

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP051220\  
 Data File : BP002263.D  
 Acq On : 12 May 2020 23:08  
 Operator : CG/JU  
 Sample : L2568-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C5B98

Manual Integrations  
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mohammad  
 5/14/2020 9:00:00 AM

Quant Time: May 13 10:51:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP051220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 12 18:30:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 282647   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1258086  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 762824   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.01 | 188  | 1435796  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 1498194  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.30 | 264  | 1665914  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 42127   | 5.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 212072  | 8.61  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 548996  | 36.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 579324  | 30.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 363951  | 18.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 336189  | 36.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 360746  | 36.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 588737  | 29.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 60172   | 2.52  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 1570690 | 27.57 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 2083743 | 30.40 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.46 | 143 | 46817   | 4.74  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.26 | 176 | 1366518 | 28.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 386678m | 55.64 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.11 | 188 | 1834101 | 28.68 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 1988807 | 22.75 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 2275663 | 26.38 | ng/ul | 0.00 |

## Target Compounds

|                               |       |     |         |        |        | Qvalue |
|-------------------------------|-------|-----|---------|--------|--------|--------|
| 39) 2,4,6-Trichlorophenol     | 12.67 | 196 | 69223   | 4.42   | ng/ul  | 94     |
| 40) 2,4,5-Trichlorophenol     | 12.75 | 196 | 21195   | 1.28   | ng/ul  | 90     |
| 41) 1,1'-Biphenyl             | 13.09 | 154 | 90230   | 1.57   | ng/ul  | 100    |
| 45) Dimethylphthalate         | 13.72 | 163 | 149319  | 2.58   | ng/ul  | 99     |
| 56) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 78718   | 5.53   | ng/ul# | 88     |
| 59) Fluorene                  | 15.31 | 166 | 111416  | 2.20   | ng/ul  | 99     |
| 69) Pentachlorophenol         | 16.67 | 266 | 1315344 | 132.63 | ng/ul  | 97     |

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

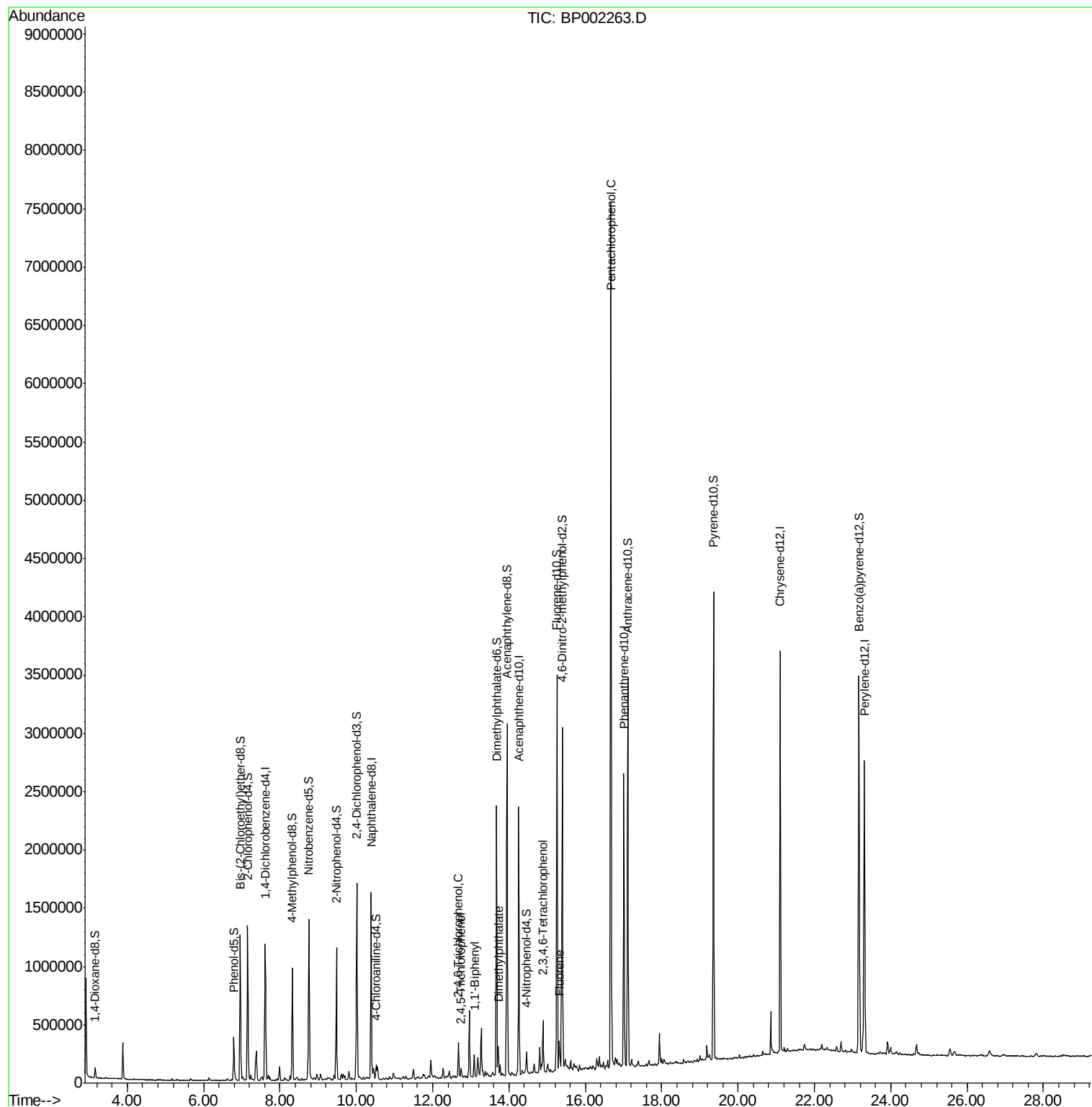
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Data File : BP002263.D  
Acq On : 12 May 2020 23:08  
Operator : CG/JU  
Sample : L2568-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

