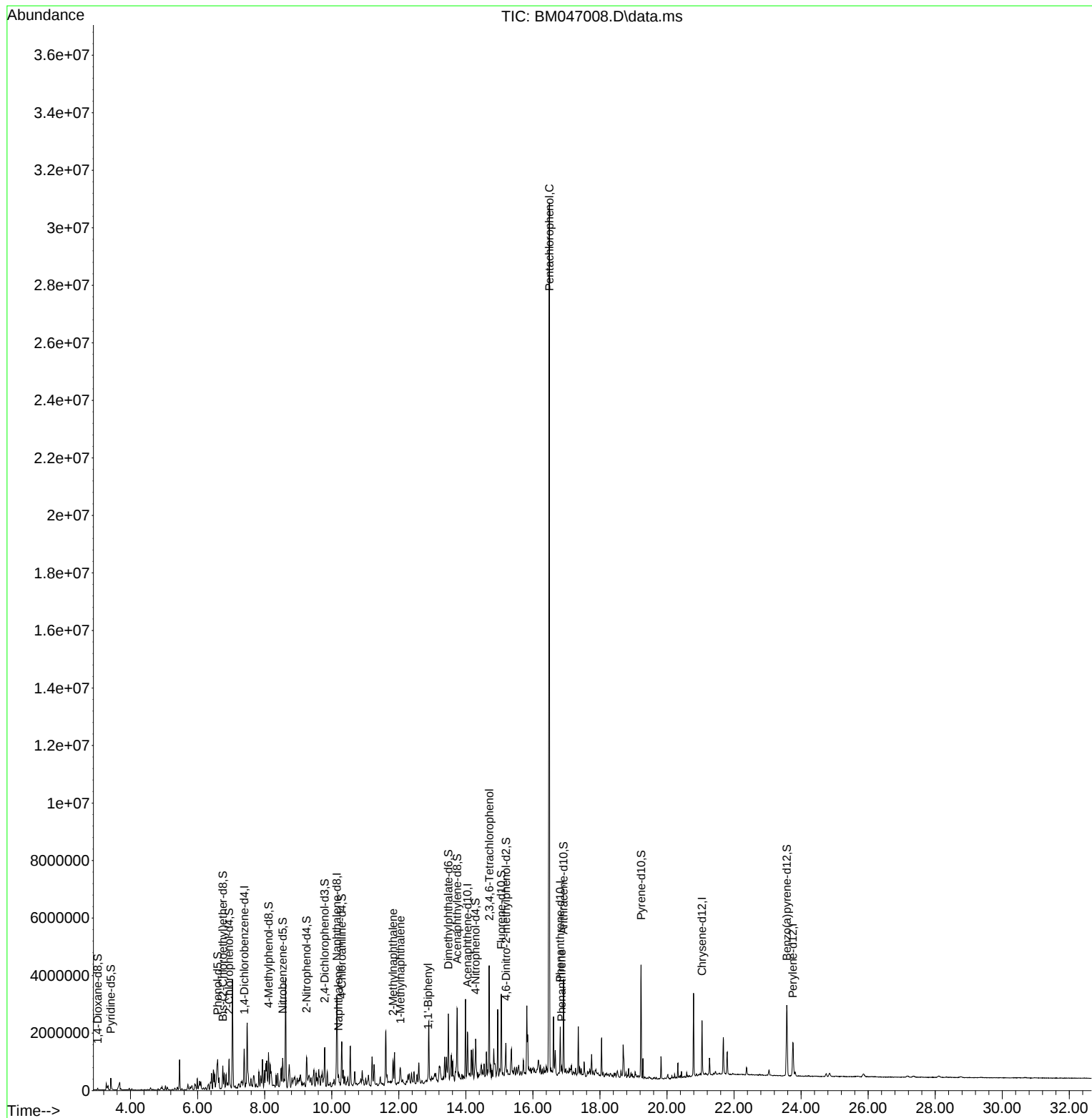
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.398  | 152  | 178857   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.151 | 136  | 681866   | 20.000  | ng/u1  | #-0.01   |
| 38) Acenaphthene-d10          | 14.051 | 164  | 469587   | 20.000  | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 16.815 | 188  | 941219   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.045 | 240  | 896009   | 20.000  | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.756 | 264  | 1013995  | 20.000  | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.022  | 96   | 26939    | 5.967   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.410  | 84   | 217412   | 17.655  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.598  | 99   | 496145   | 36.517  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.751  | 67   | 342419   | 38.303  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.940  | 132  | 412128   | 35.809  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.116  | 113  | 416845   | 38.729  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.539  | 128  | 208496   | 38.105  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.251  | 143  | 242105   | 40.518  | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 9.792  | 165  | 441104   | 38.450  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.304 | 131  | 561105   | 37.215  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.480 | 166  | 1364196  | 37.994  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.739 | 160  | 1561080  | 38.951  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.292 | 143  | 230166   | 33.154  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.057 | 176  | 1150909  | 37.471  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.198 | 200  | 210014   | 35.317  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 16.915 | 188  | 1765482  | 39.567  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.227 | 212  | 2043634  | 39.843  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.574 | 264  | 2126453  | 39.826  | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.204 | 128  | 204028   | 5.651   | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 11.828 | 142  | 348347   | 13.819  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.051 | 142  | 210395   | 8.245   | ng/u1  | 100      |
| 43) 1,1'-Biphenyl             | 12.874 | 154  | 46595    | 1.326   | ng/u1  | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.698 | 232  | 643048   | 69.502  | ng/u1  | 93       |
| 71) Pentachlorophenol         | 16.492 | 266  | 6431367  | 791.872 | ng/u1  | 98       |
| 72) Phenanthrene              | 16.857 | 178  | 124299   | 2.356   | ng/u1# | 96       |
| -----                         |        |      |          |         |        |          |

