

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP051220\  
 Data File : BP002266.D  
 Acq On : 12 May 2020 23:42  
 Operator : CG/JU  
 Sample : L2568-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: May 13 03:05:39 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  | 293653   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1150784  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 599899   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.01 | 188  | 1102294  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 1062793  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.30 | 264  | 1191017  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 47969   | 6.55  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.79  | 99  | 261610  | 10.22 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 584900  | 37.37 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 633867  | 32.05 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 423014  | 21.13 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 358142  | 41.94 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 383417  | 41.95 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 637645  | 34.65 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 35221   | 1.62  | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 1718518 | 38.36 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 2230074 | 41.37 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.45 | 143 | 63648   | 8.20  | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.26 | 176 | 1488552 | 39.64 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 216476  | 40.57 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.11 | 188 | 2097981 | 42.73 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.35 | 212 | 2279782 | 36.76 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 2587075 | 41.95 | ng/ul | 0.00  |

## Target Compounds

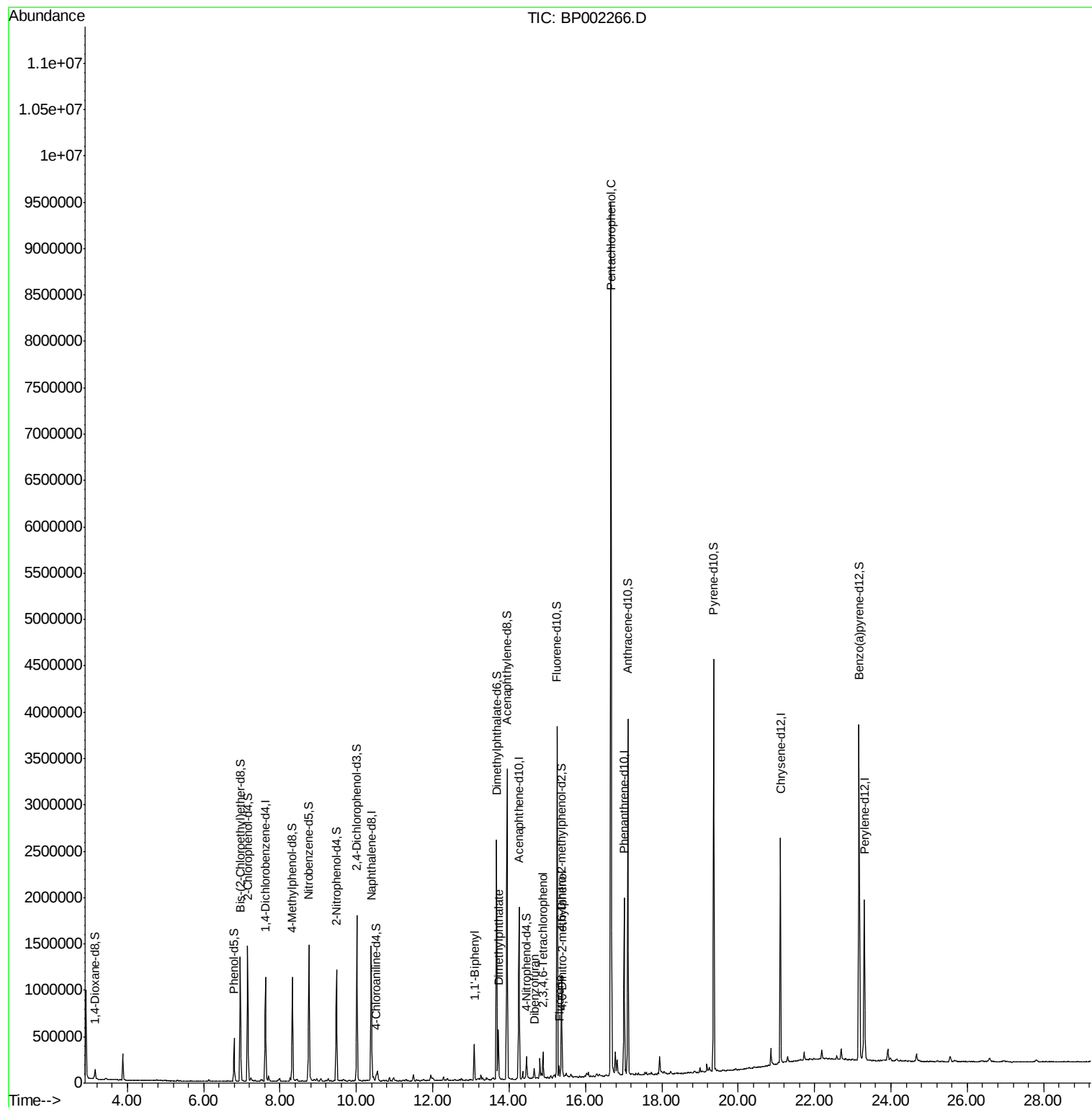
|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 41) 1,1'-Biphenyl              | 13.09 | 154 | 203304  | 4.498   | ng/ul  | 99  |
| 45) Dimethylphthalate          | 13.72 | 163 | 337011  | 7.393   | ng/ul  | 100 |
| 54) Dibenzofuran               | 14.66 | 168 | 66082   | 1.247   | ng/ul  | 99  |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232 | 52029   | 4.646   | ng/ul# | 90  |
| 59) Fluorene                   | 15.31 | 166 | 49145   | 1.236   | ng/ul  | 99  |
| 64) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 10691   | 1.897   | ng/ul# | 94  |
| 69) Pentachlorophenol          | 16.67 | 266 | 1704922 | 223.923 | ng/ul  | 98  |

