

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN060319\  
 Data File : BN006035.D  
 Acq On : 03 Jun 2019 11:23  
 Operator : JU/SJ  
 Sample : SSTD01089  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD01089

Quant Time: Jun 03 14:04:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 13:55:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 425968   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 1886170  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 1081081  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 2266097  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.35 | 240  | 1578127  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.64 | 264  | 1637595  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 36062   | 3.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 342488  | 9.07  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 200250  | 9.30  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 271036  | 9.42  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 271726  | 8.92  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 133003  | 10.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 145482  | 12.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.14 | 165 | 271612  | 10.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 317622  | 9.10  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 767520  | 9.63  | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 1002393 | 10.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 127875  | 8.82  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.38 | 176 | 658395  | 9.85  | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 88568   | 9.59  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 972087  | 10.08 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 898854  | 11.28 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.49 | 264 | 723604  | 9.90  | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Qvalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 37391  | 3.647  | ng/uL 92  |
| 4) Benzaldehyde                | 6.87  | 77  | 235830 | 9.048  | ng/ul 99  |
| 6) Phenol                      | 6.92  | 94  | 352188 | 9.053  | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.15  | 93  | 279994 | 9.321  | ng/ul 98  |
| 10) 2-Chlorophenol             | 7.29  | 128 | 278829 | 9.537  | ng/ul 99  |
| 11) 2-Methylphenol             | 8.17  | 108 | 266891 | 8.904  | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 373299 | 9.331  | ng/ul 99  |
| 14) Acetophenone               | 8.54  | 105 | 428138 | 9.316  | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.52  | 70  | 219263 | 8.917  | ng/ul 99  |
| 16) 4-Methylphenol             | 8.49  | 108 | 294049 | 8.936  | ng/ul 97  |
| 17) Hexachloroethane           | 8.79  | 117 | 99094  | 8.499  | ng/ul 98  |
| 20) Nitrobenzene               | 8.92  | 77  | 314590 | 10.180 | ng/ul 98  |
| 21) Isophorone                 | 9.44  | 82  | 599456 | 8.911  | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.63  | 139 | 152486 | 11.555 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.69  | 107 | 319031 | 9.649  | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.93  | 93  | 383887 | 9.375  | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.17 | 162 | 265424 | 10.071 | ng/ul 97  |
| 28) Naphthalene                | 10.57 | 128 | 900112 | 10.055 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.68 | 127 | 320985 | 9.167  | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 157764 | 10.772 | ng/ul 99  |
| 32) Caprolactam                | 11.42 | 113 | 91350  | 8.685  | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 11.81 | 107 | 302110 | 9.507  | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.18 | 142 | 646545 | 9.805  | ng/ul 99  |

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 Sample : SSTD01089  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

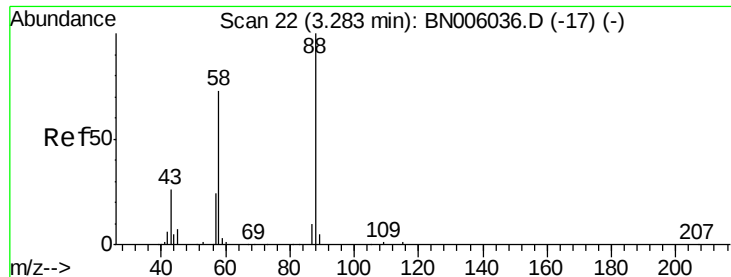
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD01089

Quant Time: Jun 03 14:04:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 13:55:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216  | 322363   | 11.165 | ng/ul  | 100      |
| 37) Hexachlorocyclopentadiene  | 12.54 | 237  | 68077    | 4.050  | ng/ul  | 96       |
| 38) 2,4,6-Trichlorophenol      | 12.80 | 196  | 204344   | 10.756 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.87 | 196  | 217678   | 10.480 | ng/ul  | 100      |
| 40) 1,1'-Biphenyl              | 13.21 | 154  | 832988   | 10.389 | ng/ul  | 100      |
| 41) 2-Chloronaphthalene        | 13.25 | 162  | 640170   | 10.541 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.45 | 65   | 186585   | 11.615 | ng/ul  | 96       |
| 44) Dimethylphthalate          | 13.84 | 163  | 763300   | 9.582  | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.96 | 165  | 153236   | 11.160 | ng/ul  | 96       |
| 47) Acenaphthylene             | 14.10 | 152  | 992228   | 10.149 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.29 | 138  | 156864   | 10.523 | ng/ul  | 96       |
| 49) Acenaphthene               | 14.45 | 153  | 668445   | 10.065 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.51 | 184  | 45757    | 7.488  | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.60 | 109  | 99125    | 8.719  | ng/ul  | 98       |
| 53) Dibenzofuran               | 14.78 | 168  | 952396   | 10.158 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.75 | 165  | 215939   | 10.550 | ng/ul  | 98       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.01 | 232  | 175706   | 10.292 | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.21 | 149  | 757595   | 9.137  | ng/ul  | 98       |
| 58) Fluorene                   | 15.44 | 166  | 752159   | 10.215 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.43 | 204  | 367640   | 10.477 | ng/ul  | 99       |
| 60) 4-Nitroaniline             | 15.45 | 138  | 173898   | 9.633  | ng/ul  | 98       |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 94818    | 9.334  | ng/ul# | 99       |
| 64) N-Nitrosodiphenylamine     | 15.64 | 169  | 652508   | 10.328 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.32 | 248  | 224679   | 10.676 | ng/ul  | 99       |
| 66) Hexachlorobenzene          | 16.44 | 284  | 241417   | 10.676 | ng/ul  | 99       |
| 67) Atrazine                   | 16.60 | 200  | 222157   | 9.940  | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.79 | 266  | 109937   | 8.264  | ng/ul  | 97       |
| 69) Phenanthrene               | 17.18 | 178  | 1119748  | 9.973  | ng/ul  | 100      |
| 71) Anthracene                 | 17.27 | 178  | 1151120  | 10.099 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216  | 331055   | 11.772 | ng/uL  | 98       |
| 73) Pentachlorobenzene         | 14.70 | 250  | 295927   | 11.362 | ng/uL  | 100      |
| 74) Carbazole                  | 17.54 | 167  | 1026430  | 9.996  | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.11 | 149  | 1237822  | 9.223  | ng/ul  | 99       |
| 76) Fluoranthene               | 19.21 | 202  | 1151130  | 9.604  | ng/ul  | 99       |
| 79) Pyrene                     | 19.57 | 202  | 1158864  | 11.592 | ng/ul  | 100      |
| 80) Butylbenzylphthalate       | 20.48 | 149  | 505349   | 11.249 | ng/ul  | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 347852   | 11.099 | ng/ul  | 98       |
| 82) Benzo(a)anthracene         | 21.34 | 228  | 980078   | 9.879  | ng/ul  | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 717810   | 11.023 | ng/ul  | 97       |
| 84) Chrysene                   | 21.39 | 228  | 939567   | 10.155 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.16 | 149  | 1177219  | 12.183 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.95 | 252  | 903755   | 9.826  | ng/ul  | 100      |
| 88) Benzo(k)fluoranthene       | 22.99 | 252  | 886966   | 10.488 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 858012   | 9.892  | ng/ul  | 100      |
| 91) Indeno(1,2,3-cd)pyrene     | 25.93 | 276  | 985214   | 9.680  | ng/ul  | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.95 | 278  | 828431   | 9.776  | ng/ul  | 99       |
| 93) Benzo(g,h,i)perylene       | 26.63 | 276  | 804113   | 9.381  | ng/ul  | 99       |

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





#2

1,4-Dioxane

Concen: 3.647 ng/uL

RT: 3.28 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

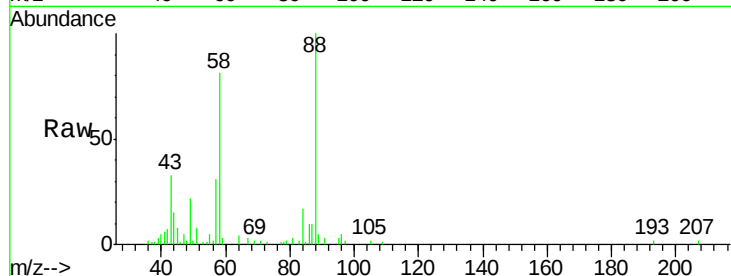
Tgt Ion: 88 Resp: 37391

Ion Ratio Lower Upper

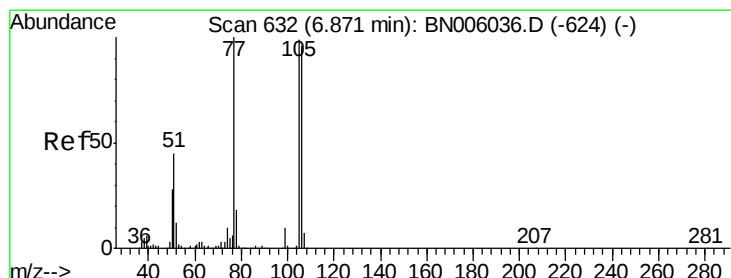
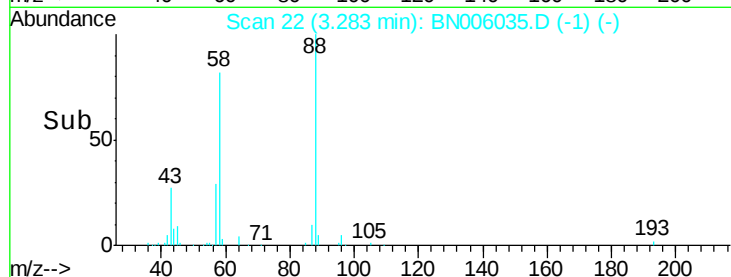
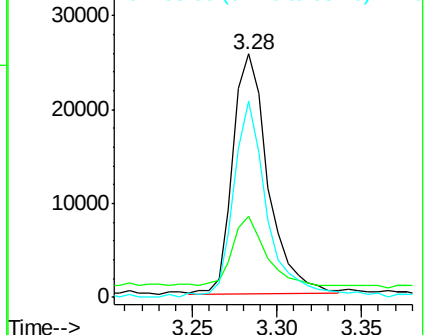
88 100

43 33.2 23.3 34.9

58 80.7 59.0 88.4



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: 9.048 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

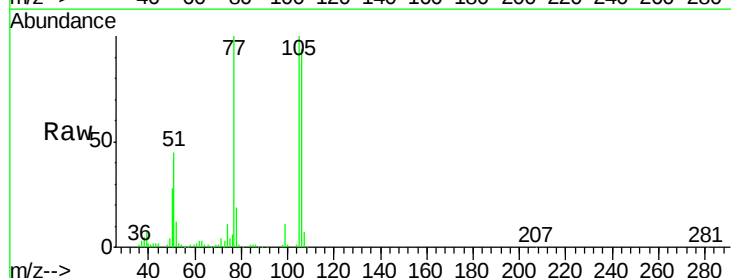
Tgt Ion: 77 Resp: 235830

Ion Ratio Lower Upper

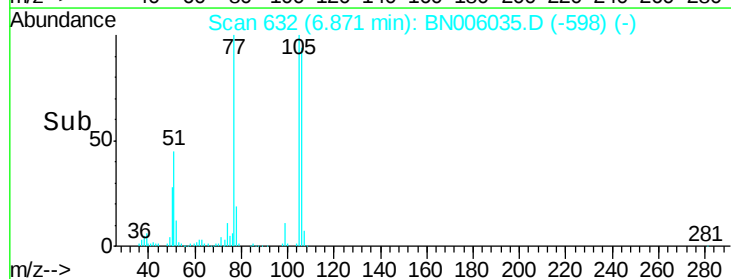
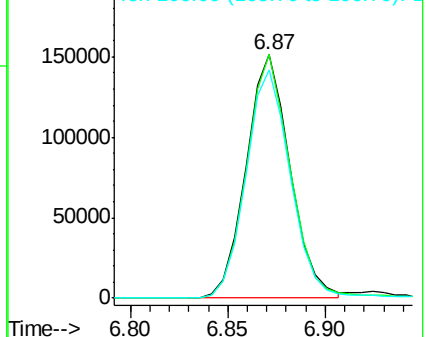
77 100

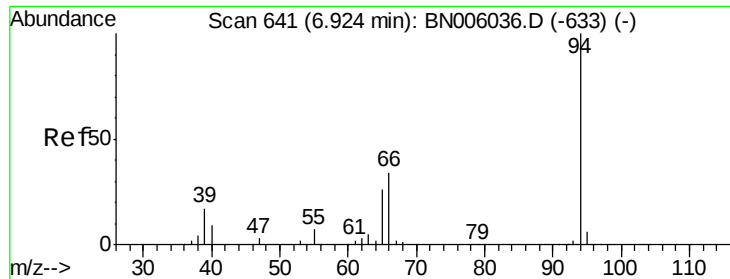
105 99.9 79.4 119.2

106 93.6 76.7 115.1



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): BN0  
Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 9.053 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

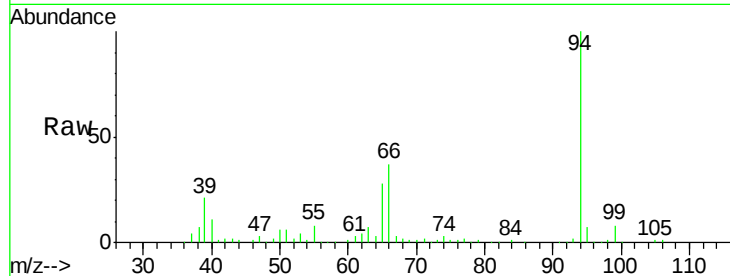
Tgt Ion: 94 Resp: 352188

Ion Ratio Lower Upper

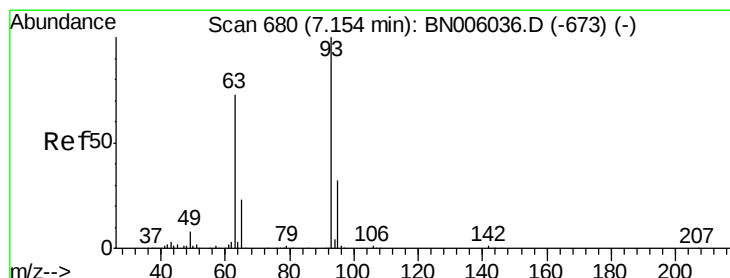
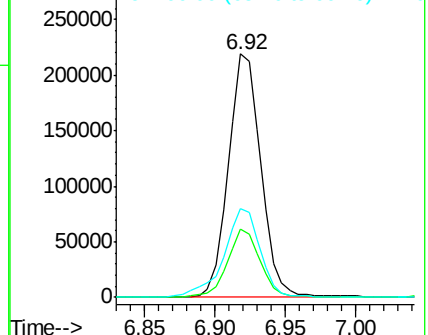
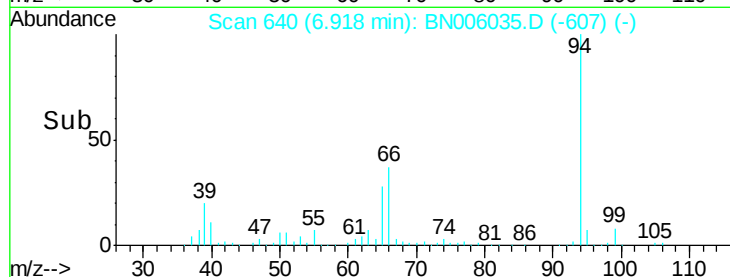
94 100

65 27.8 21.1 31.7

66 36.7 28.2 42.2



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: 9.321 ng/ul

RT: 7.15 min Scan# 680

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

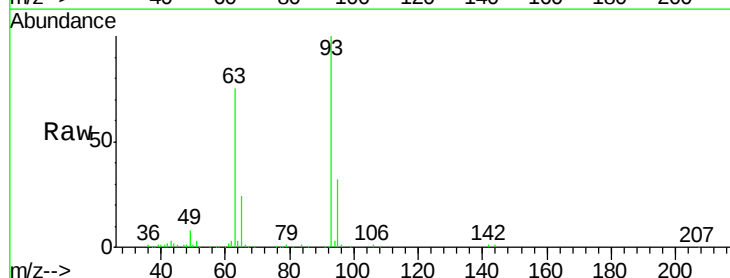
Tgt Ion: 93 Resp: 279994

Ion Ratio Lower Upper

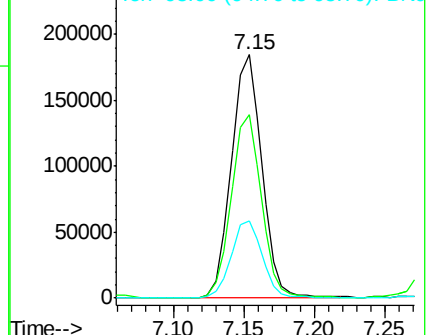
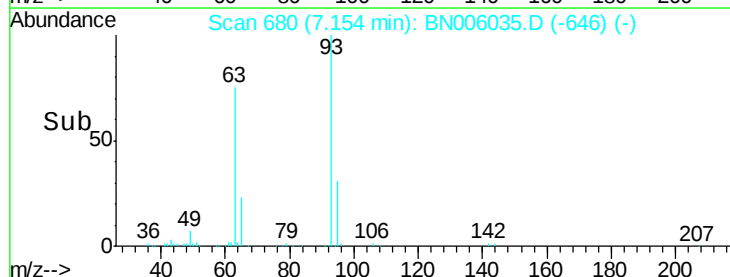
93 100

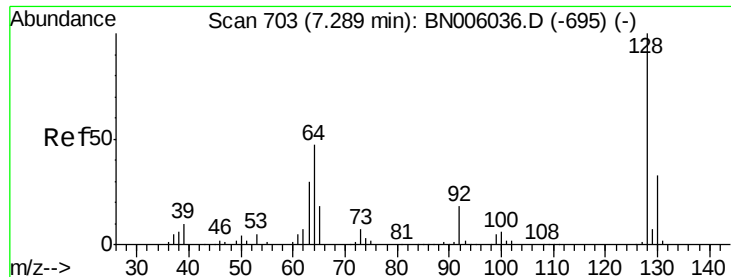
63 75.3 58.5 87.7

95 31.7 25.7 38.5



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

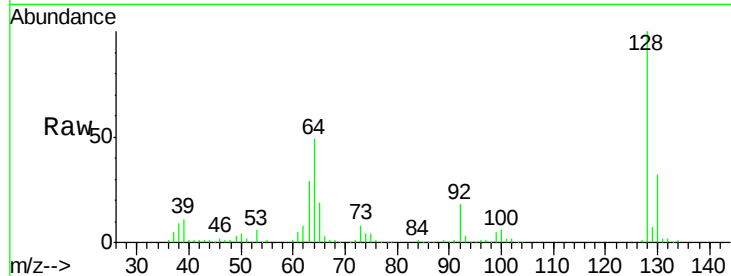




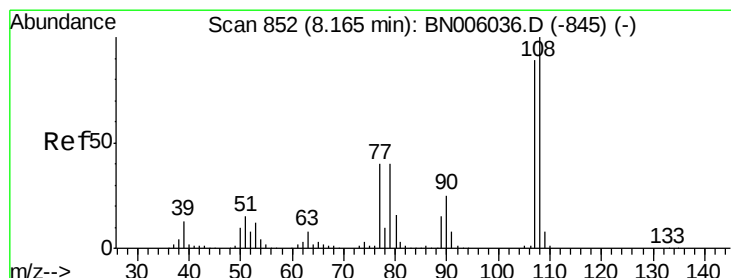
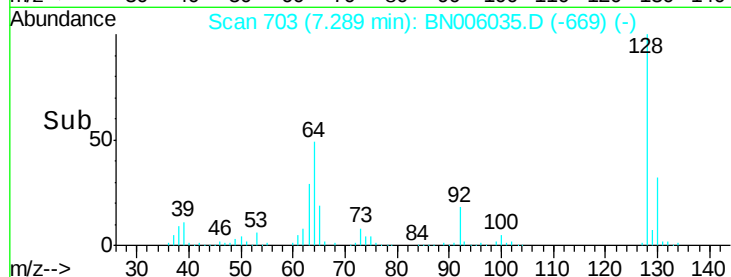
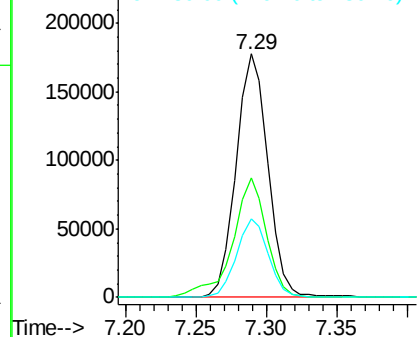
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2-Chlorophenol  
Concen: 9.537 ng/ul  
RT: 7.29 min Scan# 703  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

Tgt Ion:128 Resp: 278829  
Ion Ratio Lower Upper  
128 100  
64 49.2 38.7 58.1  
130 32.1 26.0 39.0

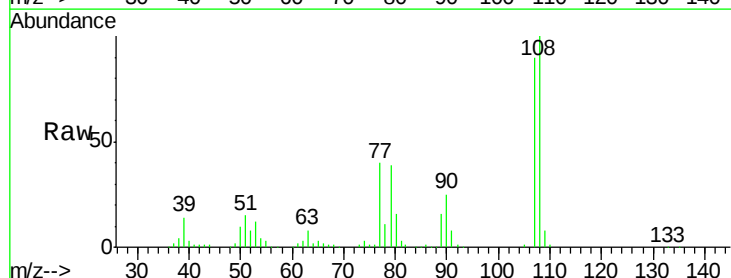


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BNA\_N  
Ion 130.00 (129.70 to 130.70): E