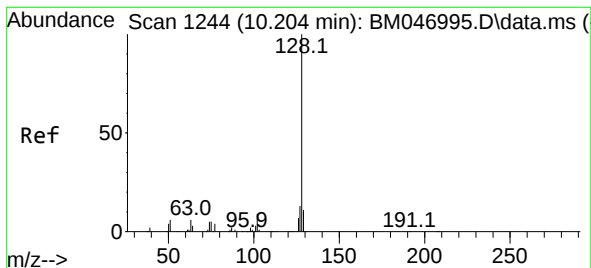
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Time: Aug 06 02:54:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Aug 03 02:51:11 2024  
Response via : Initial Calibration

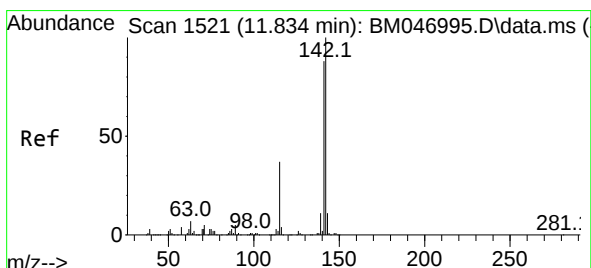
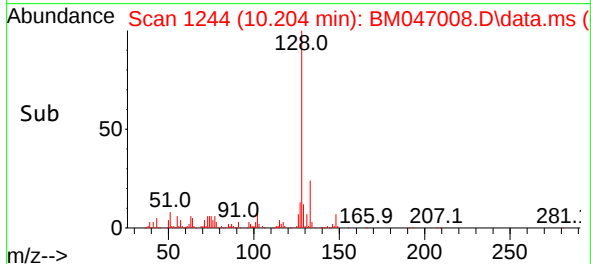
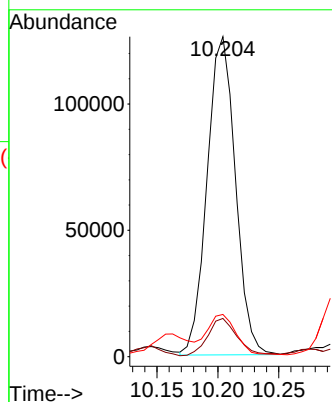
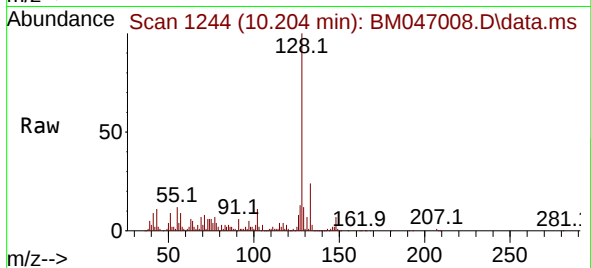




#30  
Naphthalene  
Concen: 5.651 ng/ul  
RT: 10.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM047008.D  
Acq: 06 Aug 2024 02:06

