

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\  
 Data File : BN010217.D  
 Acq On : 14 Mar 2020 11:50  
 Operator : CG/JU  
 Sample : SST02051  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 16 05:02:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 04:58:29 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 289894   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1215751  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 790684   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 1759661  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 1699694  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.37 | 264  | 1944742  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 59025   | 8.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 460356  | 18.67 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 280977  | 16.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 380411  | 20.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 377142  | 19.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 165750  | 18.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 129301  | 13.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 378014  | 20.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 458792  | 21.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 1243618 | 21.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 1536455 | 22.09 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.45 | 143 | 165572  | 15.35 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.25 | 176 | 1113566 | 21.84 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 105381  | 9.64  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.10 | 188 | 1735788 | 21.52 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 1944761 | 21.89 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.24 | 264 | 2008170 | 20.68 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 60243   | 7.440  | ng/uL 100 |
| 4) Benzaldehyde                | 6.78  | 77  | 194642  | 11.870 | ng/ul 100 |
| 6) Phenol                      | 6.83  | 94  | 496812  | 18.802 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 7.07  | 93  | 387028  | 18.636 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.20  | 128 | 397234  | 20.315 | ng/ul 100 |
| 11) 2-Methylphenol             | 8.07  | 108 | 378038  | 19.551 | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.17  | 45  | 483462  | 9.496  | ng/ul 100 |
| 14) Acetophenone               | 8.44  | 105 | 626291  | 19.595 | ng/ul 100 |
| 15) N-Nitroso-di-n-propylamine | 8.43  | 70  | 317897  | 19.035 | ng/ul 100 |
| 16) 4-Methylphenol             | 8.39  | 108 | 407578  | 19.210 | ng/ul 100 |
| 17) Hexachloroethane           | 8.70  | 117 | 178150  | 20.026 | ng/ul 100 |
| 20) Nitrobenzene               | 8.81  | 77  | 437909  | 16.708 | ng/ul 100 |
| 21) Isophorone                 | 9.33  | 82  | 911517  | 19.761 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.52  | 139 | 157189  | 14.437 | ng/ul 100 |
| 24) 2,4-Dimethylphenol         | 9.59  | 107 | 456066  | 19.293 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.82  | 93  | 534235  | 18.951 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.05 | 162 | 385439  | 20.423 | ng/ul 100 |
| 28) Naphthalene                | 10.45 | 128 | 1377327 | 21.009 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.55 | 127 | 456813  | 21.226 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.75 | 225 | 290780  | 23.039 | ng/ul 100 |
| 32) Caprolactam                | 11.29 | 113 | 113402  | 17.918 | ng/ul 100 |
| 33) 4-Chloro-3-methylphenol    | 11.67 | 107 | 396265  | 18.363 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 12.06 | 142 | 972094  | 21.354 | ng/ul 100 |

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 Sample : SSTD02051  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 16 05:02:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 04:58:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.28 | 142  | 978085   | 21.435 | ng/uL | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216  | 543608   | 23.195 | ng/uL | 100      |
| 38) Hexachlorocyclopentadiene  | 12.43 | 237  | 345629   | 34.085 | ng/uL | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.67 | 196  | 286960   | 19.292 | ng/uL | 100      |
| 40) 2,4,5-Trichlorophenol      | 12.75 | 196  | 316171   | 19.813 | ng/uL | 100      |
| 41) 1,1'-Biphenyl              | 13.09 | 154  | 1282067  | 21.111 | ng/uL | 100      |
| 42) 2-Chloronaphthalene        | 13.12 | 162  | 1034003  | 21.439 | ng/uL | 100      |
| 43) 2-Nitroaniline             | 13.32 | 65   | 209342   | 11.869 | ng/uL | 100      |
| 45) Dimethylphthalate          | 13.72 | 163  | 1305644  | 21.187 | ng/uL | 100      |
| 46) 2,6-Dinitrotoluene         | 13.82 | 165  | 213159   | 17.669 | ng/uL | 100      |
| 48) Acenaphthylene             | 13.97 | 152  | 1626988  | 21.611 | ng/uL | 100      |
| 49) 3-Nitroaniline             | 14.15 | 138  | 162100   | 14.554 | ng/uL | 100      |
| 50) Acenaphthene               | 14.32 | 153  | 1107631  | 21.461 | ng/uL | 100      |
| 51) 2,4-Dinitrophenol          | 14.36 | 184  | 58193    | 8.402  | ng/uL | 100      |
| 53) 4-Nitrophenol              | 14.46 | 109  | 145903   | 14.991 | ng/uL | 100      |
| 54) Dibenzofuran               | 14.66 | 168  | 1530013  | 21.121 | ng/uL | 100      |
| 55) 2,4-Dinitrotoluene         | 14.62 | 165  | 305295   | 17.075 | ng/uL | 100      |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 247687   | 18.053 | ng/uL | 100      |
| 57) Diethylphthalate           | 15.10 | 149  | 1287620  | 20.348 | ng/uL | 100      |
| 59) Fluorene                   | 15.31 | 166  | 1277046  | 21.006 | ng/uL | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204  | 660719   | 22.037 | ng/uL | 100      |
| 61) 4-Nitroaniline             | 15.31 | 138  | 191688   | 14.113 | ng/uL | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 15.38 | 198  | 121674   | 10.333 | ng/uL | 100      |
| 65) N-Nitrosodiphenylamine     | 15.52 | 169  | 1086179  | 20.804 | ng/uL | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.20 | 248  | 402701   | 22.871 | ng/uL | 100      |
| 67) Hexachlorobenzene          | 16.32 | 284  | 453552   | 23.279 | ng/uL | 100      |
| 68) Atrazine                   | 16.48 | 200  | 423472   | 21.381 | ng/uL | 100      |
| 69) Pentachlorophenol          | 16.65 | 266  | 184851   | 16.417 | ng/uL | 100      |
| 70) Phenanthrene               | 17.04 | 178  | 2109895  | 21.010 | ng/uL | 100      |
| 72) Anthracene                 | 17.13 | 178  | 2138607  | 20.832 | ng/uL | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216  | 575231   | 22.375 | ng/uL | 100      |
| 74) Pentachlorobenzene         | 14.58 | 250  | 556333   | 22.440 | ng/uL | 100      |
| 75) Carbazole                  | 17.40 | 167  | 1866674  | 20.648 | ng/uL | 100      |
| 76) Di-n-butylphthalate        | 18.00 | 149  | 2213967  | 19.841 | ng/uL | 100      |
| 77) Fluoranthene               | 19.06 | 202  | 2554291  | 21.714 | ng/uL | 100      |
| 80) Pvrene                     | 19.43 | 202  | 2621418  | 21.392 | ng/uL | 100      |
| 81) Butylbenzylphthalate       | 20.36 | 149  | 843918   | 16.753 | ng/uL | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 709467   | 19.144 | ng/uL | 100      |
| 83) Benzo(a)anthracene         | 21.18 | 228  | 2619812  | 22.429 | ng/uL | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 1397564  | 18.172 | ng/uL | 100      |
| 85) Chrysene                   | 21.23 | 228  | 2448465  | 21.292 | ng/uL | 100      |
| 87) Di-n-octyl phthalate       | 22.03 | 149  | 2308323  | 15.682 | ng/uL | 100      |
| 88) Benzo(b)fluoranthene       | 22.73 | 252  | 2531966  | 20.081 | ng/uL | 100      |
| 89) Benzo(k)fluoranthene       | 22.77 | 252  | 2571425  | 21.538 | ng/uL | 100      |
| 91) Benzo(a)pyrene             | 23.28 | 252  | 2395893  | 21.127 | ng/uL | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.53 | 276  | 2909694  | 21.610 | ng/uL | 100      |
| 93) Dibenzo(a,h)anthracene     | 25.55 | 278  | 2403615  | 20.868 | ng/uL | 100      |
| 94) Benzo(a,h,i)perylene       | 26.19 | 276  | 2408641  | 21.335 | ng/uL | 100      |

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Operator : CG/JU  
Sample : SSTD02051  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

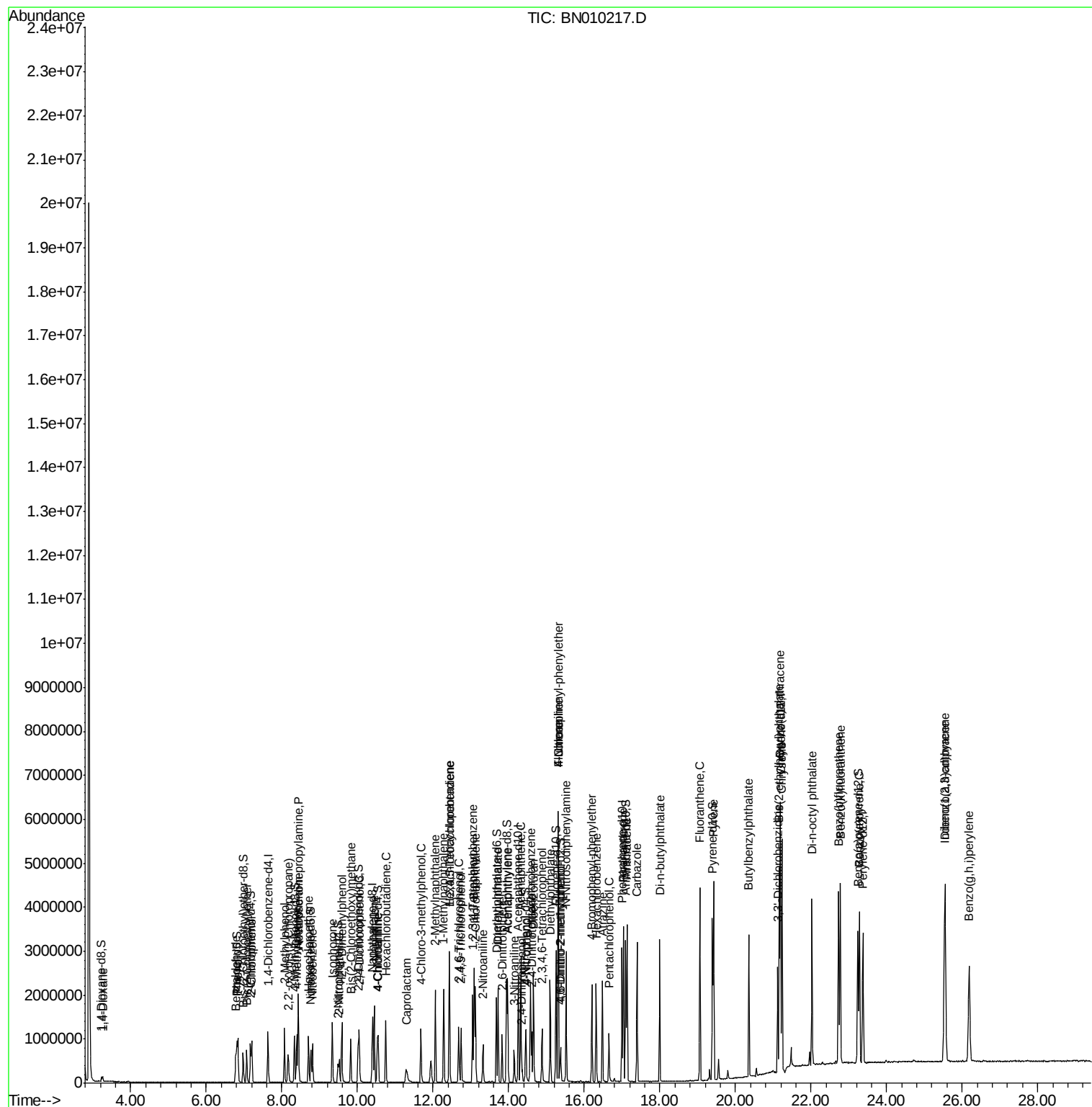
Quant Time: Mar 16 05:02:41 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 16 04:58:29 2020  
Response via : Initial Calibration

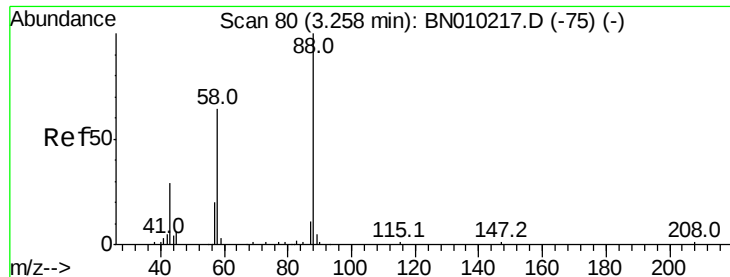
| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                             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

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 16 04:58:29 2020  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.440 ng/uL

RT: 3.26 min Scan# 80

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

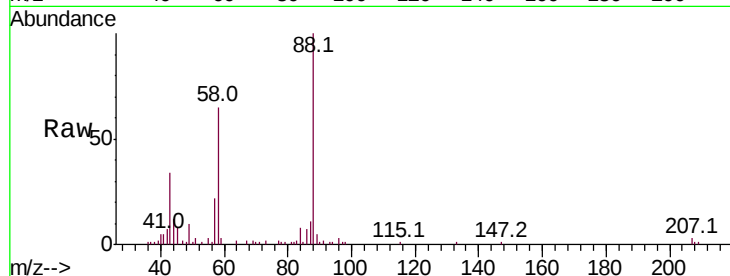
Tot Ion: 88 Resp: 60243

Ion Ratio Lower Upper

88 100

43 33.8 27.0 40.6

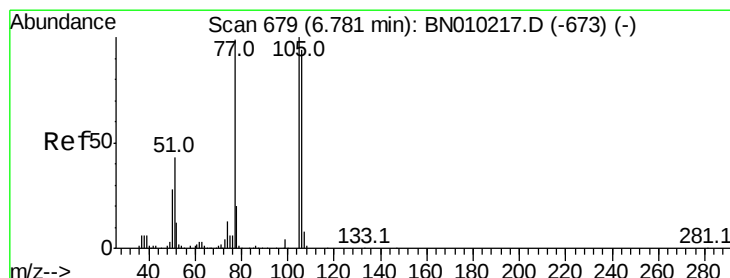
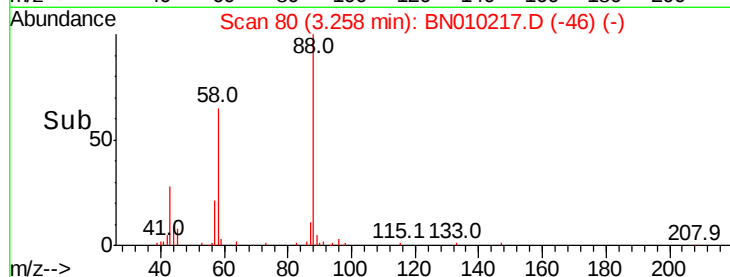
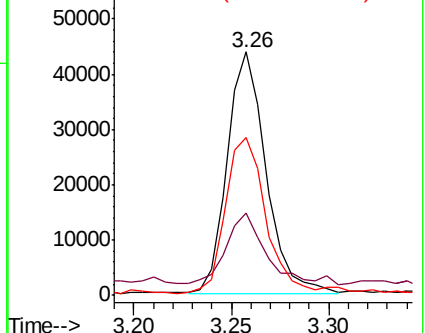
58 64.8 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 11.870 ng/uL

RT: 6.78 min Scan# 679

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

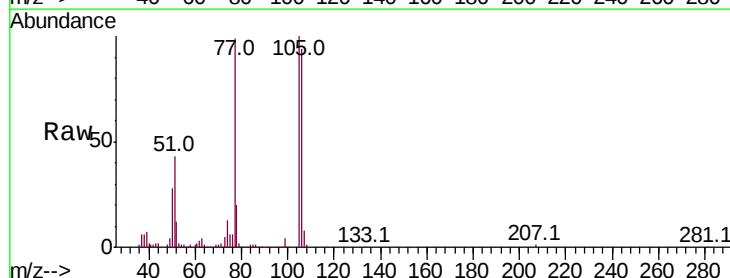
Tgt Ion: 77 Resp: 194642

Ion Ratio Lower Upper

77 100

105 101.0 80.8 121.2

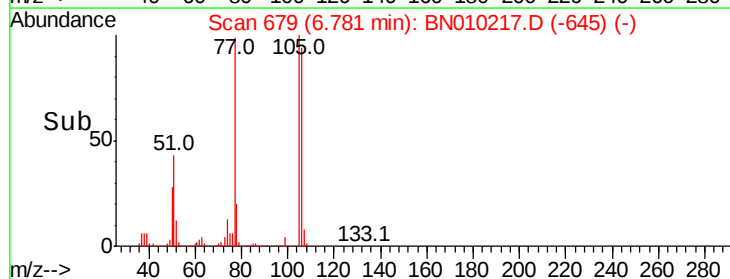
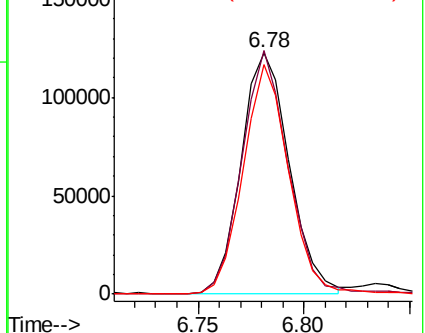
106 95.1 76.1 114.1

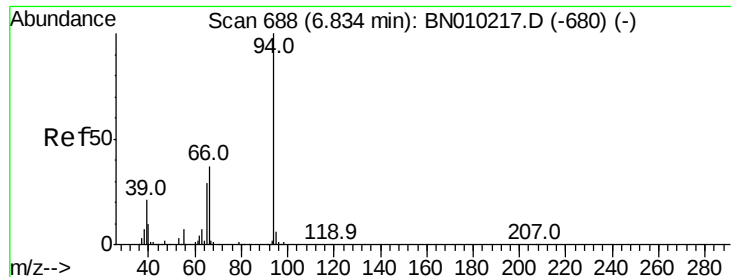


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 18.802 ng/ul

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

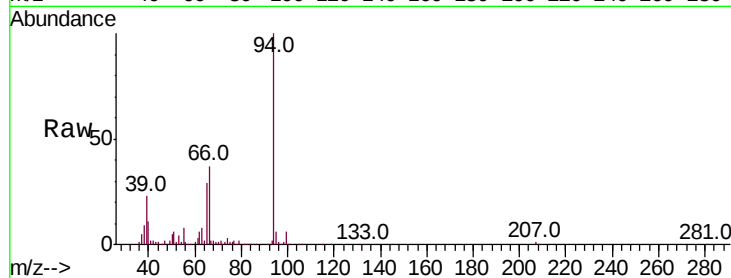
Tot Ion: 94 Resp: 496812

Ion Ratio Lower Upper

94 100

65 29.2 23.4 35.0

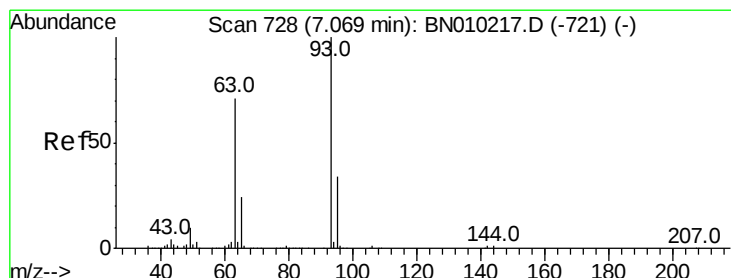
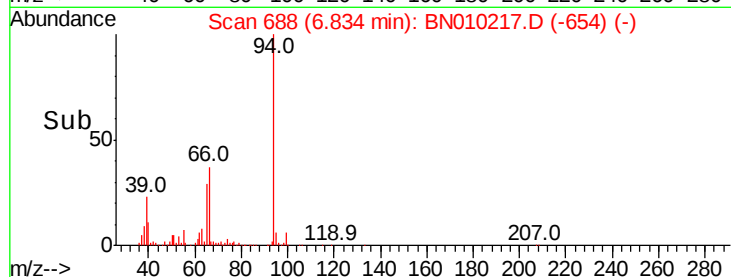
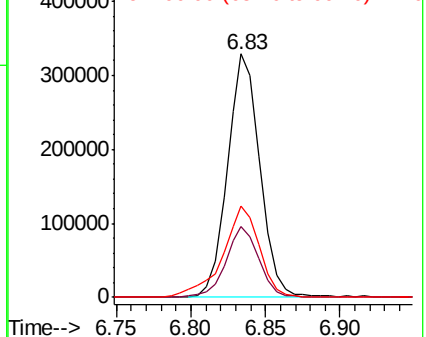
66 37.4 29.9 44.9



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: 18.636 ng/ul

RT: 7.07 min Scan# 728

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

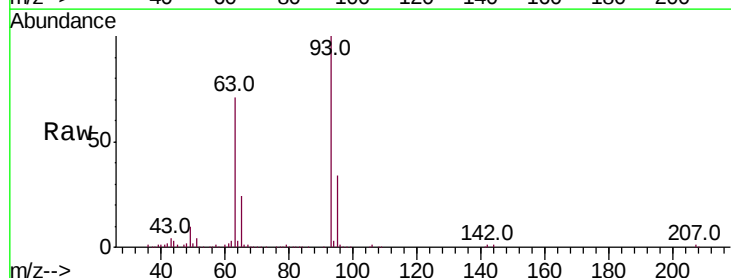
Tgt Ion: 93 Resp: 387028

Ion Ratio Lower Upper

93 100

63 70.8 56.6 85.0

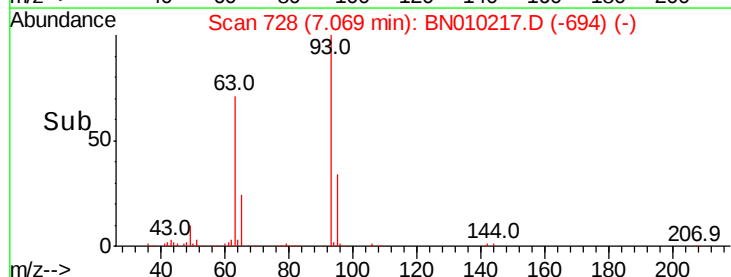
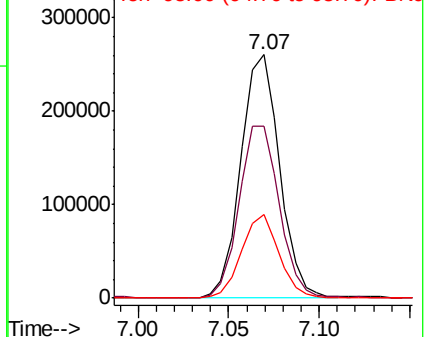
95 34.3 27.4 41.2

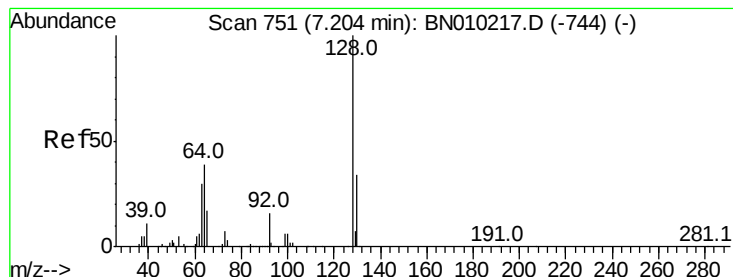


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#10

2-Chlorophenol

Concen: 20.315 ng/ul

RT: 7.20 min Scan# 751

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

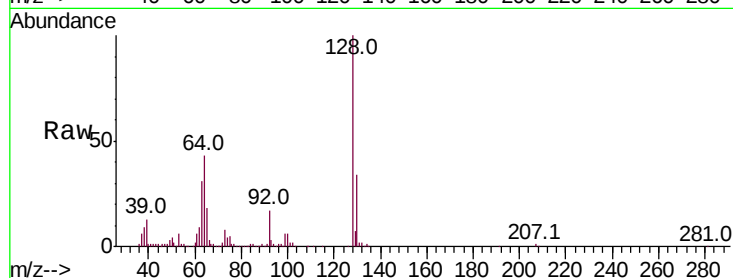
Tot Ion:128 Resp: 397234

Ion Ratio Lower Upper

128 100

64 42.5 34.0 51.0

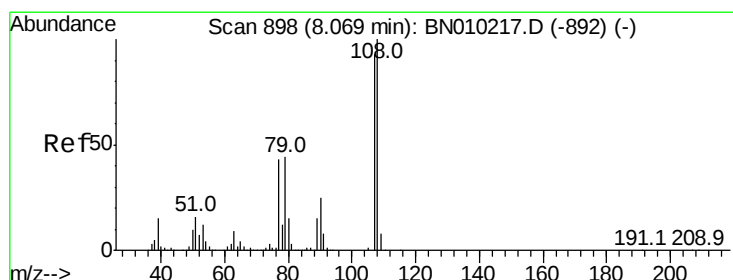
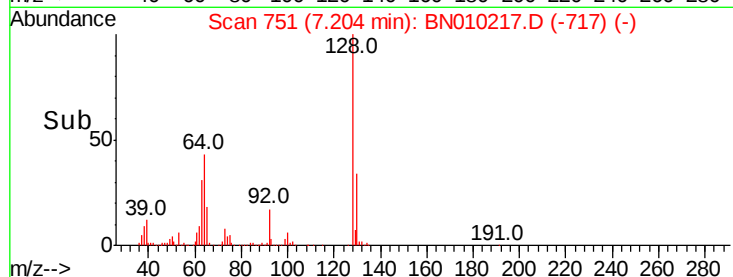
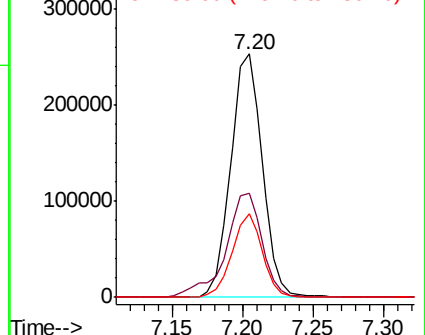
130 34.2 27.4 41.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.551 ng/ul

