

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP021721\  
 Data File : BP004784.D  
 Acq On : 17 Feb 2021 21:23  
 Operator : CG/JU  
 Sample : M1379-20  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Feb 17 23:29:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 17 23:17:49 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 44767    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 166153   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.41 | 164  | 96229    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.17 | 188  | 201719   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.25 | 240  | 222262   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.56 | 264  | 233859   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 5989   | 5.17  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 98197  | 27.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 55568  | 29.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 85743  | 31.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.48  | 113 | 72710  | 25.72 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.92  | 128 | 39473  | 34.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 45520  | 36.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 77539  | 30.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 93078  | 32.90 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.82 | 166 | 227636 | 32.59 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.10 | 160 | 288296 | 33.93 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.63 | 143 | 35584  | 29.15 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.41 | 176 | 196179 | 32.77 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 36826  | 30.20 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.26 | 188 | 303916 | 34.16 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.50 | 212 | 355849 | 34.20 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.41 | 264 | 399922 | 33.80 | ng/ul | 0.00 |

## Target Compounds

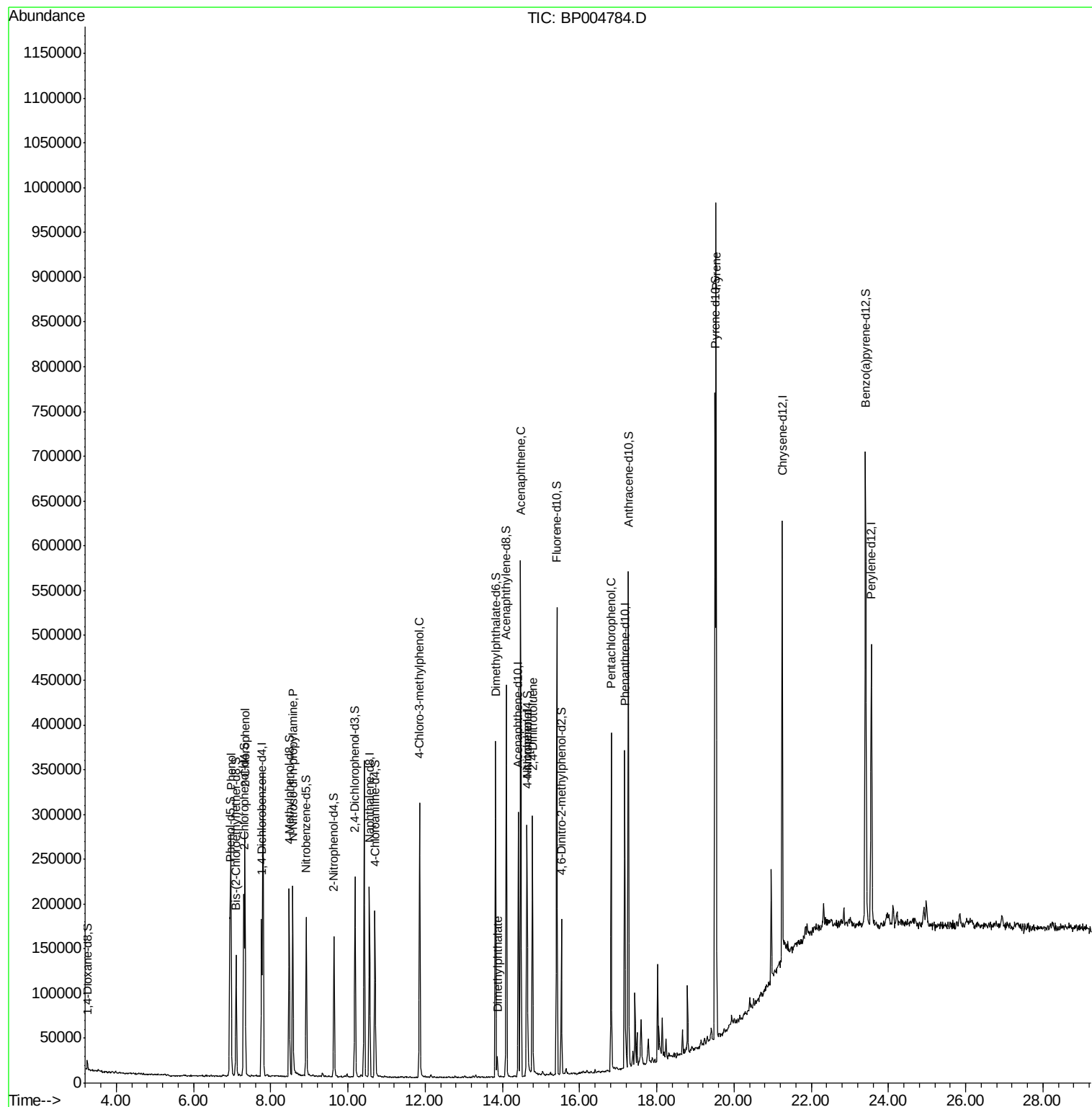
|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                      | 6.97  | 94  | 136167 | 36.348 | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.33  | 128 | 109385 | 38.175 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.57  | 70  | 76603  | 34.783 | ng/ul 95  |
| 33) 4-Chloro-3-methylphenol    | 11.86 | 107 | 102688 | 34.724 | ng/ul 96  |
| 45) Dimethylphthalate          | 13.87 | 163 | 12123  | 1.683  | ng/ul# 95 |
| 50) Acenaphthene               | 14.47 | 153 | 226377 | 37.994 | ng/ul 99  |
| 53) 4-Nitrophenol              | 14.64 | 109 | 47601  | 34.595 | ng/ul 89  |
| 55) 2,4-Dinitrotoluene         | 14.78 | 165 | 79518  | 39.910 | ng/ul 99  |
| 69) Pentachlorophenol          | 16.82 | 266 | 60687  | 41.840 | ng/ul 97  |
| 80) Pyrene                     | 19.53 | 202 | 517898 | 38.365 | ng/ul 98  |

