

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010720\  
 Data File : BN009321.D  
 Acq On : 07 Jan 2020 19:39  
 Operator : JU  
 Sample : PB125882BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 08 00:06:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 221010   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 981301   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.12 | 164  | 651642   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 1440760  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 1291986  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.20 | 264  | 1277690  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 37189   | 7.12  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.67  | 99  | 692392  | 35.18 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 477468  | 35.26 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 528302  | 36.79 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 573508  | 35.32 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 268574  | 37.35 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.33  | 143 | 304708  | 38.02 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.86  | 165 | 552412  | 36.08 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.38 | 131 | 762961  | 42.95 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.54 | 166 | 1748599 | 36.31 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 2098989 | 36.44 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.34 | 143 | 328925  | 36.06 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.12 | 176 | 1513677 | 36.12 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 330537  | 35.71 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 16.97 | 188 | 2363304 | 36.13 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.27 | 212 | 2589673 | 36.87 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.07 | 264 | 2366019 | 37.15 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 81111   | 14.536 | ng/uL 98  |
| 4) Benzaldehyde                | 6.63  | 77  | 510492  | 45.598 | ng/ul 95  |
| 6) Phenol                      | 6.70  | 94  | 677217  | 32.930 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 6.92  | 93  | 553271  | 33.626 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.05  | 128 | 510768  | 34.816 | ng/ul 98  |
| 11) 2-Methylphenol             | 7.92  | 108 | 513758  | 33.067 | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.01  | 45  | 1297647 | 33.219 | ng/ul 99  |
| 14) Acetophenone               | 8.29  | 105 | 848553  | 33.140 | ng/ul 97  |
| 15) N-Nitroso-di-n-propylamine | 8.29  | 70  | 471812  | 33.042 | ng/ul 97  |
| 16) 4-Methylphenol             | 8.25  | 108 | 564731  | 32.875 | ng/ul 95  |
| 17) Hexachloroethane           | 8.53  | 117 | 228276  | 34.031 | ng/ul 99  |
| 20) Nitrobenzene               | 8.66  | 77  | 696569  | 34.508 | ng/ul 97  |
| 21) Isophorone                 | 9.19  | 82  | 1310017 | 33.777 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.36  | 139 | 306203  | 35.644 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.43  | 107 | 647345  | 34.030 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.67  | 93  | 783405  | 33.569 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 9.89  | 162 | 511987  | 34.004 | ng/ul 95  |
| 28) Naphthalene                | 10.28 | 128 | 1749783 | 33.581 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.40 | 127 | 709983  | 40.118 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.57 | 225 | 334774  | 34.211 | ng/ul 97  |
| 32) Caprolactam                | 11.17 | 113 | 100086  | 18.388 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 11.53 | 107 | 641285  | 34.526 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 1232496 | 33.486 | ng/ul 98  |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.12 | 142  | 1254239  | 33.384 | ng/ul | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.28 | 216  | 629108   | 33.476 | ng/ul | 98       |
| 38) Hexachlorocyclopentadiene  | 12.26 | 237  | 389815   | 33.169 | ng/ul | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.53 | 196  | 418468   | 34.260 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.60 | 196  | 462577   | 35.245 | ng/ul | 94       |
| 41) 1,1'-Biphenyl              | 12.94 | 154  | 1642885  | 33.759 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 12.97 | 162  | 1281253  | 33.579 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.19 | 65   | 509378   | 35.600 | ng/ul | 97       |
| 45) Dimethylphthalate          | 13.59 | 163  | 1690084  | 34.150 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 13.70 | 165  | 356073   | 35.851 | ng/ul | 96       |
| 48) Acenaphthylene             | 13.83 | 152  | 2083095  | 33.863 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.03 | 138  | 361142   | 40.988 | ng/ul | 98       |
| 50) Acenaphthene               | 14.17 | 153  | 1387628  | 33.546 | ng/ul | 98       |
| 51) 2,4-Dinitrophenol          | 14.25 | 184  | 213393   | 34.328 | ng/ul | 92       |
| 53) 4-Nitrophenol              | 14.36 | 109  | 276107   | 35.227 | ng/ul | 96       |
| 54) Dibenzofuran               | 14.52 | 168  | 1924990  | 33.624 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.50 | 165  | 526741   | 36.416 | ng/ul | 99       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.75 | 232  | 398685   | 34.693 | ng/ul | 97       |
| 57) Diethylphthalate           | 14.97 | 149  | 1777991  | 34.523 | ng/ul | 100      |
| 59) Fluorene                   | 15.17 | 166  | 1631740  | 33.845 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.17 | 204  | 812181   | 33.773 | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.20 | 138  | 390719   | 38.891 | ng/ul | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.27 | 198  | 326955   | 33.594 | ng/ul | 98       |
| 65) N-Nitrosodiphenylamine     | 15.39 | 169  | 1390735  | 33.027 | ng/ul | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.07 | 248  | 485848   | 33.027 | ng/ul | 94       |
| 67) Hexachlorobenzene          | 16.18 | 284  | 544984   | 33.041 | ng/ul | 97       |
| 68) Atrazine                   | 16.36 | 200  | 551204   | 34.425 | ng/ul | 97       |
| 69) Pentachlorophenol          | 16.53 | 266  | 331476   | 33.291 | ng/ul | 96       |
| 70) Phenanthrene               | 16.91 | 178  | 2656052  | 33.356 | ng/ul | 100      |
| 72) Anthracene                 | 17.00 | 178  | 2706584  | 33.619 | ng/ul | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.90 | 216  | 677305   | 34.757 | ng/uL | 97       |
| 74) Pentachlorobenzene         | 14.44 | 250  | 700471   | 37.122 | ng/uL | 98       |
| 75) Carbazole                  | 17.27 | 167  | 2324725  | 33.938 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.86 | 149  | 3123725  | 34.548 | ng/ul | 99       |
| 77) Fluoranthene               | 18.93 | 202  | 3102835  | 33.903 | ng/ul | 99       |
| 80) Pvrene                     | 19.30 | 202  | 3213336  | 34.525 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.23 | 149  | 1396944  | 35.790 | ng/ul | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.00 | 252  | 1100778  | 40.177 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.06 | 228  | 2988686  | 34.023 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 2094254  | 35.570 | ng/ul | 96       |
| 85) Chrysene                   | 21.11 | 228  | 2833557  | 33.149 | ng/ul | 98       |
| 87) Di-n-octyl phthalate       | 21.87 | 149  | 3472975  | 36.427 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.57 | 252  | 2824917  | 35.078 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.62 | 252  | 2696501  | 33.908 | ng/ul | 98       |
| 91) Benzo(a)pyrene             | 23.11 | 252  | 2450357  | 34.292 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.29 | 276  | 2520600  | 32.552 | ng/ul | 96       |
| 93) Dibenzo(a,h)anthracene     | 25.29 | 278  | 2184995  | 33.588 | ng/ul | 96       |
| 94) Benzo(a,h,i)perylene       | 25.91 | 276  | 2066186  | 33.116 | ng/ul | 97       |

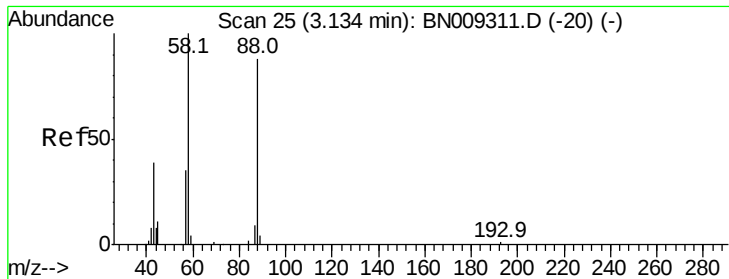
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN010720\  
Data File : BN009321.D  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 06 17:39:39 2020  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 14.536 ng/uL

RT: 3.13 min Scan# 24

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

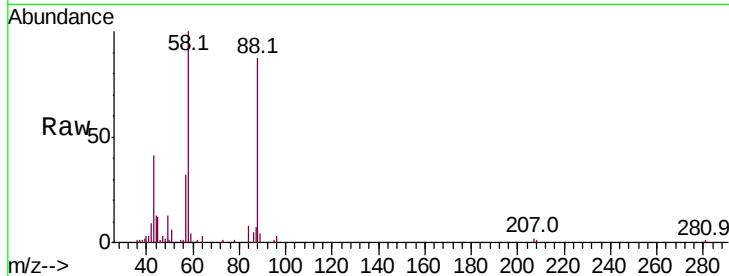
Tot Ion: 88 Resp: 81111

Ion Ratio Lower Upper

88 100

43 47.1 39.1 58.7

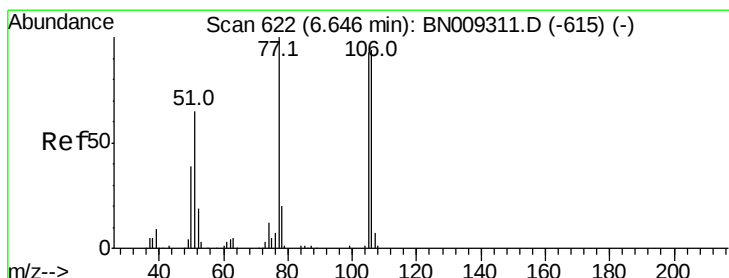
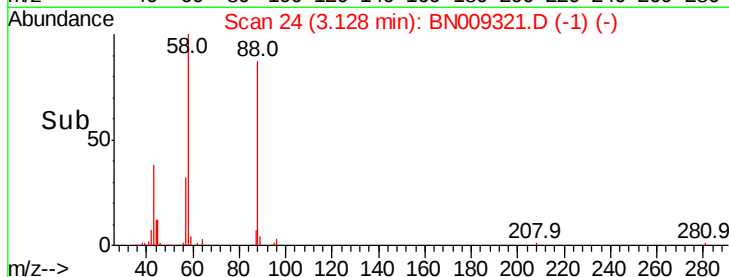
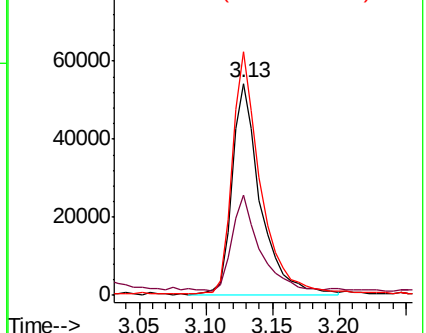
58 114.8 90.2 135.2



Abundance Ion 88.00 (87.70 to 88.70): BN009321.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN009321.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN009321.D (-1) (-)



#4

Benzaldehyde

Concen: 45.598 ng/uL

RT: 6.63 min Scan# 620

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

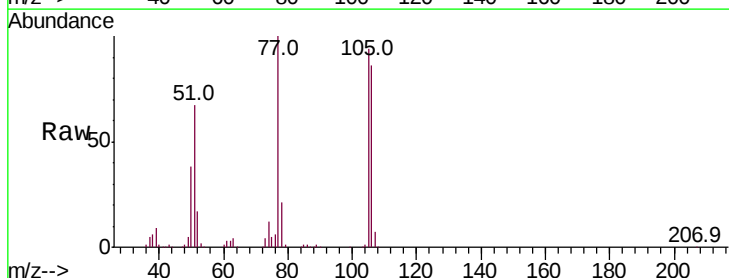
Tgt Ion: 77 Resp: 510492

Ion Ratio Lower Upper

77 100

105 94.2 74.6 111.8

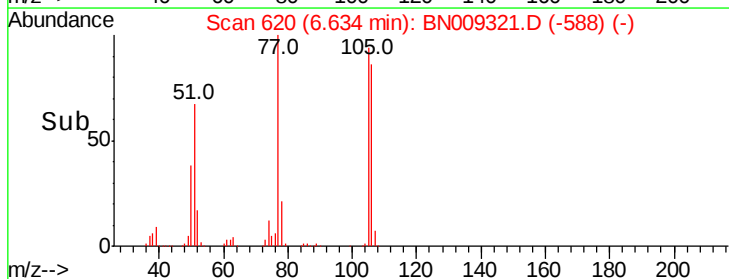
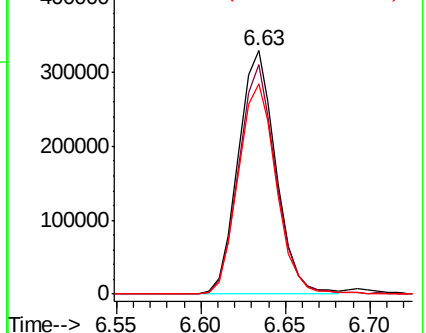
106 86.5 75.4 113.0

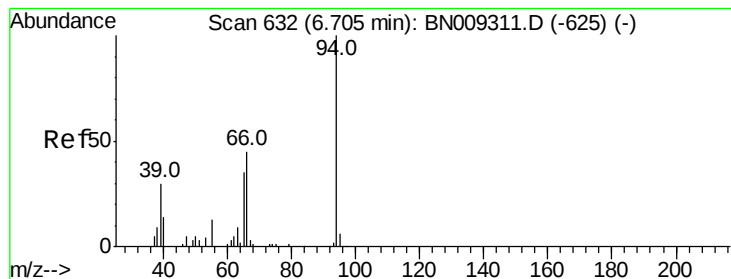


Abundance Ion 77.00 (76.70 to 77.70): BN009321.D (-588) (-)

Ion 105.00 (104.70 to 105.70): BN009321.D (-588) (-)

Ion 106.00 (105.70 to 106.70): BN009321.D (-588) (-)





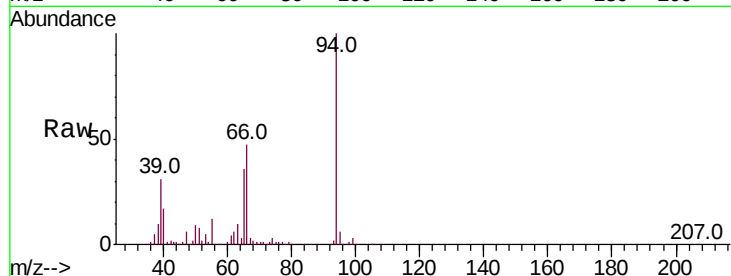
#6

Phenol

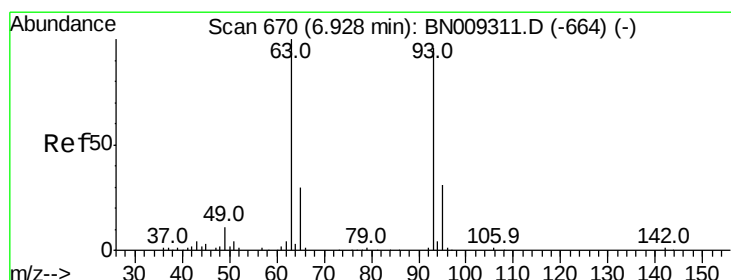
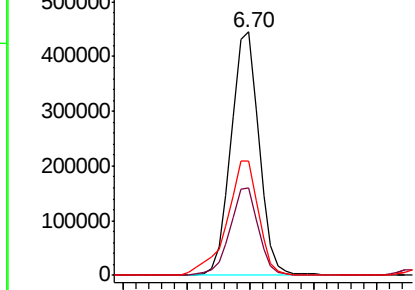
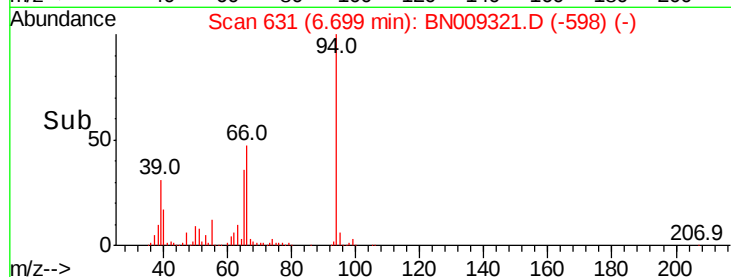
Concen: 32.930 ng/ul  
 RT: 6.70 min Scan# 631  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion: 94 Resp: 677217  
 Ion Ratio Lower Upper  
 94 100  
 65 35.8 28.6 42.8  
 66 47.0 37.7 56.5



Abundance Ion 94.00 (93.70 to 94.70): BN0  
 Ion 65.00 (64.70 to 65.70): BN0  
 Ion 66.00 (65.70 to 66.70): BN0

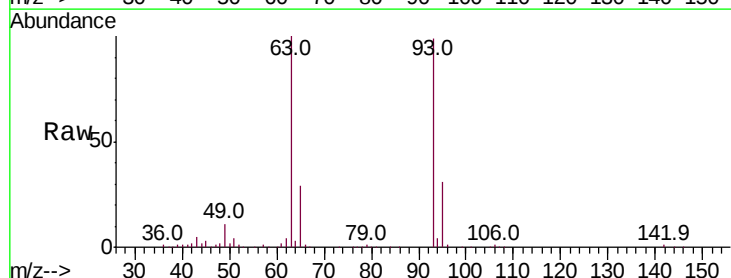


#8

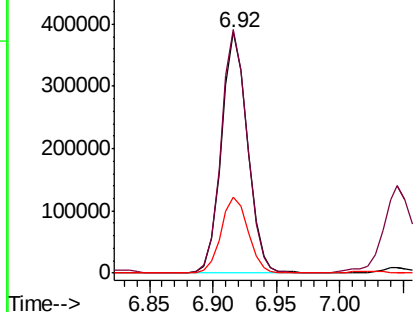
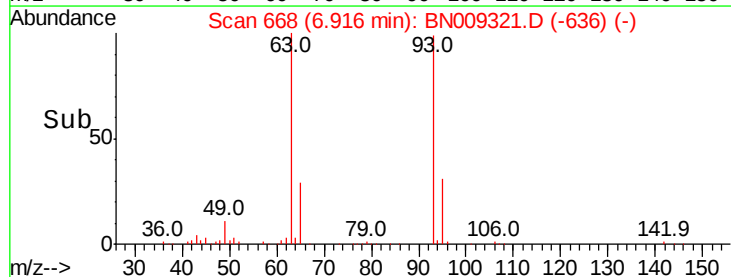
Bis(2-Chloroethyl)ether

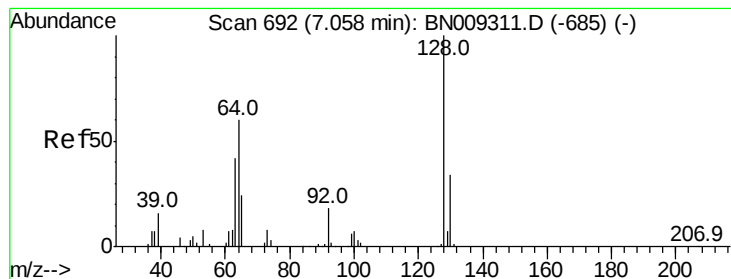
Concen: 33.626 ng/ul  
 RT: 6.92 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Tgt Ion: 93 Resp: 553271  
 Ion Ratio Lower Upper  
 93 100  
 63 101.2 83.7 125.5  
 95 31.7 26.0 39.0



Abundance Ion 93.00 (92.70 to 93.70): BN0  
 Ion 63.00 (62.70 to 63.70): BN0  
 Ion 95.00 (94.70 to 95.70): BN0





#10

2-Chlorophenol

Concen: 34.816 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

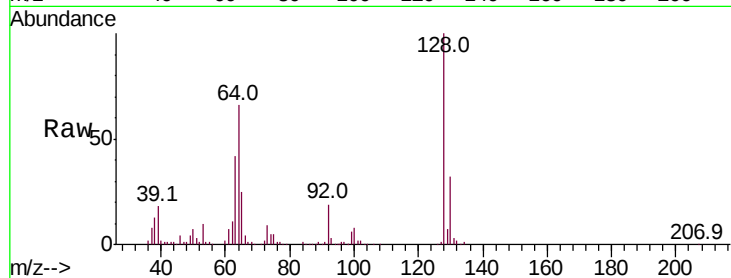
Tot Ion:128 Resp: 510768

Ion Ratio Lower Upper

128 100

64 65.6 52.3 78.5

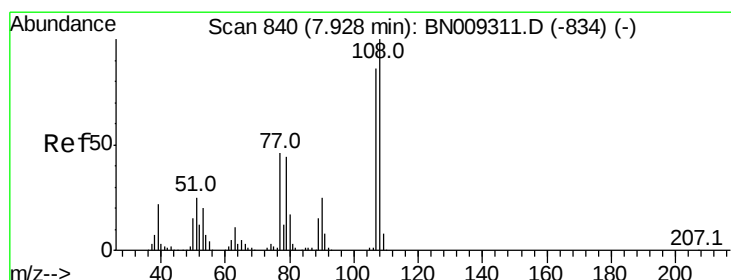
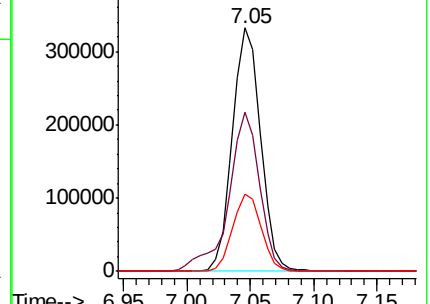
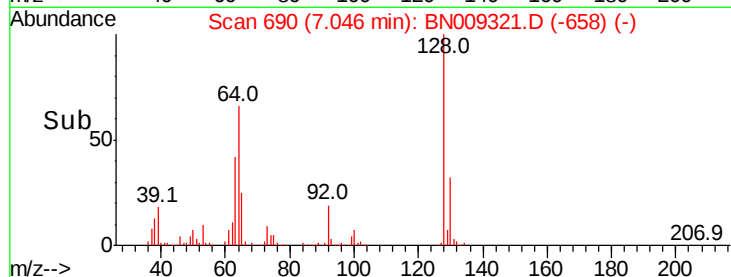
130 31.9 27.4 41.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNA\_N

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 33.067 ng/ul

RT: 7.92 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN009321.D

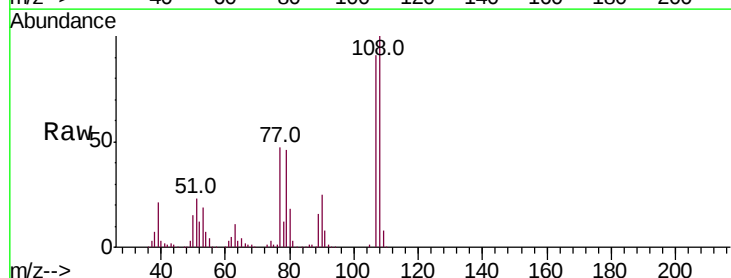
Acq: 07 Jan 2020 19:39

Tgt Ion:108 Resp: 513758

Ion Ratio Lower Upper

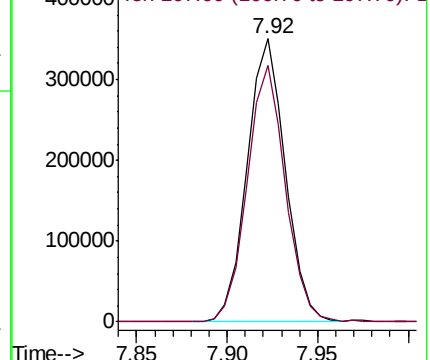
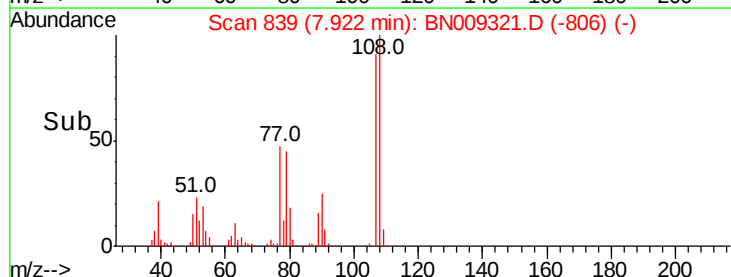
108 100

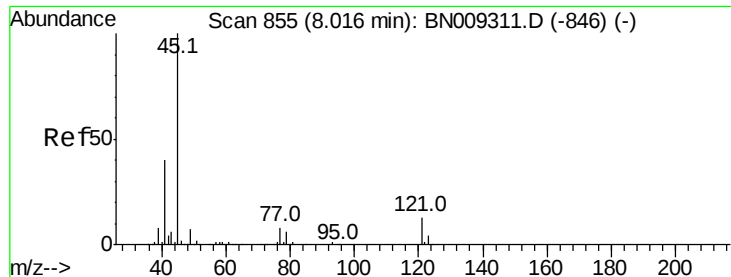
107 90.8 69.2 103.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 33.219 ng/ul