RT: 8.07 min Scan# 898

Delta R.T. 0.00 min

Lab File: BN010217.D

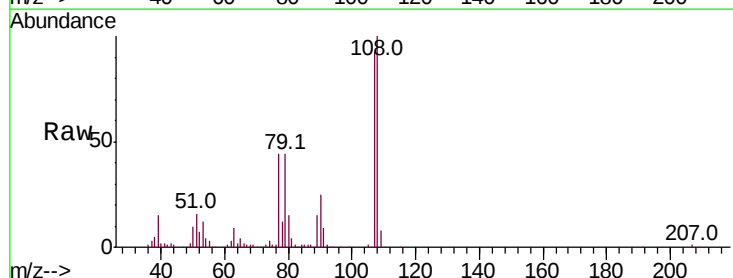
Acq: 14 Mar 2020 11:50

Tgt Ion:108 Resp: 378038

Ion Ratio Lower Upper

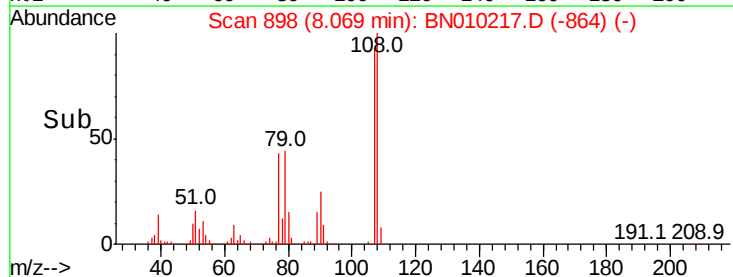
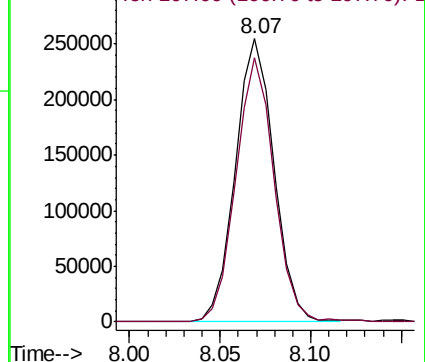
108 100

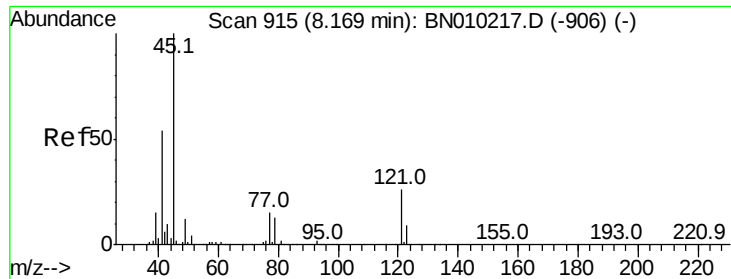
107 93.1 74.5 111.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

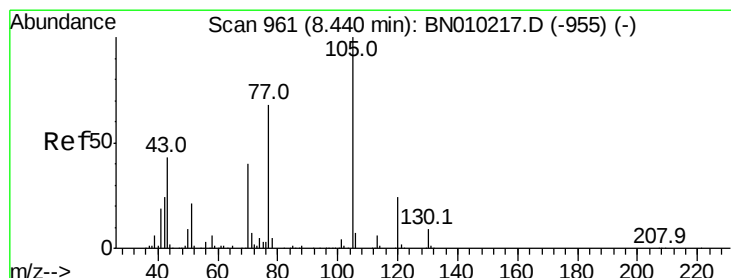
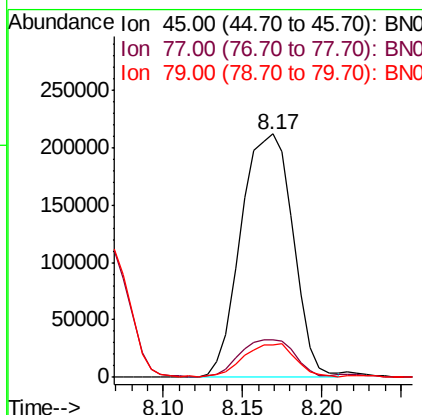
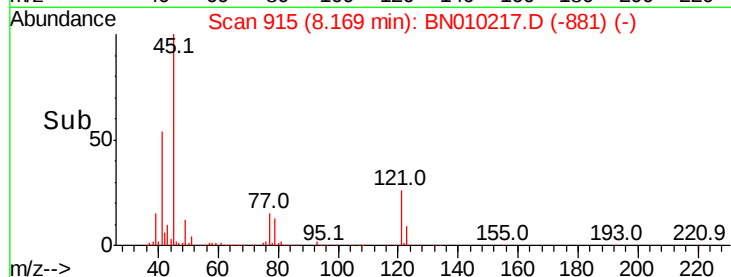
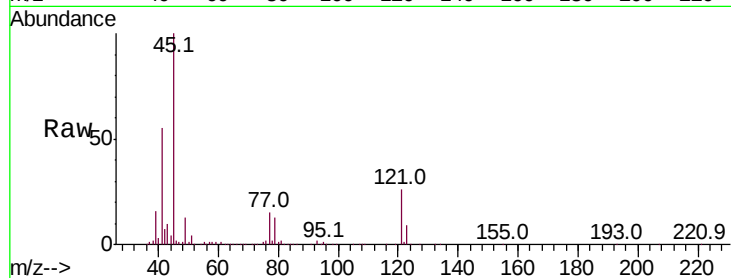




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 9.496 ng/ul  
RT: 8.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

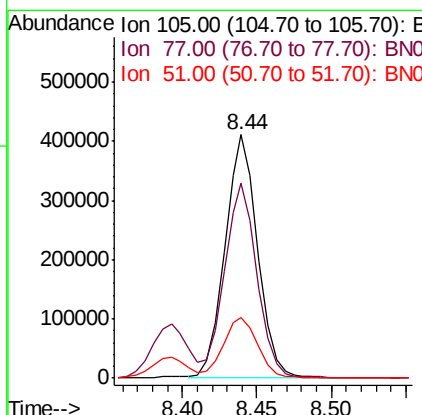
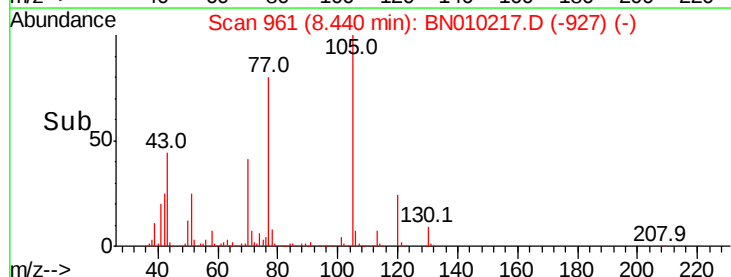
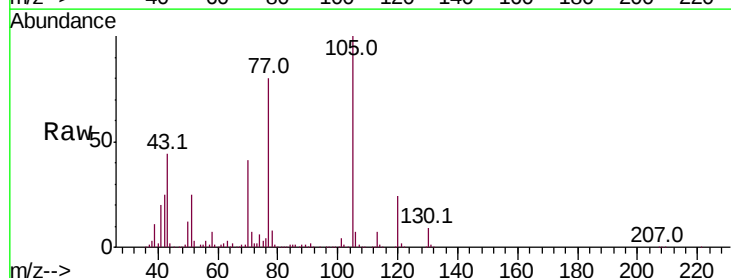
Instrument :  
BNA\_N  
ClientSampleId :

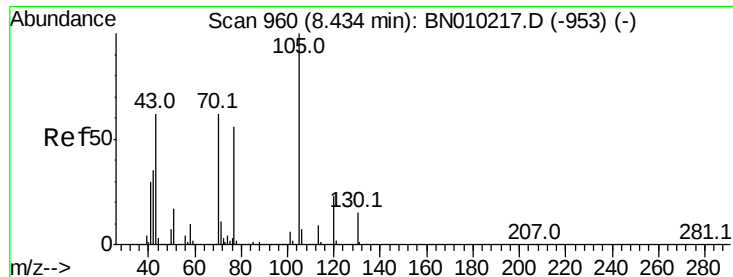
Tot Ion: 45 Resp: 483462  
Ion Ratio Lower Upper  
45 100  
77 15.2 12.2 18.2  
79 13.4 10.7 16.1



#14  
Acetophenone  
Concen: 19.595 ng/ul  
RT: 8.44 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion: 105 Resp: 626291  
Ion Ratio Lower Upper  
105 100  
77 80.2 64.2 96.2  
51 25.0 20.0 30.0





#15

N-Nitroso-di-n-propylamine

Concen: 19.035 ng/ul

RT: 8.43 min Scan# 960

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 317897

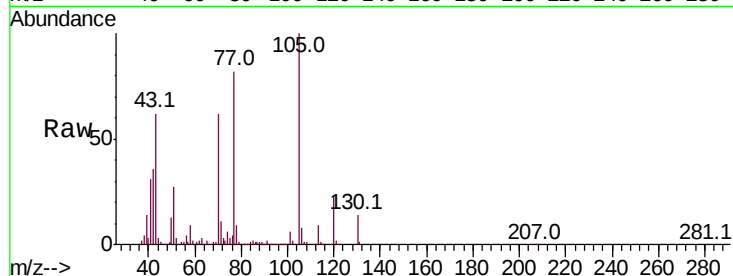
Ion Ratio Lower Upper

70 100

42 57.8 46.2 69.4

101 10.3 8.2 12.4

130 23.5 18.8 28.2

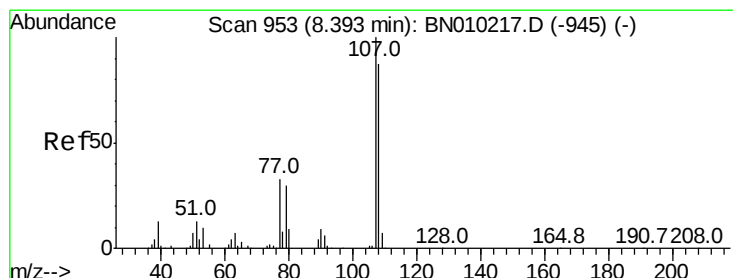
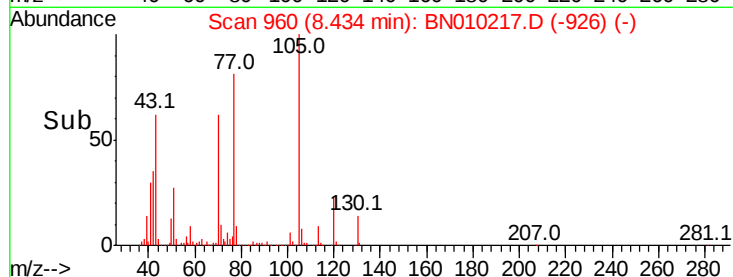
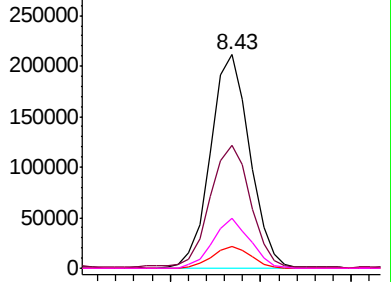


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.210 ng/ul

RT: 8.39 min Scan# 953

Delta R.T. 0.00 min

Lab File: BN010217.D

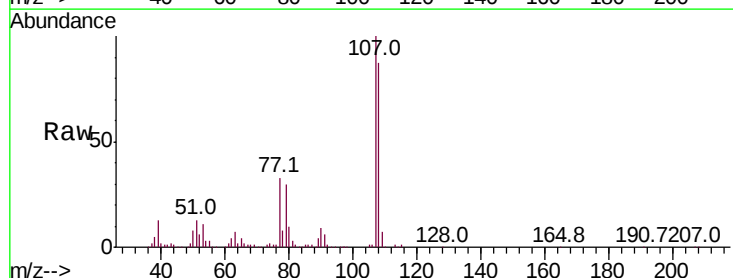
Acq: 14 Mar 2020 11:50

Tgt Ion: 108 Resp: 407578

Ion Ratio Lower Upper

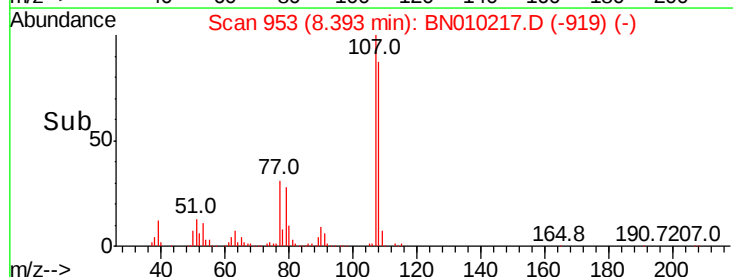
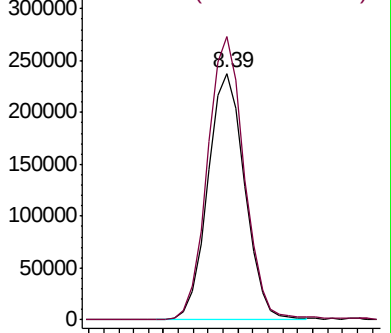
108 100

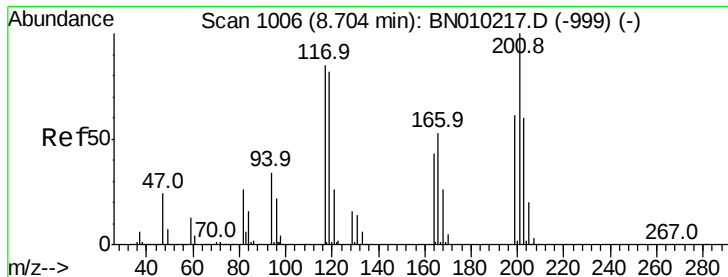
107 114.8 91.8 137.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

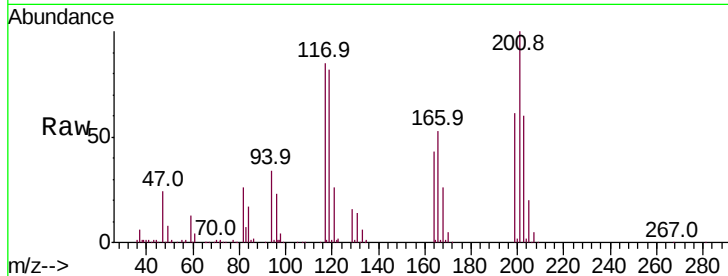




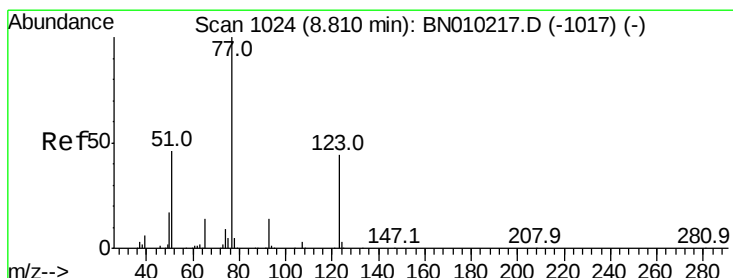
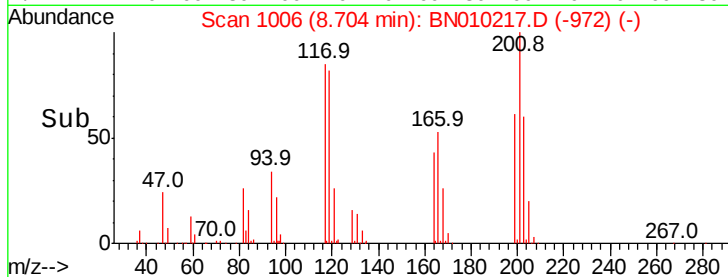
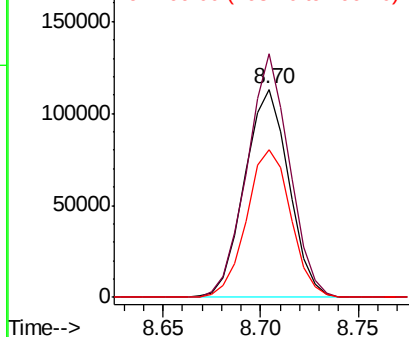
#17  
Hexachloroethane  
Concen: 20.026 ng/ul  
RT: 8.70 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:117 Resp: 178150  
Ion Ratio Lower Upper  
117 100  
201 117.0 93.6 140.4  
199 71.1 56.9 85.3

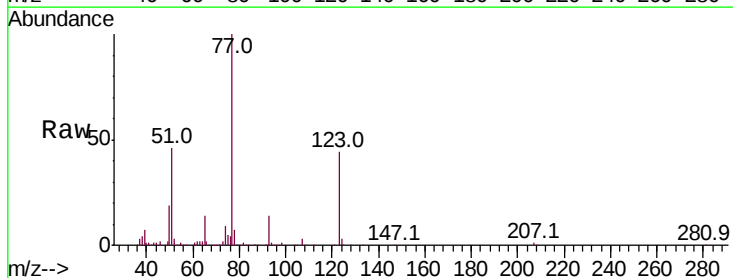


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

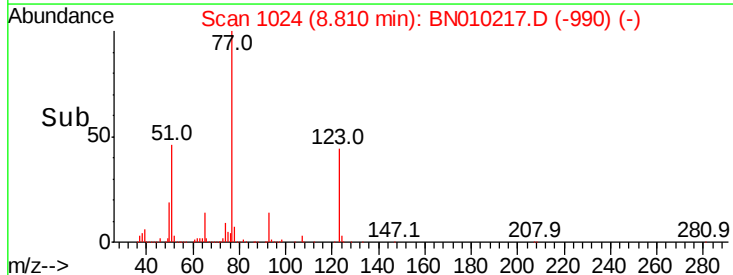
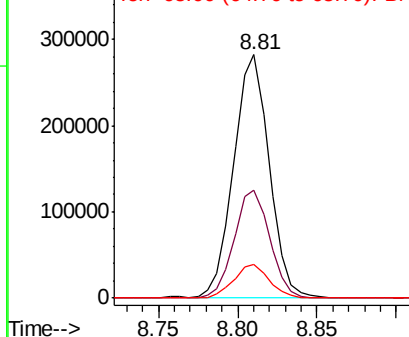


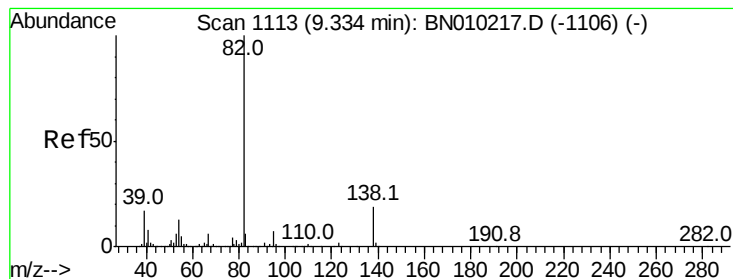
#20  
Nitrobenzene  
Concen: 16.708 ng/ul  
RT: 8.81 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion: 77 Resp: 437909  
Ion Ratio Lower Upper  
77 100  
123 44.2 35.4 53.0  
65 13.7 11.0 16.4



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: 19.761 ng/ul

RT: 9.33 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

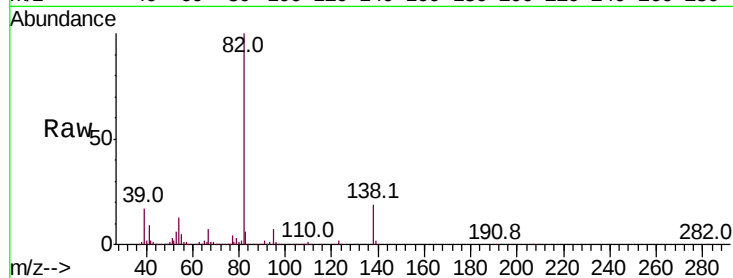
Tot Ion: 82 Resp: 911517

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

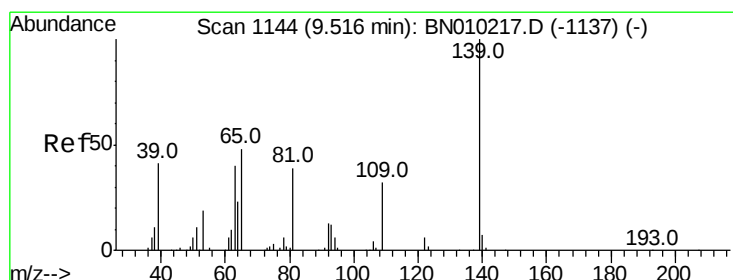
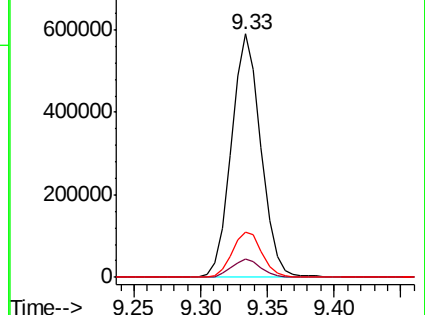
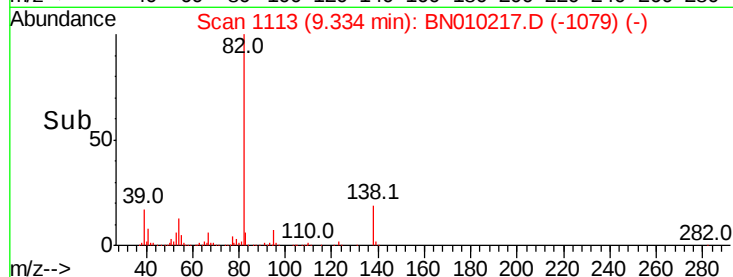
138 18.5 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BN010217.D (-1106) (-)

Ion 95.00 (94.70 to 95.70): BN010217.D (-1106) (-)

Ion 138.00 (137.70 to 138.70): BN010217.D (-1106) (-)



#23

2-Nitrophenol

Concen: 14.437 ng/ul

RT: 9.52 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

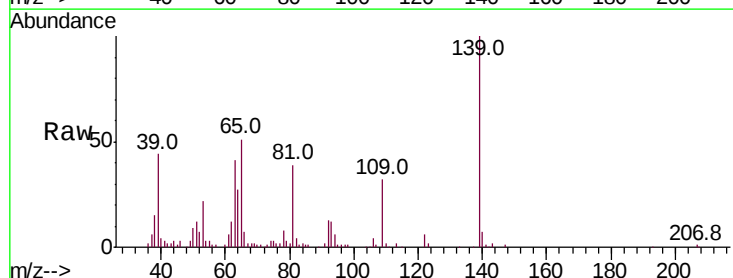
Tgt Ion: 139 Resp: 157189

Ion Ratio Lower Upper

139 100

65 50.6 40.5 60.7

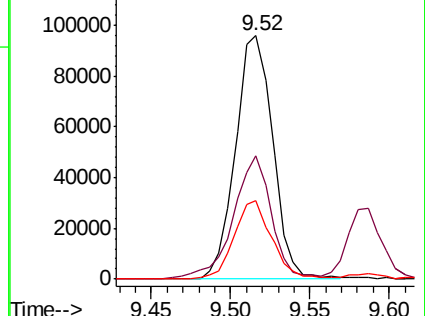
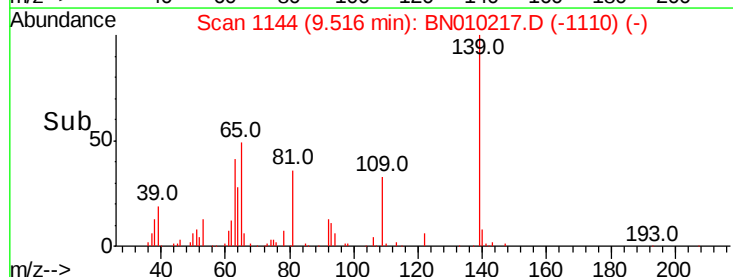
109 32.4 25.9 38.9

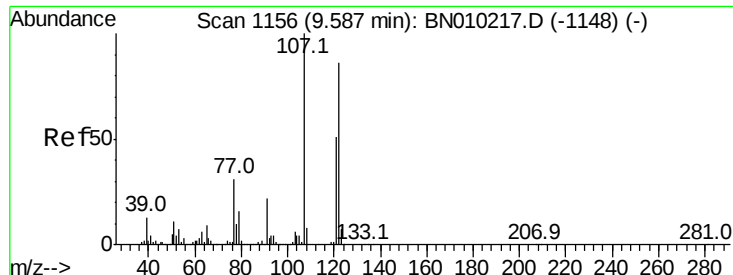


Abundance Ion 139.00 (138.70 to 139.70): BN010217.D (-1137) (-)

Ion 65.00 (64.70 to 65.70): BN010217.D (-1137) (-)

Ion 109.00 (108.70 to 109.70): BN010217.D (-1137) (-)