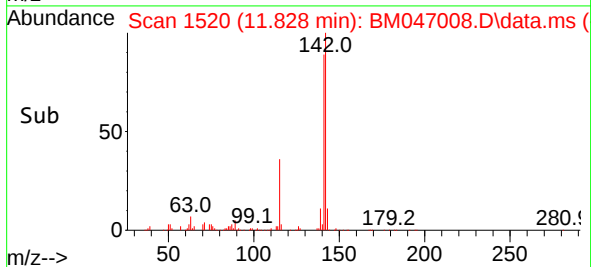
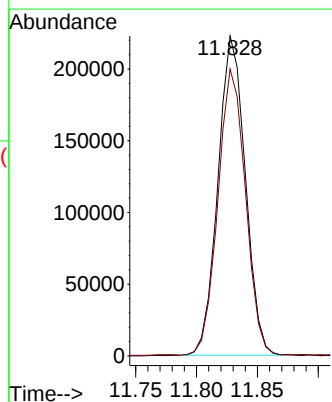
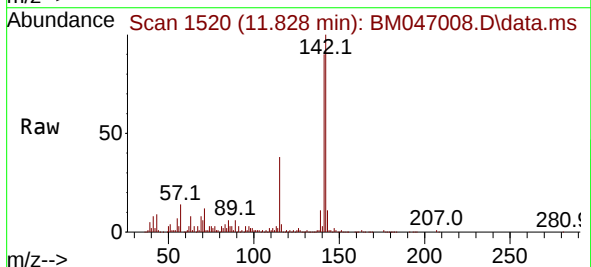
Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

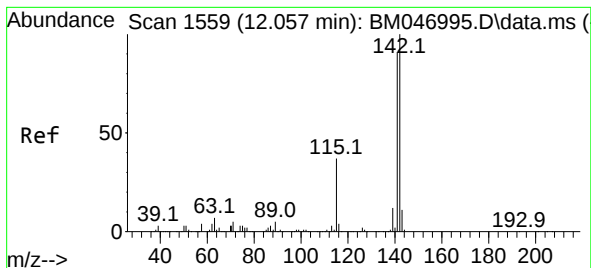
Tgt Ion:128 Resp: 204028  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.6 13.0  
127 13.2 10.4 15.6



#36  
2-Methylnaphthalene  
Concen: 13.819 ng/ul  
RT: 11.828 min Scan# 1520  
Delta R.T. -0.012 min  
Lab File: BM047008.D  
Acq: 06 Aug 2024 02:06

Tgt Ion:142 Resp: 348347  
Ion Ratio Lower Upper  
142 100  
141 89.7 69.9 104.9





#37

1-Methylnaphthalene

Concen: 8.245 ng/ul

RT: 12.051 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047008.D

Acq: 06 Aug 2024 02:06

Instrument :

BNA\_M

ClientSampleId :

DCVX5

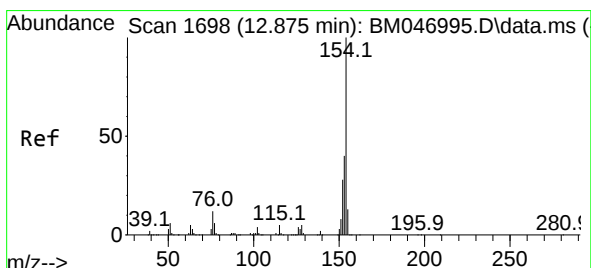
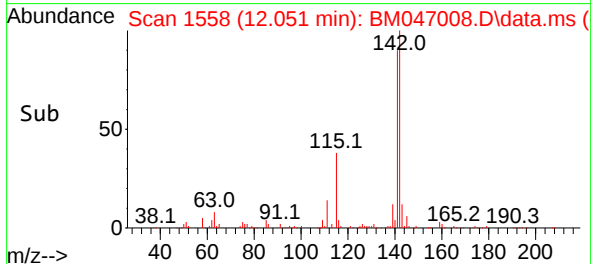
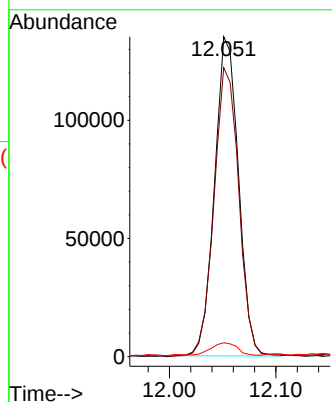
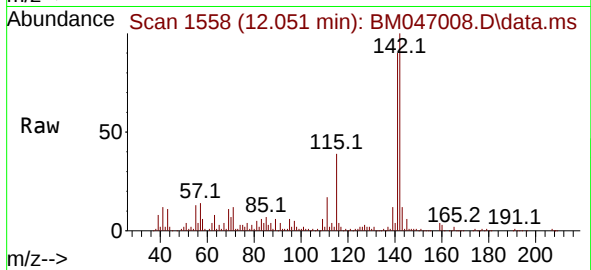
Tgt Ion:142 Resp: 210395