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

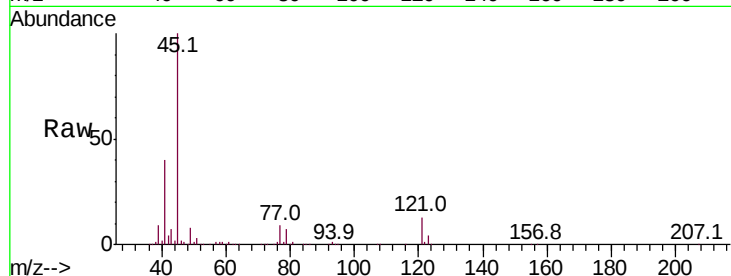
Tot Ion: 45 Resp: 1297647

Ion Ratio Lower Upper

45 100

77 9.2 7.0 10.6

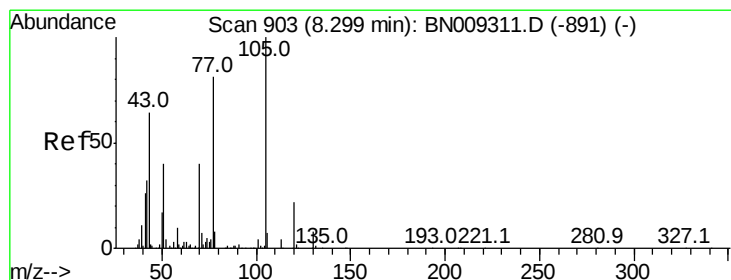
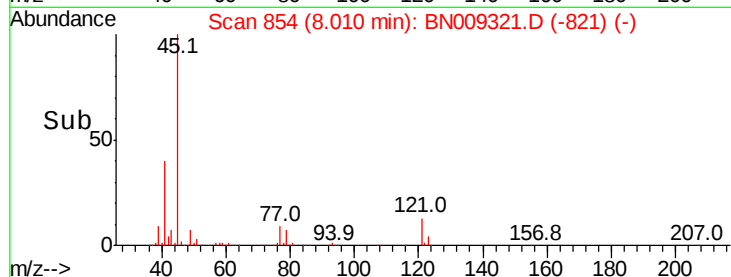
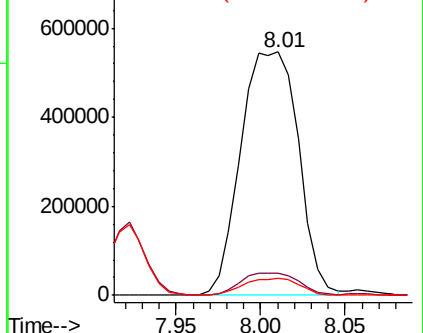
79 7.1 5.2 7.8



Abundance Ion 45.00 (44.70 to 45.70): BN009321.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BN009321.D (-821) (-)

Ion 79.00 (78.70 to 79.70): BN009321.D (-821) (-)



#14

Acetophenone

Concen: 33.140 ng/ul

RT: 8.29 min Scan# 901

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

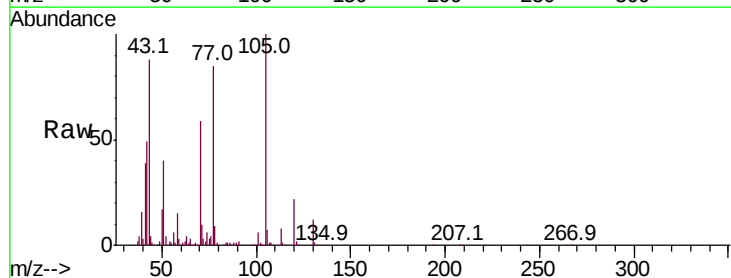
Tgt Ion: 105 Resp: 848553

Ion Ratio Lower Upper

105 100

77 84.7 65.8 98.6

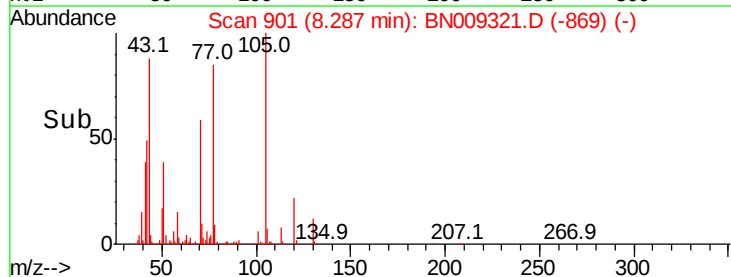
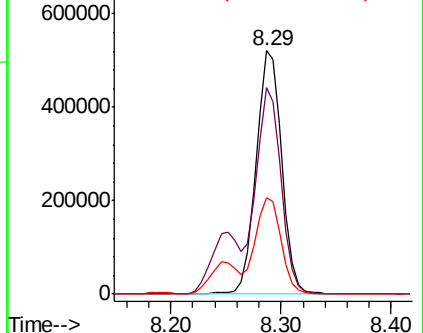
51 39.5 32.9 49.3

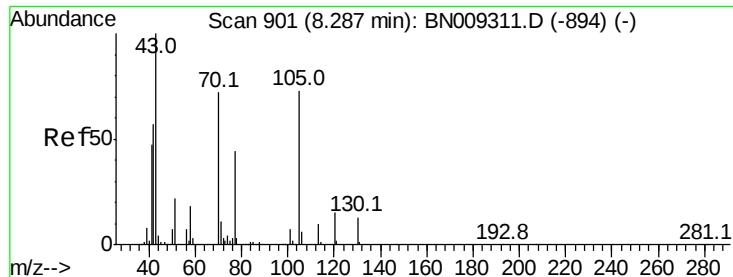


Abundance Ion 105.00 (104.70 to 105.70): BN009321.D (-869) (-)

Ion 77.00 (76.70 to 77.70): BN009321.D (-869) (-)

Ion 51.00 (50.70 to 51.70): BN009321.D (-869) (-)

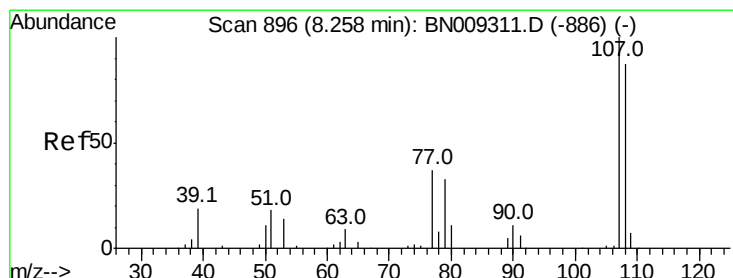
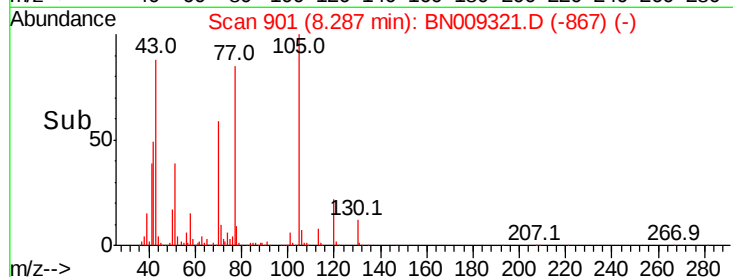
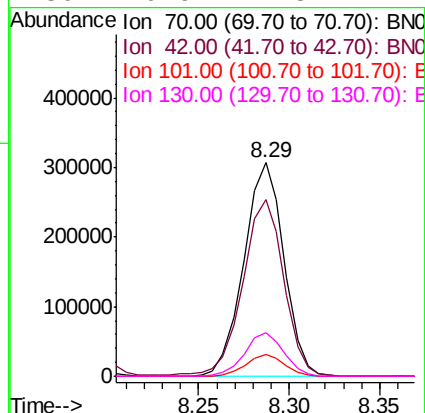
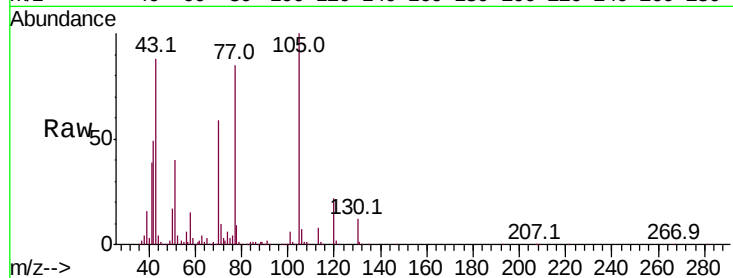




#15  
N-Nitroso-di-n-propylamine  
Concen: 33.042 ng/ul  
RT: 8.29 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

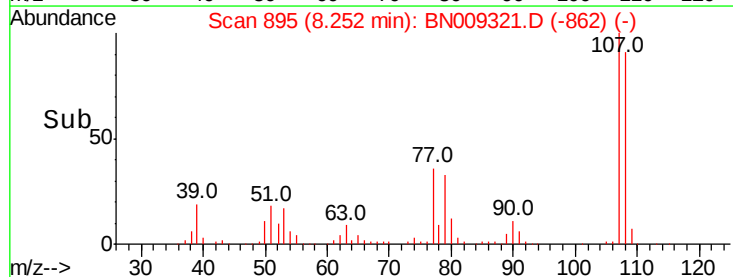
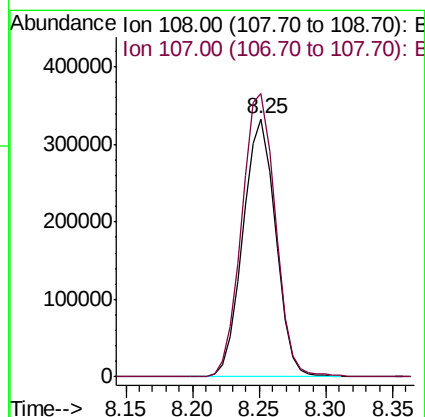
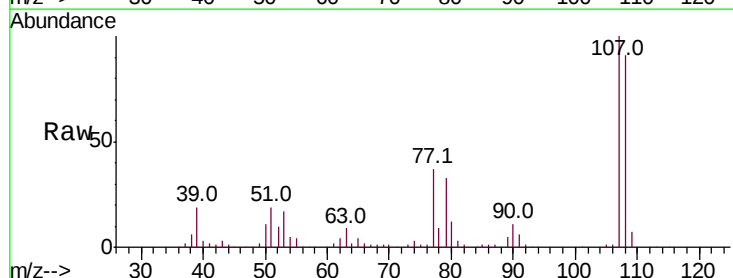
Instrument :  
BNA\_N  
ClientSampleId :

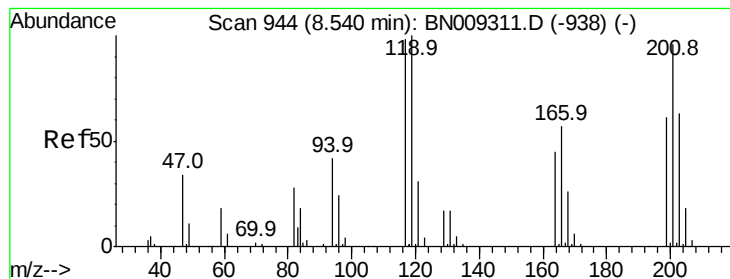
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 471812 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 83.0  | 64.6  | 97.0   |
| 101      | 10.4  | 7.6   | 11.4   |
| 130      | 20.6  | 14.5  | 21.7   |



#16  
4-Methylphenol  
Concen: 32.875 ng/ul  
RT: 8.25 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 564731 |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 109.6 | 92.2  | 138.4  |





#17

Hexachloroethane

Concen: 34.031 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

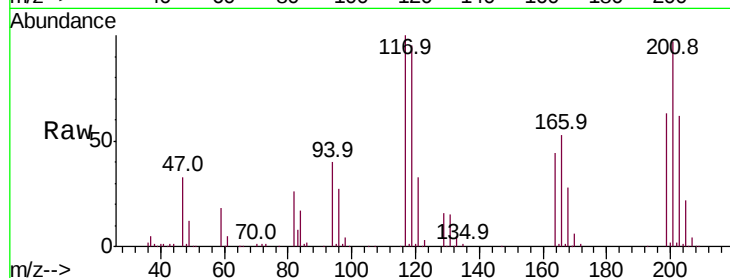
Tot Ion:117 Resp: 228276

Ion Ratio Lower Upper

117 100

201 96.5 78.4 117.6

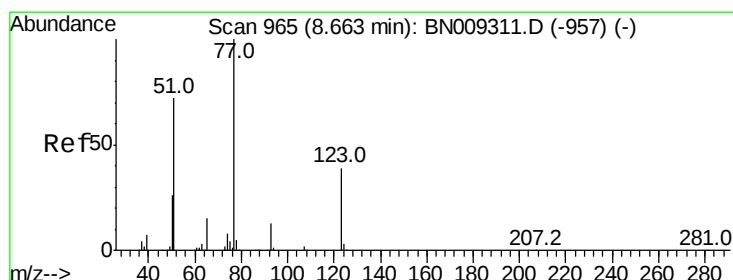
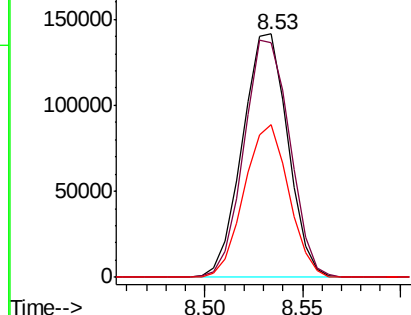
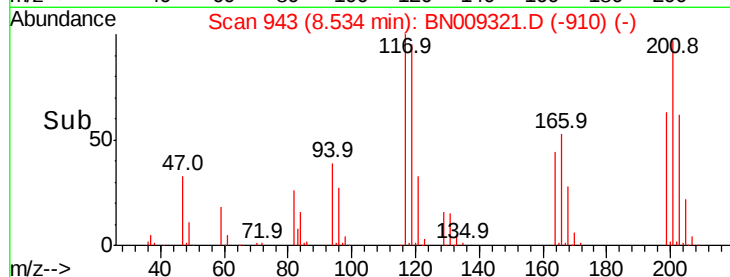
199 62.7 50.2 75.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 34.508 ng/ul

RT: 8.66 min Scan# 964

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

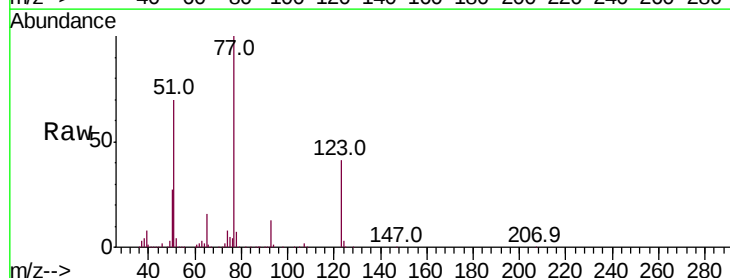
Tgt Ion: 77 Resp: 696569

Ion Ratio Lower Upper

77 100

123 40.6 30.8 46.2

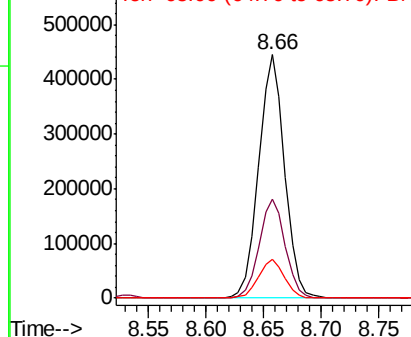
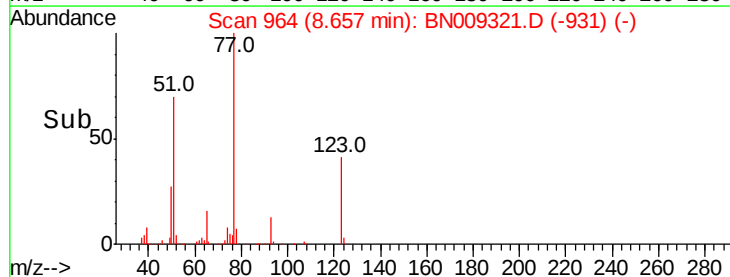
65 15.8 11.8 17.8

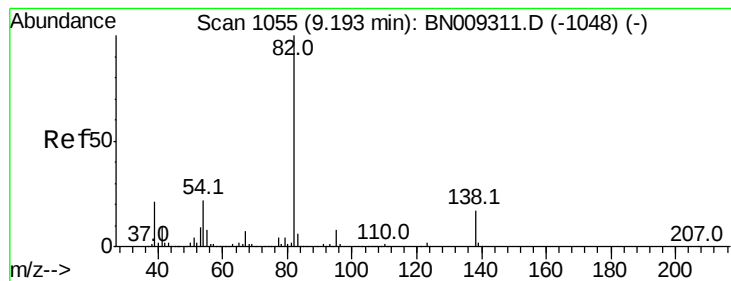


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 33.777 ng/ul

RT: 9.19 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

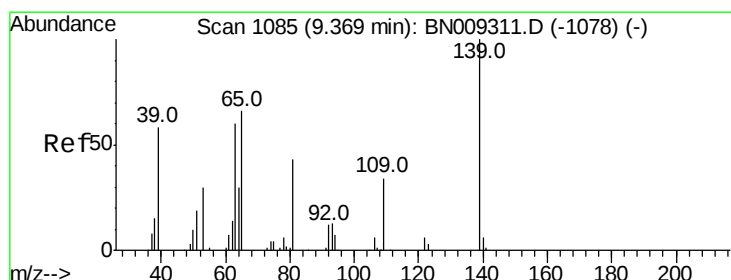
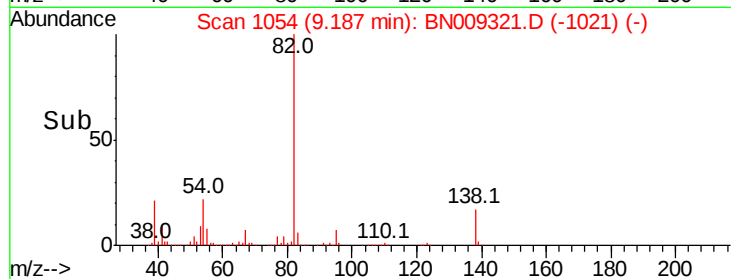
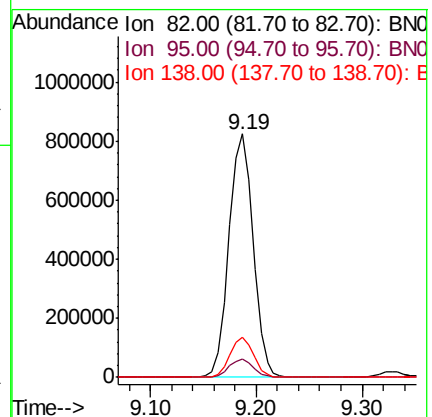
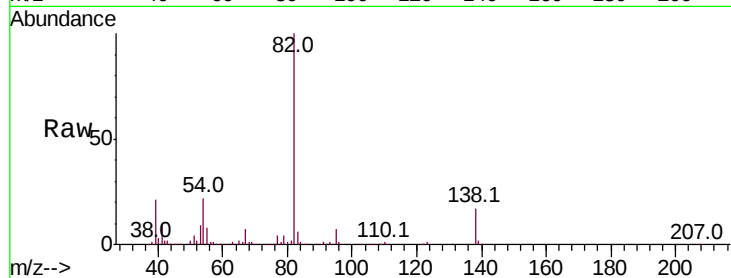
Tot Ion: 82 Resp: 1310017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.5   | 6.0   | 9.0   |
| 138 | 16.5  | 13.4  | 20.0  |

82 100

95 7.5 6.0 9.0

138 16.5 13.4 20.0



#23

2-Nitrophenol

Concen: 35.644 ng/ul

RT: 9.36 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

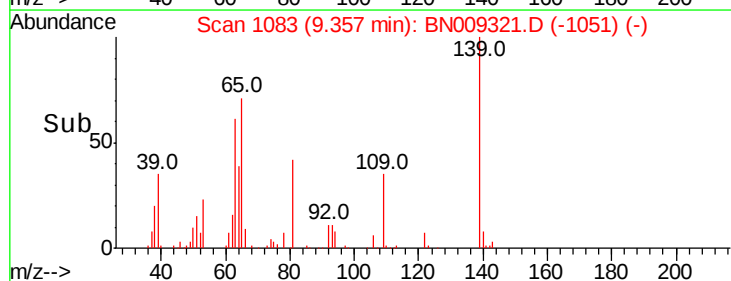
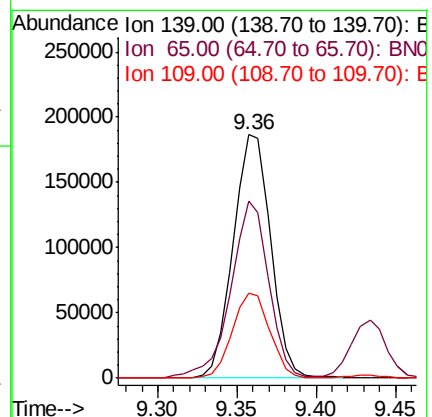
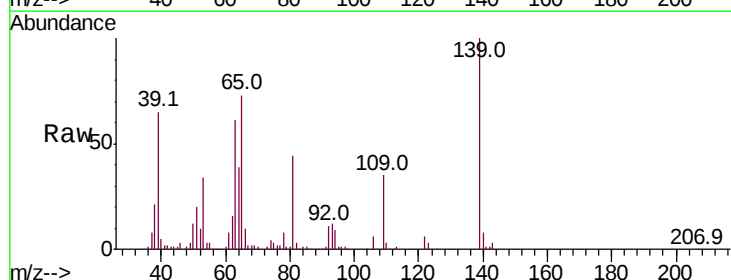
Tgt Ion: 139 Resp: 306203

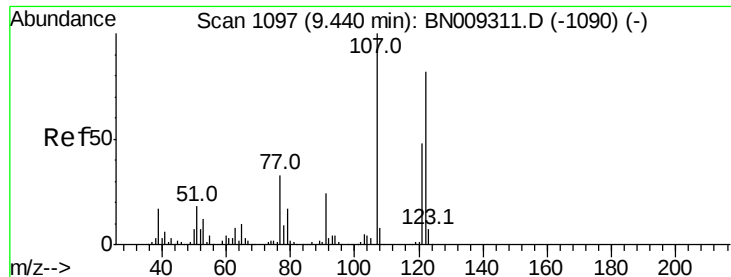
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 72.7  | 55.8  | 83.6  |
| 109 | 34.6  | 27.2  | 40.8  |

139 100

65 72.7 55.8 83.6

109 34.6 27.2 40.8





#24

2,4-Dimethylphenol

Concen: 34.030 ng/ul

RT: 9.43 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

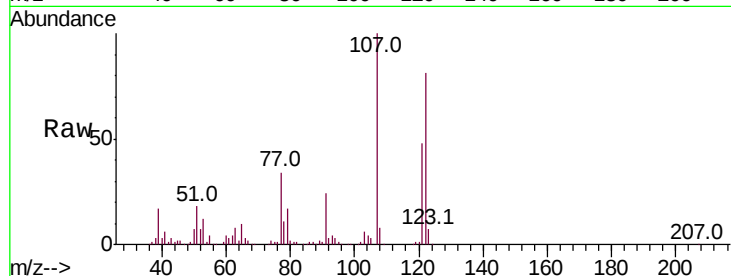
Tot Ion:107 Resp: 647345

Ion Ratio Lower Upper

107 100

121 47.5 38.4 57.6

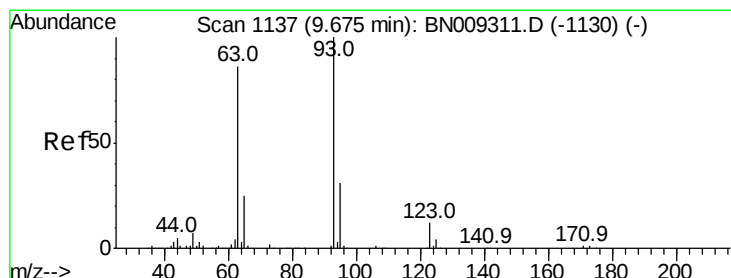
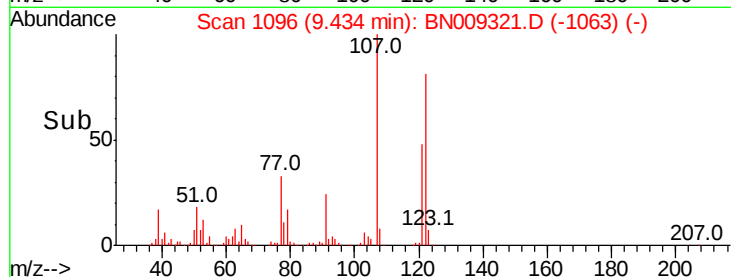
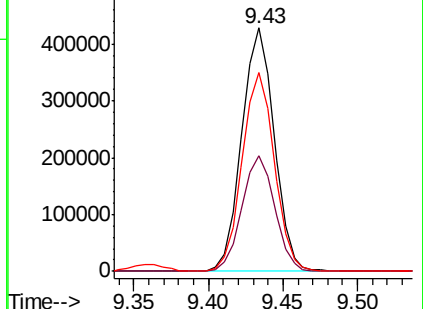
122 81.4 65.7 98.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 33.569 ng/ul