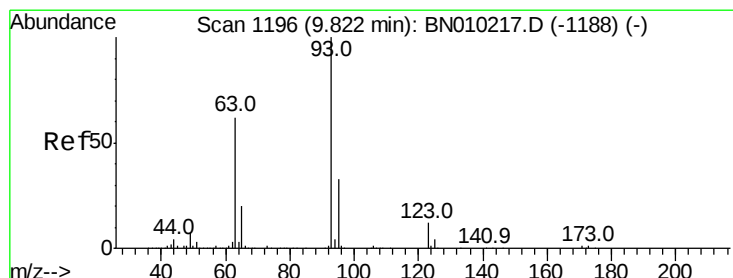
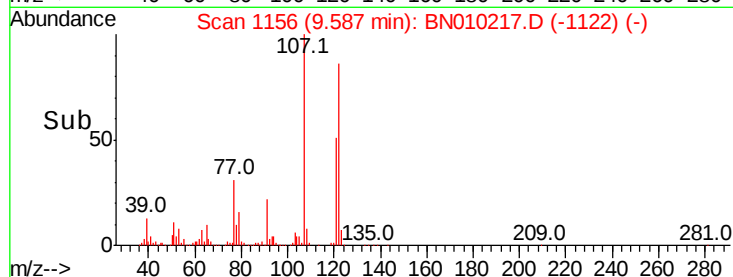
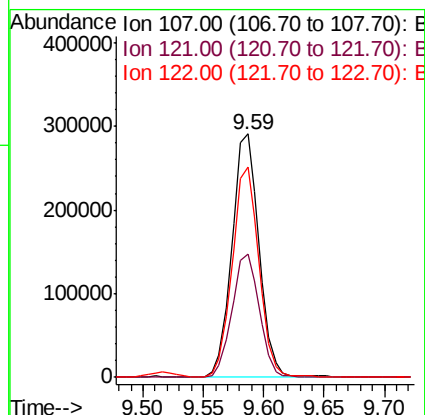
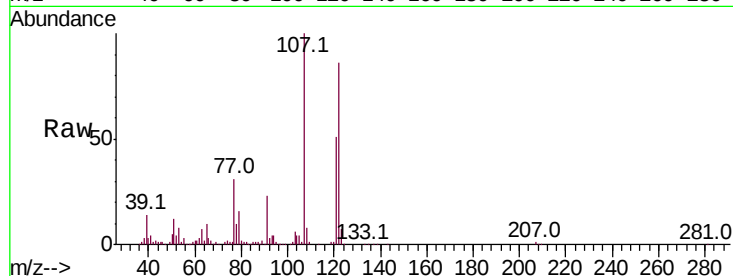




#24  
 2,4-Dimethylphenol  
 Concen: 19.293 ng/ul  
 RT: 9.59 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

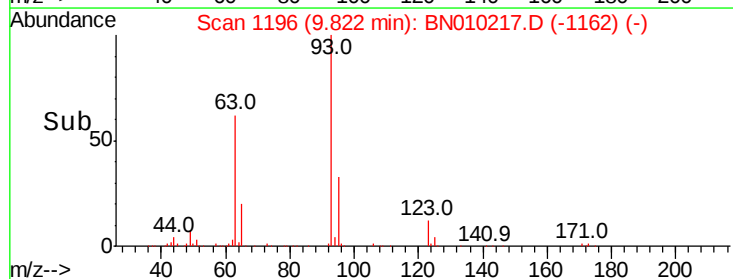
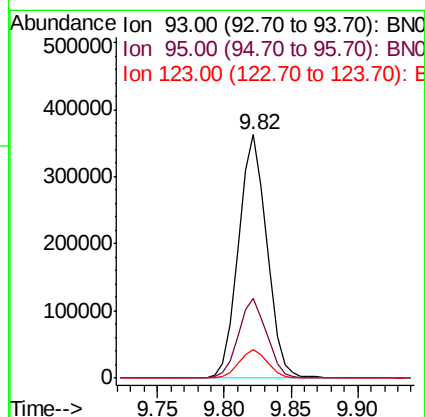
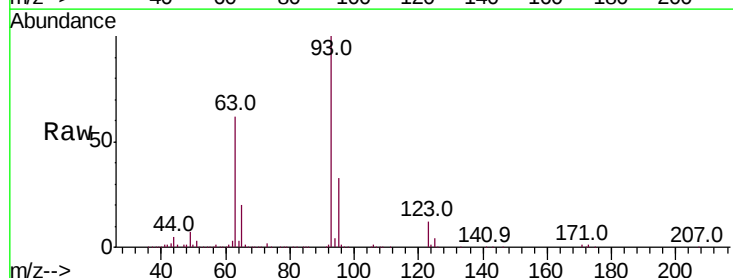
Instrument :  
 BNA\_N  
 ClientSampleId :

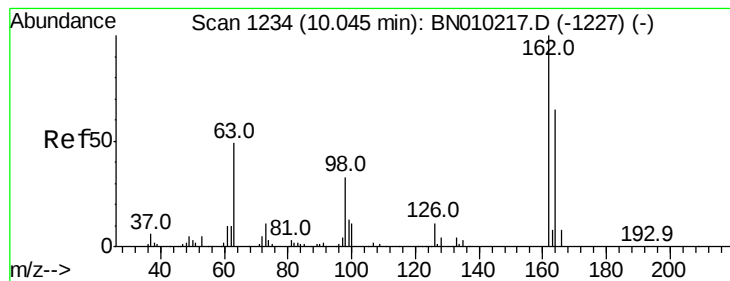
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 50.6  | 40.5  | 60.7  |
| 122     | 86.1  | 68.9  | 103.3 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.951 ng/ul  
 RT: 9.82 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.1  | 39.1  |
| 123     | 11.9  | 9.5   | 14.3  |





#27

2,4-Dichlorophenol

Concen: 20.423 ng/ul

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

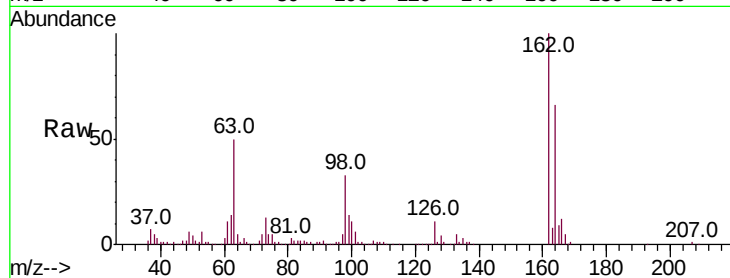
Tot Ion:162 Resp: 385439

Ion Ratio Lower Upper

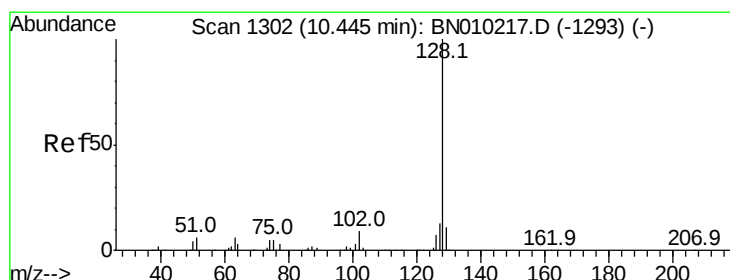
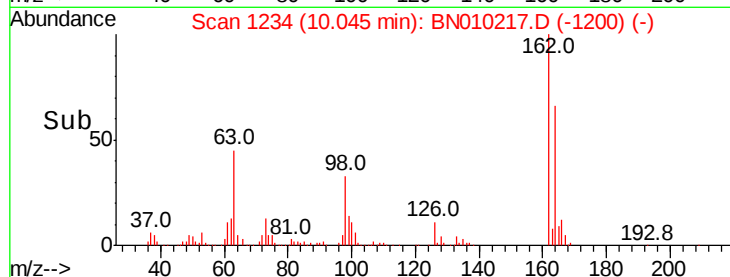
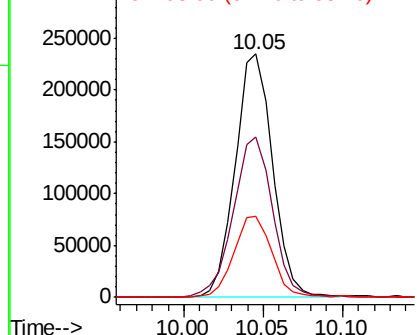
162 100

164 65.7 52.6 78.8

98 33.2 26.6 39.8



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: 21.009 ng/ul

RT: 10.45 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

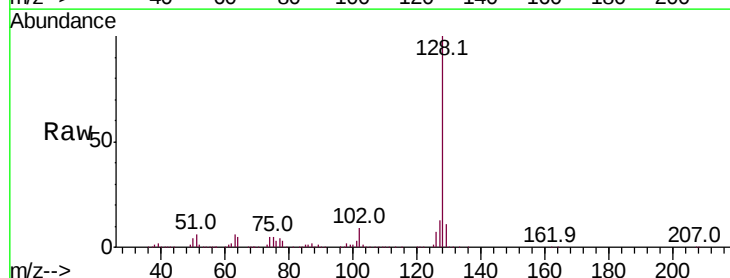
Tgt Ion:128 Resp: 1377327

Ion Ratio Lower Upper

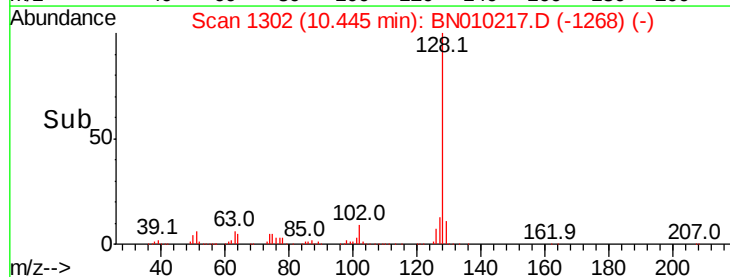
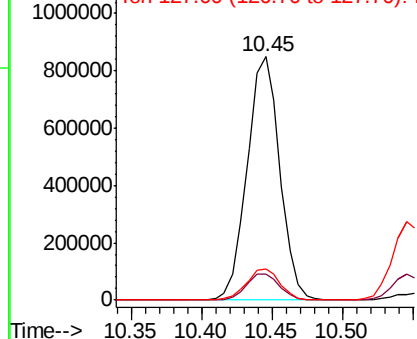
128 100

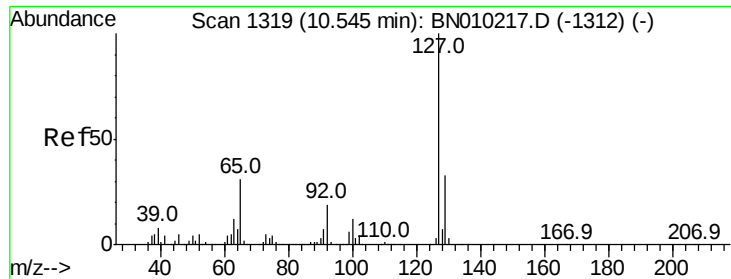
129 10.9 8.7 13.1

127 12.8 10.2 15.4



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

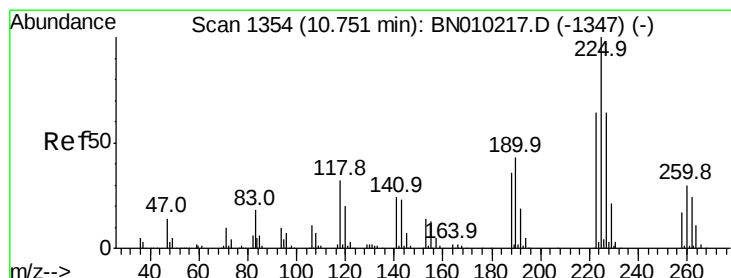
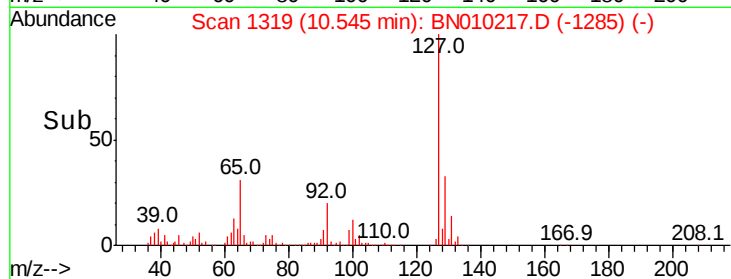
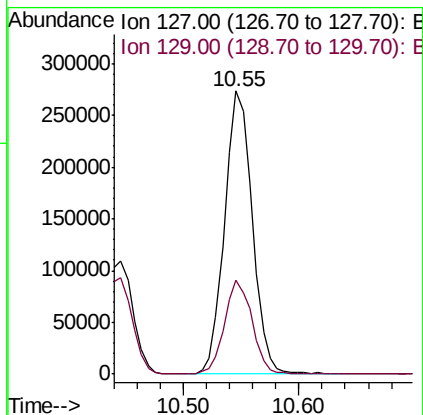
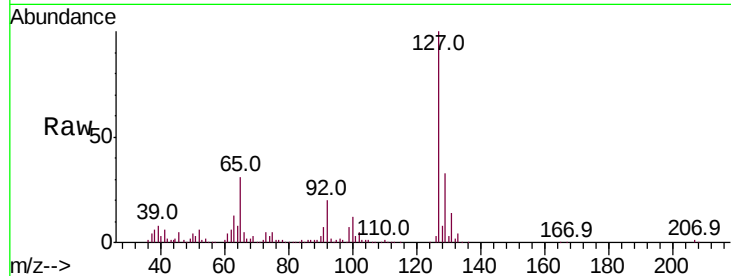




#30  
4-Chloroaniline  
Concen: 21.226 ng/ul  
RT: 10.55 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

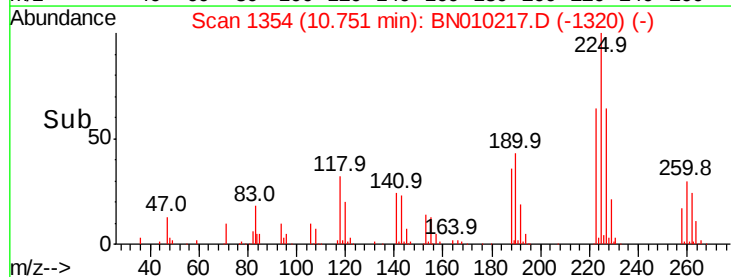
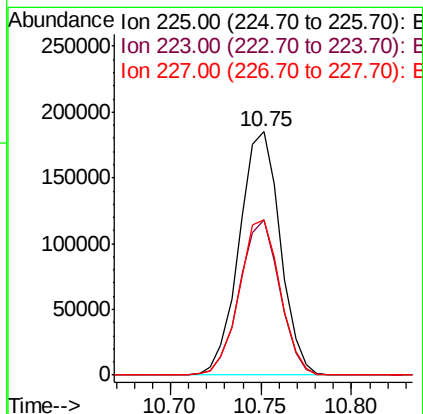
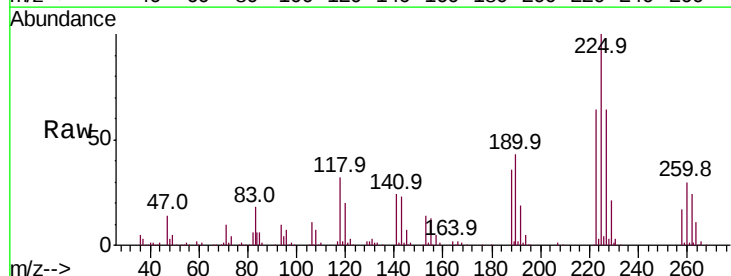
Instrument :  
BNA\_N  
ClientSampled :

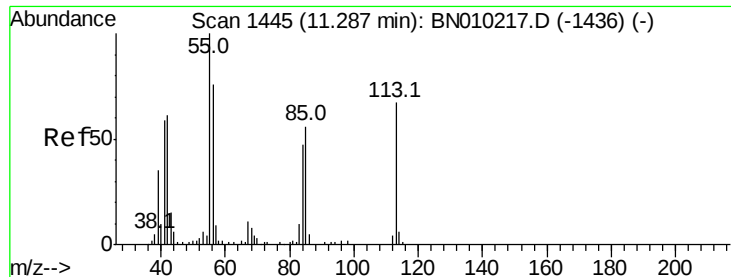
Tot Ion:127 Resp: 456813  
Ion Ratio Lower Upper  
127 100  
129 33.2 26.6 39.8



#31  
Hexachlorobutadiene  
Concen: 23.039 ng/ul  
RT: 10.75 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion:225 Resp: 290780  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.9 76.3  
227 63.5 50.8 76.2





#32

Caprolactam

Concen: 17.918 ng/ul

RT: 11.29 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

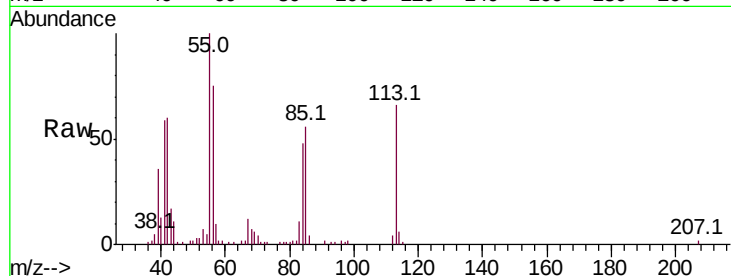
Tot Ion:113 Resp: 113402

Ion Ratio Lower Upper

113 100

55 152.4 121.9 182.9

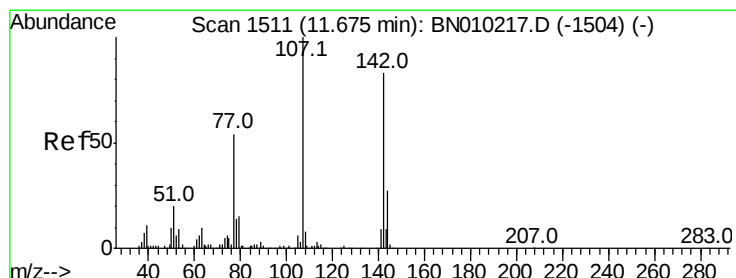
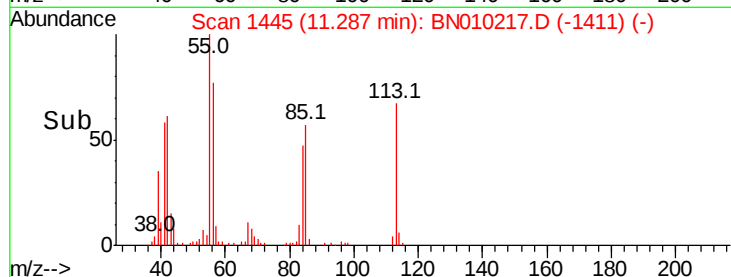
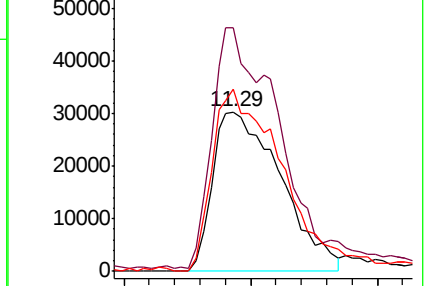
56 114.4 91.5 137.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 18.363 ng/ul

RT: 11.67 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

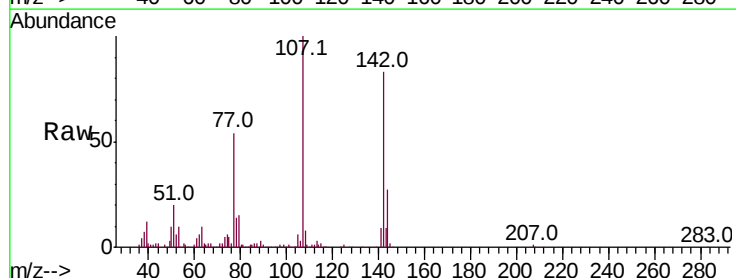
Tgt Ion:107 Resp: 396265

Ion Ratio Lower Upper

107 100

144 27.3 21.8 32.8

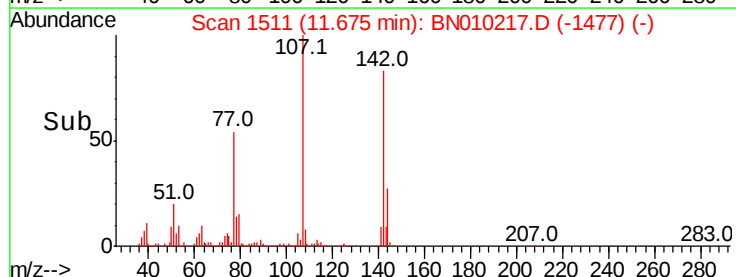
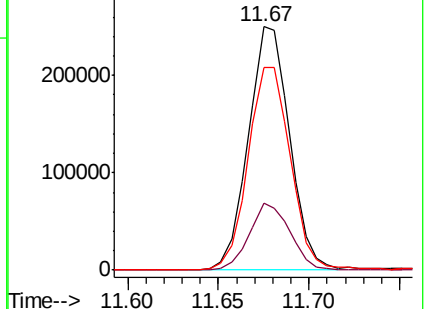
142 83.3 66.6 100.0

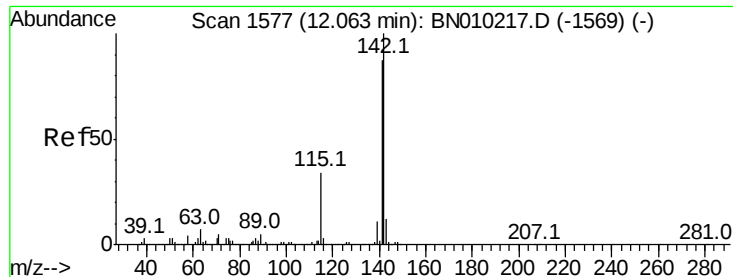


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

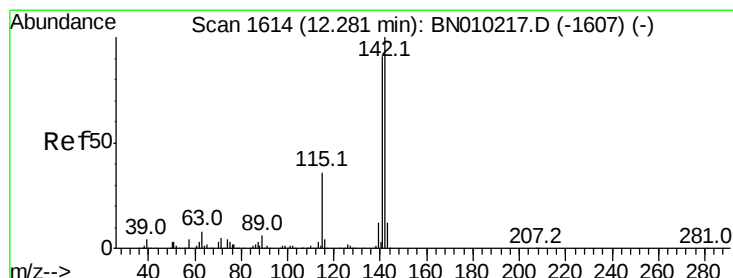
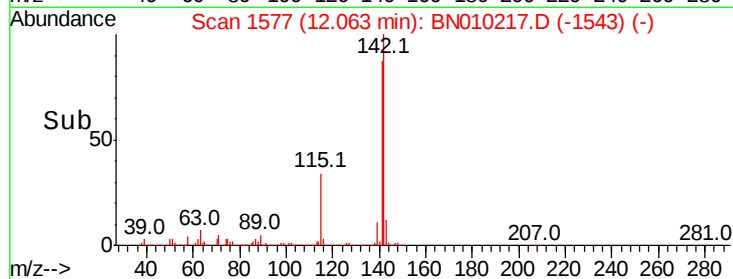
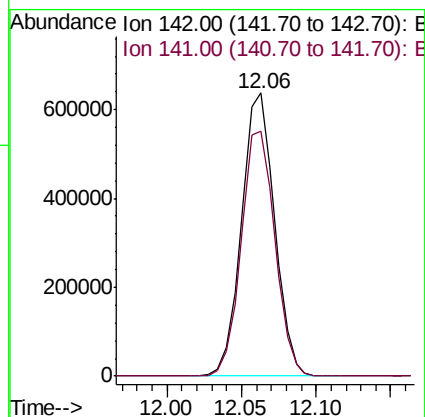
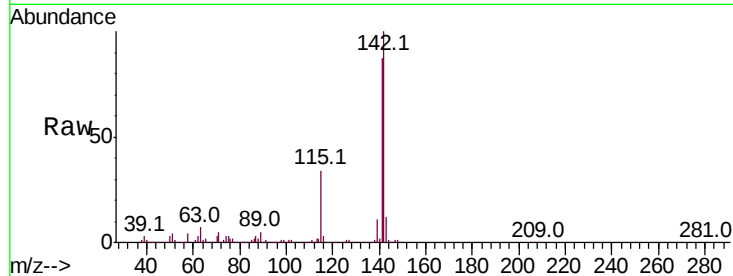




#34  
2-Methylnaphthalene  
Concen: 21.354 ng/uL  
RT: 12.06 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

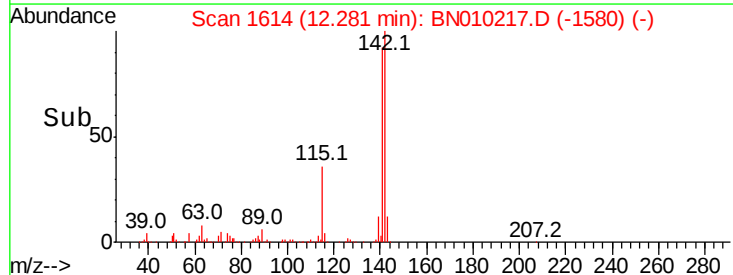
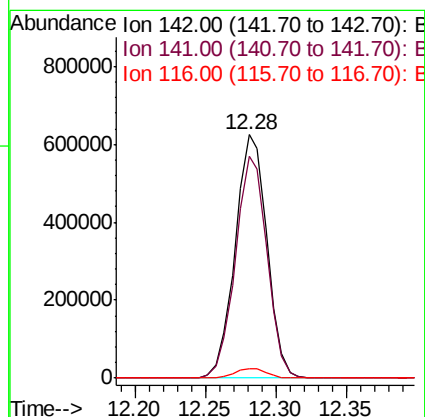
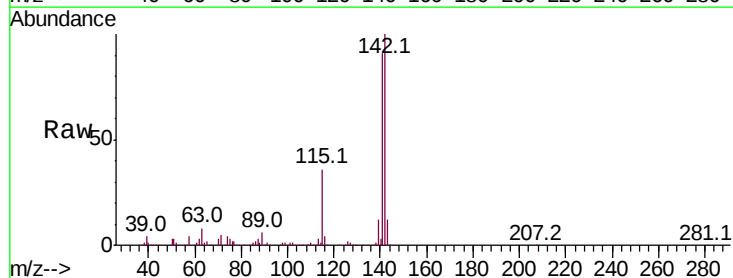
Instrument :  
BNA\_N  
ClientSampleId :