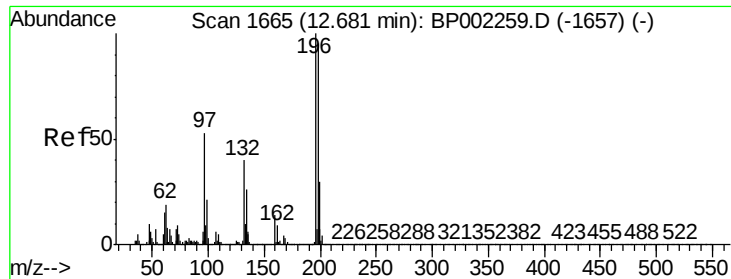
Instrument :  
BNA\_P  
ClientSampleId :  
C5B98

Quant Time: May 13 10:51:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP051220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 12 18:30:49 2020  
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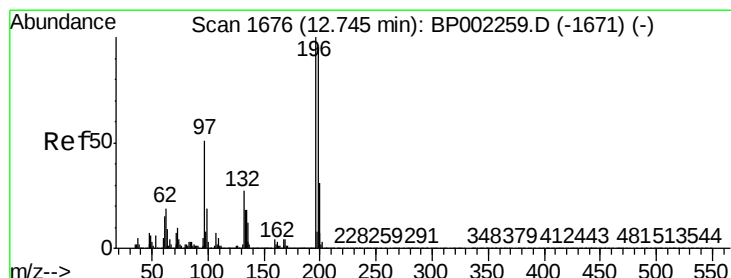
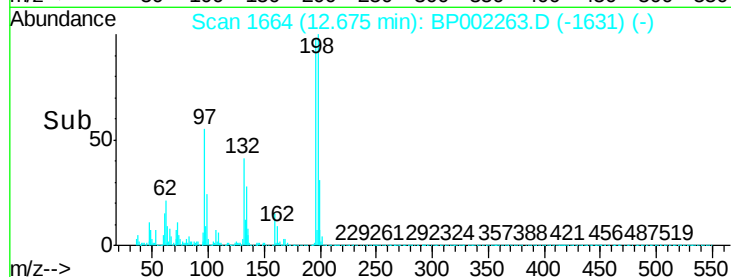
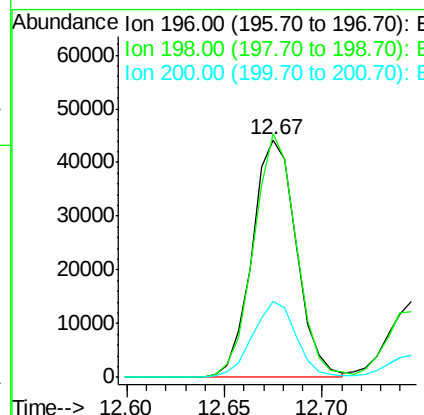
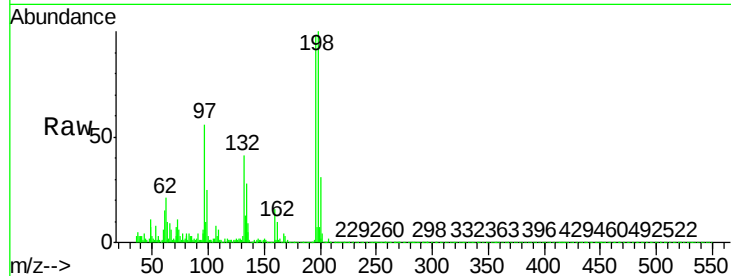
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 2,4,6-Trichlorophenol  
 Concen: 4.42 ng/ul  
 RT: 12.67 min Scan# 1664  
 Delta R.T. -0.01 min  
 Lab File: BP002263.D  
 Acq: 12 May 2020 23:08