RT: 9.67 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

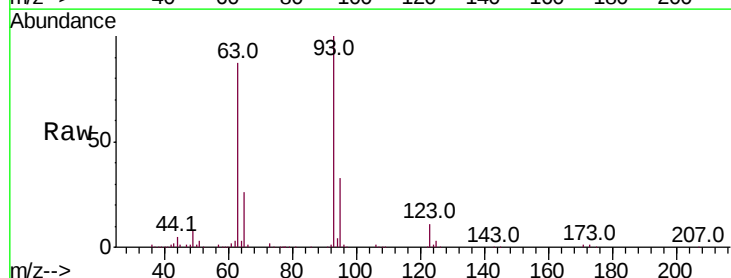
Tgt Ion: 93 Resp: 783405

Ion Ratio Lower Upper

93 100

95 32.7 25.1 37.7

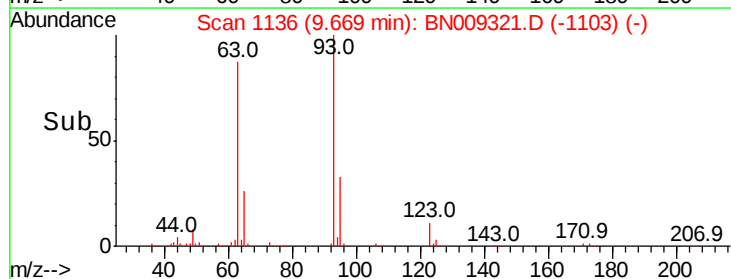
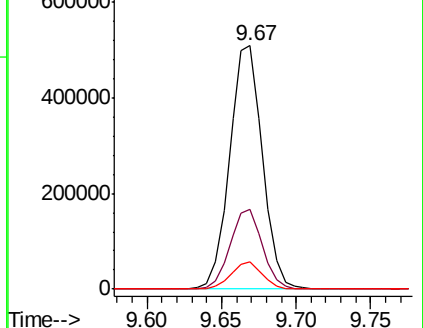
123 11.0 9.3 13.9

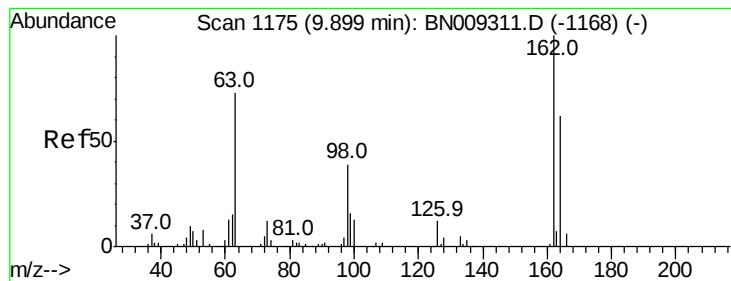


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 34.004 ng/ul

RT: 9.89 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

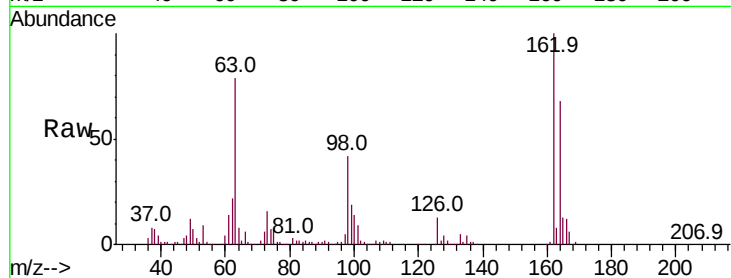
Tot Ion:162 Resp: 511987

Ion Ratio Lower Upper

162 100

164 67.6 50.6 75.8

98 41.6 31.2 46.8

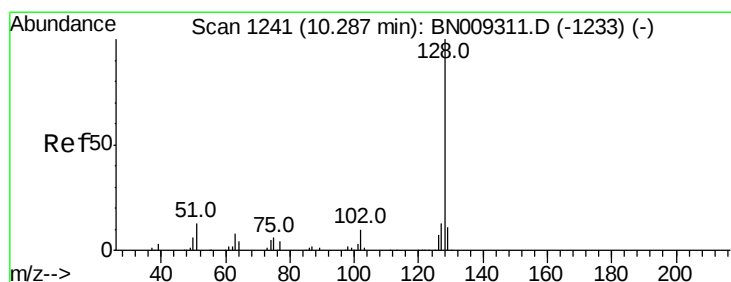
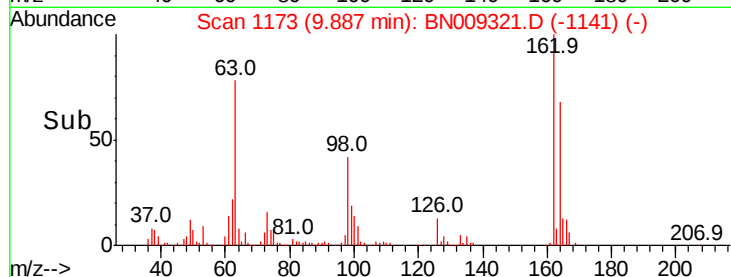
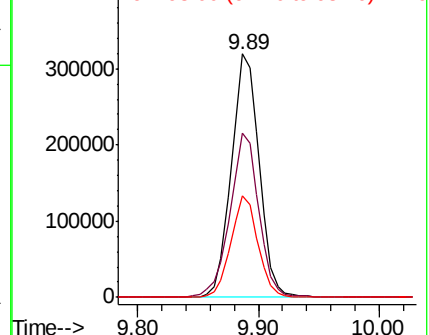


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 33.581 ng/ul

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

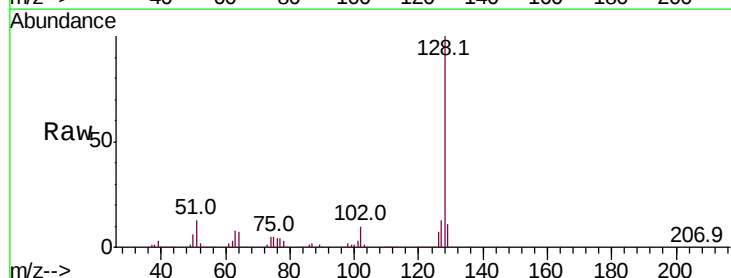
Tgt Ion:128 Resp: 1749783

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.3 10.8 16.2

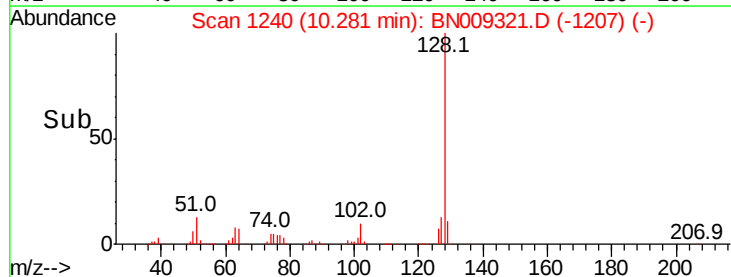
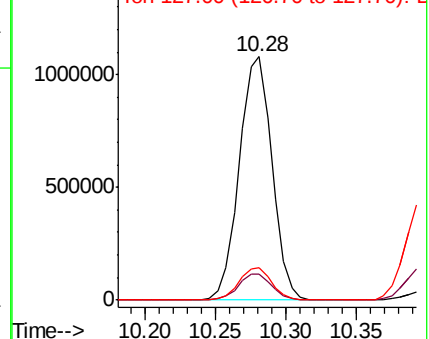


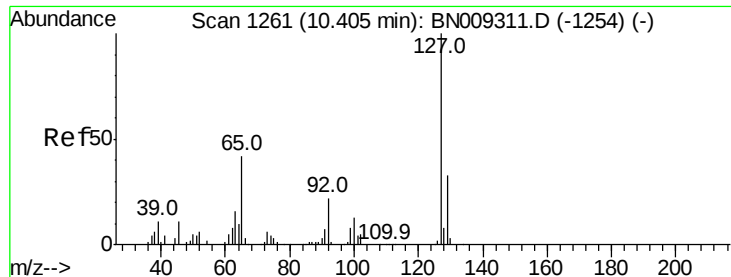
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

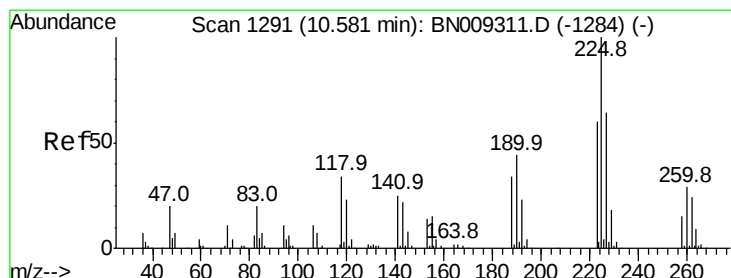
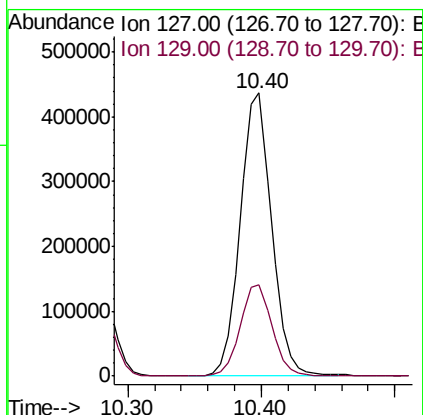
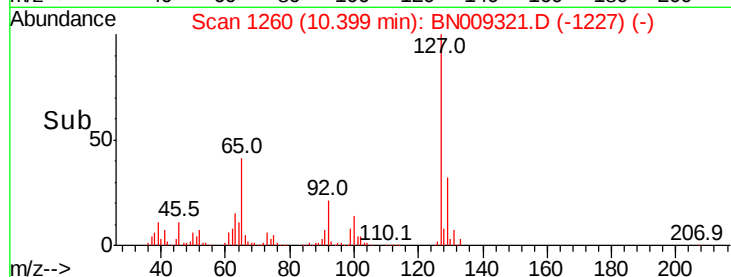
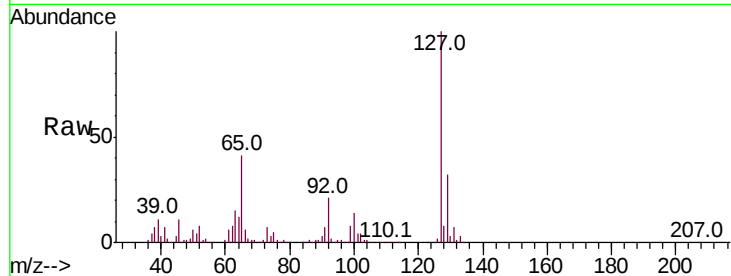




#30  
4-Chloroaniline  
Concen: 40.118 ng/ul  
RT: 10.40 min Scan# 1260  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

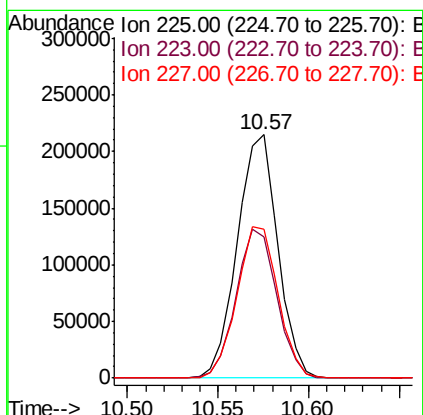
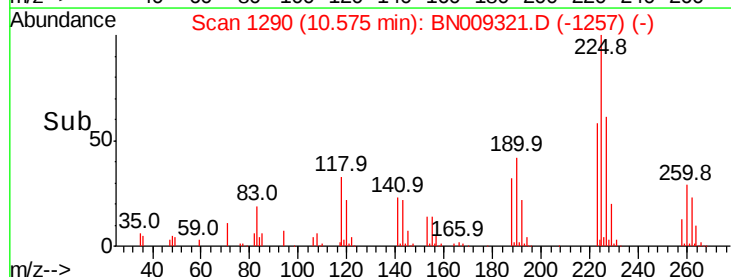
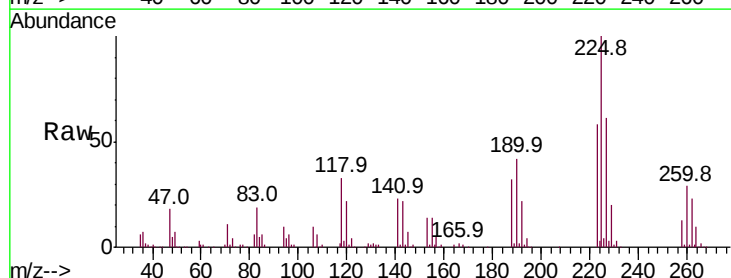
Instrument :  
BNA\_N  
ClientSampled :

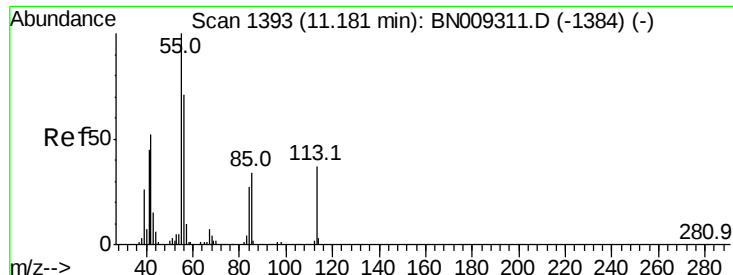
Tot Ion:127 Resp: 709983  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.7 40.1



#31  
Hexachlorobutadiene  
Concen: 34.211 ng/ul  
RT: 10.57 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:225 Resp: 334774  
Ion Ratio Lower Upper  
225 100  
223 57.9 48.2 72.4  
227 61.1 51.0 76.6





#32

Caprolactam

Concen: 18.388 ng/ul

RT: 11.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

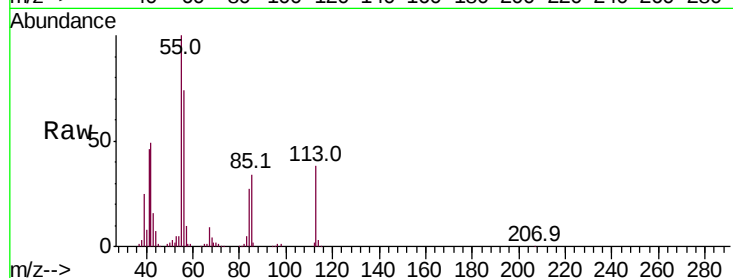
Tot Ion:113 Resp: 100086

Ion Ratio Lower Upper

113 100

55 264.9 217.4 326.2

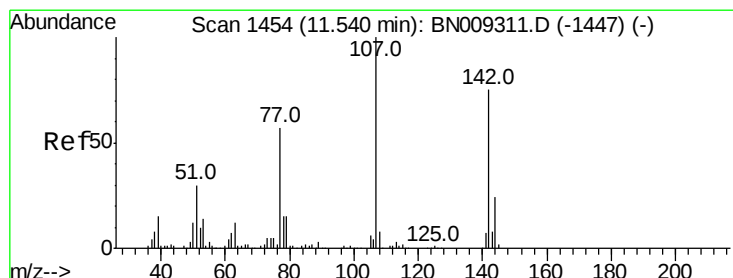
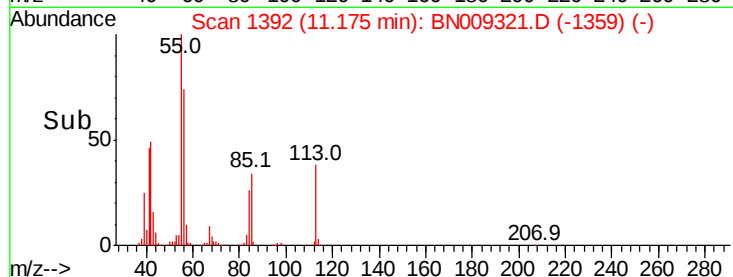
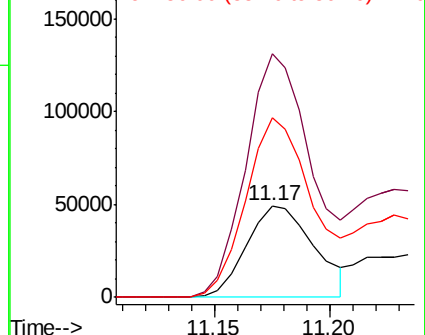
56 196.1 154.6 231.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#33

4-Chloro-3-methylphenol

Concen: 34.526 ng/ul

RT: 11.53 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

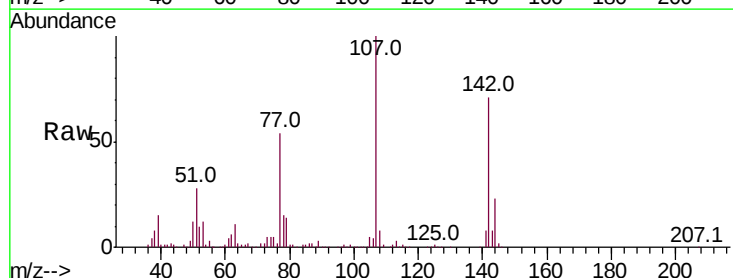
Tgt Ion:107 Resp: 641285

Ion Ratio Lower Upper

107 100

144 22.7 19.4 29.2

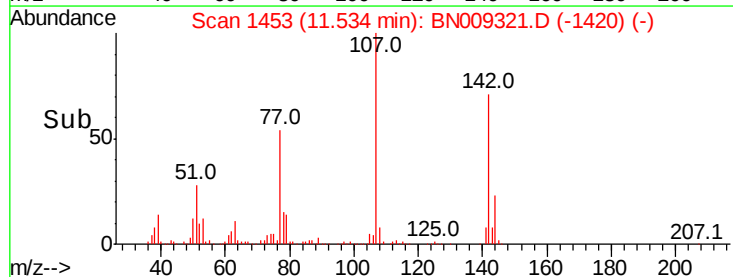
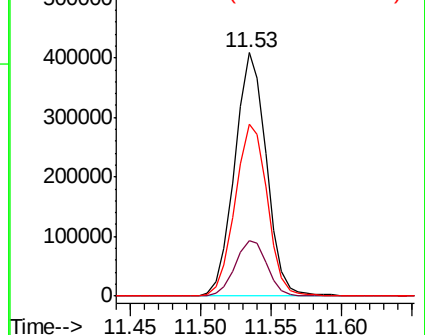
142 70.9 59.9 89.9

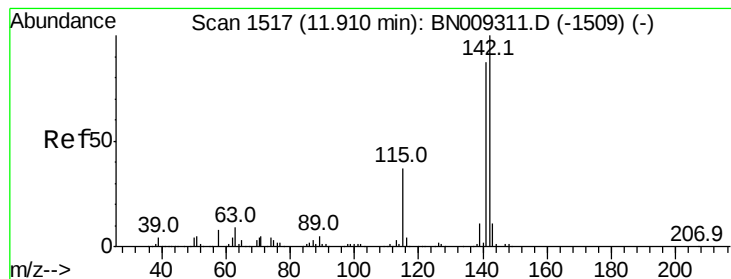


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 33.486 ng/ul

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

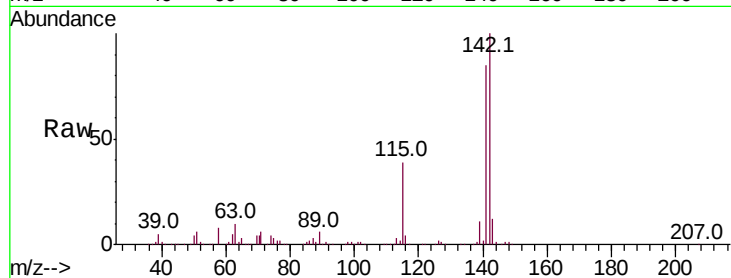
ClientSampleId :

Tot Ion:142 Resp: 1232496

Ion Ratio Lower Upper

142 100

141 85.2 69.7 104.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

800000

600000

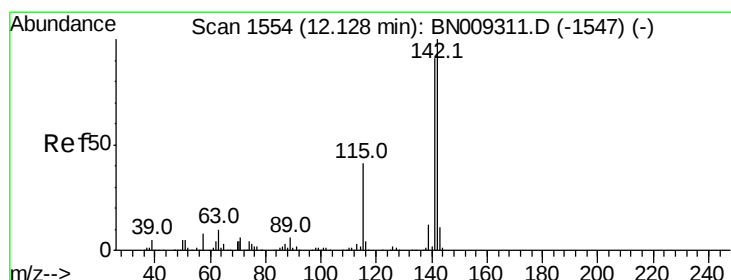
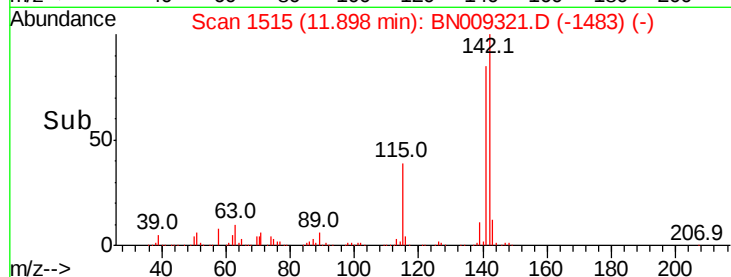
400000

200000

0

11.85 11.90 11.95

Time-->



#35

1-Methylnaphthalene

Concen: 33.384 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

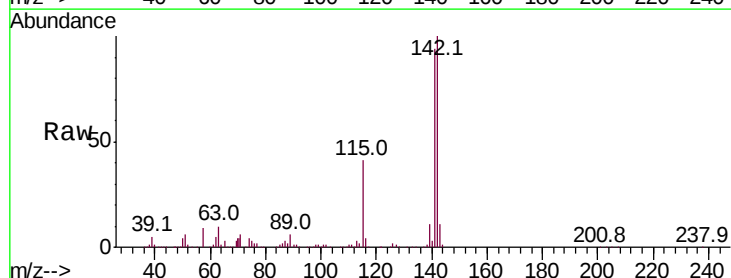
Tgt Ion:142 Resp: 1254239

Ion Ratio Lower Upper

142 100

141 94.1 73.2 109.8

116 4.2 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

1000000

800000

600000

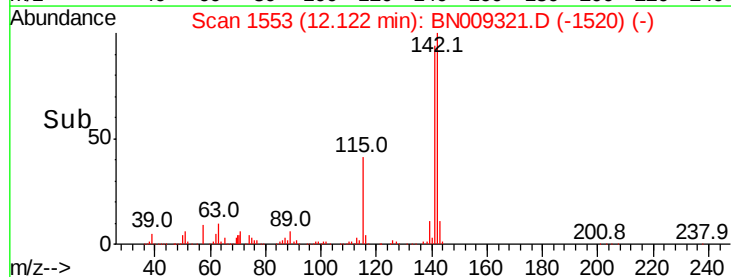
400000

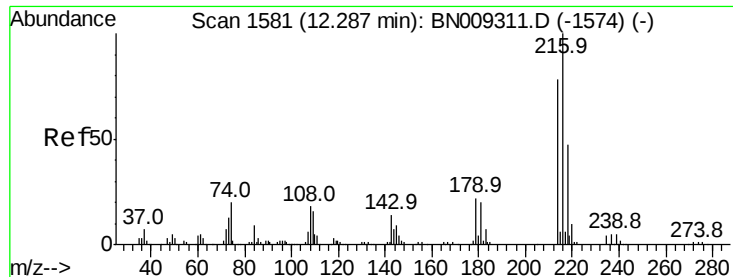
200000

0

12.05 12.10 12.15 12.20

Time-->

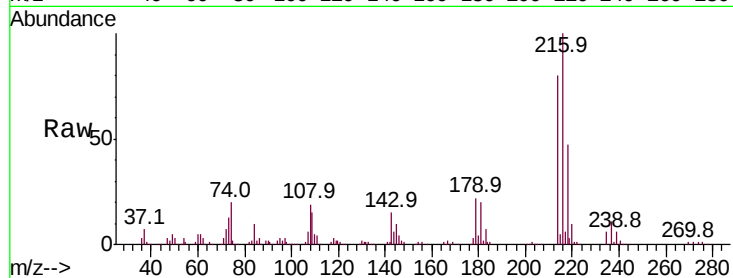




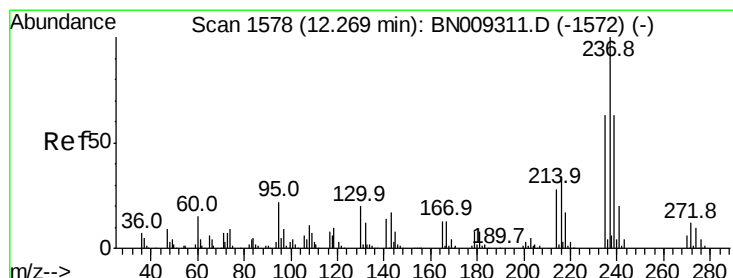
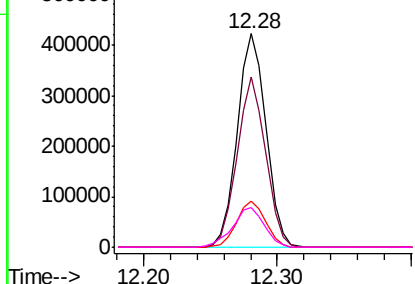
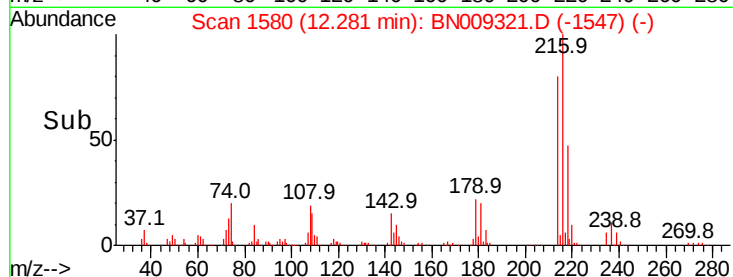
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 33.476 ng/ul  
 RT: 12.28 min Scan# 1580  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Instrument :  
 BNA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 629108 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.0  | 62.6  | 93.8   |
| 179      | 21.7  | 17.4  | 26.0   |
| 108      | 18.6  | 14.4  | 21.6   |