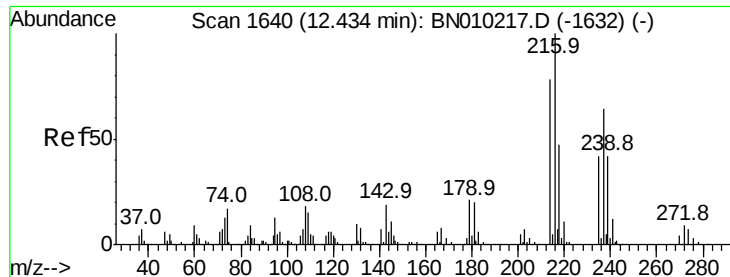
Tot Ion:142 Resp: 972094  
Ion Ratio Lower Upper  
142 100  
141 86.7 69.4 104.0



#35  
1-Methylnaphthalene  
Concen: 21.435 ng/uL  
RT: 12.28 min Scan# 1614  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion:142 Resp: 978085  
Ion Ratio Lower Upper  
142 100  
141 90.8 72.6 109.0  
116 4.0 3.2 4.8

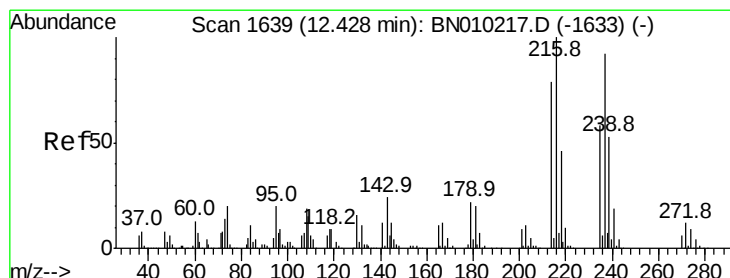
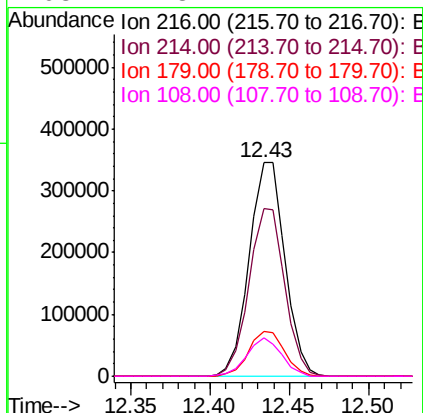
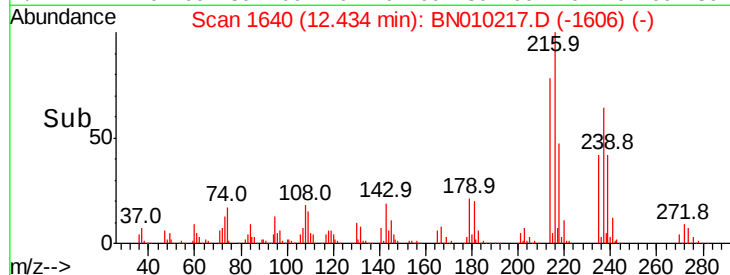
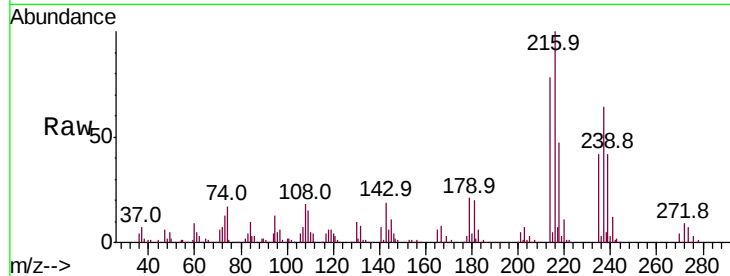




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 23.195 ng/ul  
 RT: 12.43 min Scan# 1640  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

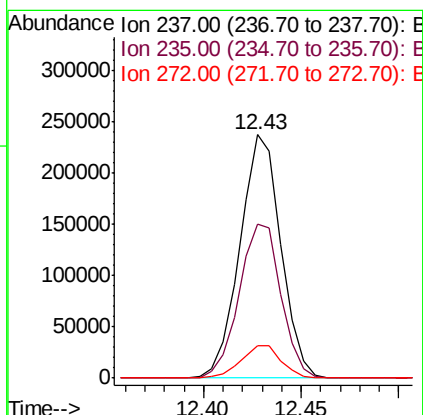
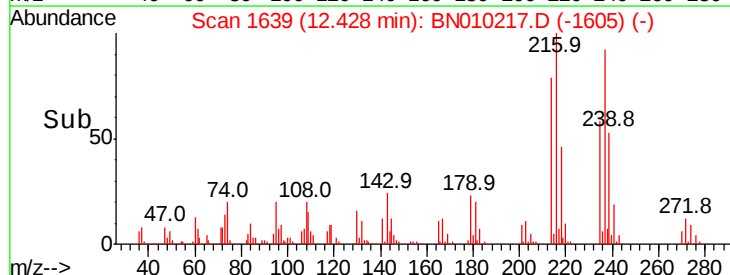
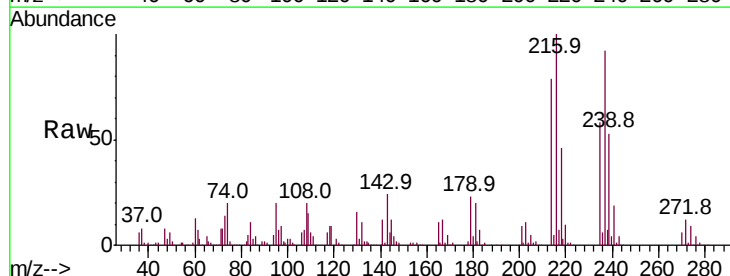
Instrument :  
 BNA\_N  
 ClientSampled :

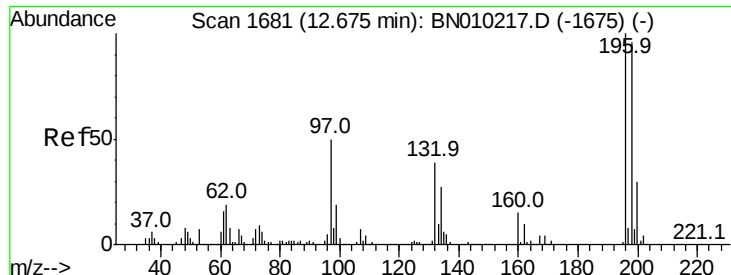
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 543608 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.4  | 62.7  | 94.1   |
| 179      | 20.9  | 16.7  | 25.1   |
| 108      | 17.8  | 14.2  | 21.4   |



#38  
 Hexachlorocyclopentadiene  
 Concen: 34.085 ng/ul  
 RT: 12.43 min Scan# 1639  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 345629 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.4  | 50.7  | 76.1   |
| 272      | 13.2  | 10.6  | 15.8   |

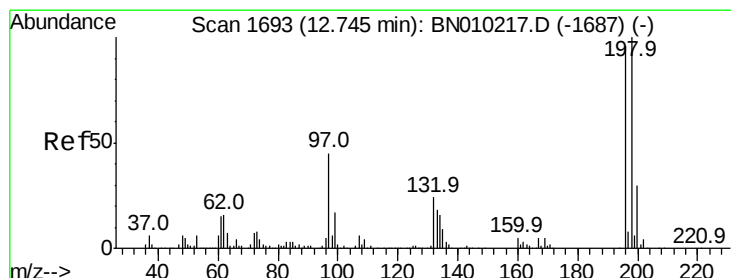
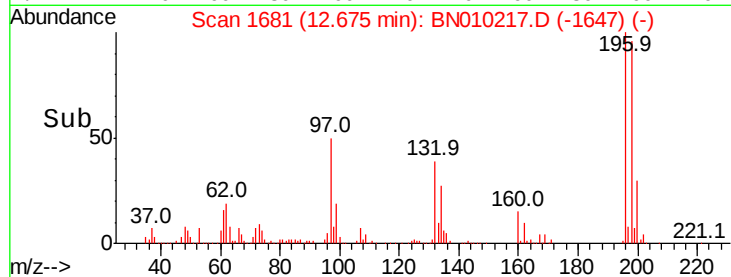
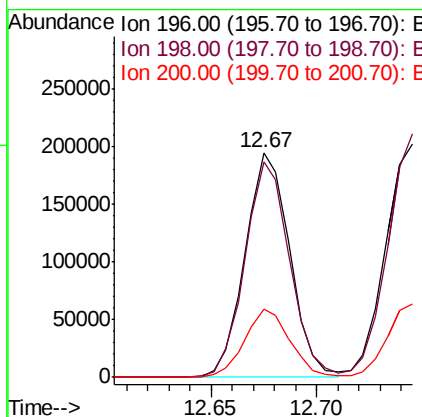
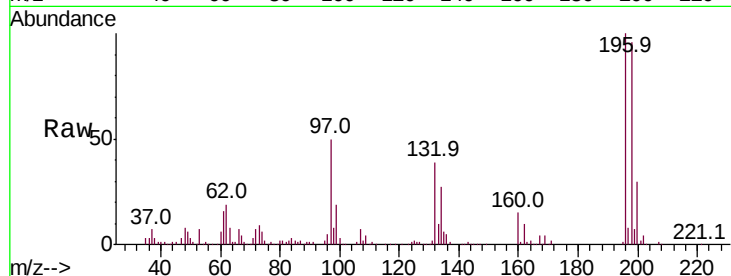




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.292 ng/ul  
 RT: 12.67 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

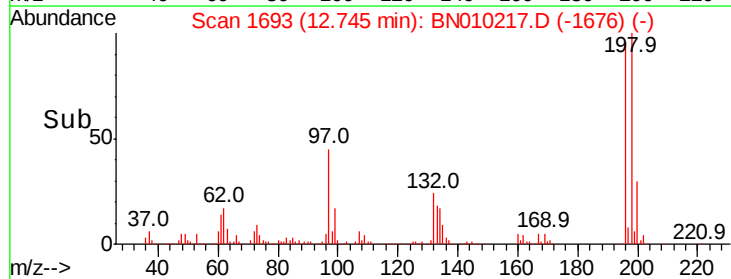
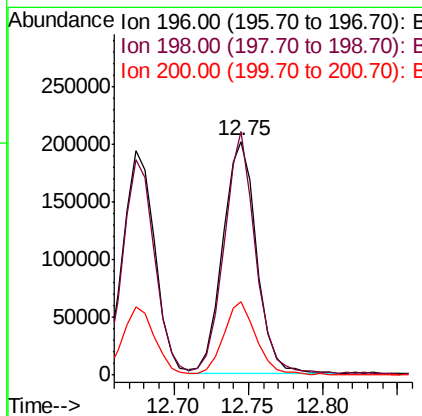
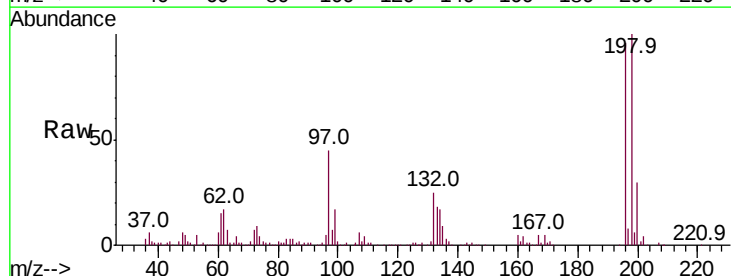
Instrument :  
 BNA\_N  
 ClientSampleId :

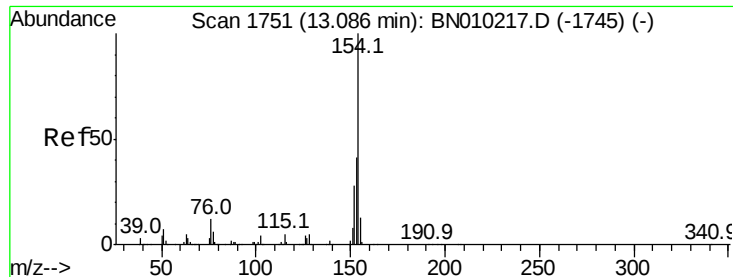
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 286960 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.8  | 76.6  | 115.0  |
| 200      | 30.5  | 24.4  | 36.6   |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.813 ng/ul  
 RT: 12.75 min Scan# 1693  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 316171 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 104.1 | 83.3  | 124.9  |
| 200      | 31.3  | 25.0  | 37.6   |





#41

1,1'-Biphenyl

Concen: 21.111 ng/ul

RT: 13.09 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

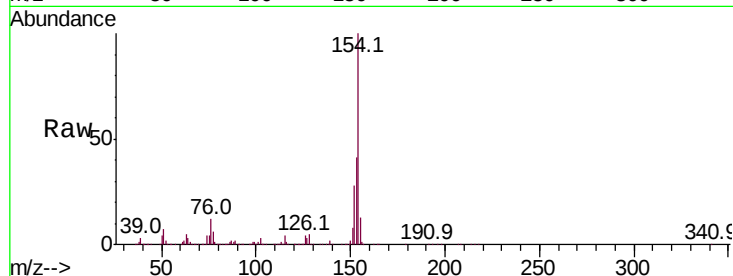
Instrument :

BNA\_N

ClientSampled :

Tot Ion:154 Resp: 1282067

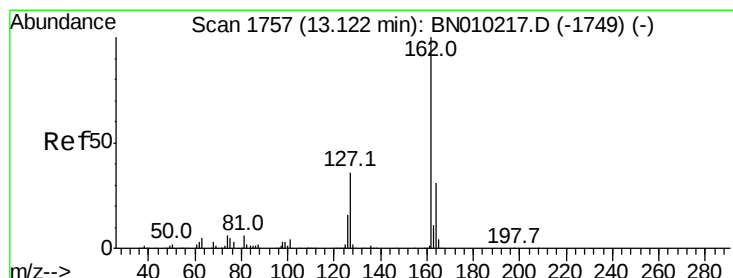
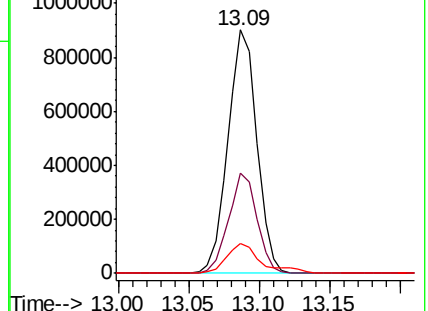
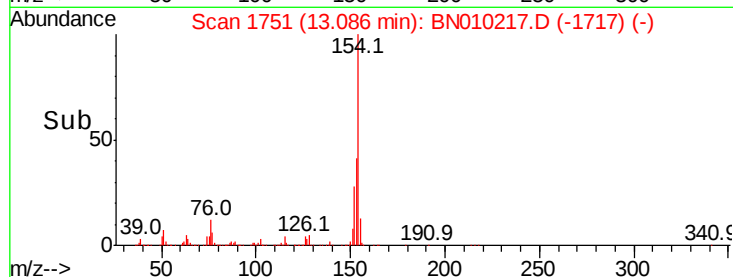
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 32.9  | 49.3  |
| 76  | 12.4  | 9.9   | 14.9  |



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: 21.439 ng/ul

RT: 13.12 min Scan# 1757

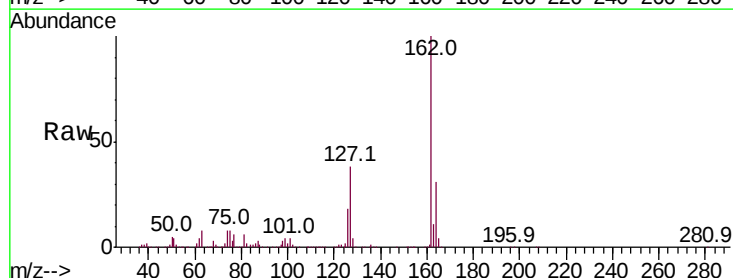
Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Tgt Ion:162 Resp: 1034003

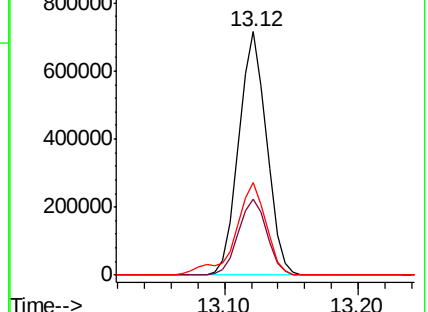
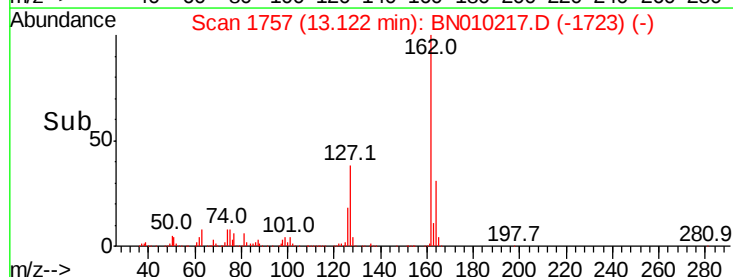
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 31.4  | 25.1  | 37.7  |
| 127 | 37.9  | 30.3  | 45.5  |

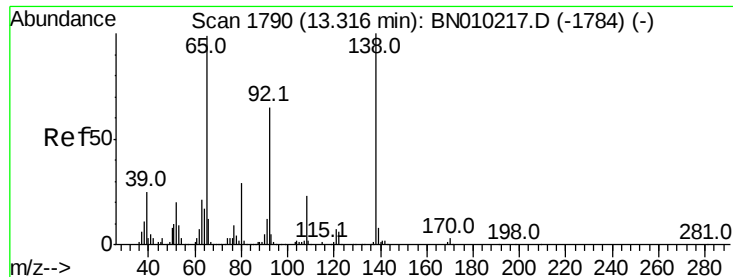


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

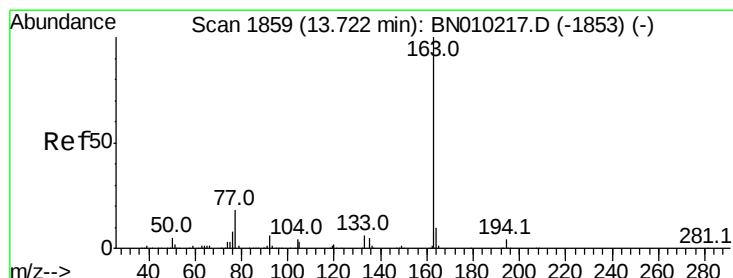
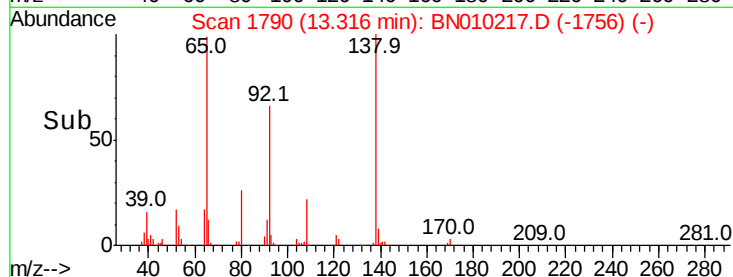
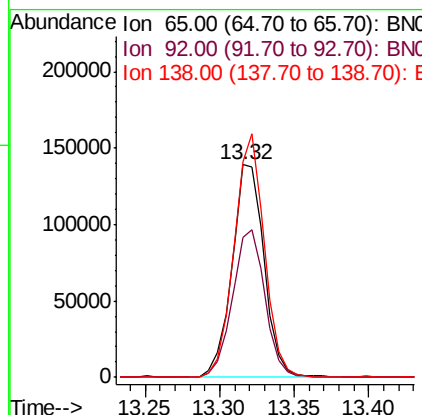
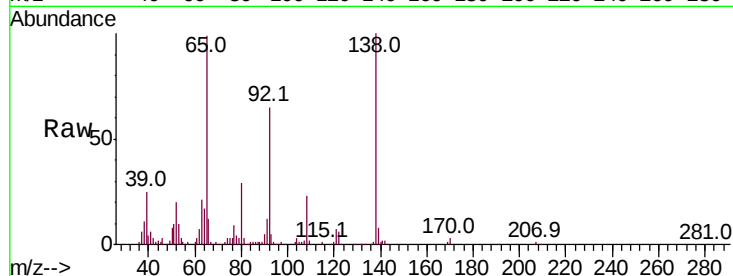




#43  
2-Nitroaniline  
Concen: 11.869 ng/ul  
RT: 13.32 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

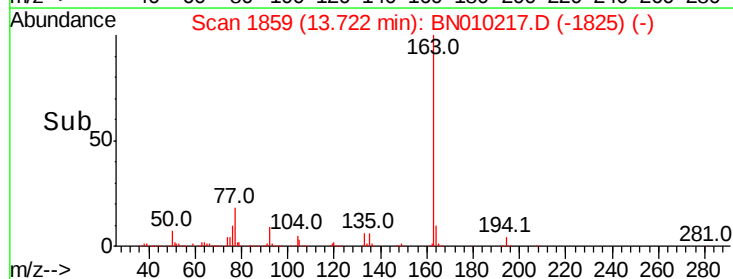
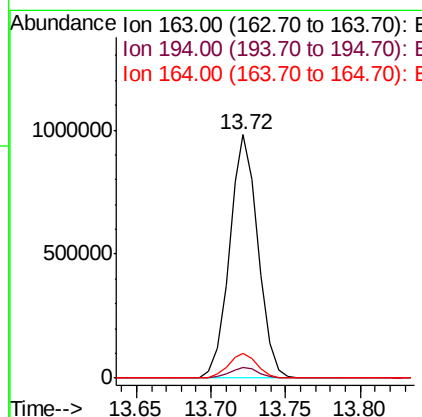
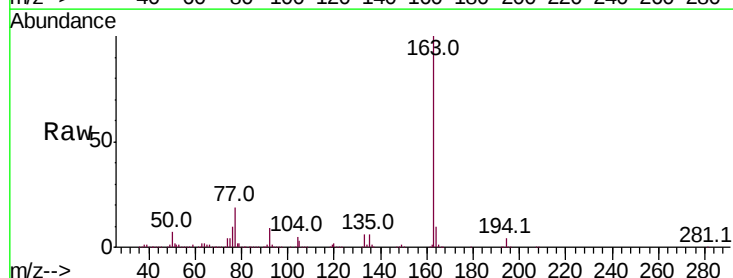
Instrument :  
BNA\_N  
ClientSampleId :

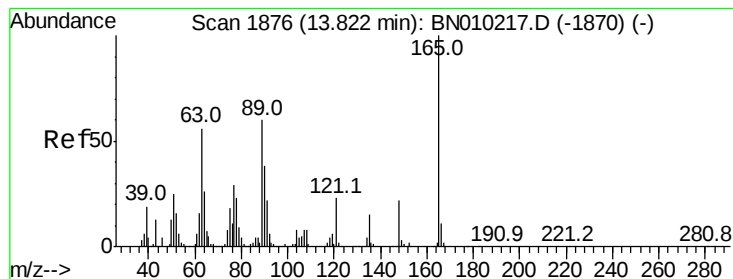
Tot Ion: 65 Resp: 209342  
Ion Ratio Lower Upper  
65 100  
92 65.7 52.6 78.8  
138 101.2 81.0 121.4



#45  
Dimethylphthalate  
Concen: 21.187 ng/ul  
RT: 13.72 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion:163 Resp: 1305644  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.6 5.4  
164 10.4 8.3 12.5





#46

2,6-Dinitrotoluene

Concen: 17.669 ng/ul

RT: 13.82 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

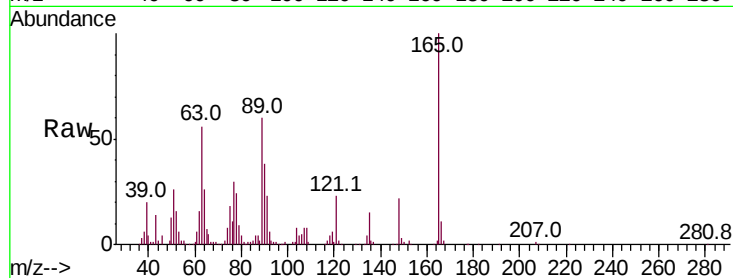
Tot Ion:165 Resp: 213159

Ion Ratio Lower Upper

165 100

89 60.2 48.2 72.2

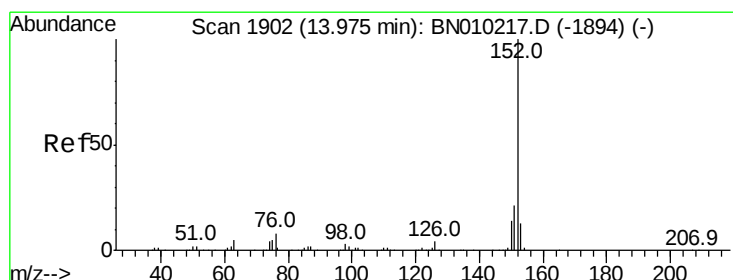
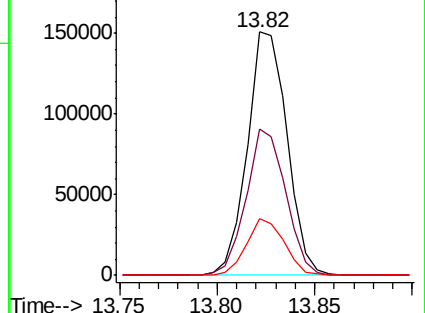
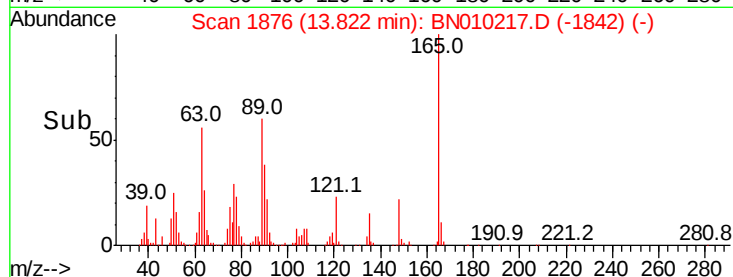
121 23.3 18.6 28.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E



