

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\  
 Data File : BG047676.D  
 Acq On : 9 Dec 2020 16:37  
 Operator : CG/JU  
 Sample : L4921-05  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0FW4

Manual Integrations  
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 12/10/2020 8:24:19 AM

Quant Time: Dec 09 17:34:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG120720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 08 17:39:41 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 36297    | 20.00 | ng/ul | 0.05     |
| 18) Naphthalene-d8        | 11.06 | 136  | 109972   | 20.00 | ng/ul | 0.02     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 88411    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 211692   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.85 | 240  | 189947   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.22 | 264  | 200703   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 2901m  | 4.26  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.36  | 99  | 17955m | 5.78  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.53  | 67  | 42985  | 26.92 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.75  | 132 | 49373  | 20.96 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.92  | 113 | 33734m | 13.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.39  | 128 | 34125  | 38.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.12 | 143 | 37746  | 34.92 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.66 | 165 | 75486  | 32.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.17 | 131 | 5527   | 2.56  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.23 | 166 | 238403 | 31.04 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.54 | 160 | 301441 | 34.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.01 | 143 | 8362   | 7.34  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.82 | 176 | 223812 | 31.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 48429  | 33.80 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.67 | 188 | 377702 | 35.77 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.94 | 212 | 411441 | 36.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.98 | 264 | 414454 | 35.35 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |         | Ovalue |    |
|--------------------------------|-------|-----|--------|---------|--------|----|
| 6) Phenol                      | 7.39  | 94  | 2946   | 1.004   | ng/ul  | 88 |
| 20) Nitrobenzene               | 9.44  | 77  | 267158 | 94.155  | ng/ul  | 96 |
| 23) 2-Nitrophenol              | 10.15 | 139 | 1302   | 1.178   | ng/ul# | 83 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216 | 133788 | 38.078  | ng/ul  | 98 |
| 45) Dimethylphthalate          | 14.27 | 163 | 8347   | 1.073   | ng/ul# | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.65 | 216 | 393551 | 118.642 | ng/uL  | 99 |
| 74) Pentachlorobenzene         | 15.15 | 250 | 9831   | 2.973   | ng/uL  | 88 |

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

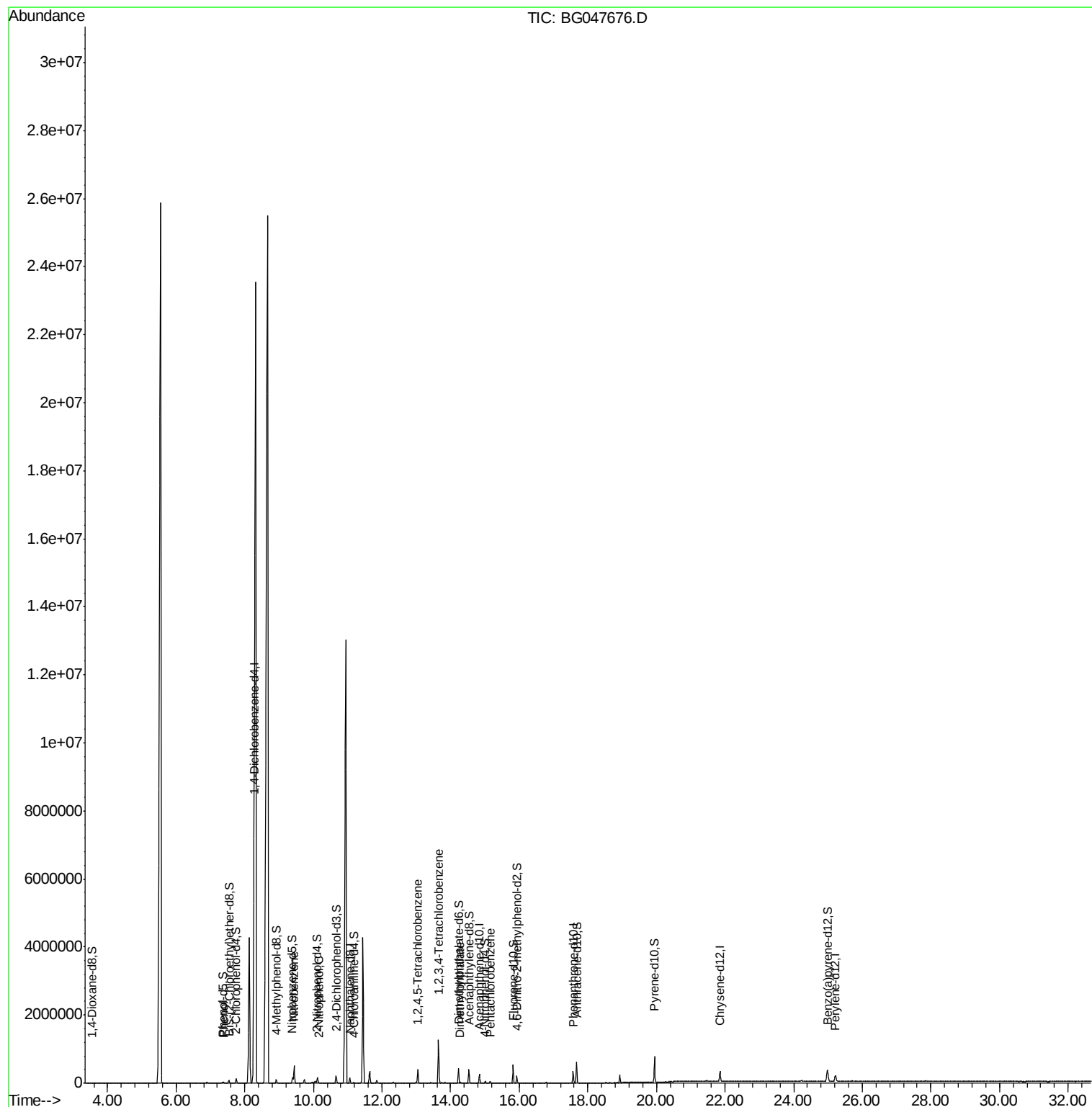
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\  
Data File : BG047676.D  
Acq On : 9 Dec 2020 16:37  
Operator : CG/JU  
Sample : L4921-05  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