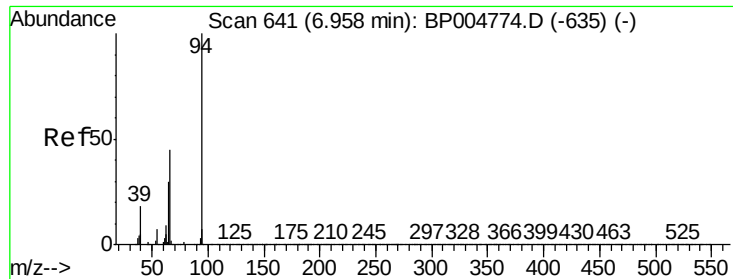
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 17 23:17:49 2021  
Response via : Initial Calibration





#6

Phenol

Concen: 36.348 ng/ul

RT: 6.97 min Scan# 643

Delta R.T. 0.01 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

Instrument :

BNA\_P

ClientSampleId :

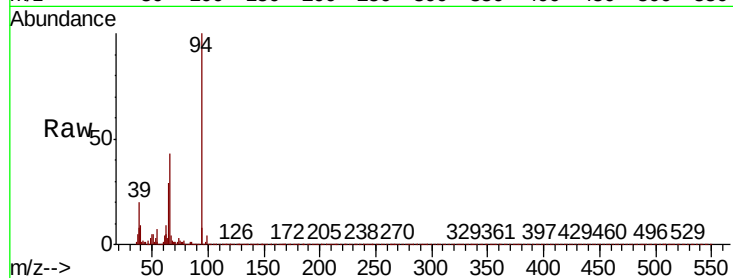
Tot Ion: 94 Resp: 136167

Ion Ratio Lower Upper

94 100

65 29.2 24.8 37.2

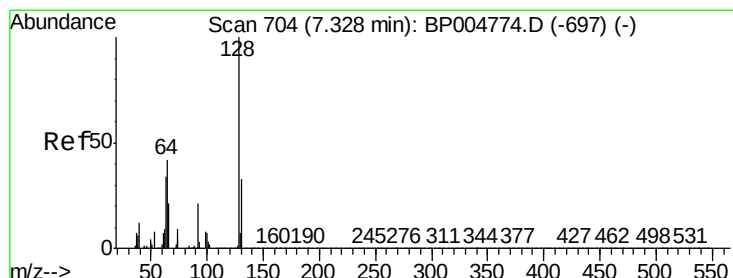
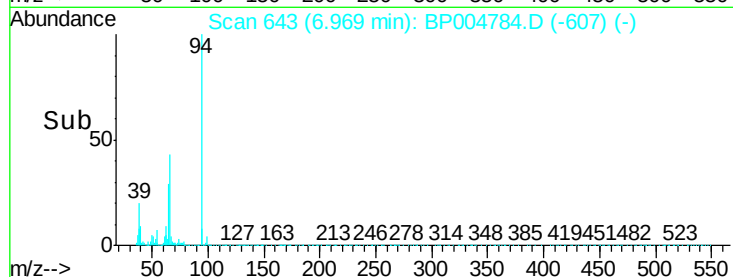
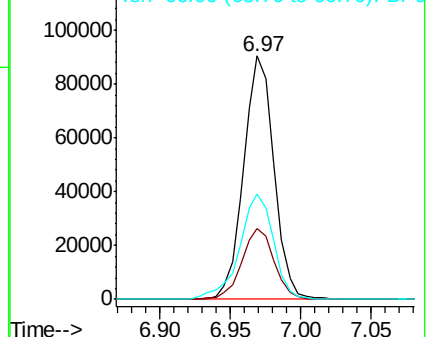
