

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP030220\  
 Data File : BP002017.D  
 Acq On : 03 Mar 2020 10:45  
 Operator : CG/JU  
 Sample : L1617-02MS  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBDR7MS

Quant Time: Mar 04 05:51:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 03 05:31:15 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 285927   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 1204001  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 761631   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 1636418  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.12 | 240  | 1590583  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1790588  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 41702   | 6.27  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 753922  | 34.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 432265  | 37.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 667754  | 35.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 617833  | 34.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 320161  | 34.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 350567  | 33.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 656590  | 32.76 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 559566  | 25.47 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 1939917 | 33.66 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 2366623 | 34.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 274474  | 24.91 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 1728515 | 34.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 214282  | 23.75 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 2568018 | 34.92 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.37 | 212 | 2902281 | 34.86 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 3163468 | 34.53 | ng/ul | 0.00 |

## Target Compounds

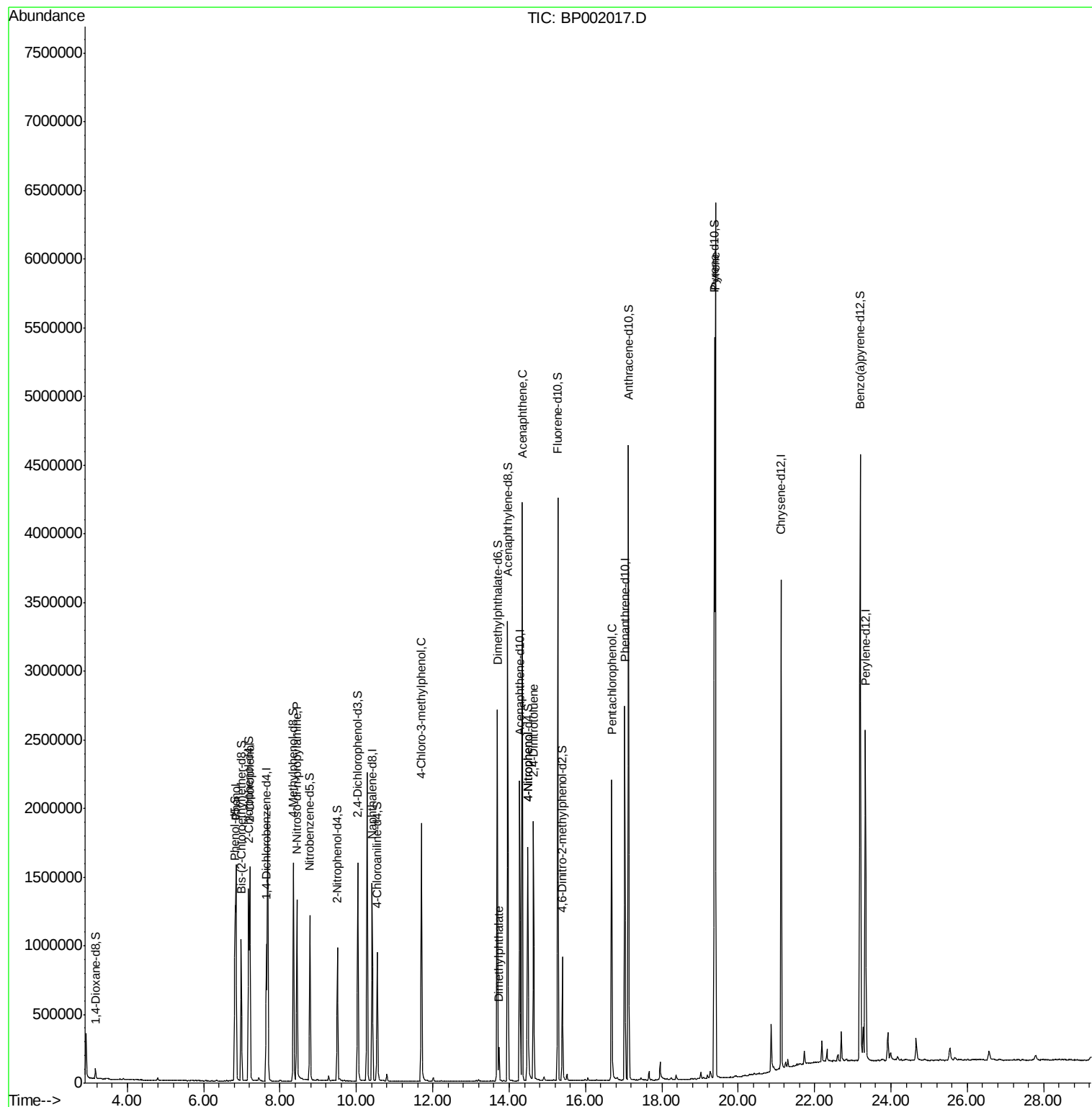
|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.85  | 94  | 884303  | 39.055 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.20  | 128 | 730156  | 37.747 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 505835  | 40.159 | ng/ul 96  |
| 33) 4-Chloro-3-methylphenol    | 11.70 | 107 | 694377  | 35.065 | ng/ul 99  |
| 45) Dimethylphthalate          | 13.73 | 163 | 166110  | 2.792  | ng/ul 100 |
| 50) Acenaphthene               | 14.34 | 153 | 1727296 | 35.148 | ng/ul 98  |
| 53) 4-Nitrophenol              | 14.49 | 109 | 249142  | 31.307 | ng/ul 98  |
| 55) 2,4-Dinitrotoluene         | 14.64 | 165 | 593312  | 34.307 | ng/ul 96  |
| 69) Pentachlorophenol          | 16.69 | 266 | 428034  | 32.551 | ng/ul 99  |
| 80) Pyrene                     | 19.40 | 202 | 3837989 | 35.440 | ng/ul 100 |