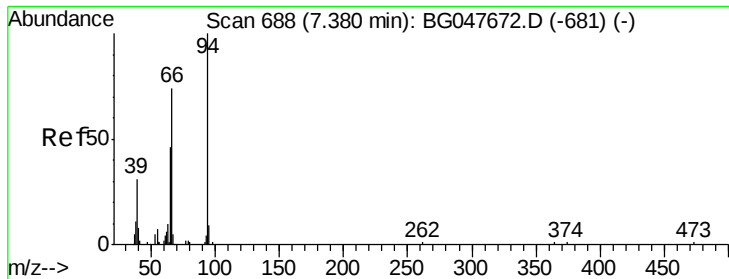
Instrument :  
BNA\_G  
ClientSampleId :  
C0FW4

Quant Time: Dec 09 17:34:52 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG120720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 08 17:39:41 2020  
Response via : Initial Calibration

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#6

Phenol

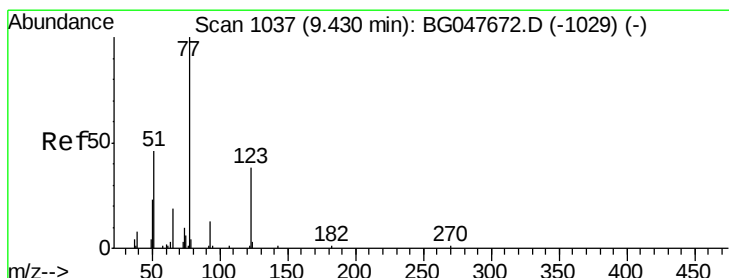
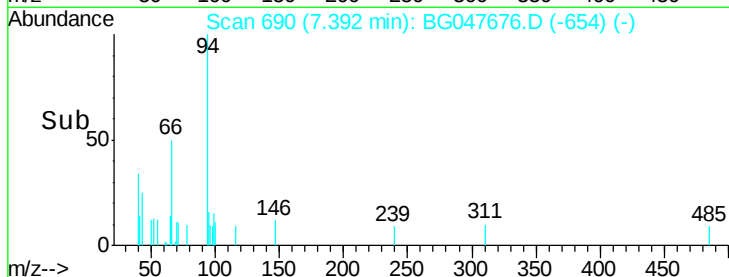
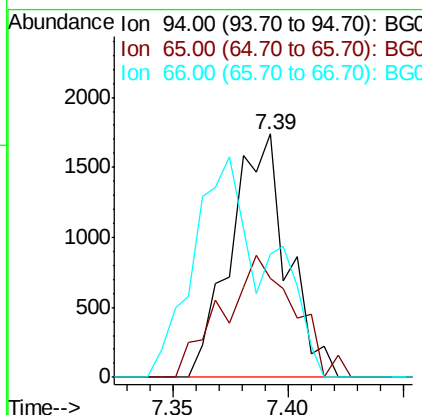
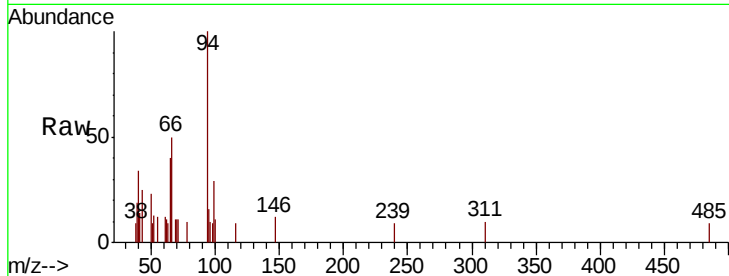
Concen: 1.004 ng/ul  
 RT: 7.39 min Scan# 690  
 Delta R.T. 0.01 min  
 Lab File: BG047676.D  
