

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\  
 Data File : BN011541.D  
 Acq On : 21 Aug 2020 01:38  
 Operator : CG/JU  
 Sample : L3708-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFW5MS

Quant Time: Aug 21 03:16:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 21 03:13:08 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 145014   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.16 | 136  | 596872   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.06 | 164  | 359486   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.81 | 188  | 794911   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.03 | 240  | 865893   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.13 | 264  | 786976   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.11  | 96  | 19798   | 6.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.62  | 99  | 59056   | 5.76  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.78  | 67  | 138110  | 26.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.96  | 132 | 211885  | 23.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.13  | 113 | 114698  | 13.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.56  | 128 | 117037  | 25.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.27  | 143 | 130583  | 25.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 238914  | 24.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.33 | 131 | 21081   | 1.79  | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6       | 13.48 | 166 | 839325  | 29.99 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.74 | 160 | 904178  | 26.84 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 24669   | 5.20  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.06 | 176 | 692111  | 28.24 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 137268  | 26.04 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.91 | 188 | 1201832 | 31.65 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.22 | 212 | 1487597 | 33.44 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.00 | 264 | 1339697 | 30.65 | ng/ul | 0.00 |

## Target Compounds

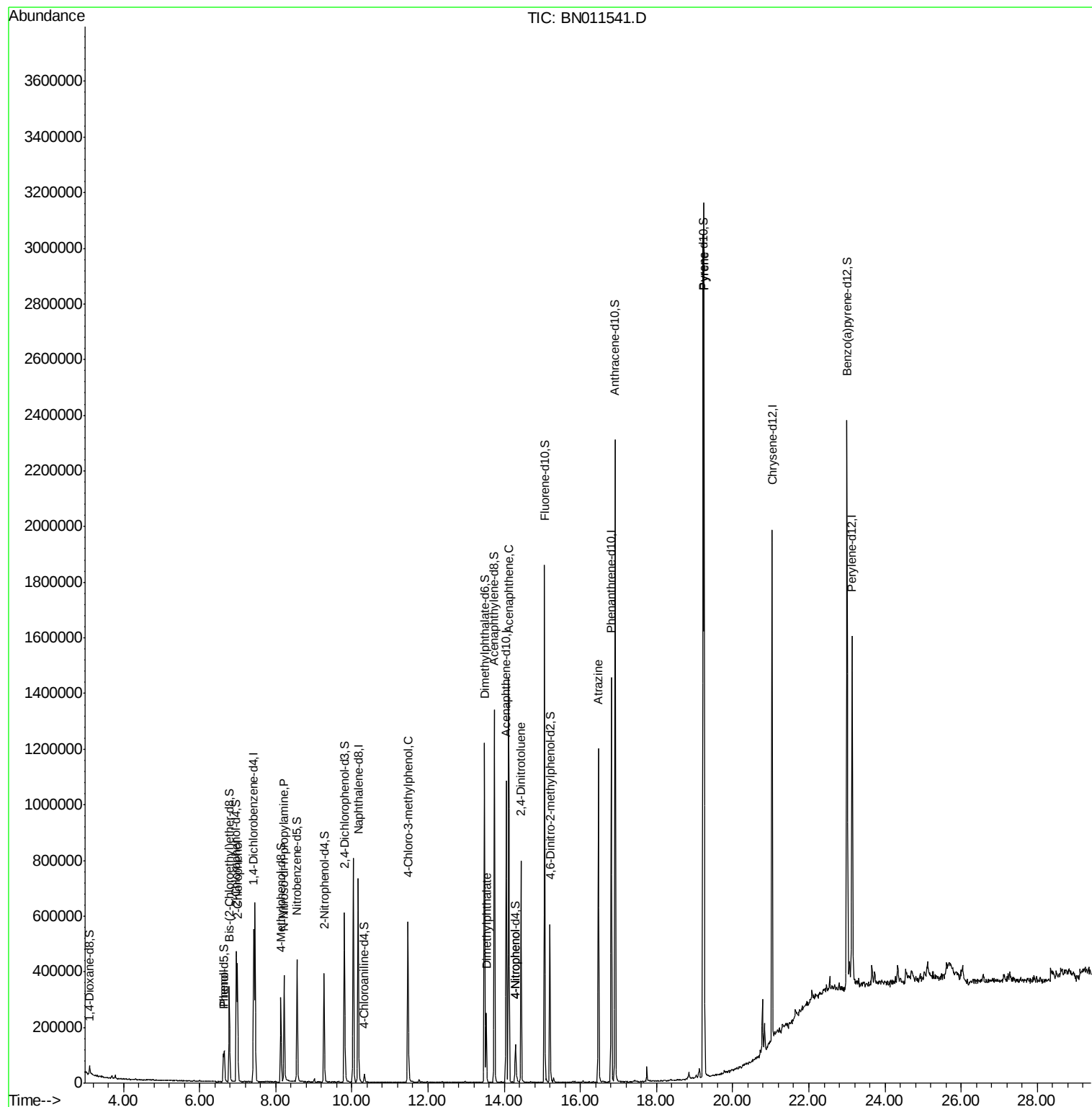
|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.65  | 94  | 64172   | 6.138  | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.00  | 128 | 198256  | 20.904 | ng/ul 97  |
| 15) N-Nitroso-di-n-propylamine | 8.22  | 70  | 161003  | 27.603 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.47 | 107 | 219611  | 23.163 | ng/ul 97  |
| 45) Dimethylphthalate          | 13.53 | 163 | 157436  | 5.479  | ng/ul 100 |
| 50) Acenaphthene               | 14.12 | 153 | 603478  | 24.708 | ng/ul 95  |
| 53) 4-Nitrophenol              | 14.30 | 109 | 22615   | 5.003  | ng/ul 87  |
| 55) 2,4-Dinitrotoluene         | 14.45 | 165 | 247532  | 30.593 | ng/ul 93  |
| 68) Atrazine                   | 16.47 | 200 | 35443   | 3.828  | ng/ul# 39 |
| 80) Pyrene                     | 19.25 | 202 | 1778858 | 29.194 | ng/ul 99  |