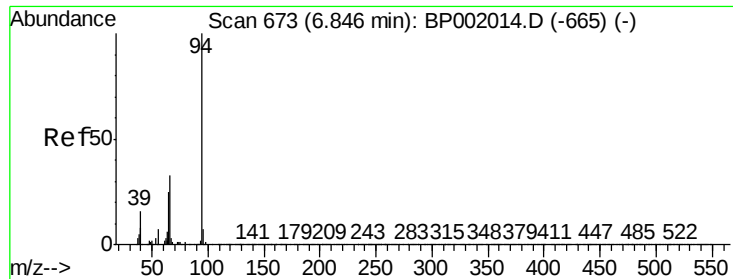
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration





#6

Phenol

Concen: 39.055 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

Instrument :

BNA\_P

ClientSampleId :

DBDR7MS

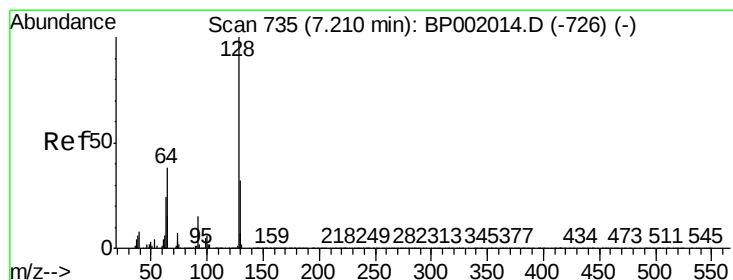
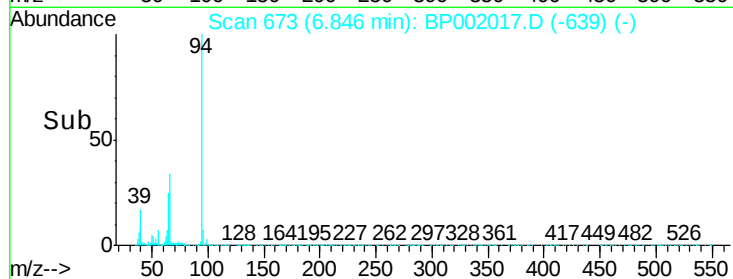
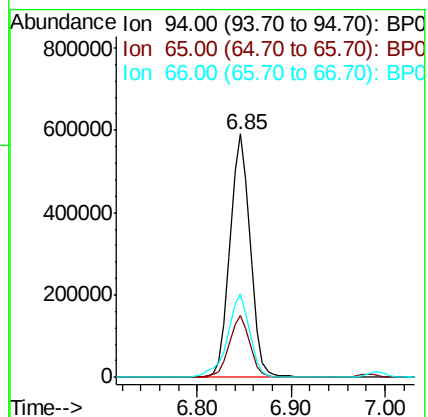
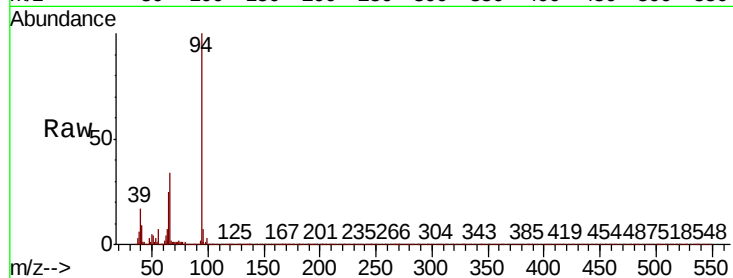
Tot Ion: 94 Resp: 884303