66 43.4 38.1 57.1



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#10

2-Chlorophenol

Concen: 38.175 ng/ul

RT: 7.33 min Scan# 705

Delta R.T. -0.00 min

Lab File: BP004784.D

Acq: 17 Feb 2021 21:23

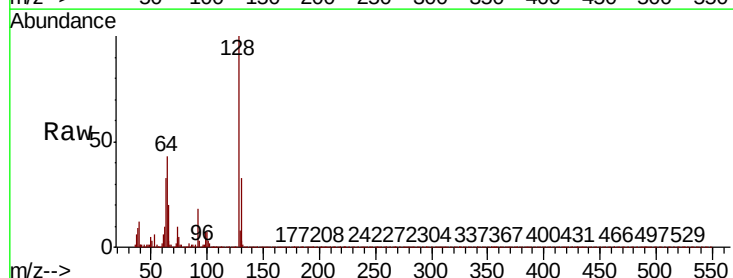
Tgt Ion: 128 Resp: 109385

Ion Ratio Lower Upper

128 100

64 42.8 35.8 53.8

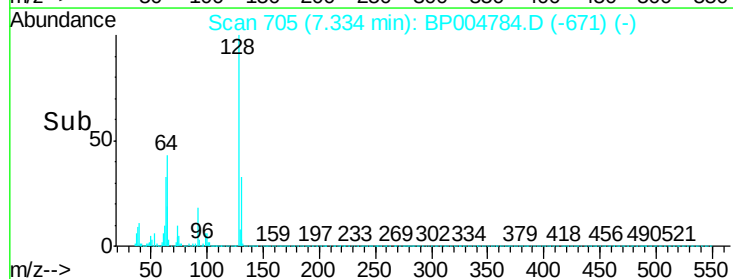
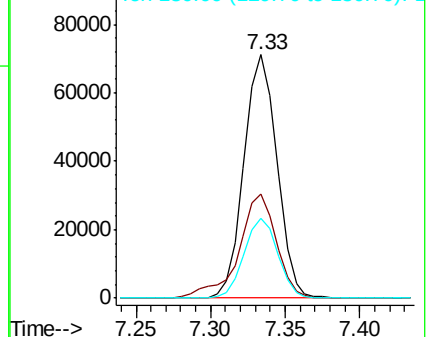
130 32.9 27.0 40.6

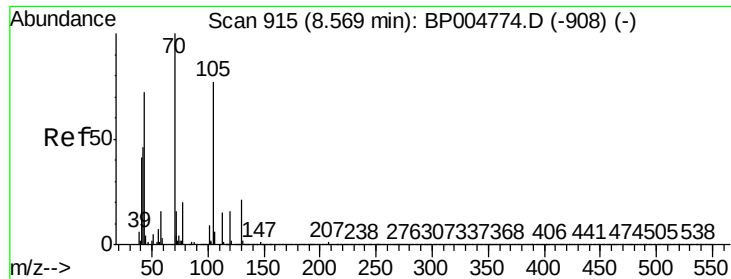


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 130.00 (129.70 to 130.70): E

