

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091224\  
 Data File : BM047500.D  
 Acq On : 12 Sep 2024 12:30  
 Operator : RC/JU  
 Sample : P3878-03DL2 30X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC47DL2

Quant Time: Sep 13 00:30:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 11 00:35:12 2024  
 Response via : Initial Calibration

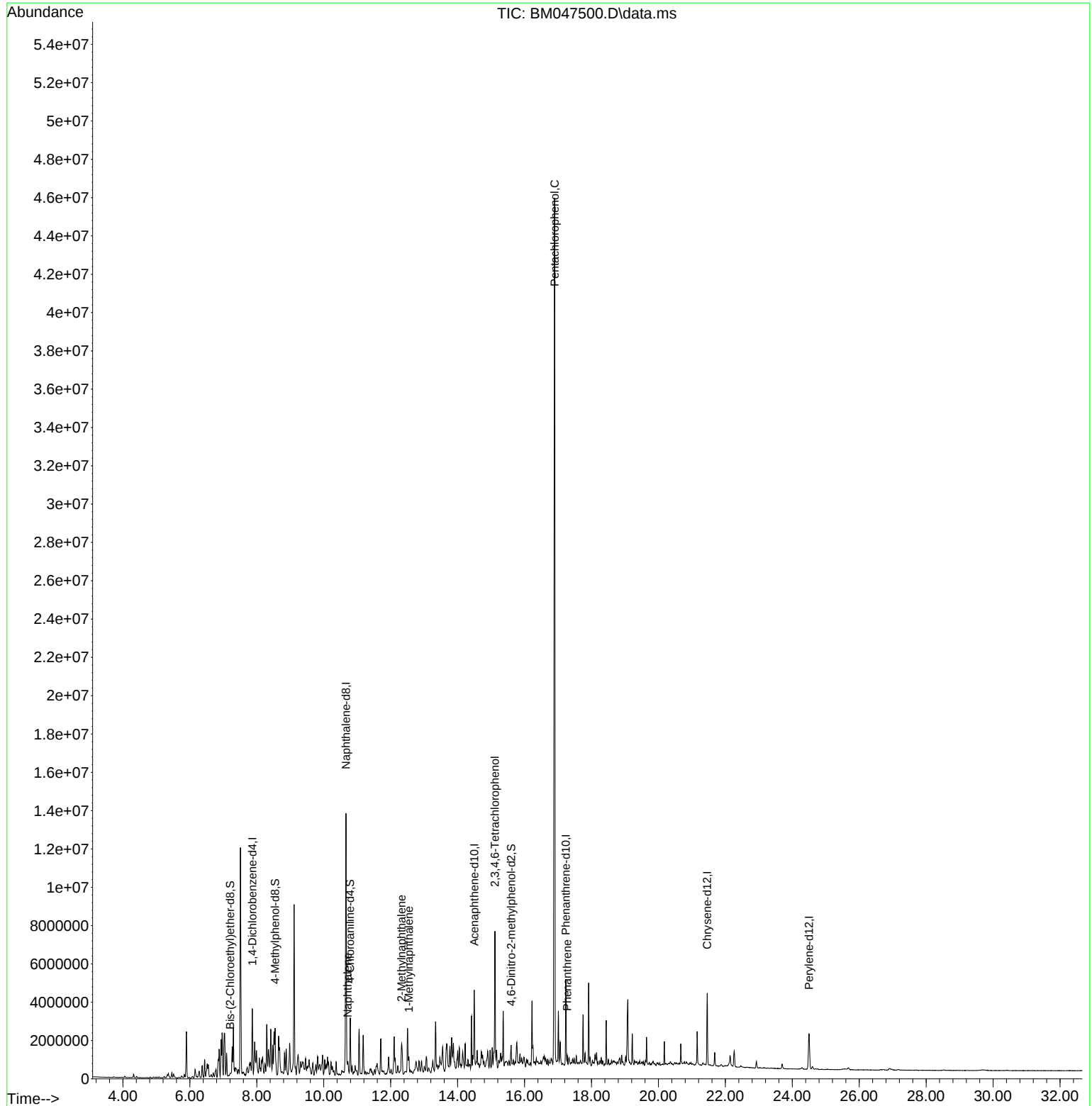
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.869  | 152  | 453001   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.663 | 136  | 2201562  | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.498 | 164  | 1310694  | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.233 | 188  | 2482915  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.456 | 240  | 1827229  | 20.000  | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.497 | 264  | 1694270  | 20.000  | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.304  | 96   | 1631     | 0.145   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 24344    | 0.678   | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 7.022  | 99   | 25912    | 0.610   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.198  | 67   | 30630    | 1.159   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.398  | 132  | 19462    | 0.602   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.545  | 113  | 65910    | 1.975   | ng/u1  | -0.02    |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 9716     | 0.571   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.739  | 143  | 8209     | 0.511   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.280 | 165  | 16568    | 0.507   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.786 | 131  | 67124    | 1.256   | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 66647    | 0.692   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.186 | 160  | 79872    | 0.687   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 60) Fluorene-d10              | 15.486 | 176  | 64839    | 0.779   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200  | 21707    | 1.654   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.327 | 188  | 88423    | 0.740   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.609 | 212  | 95656    | 0.898   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.285 | 264  | 58571    | 0.651   | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.716 | 128  | 285376   | 2.353   | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.321 | 142  | 593627   | 7.120   | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.545 | 142  | 346588   | 4.114   | ng/u1  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.115 | 232  | 1021511  | 51.154  | ng/u1  | 98       |
| 71) Pentachlorophenol         | 16.898 | 266  | 9616802  | 520.629 | ng/u1  | 98       |
| 72) Phenanthrene              | 17.274 | 178  | 270022   | 1.906   | ng/u1  | 97       |
| -----                         |        |      |          |         |        |          |