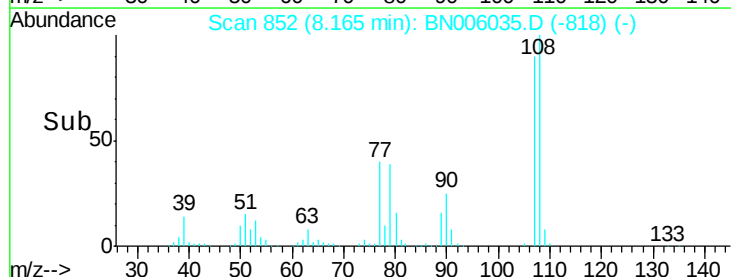
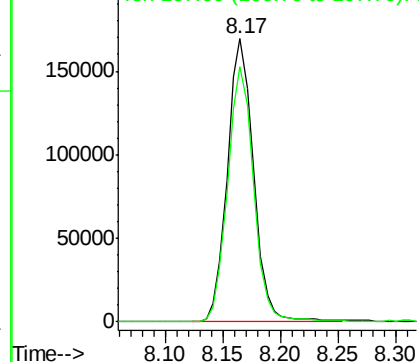


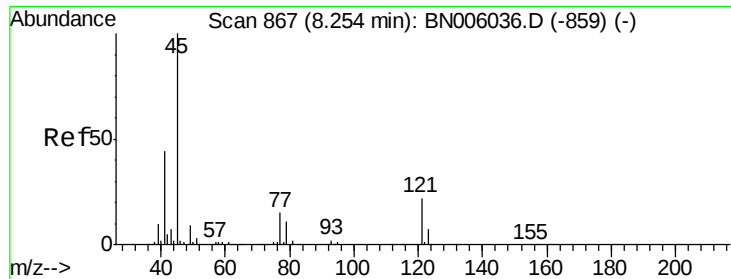
#11  
2-Methylphenol  
Concen: 8.904 ng/ul  
RT: 8.17 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:108 Resp: 266891  
Ion Ratio Lower Upper  
108 100  
107 90.2 71.5 107.3



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

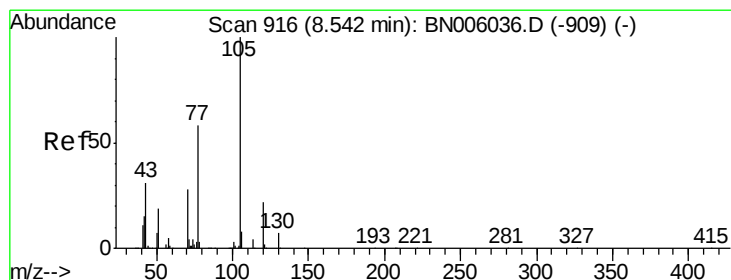
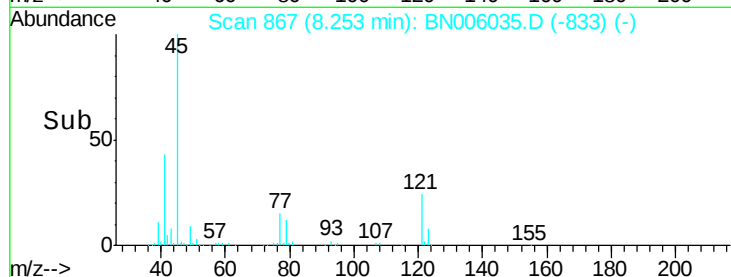
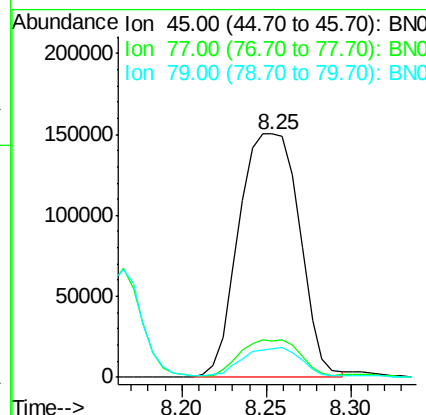
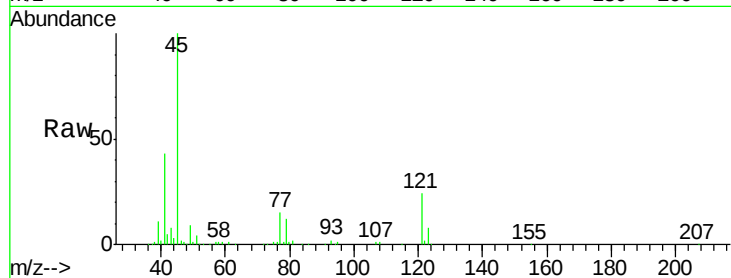




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 9.331 ng/ul  
RT: 8.25 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

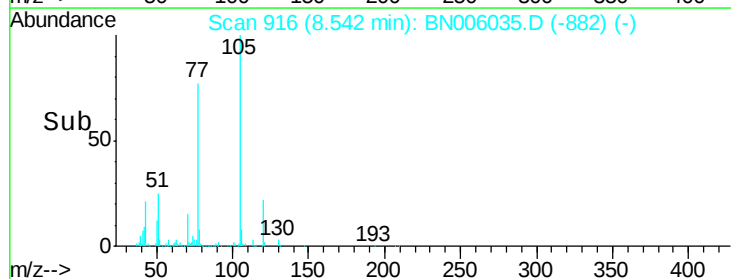
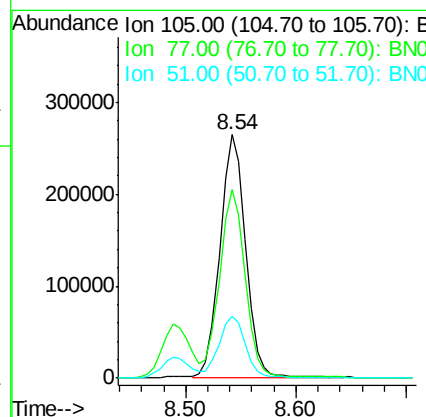
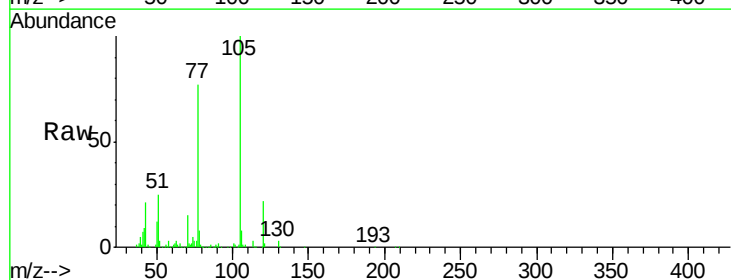
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

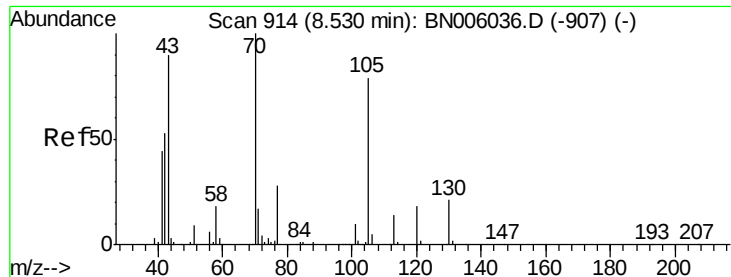
Tgt Ion: 45 Resp: 373299  
Ion Ratio Lower Upper  
45 100  
77 14.7 12.2 18.4  
79 11.9 9.3 13.9



#14  
Acetophenone  
Concen: 9.316 ng/ul  
RT: 8.54 min Scan# 916  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion: 105 Resp: 428138  
Ion Ratio Lower Upper  
105 100  
77 77.3 62.6 93.8  
51 25.2 21.2 31.8

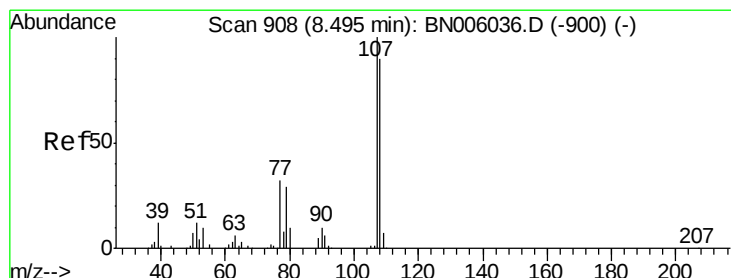
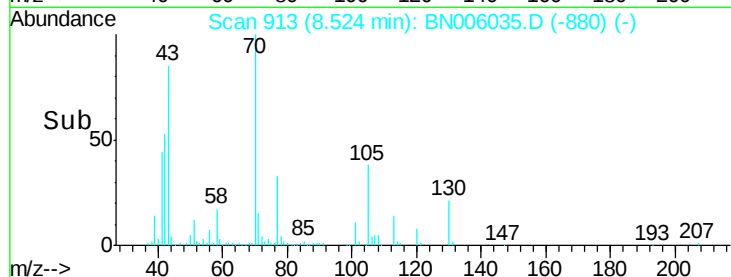
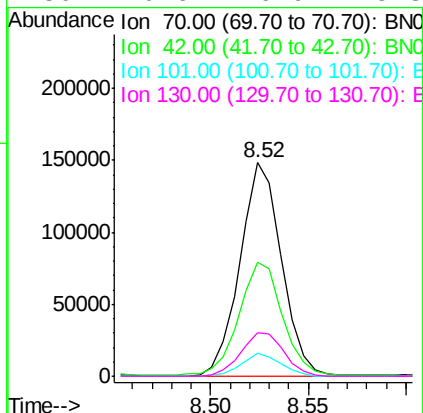
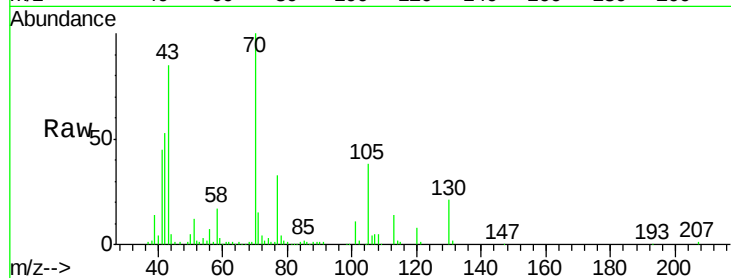




#15  
N-Nitroso-di-n-propylamine  
Concen: 8.917 ng/ul  
RT: 8.52 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

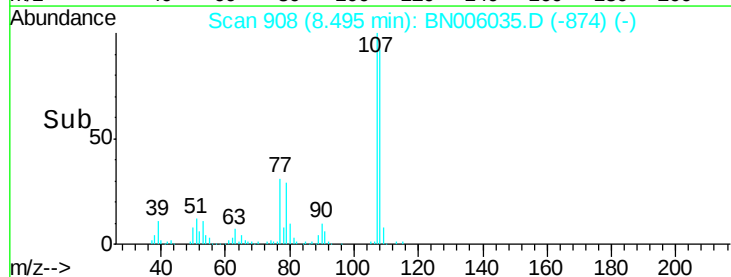
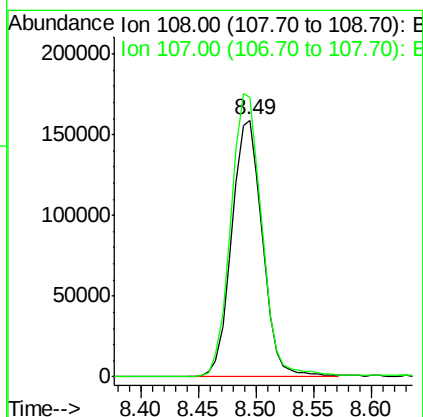
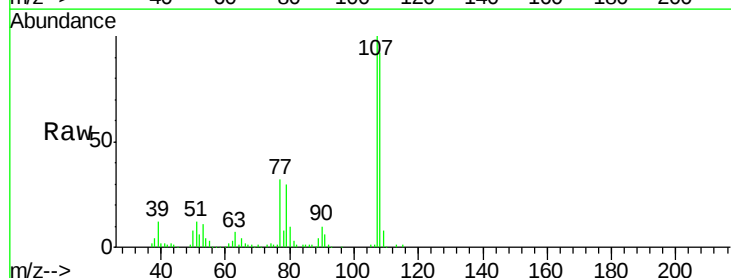
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

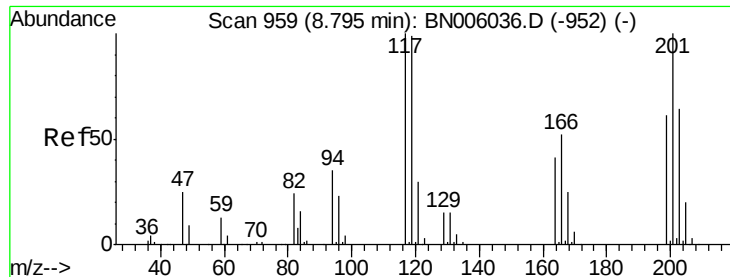
Tgt Ion: 70 Resp: 219263  
Ion Ratio Lower Upper  
70 100  
42 53.4 43.3 64.9  
101 10.6 7.8 11.8  
130 20.6 16.9 25.3



#16  
4-Methylphenol  
Concen: 8.936 ng/ul  
RT: 8.49 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion: 108 Resp: 294049  
Ion Ratio Lower Upper  
108 100  
107 108.6 89.2 133.8

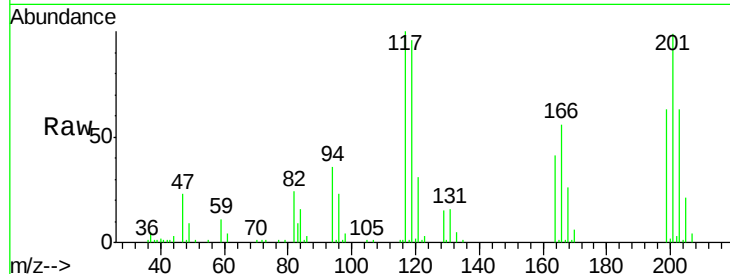




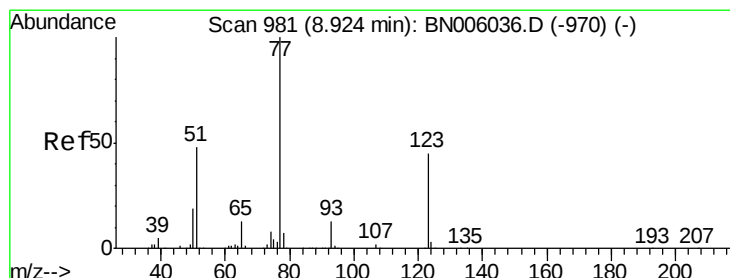
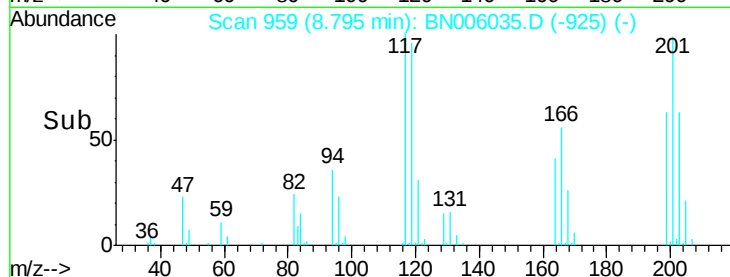
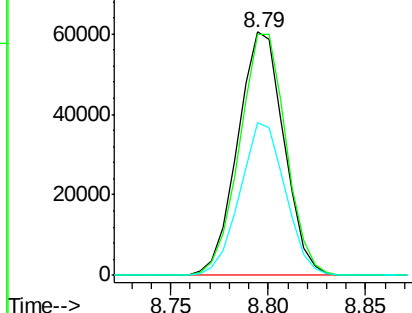
#17  
Hexachloroethane  
Concen: 8.499 ng/ul  
RT: 8.79 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

Tgt Ion:117 Resp: 99094  
Ion Ratio Lower Upper  
117 100  
201 98.9 80.0 120.0  
199 62.8 48.7 73.1

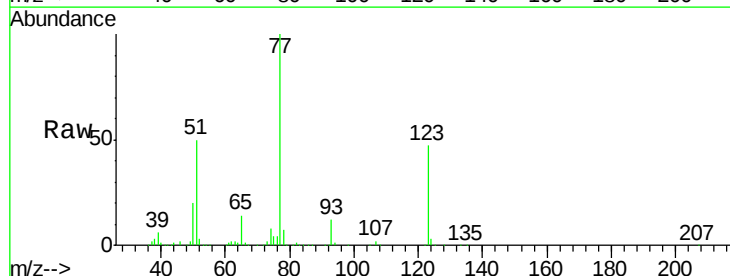


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

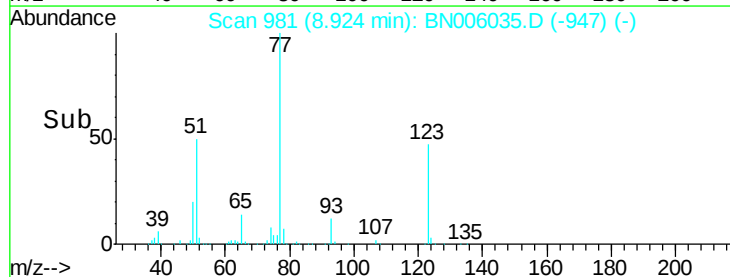
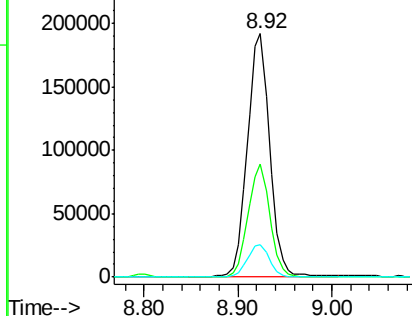


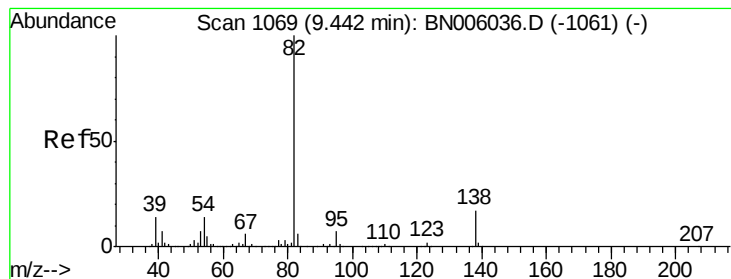
#20  
Nitrobenzene  
Concen: 10.180 ng/ul  
RT: 8.92 min Scan# 981  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion: 77 Resp: 314590  
Ion Ratio Lower Upper  
77 100  
123 46.6 35.8 53.8  
65 13.5 10.7 16.1



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: 8.911 ng/ul

RT: 9.44 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

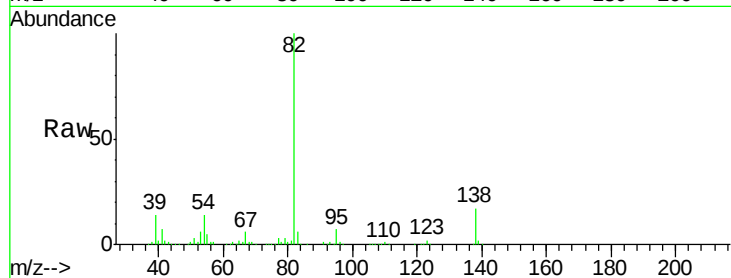
Tgt Ion: 82 Resp: 599456

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

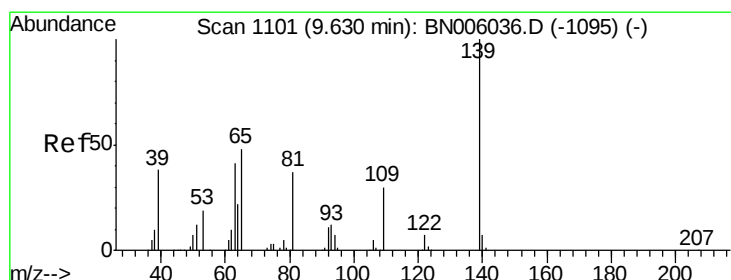
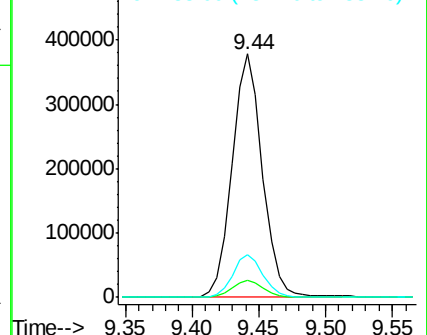
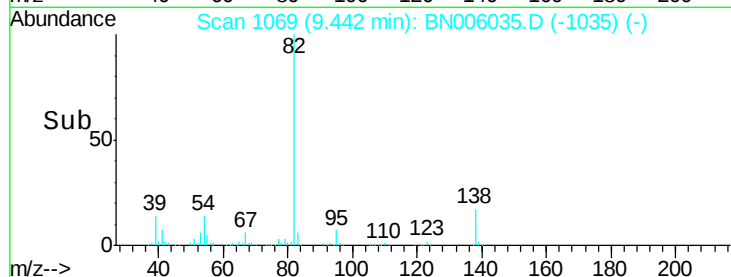
138 17.3 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BN006035.D (-1035) (-)

Ion 95.00 (94.70 to 95.70): BN006035.D (-1035) (-)

Ion 138.00 (137.70 to 138.70): BN006035.D (-1035) (-)



#23

2-Nitrophenol

Concen: 11.555 ng/ul

RT: 9.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

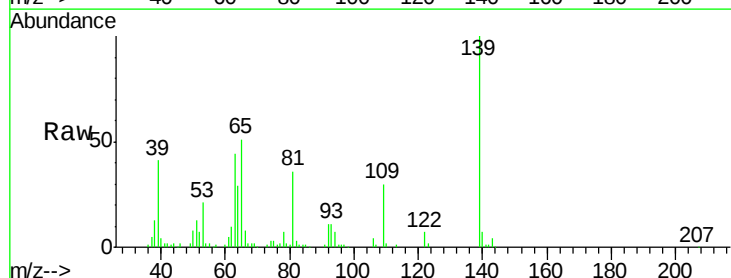
Tgt Ion: 139 Resp: 152486

Ion Ratio Lower Upper

139 100

65 51.4 40.9 61.3

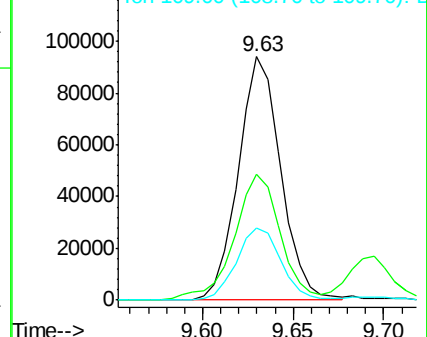
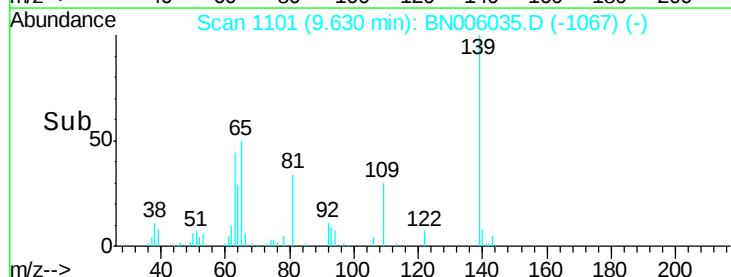
109 29.7 24.6 36.8