 Acq: 9 Dec 2020 16:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0FW4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 40.5  | 35.9  | 53.9  |
| 66      | 50.4  | 50.1  | 75.1  |

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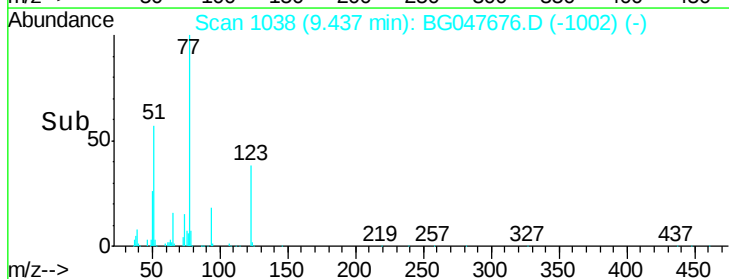
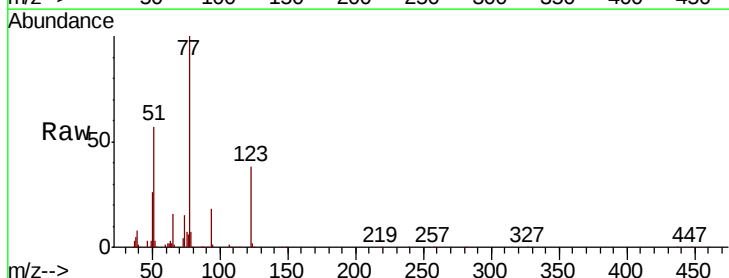
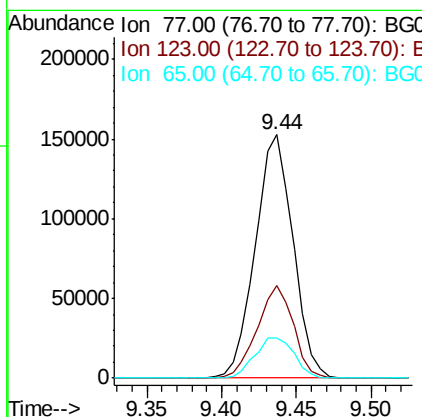


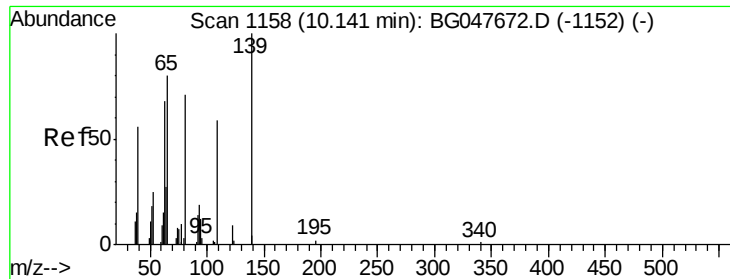
#20

Nitrobenzene

Concen: 94.155 ng/ul  
 RT: 9.44 min Scan# 1038  
 Delta R.T. 0.01 min  
 Lab File: BG047676.D  
 Acq: 9 Dec 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.2  | 28.5  | 42.7  |
| 65      | 16.3  | 12.2  | 18.2  |