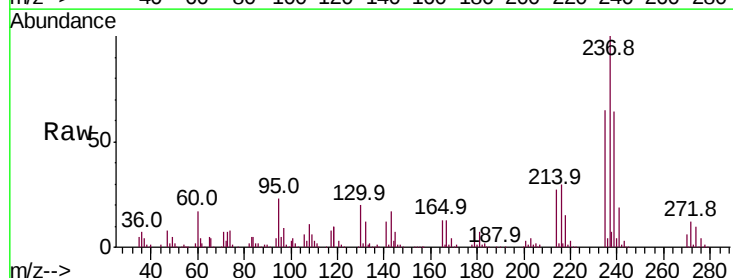


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

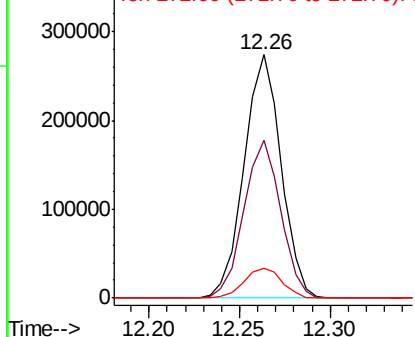
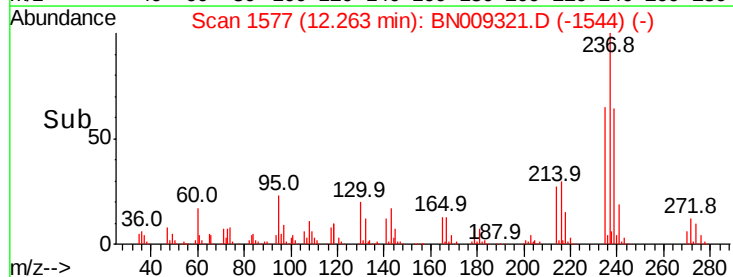


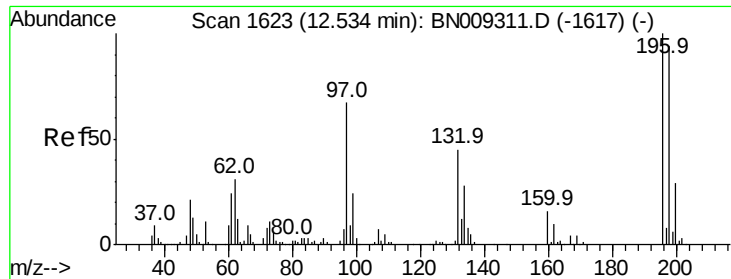
#38  
 Hexachlorocyclopentadiene  
 Concen: 33.169 ng/ul  
 RT: 12.26 min Scan# 1577  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 389815 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.7  | 50.6  | 76.0   |
| 272      | 12.5  | 9.8   | 14.8   |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

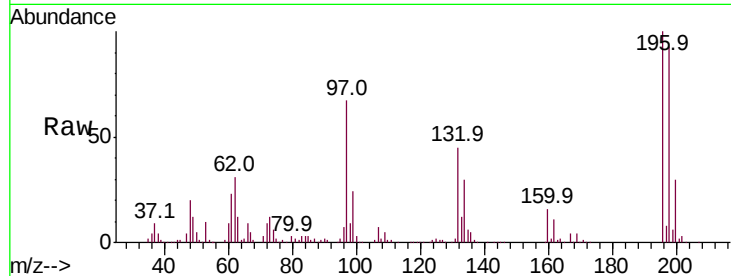




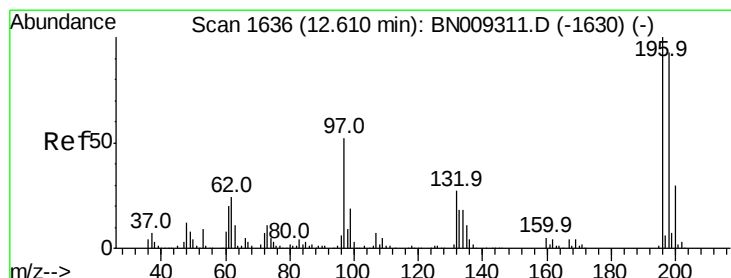
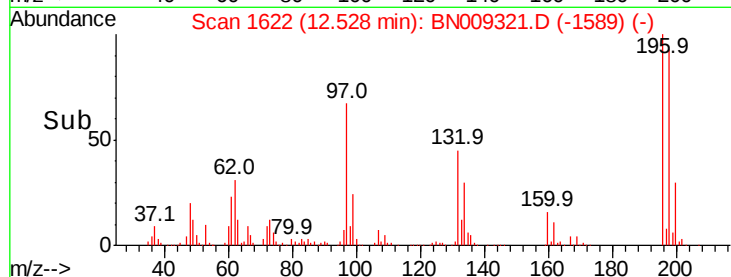
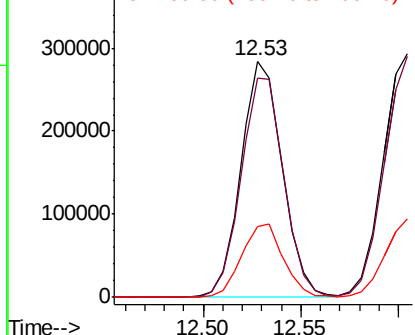
#39  
 2,4,6-Trichlorophenol  
 Concen: 34.260 ng/ul  
 RT: 12.53 min Scan# 1622  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:196 Resp: 418468  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 75.4 113.0  
 200 29.8 23.2 34.8

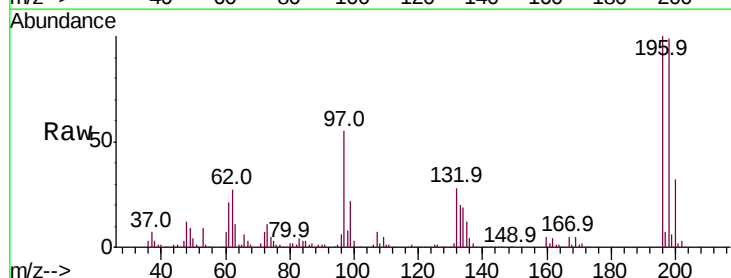


Abundance Ion 196.00 (195.70 to 196.70): E  
 400000 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

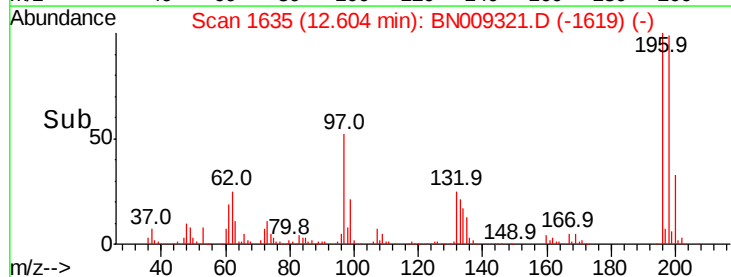
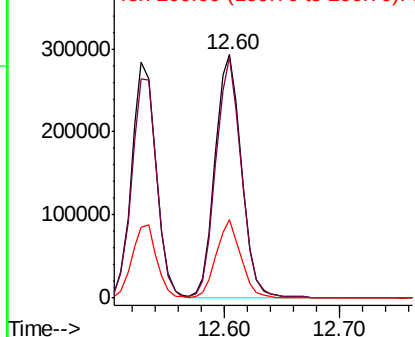


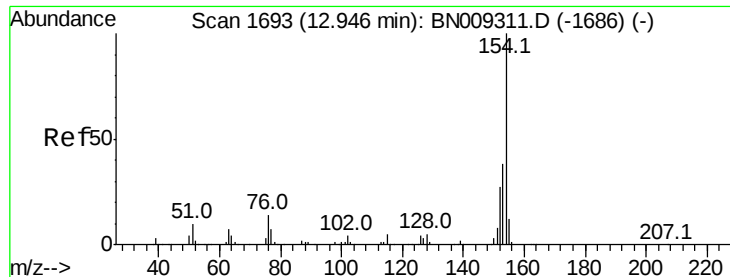
#40  
 2,4,5-Trichlorophenol  
 Concen: 35.245 ng/ul  
 RT: 12.60 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Tgt Ion:196 Resp: 462577  
 Ion Ratio Lower Upper  
 196 100  
 198 98.8 74.4 111.6  
 200 32.1 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E  
 400000 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 33.759 ng/ul

RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

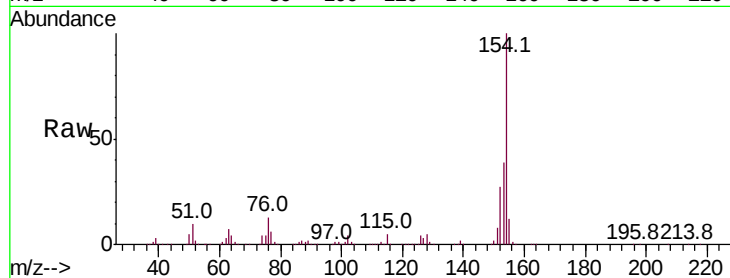
Tot Ion:154 Resp: 1642885

Ion Ratio Lower Upper

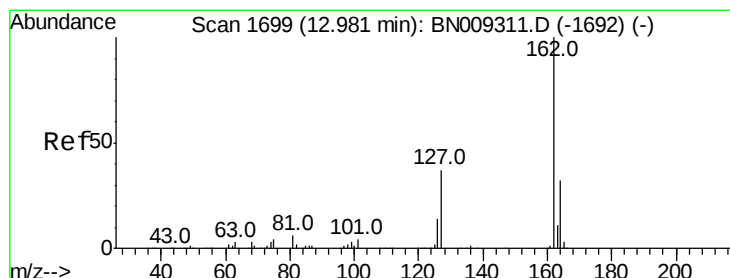
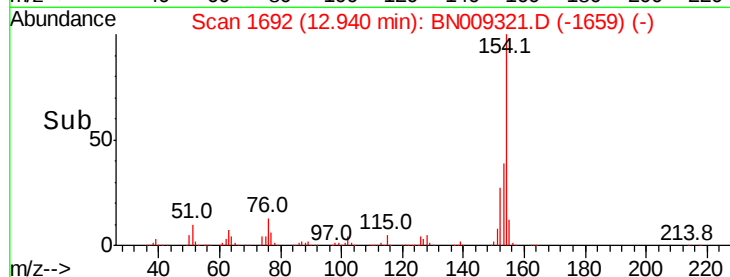
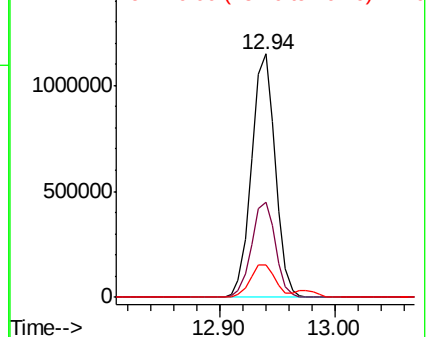
154 100

153 39.2 30.8 46.2

76 13.4 11.3 16.9



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): BNC



#42

2-Chloronaphthalene

Concen: 33.579 ng/ul

RT: 12.97 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

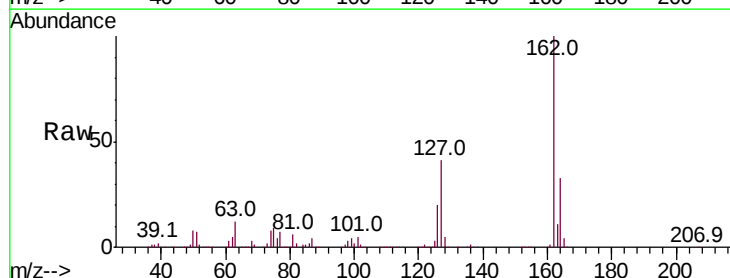
Tgt Ion:162 Resp: 1281253

Ion Ratio Lower Upper

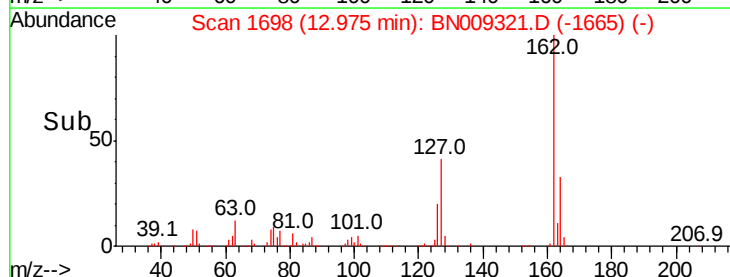
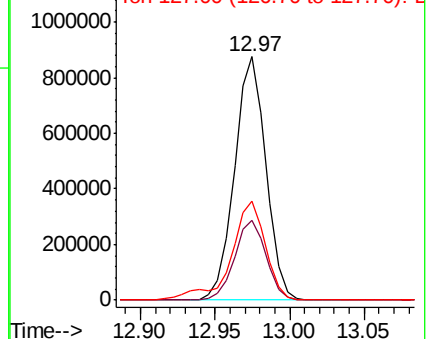
162 100

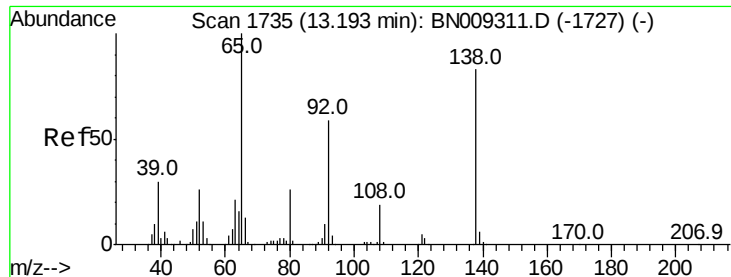
164 32.7 25.4 38.0

127 40.7 33.0 49.6



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

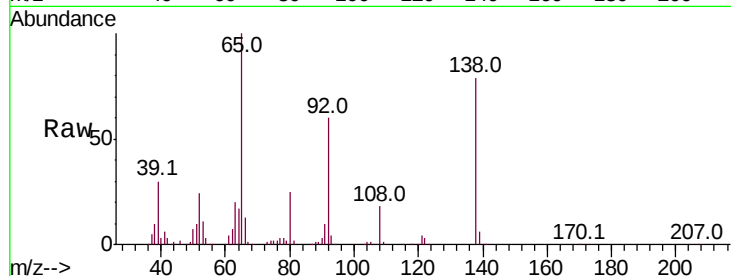




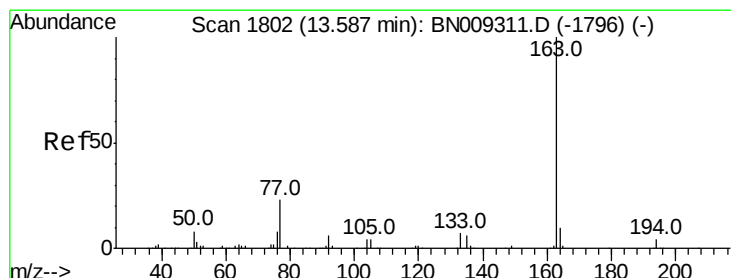
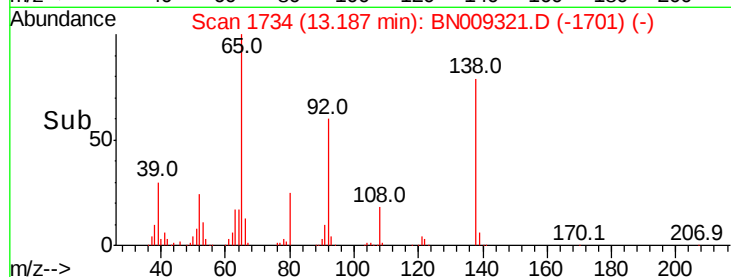
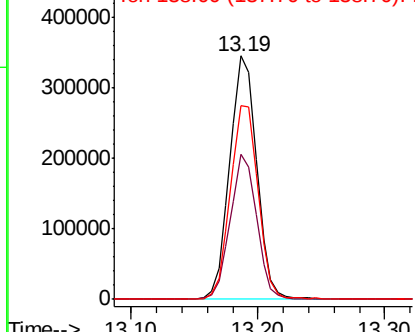
#43  
2-Nitroaniline  
Concen: 35.600 ng/ul  
RT: 13.19 min Scan# 1734  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion: 65 Resp: 509378  
Ion Ratio Lower Upper  
65 100  
92 59.5 47.2 70.8  
138 79.5 66.6 100.0

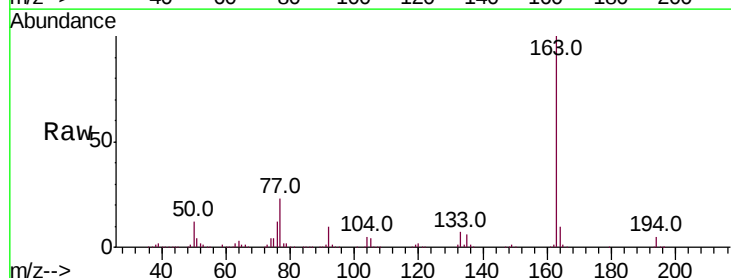


Abundance Ion 65.00 (64.70 to 65.70): BN0  
Ion 92.00 (91.70 to 92.70): BN0  
Ion 138.00 (137.70 to 138.70): E

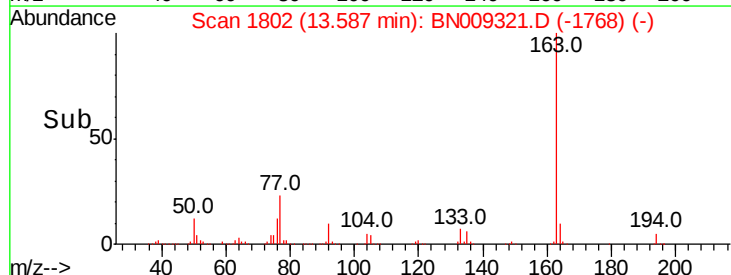
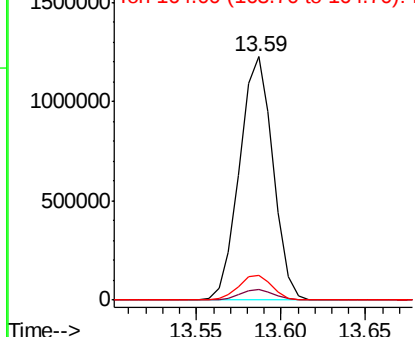


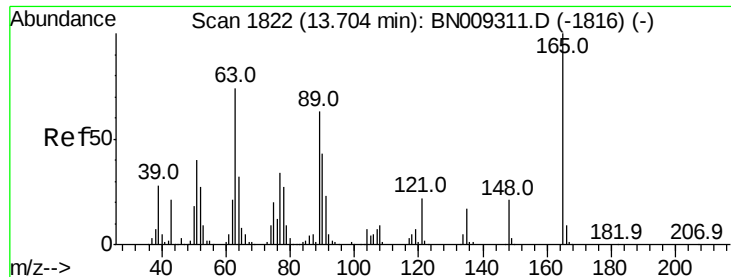
#45  
Dimethylphthalate  
Concen: 34.150 ng/ul  
RT: 13.59 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:163 Resp: 1690084  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.2 4.8  
164 10.1 8.0 12.0



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

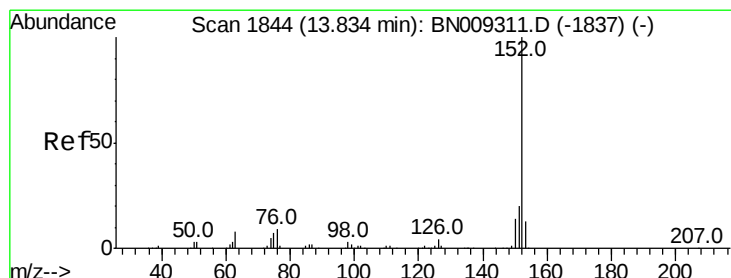
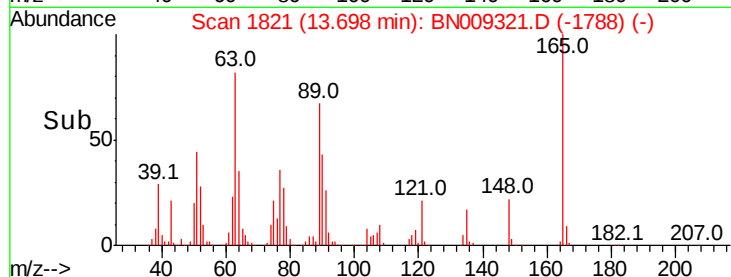
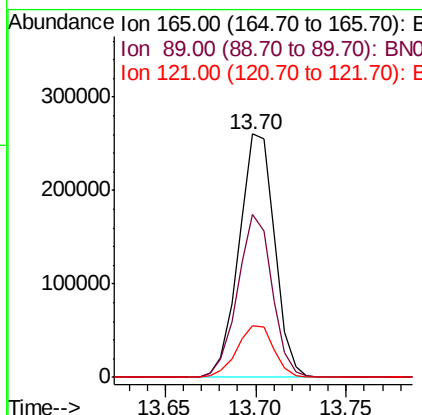
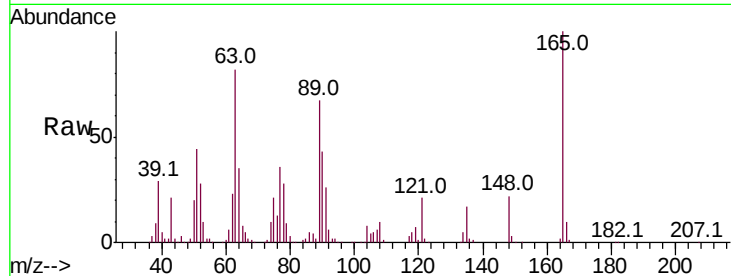




#46  
2,6-Dinitrotoluene  
Concen: 35.851 ng/ul  
RT: 13.70 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

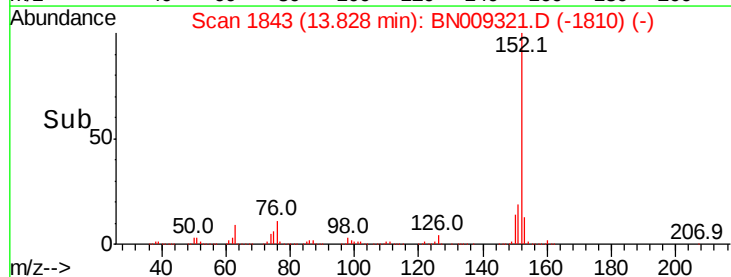
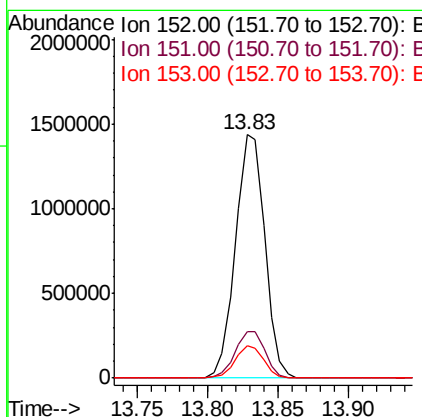
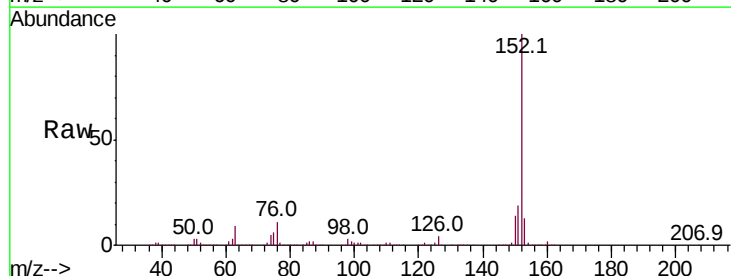
Instrument :  
BNA\_N  
ClientSampleId :