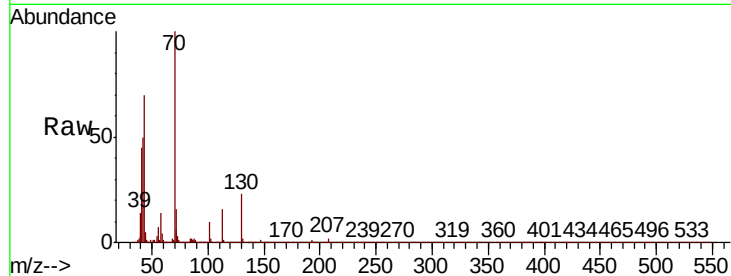




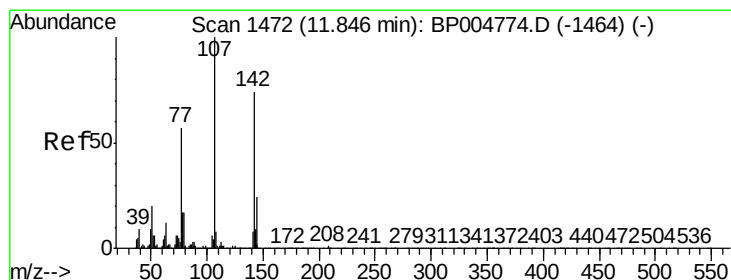
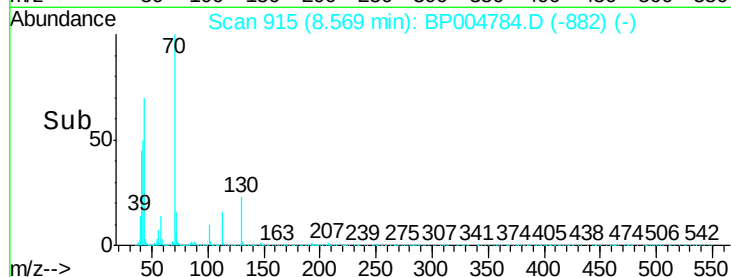
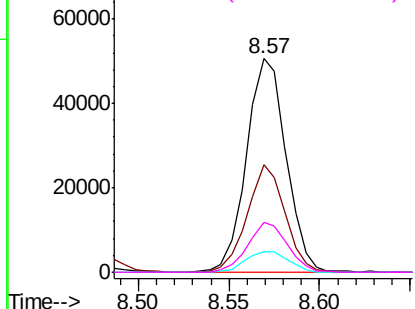
#15  
N-Nitroso-di-n-propylamine  
Concen: 34.783 ng/ul  
RT: 8.57 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 76603 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 50.5  | 37.6  | 56.4  |
| 101      | 9.5   | 8.5   | 12.7  |
| 130      | 23.3  | 15.9  | 23.9  |

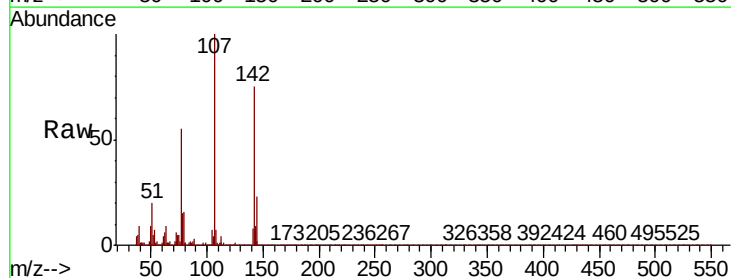


Abundance Ion 70.00 (69.70 to 70.70): BP0  
Ion 42.00 (41.70 to 42.70): BP0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