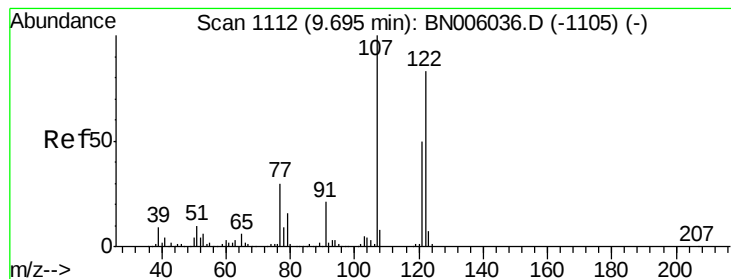


Abundance Ion 139.00 (138.70 to 139.70): BN006035.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BN006035.D (-1067) (-)

Ion 109.00 (108.70 to 109.70): BN006035.D (-1067) (-)





#24

2,4-Dimethylphenol

Concen: 9.649 ng/ul

RT: 9.69 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

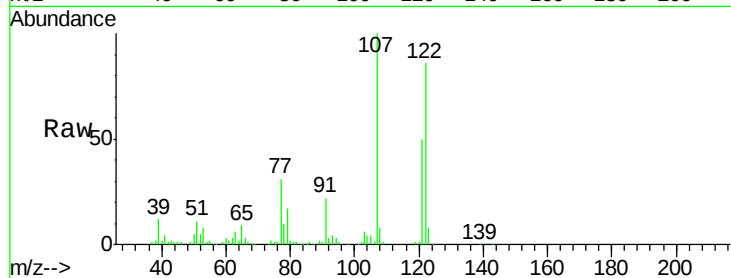
Tgt Ion: 107 Resp: 319031

Ion Ratio Lower Upper

107 100

121 50.1 40.0 60.0

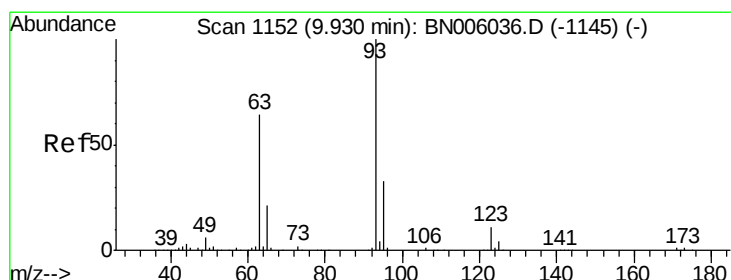
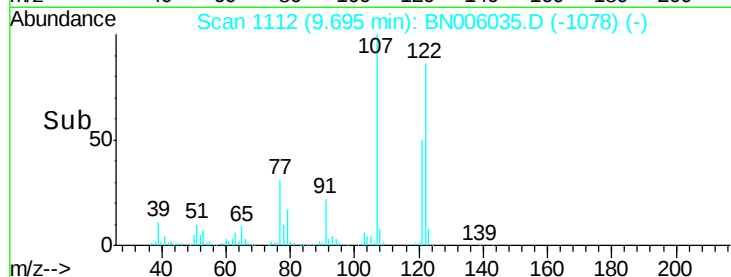
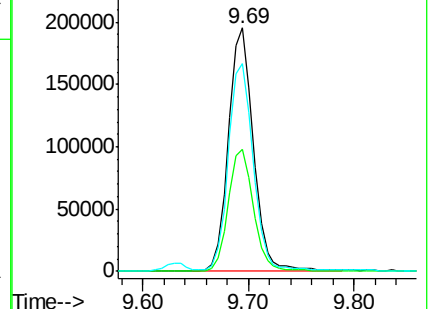
122 85.5 66.7 100.1



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: 9.375 ng/ul

RT: 9.93 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

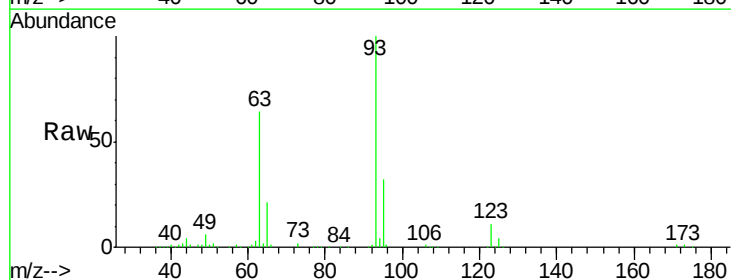
Tgt Ion: 93 Resp: 383887

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

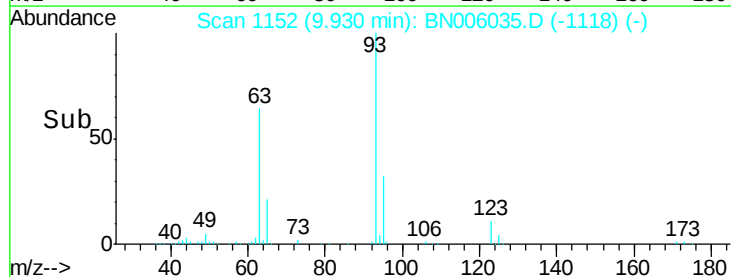
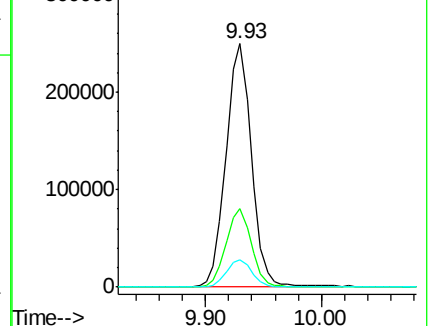
123 11.2 9.1 13.7

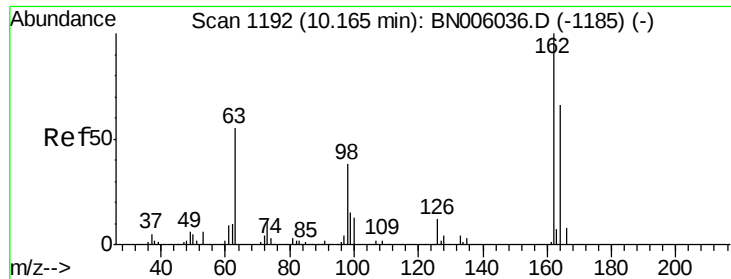


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

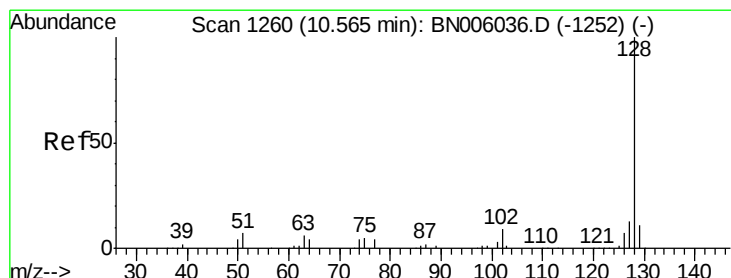
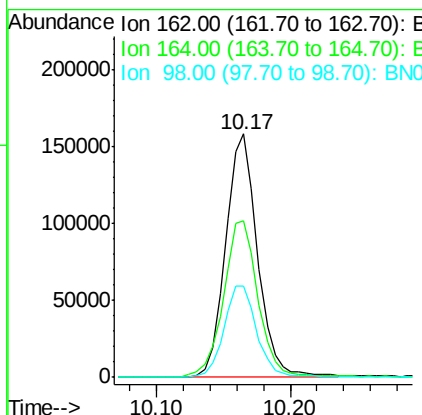
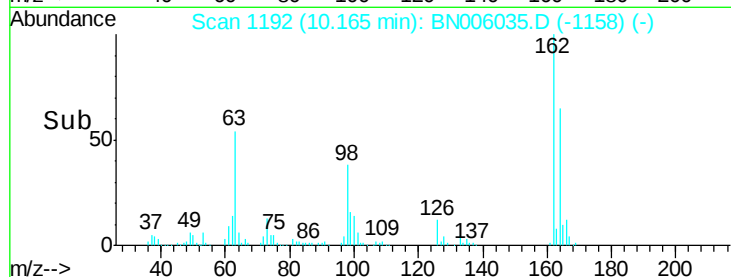
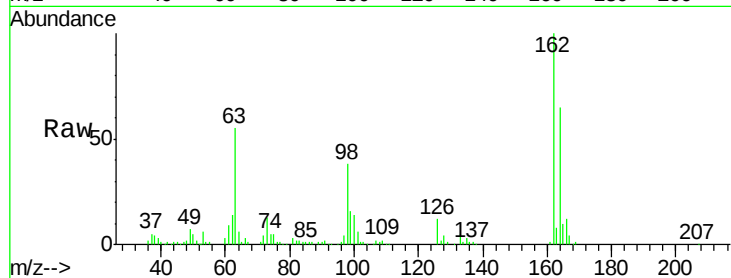




#27  
2,4-Dichlorophenol  
Concen: 10.071 ng/ul  
RT: 10.17 min Scan# 1192  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

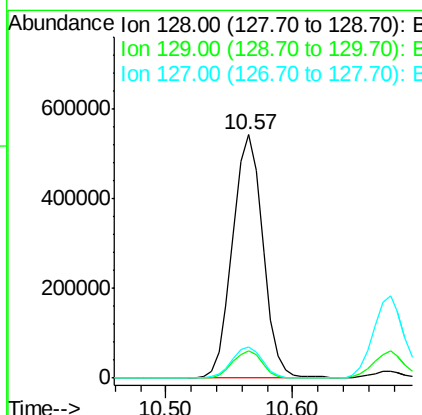
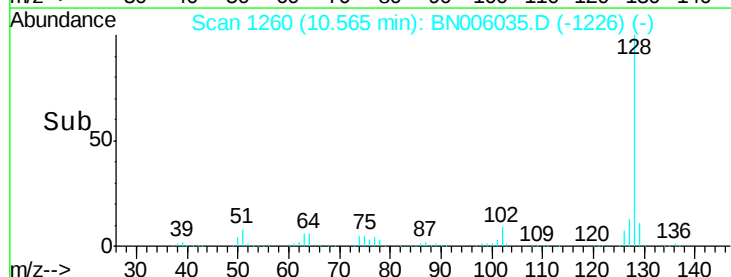
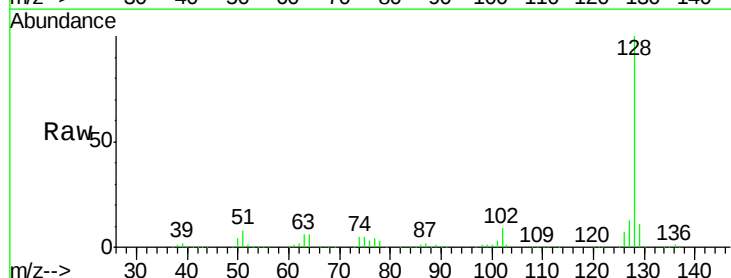
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

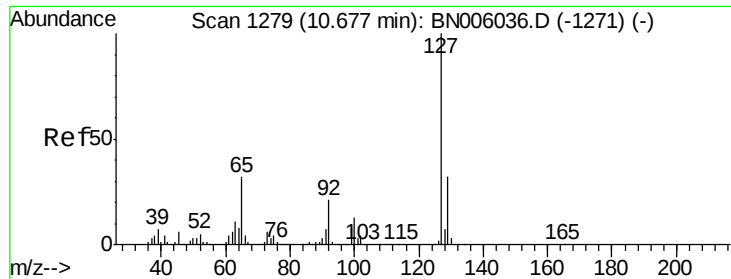
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.5  | 53.9  | 80.9  |
| 98      | 37.5  | 30.7  | 46.1  |



#28  
Naphthalene  
Concen: 10.055 ng/ul  
RT: 10.57 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 13.0  | 10.6  | 16.0  |

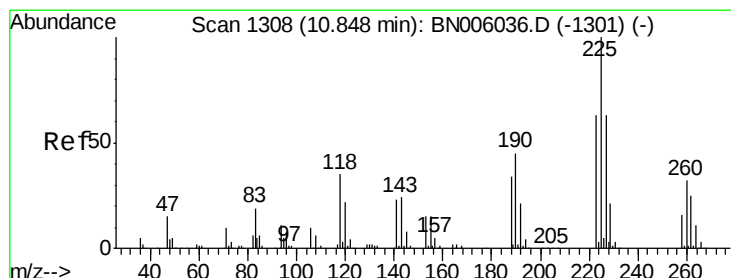
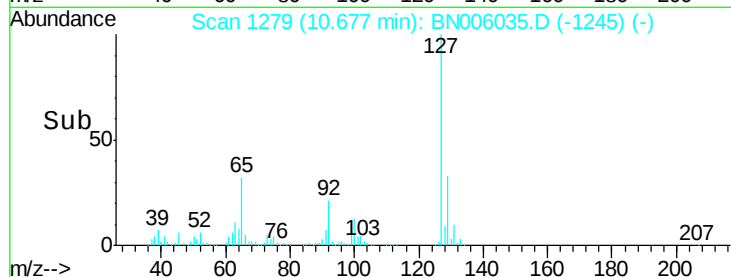
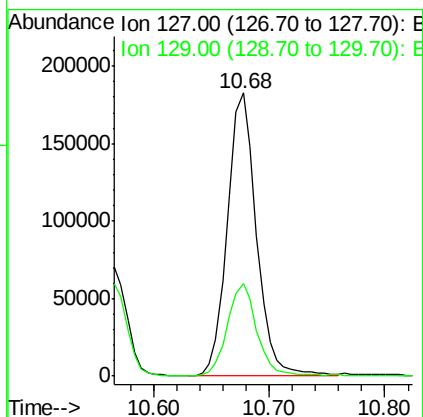
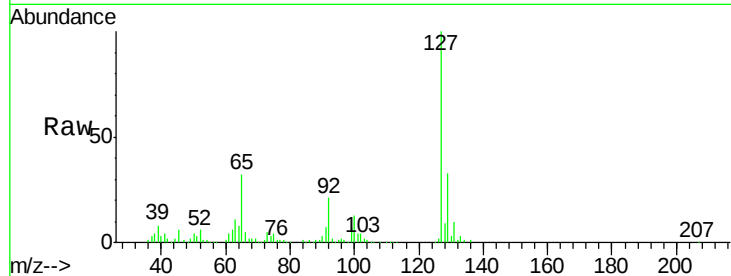




#30  
4-Chloroaniline  
Concen: 9.167 ng/ul  
RT: 10.68 min Scan# 1279  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

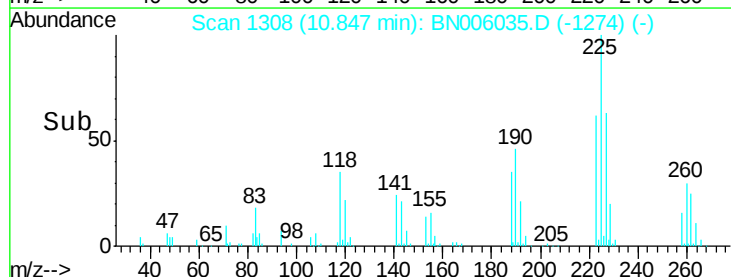
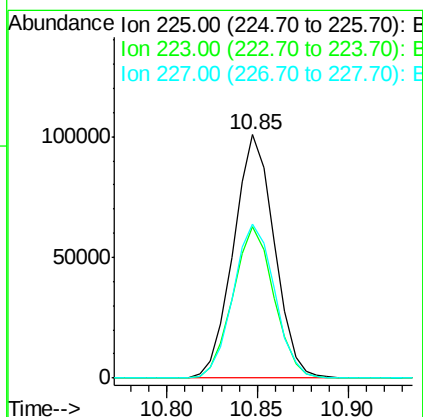
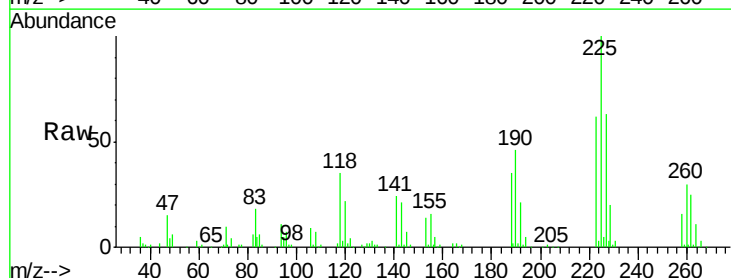
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

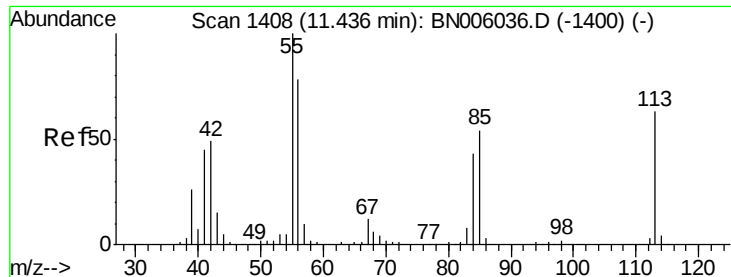
Tgt Ion:127 Resp: 320985  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.8 38.8



#31  
Hexachlorobutadiene  
Concen: 10.772 ng/ul  
RT: 10.85 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:225 Resp: 157764  
Ion Ratio Lower Upper  
225 100  
223 62.0 50.1 75.1  
227 63.3 50.0 75.0

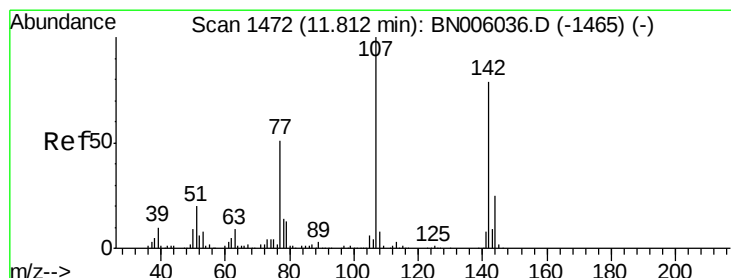
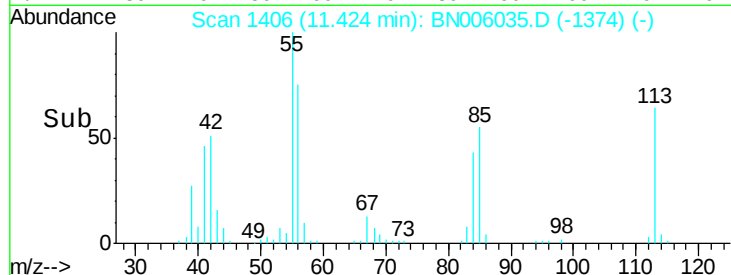
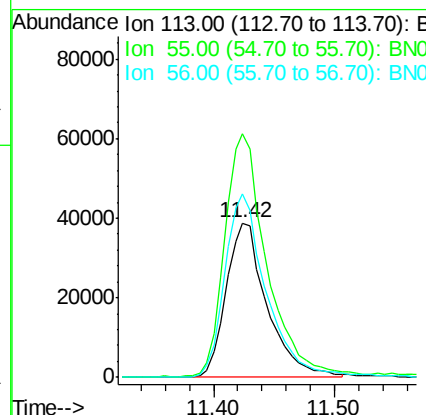
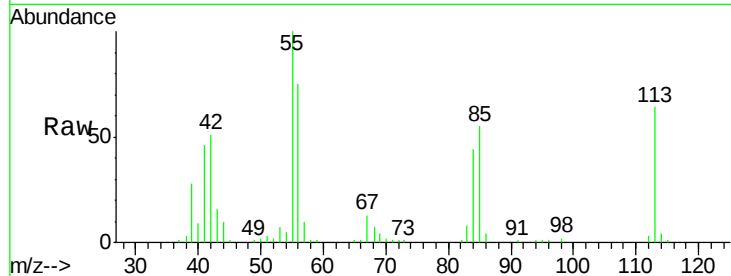




#32  
 Caprolactam  
 Concen: 8.685 ng/ul  
 RT: 11.42 min Scan# 1406  
 Delta R.T. -0.01 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

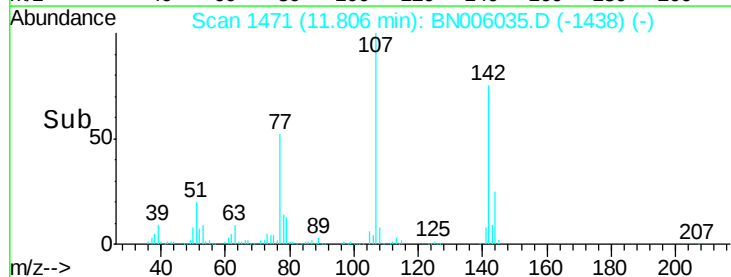
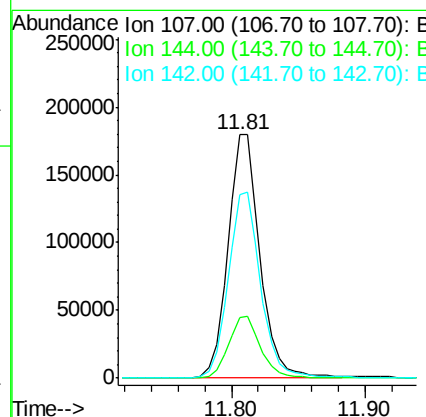
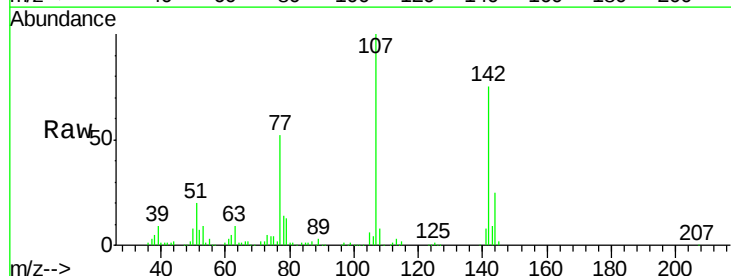
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD01089

