

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090921\  
 Data File : BP006936.D  
 Acq On : 10 Sep 2021 12:19  
 Operator : CG/JU  
 Sample : M3651-20  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBKN3

Quant Time: Sep 10 13:20:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP090821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 09 11:07:24 2021  
 Response via : Initial Calibration

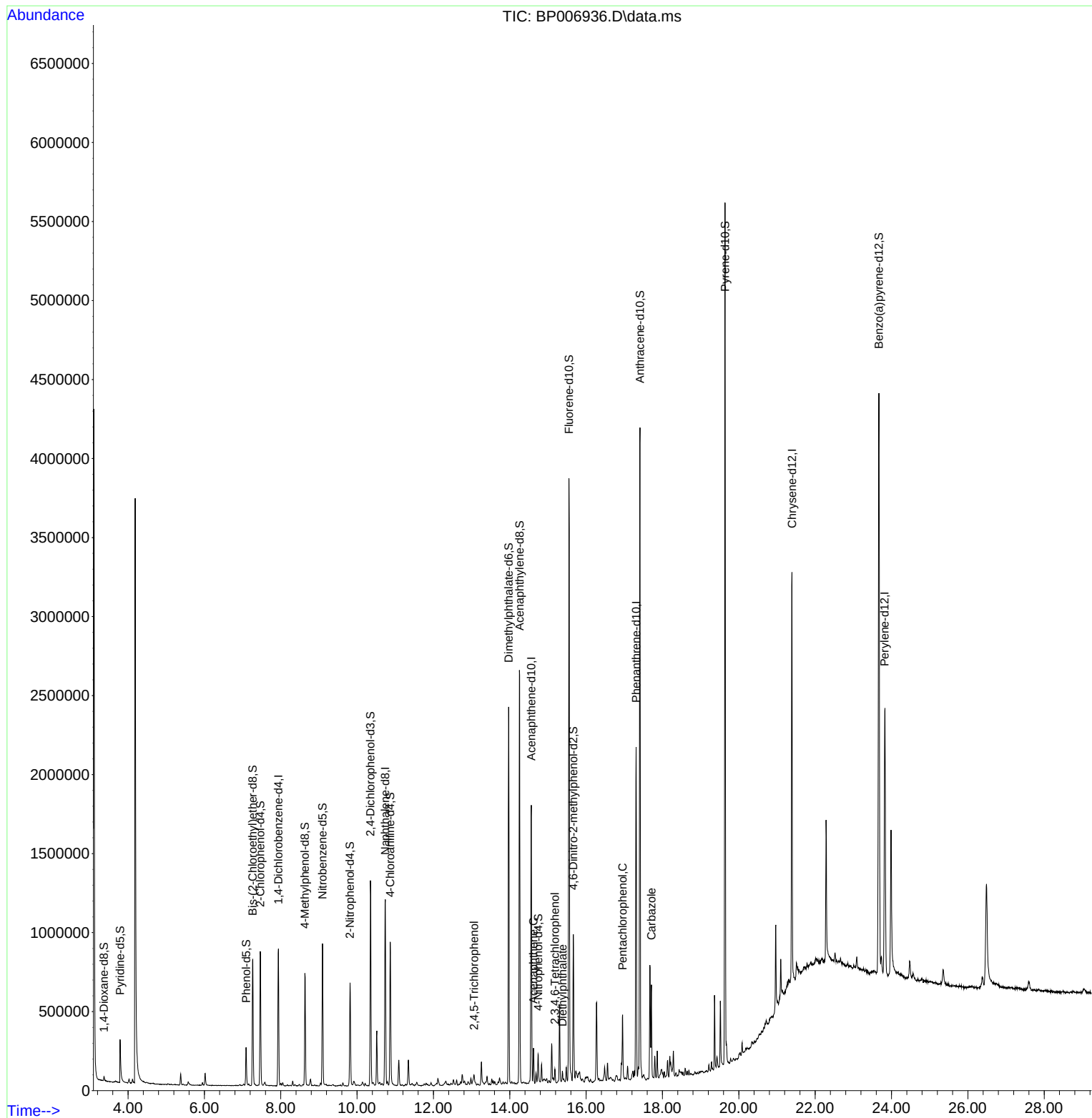
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 245865   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.740 | 136  | 995871   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.563 | 164  | 614368   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 1266488  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.392 | 240  | 1273801  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.821 | 264  | 1330416  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.370  | 96   | 15879    | 2.570  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.793  | 84   | 167880   | 10.427 | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.093  | 99   | 144438   | 7.993  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.263  | 67   | 361196   | 34.803 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.463  | 132  | 409346   | 28.060 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.634  | 113  | 272543   | 19.206 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.093  | 128  | 225259   | 37.343 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.816  | 143  | 218309   | 36.761 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.352 | 165  | 485358   | 34.661 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.869 | 131  | 496014   | 25.614 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.969 | 166  | 1634733  | 41.083 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 1867963  | 37.066 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.745 | 143  | 44694    | 6.465  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.551 | 176  | 1425518  | 40.591 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 200  | 197475   | 35.247 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.410 | 188  | 2371142  | 45.222 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.639 | 212  | 2762490  | 46.308 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.669 | 264  | 2754460  | 42.916 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 42) 2,4,5-Trichlorophenol     | 13.063 | 196  | 11495    | 1.013  | ng/ul  | 91       |
| 52) Acenaphthene              | 14.622 | 153  | 85693    | 2.475  | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.181 | 232  | 14979    | 1.638  | ng/ul# | 80       |
| 59) Diethylphthalate          | 15.381 | 149  | 41051    | 1.051  | ng/ul# | 94       |
| 71) Pentachlorophenol         | 16.957 | 266  | 72736    | 9.146  | ng/ul  | 98       |
| 77) Carbazole                 | 17.710 | 167  | 360663   | 6.471  | ng/ul  | 97       |

