

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100124\  
 Data File : BN034329.D  
 Acq On : 02 Oct 2024 09:36  
 Operator : RC/JU  
 Sample : P4019-09DL 20X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDCE5DL

Quant Time: Oct 02 11:00:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 30 14:14:38 2024  
 Response via : Initial Calibration

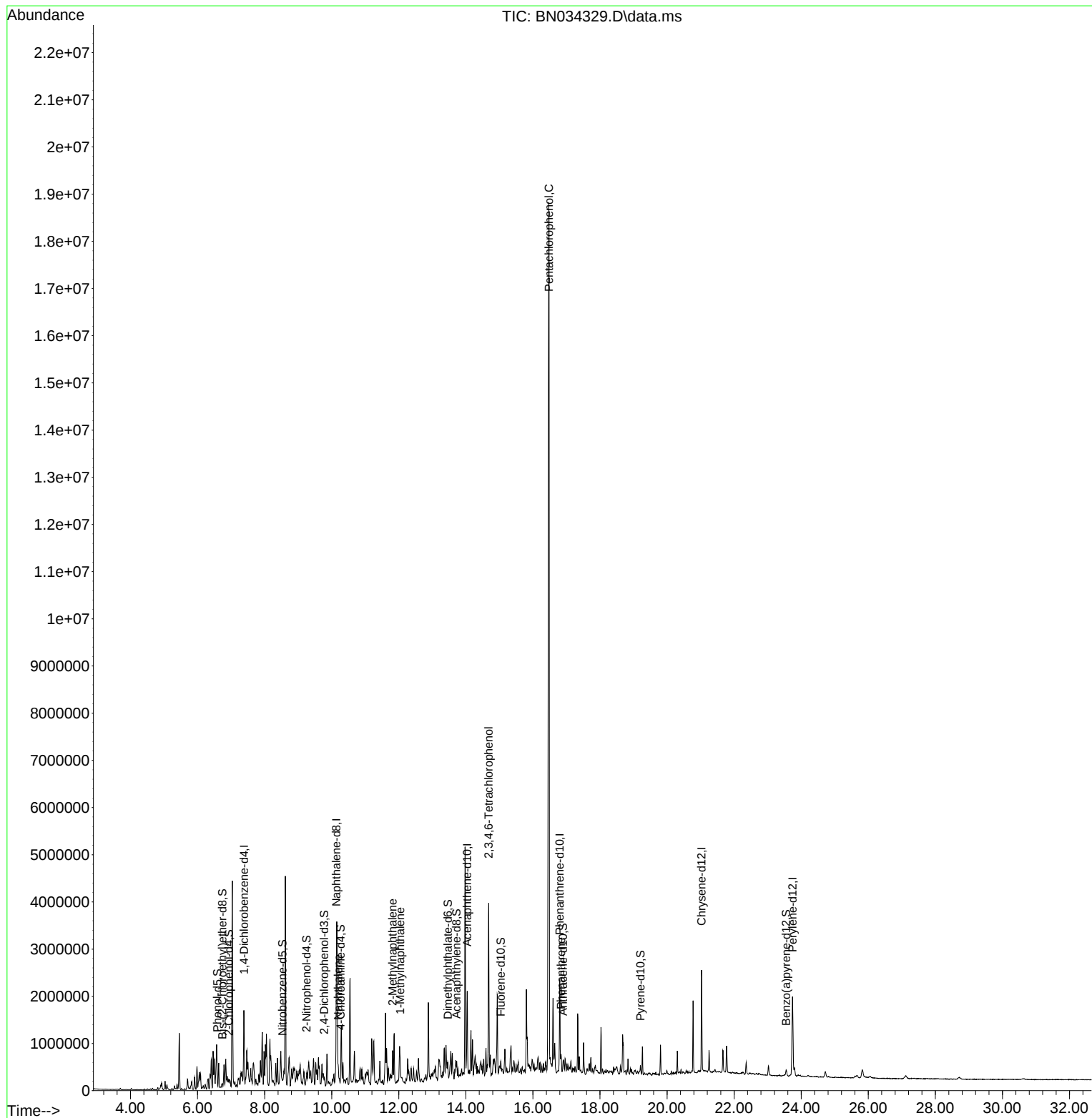
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.387  | 152  | 223126   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.140 | 136  | 872499   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.039 | 164  | 546078   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.798 | 188  | 1132734  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.027 | 240  | 1129568  | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.739 | 264  | 1389937  | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.010  | 96   | 1704     | 0.312   | ng/uL  | 0.01     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/u1  |          |
| 7) Phenol-d5                  | 6.587  | 99   | 26340    | 1.330   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.740  | 67   | 21000    | 1.709   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.928  | 132  | 21006    | 1.348   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.104  | 113  | 5338     | 0.328   | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.528  | 128  | 10395    | 1.495   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.245  | 143  | 9109     | 1.274   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.775  | 165  | 17867    | 1.327   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.263 | 131  | 30239    | 1.483   | ng/u1  | -0.03    |
| 46) Dimethylphthalate-d6      | 13.463 | 166  | 62993    | 1.544   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.722 | 160  | 70325    | 1.532   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.275 | 143  | 8112     | 0.969   | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.039 | 176  | 57481    | 1.662   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.175 | 200  | 5262     | 0.779   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 16.898 | 188  | 84004    | 1.577   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.204 | 212  | 101095   | 1.606   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.551 | 264  | 104429   | 1.463   | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.192 | 128  | 203662   | 4.267   | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 11.816 | 142  | 304237   | 9.255   | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.039 | 142  | 189885   | 5.706   | ng/u1  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.680 | 232  | 671315   | 70.471  | ng/u1  | 89       |
| 71) Pentachlorophenol         | 16.474 | 266  | 4996467  | 561.917 | ng/u1  | 98       |
| 72) Phenanthrene              | 16.839 | 178  | 128304   | 2.054   | ng/u1  | 96       |
| -----                         |        |      |          |         |        |          |