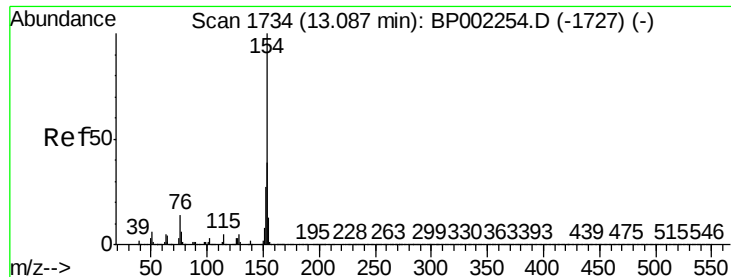
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 12 18:30:49 2020  
Response via : Initial Calibration





#41

1,1'-Biphenyl

Concen: 4.498 ng/ul

RT: 13.09 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

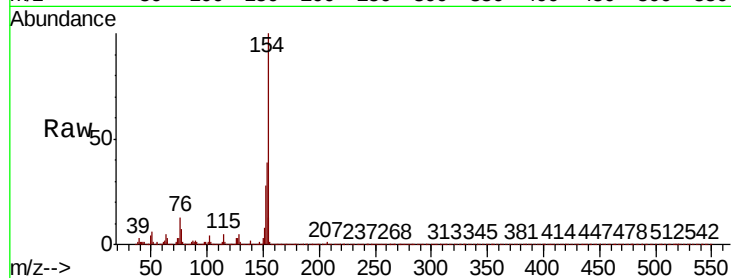
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:154 Resp: 203304

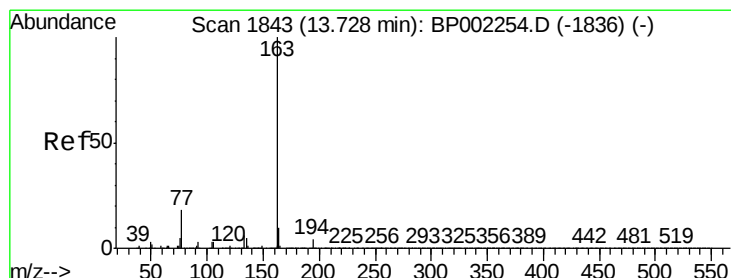
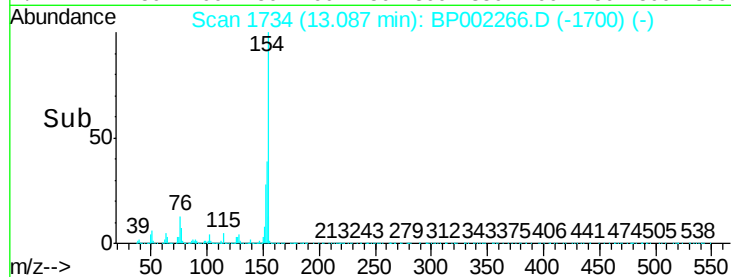
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.2  | 31.5  | 47.3  |
| 76  | 12.7  | 11.2  | 16.8  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0