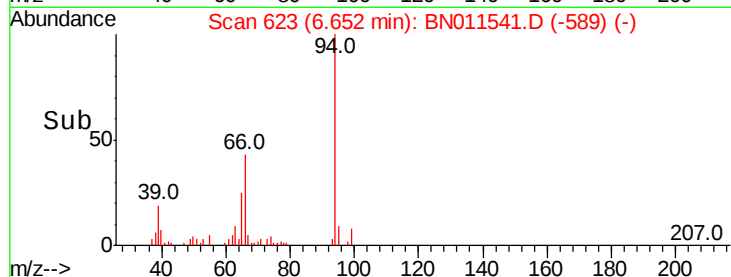
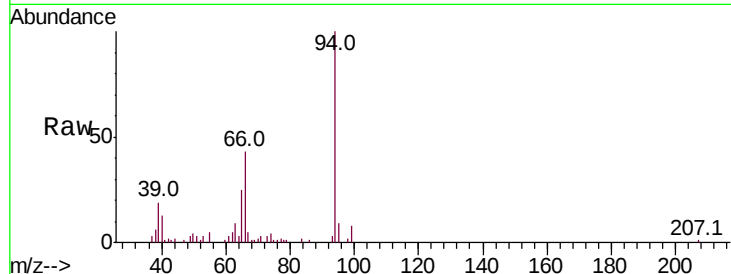
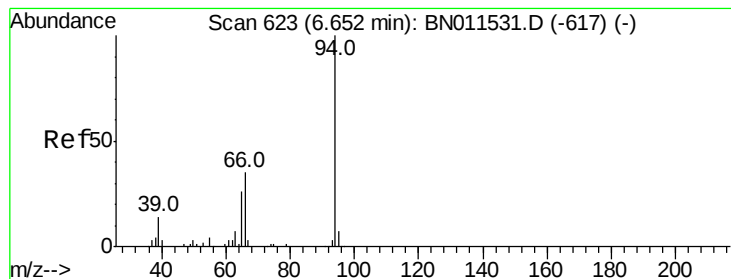
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082020\  
Data File : BN011541.D  
Acq On : 21 Aug 2020 01:38  
Operator : CG/JU  
Sample : L3708-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFW5MS

Quant Time: Aug 21 03:16:20 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 21 03:13:08 2020  
Response via : Initial Calibration