#48

Acenaphthylene

Concen: 21.611 ng/ul

RT: 13.97 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

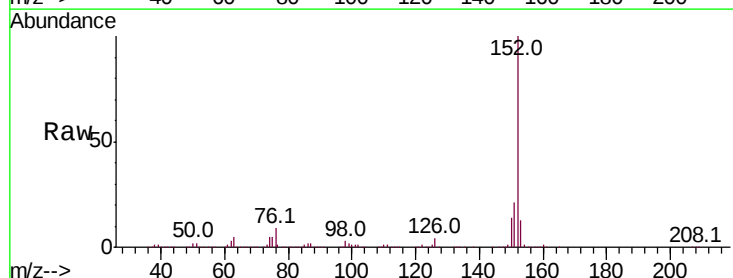
Tgt Ion:152 Resp: 1626988

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

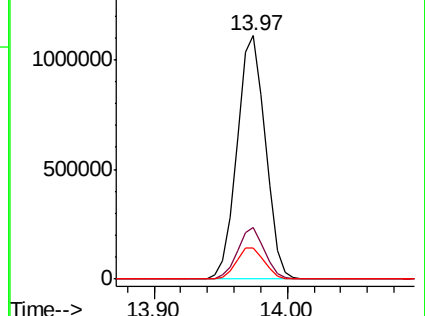
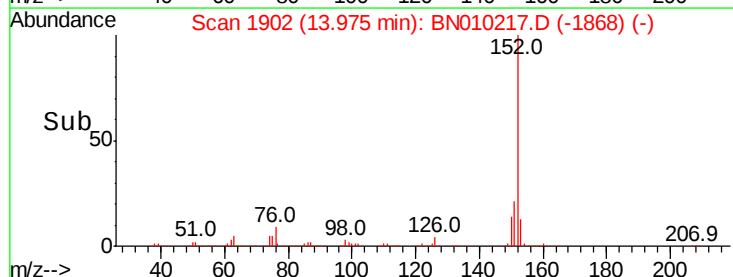
153 12.9 10.3 15.5

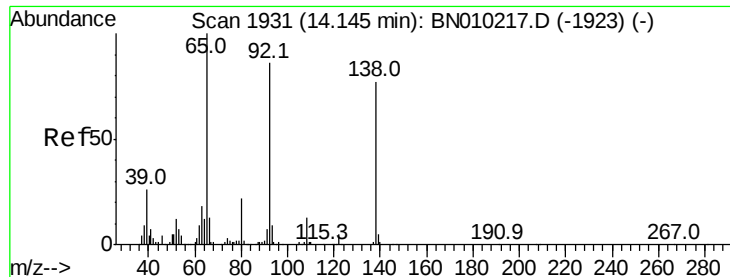


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 14.554 ng/ul

RT: 14.15 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

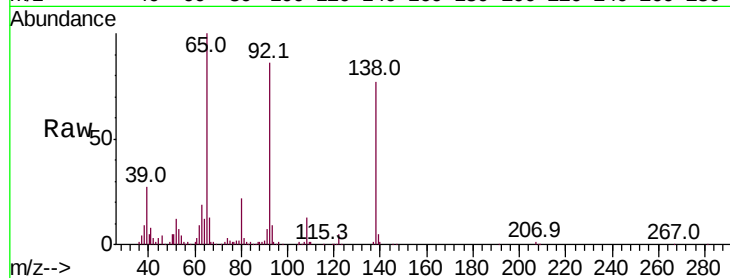
Tot Ion:138 Resp: 162100

Ion Ratio Lower Upper

138 100

108 16.5 13.2 19.8

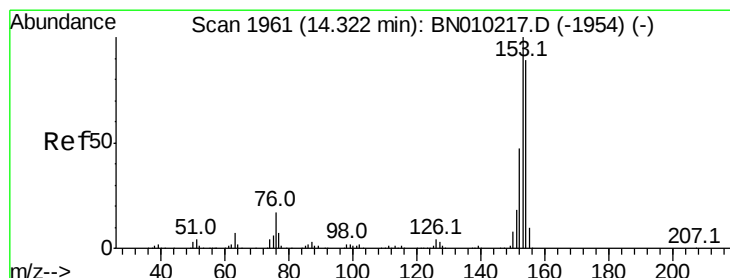
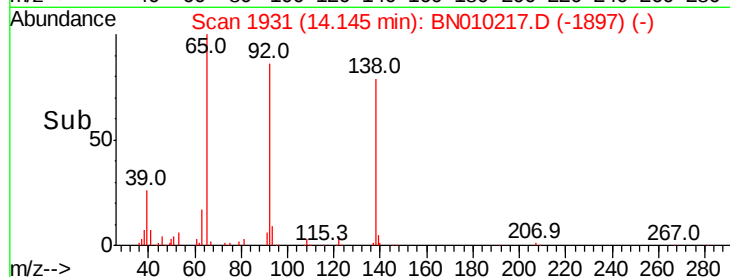
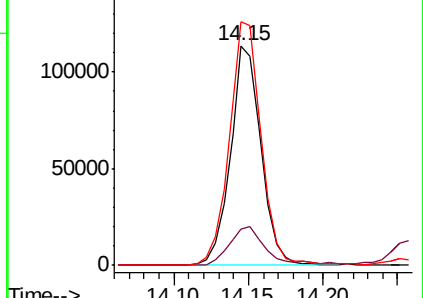
92 110.9 88.7 133.1



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): BNO



#50

Acenaphthene

Concen: 21.461 ng/ul

RT: 14.32 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

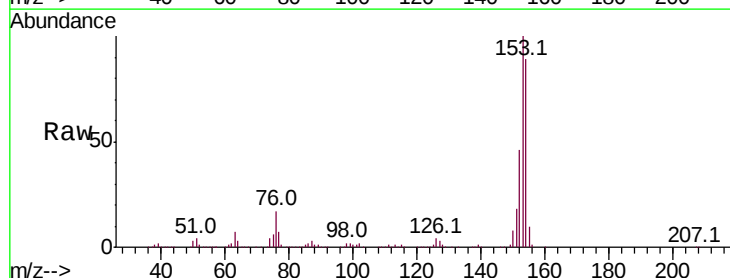
Tgt Ion:153 Resp: 1107631

Ion Ratio Lower Upper

153 100

152 46.5 37.2 55.8

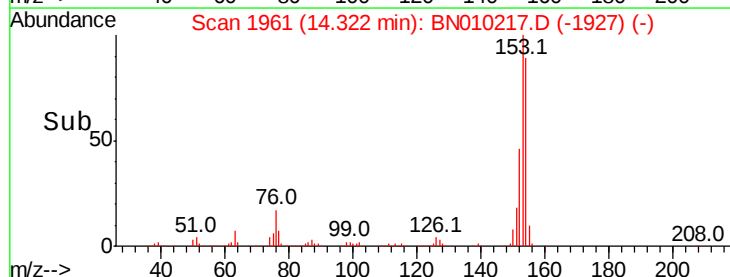
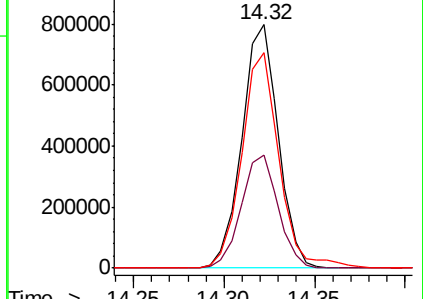
154 88.5 70.8 106.2

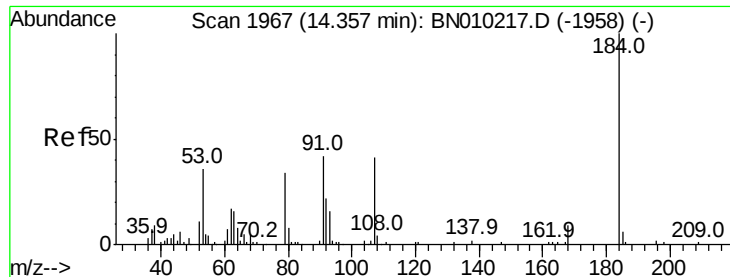


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

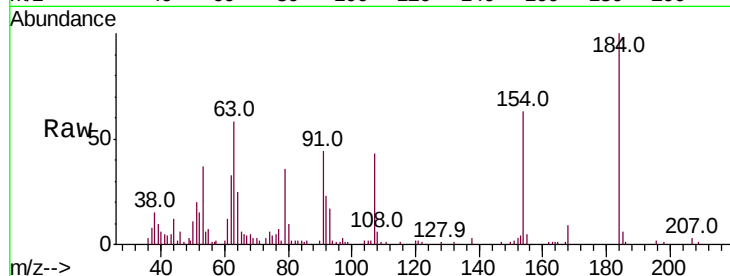




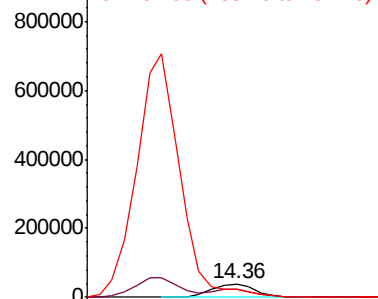
#51  
 2,4-Dinitrophenol  
 Concen: 8.402 ng/ul  
 RT: 14.36 min Scan# 1967  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

Instrument :  
 BNA\_N  
 ClientSampled :

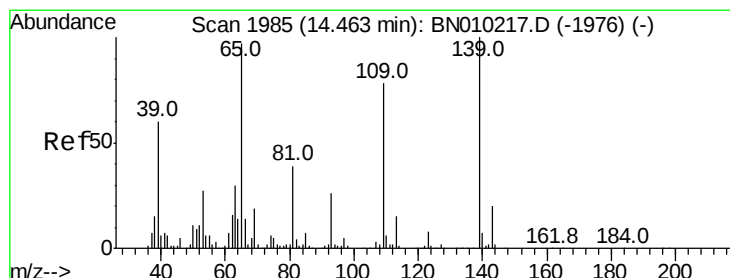
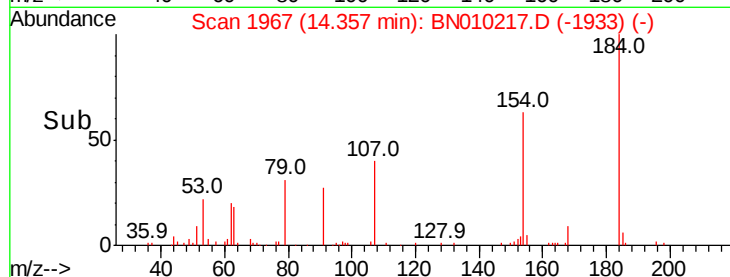
Tot Ion:184 Resp: 58193  
 Ion Ratio Lower Upper  
 184 100  
 63 57.7 46.2 69.2  
 154 63.1 50.5 75.7



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

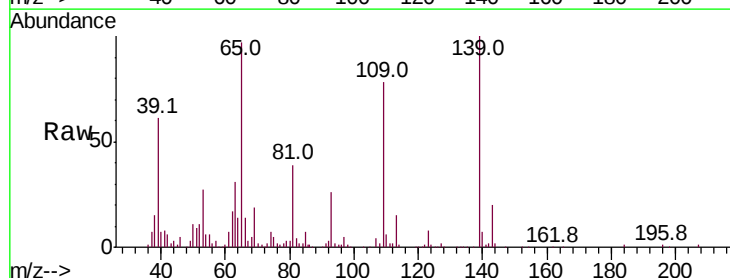


Time-->

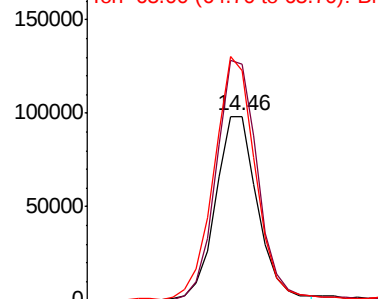


#53  
 4-Nitrophenol  
 Concen: 14.991 ng/ul  
 RT: 14.46 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

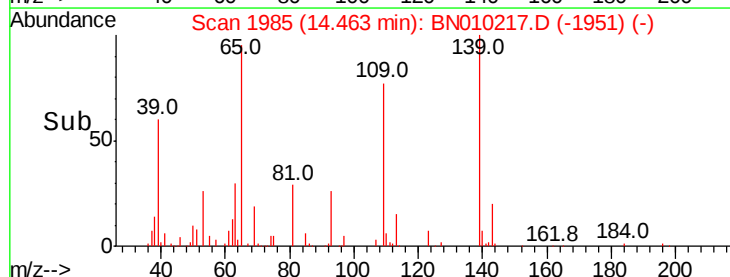
Tgt Ion:109 Resp: 145903  
 Ion Ratio Lower Upper  
 109 100  
 139 128.2 102.6 153.8  
 65 124.7 99.8 149.6

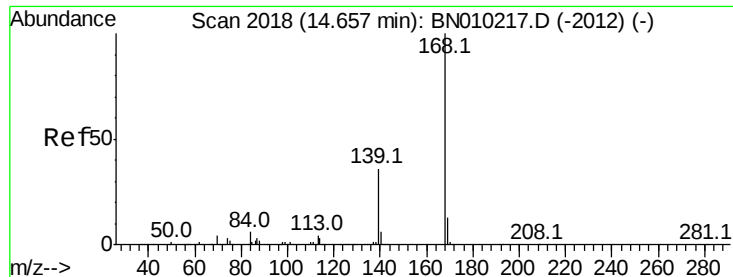


Abundance Ion 109.00 (108.70 to 109.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 65.00 (64.70 to 65.70): BNO



Time-->





#54

Dibenzofuran

Concen: 21.121 ng/ul

RT: 14.66 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

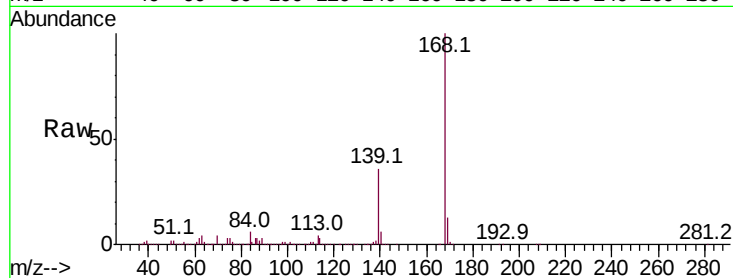
ClientSampleId :

Tot Ion:168 Resp: 1530013

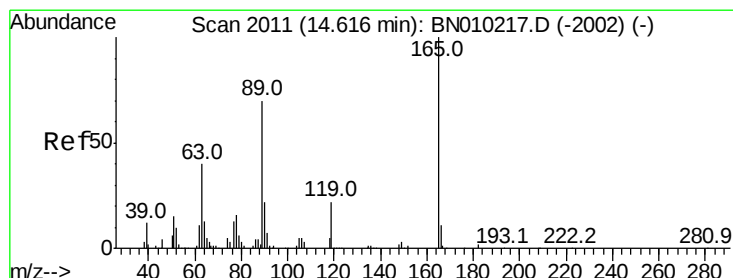
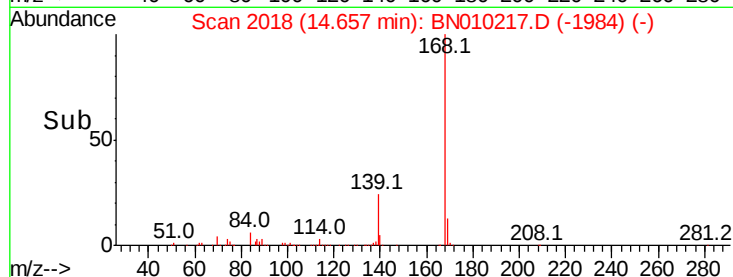
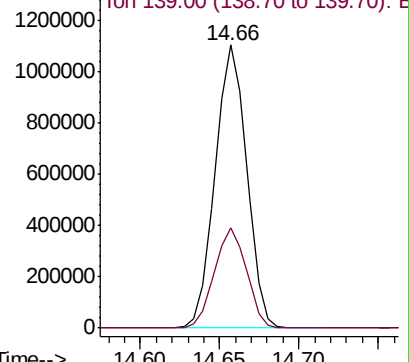
Ion Ratio Lower Upper

168 100

139 35.5 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E



#55

2,4-Dinitrotoluene

Concen: 17.075 ng/ul

RT: 14.62 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

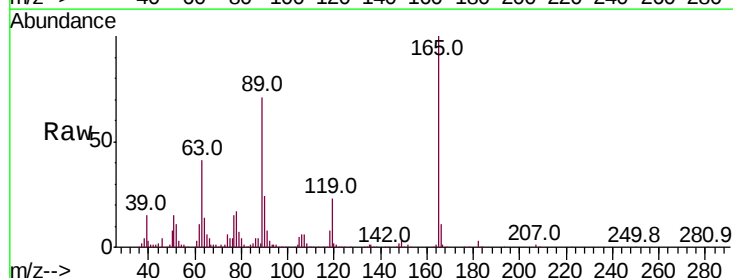
Tgt Ion:165 Resp: 305295

Ion Ratio Lower Upper

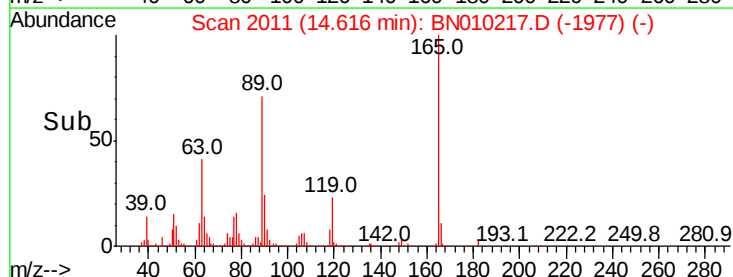
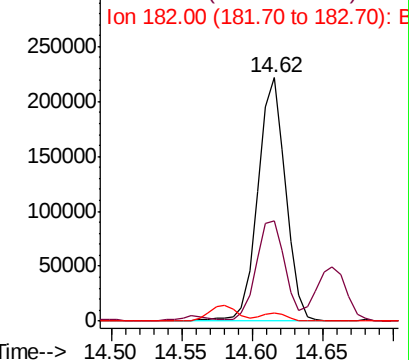
165 100

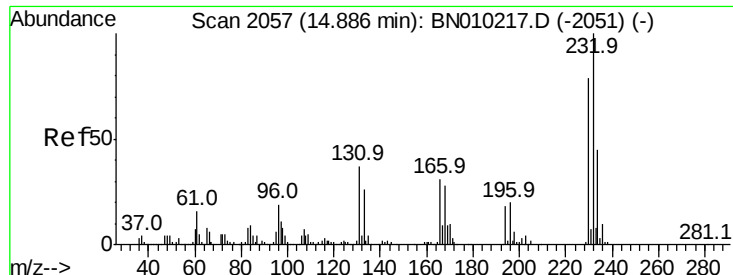
63 41.3 33.0 49.6

182 3.5 2.8 4.2



Abundance Ion 165.00 (164.70 to 165.70): E

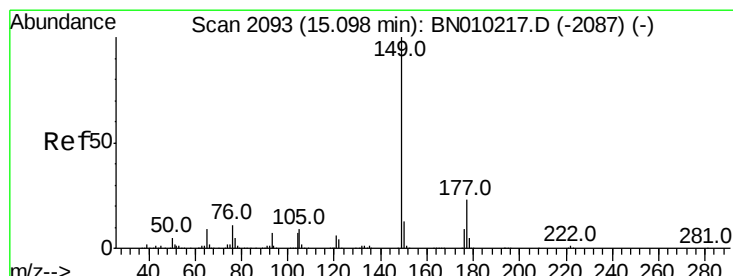
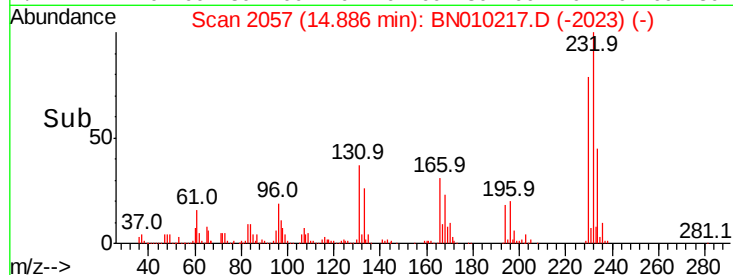
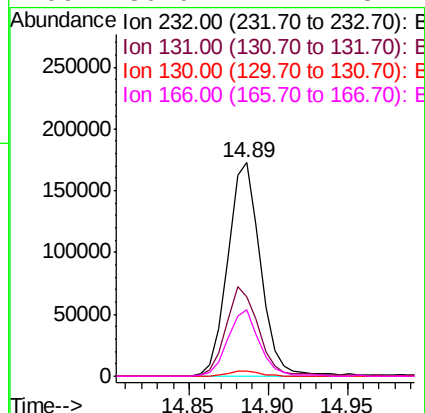
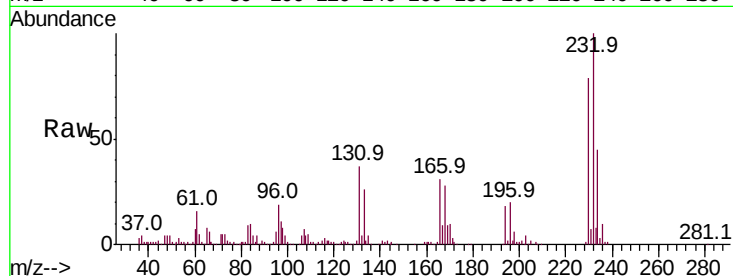




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 18.053 ng/ul  
 RT: 14.89 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

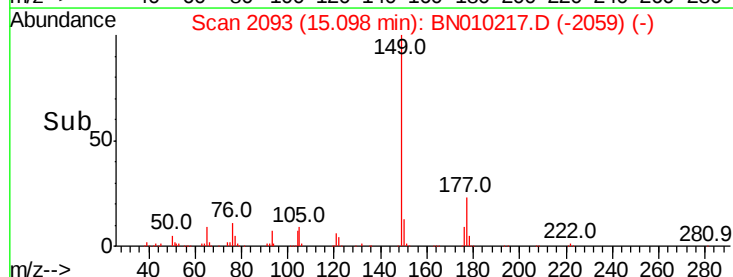
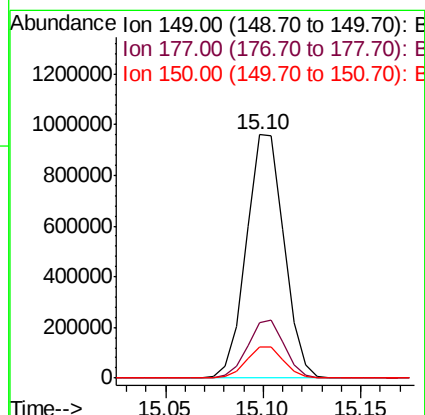
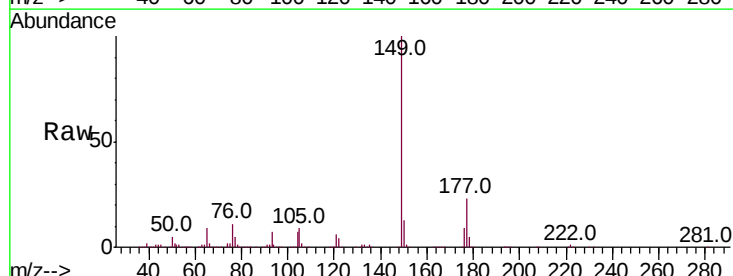
Instrument :  
 BNA\_N  
 ClientSampleId :

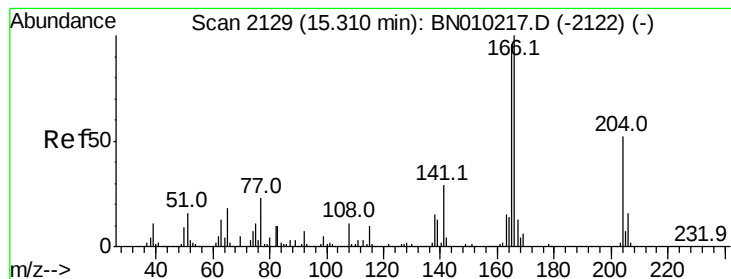
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 247687 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.2  | 29.8  | 44.6   |
| 130      | 2.2   | 1.8   | 2.6    |
| 166      | 30.9  | 24.7  | 37.1   |



#57  
 Diethylphthalate  
 Concen: 20.348 ng/ul  
 RT: 15.10 min Scan# 2093  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1287620 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.9  | 18.3  | 27.5    |
| 150      | 12.6  | 10.1  | 15.1    |