#45

Dimethylphthalate

Concen: 7.393 ng/ul

RT: 13.72 min Scan# 1842

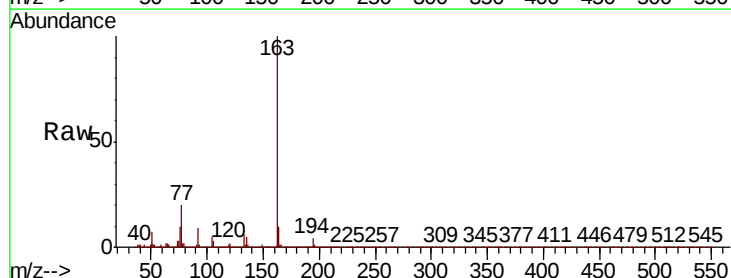
Delta R.T. -0.01 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

Tgt Ion:163 Resp: 337011

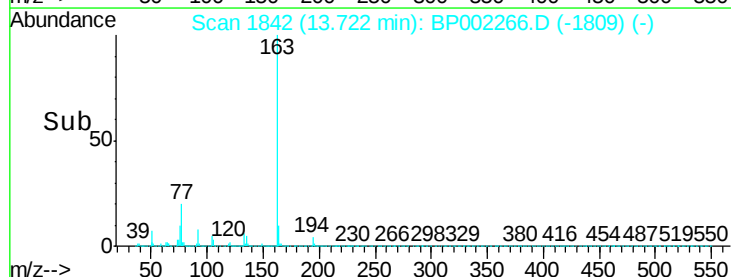
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.4   | 5.0   |
| 164 | 9.6   | 7.8   | 11.6  |

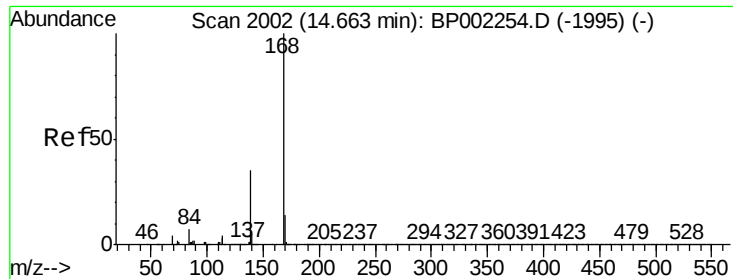


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 1.247 ng/ul

RT: 14.66 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

Instrument :