Ion Ratio Lower Upper

94 100

65 25.3 20.6 30.8

66 34.1 28.2 42.2



#10

2-Chlorophenol

Concen: 37.747 ng/ul

RT: 7.20 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

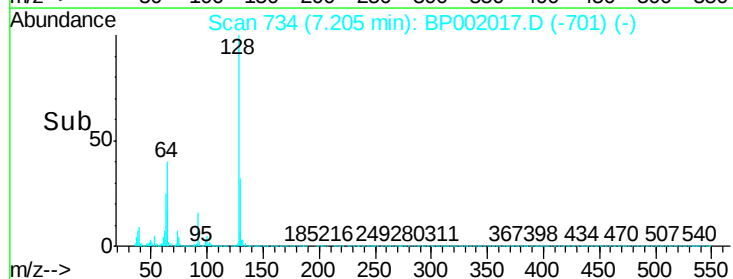
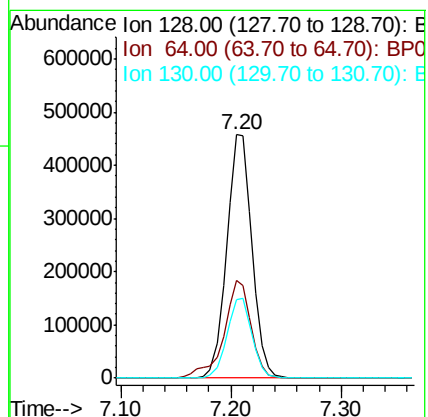
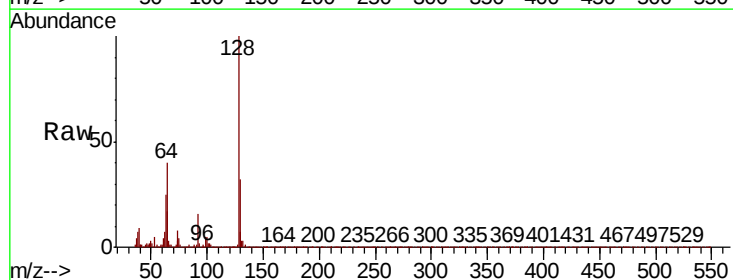
Tgt Ion: 128 Resp: 730156