#59

Fluorene

Concen: 21.006 ng/ul

RT: 15.31 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

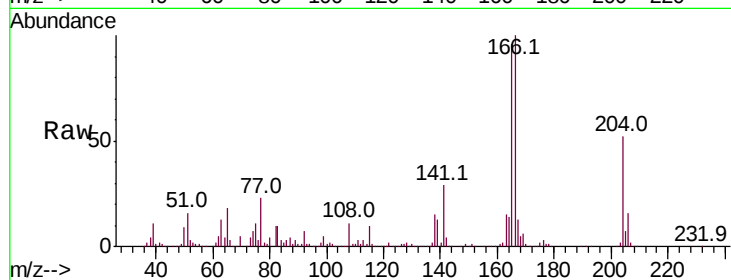
Tot Ion:166 Resp: 1277046

Ion Ratio Lower Upper

166 100

165 95.8 76.6 115.0

167 13.4 10.7 16.1

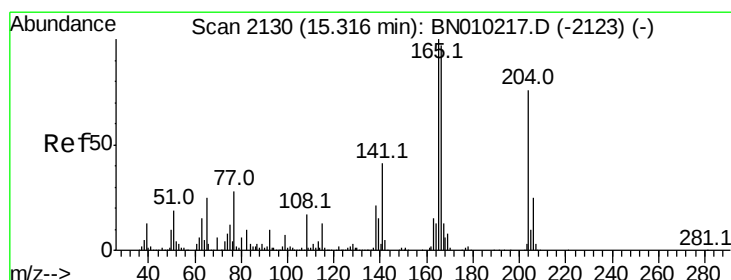
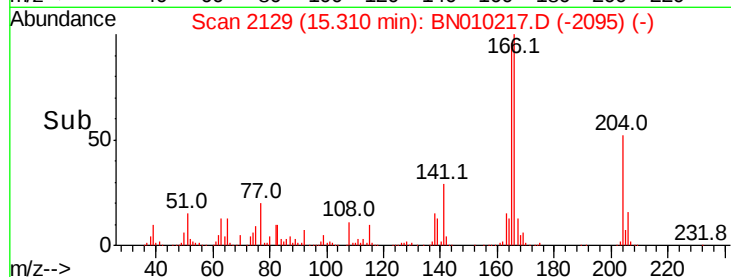
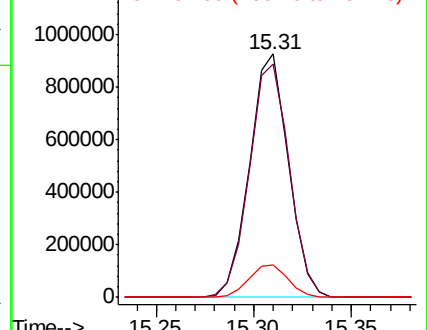


Abundance

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: 22.037 ng/ul

RT: 15.32 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

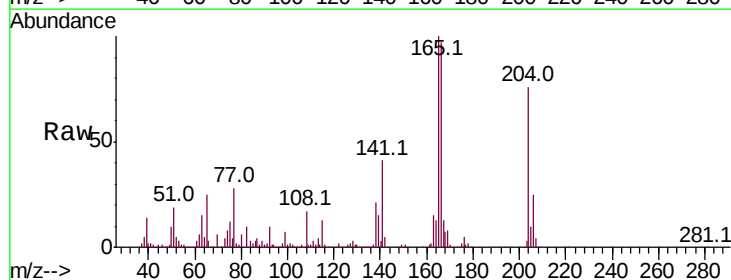
Tgt Ion:204 Resp: 660719

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

141 53.2 42.6 63.8

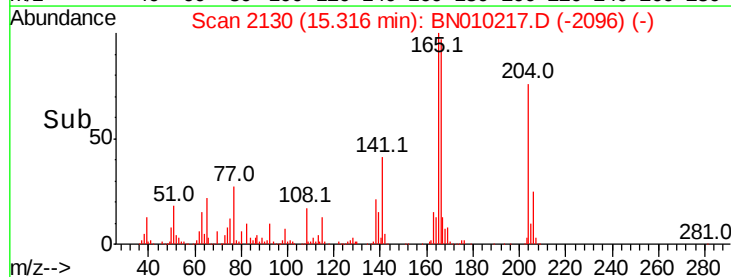
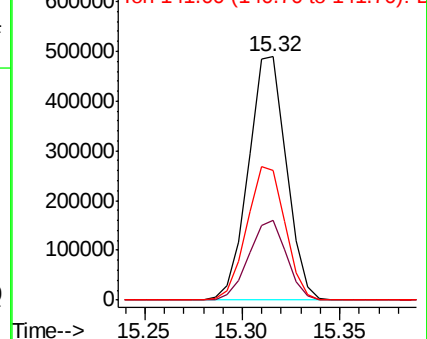


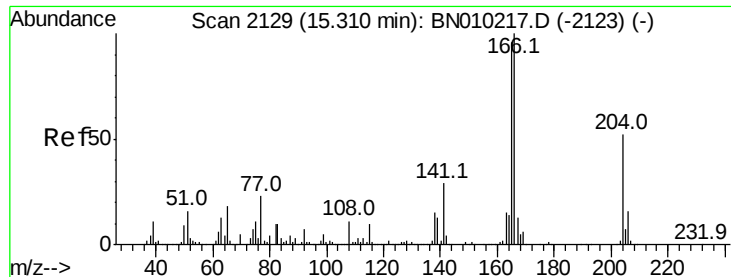
Abundance

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

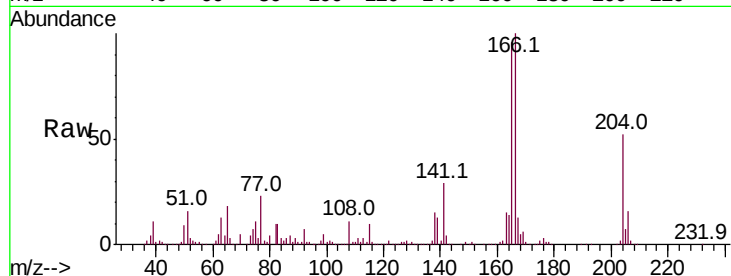




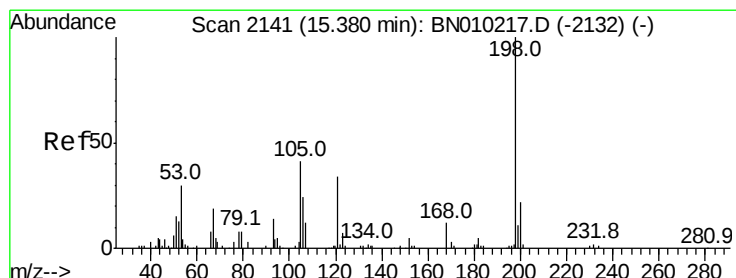
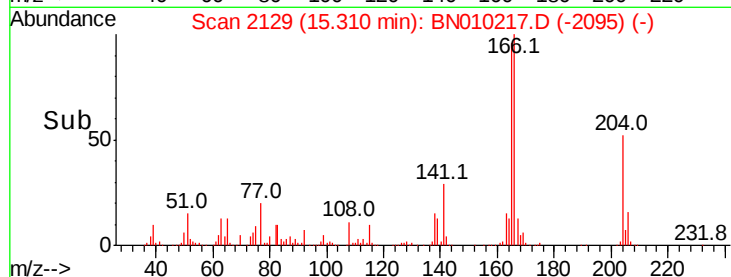
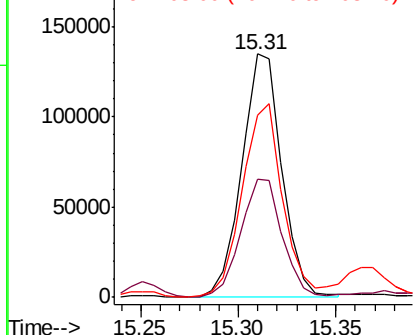
#61  
4-Nitroaniline  
Concen: 14.113 ng/ul  
RT: 15.31 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:138 Resp: 191688  
Ion Ratio Lower Upper  
138 100  
92 48.8 39.0 58.6  
108 74.8 59.8 89.8

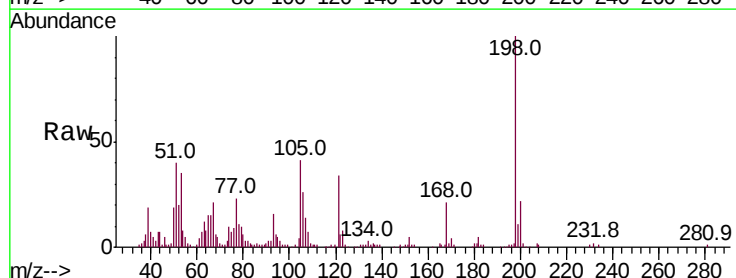


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

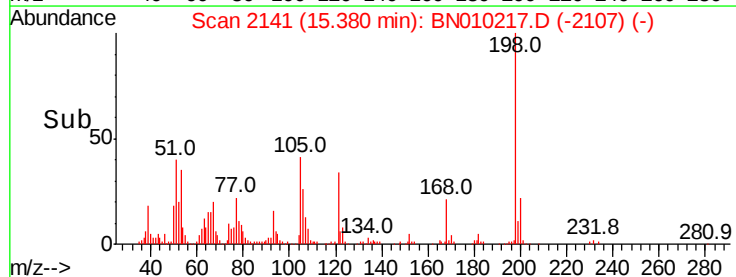
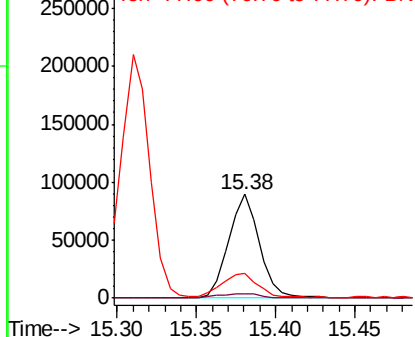


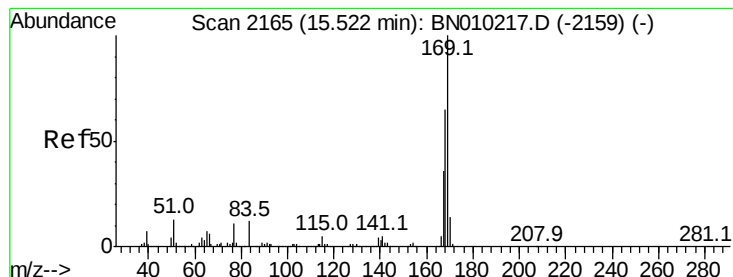
#64  
4,6-Dinitro-2-methylphenol  
Concen: 10.333 ng/ul  
RT: 15.38 min Scan# 2141  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion:198 Resp: 121674  
Ion Ratio Lower Upper  
198 100  
182 4.7 3.8 5.6  
77 23.4 18.7 28.1



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



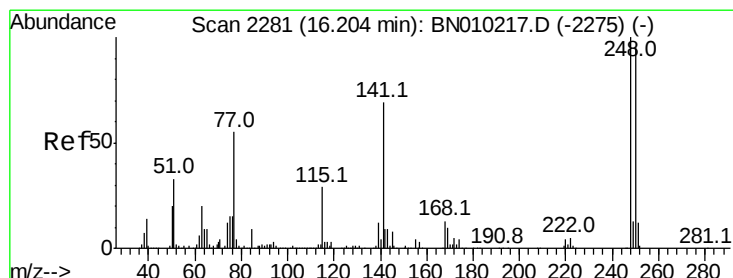
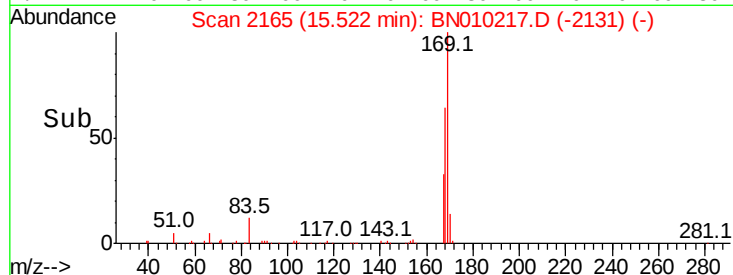
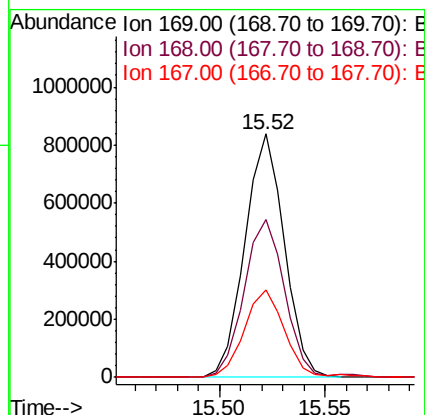
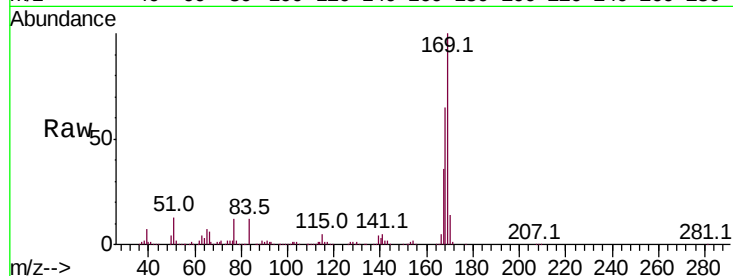


#65

N-Nitrosodiphenylamine  
 Concen: 20.804 ng/ul  
 RT: 15.52 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

Instrument :  
 BNA\_N  
 ClientSampled :

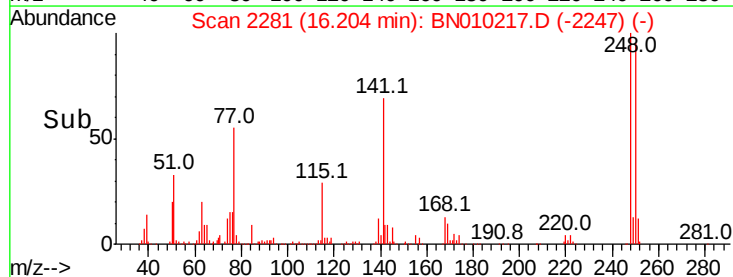
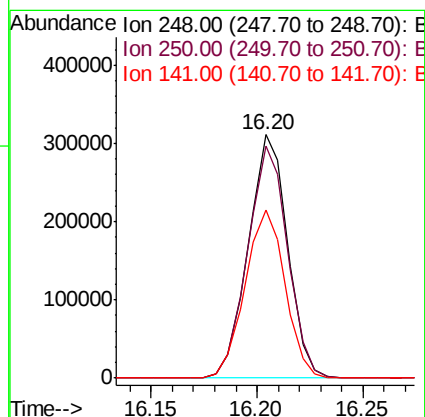
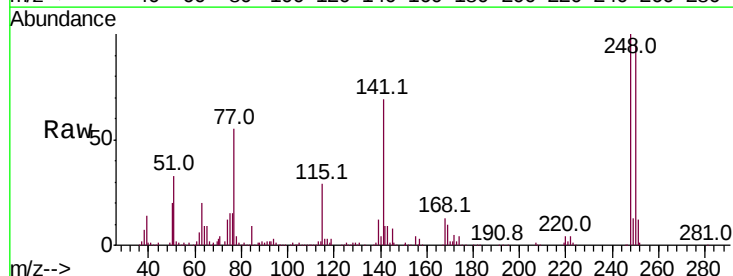
Tot Ion:169 Resp: 1086179  
 Ion Ratio Lower Upper  
 169 100  
 168 65.1 52.1 78.1  
 167 35.7 28.6 42.8

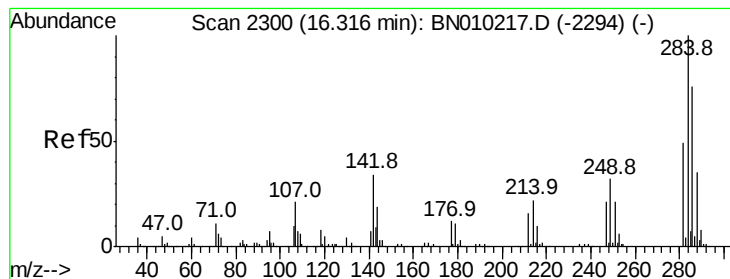


#66

4-Bromophenyl-phenylether  
 Concen: 22.871 ng/ul  
 RT: 16.20 min Scan# 2281  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

Tgt Ion:248 Resp: 402701  
 Ion Ratio Lower Upper  
 248 100  
 250 95.3 76.2 114.4  
 141 68.9 55.1 82.7





#67

Hexachlorobenzene

Concen: 23.279 ng/ul

RT: 16.32 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

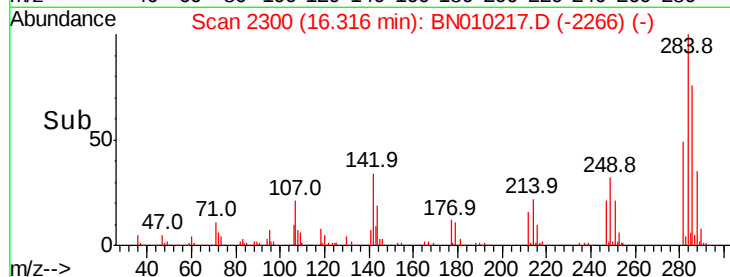
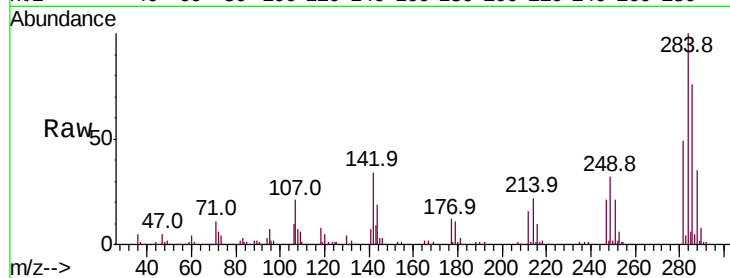
Tot Ion:284 Resp: 453552

Ion Ratio Lower Upper

284 100

142 33.7 27.0 40.4

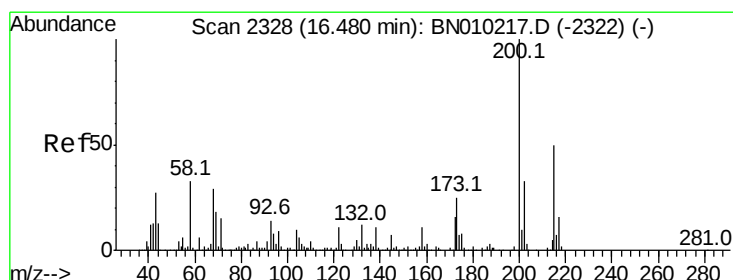
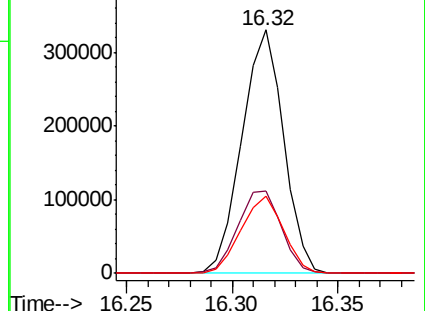
249 31.9 25.5 38.3



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: 21.381 ng/ul

RT: 16.48 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

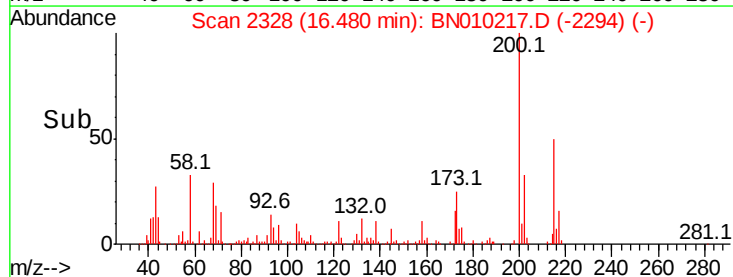
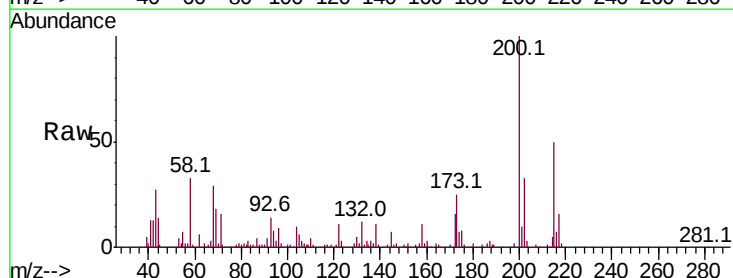
Tgt Ion:200 Resp: 423472

Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

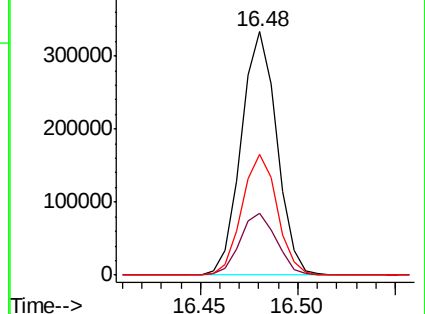
215 49.6 39.7 59.5

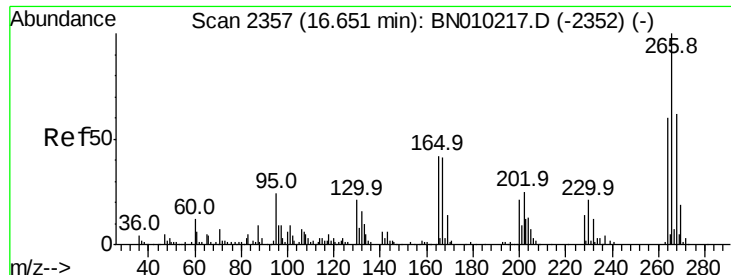


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 16.417 ng/ul

RT: 16.65 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

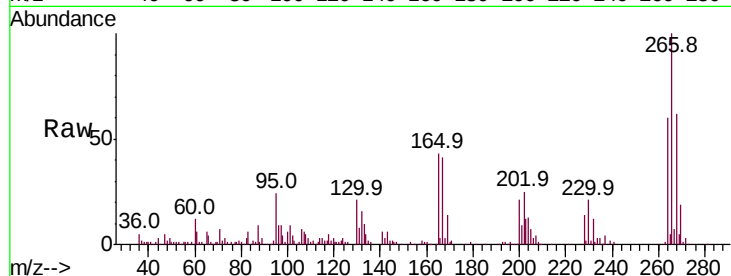
Tot Ion:266 Resp: 184851

Ion Ratio Lower Upper

266 100

264 59.9 47.9 71.9

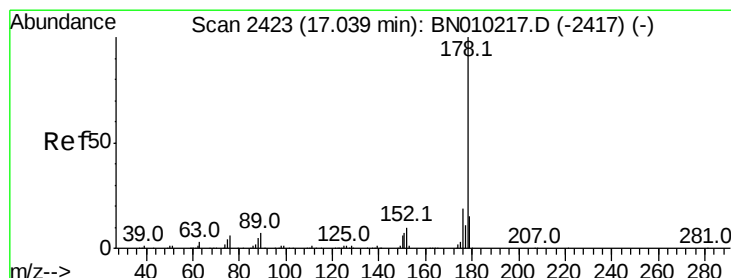
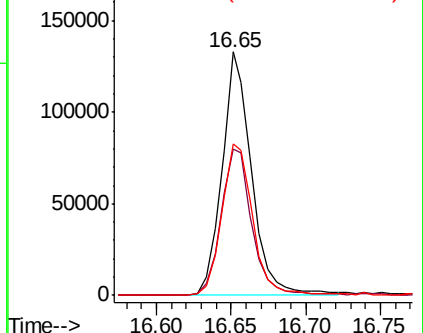
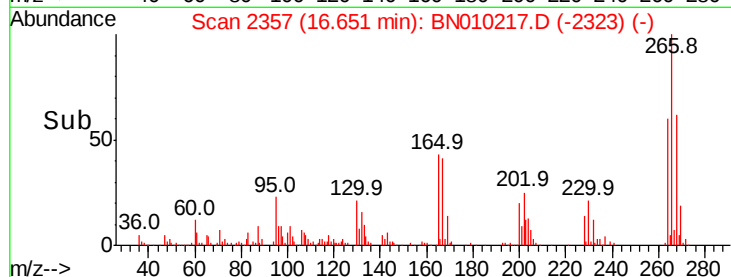
268 62.3 49.8 74.8



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: 21.010 ng/ul

RT: 17.04 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

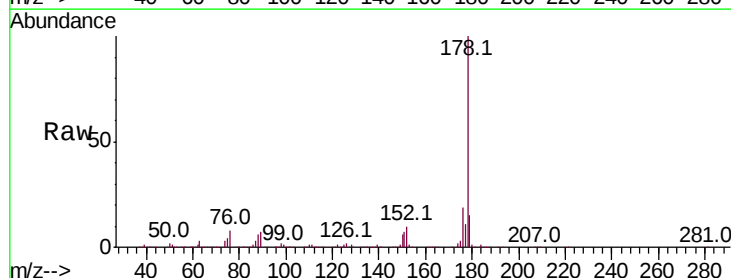
Tgt Ion:178 Resp: 2109895

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

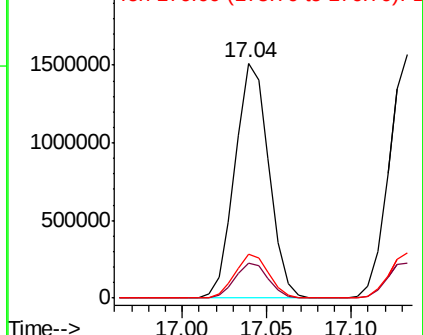
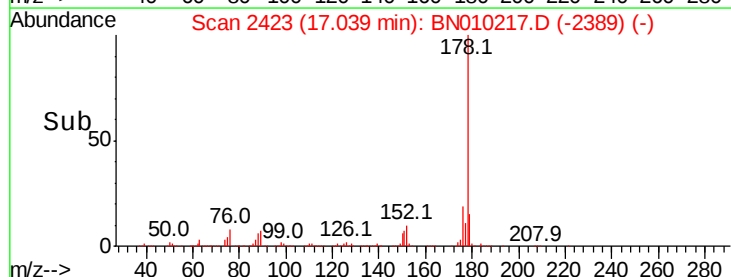
176 18.8 15.0 22.6