BNA\_P

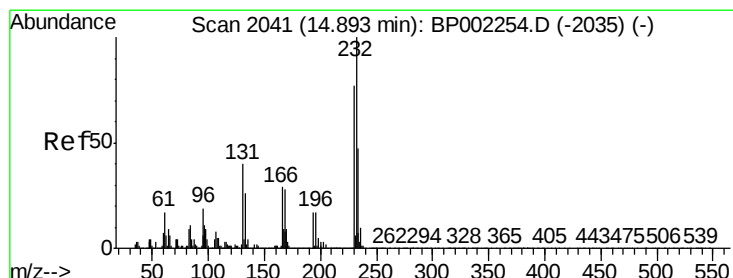
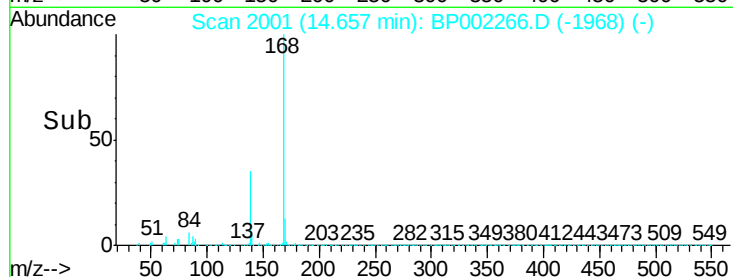
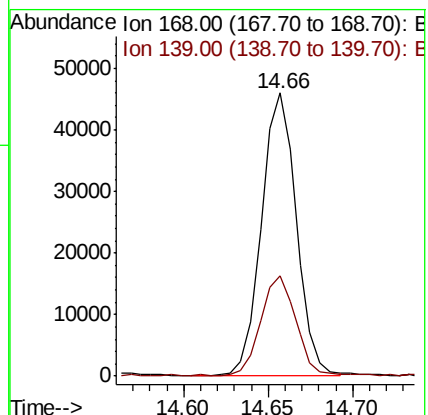
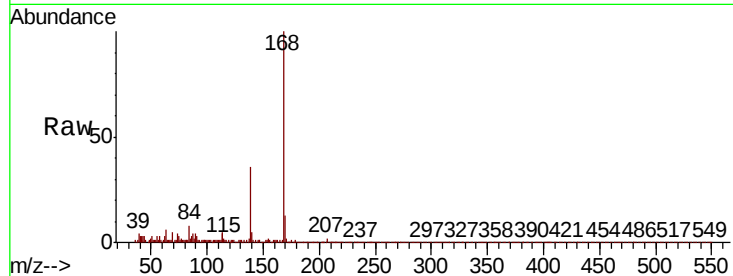
ClientSampled :

Tot Ion:168 Resp: 66082

Ion Ratio Lower Upper

168 100

139 35.6 27.9 41.9



#56

2,3,4,6-Tetrachlorophenol

Concen: 4.646 ng/ul

RT: 14.89 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

Tgt Ion:232 Resp: 52029

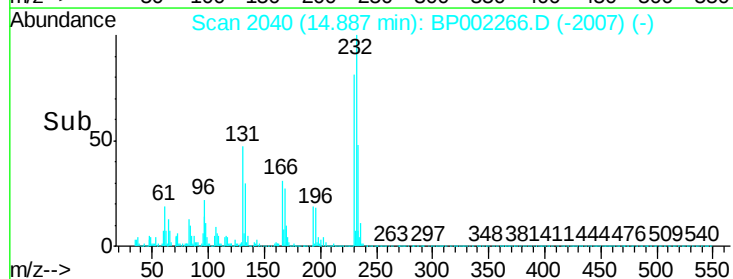
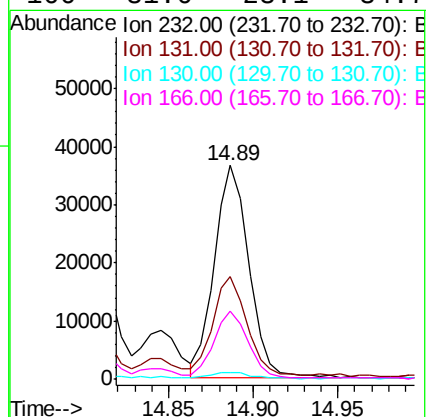
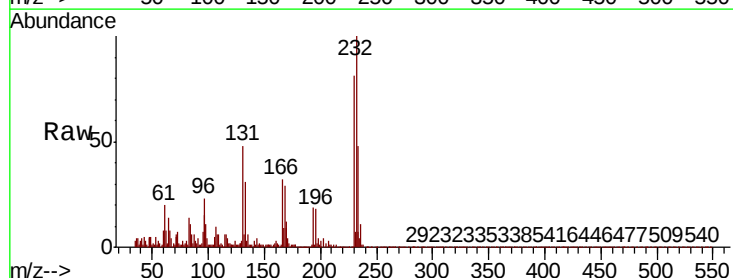
Ion Ratio Lower Upper