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C5B98

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 69223 |       |       |
| 198     | 102.4 | 76.9  | 115.3 |       |
| 200     | 31.9  | 24.2  | 36.4  |       |

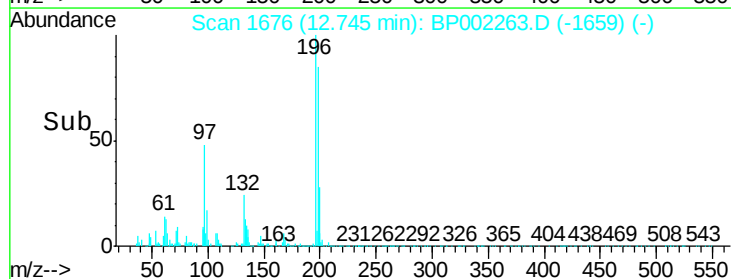
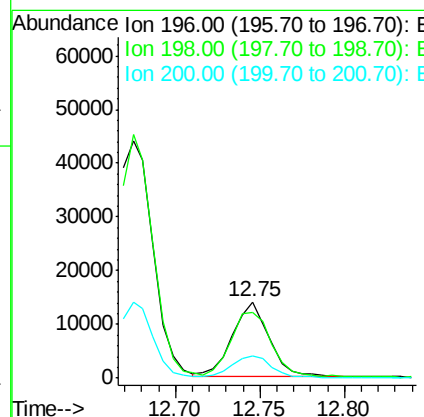
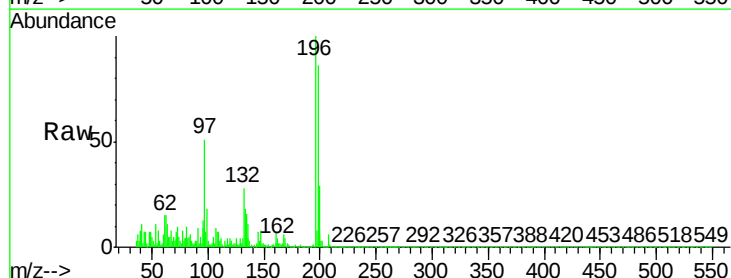
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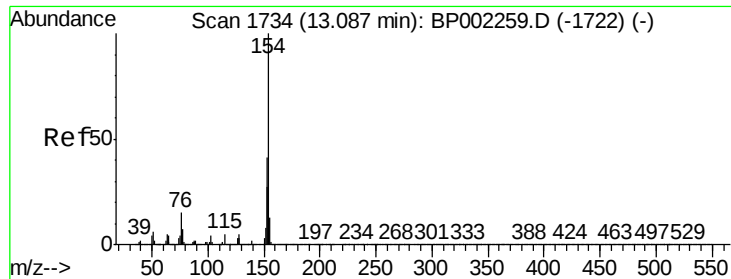
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#40  
 2,4,5-Trichlorophenol  
 Concen: 1.28 ng/ul  
 RT: 12.75 min Scan# 1676  
 Delta R.T. -0.00 min  
 Lab File: BP002263.D  
 Acq: 12 May 2020 23:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 21195 |       |       |
| 198     | 86.1  | 78.2  | 117.2 |       |
| 200     | 29.1  | 25.0  | 37.4  |       |