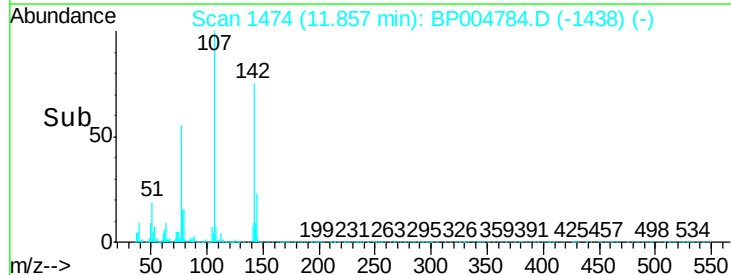
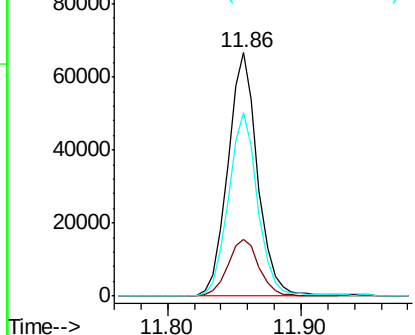


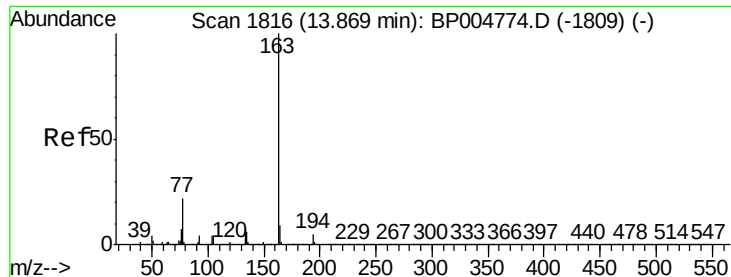
#33  
4-Chloro-3-methylphenol  
Concen: 34.724 ng/ul  
RT: 11.86 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 102688 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 23.1  | 19.1  | 28.7   |
| 142      | 75.2  | 57.0  | 85.6   |



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

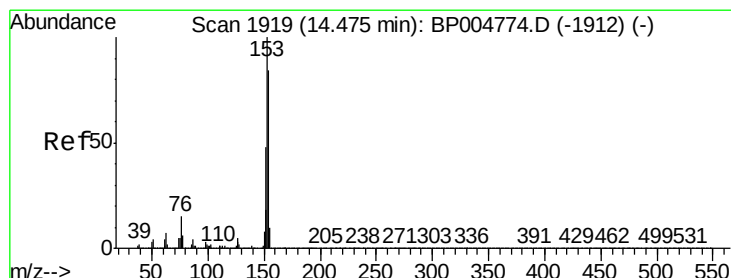
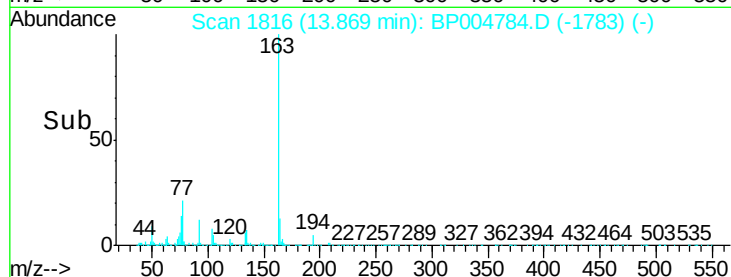
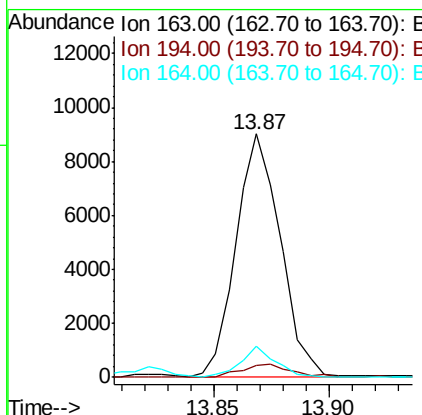
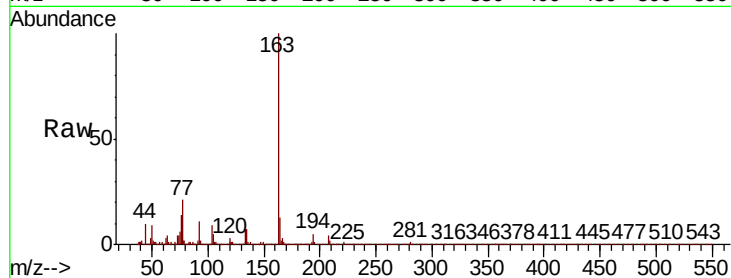