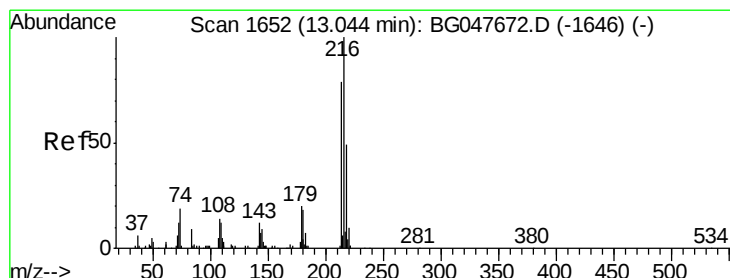
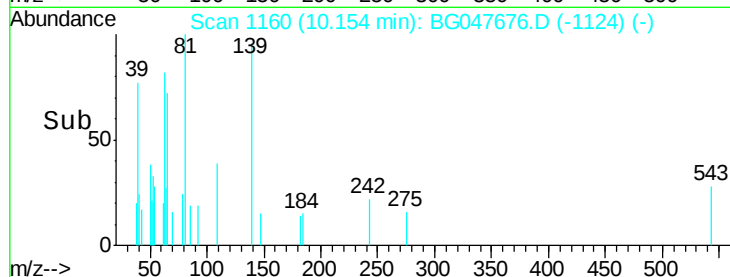
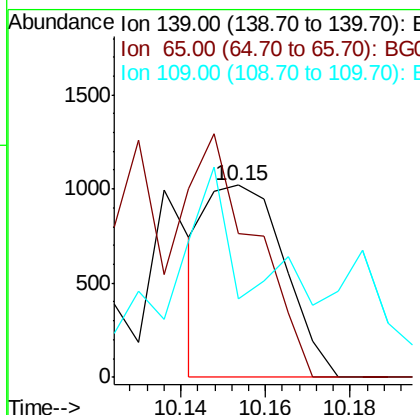
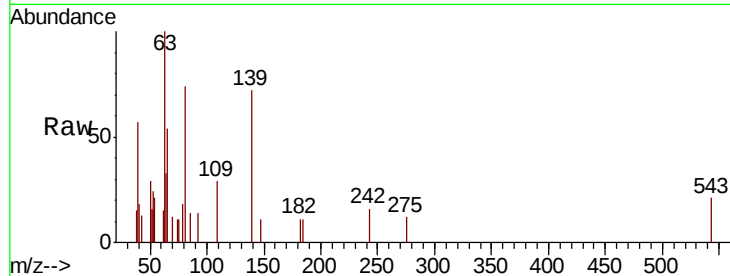
#23  
2-Nitrophenol  
Concen: 1.178 ng/ul  
RT: 10.15 min Scan# 1160  
Delta R.T. 0.01 min  
Lab File: BG047676.D  
Acq: 9 Dec 2020 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
C0FW4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 75.0  | 63.4  | 95.0  |
| 109     | 40.6  | 53.0  | 79.6  |