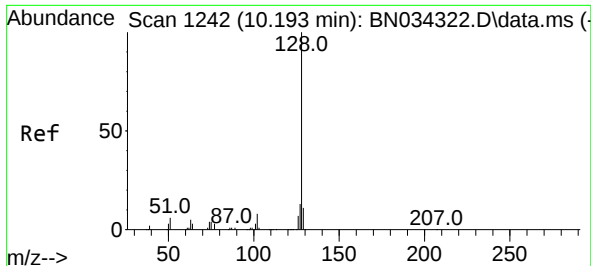
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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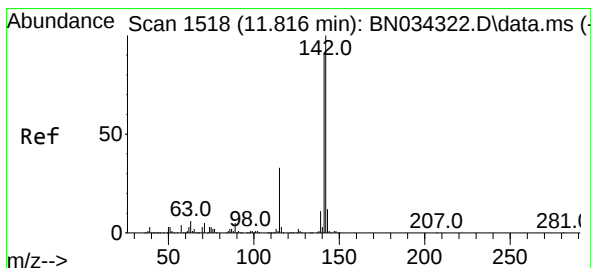
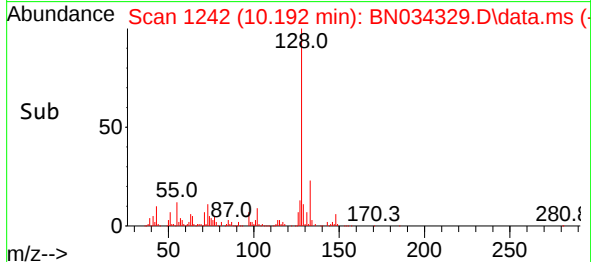
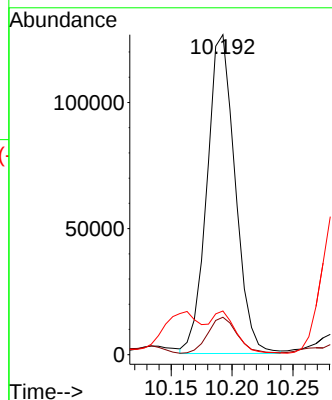
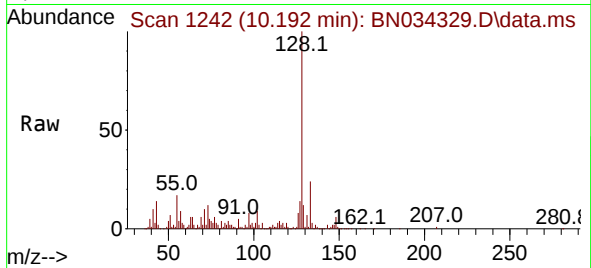




#30  
Naphthalene  
Concen: 4.267 ng/ul  
RT: 10.192 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