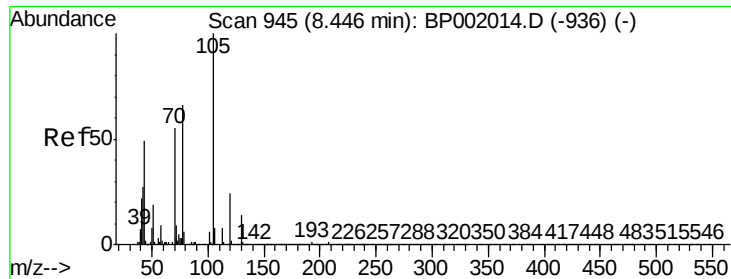
Ion Ratio Lower Upper

128 100

64 40.2 31.5 47.3

130 32.1 26.3 39.5

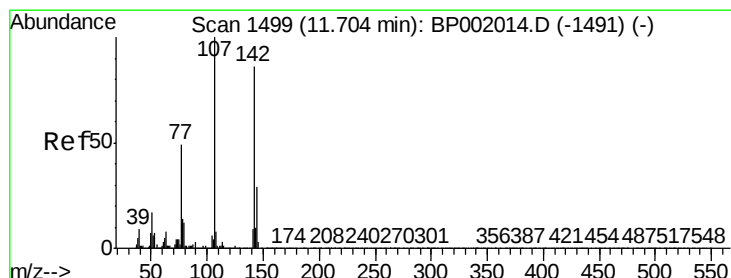
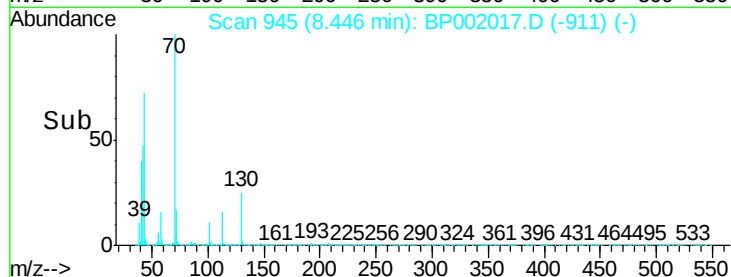
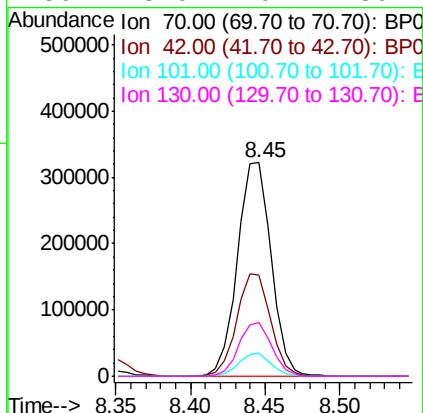
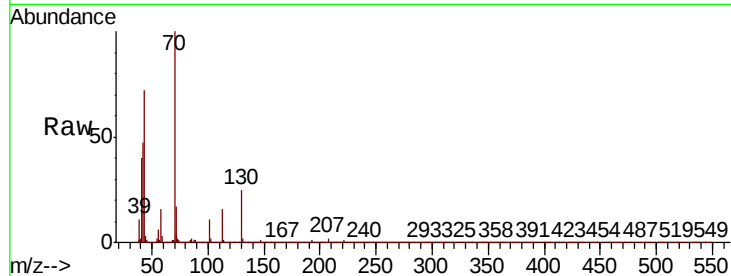




#15  
N-Nitroso-di-n-propylamine  
Concen: 40.159 ng/ul  
RT: 8.45 min Scan# 945  
Delta R.T. 0.00 min  
Lab File: BP002017.D  
Acq: 03 Mar 2020 10:45

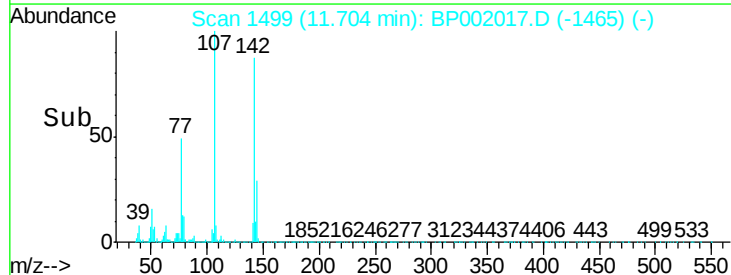
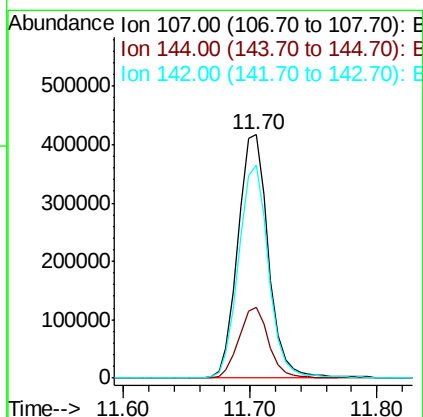
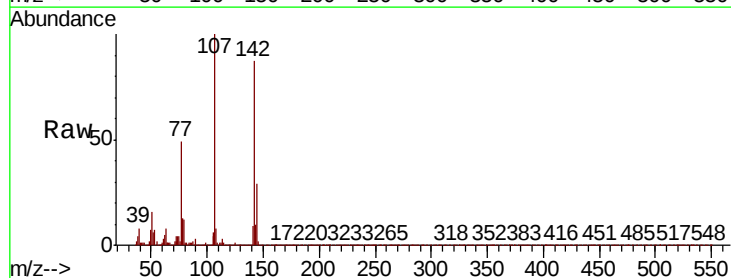
Instrument :  
BNA\_P  
ClientSampleId :  
DBDR7MS