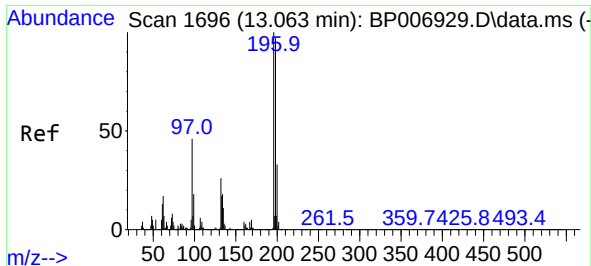
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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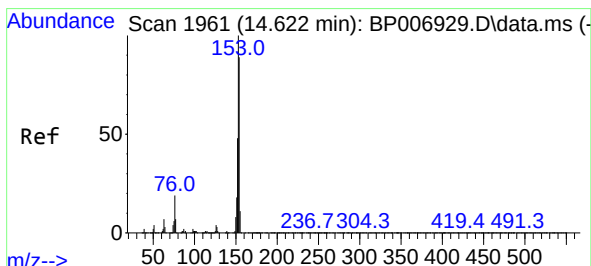
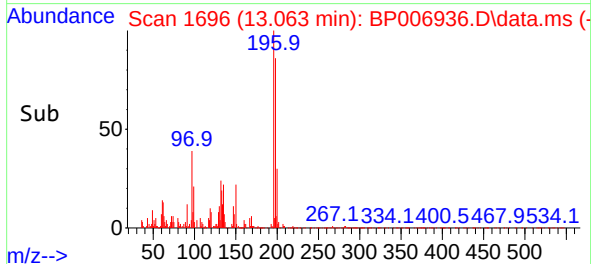
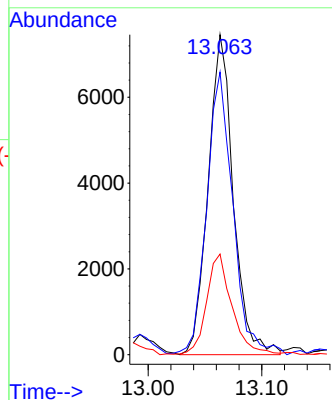
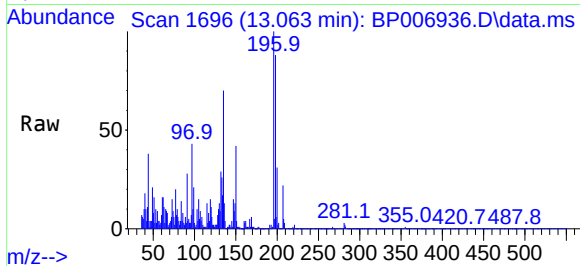




#42  
2,4,5-Trichlorophenol  
Concen: 1.013 ng/ul  
RT: 13.063 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