#6

Phenol

Concen: 6.138 ng/ul

RT: 6.65 min Scan# 623

Delta R.T. -0.00 min

Lab File: BN011541.D

Acq: 21 Aug 2020 01:38

Instrument :

BNA\_N

ClientSampleId :

DBFW5MS

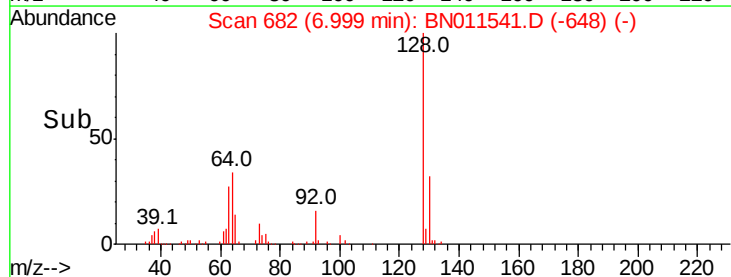
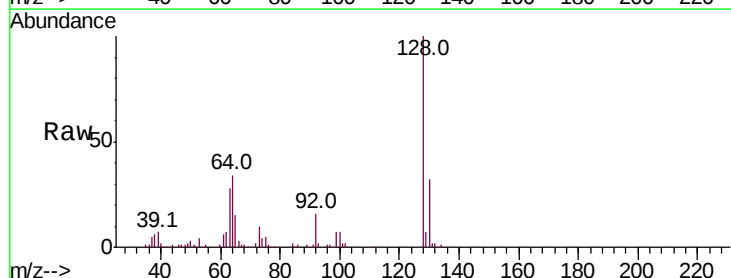
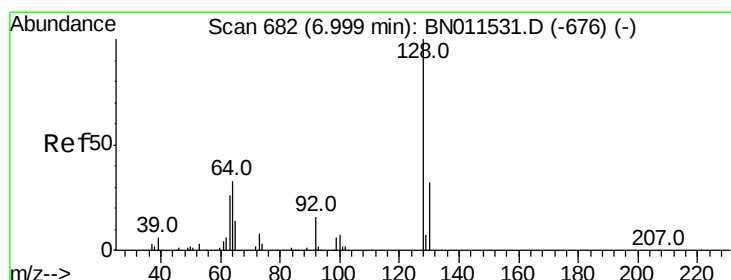
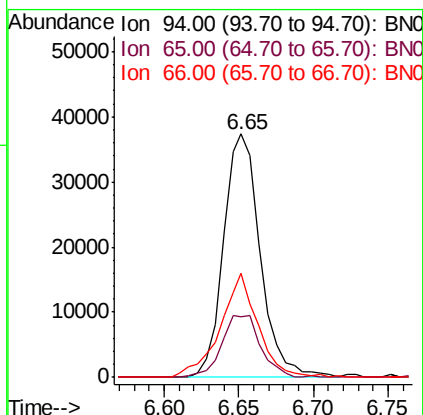
Tot Ion: 94 Resp: 64172

Ion Ratio Lower Upper

94 100

65 24.8 22.1 33.1

66 42.5 32.1 48.1



#10

2-Chlorophenol

Concen: 20.904 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.00 min

Lab File: BN011541.D

Acq: 21 Aug 2020 01:38

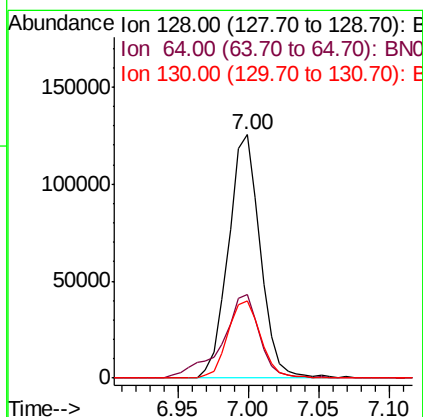
Tgt Ion:128 Resp: 198256

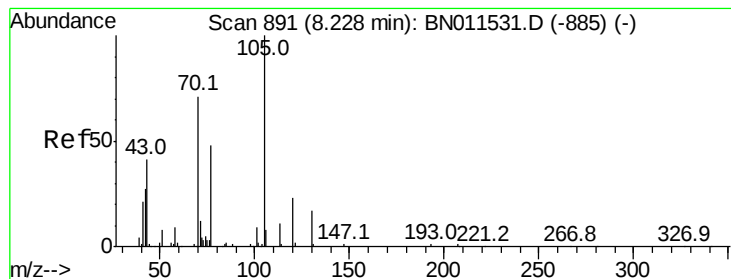
Ion Ratio Lower Upper

128 100

64 34.3 25.4 38.0

130 31.7 26.3 39.5





#15

N-Nitroso-di-n-propylamine

Concen: 27.603 ng/ul

RT: 8.22 min Scan# 890

Delta R.T. -0.01 min

Lab File: BN011541.D

Acq: 21 Aug 2020 01:38

Instrument :