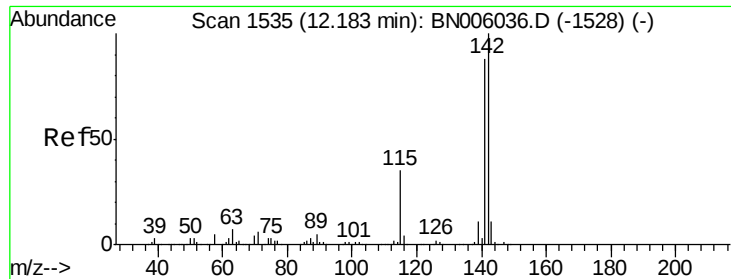
Tgt Ion:113 Resp: 91350  
 Ion Ratio Lower Upper  
 113 100  
 55 157.5 127.4 191.0  
 56 118.5 98.9 148.3



#33  
 4-Chloro-3-methylphenol  
 Concen: 9.507 ng/ul  
 RT: 11.81 min Scan# 1471  
 Delta R.T. -0.01 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

Tgt Ion:107 Resp: 302110  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 20.0 30.0  
 142 75.4 63.1 94.7





#34

2-Methylnaphthalene

Concen: 9.805 ng/ul

RT: 12.18 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

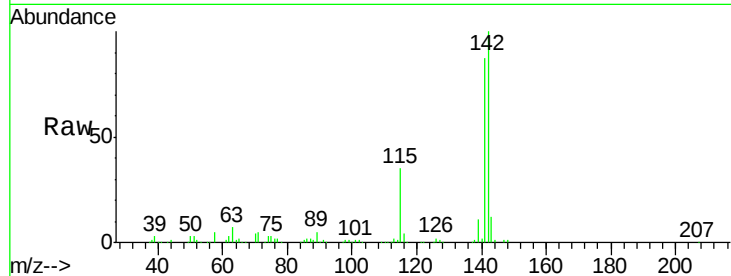
SSTD01089

Tgt Ion:142 Resp: 646545

Ion Ratio Lower Upper

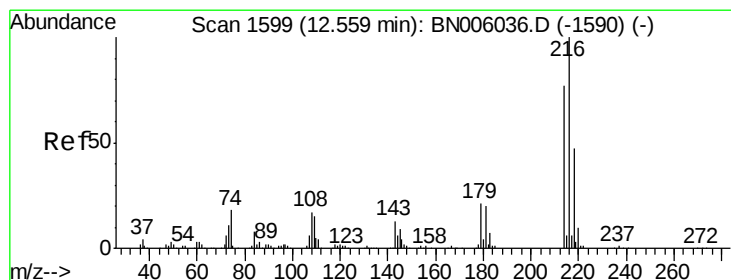
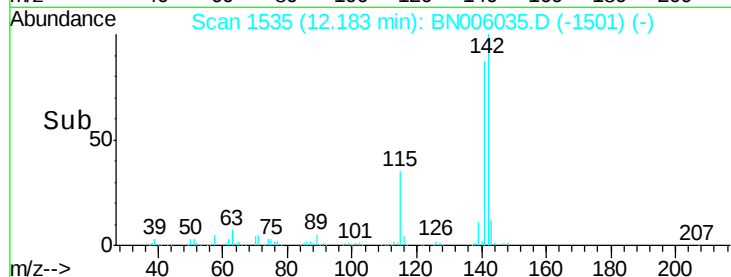
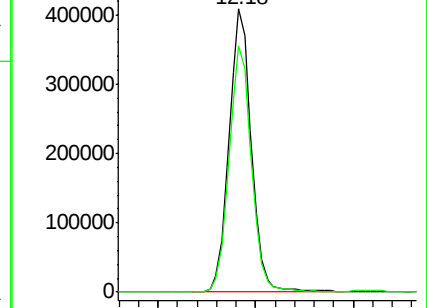
142 100

141 86.8 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 11.165 ng/ul

RT: 12.56 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Tgt Ion:216 Resp: 322363

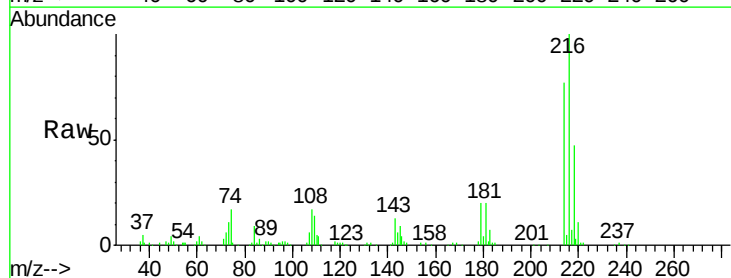
Ion Ratio Lower Upper

216 100

214 76.9 61.8 92.8

179 20.3 16.6 24.8

108 17.1 13.8 20.6

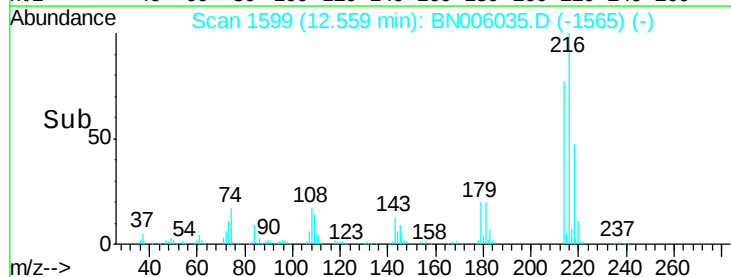
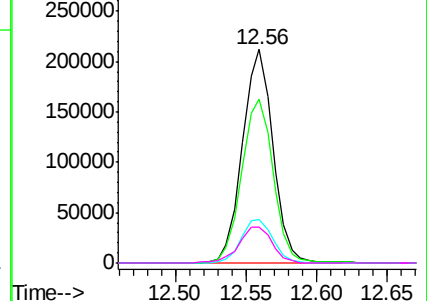


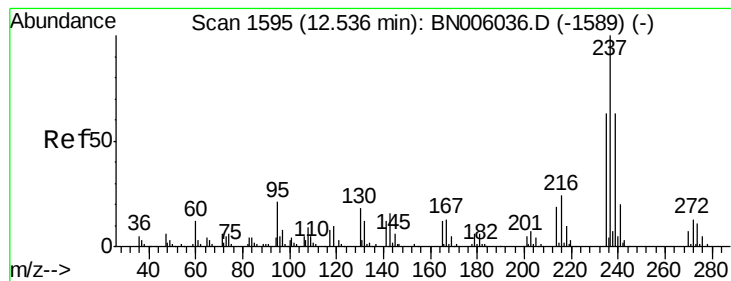
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 4.050 ng/ul

RT: 12.54 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

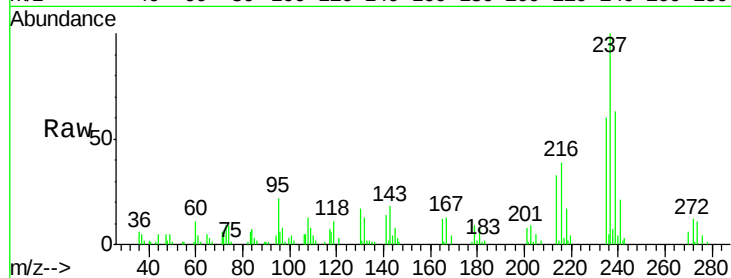
Tgt Ion:237 Resp: 68077

Ion Ratio Lower Upper

237 100

235 60.3 50.7 76.1

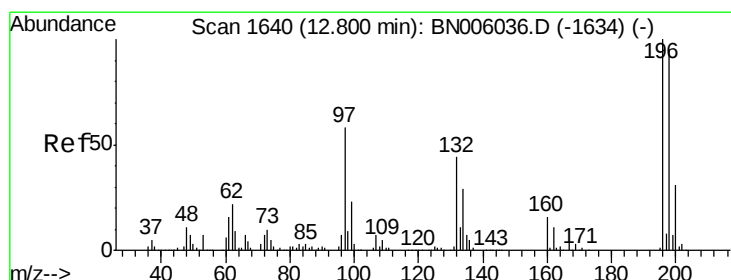
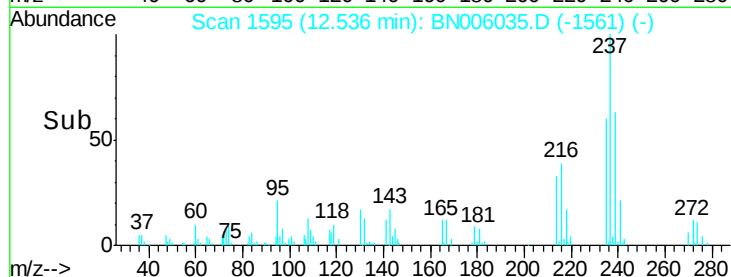
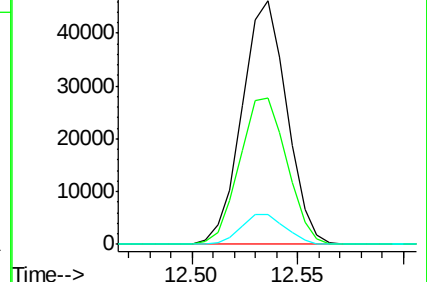
272 12.0 10.2 15.4



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



#38

2,4,6-Trichlorophenol

Concen: 10.756 ng/ul

RT: 12.80 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

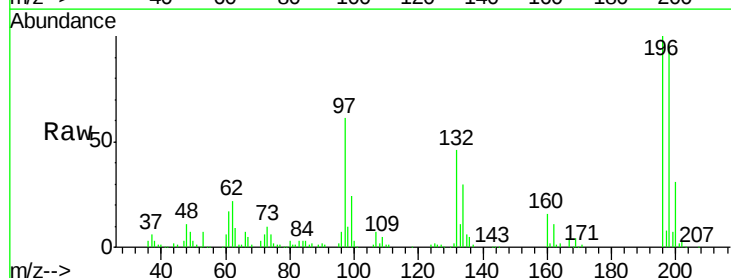
Tgt Ion:196 Resp: 204344

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

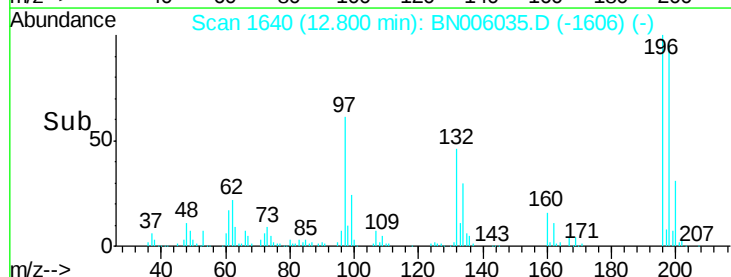
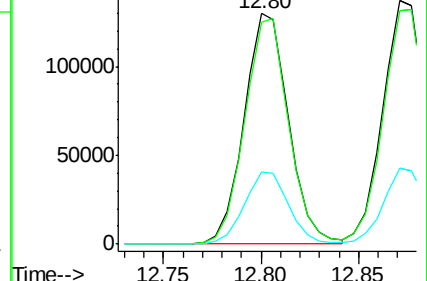
200 31.5 24.9 37.3

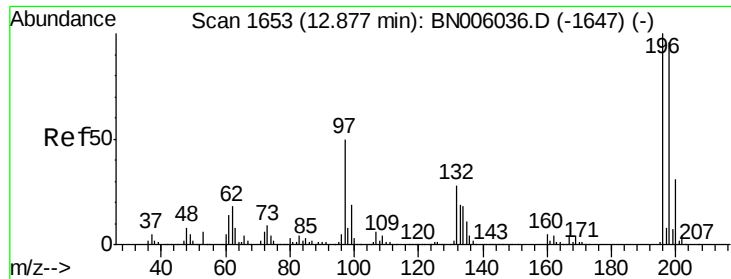


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

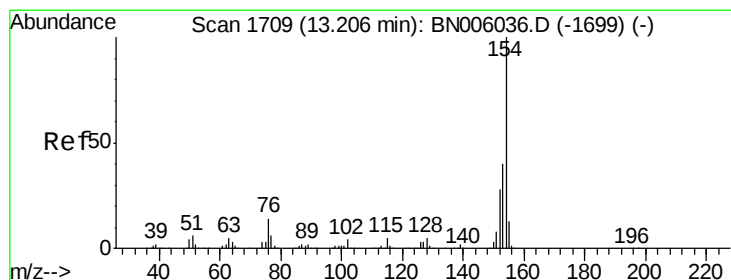
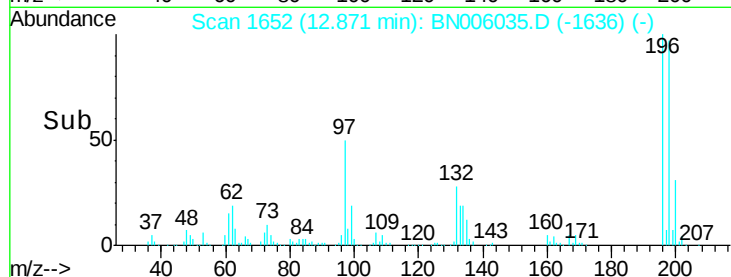
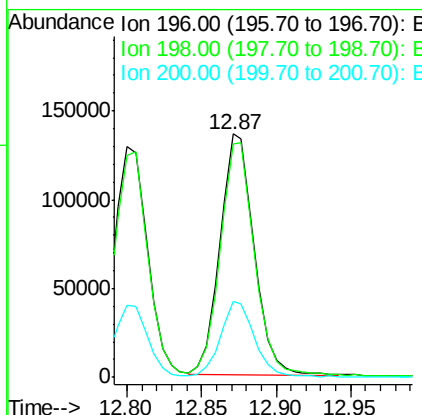
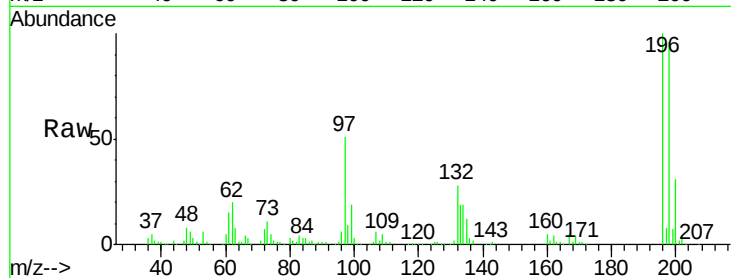




#39  
 2,4,5-Trichlorophenol  
 Concen: 10.480 ng/ul  
 RT: 12.87 min Scan# 1652  
 Delta R.T. -0.01 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

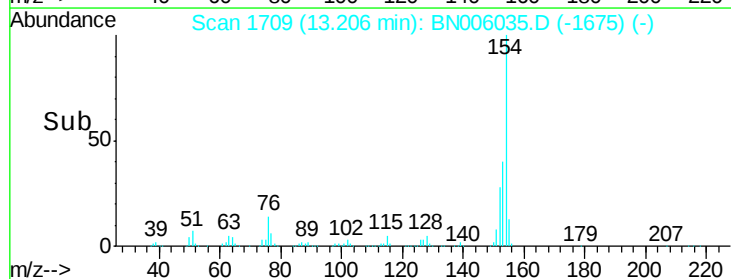
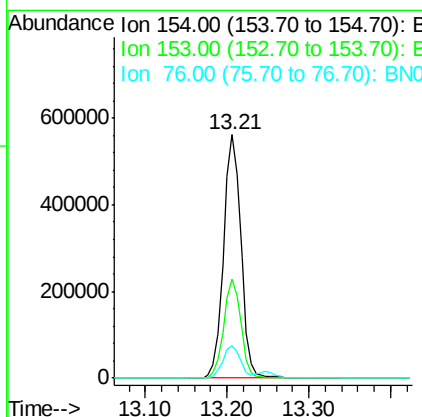
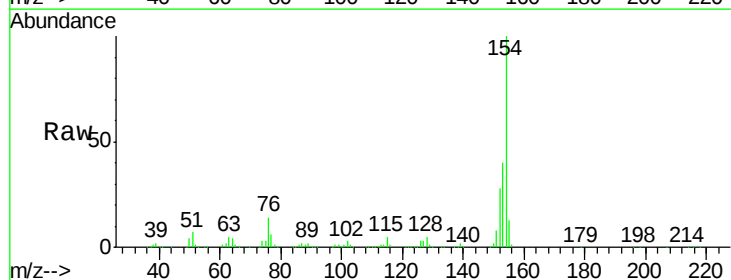
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST01089

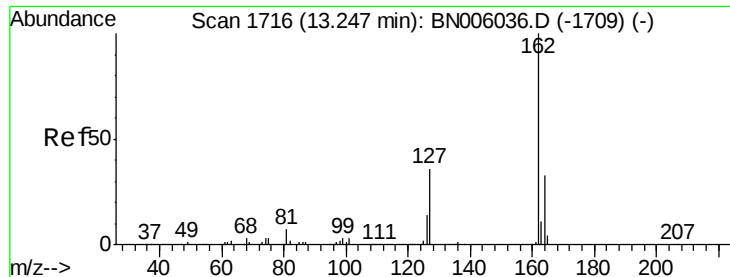
Tgt Ion:196 Resp: 217678  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.9 115.3  
 200 31.4 24.8 37.2



#40  
 1,1'-Biphenyl  
 Concen: 10.389 ng/ul  
 RT: 13.21 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

Tgt Ion:154 Resp: 832988  
 Ion Ratio Lower Upper  
 154 100  
 153 40.5 32.3 48.5  
 76 13.5 11.0 16.6

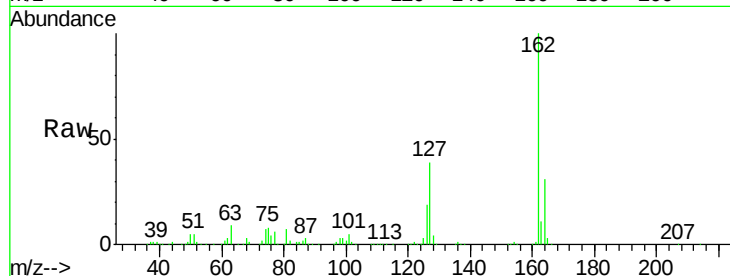




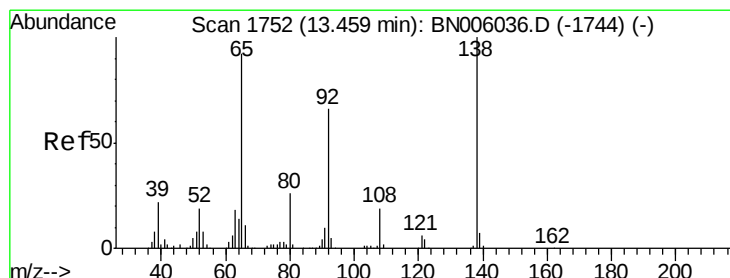
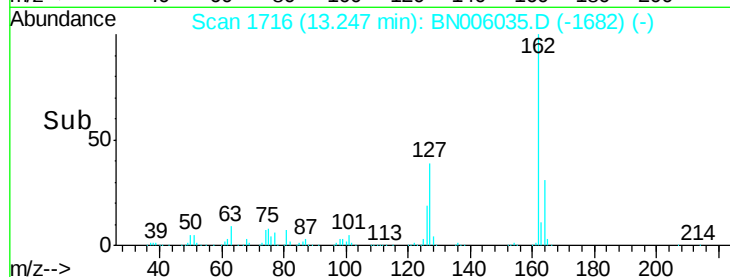
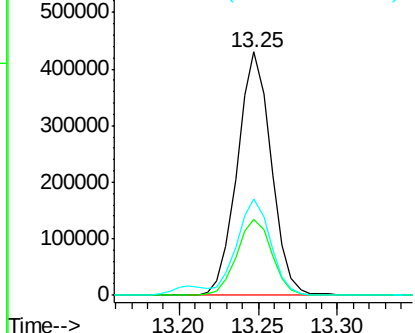
#41  
2-Chloronaphthalene  
Concen: 10.541 ng/ul  
RT: 13.25 min Scan# 1716  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

Tgt Ion: 162 Resp: 640170  
Ion Ratio Lower Upper  
162 100  
164 31.0 26.4 39.6  
127 39.5 31.7 47.5

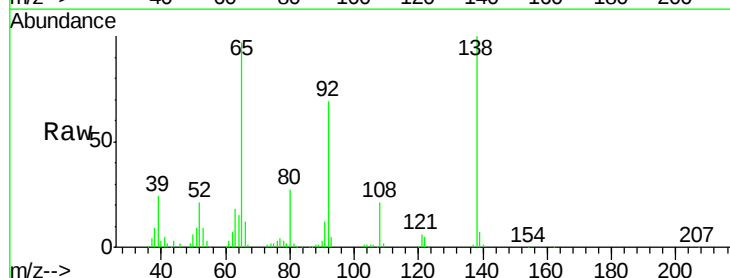


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

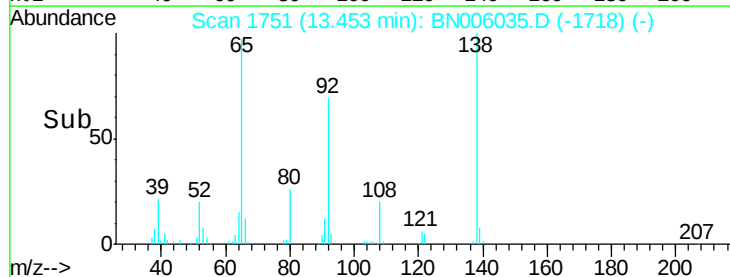
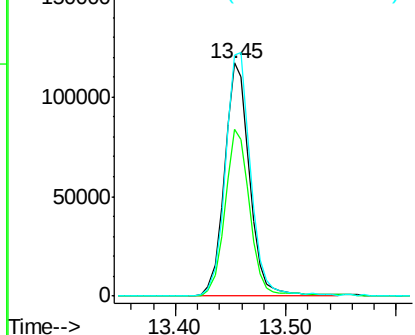