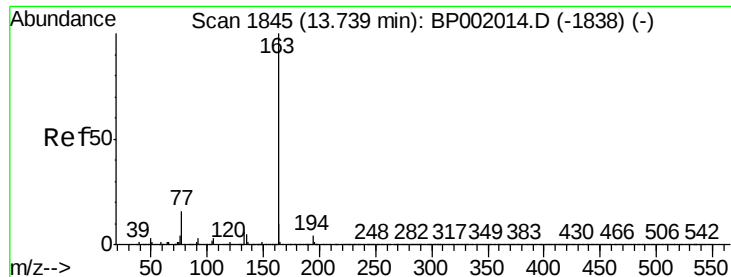
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 505835 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.4  | 41.7  | 62.5   |
| 101      | 10.6  | 8.1   | 12.1   |
| 130      | 25.0  | 20.1  | 30.1   |



#33  
4-Chloro-3-methylphenol  
Concen: 35.065 ng/ul  
RT: 11.70 min Scan# 1499  
Delta R.T. 0.00 min  
Lab File: BP002017.D  
Acq: 03 Mar 2020 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 694377 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 29.1  | 22.8  | 34.2   |
| 142      | 87.3  | 69.0  | 103.6  |

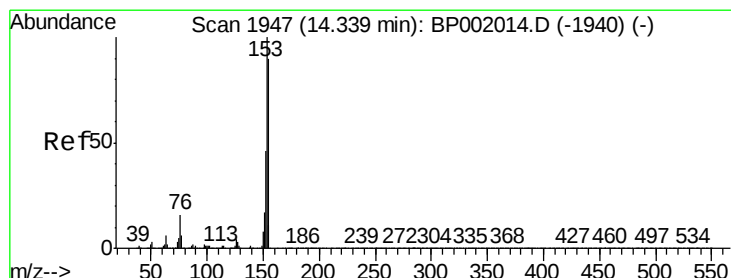
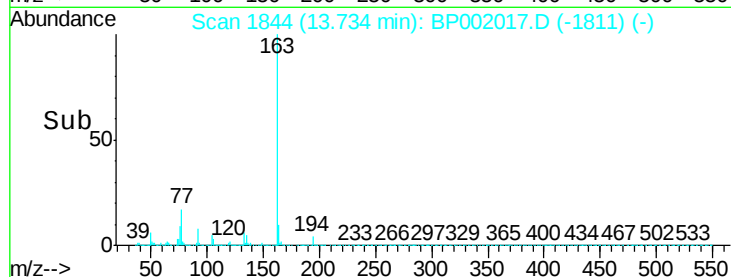
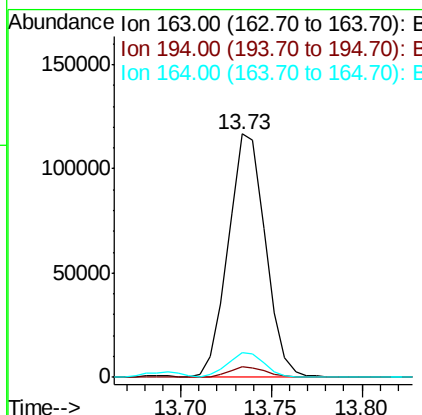
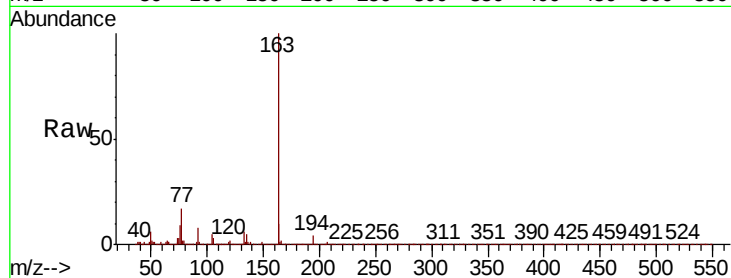