BNA\_N

ClientSampleId :

DBFW5MS

Tot Ion: 70 Resp: 161003

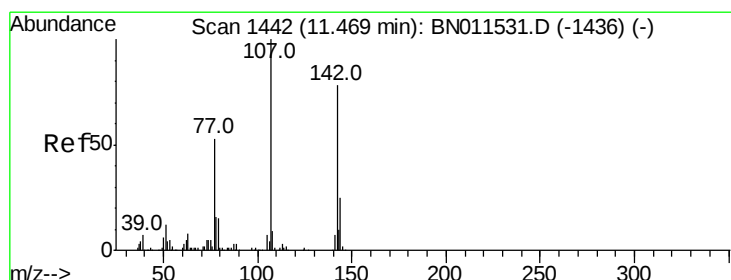
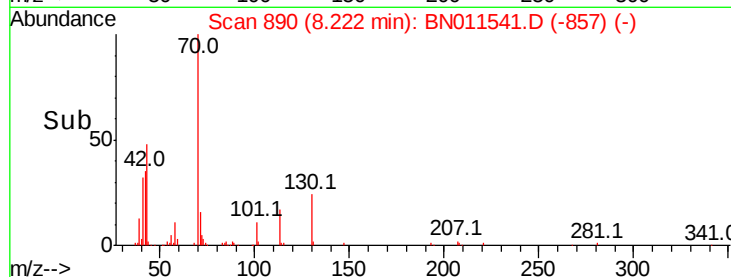
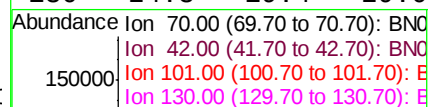
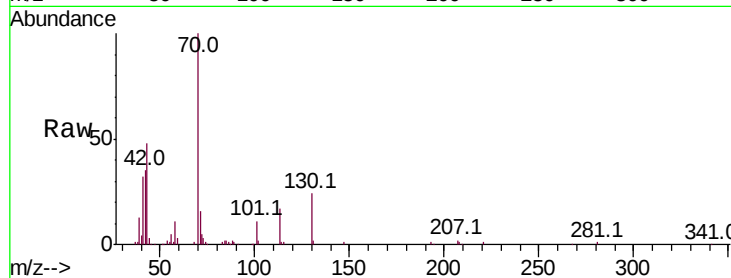
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 35.3  | 27.2  | 40.8  |
| 101 | 10.6  | 8.3   | 12.5  |
| 130 | 24.3  | 19.4  | 29.0  |

70 100

42 35.3 27.2 40.8

101 10.6 8.3 12.5

130 24.3 19.4 29.0



#33

4-Chloro-3-methylphenol

Concen: 23.163 ng/ul

RT: 11.47 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN011541.D

Acq: 21 Aug 2020 01:38

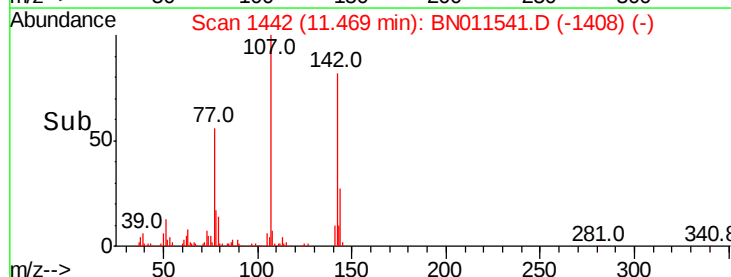
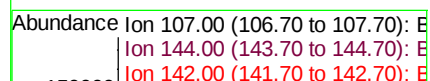
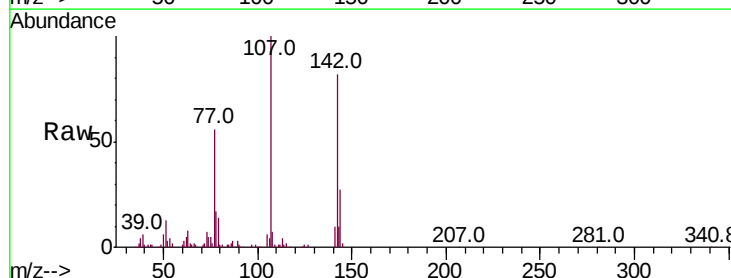
Tgt Ion: 107 Resp: 219611