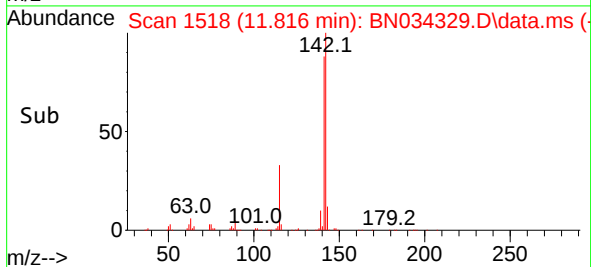
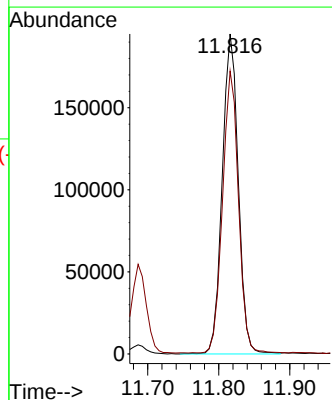
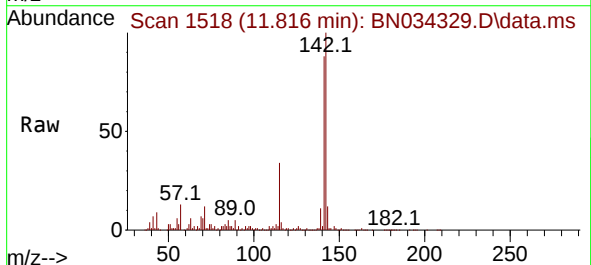
Instrument :  
BNA\_N  
ClientSampleId :  
DDCE5DL

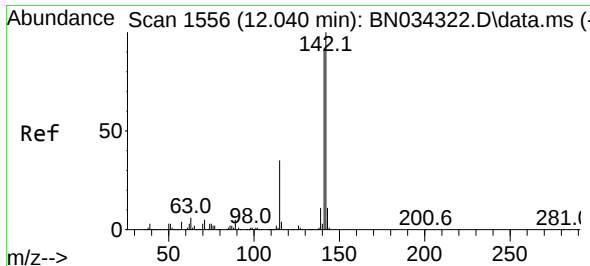
Tgt Ion:128 Resp: 203662  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.7 13.1  
127 13.7 10.6 16.0



#36  
2-Methylnaphthalene  
Concen: 9.255 ng/ul  
RT: 11.816 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

Tgt Ion:142 Resp: 304237  
Ion Ratio Lower Upper  
142 100  
141 88.4 72.2 108.2

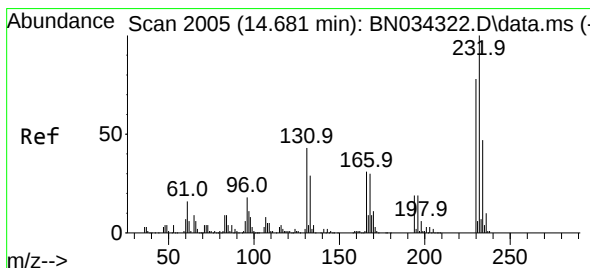
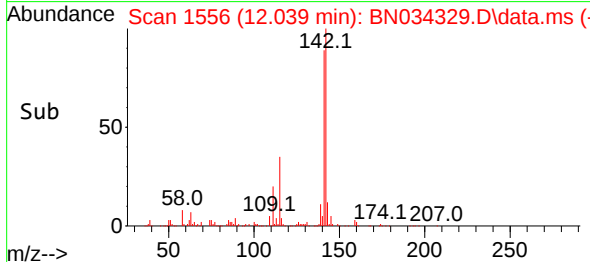
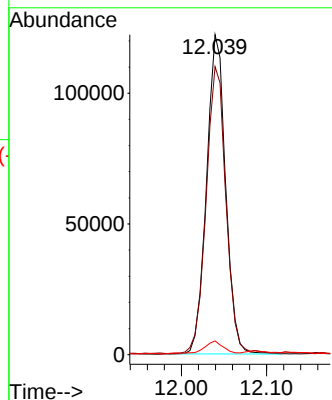
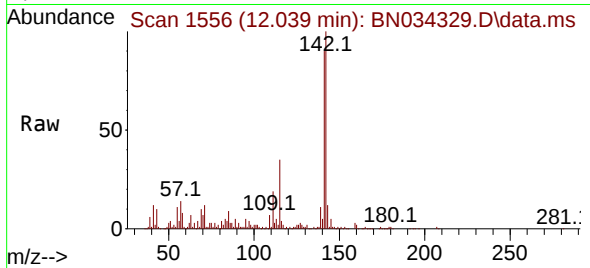




#37  
1-Methylnaphthalene  
Concen: 5.706 ng/ul  
RT: 12.039 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