#45  
Dimethylphthalate  
Concen: 2.792 ng/ul  
RT: 13.73 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BP002017.D  
Acq: 03 Mar 2020 10:45

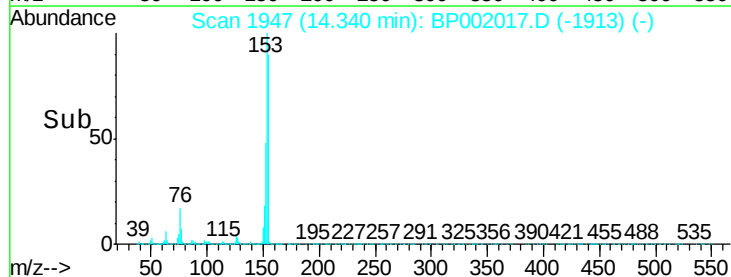
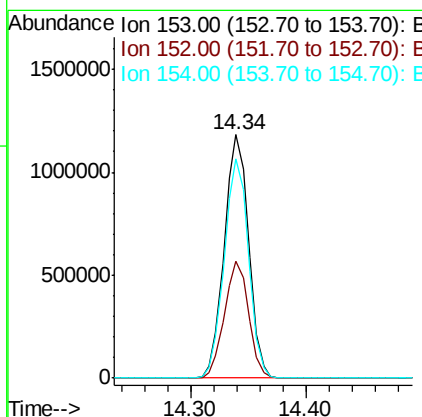
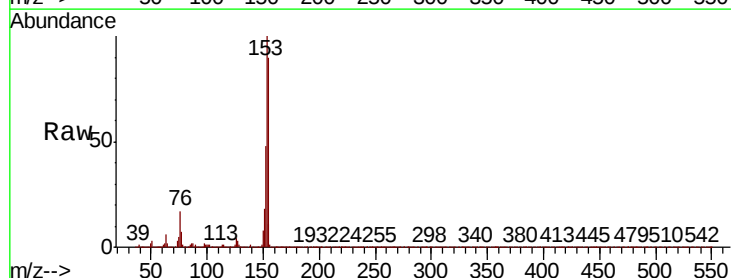
Instrument :  
BNA\_P  
ClientSampleId :  
DBDR7MS

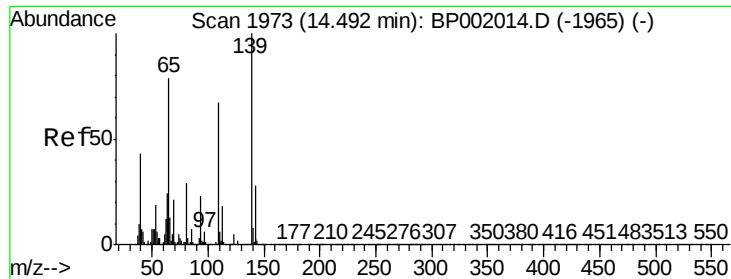
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.5   | 3.6   | 5.4   |
| 164     | 10.3  | 8.2   | 12.4  |



#50  
Acenaphthene  
Concen: 35.148 ng/ul  
RT: 14.34 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: BP002017.D  
Acq: 03 Mar 2020 10:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 48.1  | 37.1  | 55.7  |
| 154     | 90.0  | 70.5  | 105.7 |





#53

4-Nitrophenol

Concen: 31.307 ng/ul

RT: 14.49 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

Instrument :

BNA\_P

ClientSampleId :