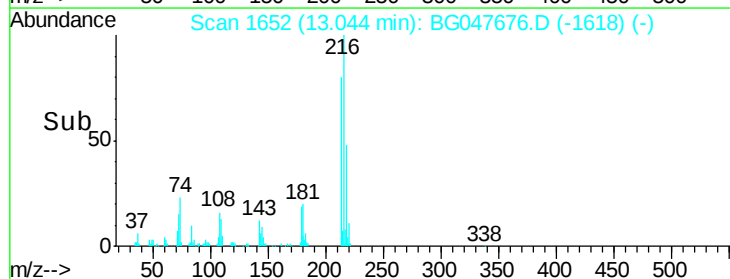
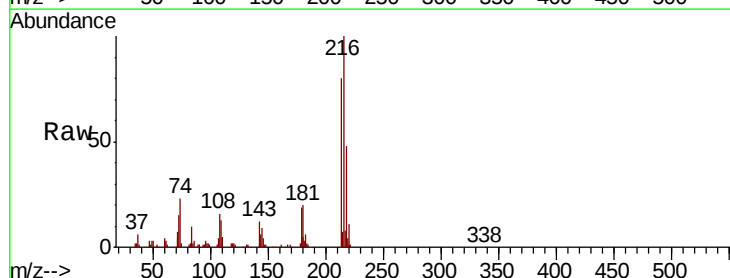
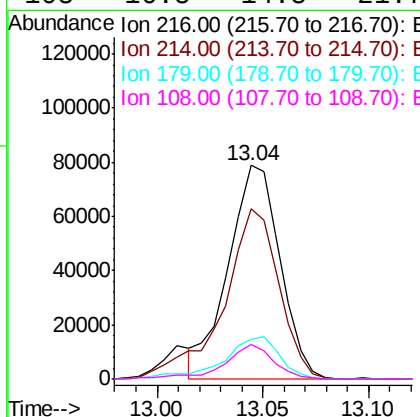
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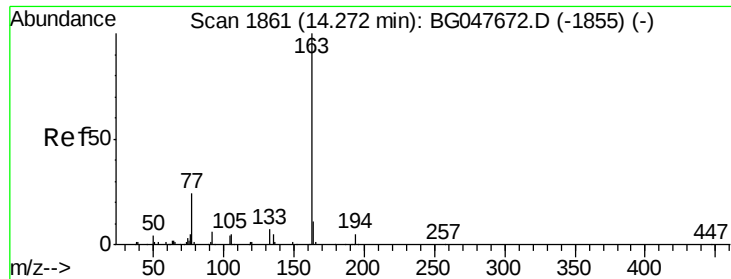
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#37  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.078 ng/ul  
RT: 13.04 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: BG047676.D  
Acq: 9 Dec 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.7  | 62.5  | 93.7  |
| 179     | 18.5  | 15.0  | 22.6  |
| 108     | 16.5  | 14.5  | 21.7  |





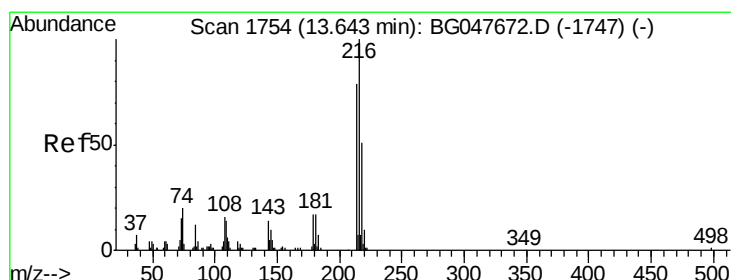
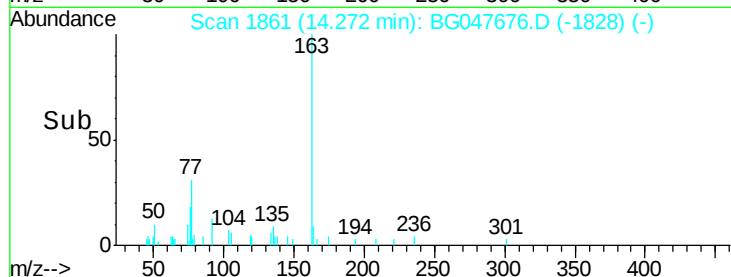
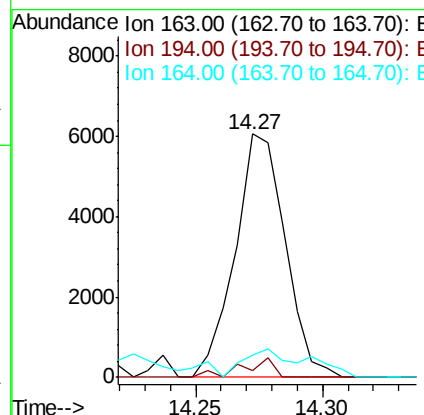
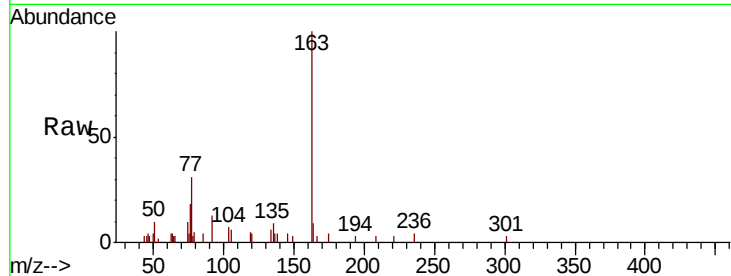
#45  
Dimethylphthalate  
Concen: 1.073 ng/ul  
RT: 14.27 min Scan# 1861  
Delta R.T. -0.01 min  
Lab File: BG047676.D  
Acq: 9 Dec 2020 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
C0FW4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 2.8   | 3.9   | 5.9#  |
| 164     | 9.4   | 7.4   | 11.2  |