#45  
Dimethylphthalate  
Concen: 1.683 ng/ul  
RT: 13.87 min Scan# 1816  
Delta R.T. -0.01 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

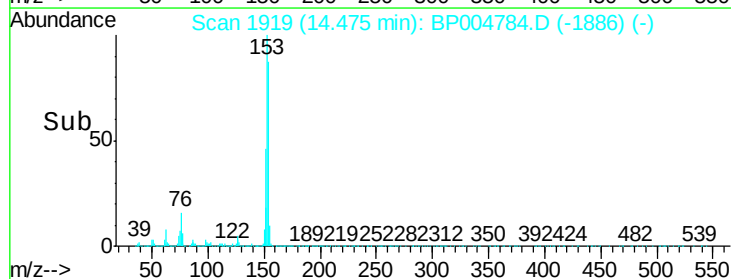
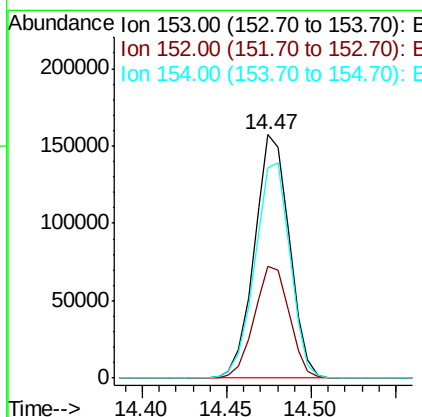
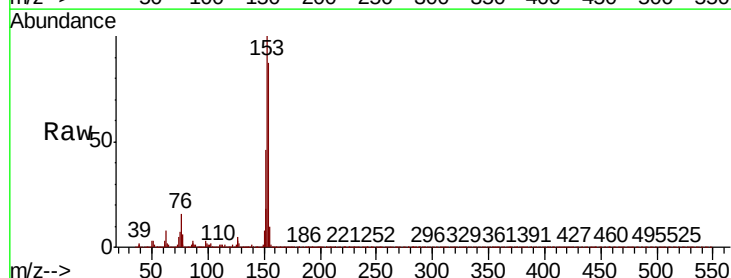
Instrument :  
BNA\_P  
ClientSampleId :

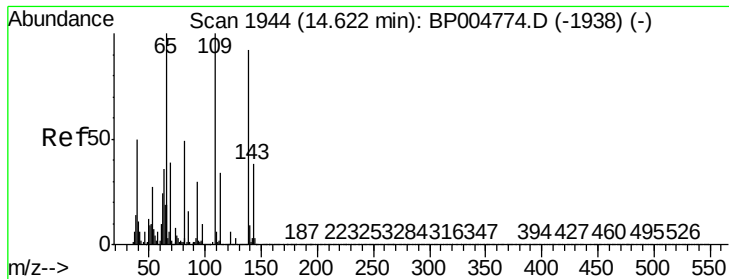
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.8   | 3.8   | 5.6   |
| 164     | 12.6  | 8.0   | 12.0# |



#50  
Acenaphthene  
Concen: 37.994 ng/ul  
RT: 14.47 min Scan# 1919  
Delta R.T. -0.01 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 45.9  | 37.0  | 55.4  |
| 154     | 86.7  | 70.1  | 105.1 |