DBDR7MS

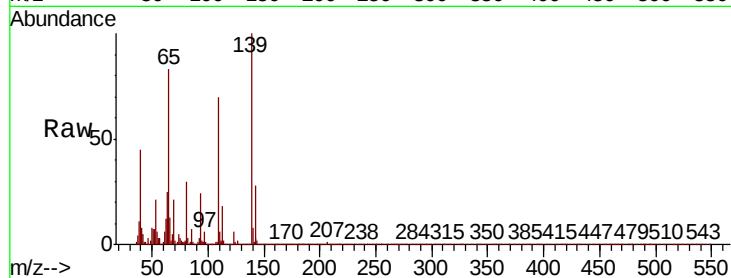
Tot Ion:109 Resp: 249142

Ion Ratio Lower Upper

109 100

139 142.7 117.2 175.8

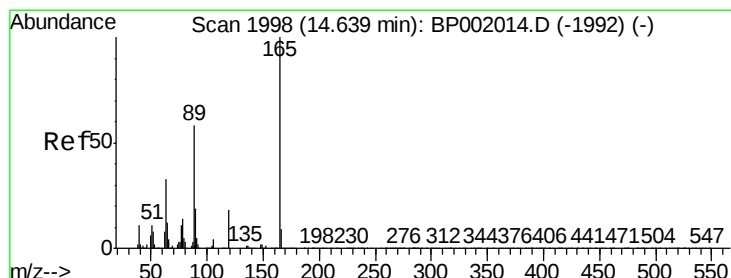
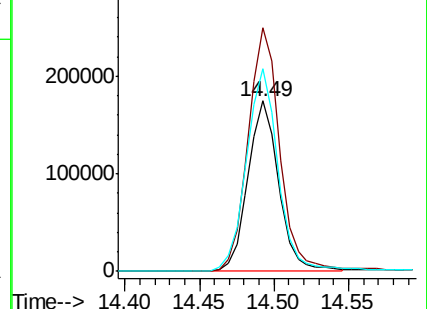
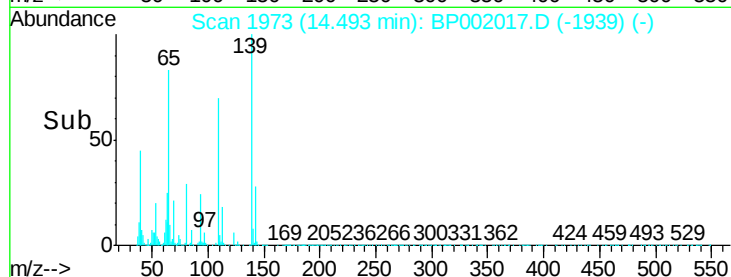
65 119.0 95.4 143.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0



#55

2,4-Dinitrotoluene

Concen: 34.307 ng/ul

RT: 14.64 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

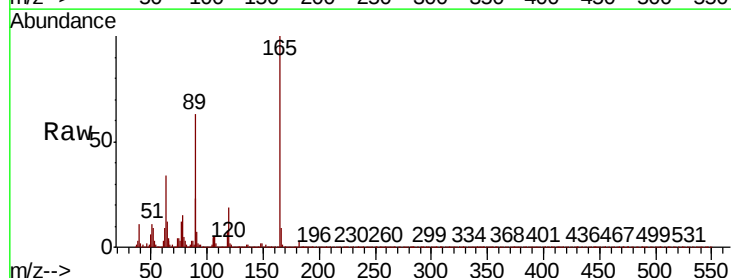
Tgt Ion:165 Resp: 593312

Ion Ratio Lower Upper

165 100

63 34.4 25.8 38.6

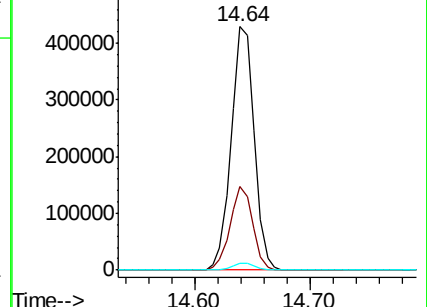
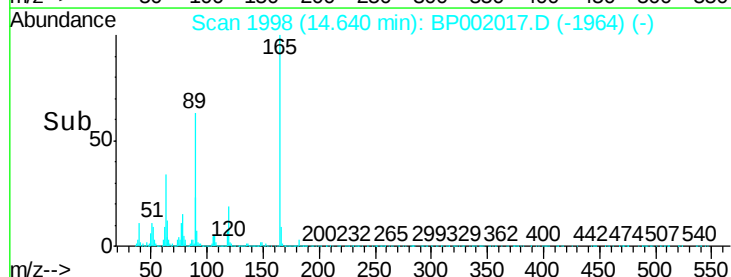
182 2.9 2.6 3.8