Ion Ratio Lower Upper

142 100

141 90.3 72.0 108.0

116 4.4 3.6 5.4



#43

1,1'-Biphenyl

Concen: 1.326 ng/ul

RT: 12.874 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BM047008.D

Acq: 06 Aug 2024 02:06

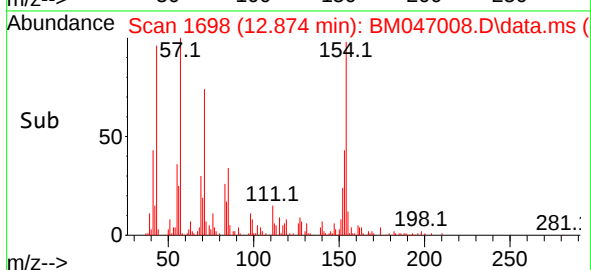
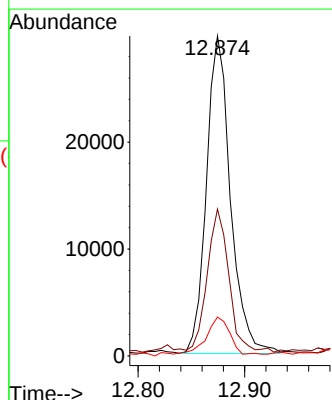
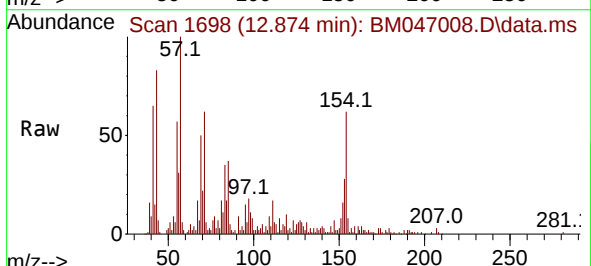
Tgt Ion:154 Resp: 46595

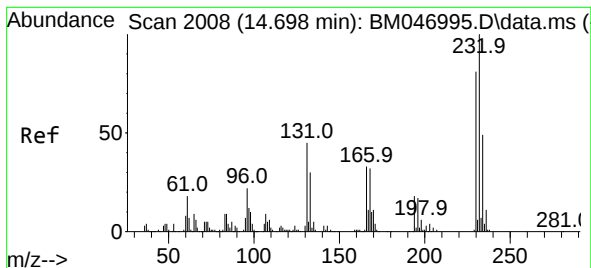
Ion Ratio Lower Upper

154 100

153 45.9 30.7 46.1

76 12.2 9.3 13.9



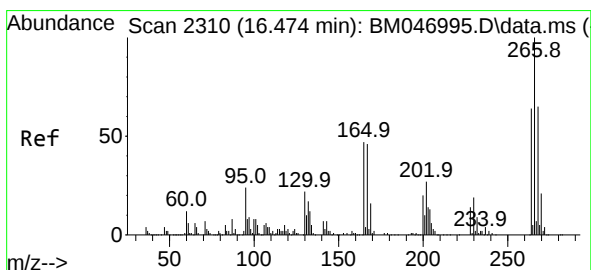
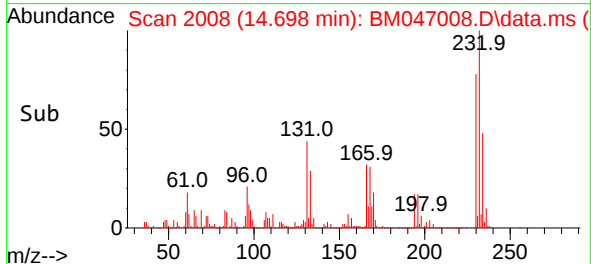
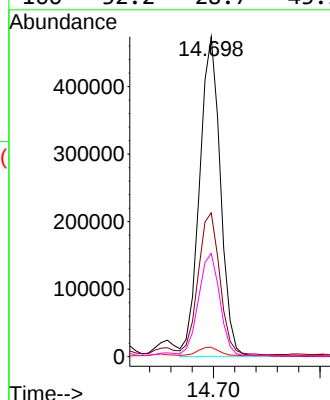
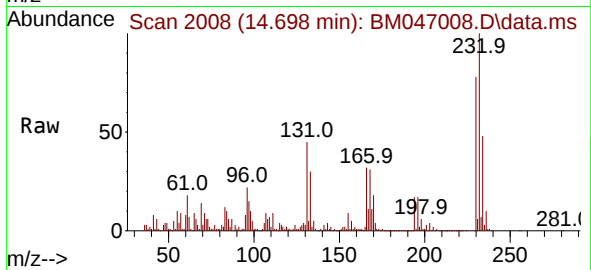