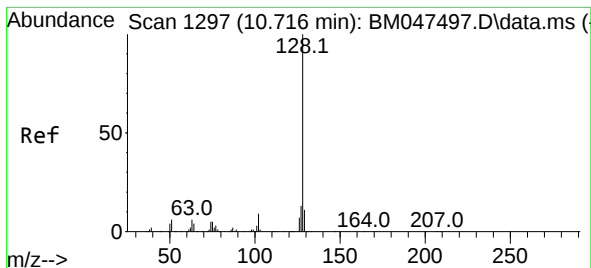
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091224\  
Data File : BM047500.D  
Acq On : 12 Sep 2024 12:30  
Operator : RC/JU  
Sample : P3878-03DL2 30X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC47DL2

Quant Time: Sep 13 00:30:31 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 11 00:35:12 2024  
Response via : Initial Calibration

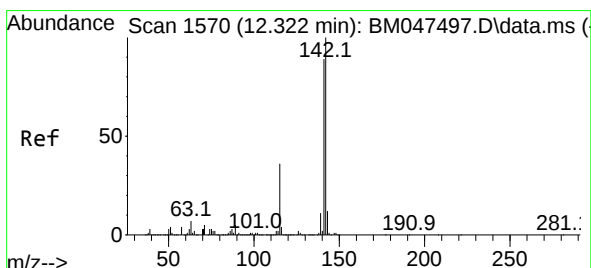
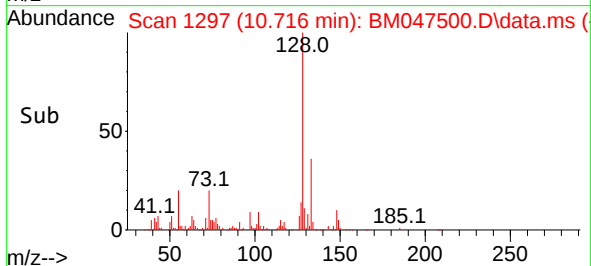
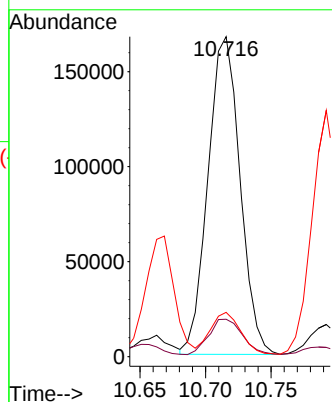
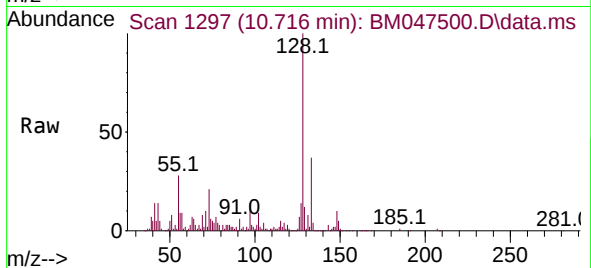




#30  
Naphthalene  
Concen: 2.353 ng/ul  
RT: 10.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