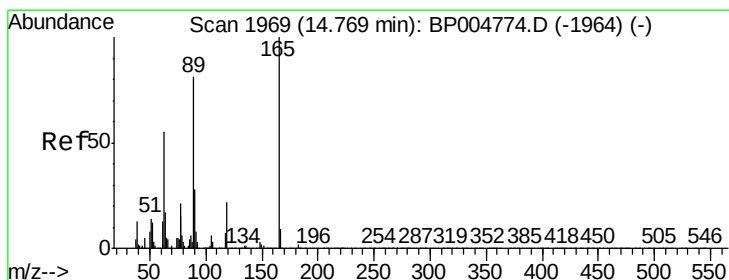
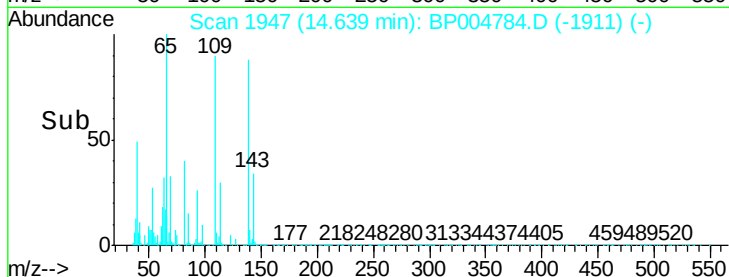
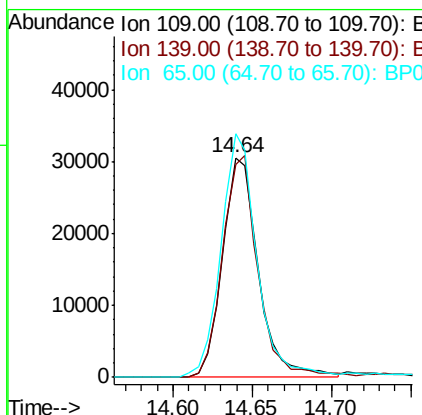
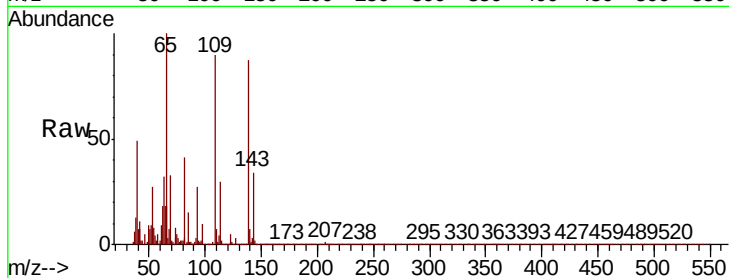




#53  
4-Nitrophenol  
Concen: 34.595 ng/ul  
RT: 14.64 min Scan# 1947  
Delta R.T. 0.01 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

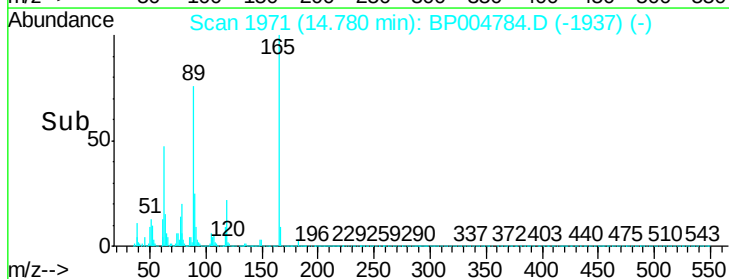
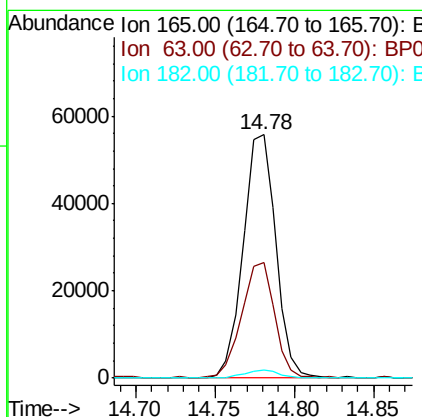
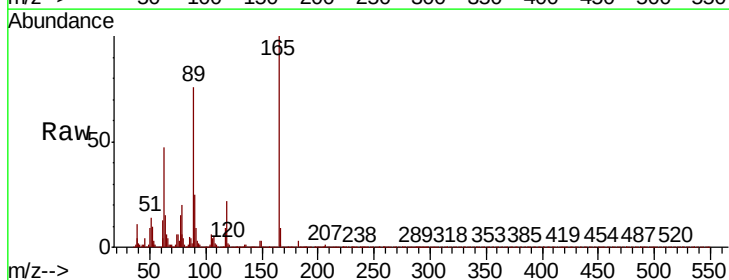
Instrument :  
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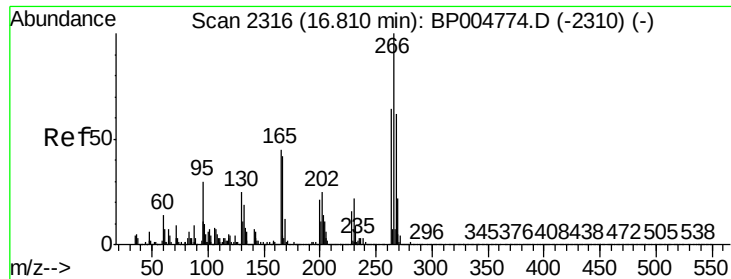
Tot Ion:109 Resp: 47601  
Ion Ratio Lower Upper  
109 100  
139 96.8 68.9 103.3  
65 110.8 79.8 119.8