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 69.502 ng/ul  
RT: 14.698 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: BM047008.D  
Acq: 06 Aug 2024 02:06

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Tgt Ion:232 Resp: 643048

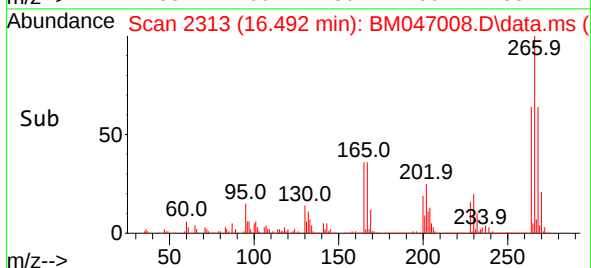
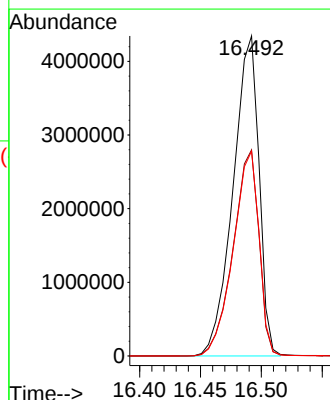
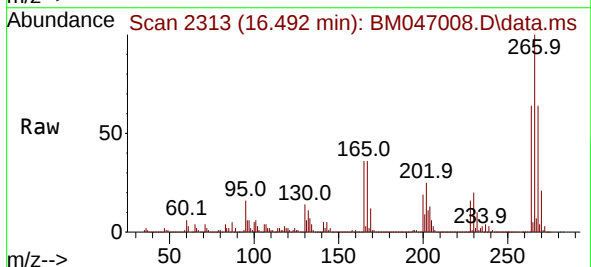
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 45.0  | 40.8  | 61.2  |
| 130 | 3.0   | 2.6   | 3.8   |
| 166 | 32.2  | 28.7  | 43.1  |

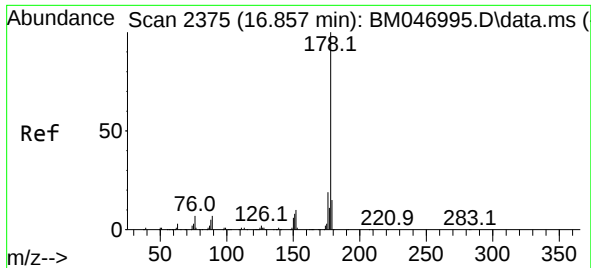


#71  
Pentachlorophenol  
Concen: 791.872 ng/ul  
RT: 16.492 min Scan# 2313  
Delta R.T. 0.012 min  
Lab File: BM047008.D  
Acq: 06 Aug 2024 02:06

Tgt Ion:266 Resp: 6431367

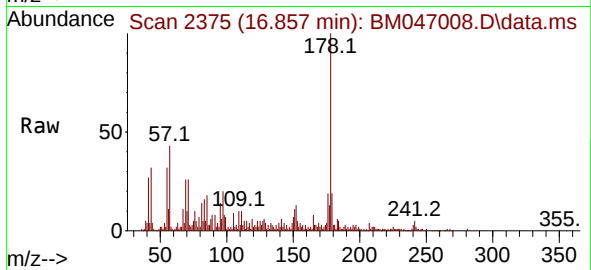
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 64.4  | 50.7  | 76.1  |
| 268 | 64.0  | 53.0  | 79.6  |





#72  
 Phenanthrene  
 Concen: 2.356 ng/ul  
 RT: 16.857 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047008.D  
 Acq: 06 Aug 2024 02:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX5



Tgt Ion:178 Resp: 124299  
 Ion Ratio Lower Upper  
 178 100  
 179 19.2 12.3 18.5#  
 176 19.2 15.3 22.9