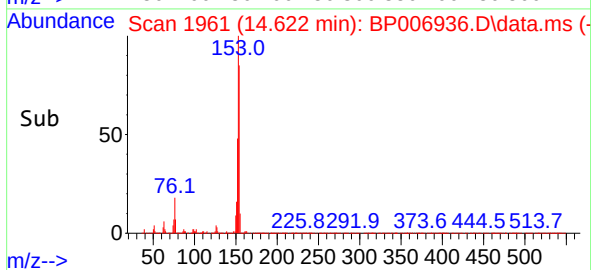
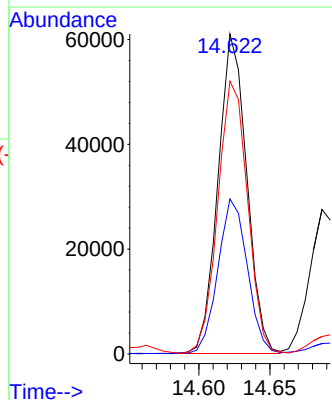
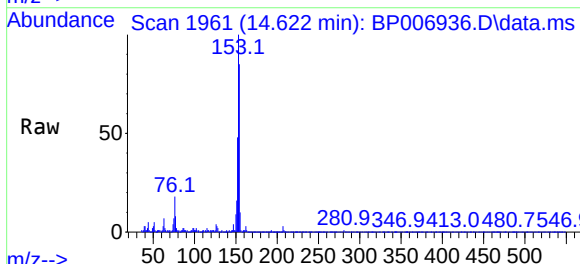
Instrument :  
BNA\_P  
ClientSampleId :  
DBKN3

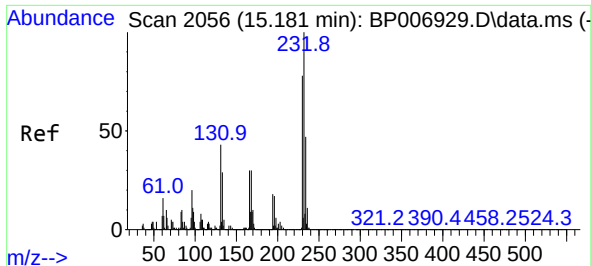
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 11495      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 88.3  | 79.3 118.9 |
| 200         | 31.4  | 25.8 38.8  |



#52  
Acenaphthene  
Concen: 2.475 ng/ul  
RT: 14.622 min Scan# 1961  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:153 | Resp: | 85693      |
| Ion Ratio   | Lower | Upper      |
| 153         | 100   |            |
| 152         | 48.4  | 38.6 57.8  |
| 154         | 85.3  | 69.0 103.6 |

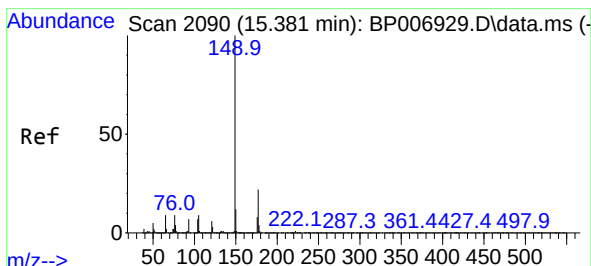
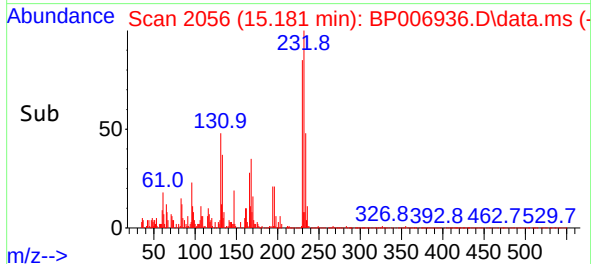
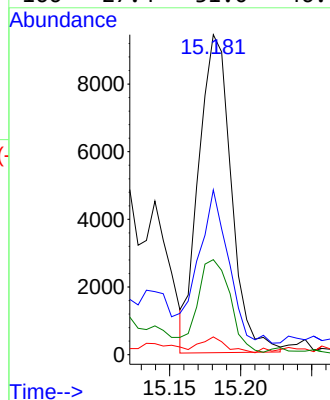
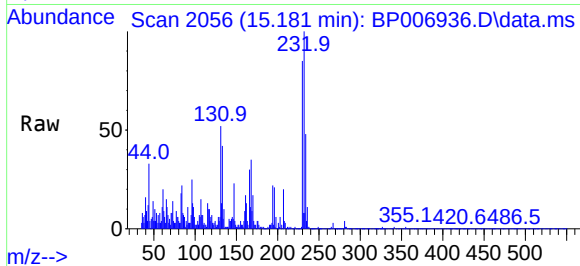




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 1.638 ng/ul  
RT: 15.181 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