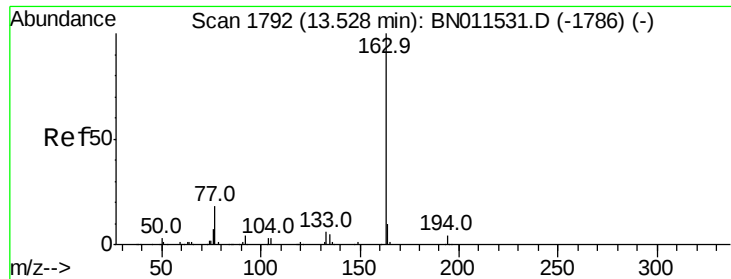
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 26.9  | 22.2  | 33.4  |
| 142 | 82.5  | 63.4  | 95.2  |

107 100

144 26.9 22.2 33.4

142 82.5 63.4 95.2

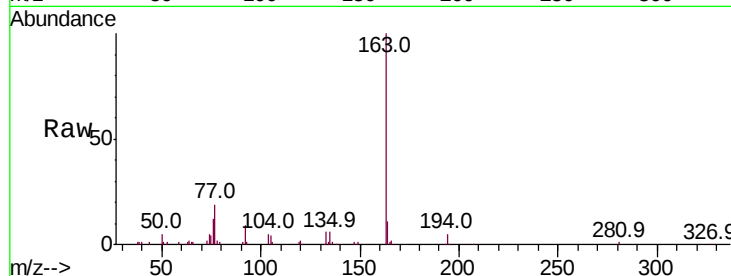




#45  
Dimethylphthalate  
Concen: 5.479 ng/ul  
RT: 13.53 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

Instrument :  
BNA\_N  
ClientSampleId :  
DBFW5MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.6   | 3.8   | 5.6   |
| 164     | 10.7  | 8.7   | 13.1  |

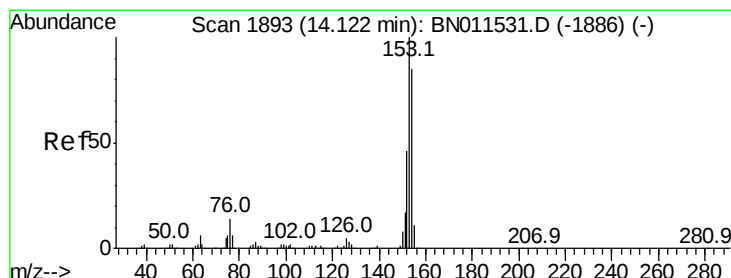
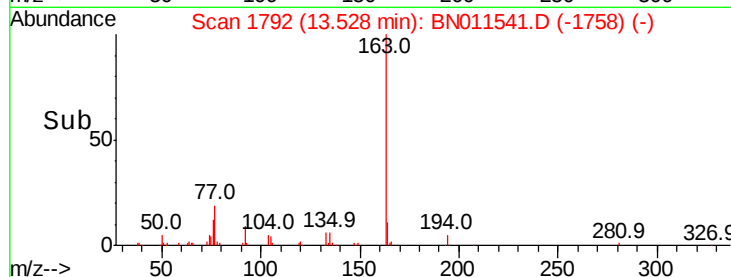
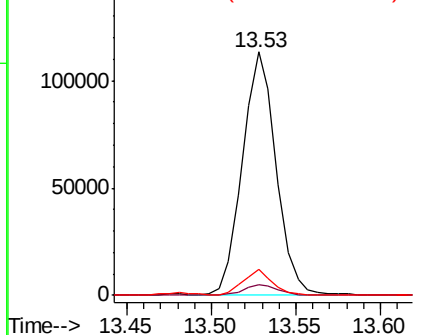