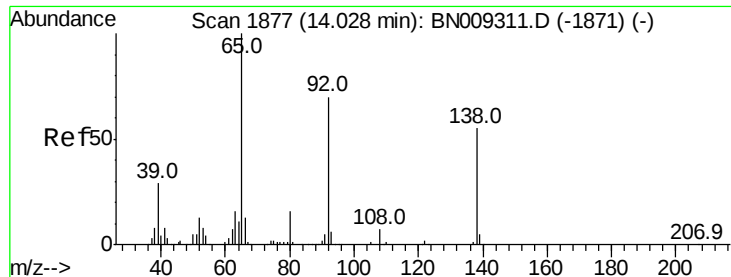
Tot Ion:165 Resp: 356073  
Ion Ratio Lower Upper  
165 100  
89 66.8 50.5 75.7  
121 21.1 17.8 26.8



#48  
Acenaphthylene  
Concen: 33.863 ng/ul  
RT: 13.83 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:152 Resp: 2083095  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.7 23.5  
153 13.2 10.6 16.0





#49

3-Nitroaniline

Concen: 40.988 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

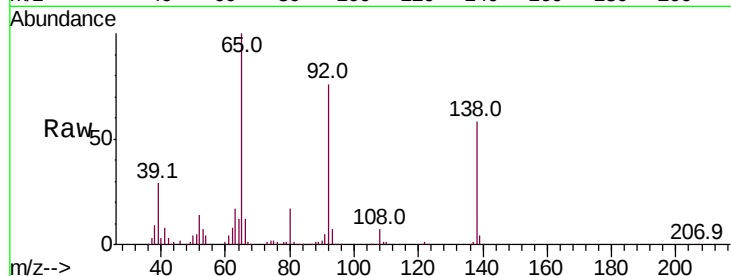
Tot Ion:138 Resp: 361142

Ion Ratio Lower Upper

138 100

108 11.4 10.4 15.6

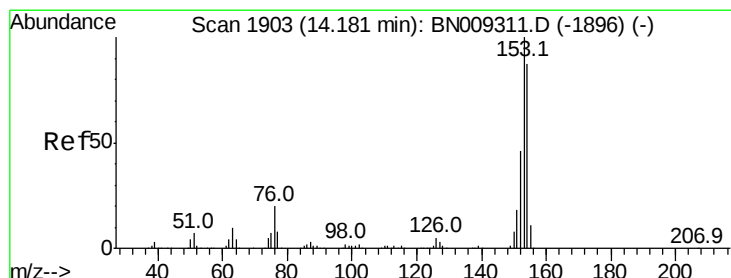
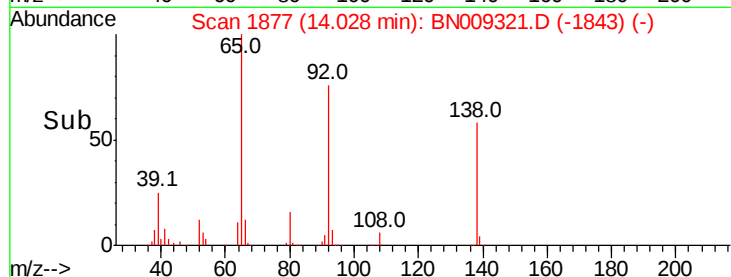
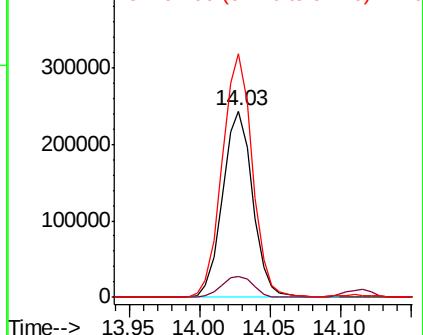
92 130.7 102.6 154.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC



#50

Acenaphthene

Concen: 33.546 ng/ul

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

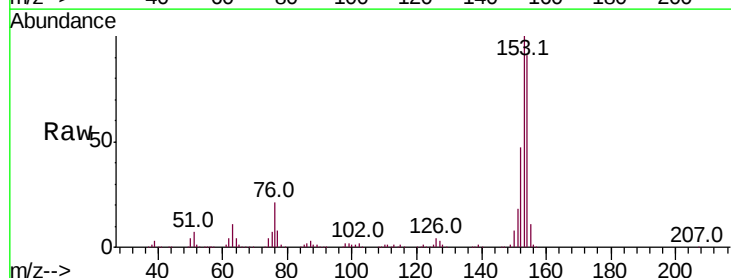
Tgt Ion:153 Resp: 1387628

Ion Ratio Lower Upper

153 100

152 46.6 37.2 55.8

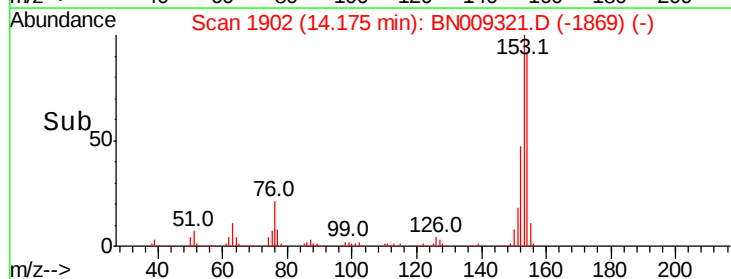
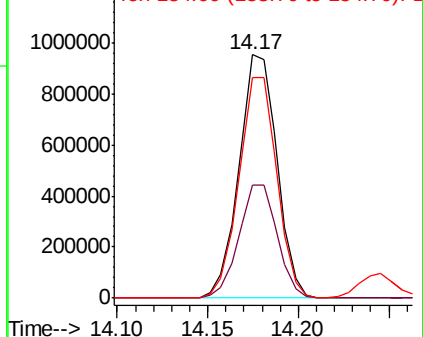
154 90.5 69.8 104.6

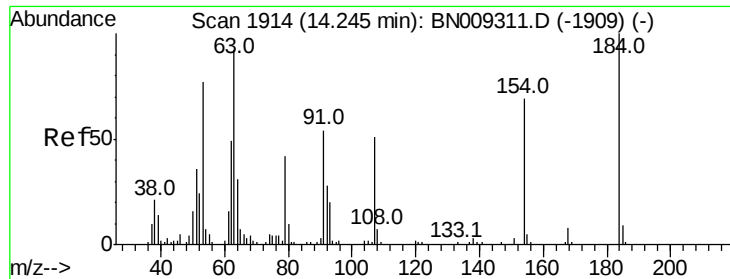


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

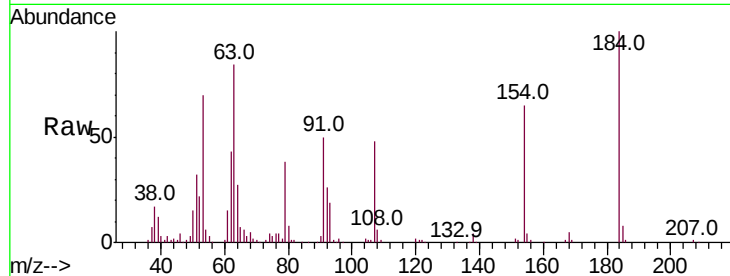




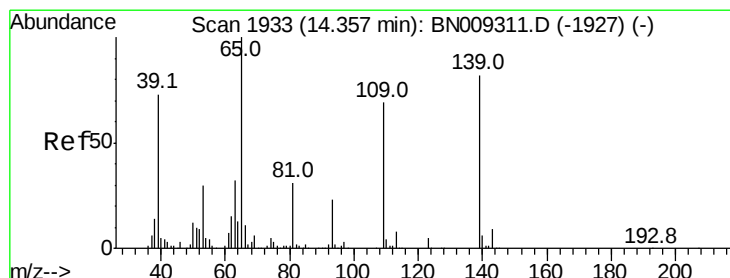
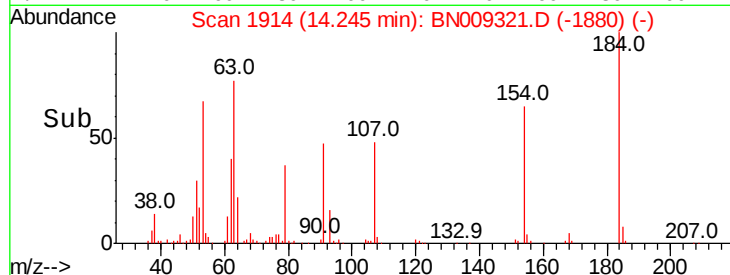
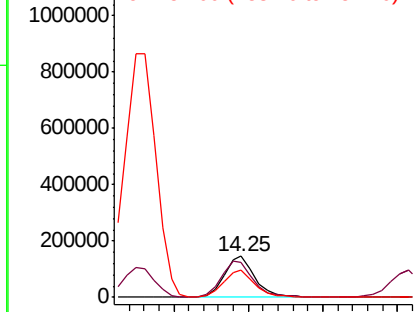
#51  
2,4-Dinitrophenol  
Concen: 34.328 ng/ul  
RT: 14.25 min Scan# 1914  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:184 Resp: 213393  
Ion Ratio Lower Upper  
184 100  
63 83.8 73.7 110.5  
154 64.9 56.5 84.7

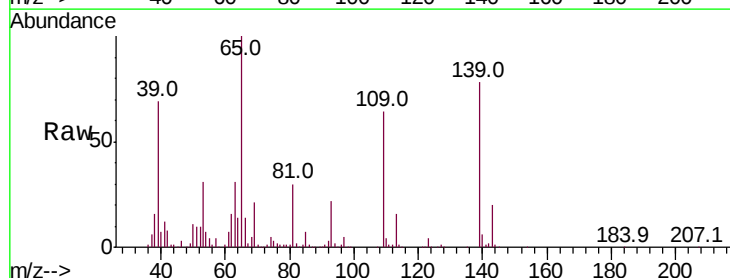


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 154.00 (153.70 to 154.70): E

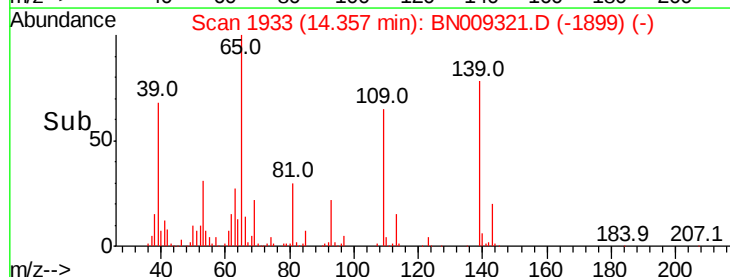
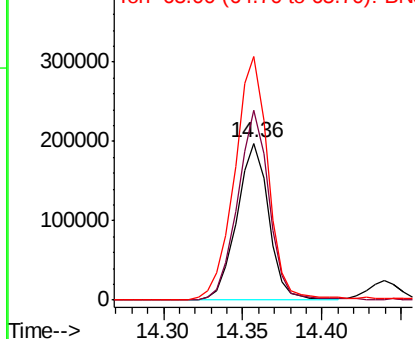


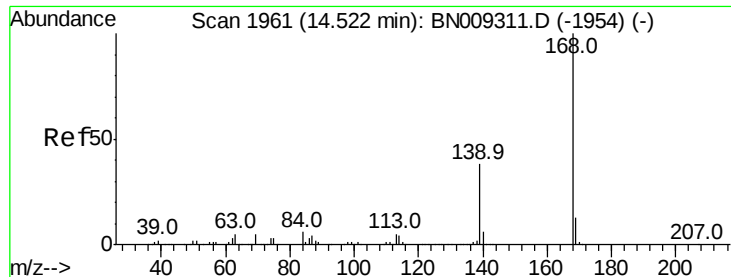
#53  
4-Nitrophenol  
Concen: 35.227 ng/ul  
RT: 14.36 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:109 Resp: 276107  
Ion Ratio Lower Upper  
109 100  
139 120.8 95.0 142.4  
65 155.2 117.7 176.5



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): BNO

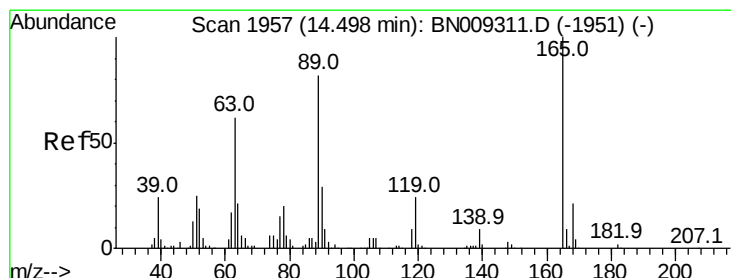
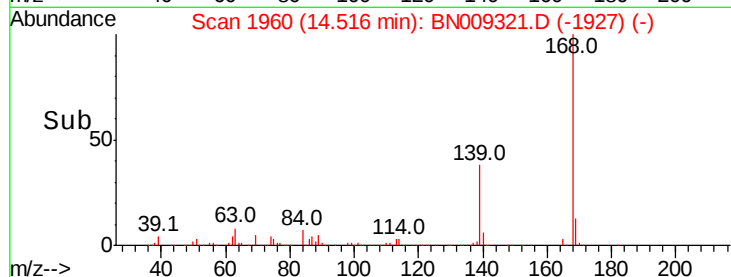
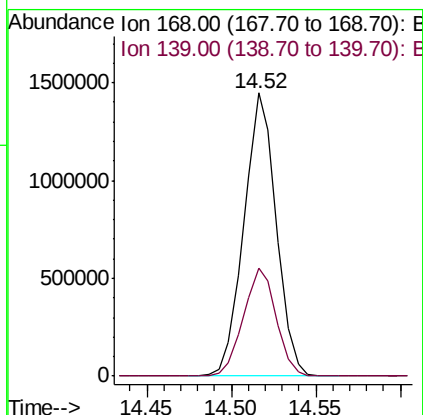
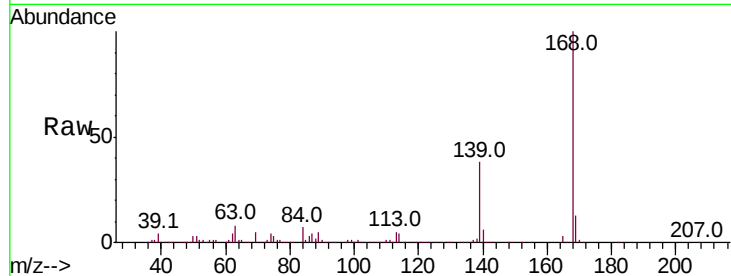




#54  
Dibenzofuran  
Concen: 33.624 ng/ul  
RT: 14.52 min Scan# 1960  
Delta R.T. -0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

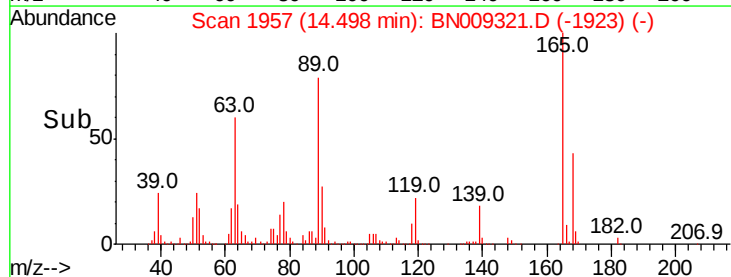
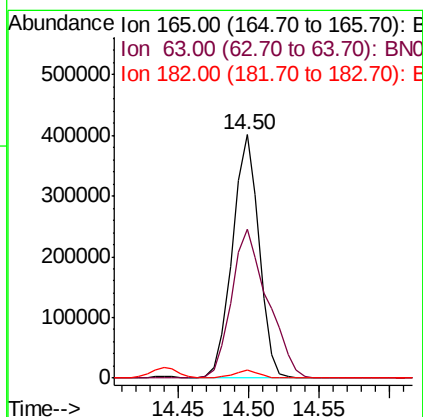
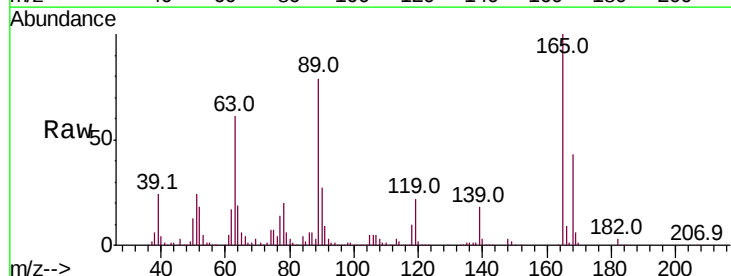
Instrument :  
BNA\_N  
ClientSampleId :

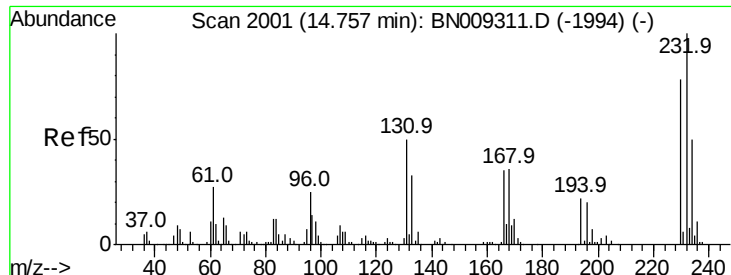
Tot Ion:168 Resp: 1924990  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.4 45.6



#55  
2,4-Dinitrotoluene  
Concen: 36.416 ng/ul  
RT: 14.50 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:165 Resp: 526741  
Ion Ratio Lower Upper  
165 100  
63 61.0 49.8 74.6  
182 3.2 2.2 3.4





#56

2,3,4,6-Tetrachlorophenol

Concen: 34.693 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:232 Resp: 398685

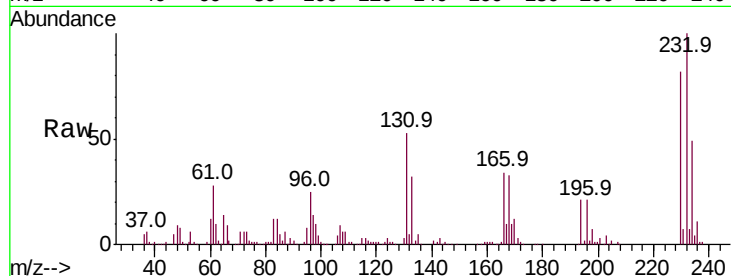
Ion Ratio Lower Upper

232 100

131 52.8 39.7 59.5

130 2.5 2.0 3.0

166 34.3 28.2 42.4

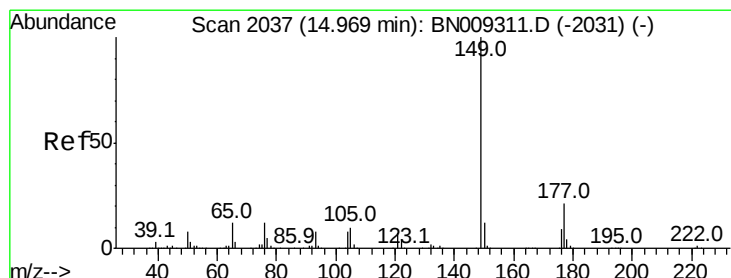
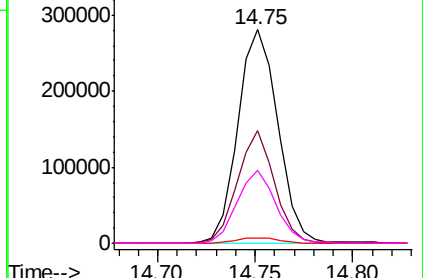
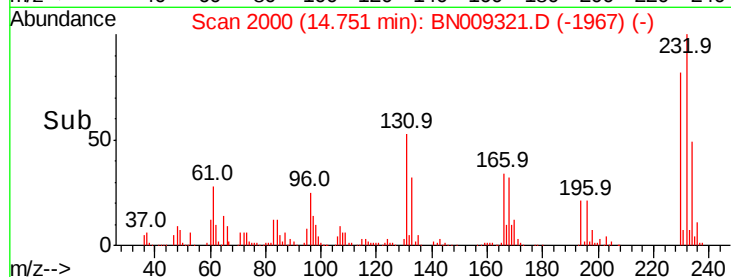


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 34.523 ng/ul

RT: 14.97 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

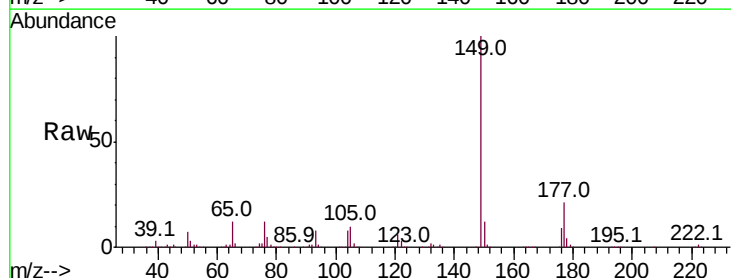
Tgt Ion:149 Resp: 1777991

Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

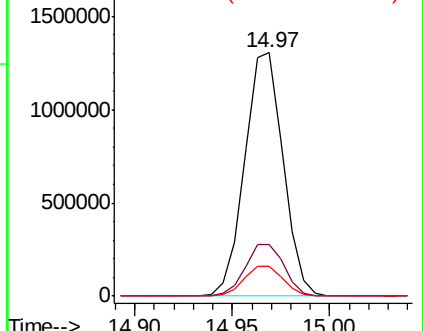
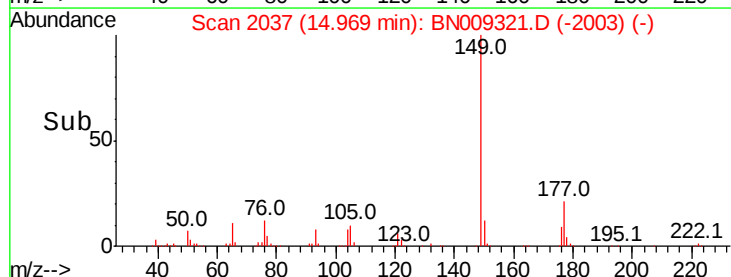
150 12.3 9.8 14.6

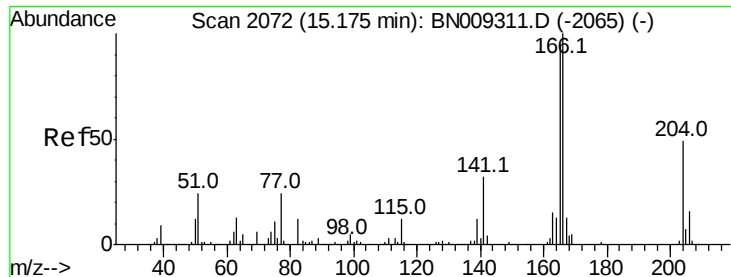


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 33.845 ng/ul

RT: 15.17 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

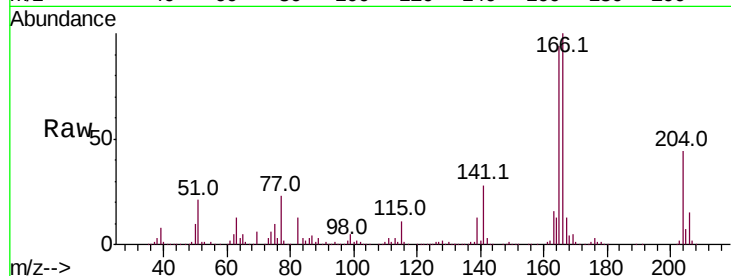
Tot Ion:166 Resp: 1631740

Ion Ratio Lower Upper

166 100

165 93.6 75.0 112.6

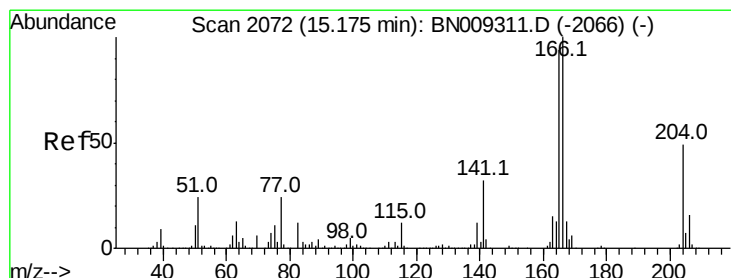
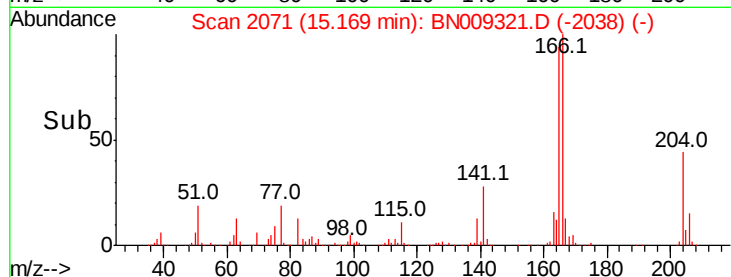
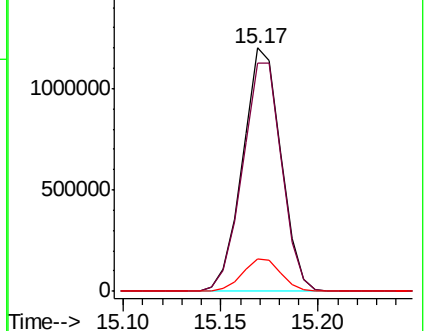
167 13.3 10.5 15.7