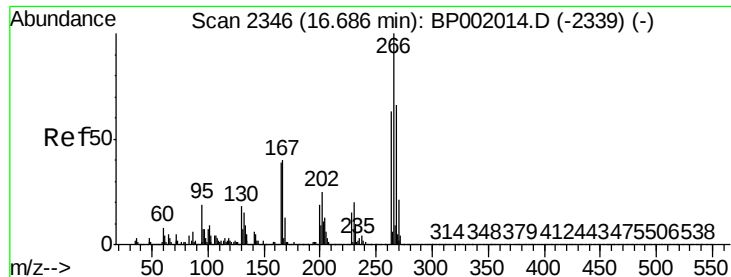


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 32.551 ng/ul

RT: 16.69 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

Instrument :

BNA\_P

ClientSampleId :

DBDR7MS

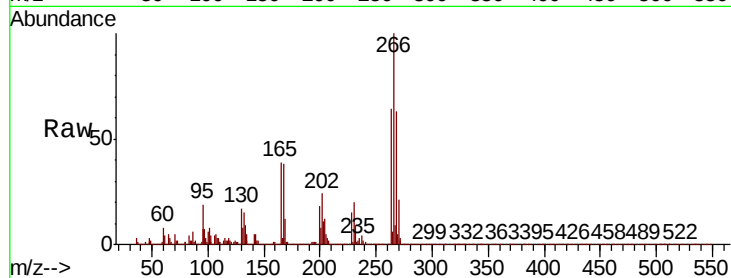
Tot Ion:266 Resp: 428034

Ion Ratio Lower Upper

266 100

264 64.0 50.1 75.1

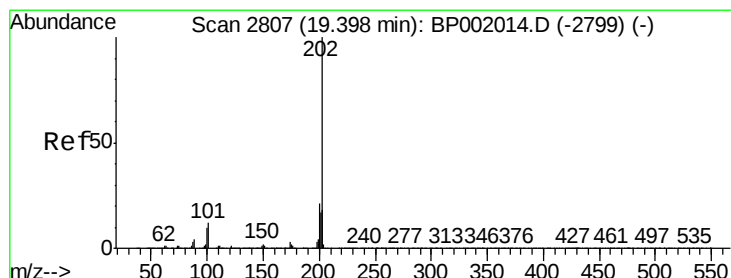
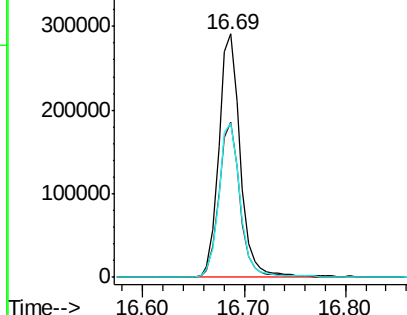
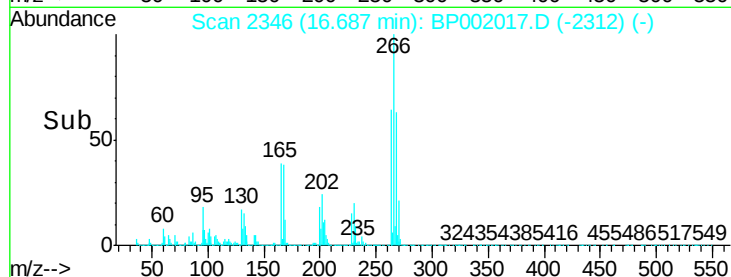
268 63.4 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 35.440 ng/ul

RT: 19.40 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BP002017.D

Acq: 03 Mar 2020 10:45

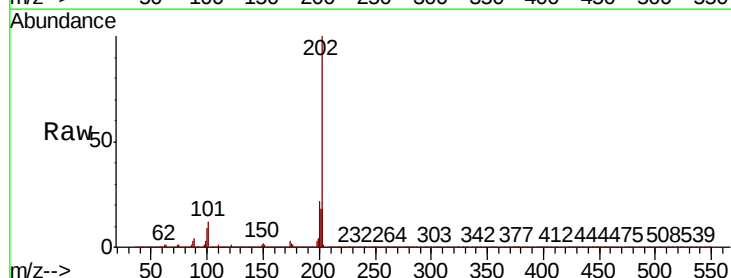
Tgt Ion:202 Resp: 3837989

Ion Ratio Lower Upper

202 100

101 11.7 9.3 13.9

100 9.2 7.6 11.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