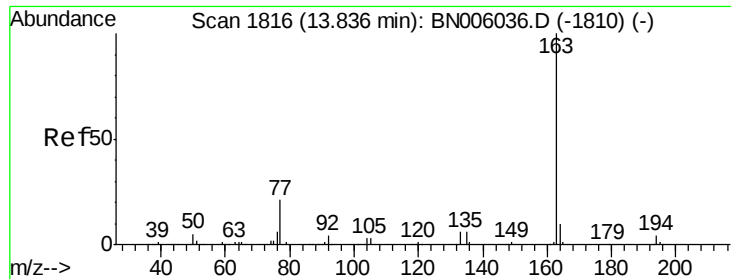
#42  
2-Nitroaniline  
Concen: 11.615 ng/ul  
RT: 13.45 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion: 65 Resp: 186585  
Ion Ratio Lower Upper  
65 100  
92 71.4 57.5 86.3  
138 103.3 87.2 130.8



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





#44

Dimethylphthalate

Concen: 9.582 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

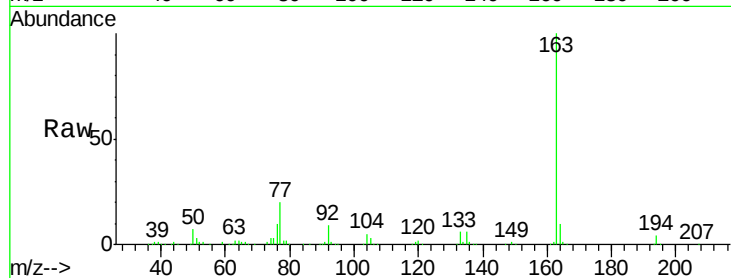
Tgt Ion:163 Resp: 763300

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

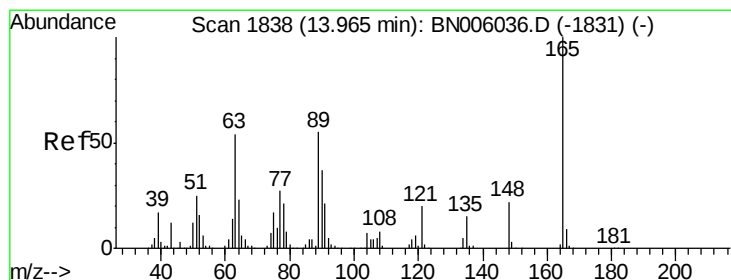
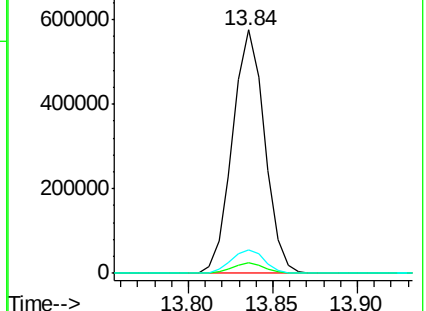
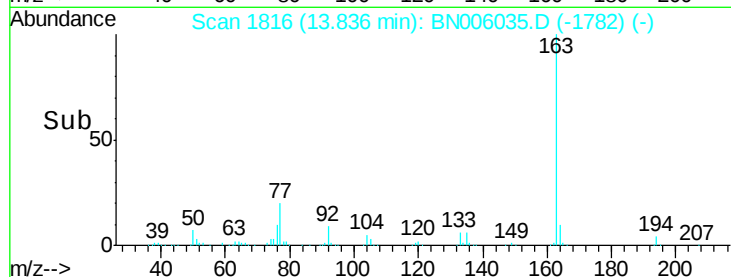
164 9.8 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 11.160 ng/ul

RT: 13.96 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

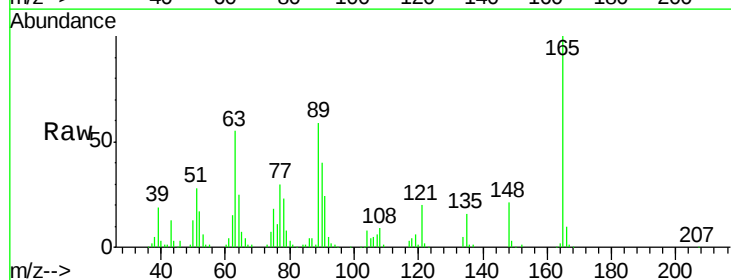
Tgt Ion:165 Resp: 153236

Ion Ratio Lower Upper

165 100

89 58.5 44.2 66.2

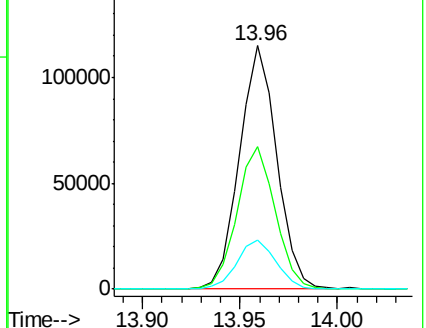
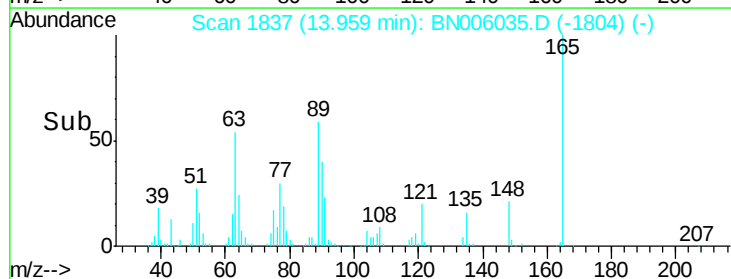
121 19.9 15.6 23.4

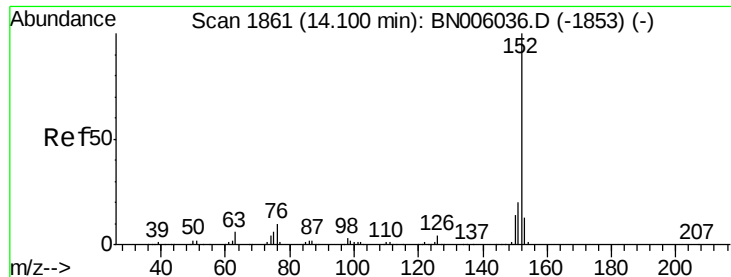


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 10.149 ng/ul

RT: 14.10 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

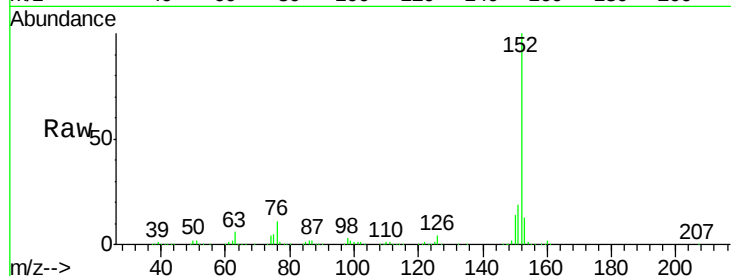
Tgt Ion:152 Resp: 992228

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

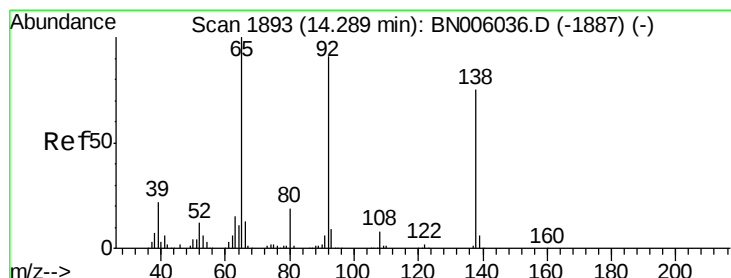
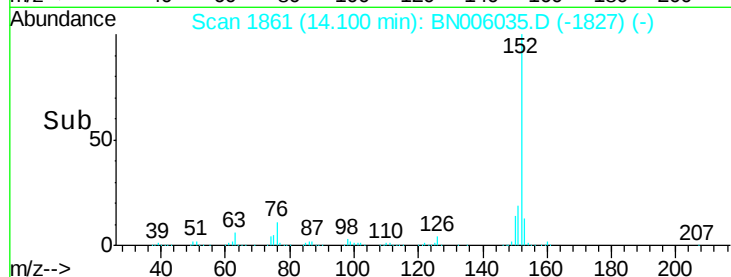
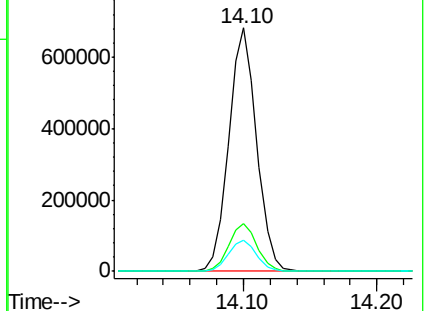
153 12.7 10.5 15.7



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



#48

3-Nitroaniline

Concen: 10.523 ng/ul

RT: 14.29 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

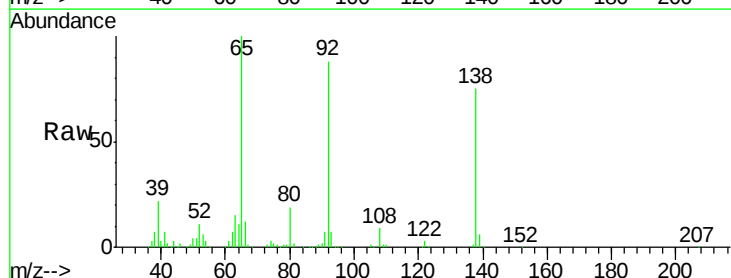
Tgt Ion:138 Resp: 156864

Ion Ratio Lower Upper

138 100

108 11.8 9.0 13.6

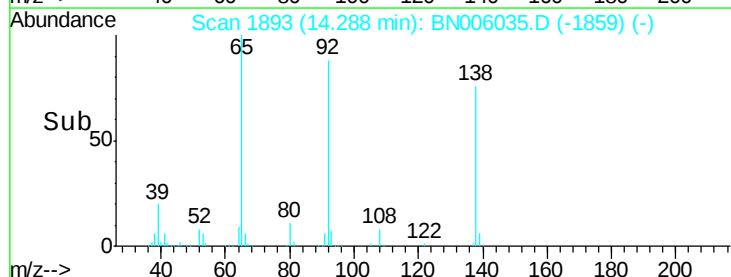
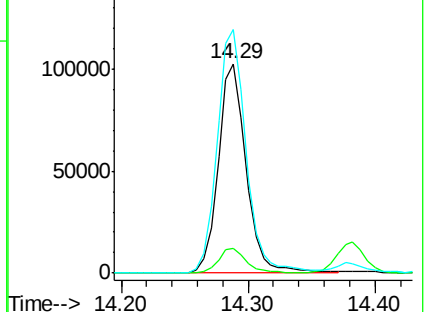
92 116.4 97.2 145.8

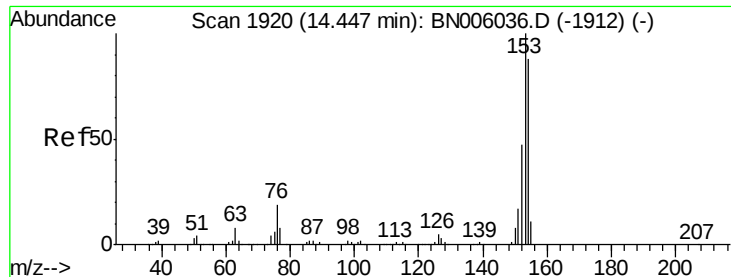


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 10.065 ng/ul

RT: 14.45 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

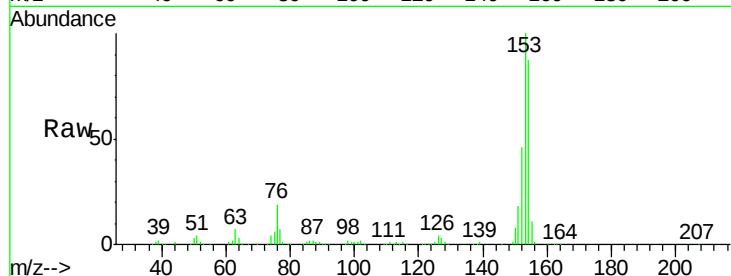
Tgt Ion:153 Resp: 668445

Ion Ratio Lower Upper

153 100

152 46.0 37.4 56.2

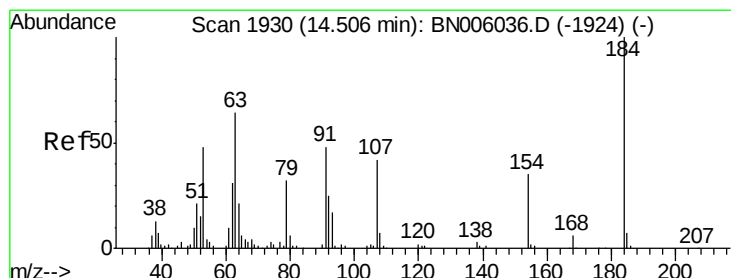
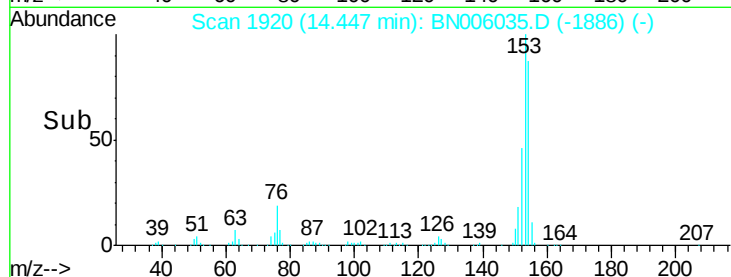
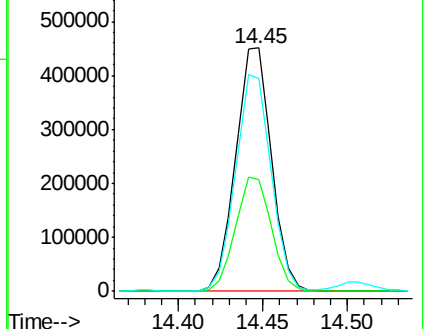
154 87.2 70.7 106.1



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



#50

2,4-Dinitrophenol

Concen: 7.488 ng/ul

RT: 14.51 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

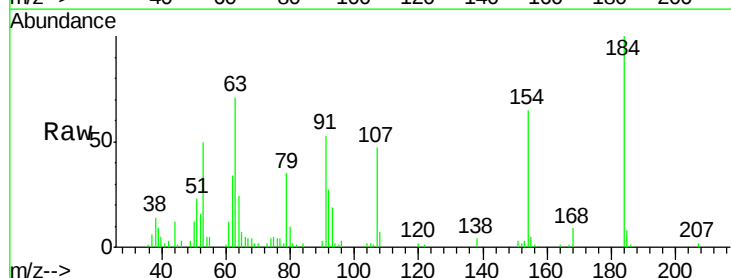
Tgt Ion:184 Resp: 45757

Ion Ratio Lower Upper

184 100

63 70.7 52.5 78.7

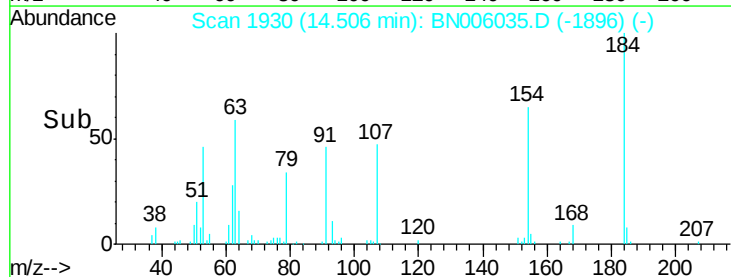
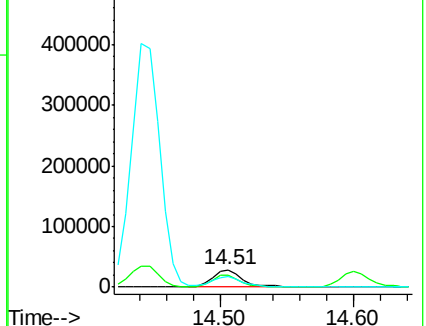
154 64.8 49.1 73.7

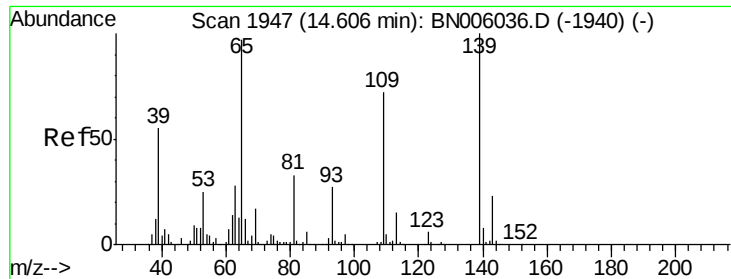


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 8.719 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

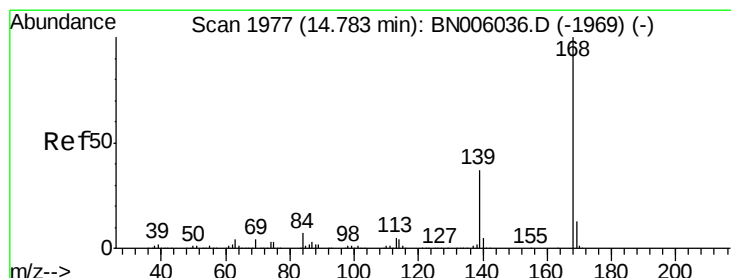
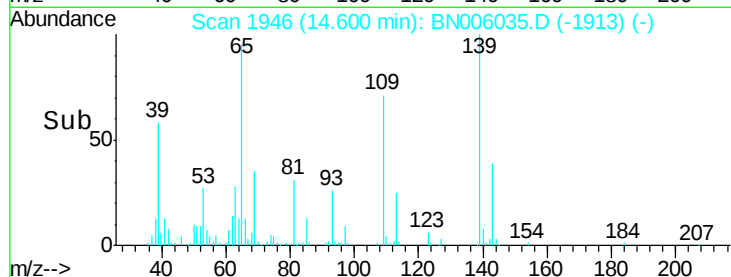
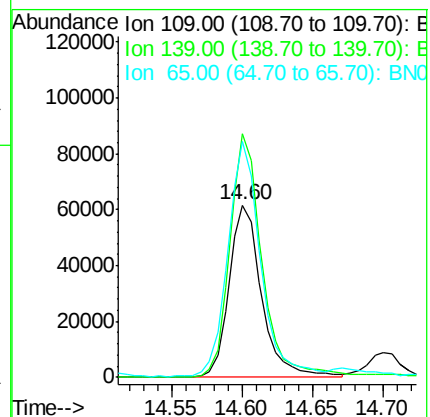
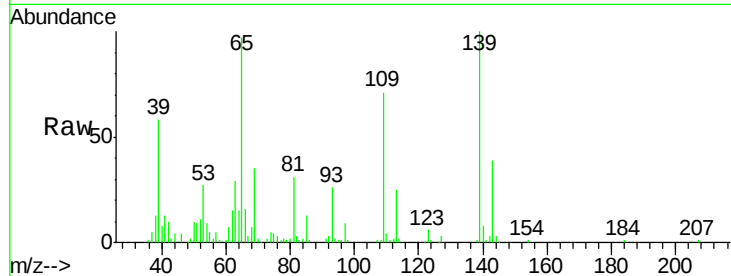
Tgt Ion:109 Resp: 99125

Ion Ratio Lower Upper

109 100

139 141.6 111.8 167.6

65 137.5 108.5 162.7



#53

Dibenzofuran

Concen: 10.158 ng/ul

RT: 14.78 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN006035.D

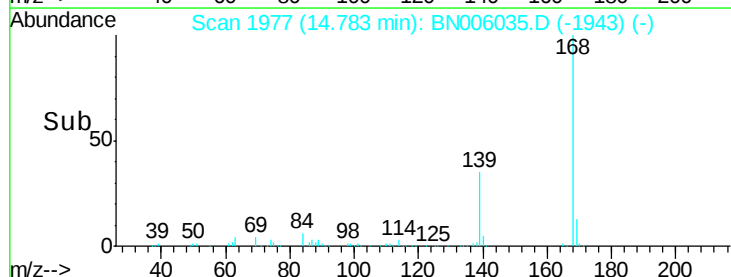
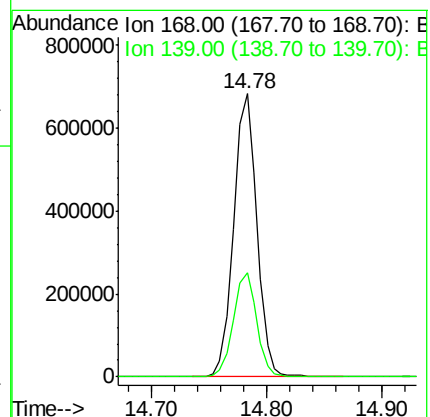
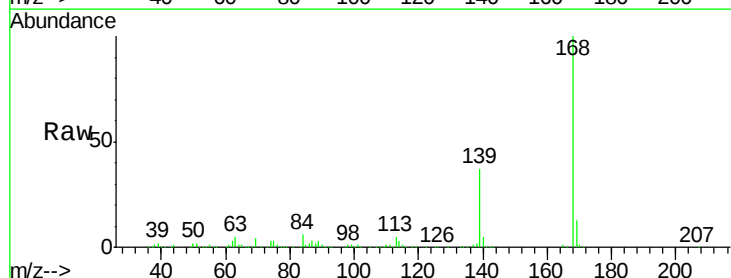
Acq: 03 Jun 2019 11:23