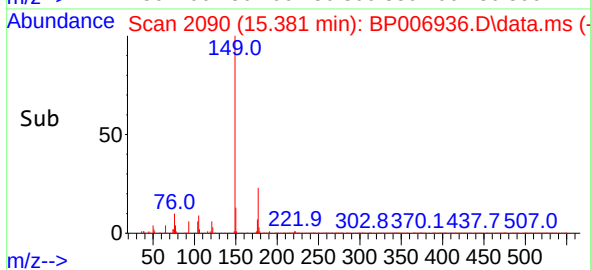
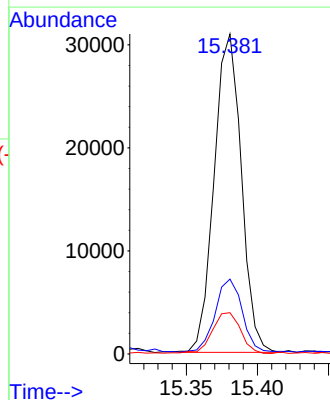
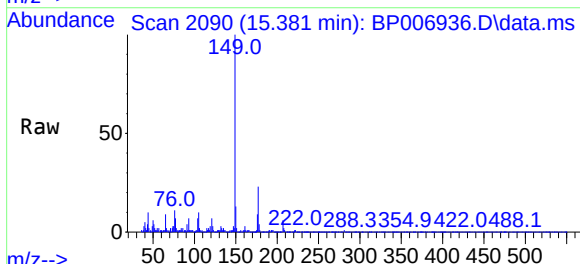
Instrument :  
BNA\_P  
ClientSampleId :  
DBKN3

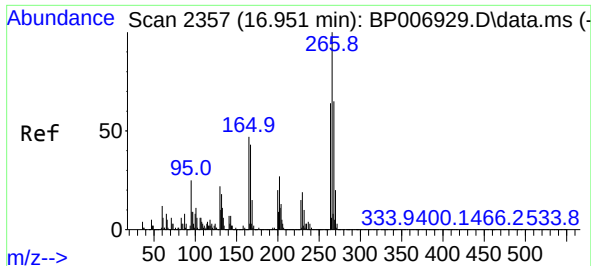
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 14979 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 47.5  | 51.8  | 77.6# |
| 130      | 5.1   | 3.1   | 4.7#  |
| 166      | 27.4  | 31.0  | 46.4# |



#59  
Diethylphthalate  
Concen: 1.051 ng/ul  
RT: 15.381 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 41051 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 23.4  | 15.5  | 23.3# |
| 150      | 12.9  | 9.9   | 14.9  |

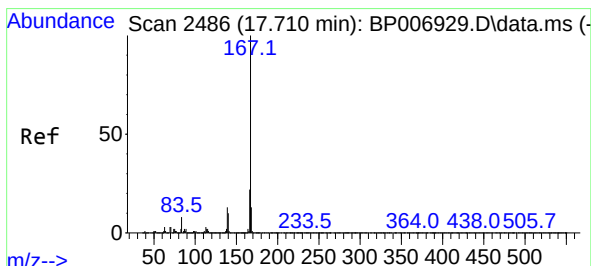
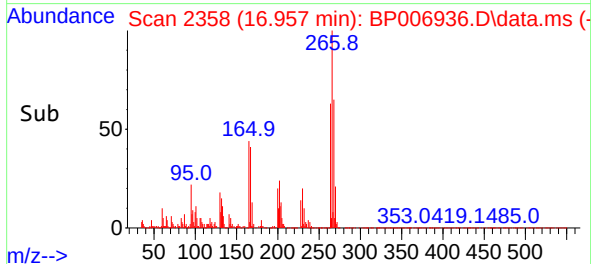
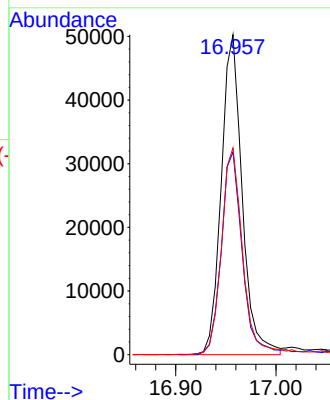
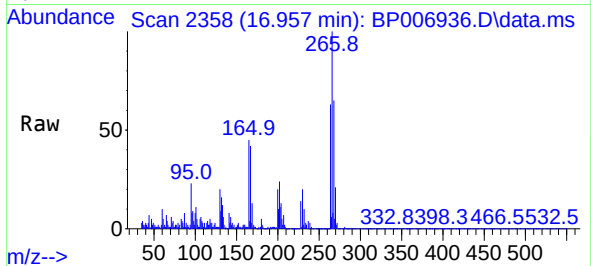




#71  
Pentachlorophenol  
Concen: 9.146 ng/ul  
RT: 16.957 min Scan# 2358  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

Instrument :  
BNA\_P  
ClientSampleId :  
DBKN3

Tgt Ion:266 Resp: 72736  
Ion Ratio Lower Upper  
266 100  
264 63.3 51.0 76.4  
268 64.7 49.4 74.2



#77  
Carbazole  
Concen: 6.471 ng/ul  
RT: 17.710 min Scan# 2486  
Delta R.T. -0.006 min  
Lab File: BP006936.D  
Acq: 10 Sep 2021 12:19

Tgt Ion:167 Resp: 360663  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.6 26.4  
139 12.6 11.9 17.9