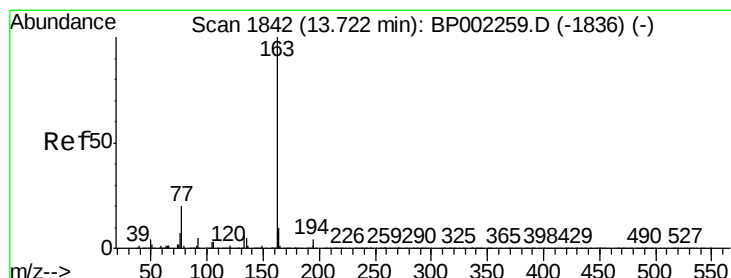
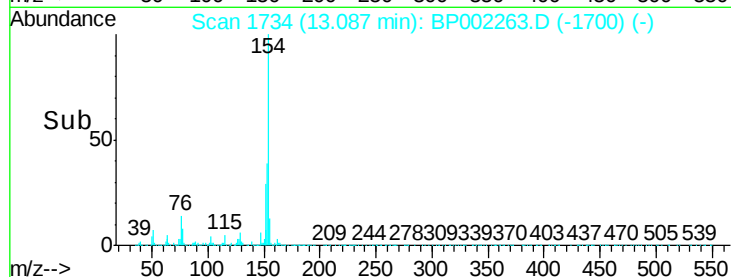
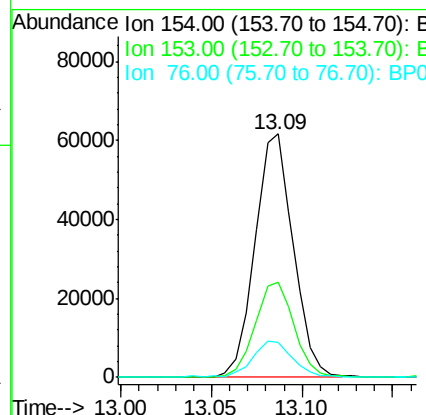
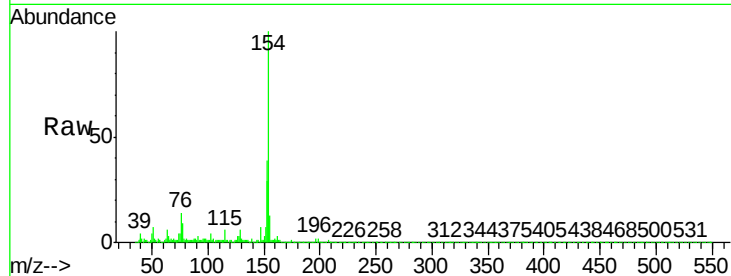
#41  
1,1'-Biphenyl  
Concen: 1.57 ng/ul  
RT: 13.09 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BP002263.D  
Acq: 12 May 2020 23:08

Instrument :  
BNA\_P  
ClientSampleId :  
C5B98

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 90230 |       |       |
| 153     | 39.2  | 31.5  | 47.3  |       |
| 76      | 14.2  | 11.2  | 16.8  |       |

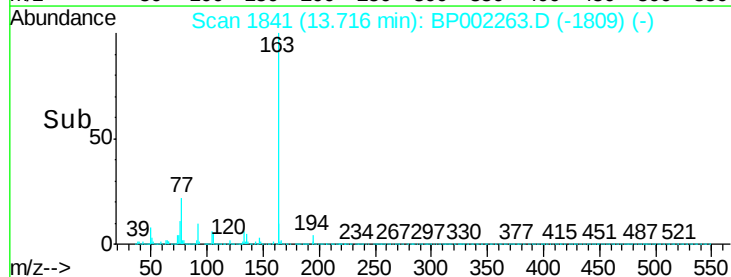
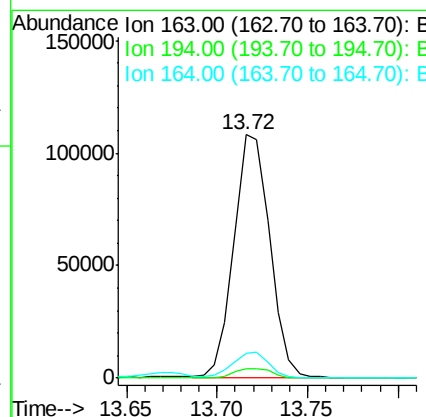
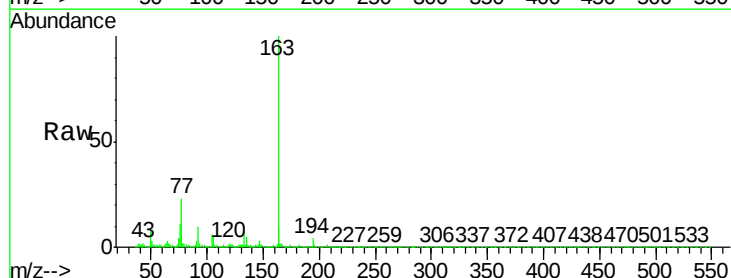
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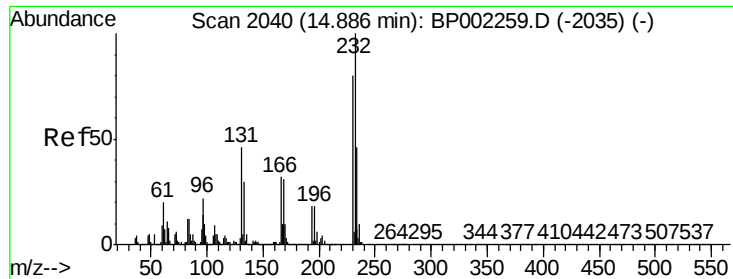
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#45  
Dimethylphthalate  
Concen: 2.58 ng/ul  
RT: 13.72 min Scan# 1841  
Delta R.T. -0.01 min  
Lab File: BP002263.D  
Acq: 12 May 2020 23:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 149319 |       |       |
| 194     | 4.0   | 3.4    | 5.0   |       |
| 164     | 10.3  | 7.8    | 11.6  |       |