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



#60

4-Chlorophenyl-phenylether

Concen: 33.773 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

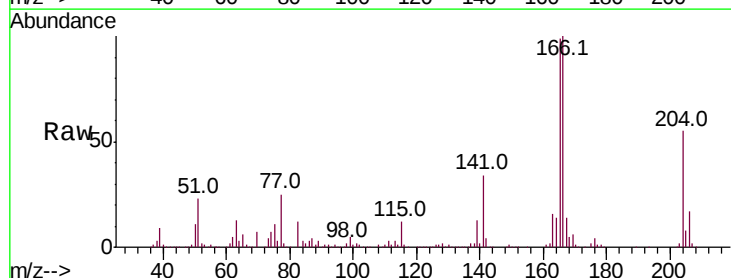
Tgt Ion:204 Resp: 812181

Ion Ratio Lower Upper

204 100

206 31.1 25.5 38.3

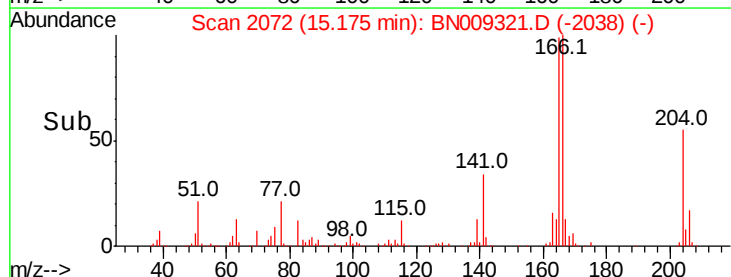
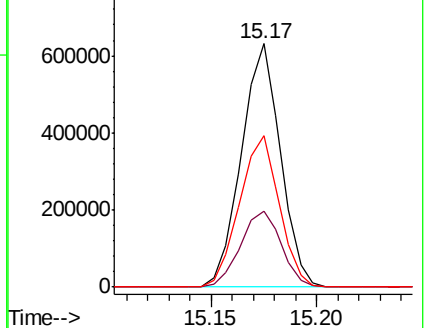
141 62.1 51.4 77.2

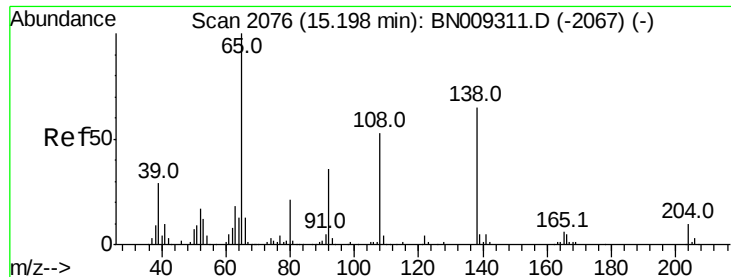


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.891 ng/ul

RT: 15.20 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

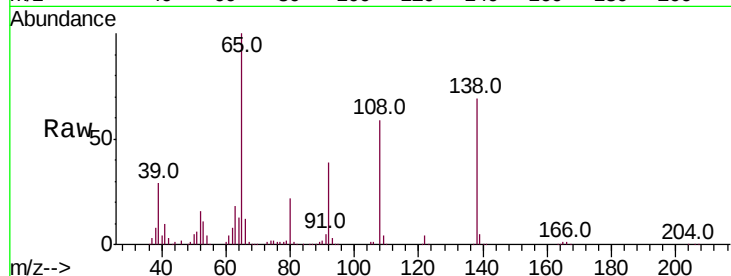
Tot Ion:138 Resp: 390719

Ion Ratio Lower Upper

138 100

92 56.1 45.0 67.6

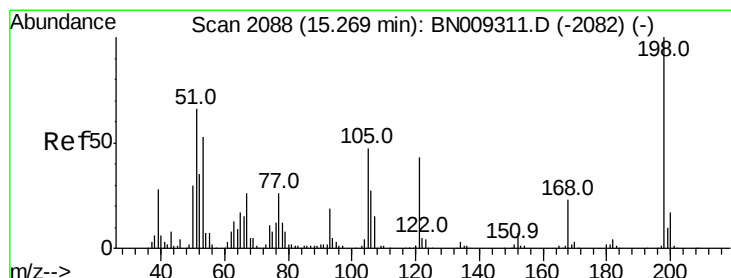
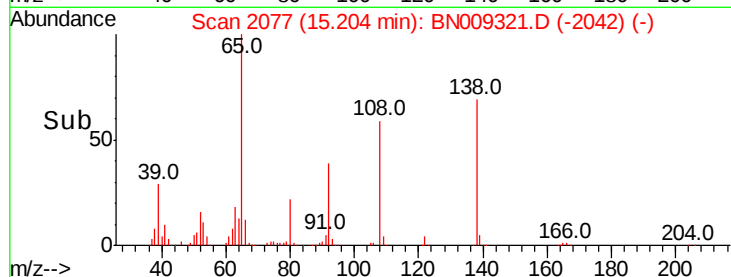
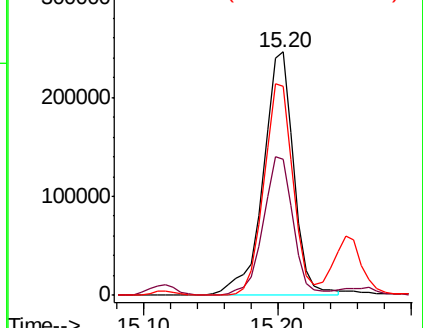
108 85.7 65.6 98.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 33.594 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

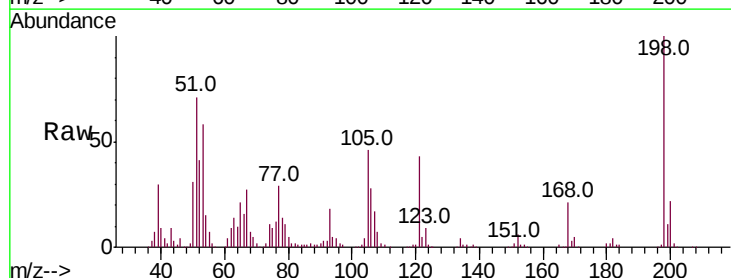
Tgt Ion:198 Resp: 326955

Ion Ratio Lower Upper

198 100

182 3.7 3.3 4.9

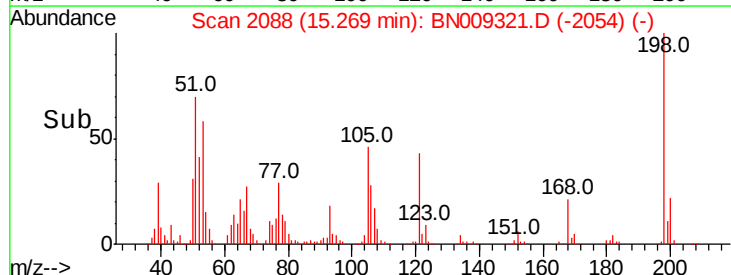
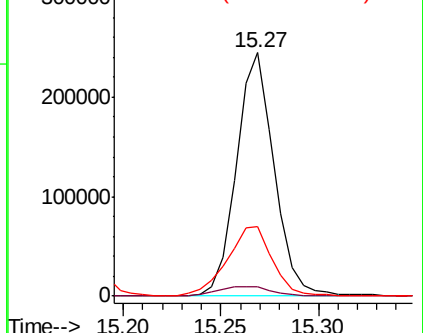
77 28.6 21.9 32.9

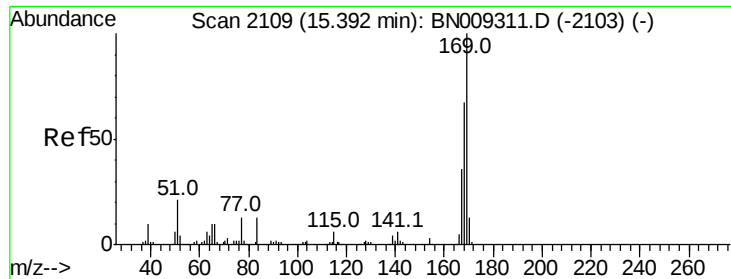


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO



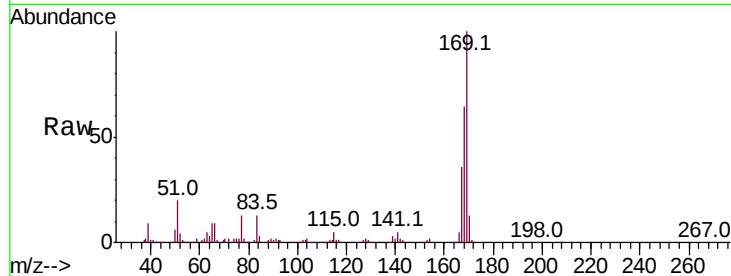


#65

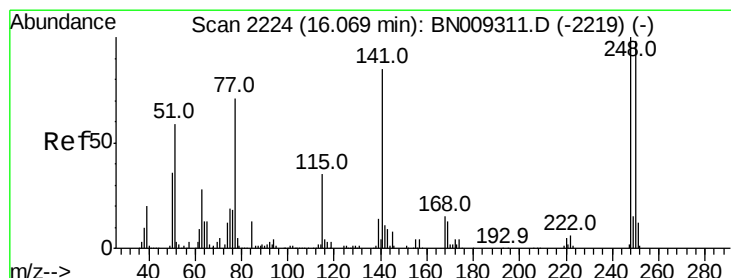
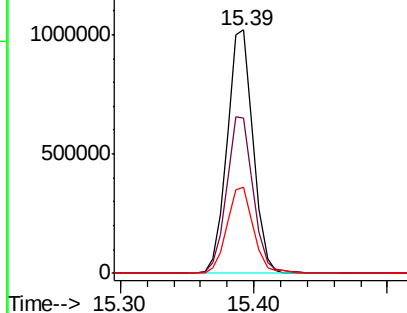
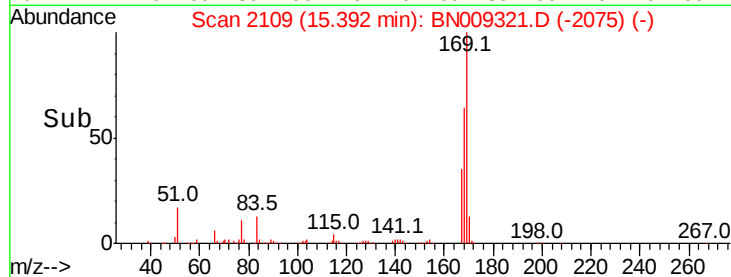
N-Nitrosodiphenylamine  
Concen: 33.027 ng/ul  
RT: 15.39 min Scan# 2109  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:169 Resp: 1390735  
Ion Ratio Lower Upper  
169 100  
168 63.7 53.4 80.2  
167 35.6 28.8 43.2



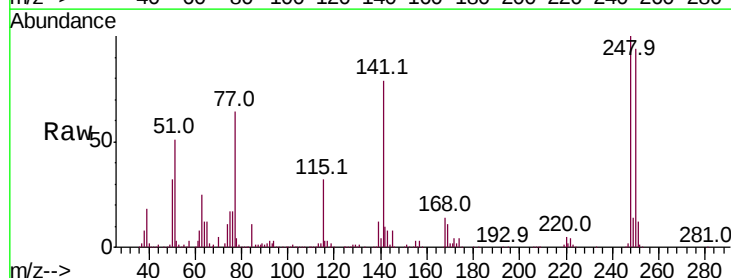
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



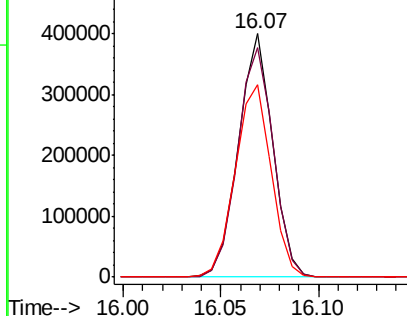
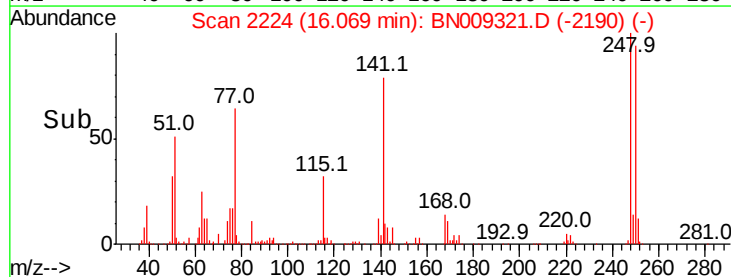
#66

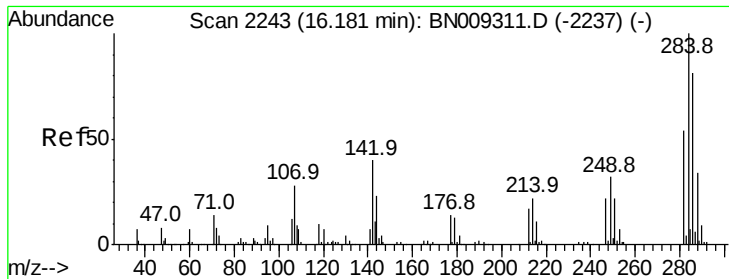
4-Bromophenyl-phenylether  
Concen: 33.027 ng/ul  
RT: 16.07 min Scan# 2224  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:248 Resp: 485848  
Ion Ratio Lower Upper  
248 100  
250 94.0 78.6 117.8  
141 78.9 68.3 102.5



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.041 ng/ul

RT: 16.18 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

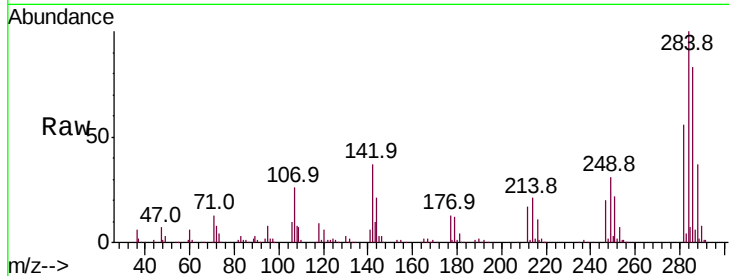
Tot Ion:284 Resp: 544984

Ion Ratio Lower Upper

284 100

142 37.1 31.6 47.4

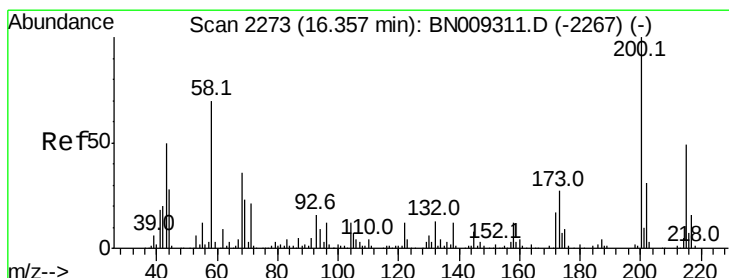
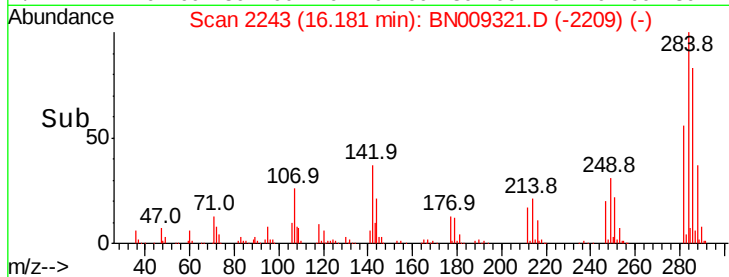
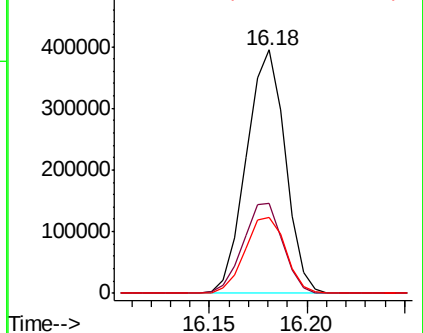
249 30.9 25.7 38.5



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.425 ng/ul

RT: 16.36 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

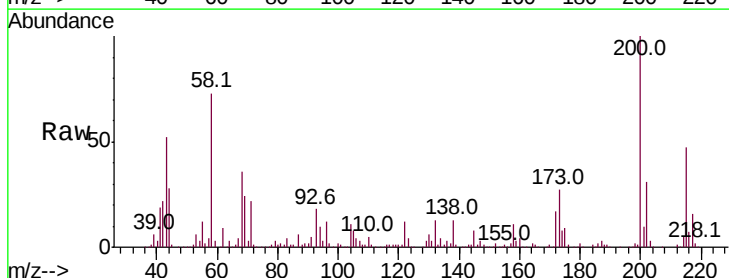
Tgt Ion:200 Resp: 551204

Ion Ratio Lower Upper

200 100

173 27.1 21.5 32.3

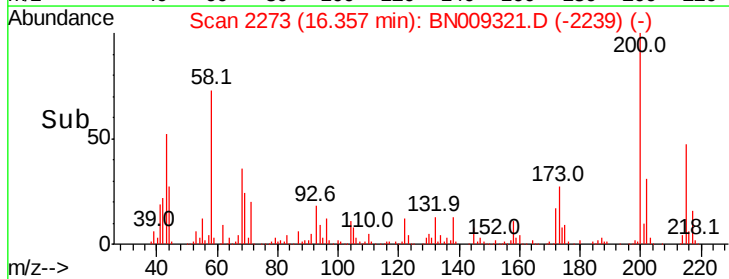
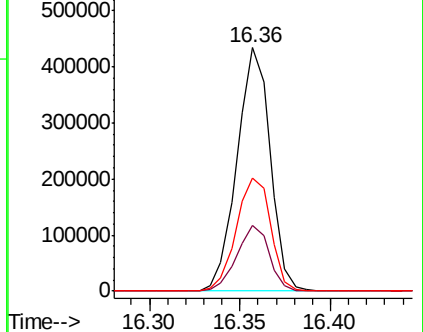
215 46.6 39.3 58.9

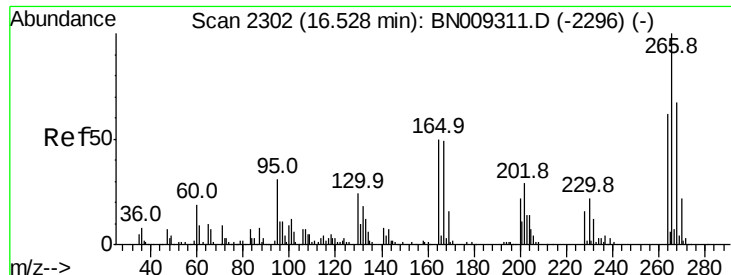


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

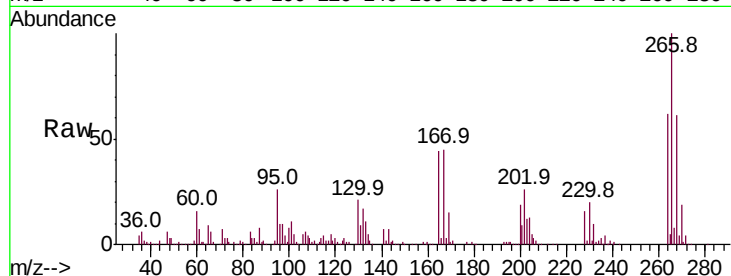




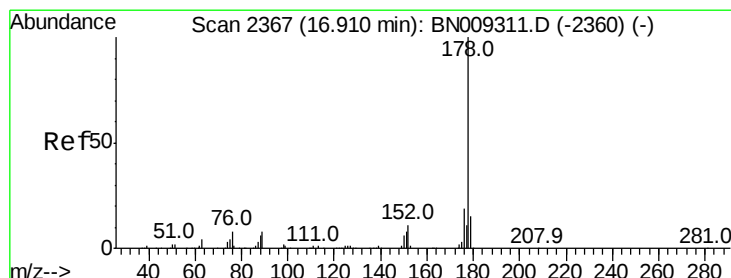
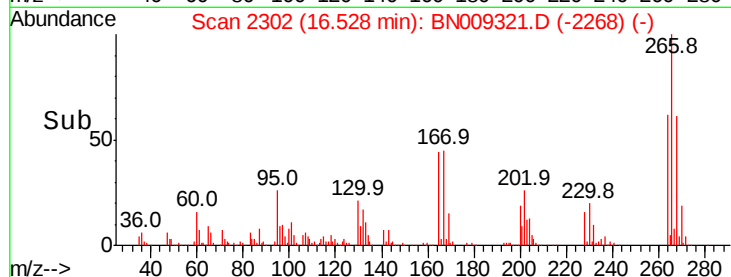
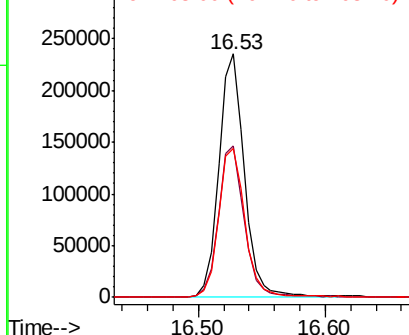
#69  
 Pentachlorophenol  
 Concen: 33.291 ng/ul  
 RT: 16.53 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:266 Resp: 331476  
 Ion Ratio Lower Upper  
 266 100  
 264 62.1 49.5 74.3  
 268 61.1 53.7 80.5

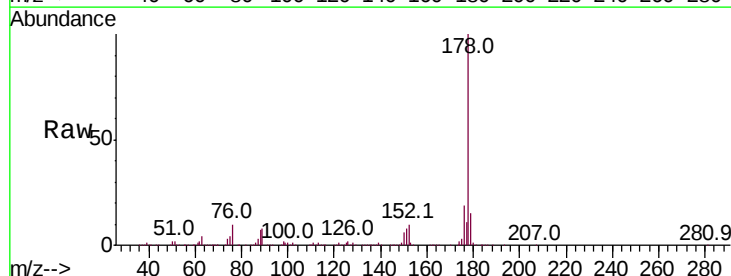


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

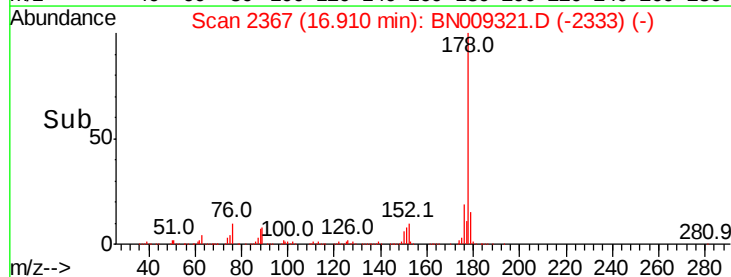
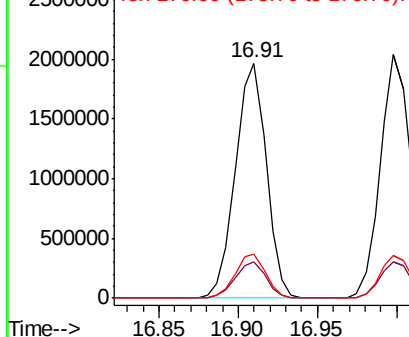


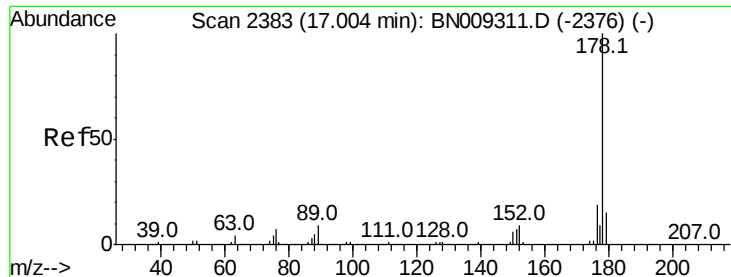
#70  
 Phenanthrene  
 Concen: 33.356 ng/ul  
 RT: 16.91 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

Tgt Ion:178 Resp: 2656052  
 Ion Ratio Lower Upper  
 178 100  
 179 15.4 12.2 18.4  
 176 19.0 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 33.619 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