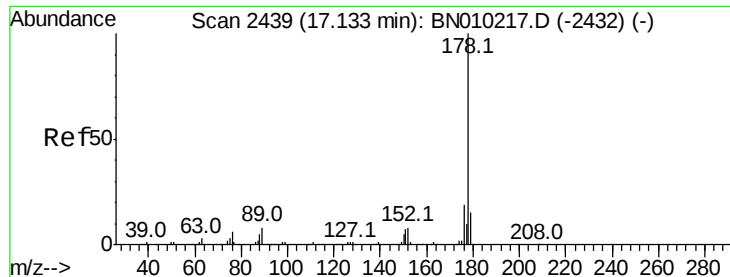


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



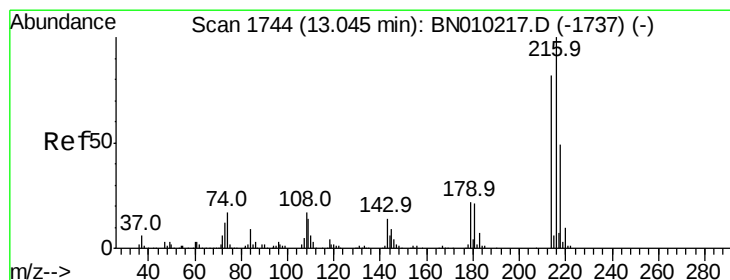
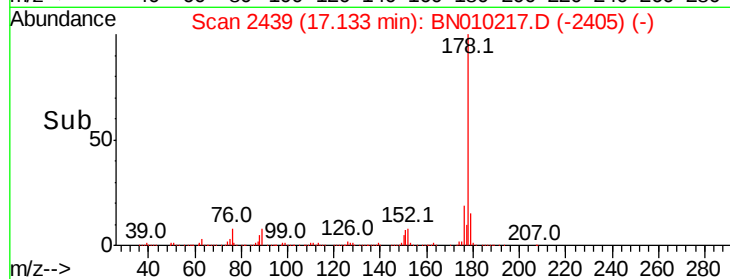
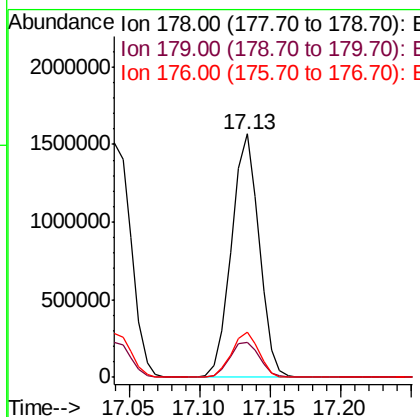
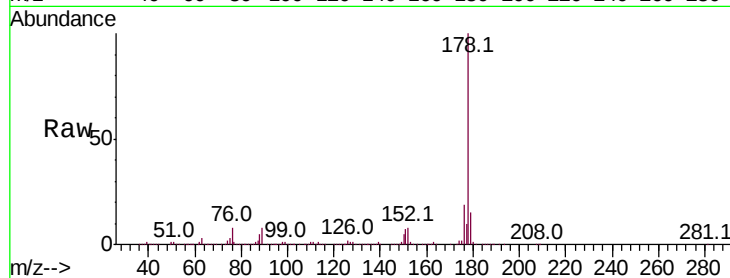


#72  
 Anthracene  
 Concen: 20.832 ng/ul  
 RT: 17.13 min Scan# 2439  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:178 Resp: 2138607  

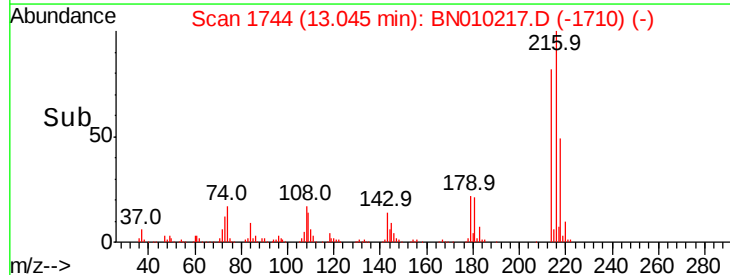
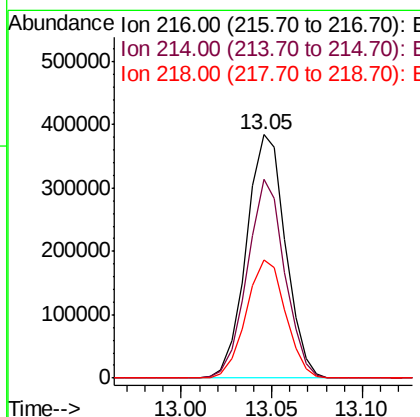
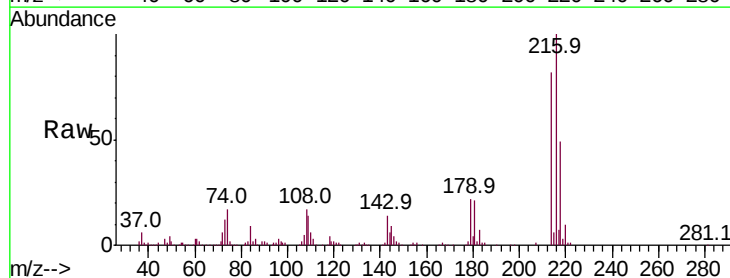
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 14.6  | 11.7  | 17.5  |
| 176 | 18.8  | 15.0  | 22.6  |

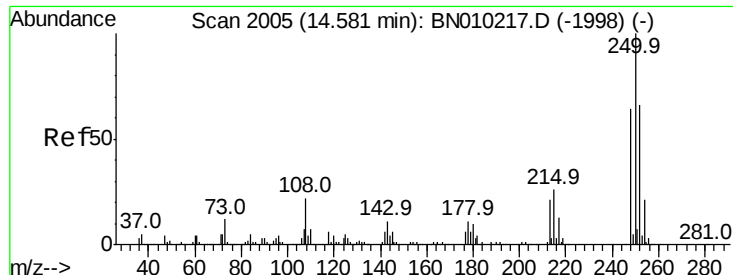


#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 22.375 ng/uL  
 RT: 13.05 min Scan# 1744  
 Delta R.T. 0.00 min  
 Lab File: BN010217.D  
 Acq: 14 Mar 2020 11:50

Tgt Ion:216 Resp: 575231  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 81.9  | 65.5  | 98.3  |
| 218 | 48.6  | 38.9  | 58.3  |





#74

Pentachlorobenzene

Concen: 22.440 ng/uL

RT: 14.58 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampled :

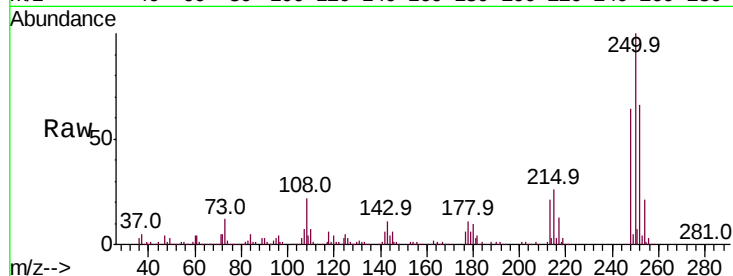
Tot Ion:250 Resp: 556333

Ion Ratio Lower Upper

250 100

248 64.1 51.3 76.9

252 65.6 52.5 78.7

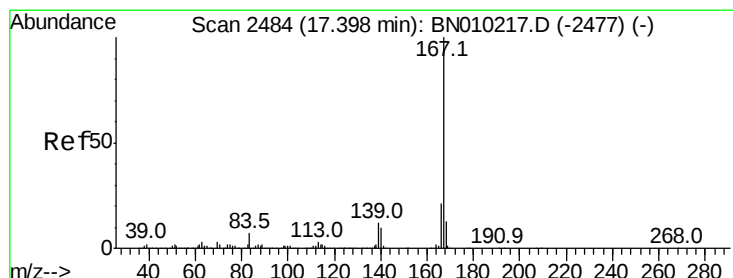
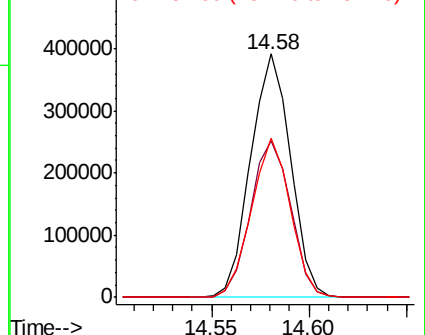
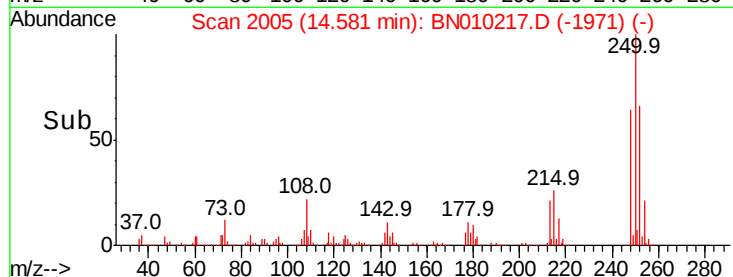


Abundance

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: 20.648 ng/uL

RT: 17.40 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

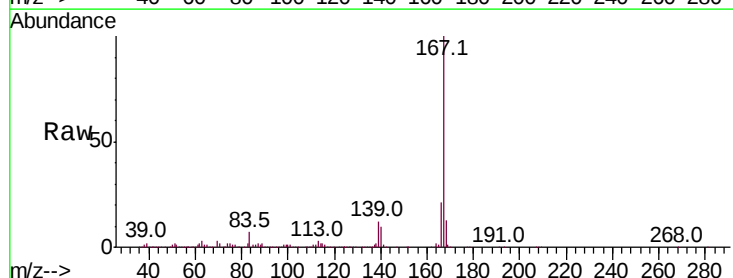
Tgt Ion:167 Resp: 1866674

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 12.2 9.8 14.6

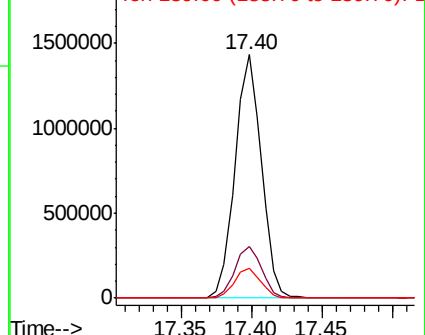
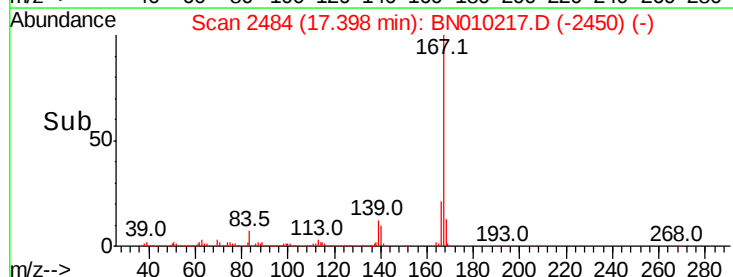


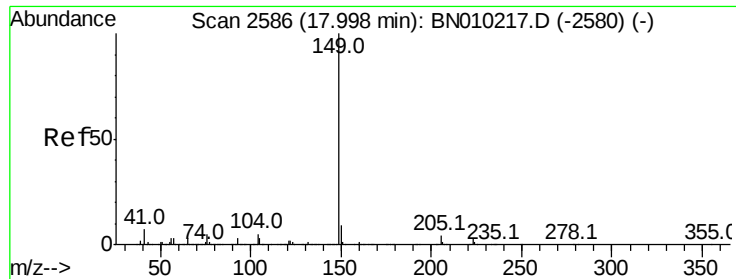
Abundance

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: 19.841 ng/ul

RT: 18.00 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

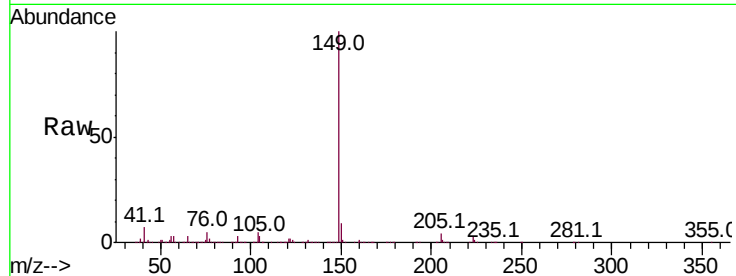
Tot Ion:149 Resp: 2213967

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.2   | 10.8  |
| 104 | 5.3   | 4.2   | 6.4   |

149 100

150 9.0 7.2 10.8

104 5.3 4.2 6.4

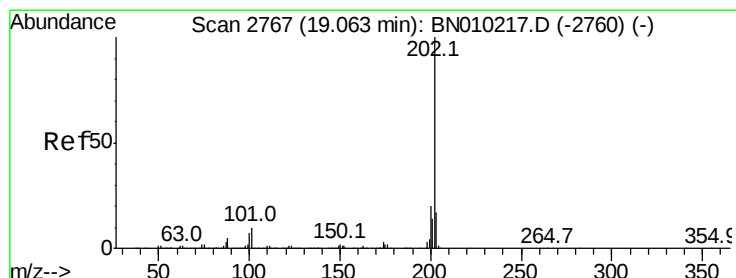
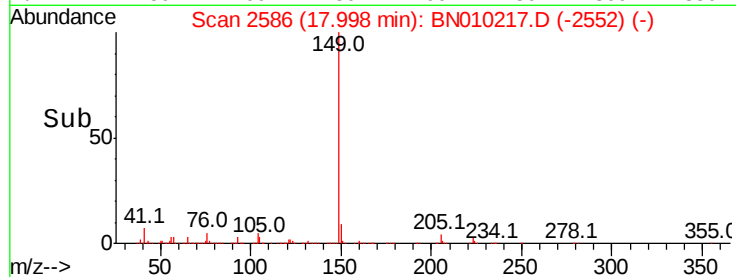
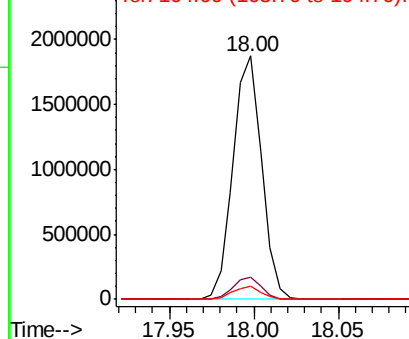


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 21.714 ng/ul

RT: 19.06 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

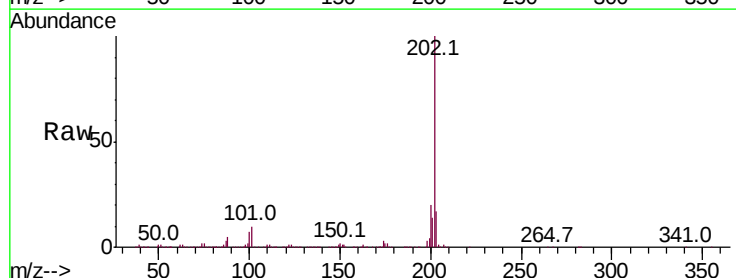
Tgt Ion:202 Resp: 2554291

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.7   | 7.8   | 11.6  |
| 100 | 7.4   | 5.9   | 8.9   |

202 100

101 9.7 7.8 11.6

100 7.4 5.9 8.9

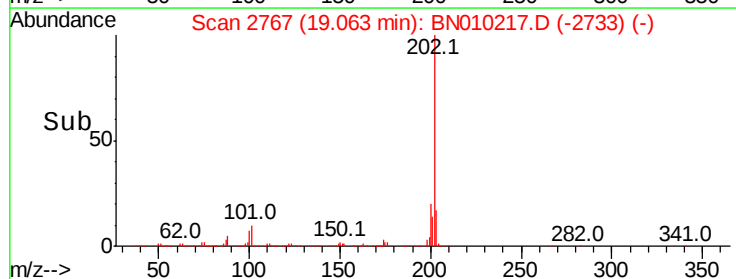
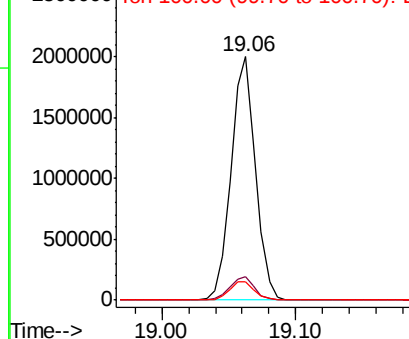


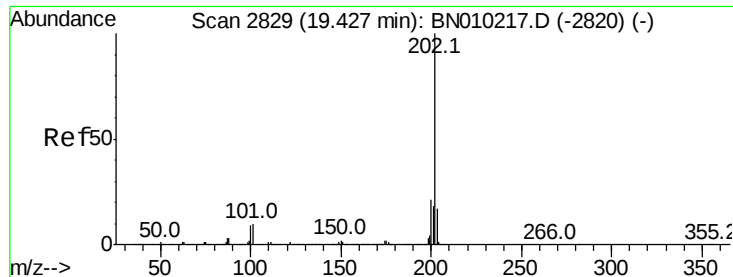
Abundance

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

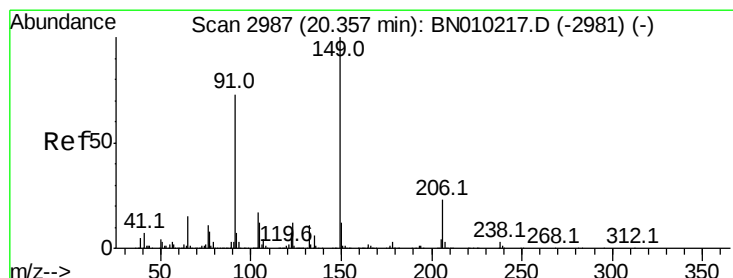
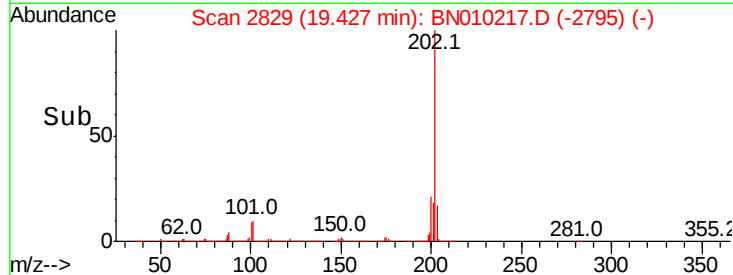
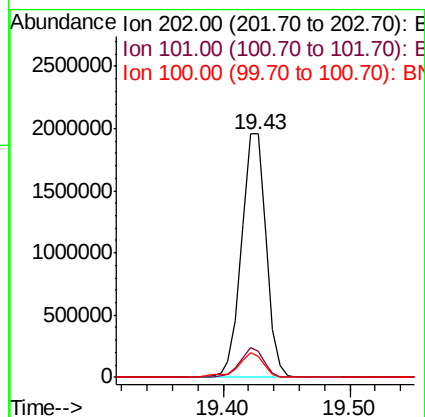
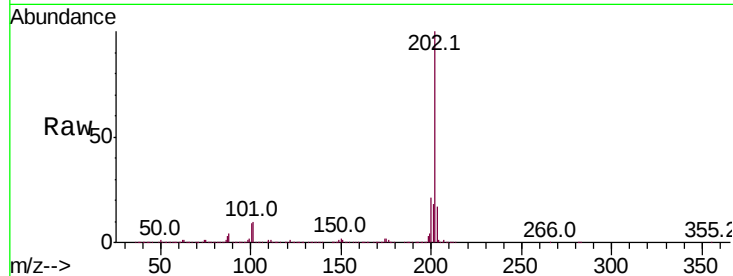




#80  
Pvrene  
Concen: 21.392 ng/ul  
RT: 19.43 min Scan# 2829  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

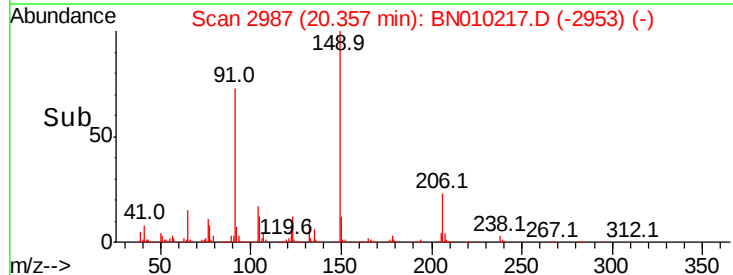
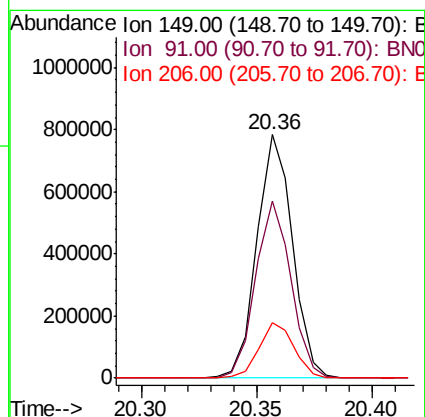
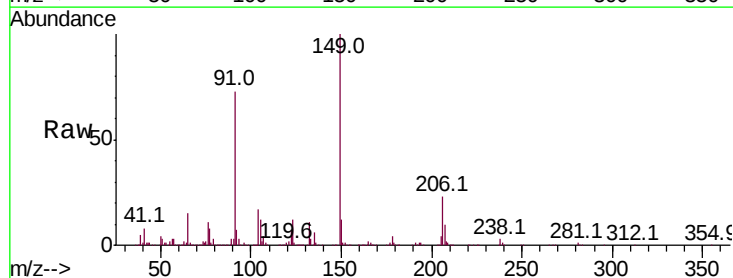
Instrument :  
BNA\_N  
ClientSampled :

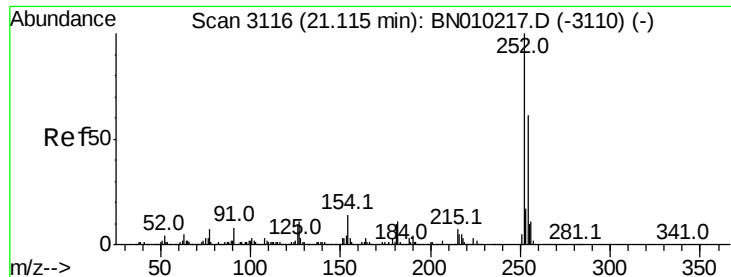
Tot Ion:202 Resp: 2621418  
Ion Ratio Lower Upper  
202 100  
101 10.5 8.4 12.6  
100 8.8 7.0 10.6



#81  
Butylbenzylphthalate  
Concen: 16.753 ng/ul  
RT: 20.36 min Scan# 2987  
Delta R.T. 0.00 min  
Lab File: BN010217.D  
Acq: 14 Mar 2020 11:50

Tgt Ion:149 Resp: 843918  
Ion Ratio Lower Upper  
149 100  
91 72.9 58.3 87.5  
206 23.0 18.4 27.6





#82

3,3'-Dichlorobenzidine

Concen: 19.144 ng/ul

RT: 21.12 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

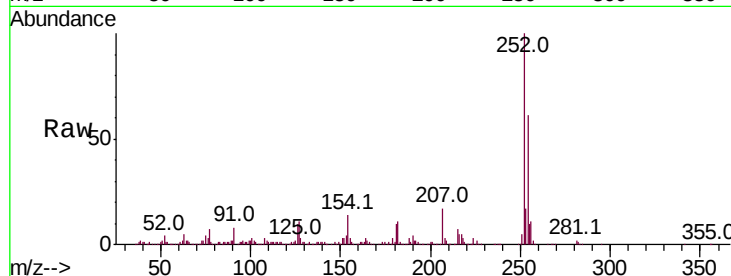
Tot Ion:252 Resp: 709467

Ion Ratio Lower Upper

252 100

254 61.1 48.9 73.3

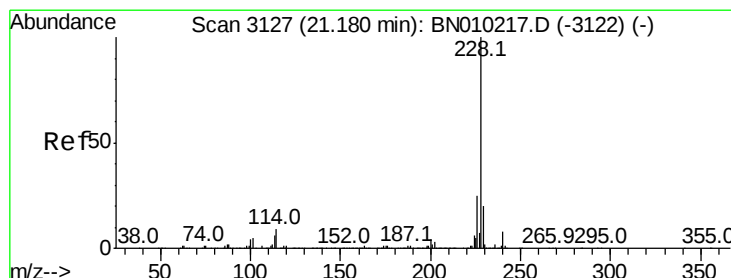
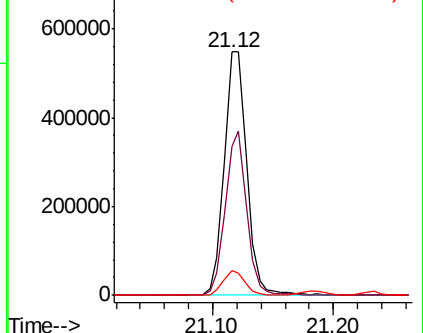
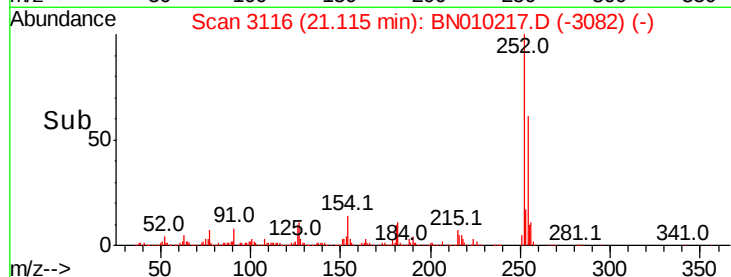
126 10.2 8.2 12.2