#55  
2,4-Dinitrotoluene  
Concen: 39.910 ng/ul  
RT: 14.78 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: BP004784.D  
Acq: 17 Feb 2021 21:23

Tgt Ion:165 Resp: 79518  
Ion Ratio Lower Upper  
165 100  
63 47.5 38.2 57.4  
182 3.5 2.6 4.0

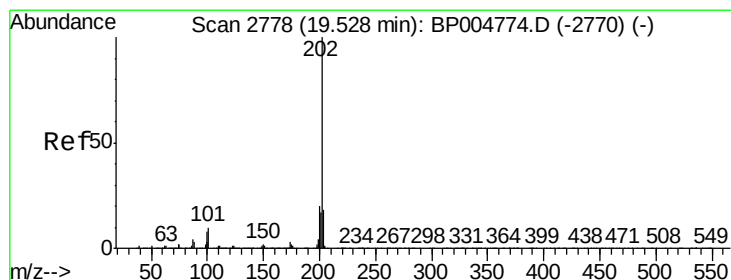
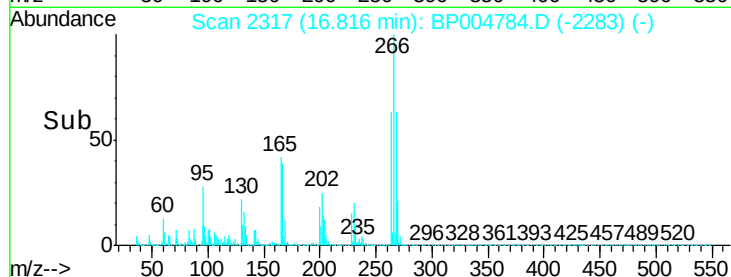
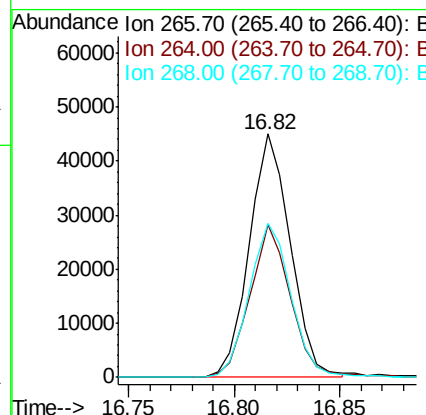
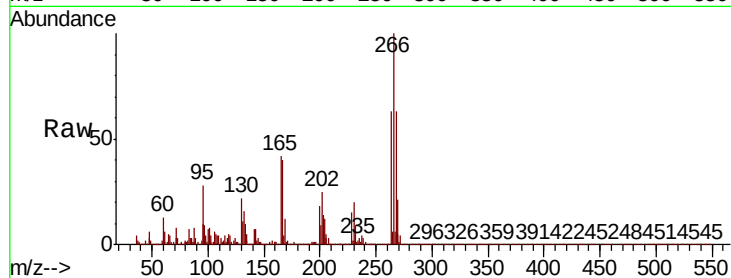




#69  
 Pentachlorophenol  
 Concen: 41.840 ng/ul  
 RT: 16.82 min Scan# 2317  
 Delta R.T. -0.00 min  
 Lab File: BP004784.D  
 Acq: 17 Feb 2021 21:23

Instrument :  
 BNA\_P  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.0  | 47.7  | 71.5  |
| 268     | 63.1  | 51.4  | 77.0  |



#80  
 Pyrene  
 Concen: 38.365 ng/ul  
 RT: 19.53 min Scan# 2779  
 Delta R.T. -0.01 min  
 Lab File: BP004784.D  
 Acq: 17 Feb 2021 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.4   | 8.0   | 12.0  |
| 100     | 7.8   | 6.9   | 10.3  |