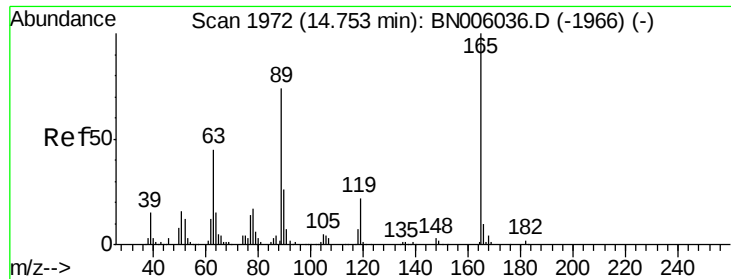
Tgt Ion:168 Resp: 952396

Ion Ratio Lower Upper

168 100

139 36.6 29.8 44.6





#54

2,4-Dinitrotoluene

Concen: 10.550 ng/ul

RT: 14.75 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

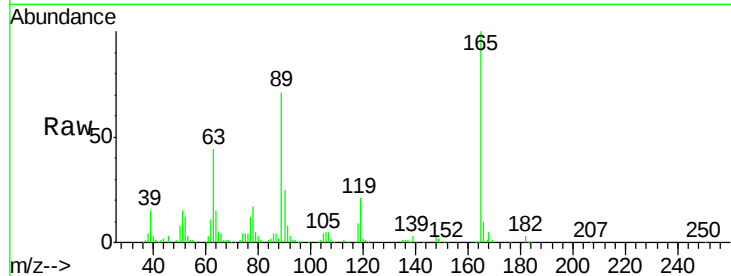
Tgt Ion:165 Resp: 215939

Ion Ratio Lower Upper

165 100

63 43.6 36.0 54.0

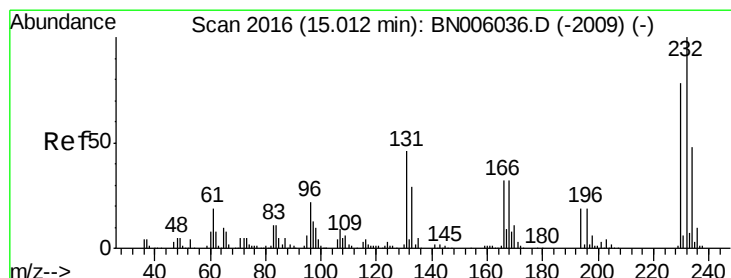
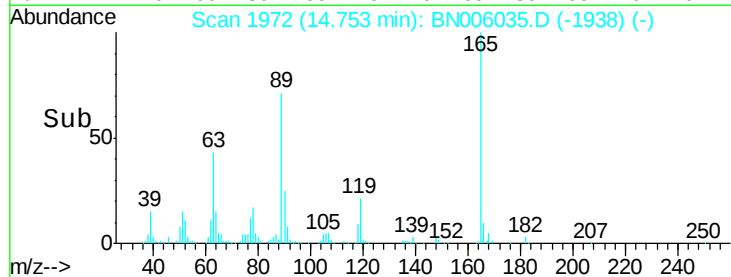
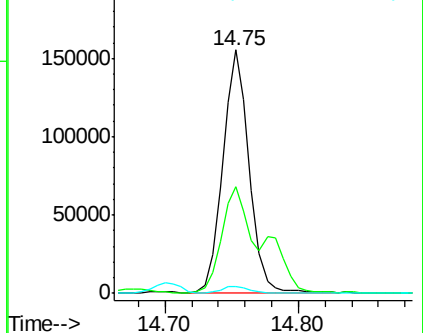
182 2.8 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 10.292 ng/ul

RT: 15.01 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Tgt Ion:232 Resp: 175706

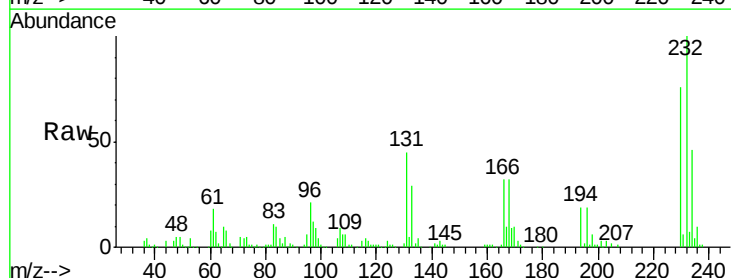
Ion Ratio Lower Upper

232 100

131 44.5 36.9 55.3

130 2.3 1.8 2.8

166 31.6 25.9 38.9

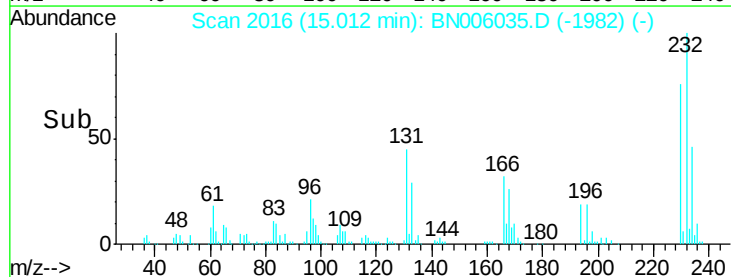
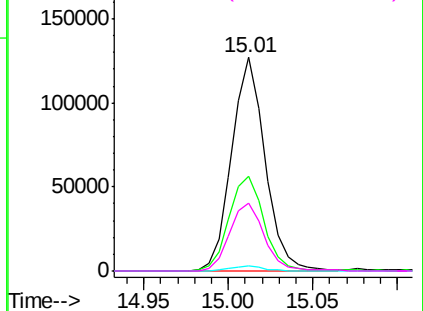


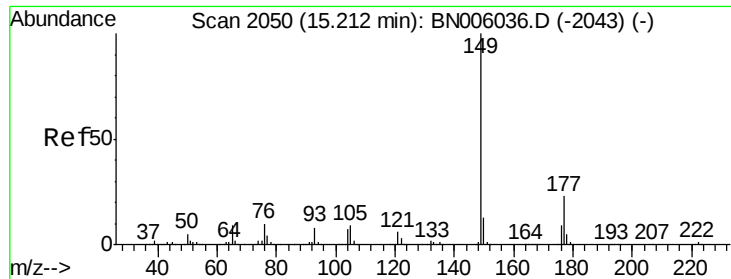
Abundance Ion 232.00 (231.70 to 232.70): E

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

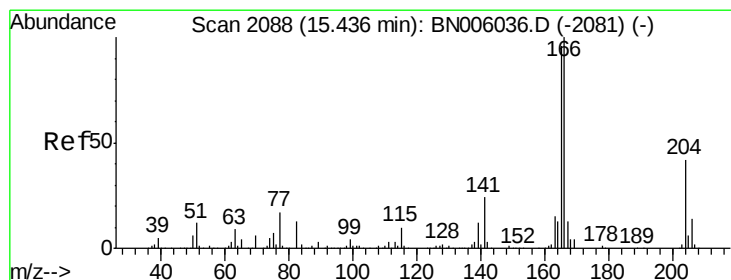
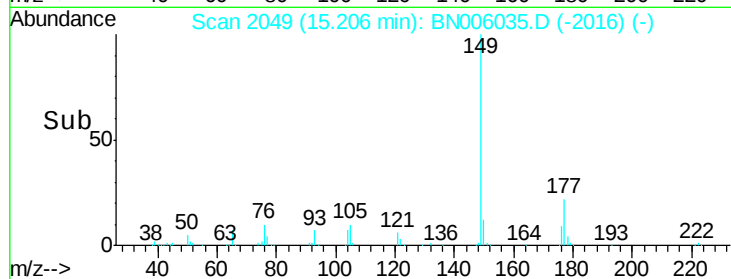
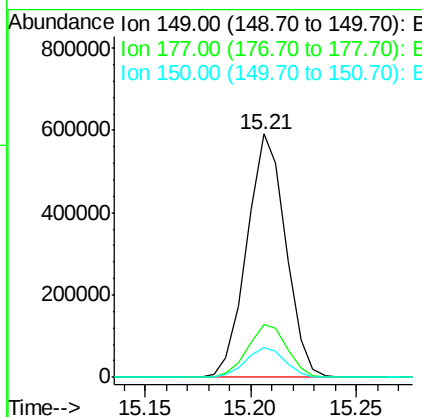
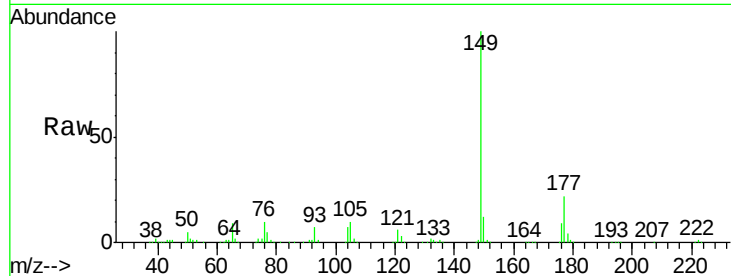




#56  
Diethylphthalate  
Concen: 9.137 ng/ul  
RT: 15.21 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

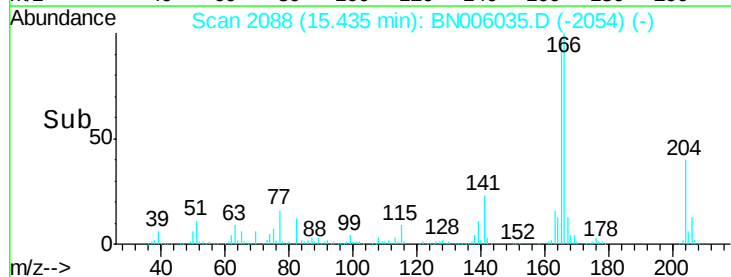
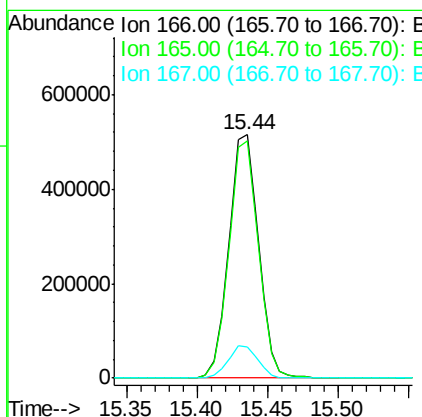
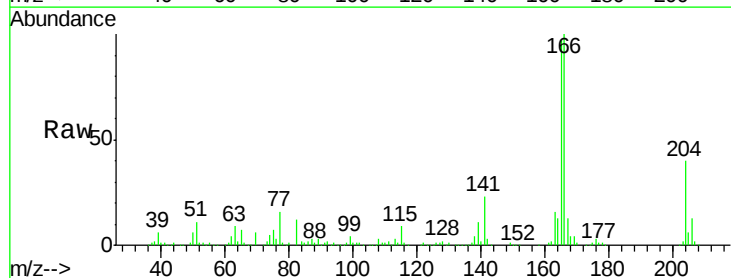
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

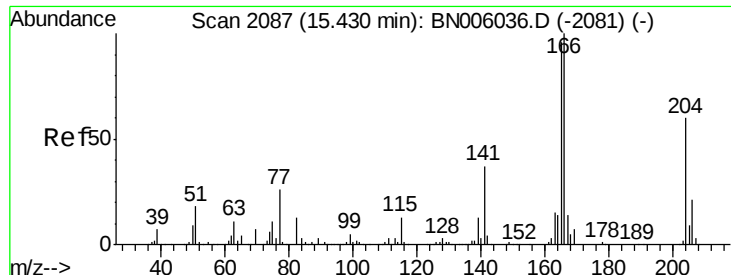
Tgt Ion:149 Resp: 757595  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.4 27.6  
150 12.2 10.1 15.1



#58  
Fluorene  
Concen: 10.215 ng/ul  
RT: 15.44 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:166 Resp: 752159  
Ion Ratio Lower Upper  
166 100  
165 97.3 76.6 115.0  
167 13.0 10.8 16.2

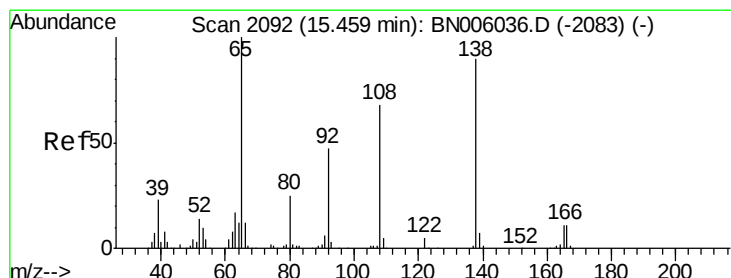
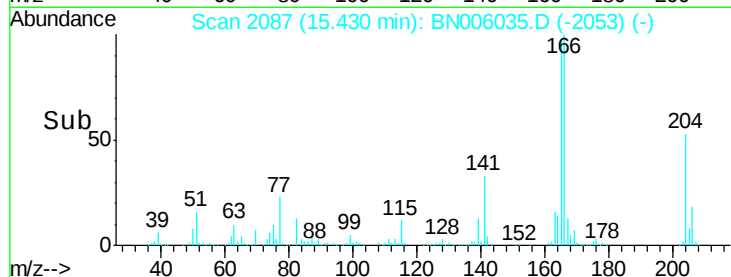
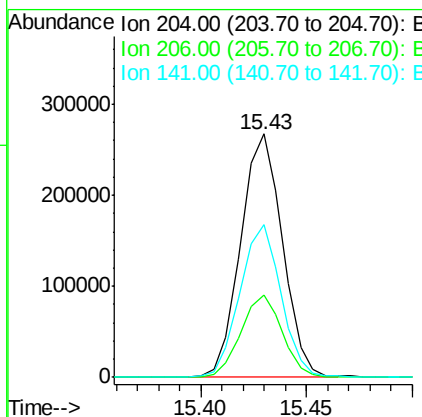
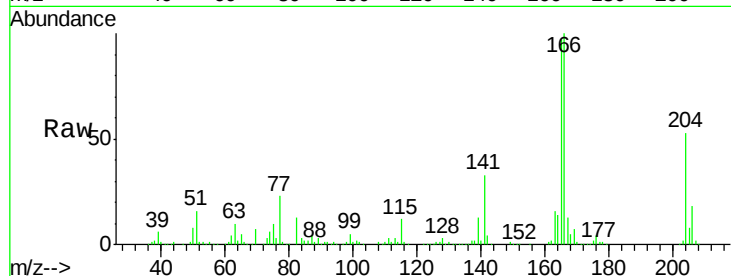




#59  
 4-Chlorophenyl-phenylether  
 Concen: 10.477 ng/ul  
 RT: 15.43 min Scan# 2087  
 Delta R.T. -0.00 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

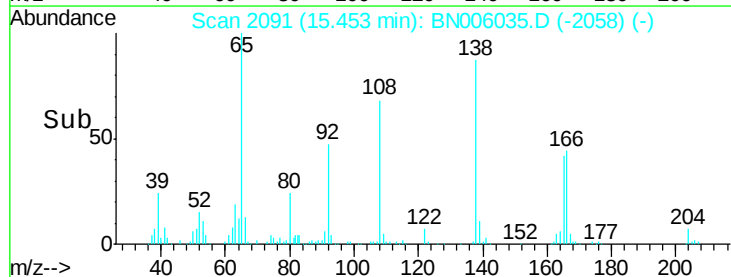
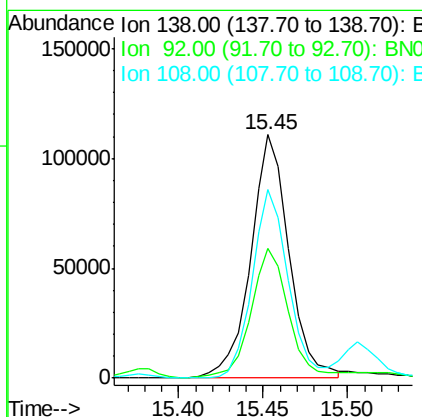
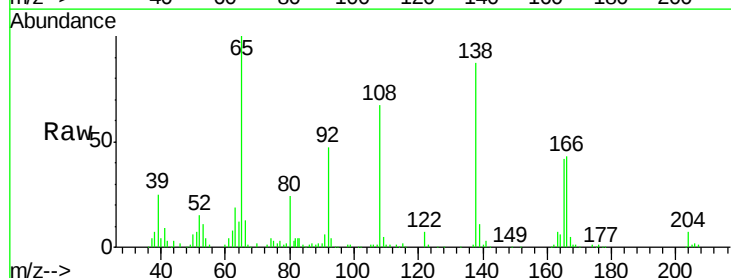
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD01089

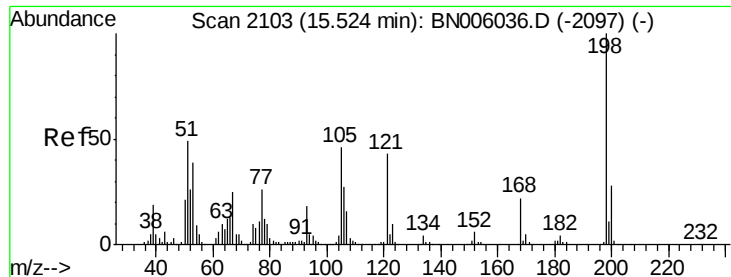
Tgt Ion:204 Resp: 367640  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 27.6 41.4  
 141 62.7 49.1 73.7



#60  
 4-Nitroaniline  
 Concen: 9.633 ng/ul  
 RT: 15.45 min Scan# 2091  
 Delta R.T. -0.01 min  
 Lab File: BN006035.D  
 Acq: 03 Jun 2019 11:23

Tgt Ion:138 Resp: 173898  
 Ion Ratio Lower Upper  
 138 100  
 92 53.5 41.7 62.5  
 108 77.4 61.0 91.6

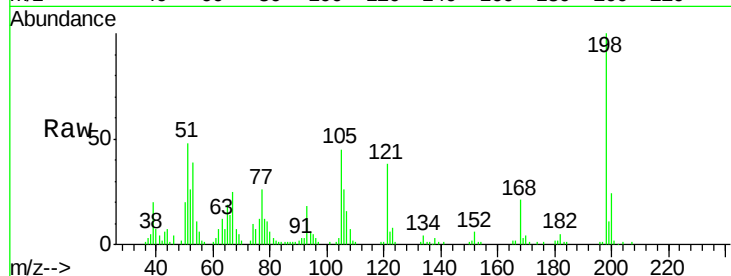




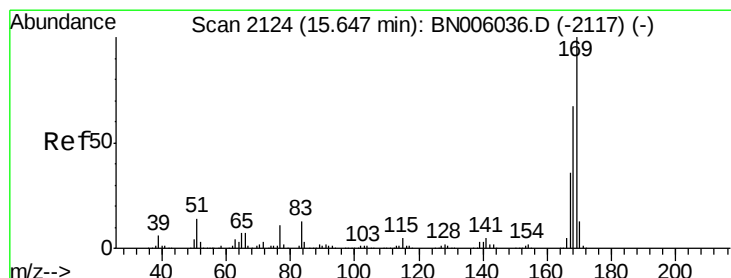
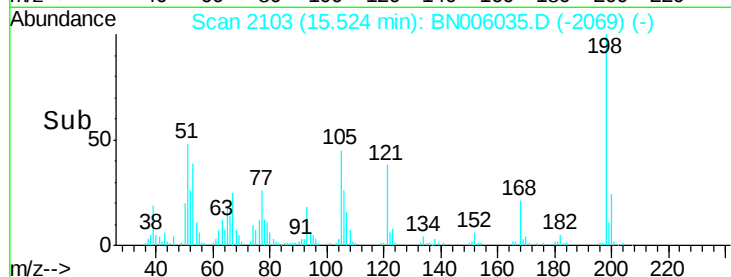
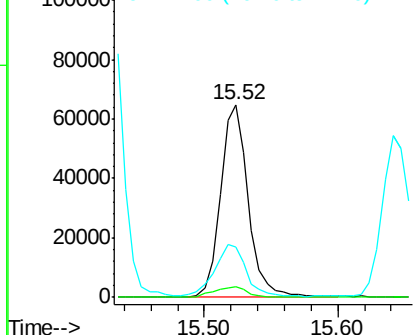
#63  
4,6-Dinitro-2-methylphenol  
Concen: 9.334 ng/ul  
RT: 15.52 min Scan# 2103  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

Tgt Ion:198 Resp: 94818  
Ion Ratio Lower Upper  
198 100  
182 5.4 3.1 4.7#  
77 26.4 21.5 32.3

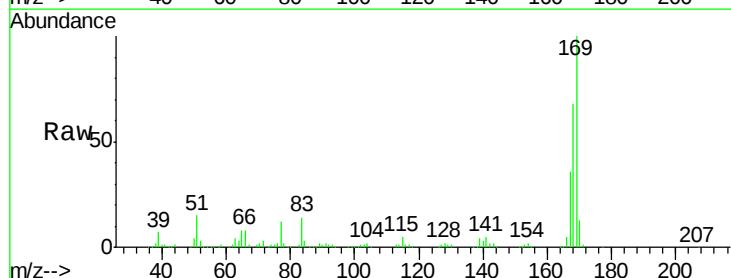


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BNC

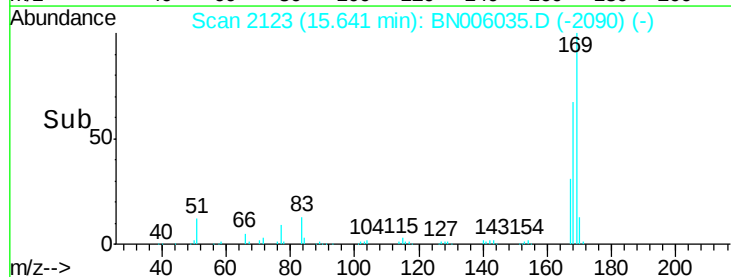
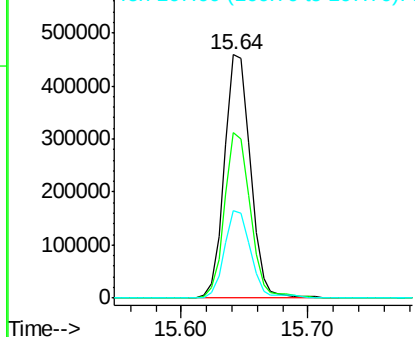