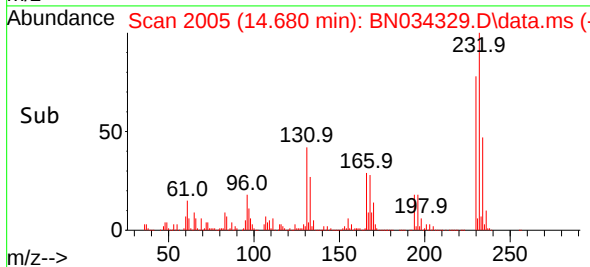
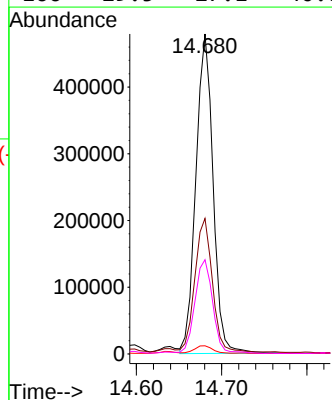
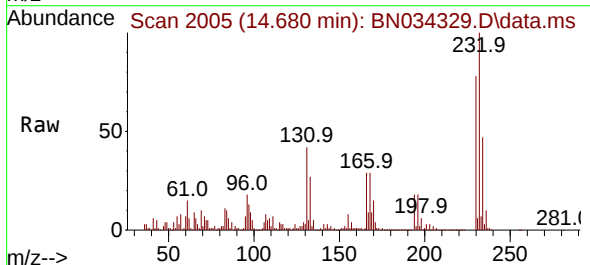
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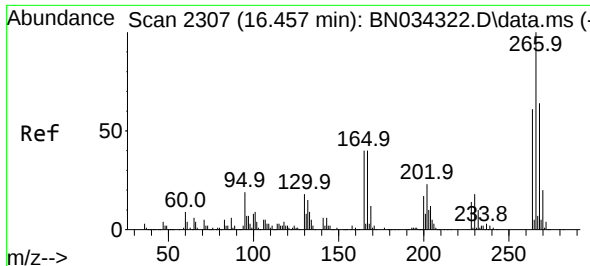
Tgt Ion:142 Resp: 189885  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.5 108.7  
116 4.3 3.2 4.8



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 70.471 ng/ul  
RT: 14.680 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

Tgt Ion:232 Resp: 671315  
Ion Ratio Lower Upper  
232 100  
131 42.3 41.0 61.6  
130 2.5 2.2 3.2  
166 29.5 27.1 40.7

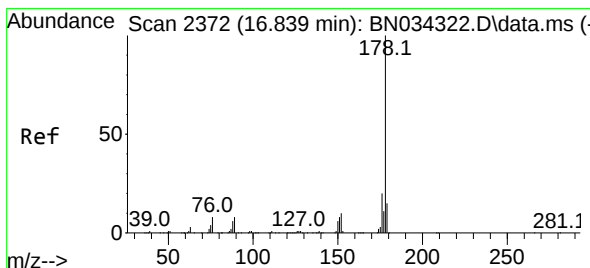
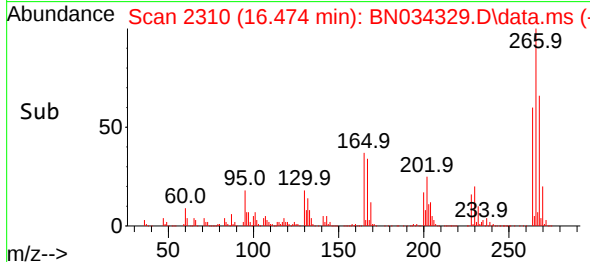
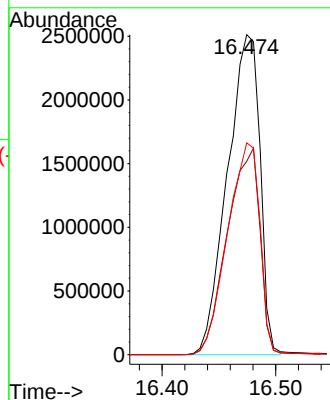
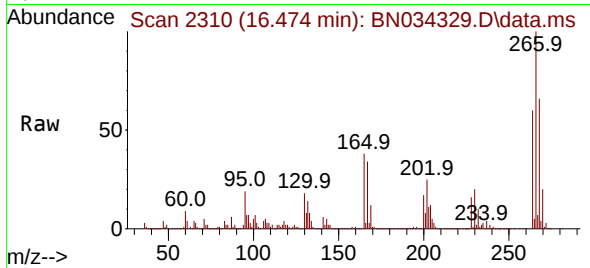




#71  
Pentachlorophenol  
Concen: 561.917 ng/ul  
RT: 16.474 min Scan# 21  
Delta R.T. 0.017 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE5DL

Tgt Ion:266 Resp: 4996467  
Ion Ratio Lower Upper  
266 100  
264 60.4 51.1 76.7  
268 66.2 52.8 79.2



#72  
Phenanthrene  
Concen: 2.054 ng/ul  
RT: 16.839 min Scan# 2372  
Delta R.T. -0.000 min  
Lab File: BN034329.D  
Acq: 02 Oct 2024 09:36

Tgt Ion:178 Resp: 128304  
Ion Ratio Lower Upper  
178 100  
179 17.5 11.9 17.9  
176 19.8 15.2 22.8