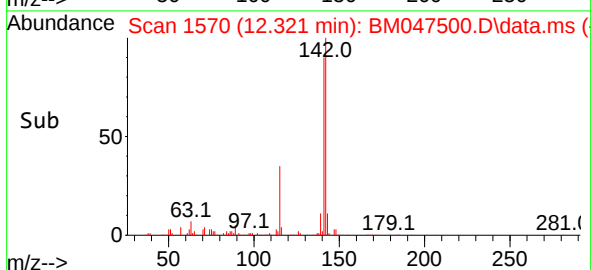
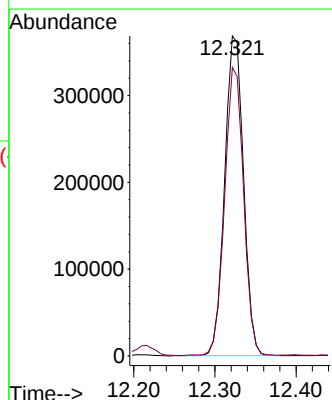
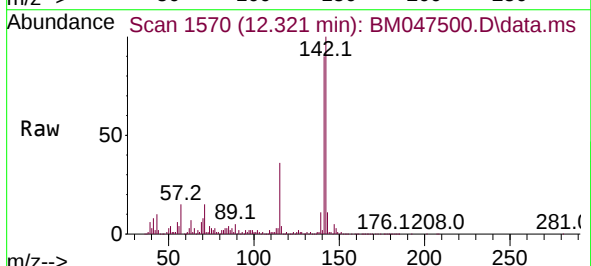
Instrument :  
BNA\_M  
ClientSampleId :  
DDC47DL2

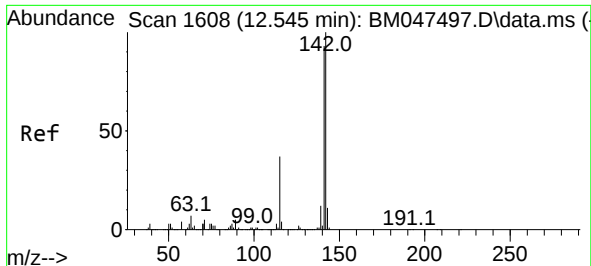
Tgt Ion:128 Resp: 285376  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.6 13.0  
127 13.8 10.1 15.1



#36  
2-Methylnaphthalene  
Concen: 7.120 ng/ul  
RT: 12.321 min Scan# 1570  
Delta R.T. -0.012 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

Tgt Ion:142 Resp: 593627  
Ion Ratio Lower Upper  
142 100  
141 90.1 71.3 106.9

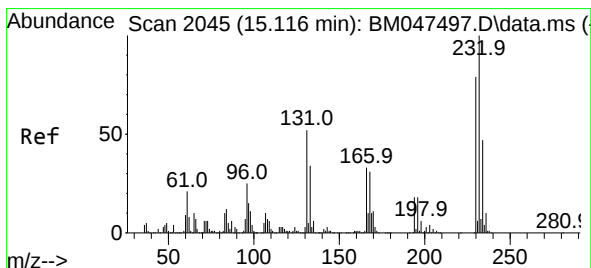
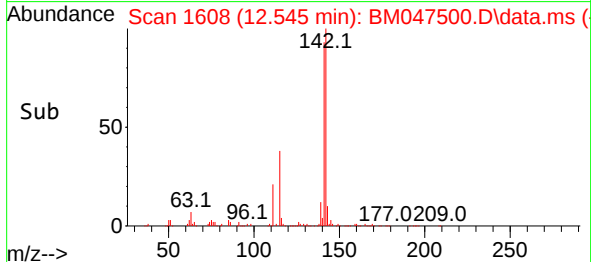
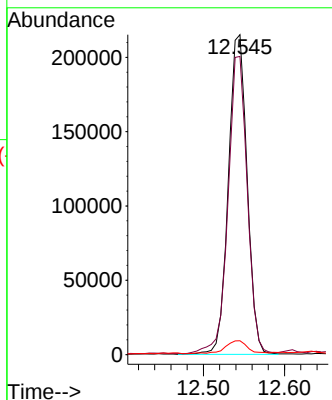
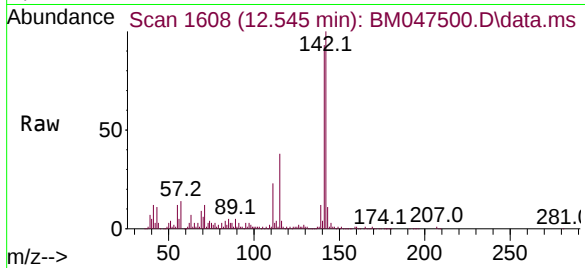




#37  
1-Methylnaphthalene  
Concen: 4.114 ng/ul  
RT: 12.545 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