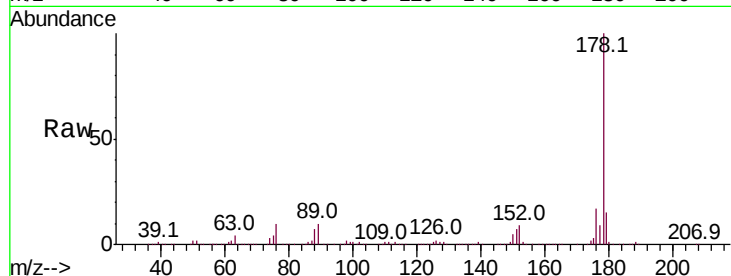
Tot Ion:178 Resp: 2706584

Ion Ratio Lower Upper

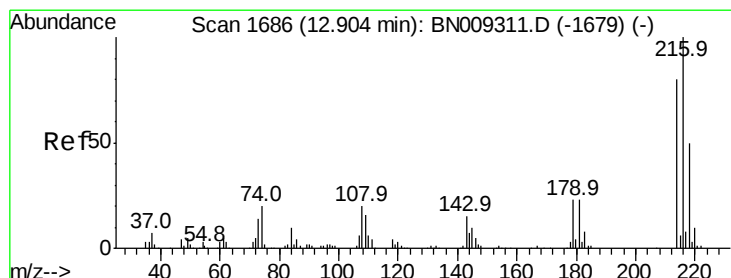
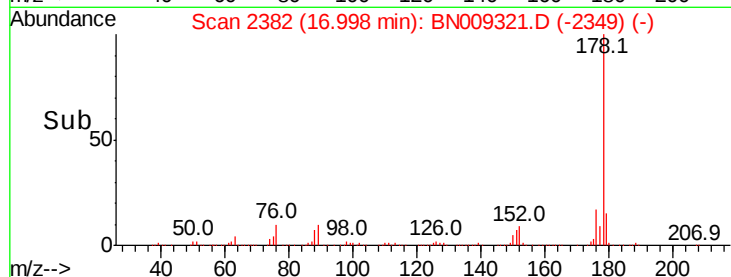
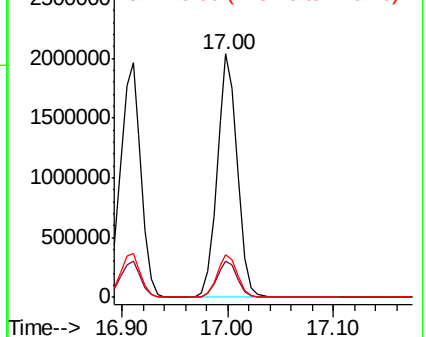
178 100

179 15.1 12.2 18.2

176 17.3 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 34.757 ng/uL

RT: 12.90 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

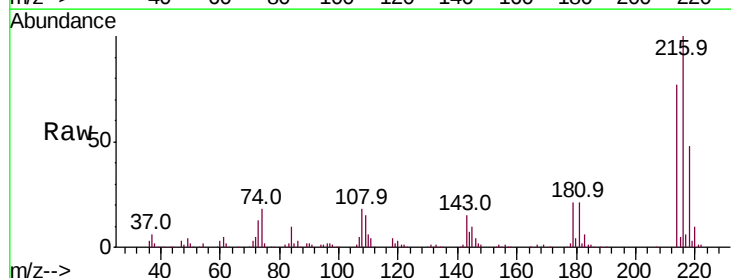
Tgt Ion:216 Resp: 677305

Ion Ratio Lower Upper

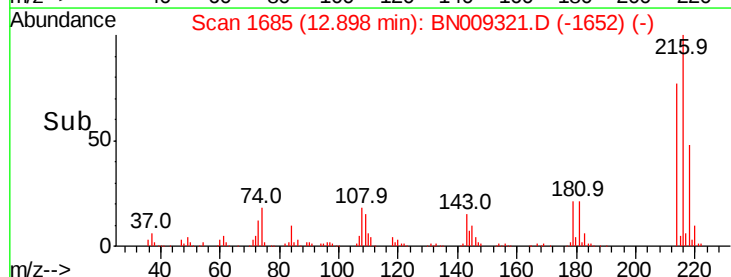
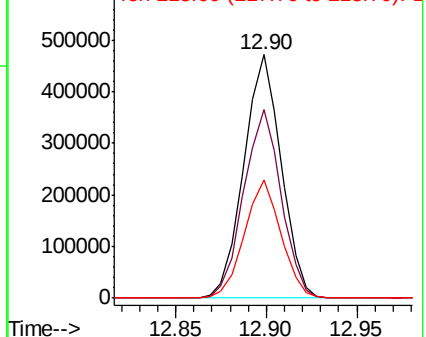
216 100

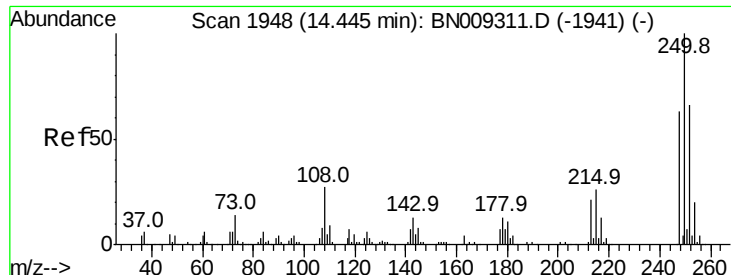
214 77.3 63.9 95.9

218 48.4 40.2 60.2



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 37.122 ng/uL

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

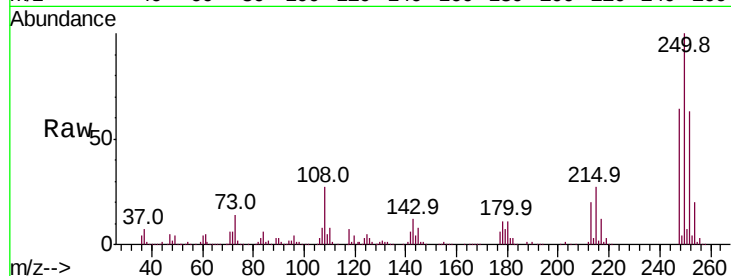
Tot Ion:250 Resp: 700471

Ion Ratio Lower Upper

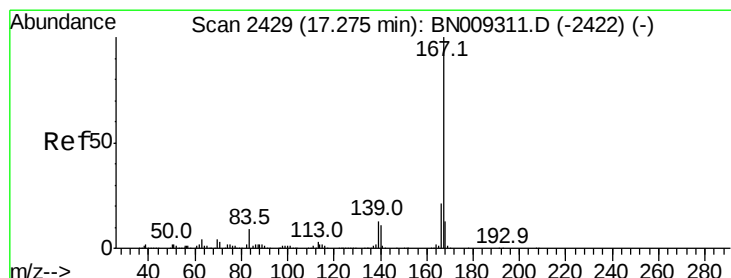
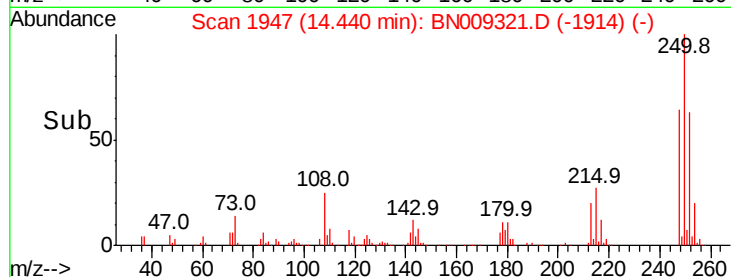
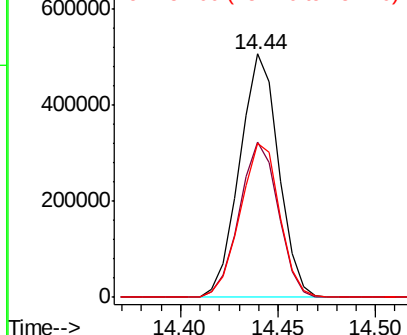
250 100

248 63.6 50.7 76.1

252 63.5 52.6 79.0



Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 33.938 ng/uL

RT: 17.27 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

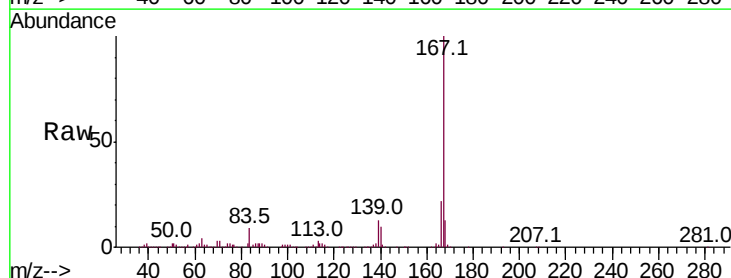
Tgt Ion:167 Resp: 2324725

Ion Ratio Lower Upper

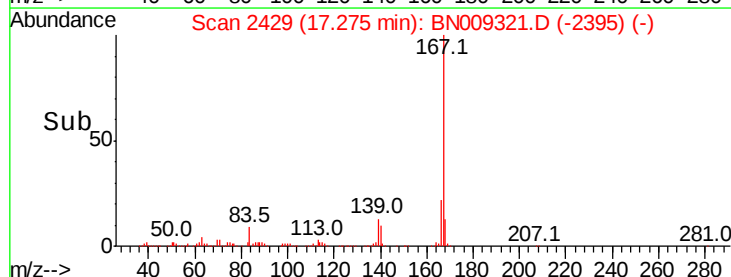
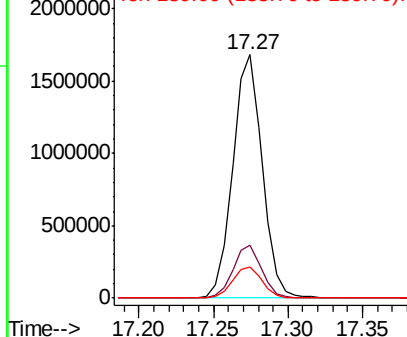
167 100

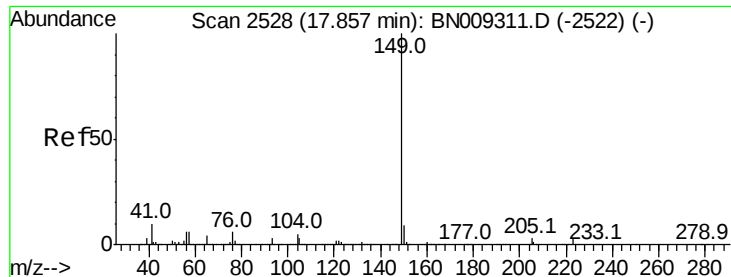
166 21.9 17.1 25.7

139 13.0 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E

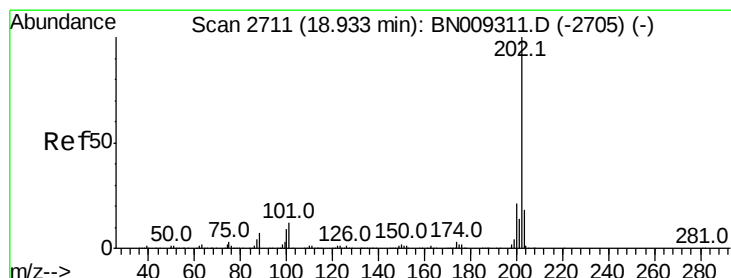
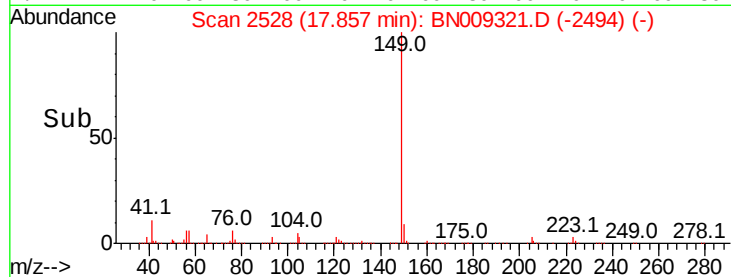
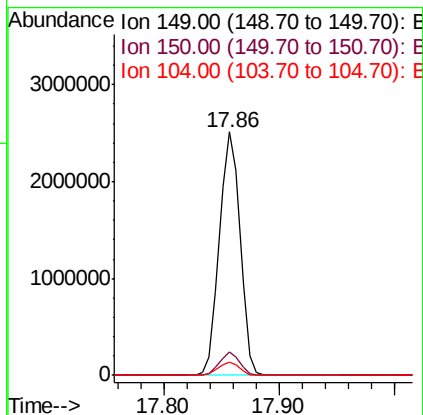
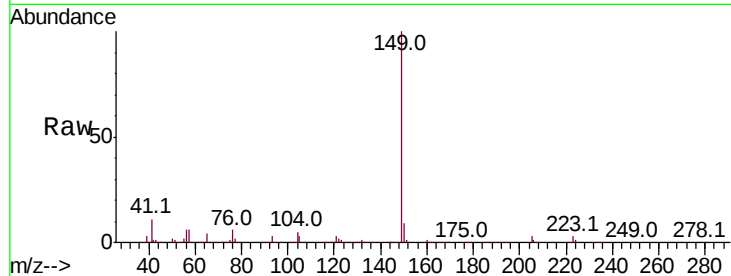




#76  
Di-n-butylphthalate  
Concen: 34.548 ng/ul  
RT: 17.86 min Scan# 2528  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

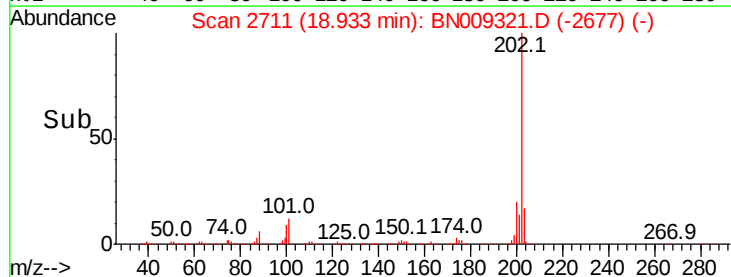
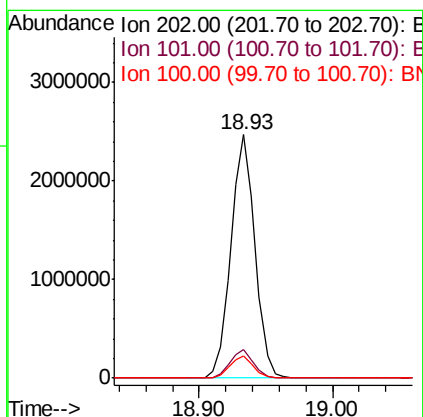
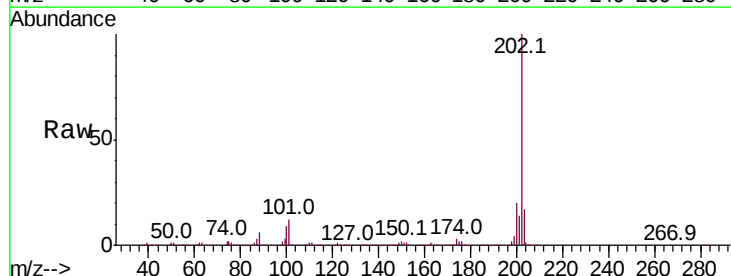
Instrument :  
BNA\_N  
ClientSampleId :

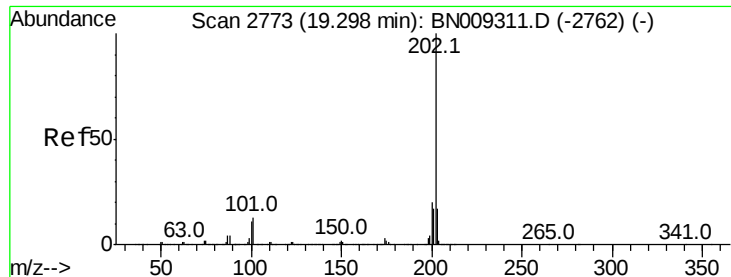
Tot Ion:149 Resp: 3123725  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.2 10.8  
104 5.4 4.3 6.5



#77  
Fluoranthene  
Concen: 33.903 ng/ul  
RT: 18.93 min Scan# 2711  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:202 Resp: 3102835  
Ion Ratio Lower Upper  
202 100  
101 11.5 9.6 14.4  
100 9.2 7.1 10.7

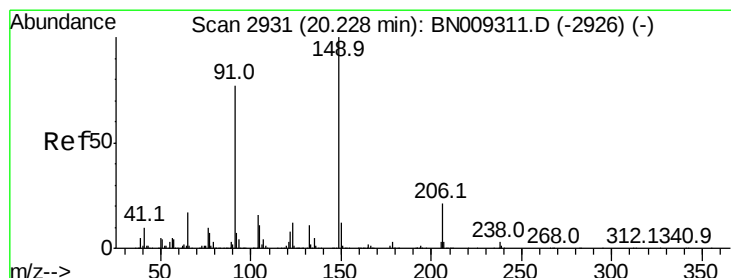
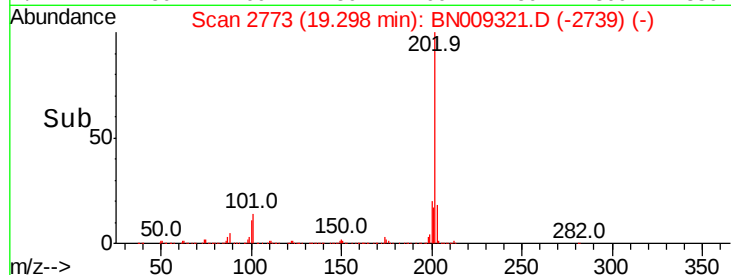
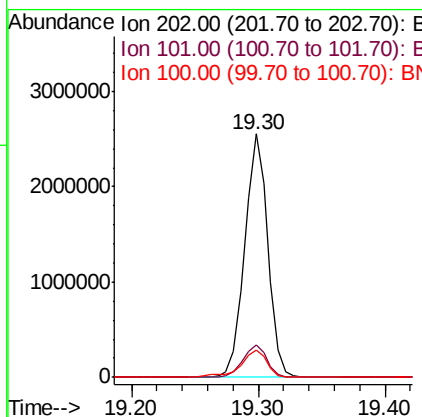
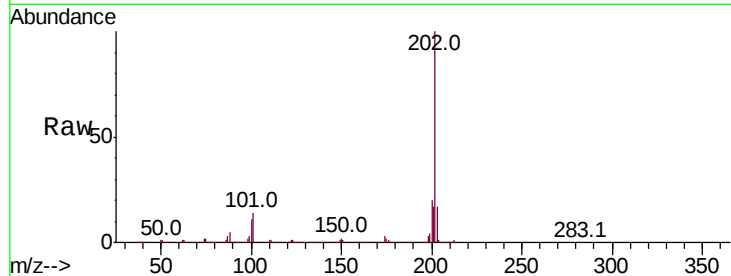




#80  
Pvrene  
Concen: 34.525 ng/ul  
RT: 19.30 min Scan# 2773  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

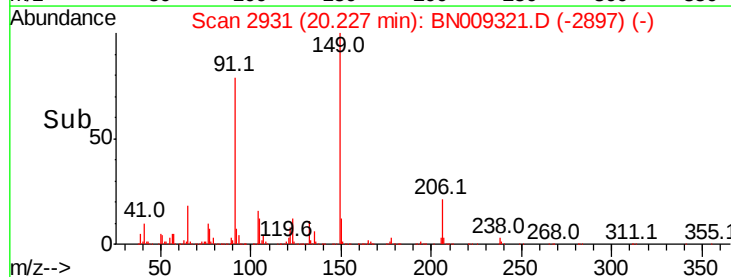
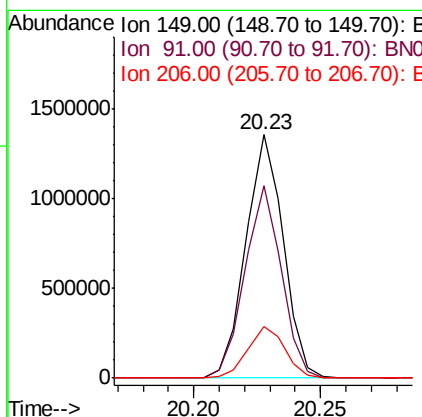
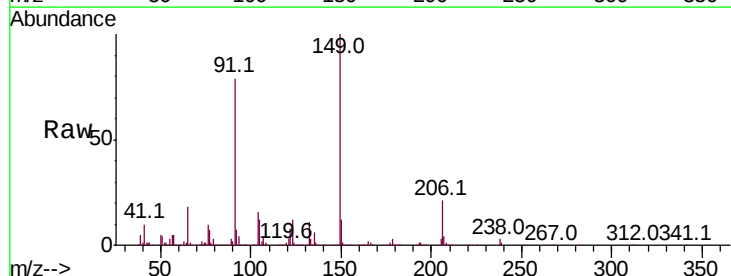
Instrument :  
BNA\_N  
ClientSampleId :

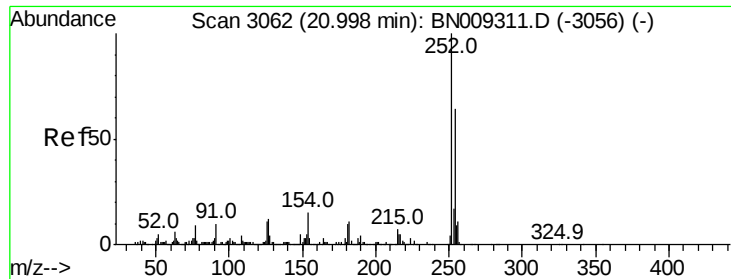
Tot Ion:202 Resp: 3213336  
Ion Ratio Lower Upper  
202 100  
101 13.6 10.4 15.6  
100 11.2 8.6 12.8



#81  
Butylbenzylphthalate  
Concen: 35.790 ng/ul  
RT: 20.23 min Scan# 2931  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:149 Resp: 1396944  
Ion Ratio Lower Upper  
149 100  
91 78.8 61.9 92.9  
206 21.3 16.8 25.2



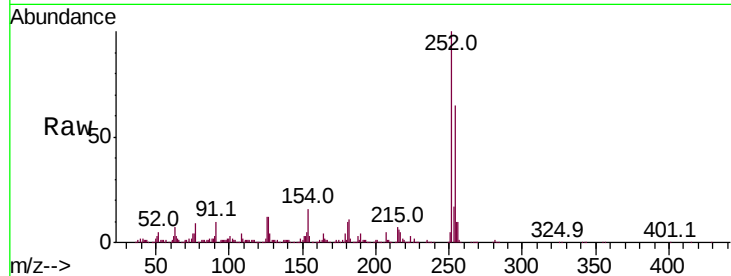


#82  
 3,3'-Dichlorobenzidine  
 Concen: 40.177 ng/ul  
 RT: 21.00 min Scan# 3062  
 Delta R.T. -0.00 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

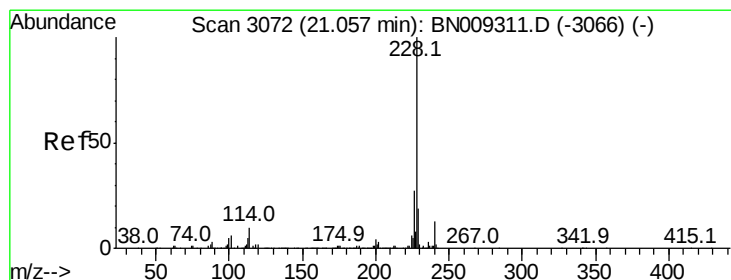
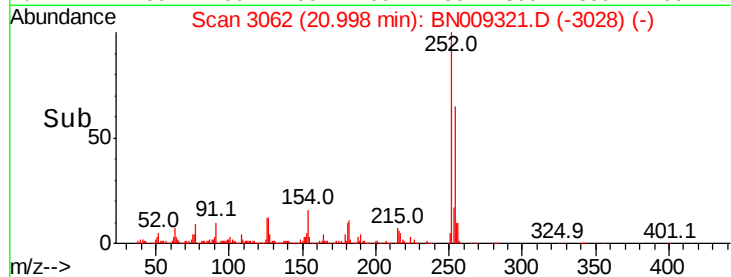
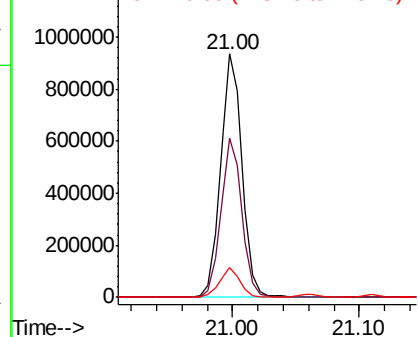
Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:252 Resp: 1100778  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 51.6  | 77.4  |
| 126 | 12.3  | 9.0   | 13.6  |



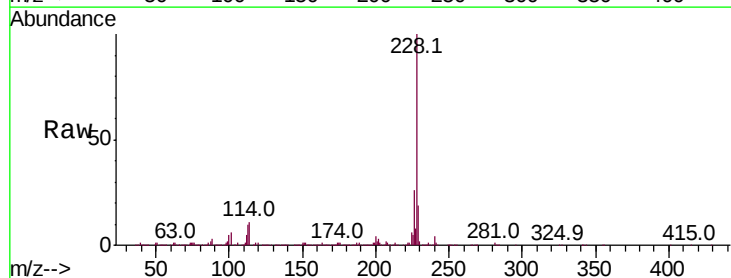
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E