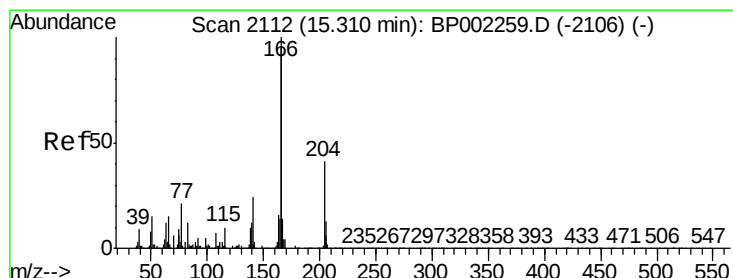
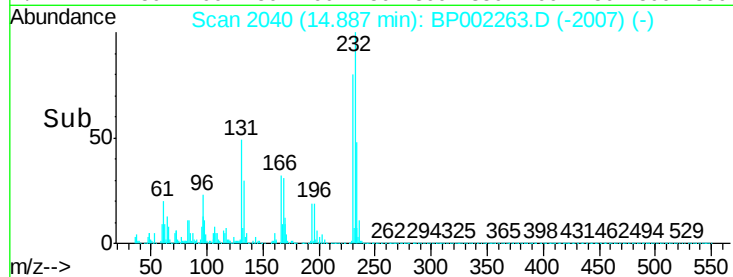
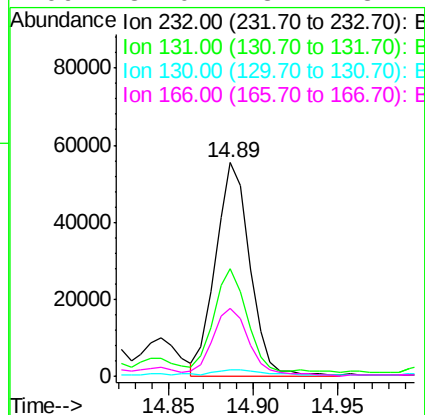
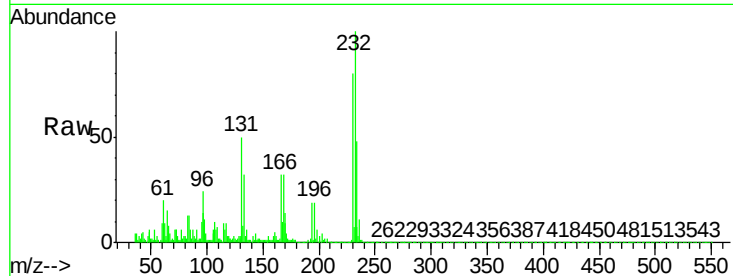
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 5.53 ng/ul  
 RT: 14.89 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BP002263.D  
 Acq: 12 May 2020 23:08

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C5B98

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.4  | 31.7  | 47.5# |
| 130     | 3.0   | 1.8   | 2.8#  |
| 166     | 32.0  | 23.1  | 34.7  |