Abundance

Ion 163.00 (162.70 to 163.70): E

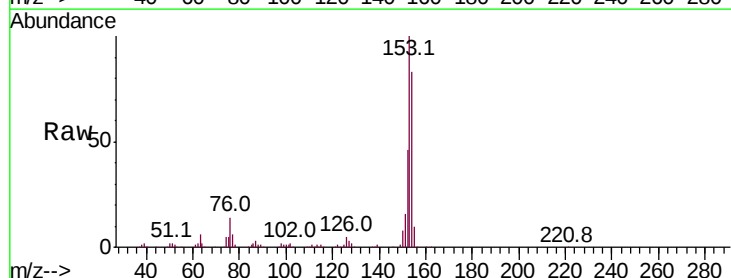
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
Acenaphthene  
Concen: 24.708 ng/ul  
RT: 14.12 min Scan# 1893  
Delta R.T. -0.00 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 45.9  | 37.6  | 56.4  |
| 154     | 83.5  | 72.0  | 108.0 |

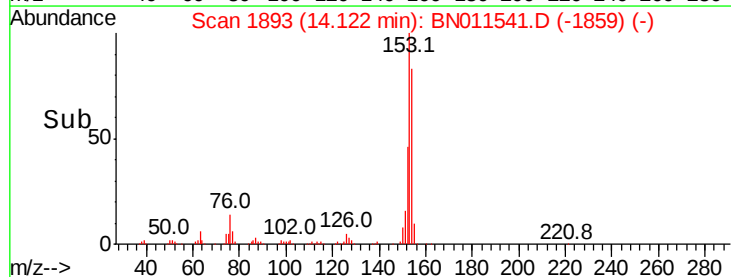
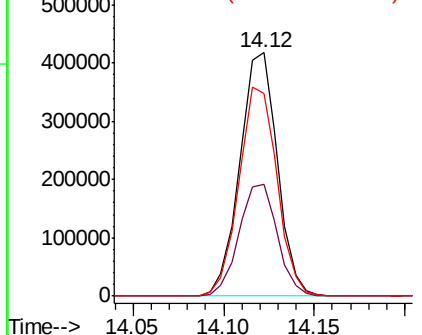


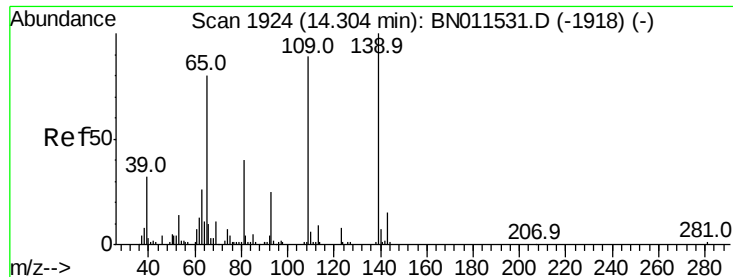
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