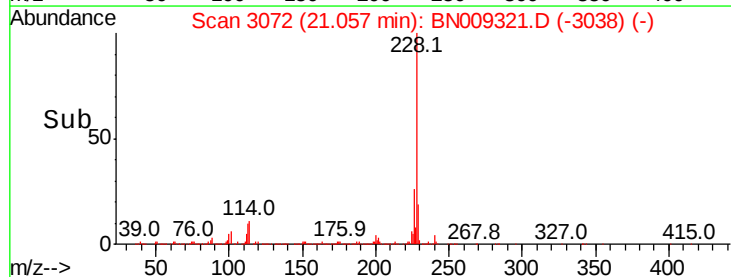
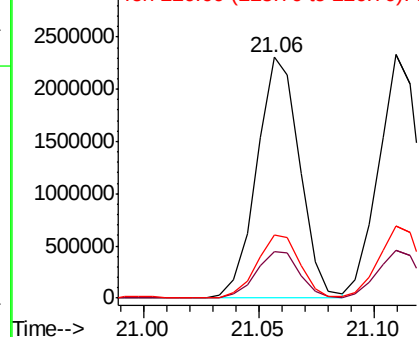
#83  
 Benzo(a)anthracene  
 Concen: 34.023 ng/ul  
 RT: 21.06 min Scan# 3072  
 Delta R.T. -0.00 min  
 Lab File: BN009321.D  
 Acq: 07 Jan 2020 19:39

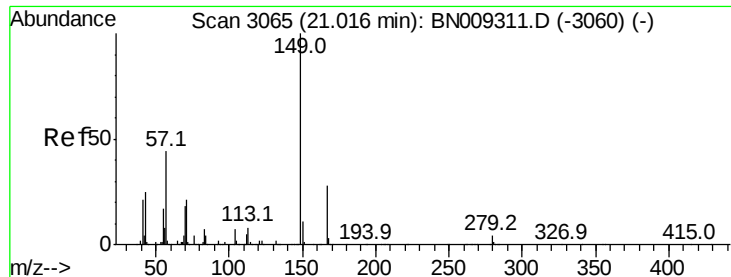
Tgt Ion:228 Resp: 2988686  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.2  | 15.4  | 23.0  |
| 226 | 26.0  | 21.5  | 32.3  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 229.00 (228.70 to 229.70): E  
 Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.570 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

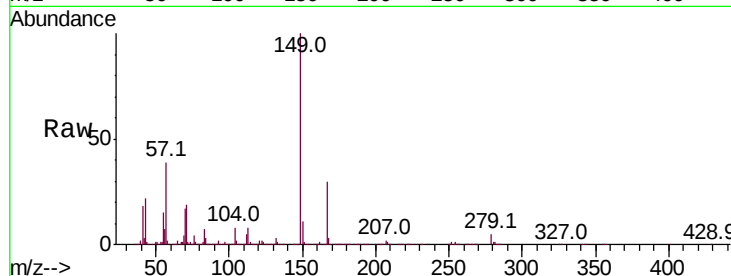
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:149 Resp: 2094254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.7  | 22.2  | 33.2  |
| 279 | 4.9   | 3.4   | 5.0   |

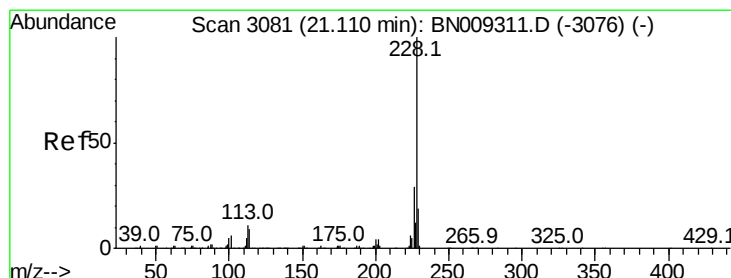
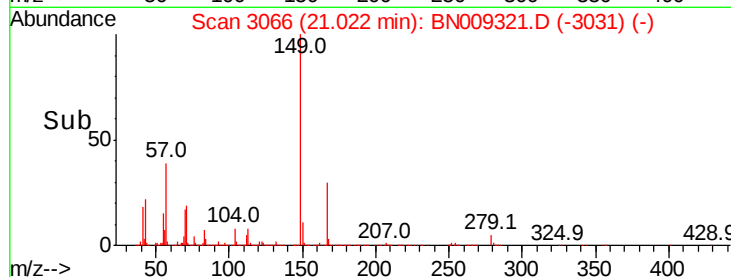
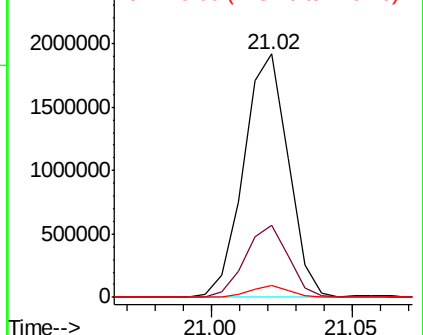


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 33.149 ng/ul

RT: 21.11 min Scan# 3081

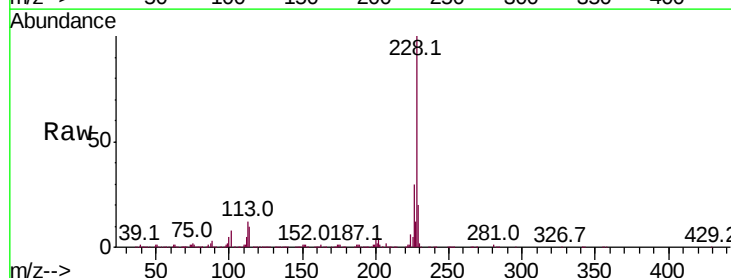
Delta R.T. -0.00 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Tgt Ion:228 Resp: 2833557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 23.4  | 35.2  |
| 229 | 19.9  | 14.9  | 22.3  |

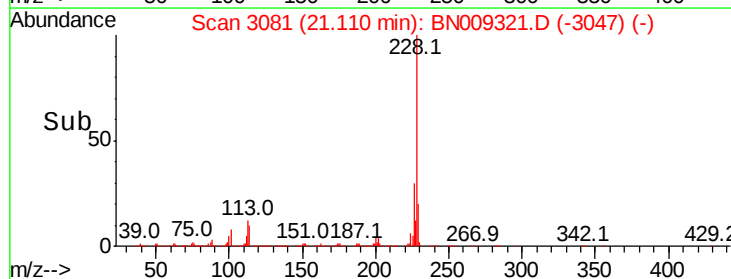
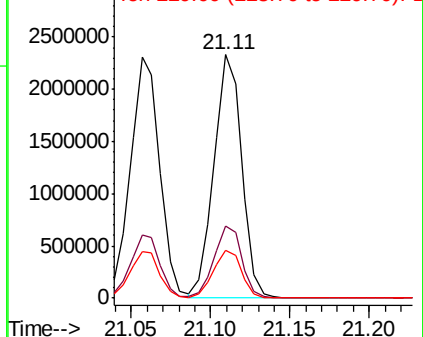


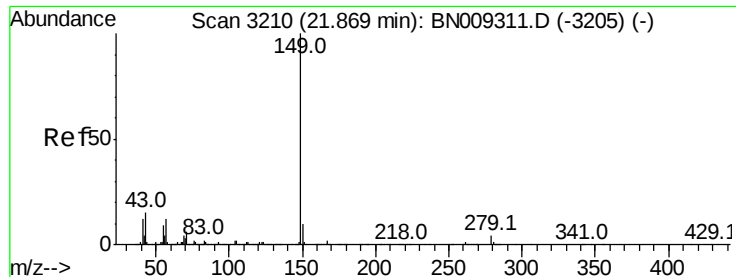
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 36.427 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. 0.01 min

Lab File: BN009321.D

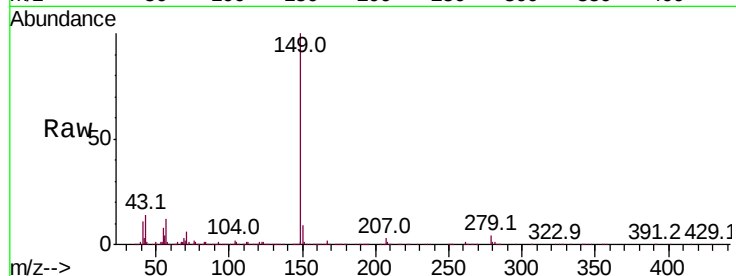
Acq: 07 Jan 2020 19:39

Instrument :

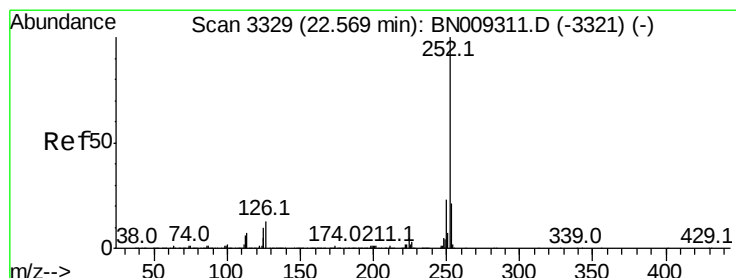
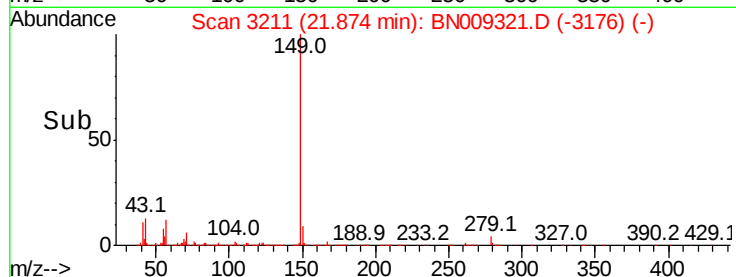
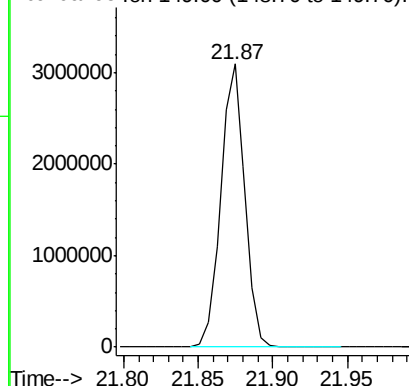
BNA\_N

ClientSampleId :

Tgt Ion:149 Resp: 3472975



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 35.078 ng/ul

RT: 22.57 min Scan# 3330

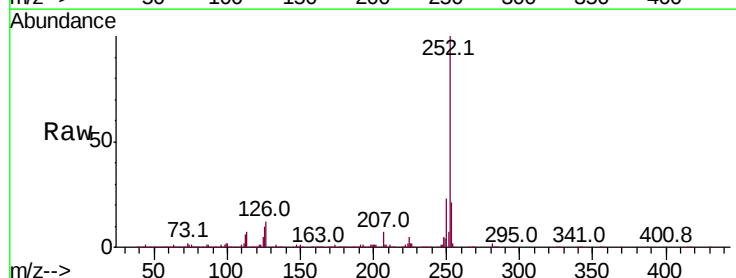
Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Tgt Ion:252 Resp: 2824917

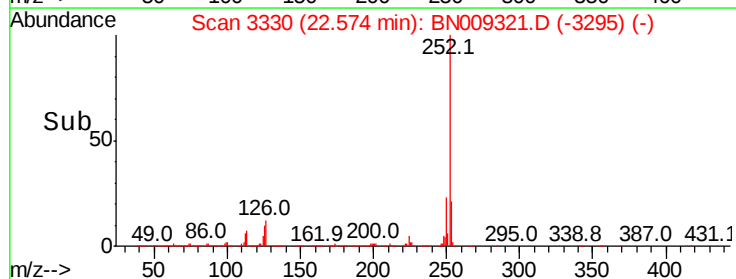
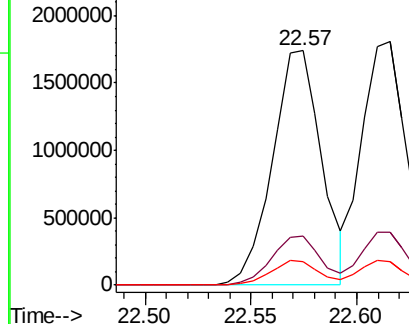
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.9  | 17.0  | 25.6  |
| 125 | 9.8   | 8.0   | 12.0  |

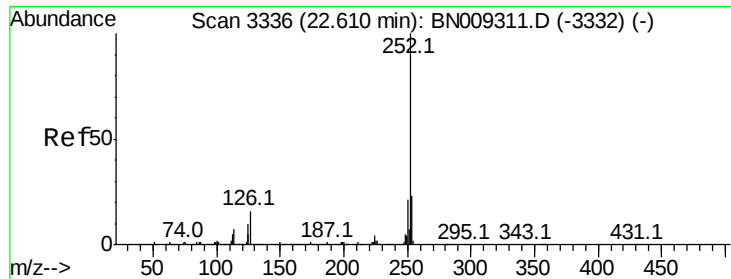


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.908 ng/ul

RT: 22.62 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampled :

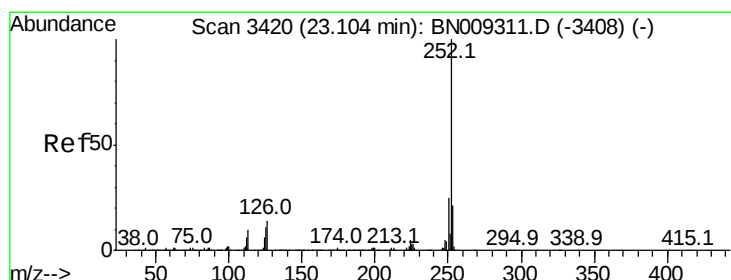
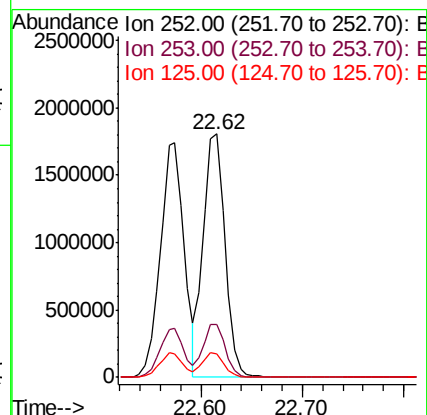
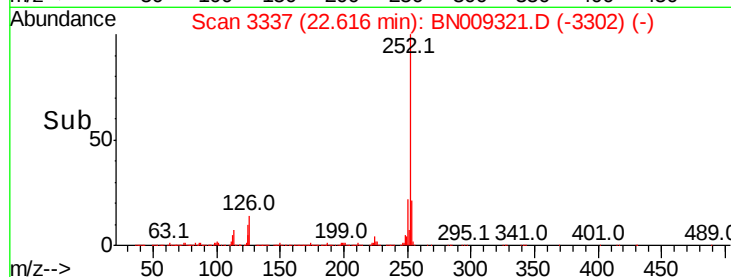
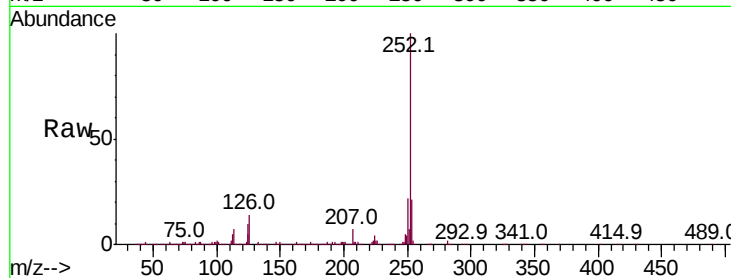
Tot Ion:252 Resp: 2696501

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 9.7 8.2 12.2



#91

Benzo(a)pyrene

Concen: 34.292 ng/ul

RT: 23.11 min Scan# 3421

Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

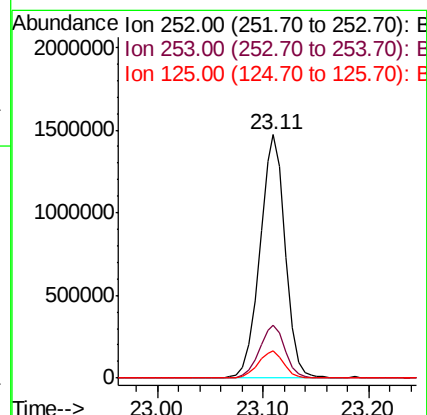
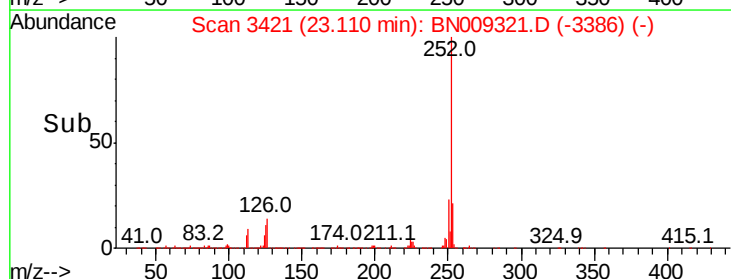
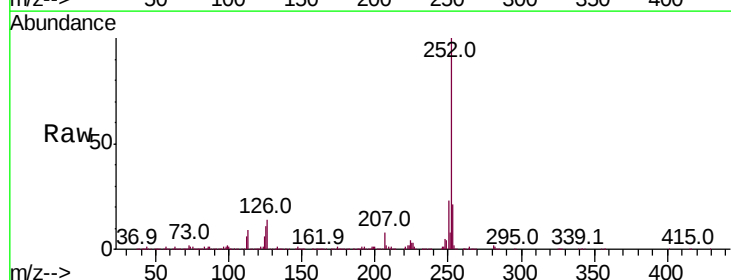
Tgt Ion:252 Resp: 2450357

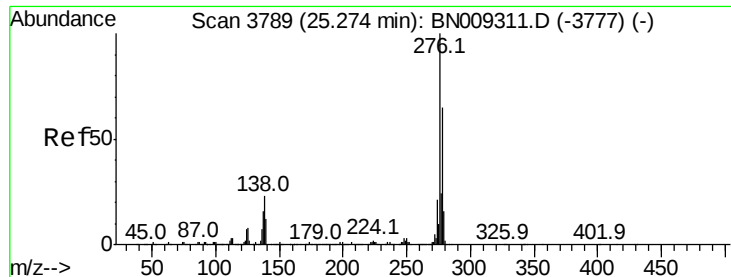
Ion Ratio Lower Upper

252 100

253 21.5 16.5 24.7

125 11.4 9.3 13.9



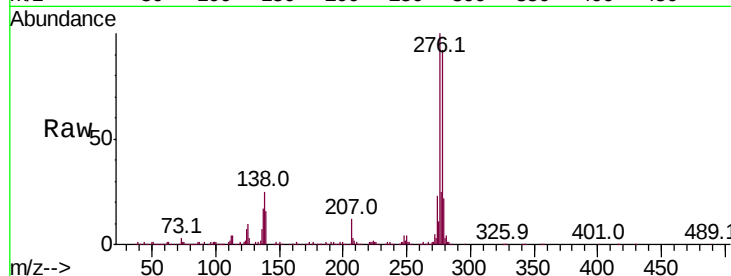


#92

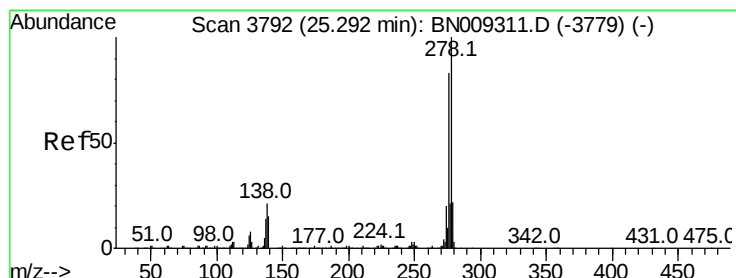
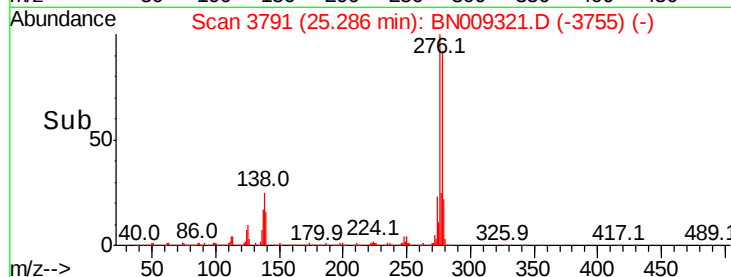
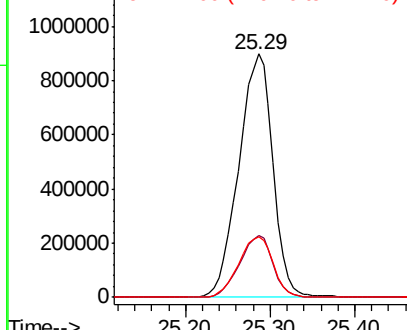
Indeno(1,2,3-cd)pyrene  
Concen: 32.552 ng/ul  
RT: 25.29 min Scan# 3791  
Delta R.T. 0.01 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:276 Resp: 2520600  
Ion Ratio Lower Upper  
276 100  
138 25.4 18.4 27.6  
277 25.0 19.1 28.7



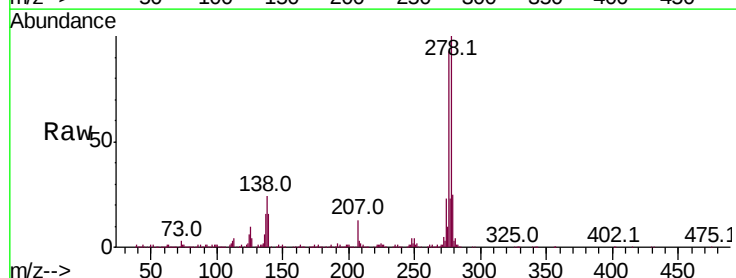
Abundance Ion 276.00 (275.70 to 276.70): E  
1200000 Ion 138.00 (137.70 to 138.70): E  
1000000 Ion 277.00 (276.70 to 277.70): E



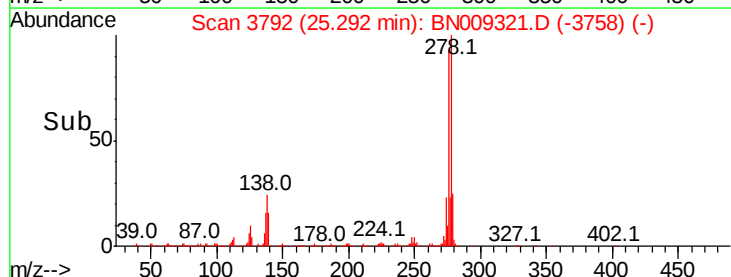
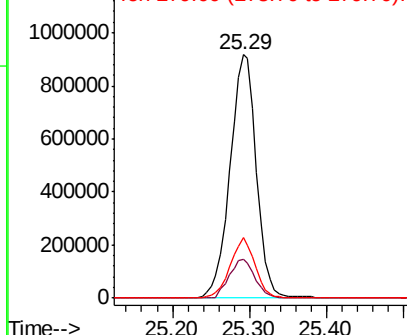
#93

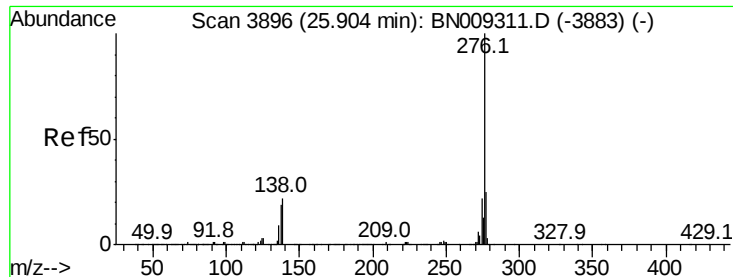
Dibenzo(a,h)anthracene  
Concen: 33.588 ng/ul  
RT: 25.29 min Scan# 3792  
Delta R.T. -0.00 min  
Lab File: BN009321.D  
Acq: 07 Jan 2020 19:39

Tgt Ion:278 Resp: 2184995  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.1 18.1  
279 25.0 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E  
1200000 Ion 139.00 (138.70 to 139.70): E  
1000000 Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 33.116 ng/ul

RT: 25.91 min Scan# 3897

Delta R.T. 0.01 min

Lab File: BN009321.D

Acq: 07 Jan 2020 19:39

Instrument :

BNA\_N

ClientSampleId :

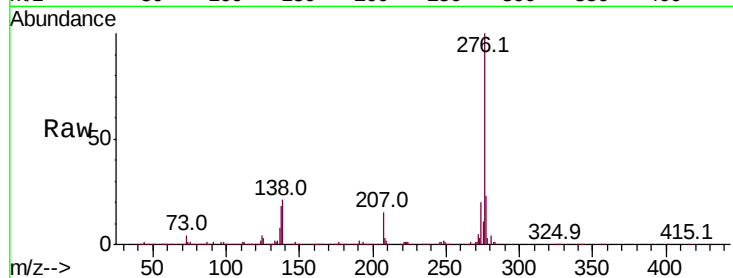
Tot Ion:276 Resp: 2066186

Ion Ratio Lower Upper

276 100

138 21.2 17.8 26.6

277 22.7 19.6 29.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