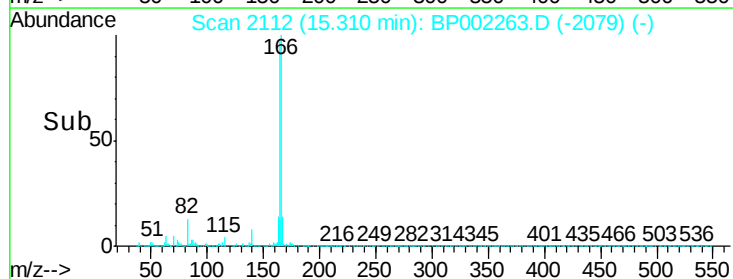
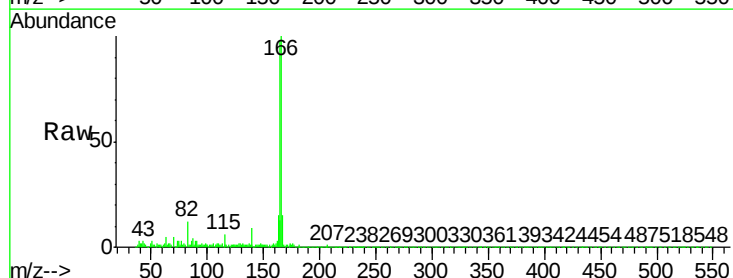
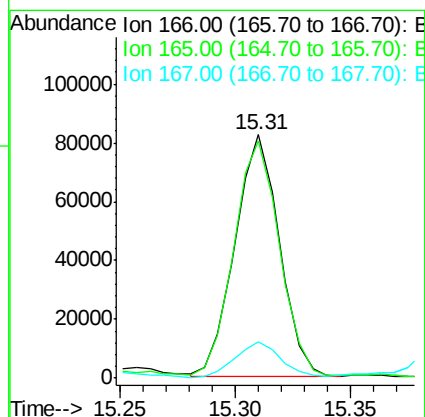
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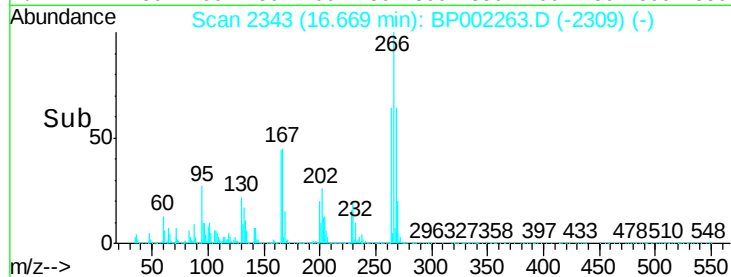
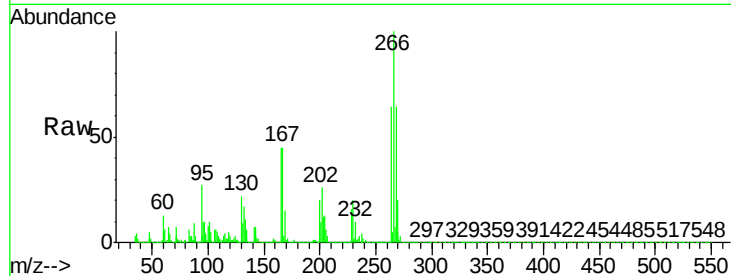
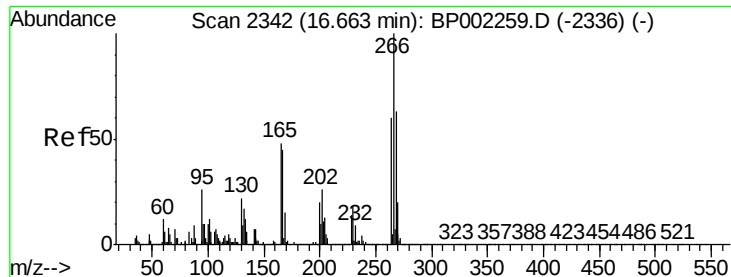
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#59  
 Fluorene  
 Concen: 2.20 ng/ul  
 RT: 15.31 min Scan# 2112  
 Delta R.T. -0.01 min  
 Lab File: BP002263.D  
 Acq: 12 May 2020 23:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.7  | 78.5  | 117.7 |
| 167     | 14.8  | 10.9  | 16.3  |





#69

Pentachlorophenol

Concen: 132.63 ng/ul

RT: 16.67 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BP002263.D

Acq: 12 May 2020 23:08

Instrument :

BNA\_P

ClientSampleId :

C5B98

Tgt Ion: 266 Resp: 1315344

Ion Ratio Lower Upper

266 100

264 64.4 48.4 72.6

268 63.9 50.1 75.1

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