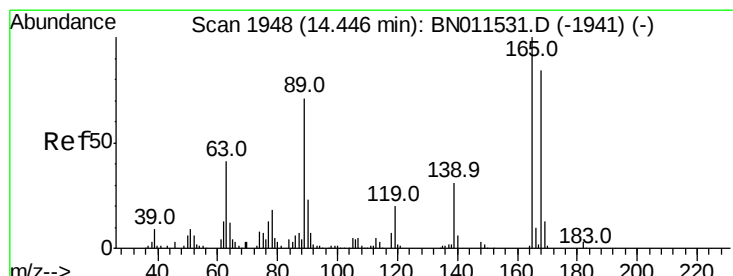
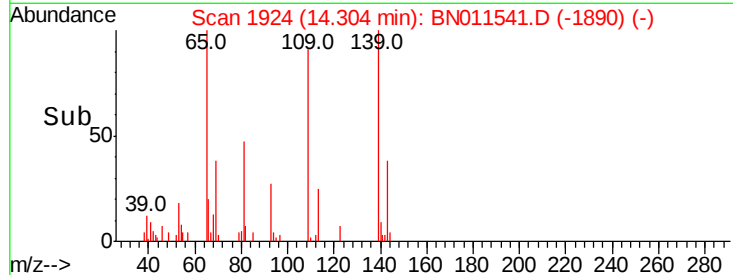
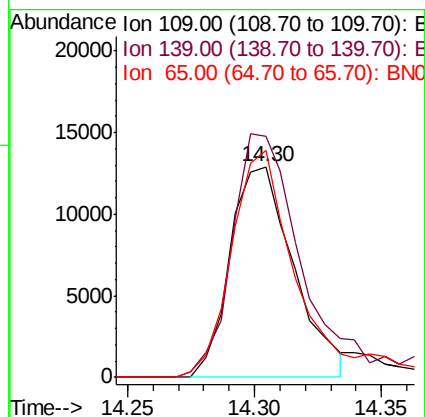
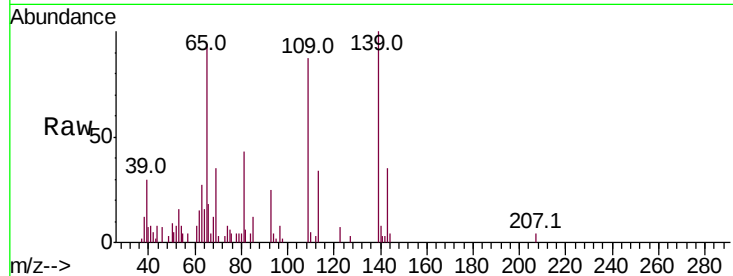




#53  
4-Nitrophenol  
Concen: 5.003 ng/ul  
RT: 14.30 min Scan# 1924  
Delta R.T. -0.00 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

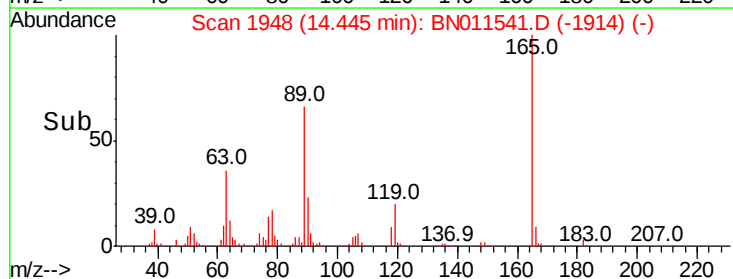
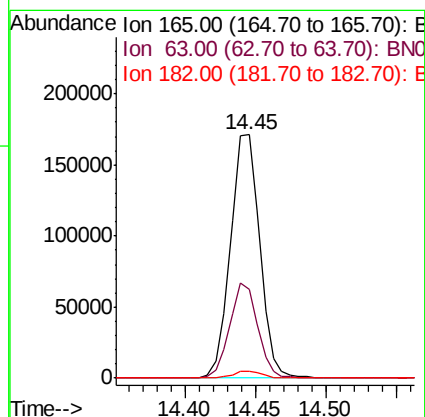
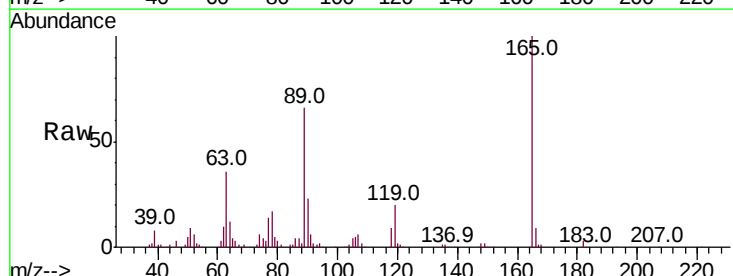
Instrument :  
BNA\_N  
ClientSampleId :  
DBFW5MS

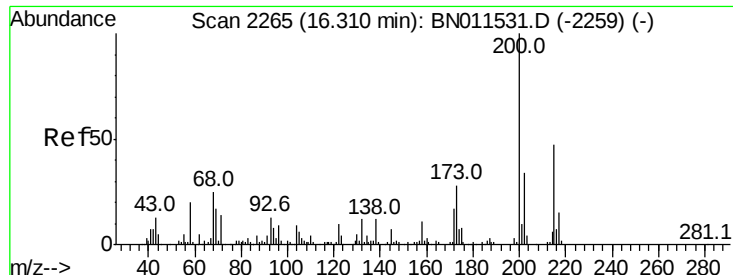
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 114.7 | 80.9  | 121.3 |
| 65      | 108.0 | 77.2  | 115.8 |