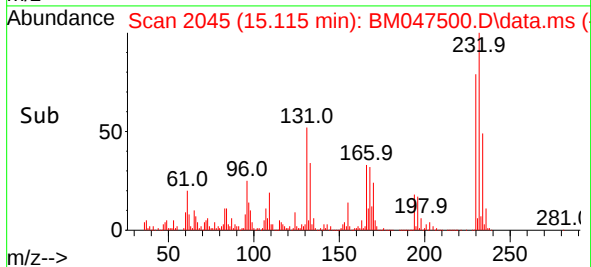
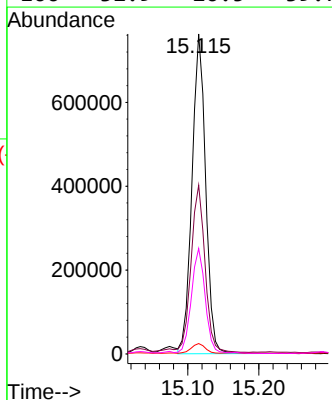
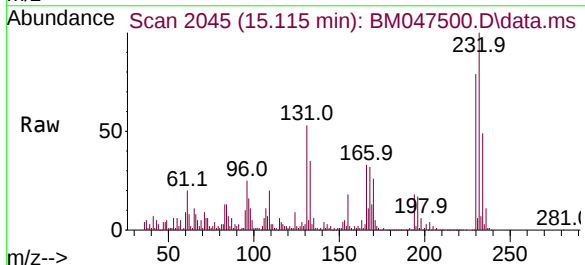
Instrument :  
BNA\_M  
ClientSampleId :  
DDC47DL2

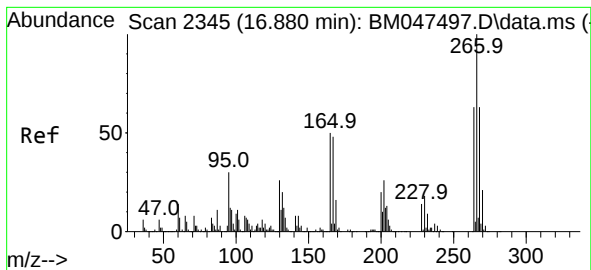
Tgt Ion:142 Resp: 346588  
Ion Ratio Lower Upper  
142 100  
141 93.2 72.9 109.3  
116 4.3 3.2 4.8



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 51.154 ng/ul  
RT: 15.115 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

Tgt Ion:232 Resp: 1021511  
Ion Ratio Lower Upper  
232 100  
131 52.7 44.3 66.5  
130 3.2 2.5 3.7  
166 32.9 26.5 39.7

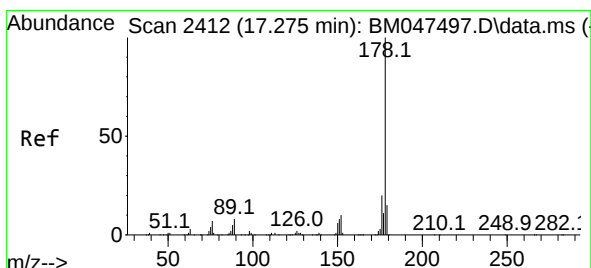
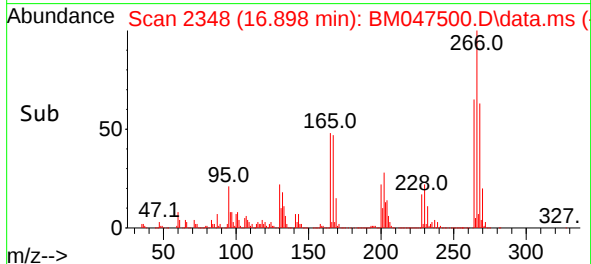
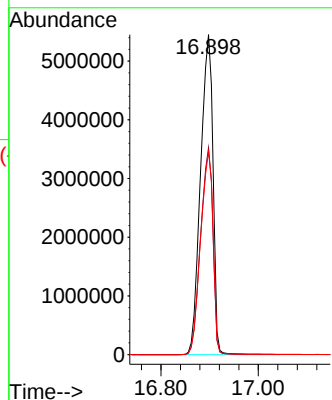
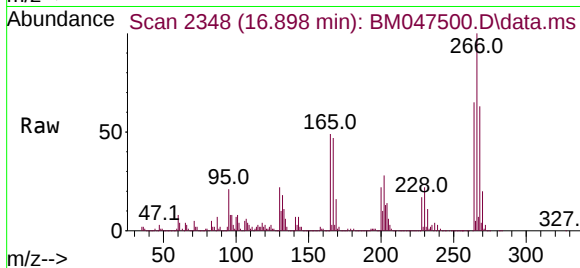




#71  
Pentachlorophenol  
Concen: 520.629 ng/ul  
RT: 16.898 min Scan# 2345  
Delta R.T. 0.011 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

Instrument :  
BNA\_M  
ClientSampleId :  
DDC47DL2

Tgt Ion:266 Resp: 9616802  
Ion Ratio Lower Upper  
266 100  
264 64.7 49.5 74.3  
268 63.5 51.0 76.4



#72  
Phenanthrene  
Concen: 1.906 ng/ul  
RT: 17.274 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BM047500.D  
Acq: 12 Sep 2024 12:30

Tgt Ion:178 Resp: 270022  
Ion Ratio Lower Upper  
178 100  
179 17.0 12.2 18.2  
176 20.1 15.5 23.3