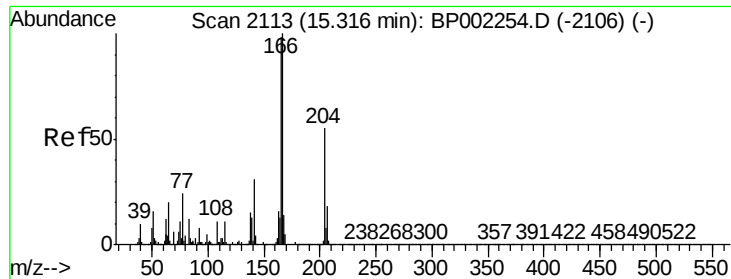
232 100

131 47.8 31.7 47.5#

130 2.8 1.8 2.8#

166 31.6 23.1 34.7





#59

Fluorene

Concen: 1.236 ng/ul

RT: 15.31 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

Instrument :

BNA\_P

ClientSampleId :

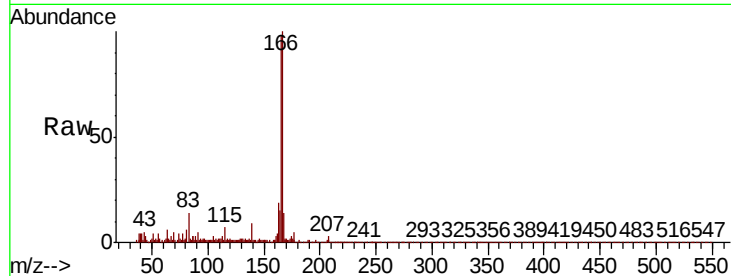
Tot Ion:166 Resp: 49145

Ion Ratio Lower Upper

166 100

165 97.6 78.5 117.7

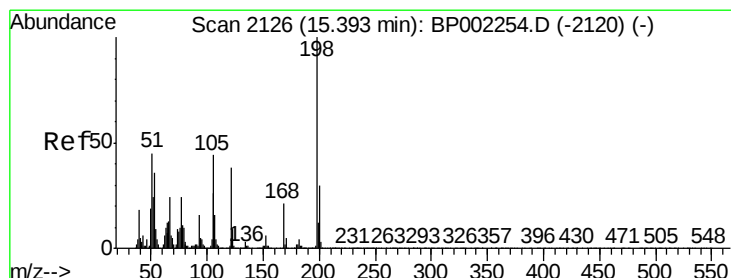
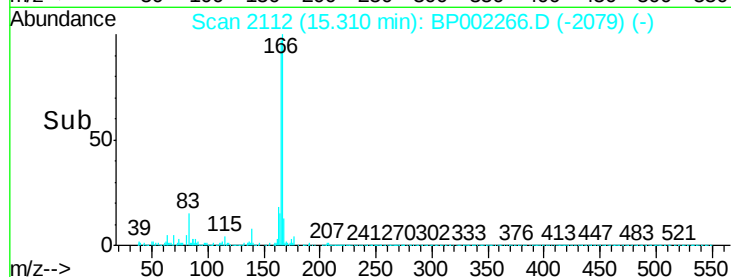
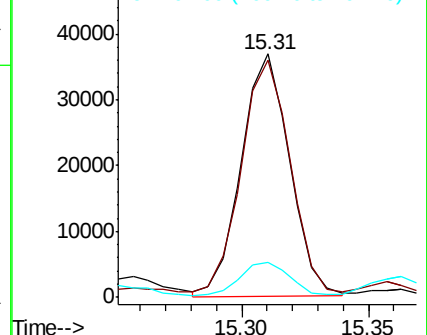
167 14.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 1.897 ng/ul