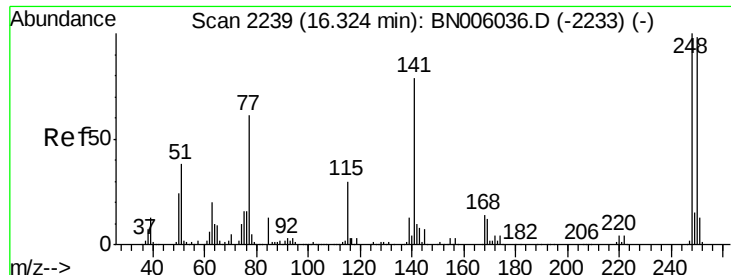
#64  
N-Nitrosodiphenylamine  
Concen: 10.328 ng/ul  
RT: 15.64 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:169 Resp: 652508  
Ion Ratio Lower Upper  
169 100  
168 67.7 53.4 80.2  
167 36.0 28.6 42.8



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

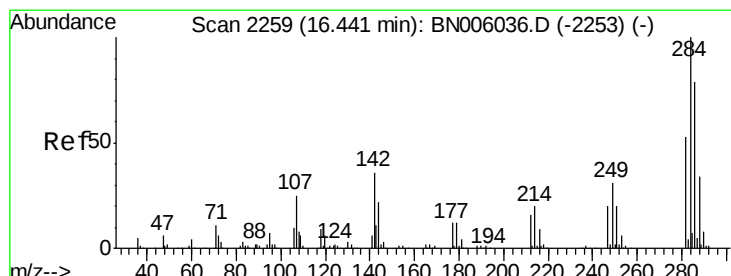
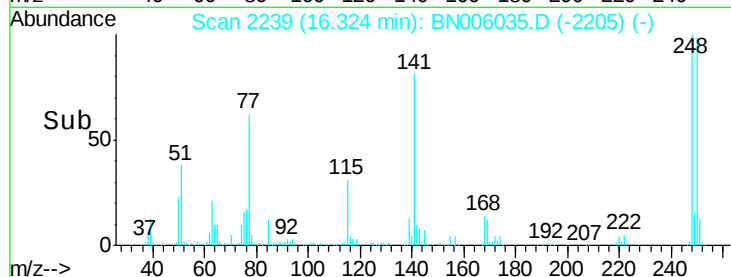
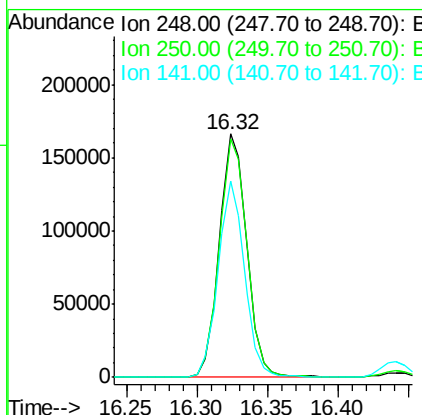
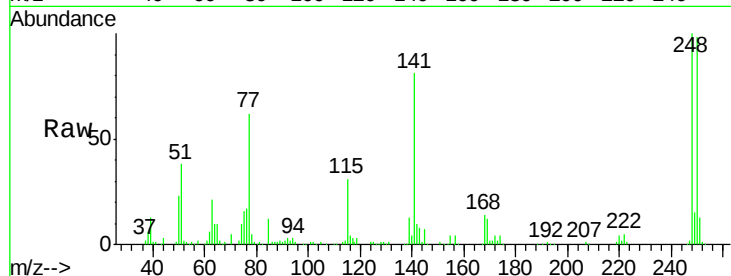




#65  
4-Bromophenyl-phenylether  
Concen: 10.676 ng/ul  
RT: 16.32 min Scan# 2239  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

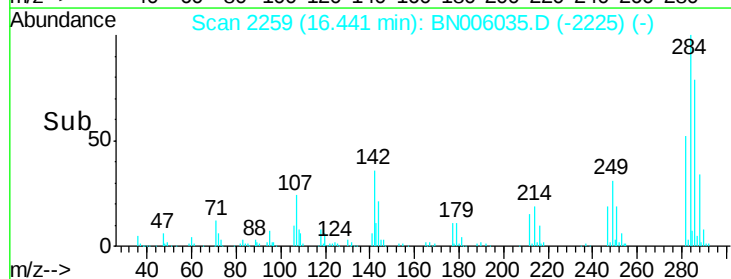
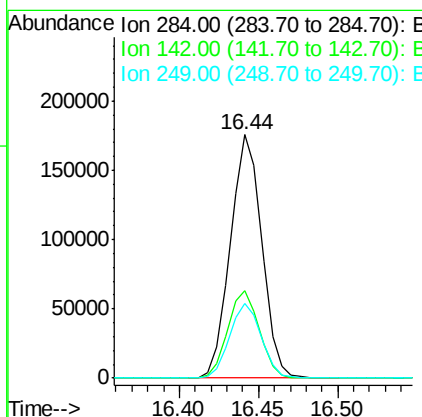
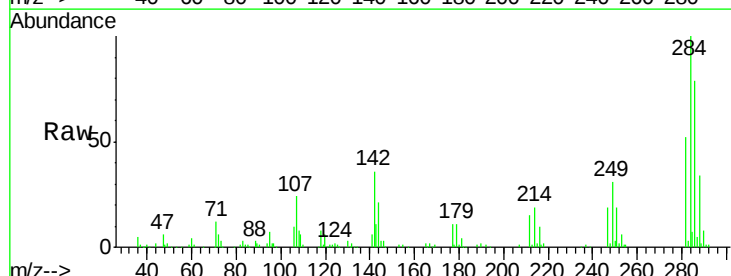
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

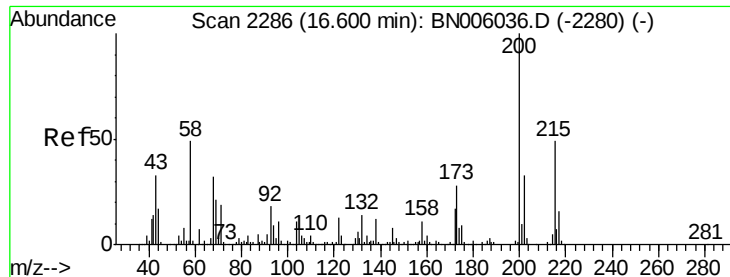
Tgt Ion:248 Resp: 224679  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.8 118.2  
141 80.6 63.0 94.6



#66  
Hexachlorobenzene  
Concen: 10.676 ng/ul  
RT: 16.44 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:284 Resp: 241417  
Ion Ratio Lower Upper  
284 100  
142 36.0 29.0 43.6  
249 30.9 25.0 37.6





#67

Atrazine

Concen: 9.940 ng/ul

RT: 16.60 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

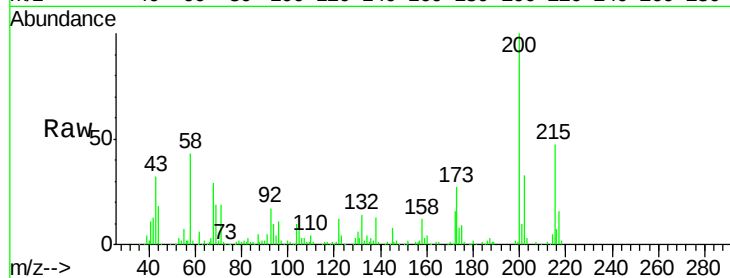
Tgt Ion:200 Resp: 222157

Ion Ratio Lower Upper

200 100

173 27.2 22.3 33.5

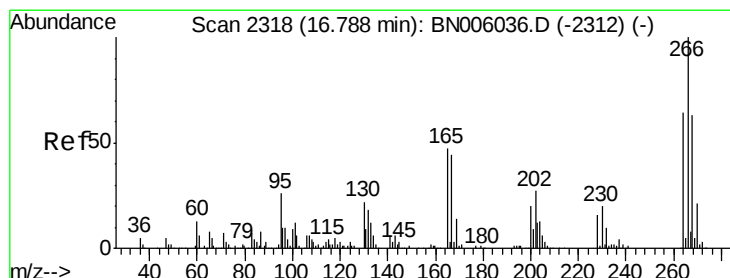
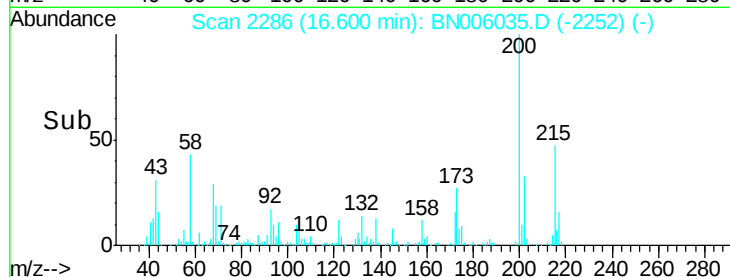
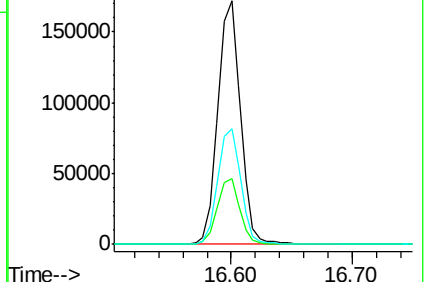
215 47.4 39.0 58.6



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



#68

Pentachlorophenol

Concen: 8.264 ng/ul

RT: 16.79 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

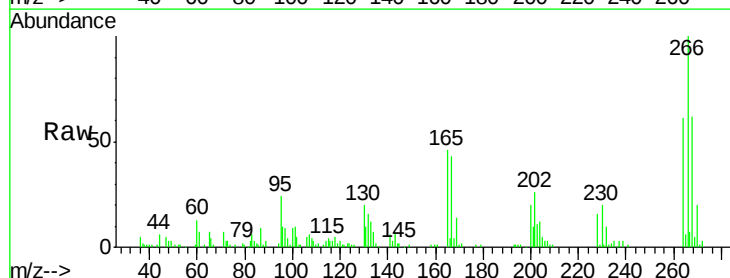
Tgt Ion:266 Resp: 109937

Ion Ratio Lower Upper

266 100

264 60.6 50.8 76.2

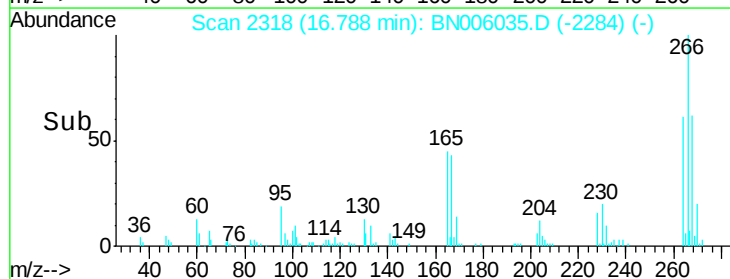
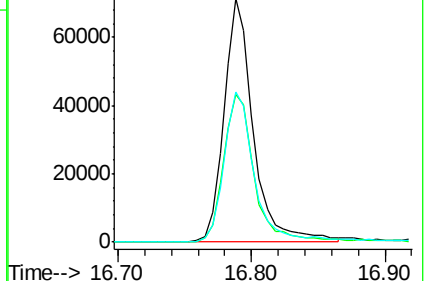
268 61.5 50.7 76.1

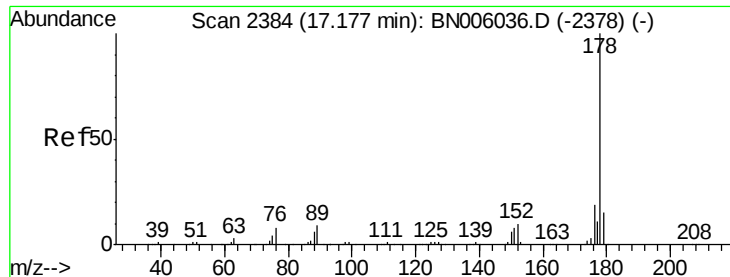


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 9.973 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

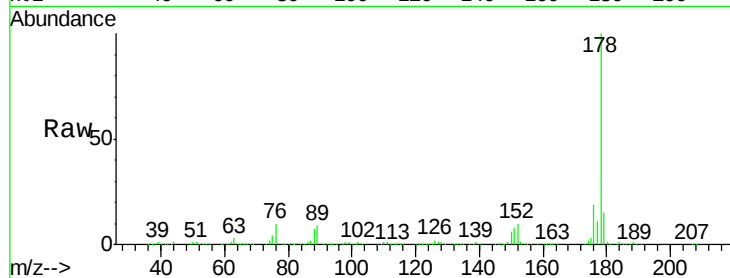
Tgt Ion:178 Resp: 1119748

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

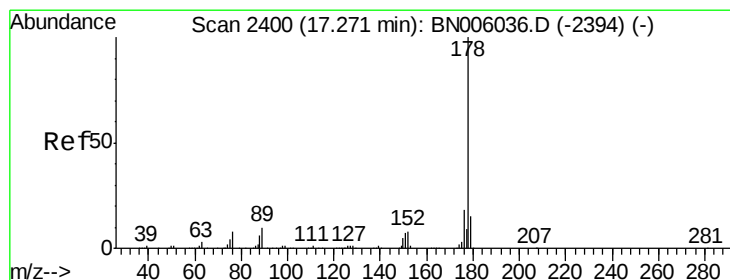
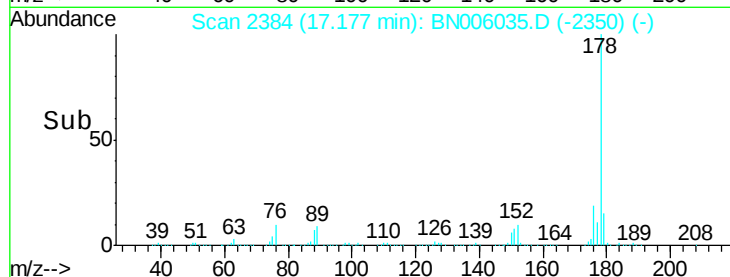
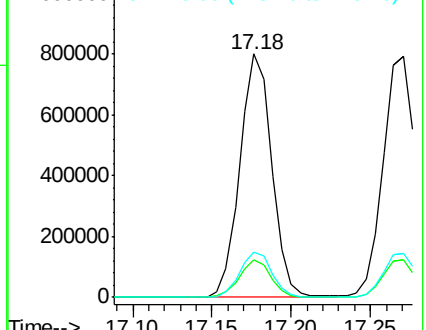
176 18.7 15.0 22.4



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



#71

Anthracene

Concen: 10.099 ng/ul

RT: 17.27 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

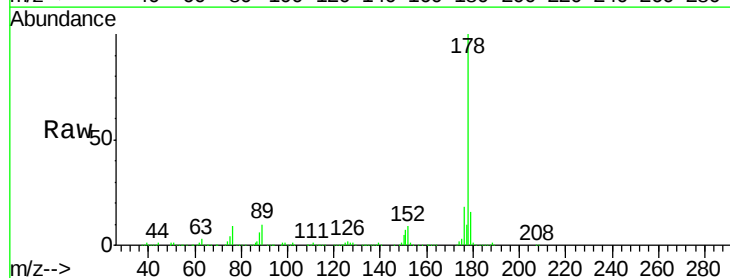
Tgt Ion:178 Resp: 1151120

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

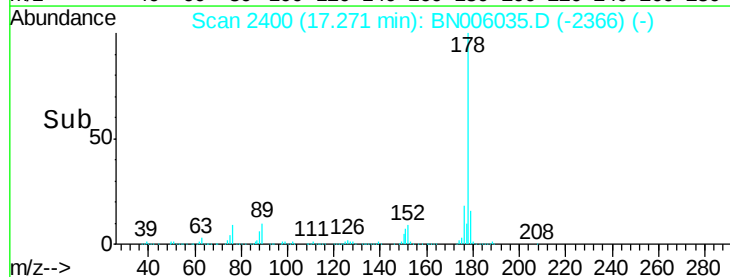
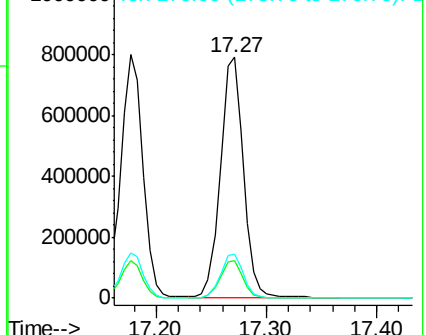
176 18.1 14.8 22.2

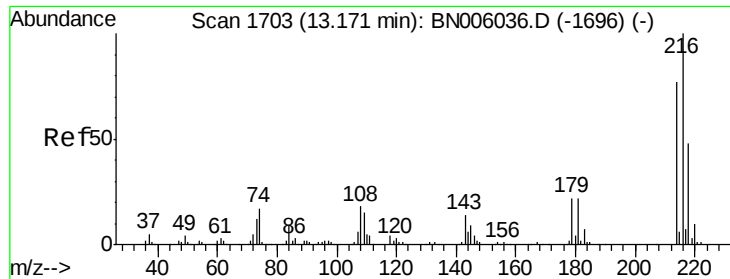


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 11.772 ng/uL

RT: 13.17 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

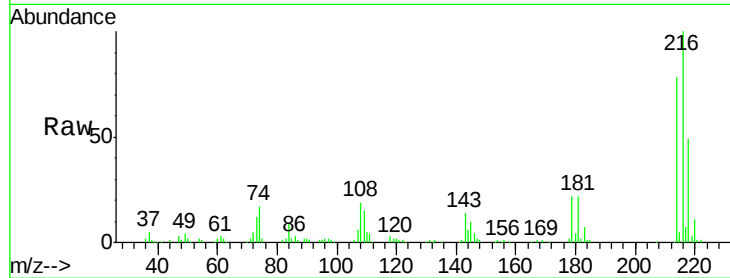
Tgt Ion:216 Resp: 331055

Ion Ratio Lower Upper

216 100

214 78.4 61.7 92.5

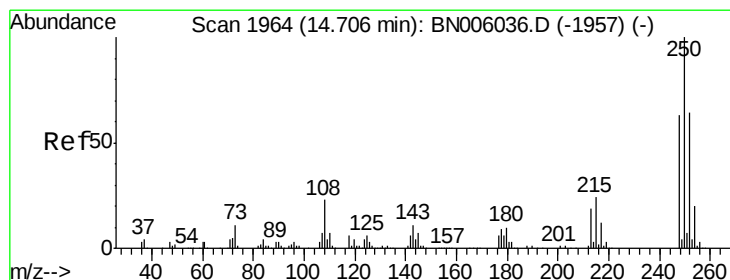
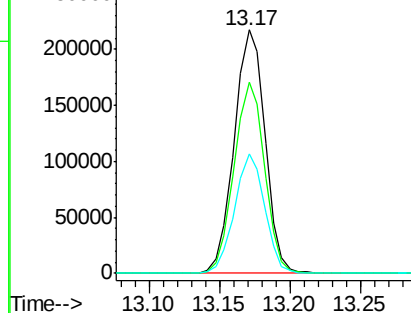
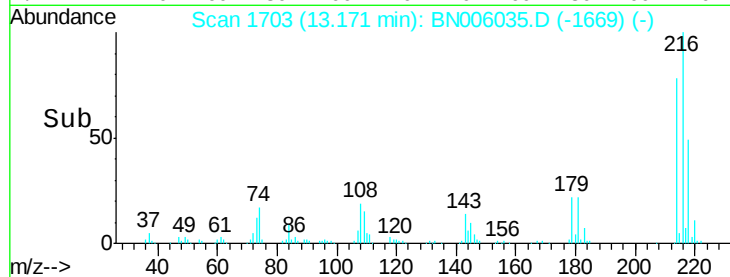
218 49.2 38.2 57.2



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



#73

Pentachlorobenzene

Concen: 11.362 ng/uL

RT: 14.70 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

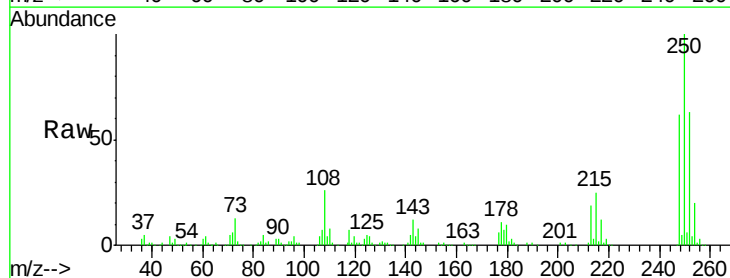
Tgt Ion:250 Resp: 295927

Ion Ratio Lower Upper

250 100

248 62.3 50.2 75.4

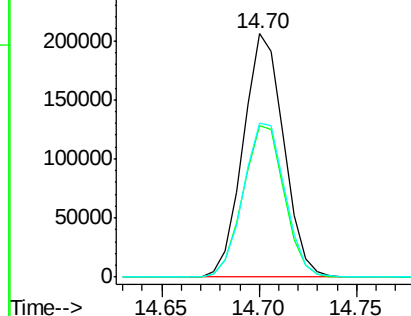
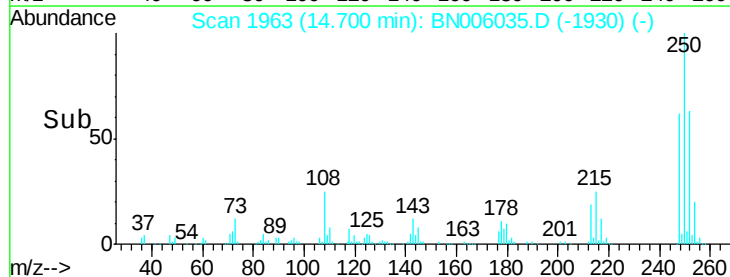
252 63.5 50.9 76.3