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: 22.429 ng/ul

RT: 21.18 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

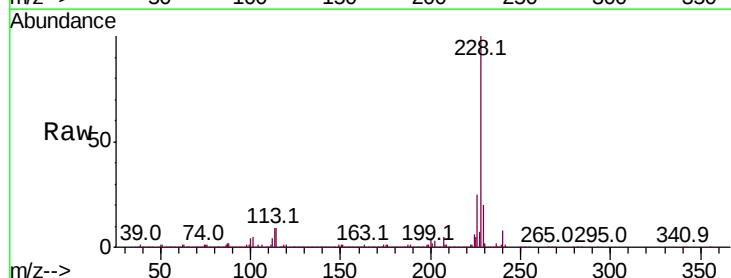
Tgt Ion:228 Resp: 2619812

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

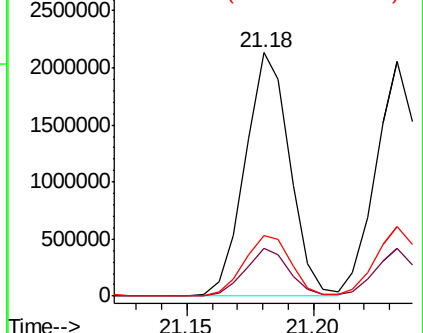
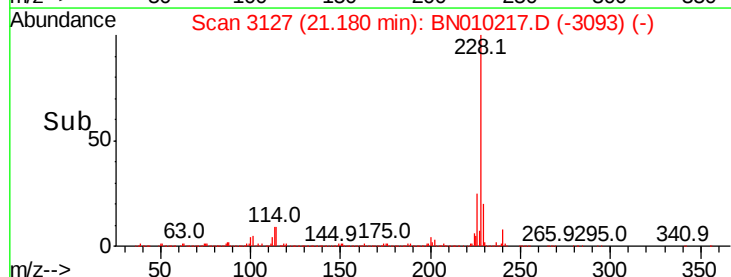
226 24.9 19.9 29.9

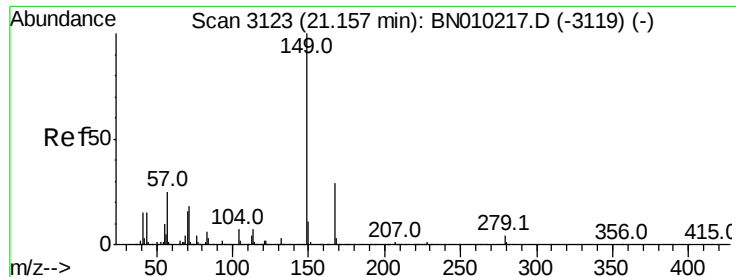


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.172 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

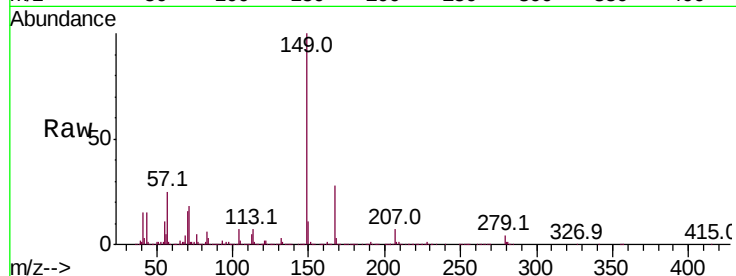
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:149 Resp: 1397564

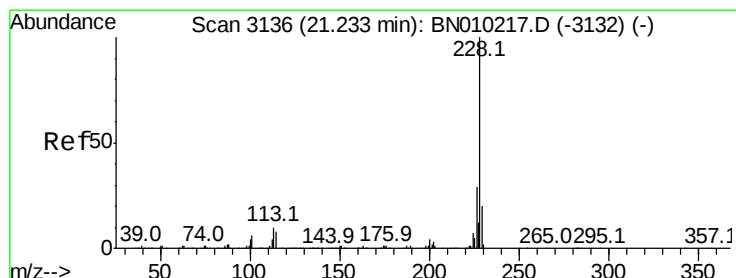
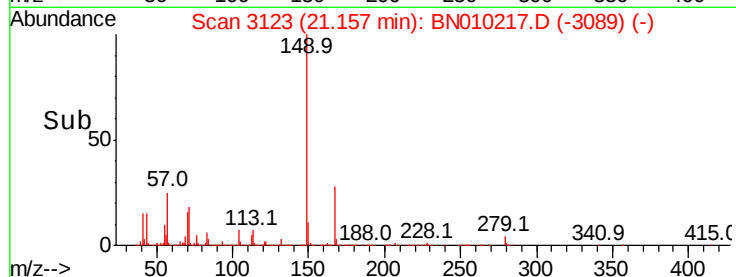
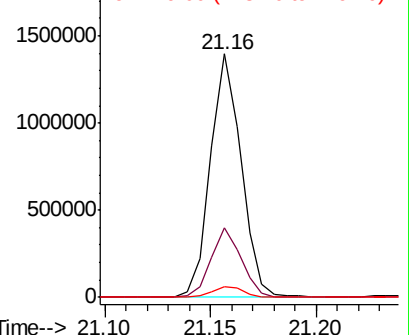
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 22.7  | 34.1  |
| 279 | 4.1   | 3.3   | 4.9   |



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: 21.292 ng/ul

RT: 21.23 min Scan# 3136

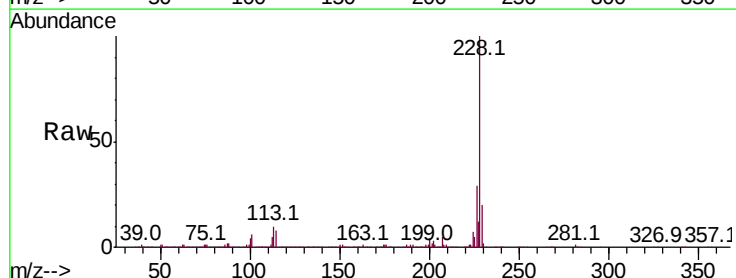
Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Tgt Ion:228 Resp: 2448465

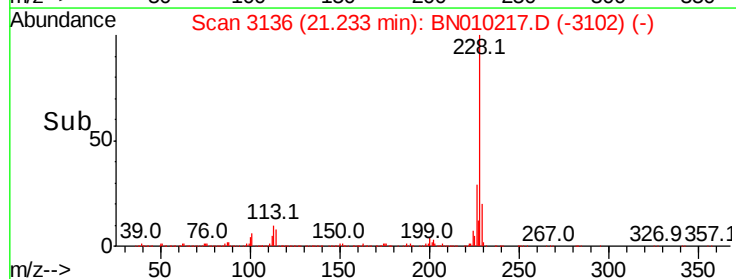
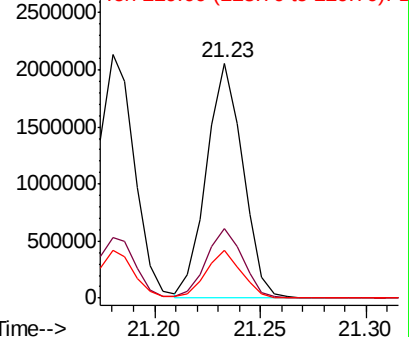
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.3  | 23.4  | 35.2  |
| 229 | 20.0  | 16.0  | 24.0  |

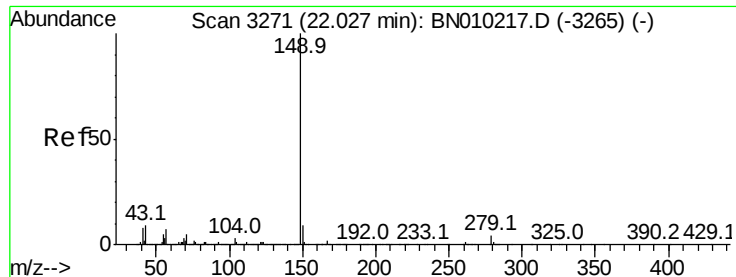


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 15.682 ng/ul

RT: 22.03 min Scan# 3271

Delta R.T. 0.00 min

Lab File: BN010217.D

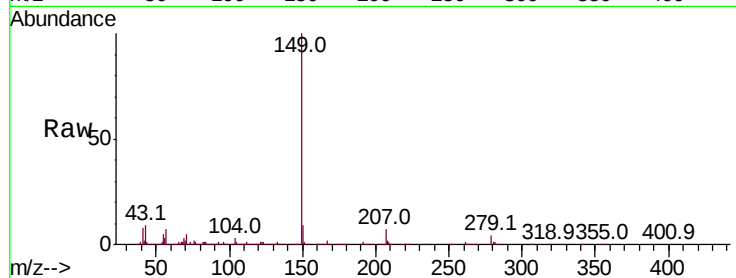
Acq: 14 Mar 2020 11:50

Instrument :

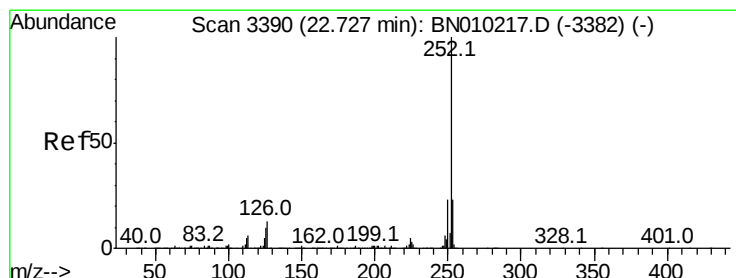
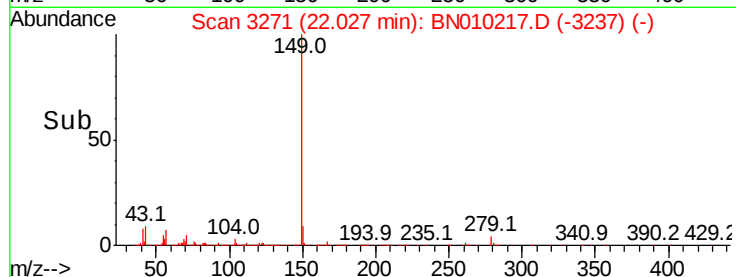
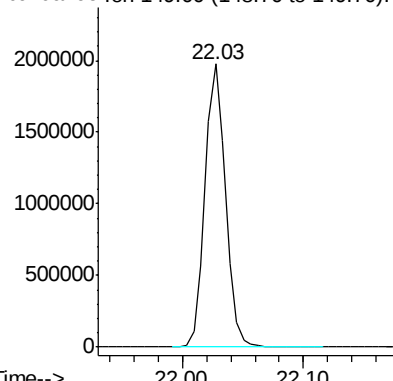
BNA\_N

ClientSampleId :

Tgt Ion:149 Resp: 2308323



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 20.081 ng/ul

RT: 22.73 min Scan# 3390

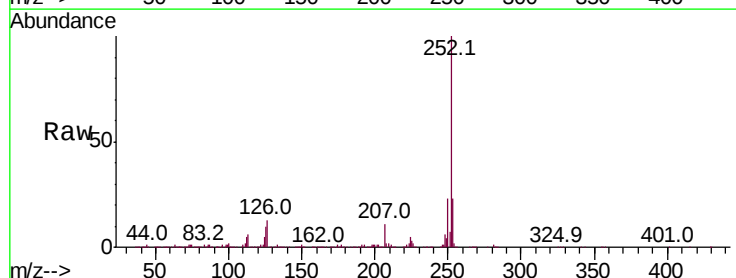
Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Tgt Ion:252 Resp: 2531966

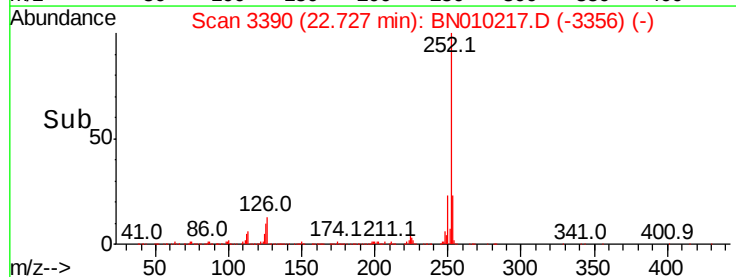
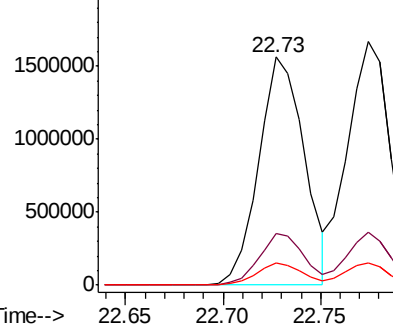
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 18.1  | 27.1  |
| 125 | 9.8   | 7.8   | 11.8  |

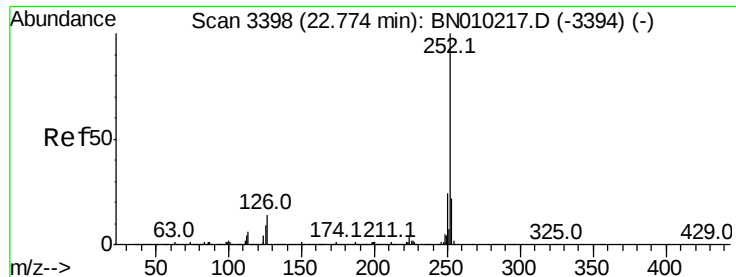


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 21.538 ng/ul

RT: 22.77 min Scan# 3398

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

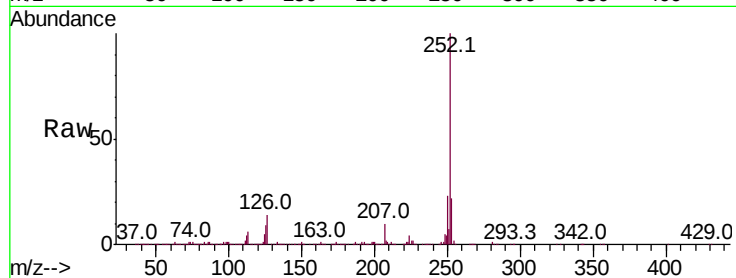
Tot Ion:252 Resp: 2571425

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

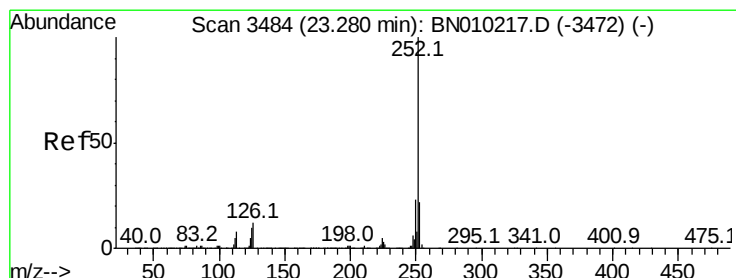
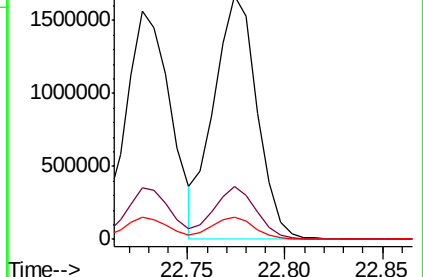
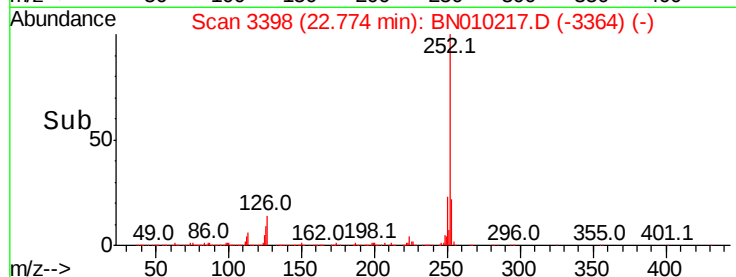
125 9.1 7.3 10.9



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



#91

Benzo(a)pyrene

Concen: 21.127 ng/ul

RT: 23.28 min Scan# 3484

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

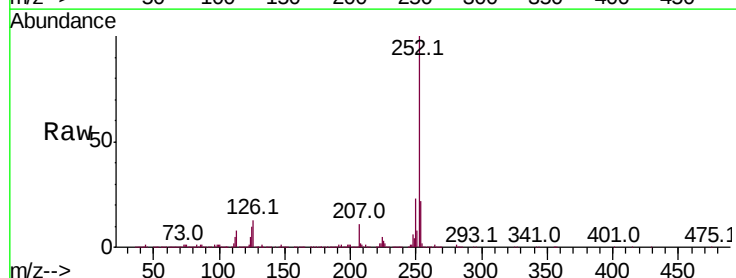
Tgt Ion:252 Resp: 2395893

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

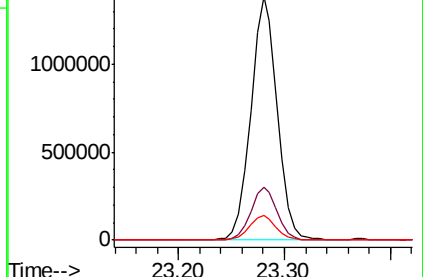
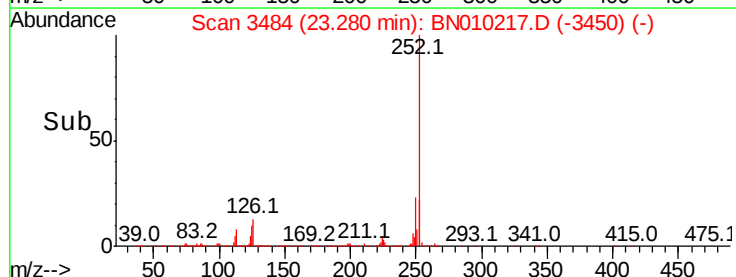
125 10.0 8.0 12.0

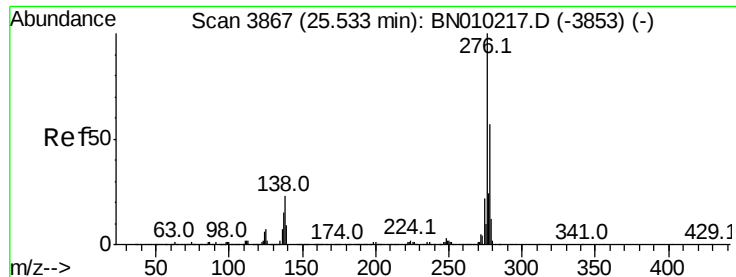


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 21.610 ng/ul

RT: 25.53 min Scan# 3867

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

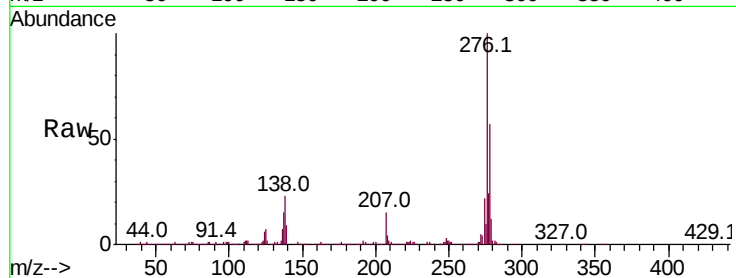
Tot Ion:276 Resp: 2909694

Ion Ratio Lower Upper

276 100

138 22.7 18.2 27.2

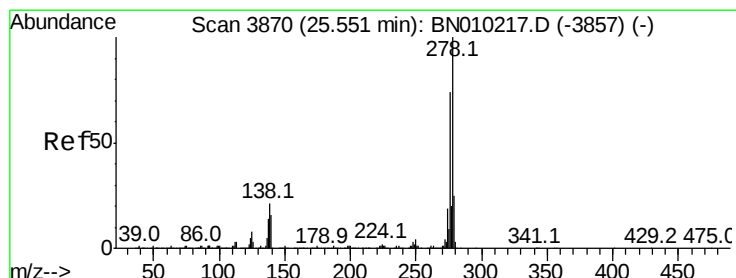
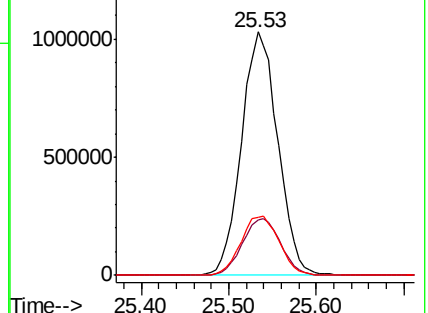
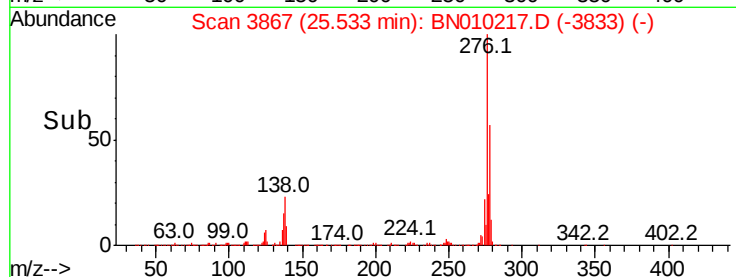
277 23.7 19.0 28.4



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



#93

Dibenzo(a,h)anthracene

Concen: 20.868 ng/ul

RT: 25.55 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

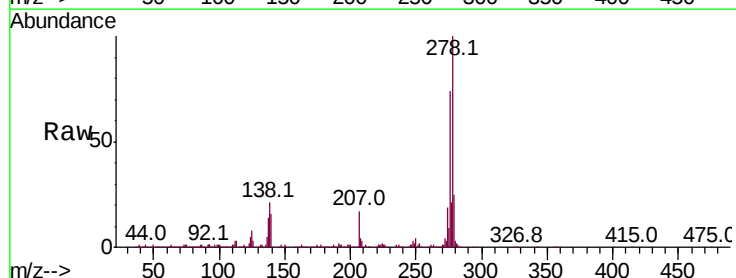
Tgt Ion:278 Resp: 2403615

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

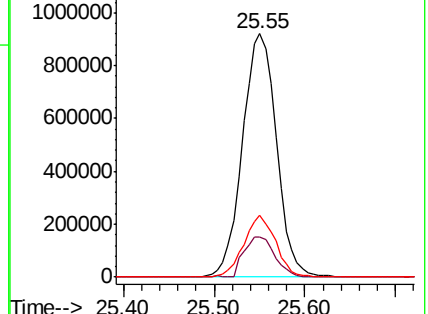
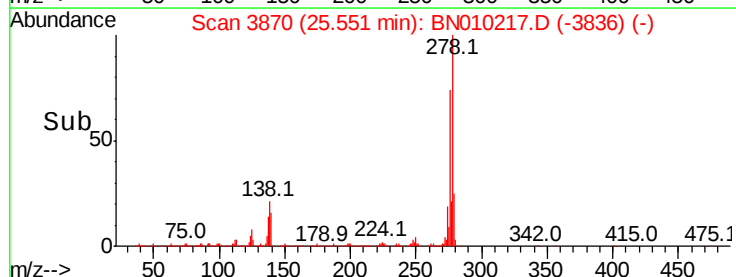
279 25.4 20.3 30.5

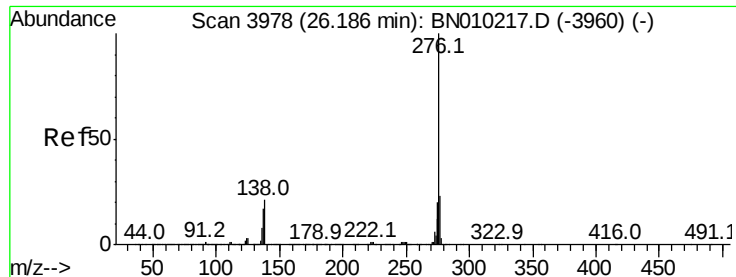


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 21.335 ng/ul

RT: 26.19 min Scan# 3978

Delta R.T. 0.00 min

Lab File: BN010217.D

Acq: 14 Mar 2020 11:50

Instrument :

BNA\_N

ClientSampleId :

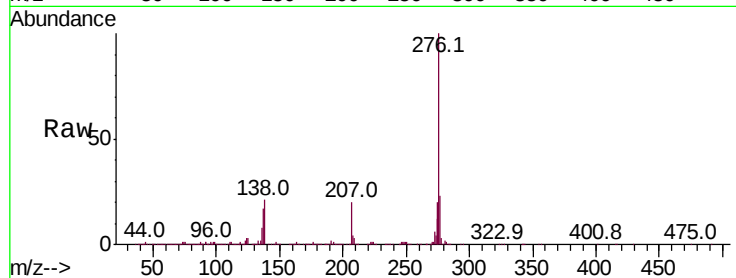
Tot Ion:276 Resp: 2408641

Ion Ratio Lower Upper

276 100

138 20.6 16.5 24.7

277 22.8 18.2 27.4



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