#55  
2,4-Dinitrotoluene  
Concen: 30.593 ng/ul  
RT: 14.45 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.2  | 32.6  | 48.8  |
| 182     | 2.9   | 2.1   | 3.1   |

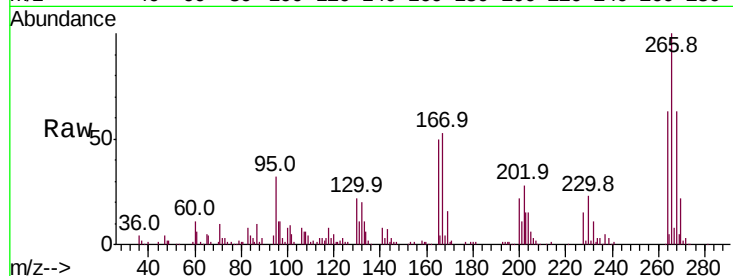




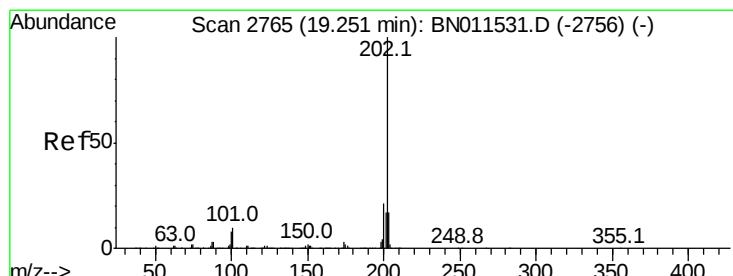
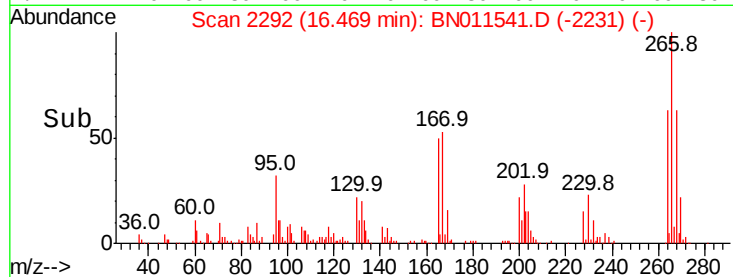
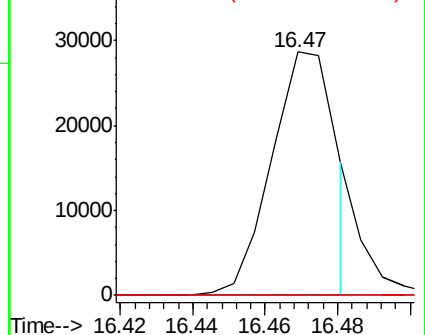
#68  
Atrazine  
Concen: 3.828 ng/ul  
RT: 16.47 min Scan# 2292  
Delta R.T. 0.16 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

Instrument :  
BNA\_N  
ClientSampleId :  
DBFW5MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 0.0   | 19.4  | 29.0# |
| 215     | 0.0   | 35.5  | 53.3# |

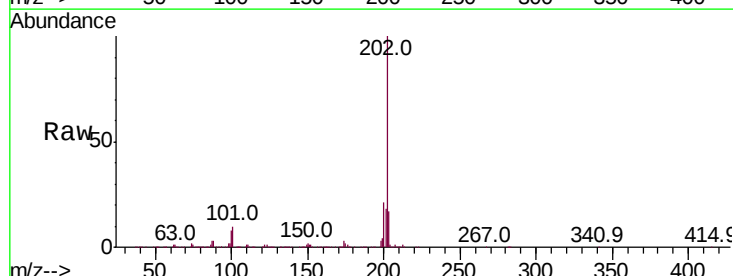


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



#80  
Pyrene  
Concen: 29.194 ng/ul  
RT: 19.25 min Scan# 2765  
Delta R.T. -0.00 min  
Lab File: BN011541.D  
Acq: 21 Aug 2020 01:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 7.8   | 11.8  |
| 100     | 8.5   | 6.5   | 9.7   |



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): B