RT: 15.39 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

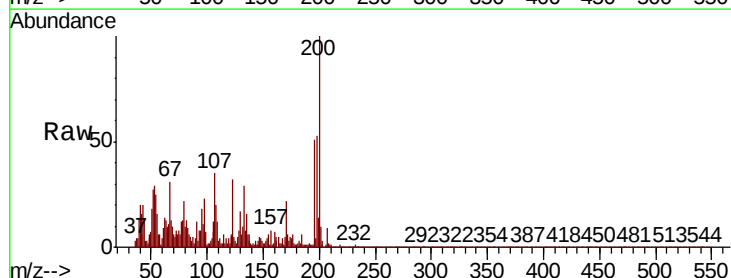
Tgt Ion:198 Resp: 10691

Ion Ratio Lower Upper

198 100

182 6.4 3.4 5.0#

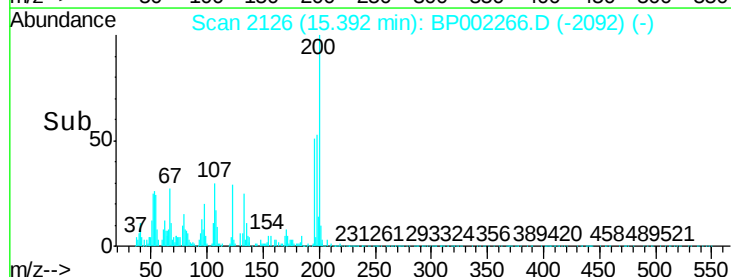
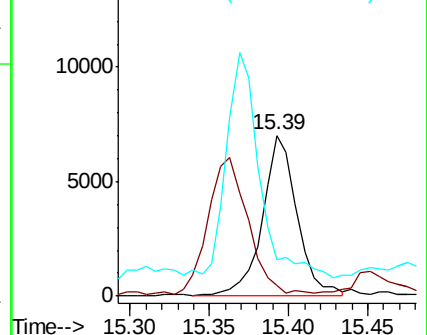
77 22.6 20.2 30.4

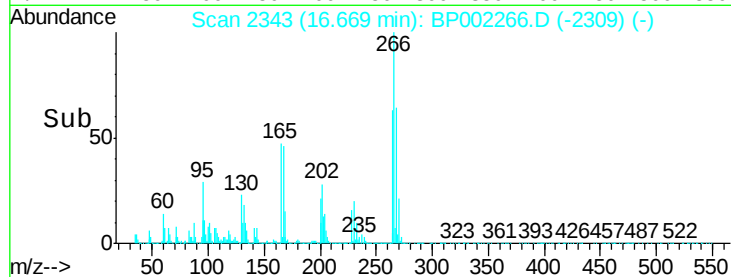
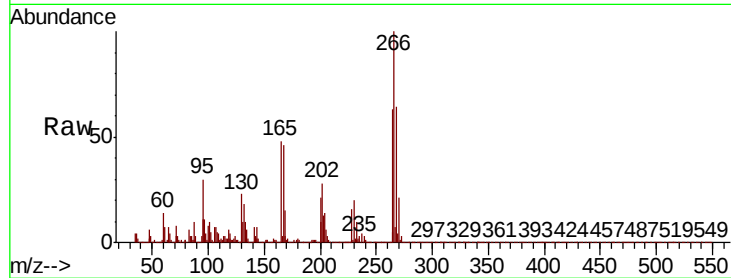
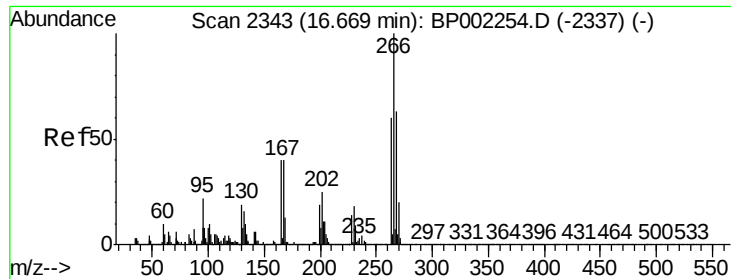


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BP0





#69

Pentachlorophenol

Concen: 223.923 ng/ul

RT: 16.67 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BP002266.D

Acq: 12 May 2020 23:42

Instrument :

BNA\_P

ClientSampleId :

Tot Ion:266 Resp: 1704922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 63.0  | 48.4  | 72.6  |
| 268 | 63.7  | 50.1  | 75.1  |