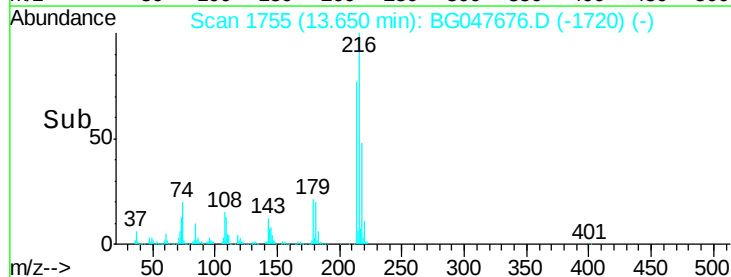
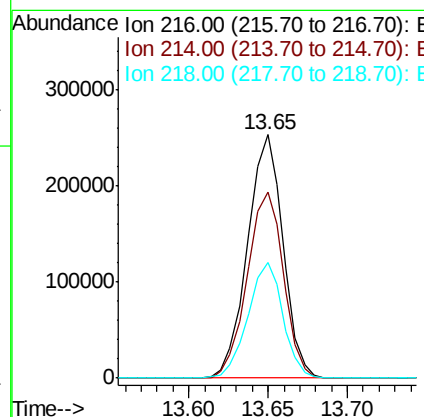
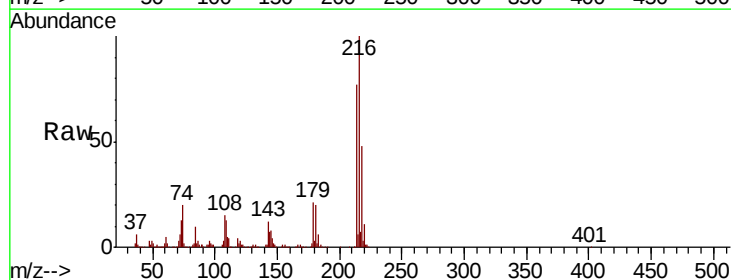
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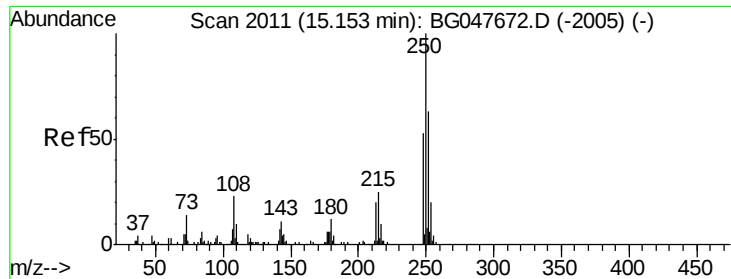
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#73  
1,2,3,4-Tetrachlorobenzene  
Concen: 118.642 ng/uL  
RT: 13.65 min Scan# 1755  
Delta R.T. 0.01 min  
Lab File: BG047676.D  
Acq: 9 Dec 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.5  | 61.7  | 92.5  |
| 218     | 47.6  | 39.3  | 58.9  |





#74  
 Pentachlorobenzene  
 Concen: 2.973 ng/uL  
 RT: 15.15 min Scan# 2011  
 Delta R.T. 0.01 min  
 Lab File: BG047676.D  
 Acq: 9 Dec 2020 16:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0FW4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 55.3  | 51.4  | 77.0  |
| 252     | 82.6  | 57.4  | 86.0  |

Manual Integrations  
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