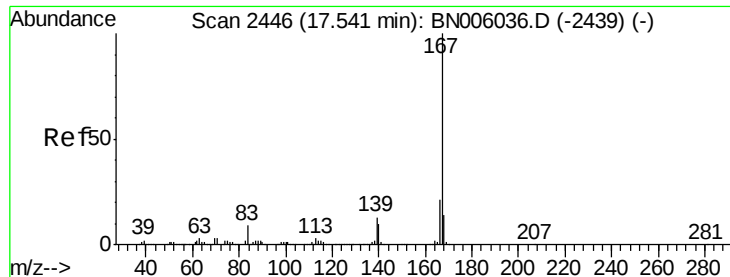


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 9.996 ng/ul

RT: 17.54 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

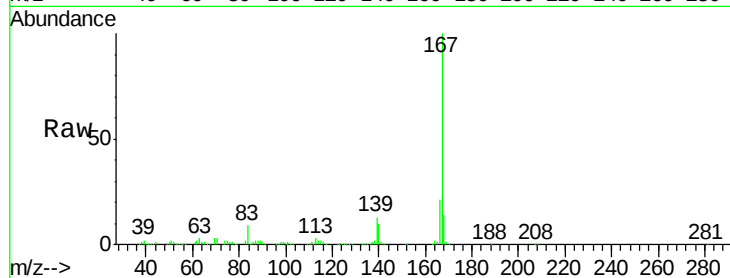
Tgt Ion:167 Resp: 1026430

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

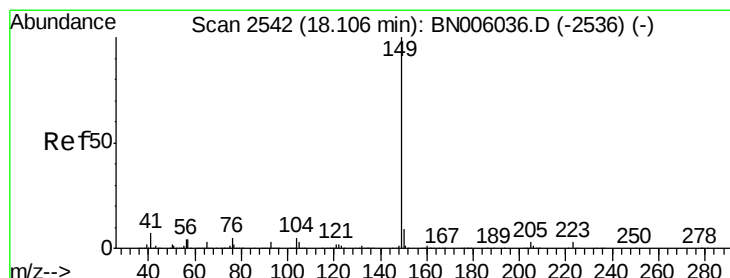
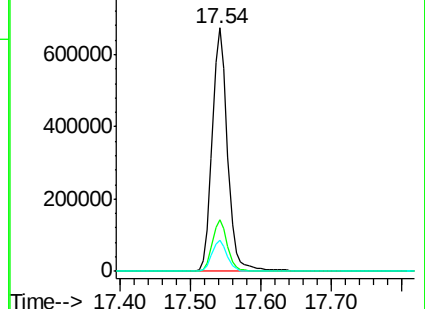
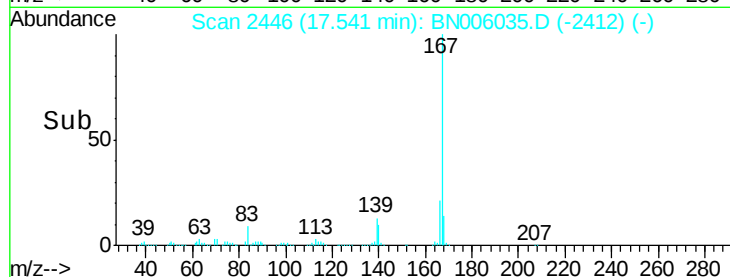
139 12.8 10.4 15.6



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



#75

Di-n-butylphthalate

Concen: 9.223 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

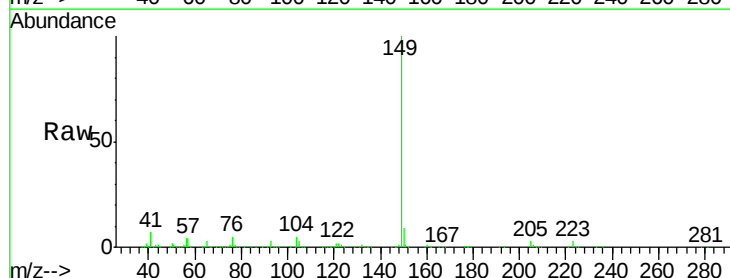
Tgt Ion:149 Resp: 1237822

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

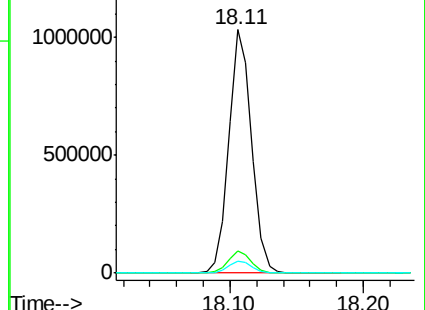
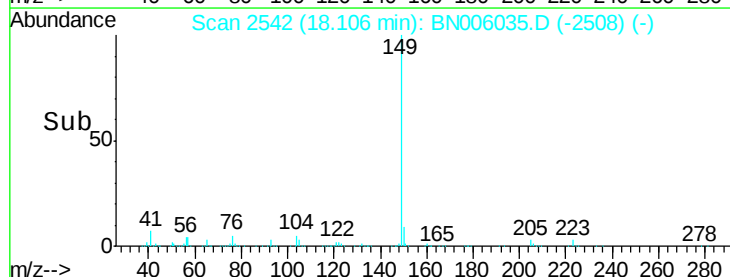
104 4.7 4.2 6.2

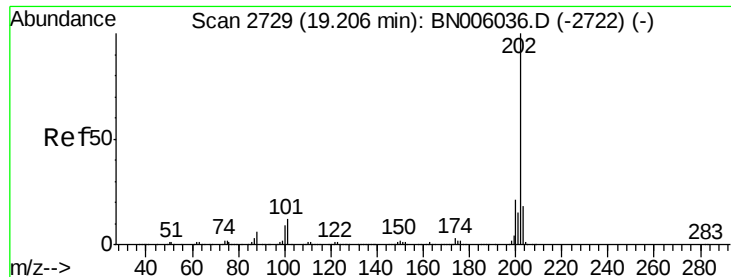


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

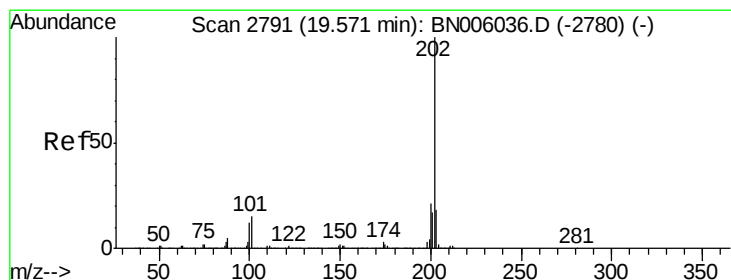
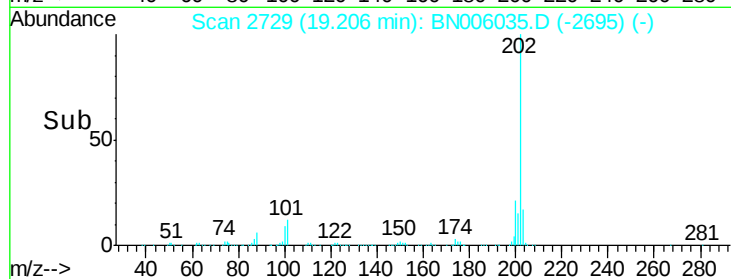
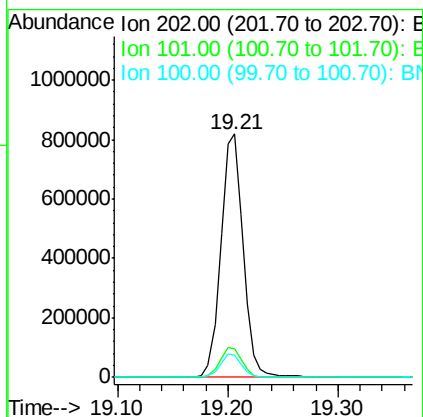
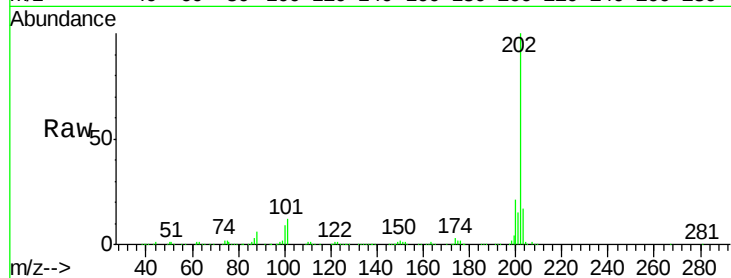




#76  
Fluoranthene  
Concen: 9.604 ng/ul  
RT: 19.21 min Scan# 2729  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

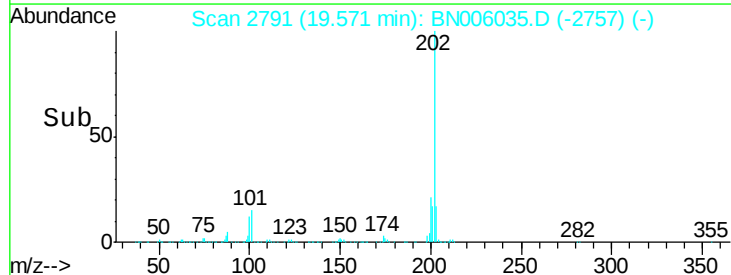
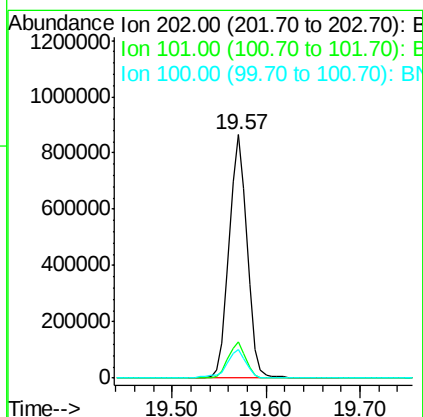
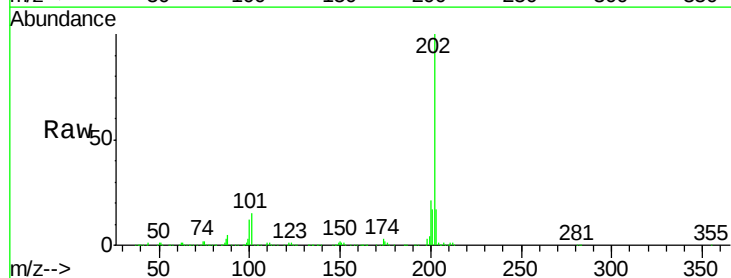
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

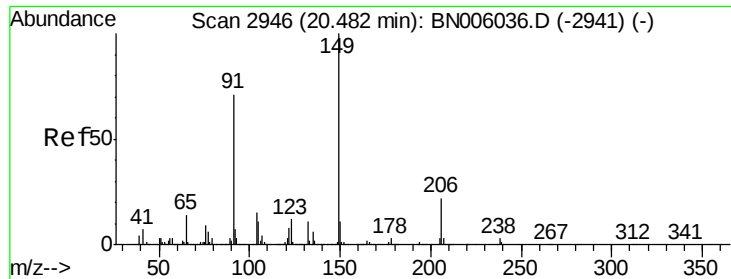
Tgt Ion:202 Resp: 1151130  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.6 14.4  
100 9.1 7.1 10.7



#79  
Pyrene  
Concen: 11.592 ng/ul  
RT: 19.57 min Scan# 2791  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:202 Resp: 1158864  
Ion Ratio Lower Upper  
202 100  
101 14.8 11.6 17.4  
100 11.7 9.4 14.2

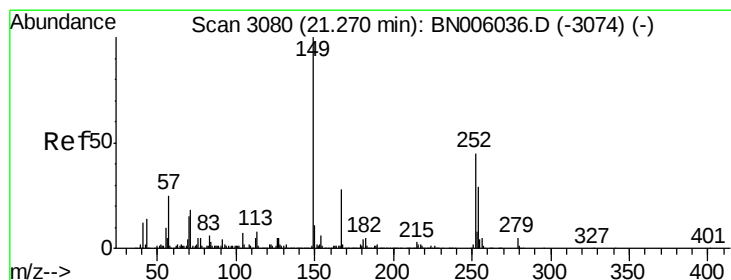
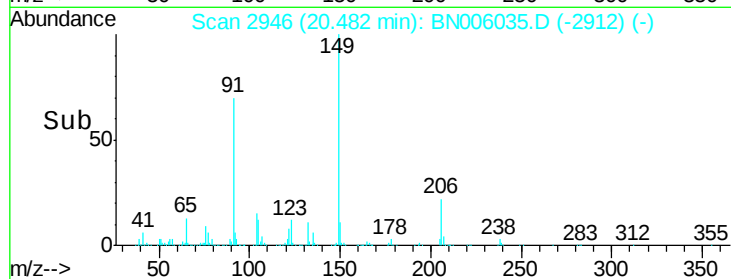
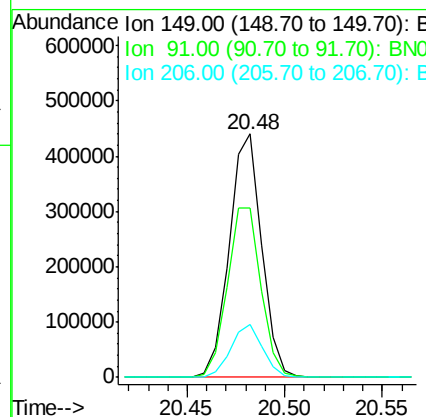
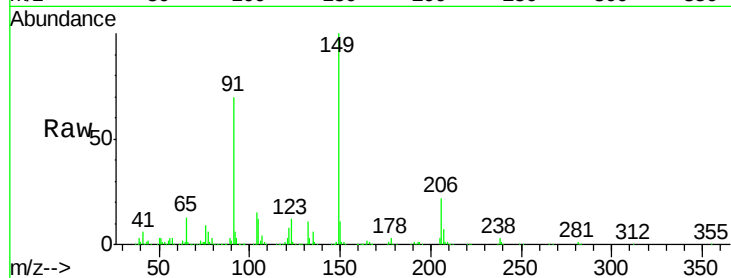




#80  
Butylbenzylphthalate  
Concen: 11.249 ng/ul  
RT: 20.48 min Scan# 2946  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

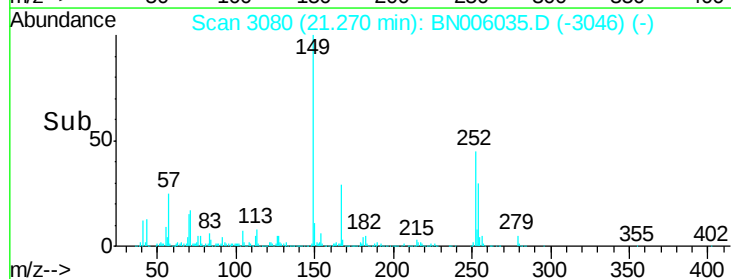
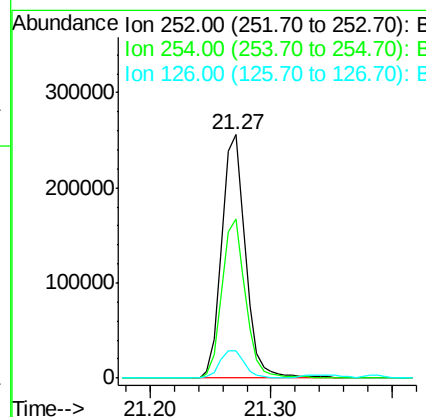
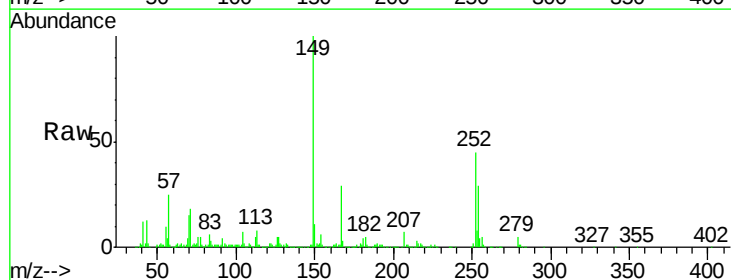
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

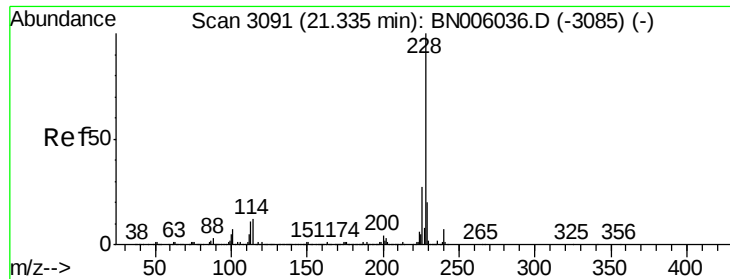
Tgt Ion:149 Resp: 505349  
Ion Ratio Lower Upper  
149 100  
91 69.8 57.0 85.6  
206 21.7 17.4 26.2



#81  
3,3'-Dichlorobenzidine  
Concen: 11.099 ng/ul  
RT: 21.27 min Scan# 3080  
Delta R.T. -0.00 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Tgt Ion:252 Resp: 347852  
Ion Ratio Lower Upper  
252 100  
254 65.5 50.7 76.1  
126 11.1 9.0 13.6





#82

Benzo(a)anthracene

Concen: 9.879 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

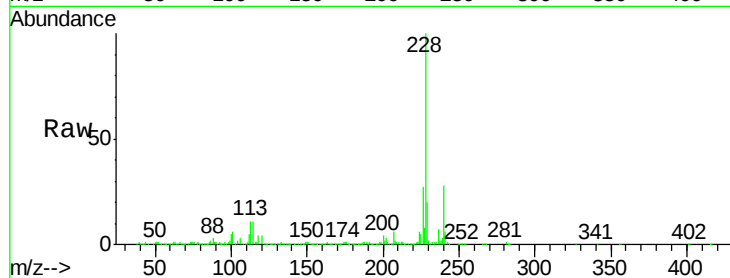
Tgt Ion:228 Resp: 980078

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

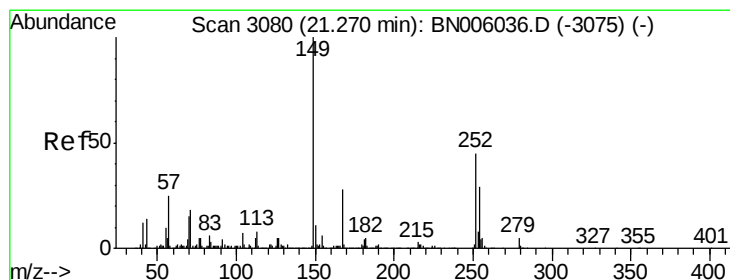
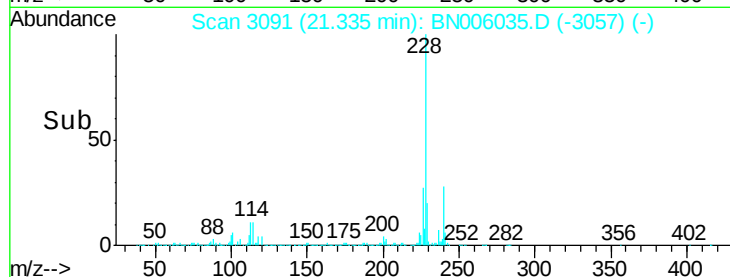
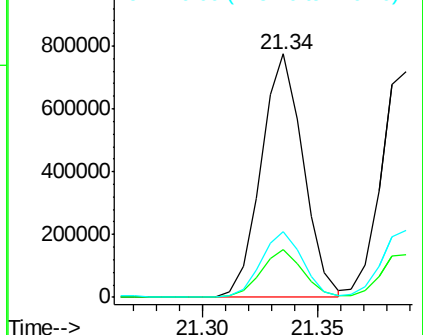
226 26.8 21.6 32.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 11.023 ng/ul

RT: 21.26 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

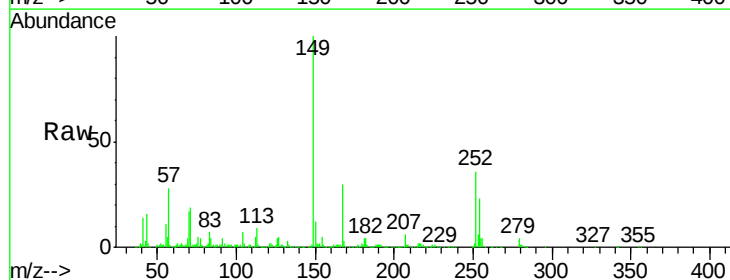
Tgt Ion:149 Resp: 717810

Ion Ratio Lower Upper

149 100

167 29.7 22.5 33.7

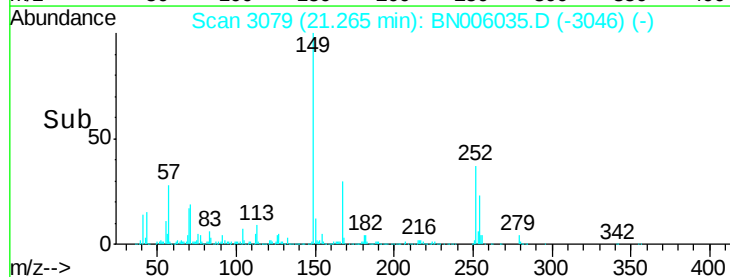
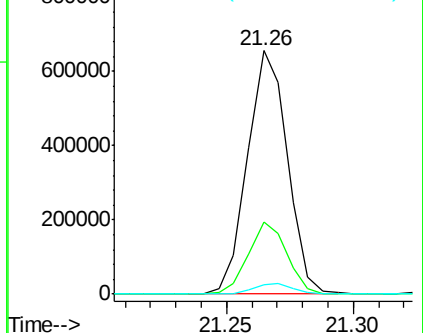
279 4.1 3.6 5.4

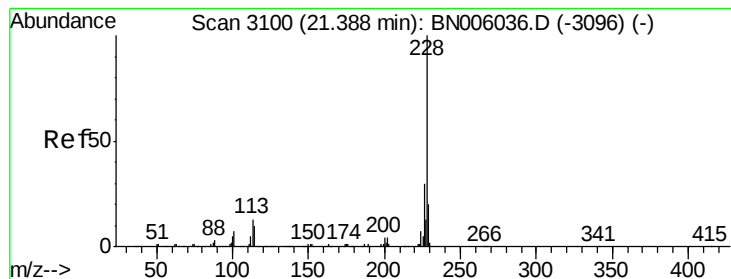


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 10.155 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

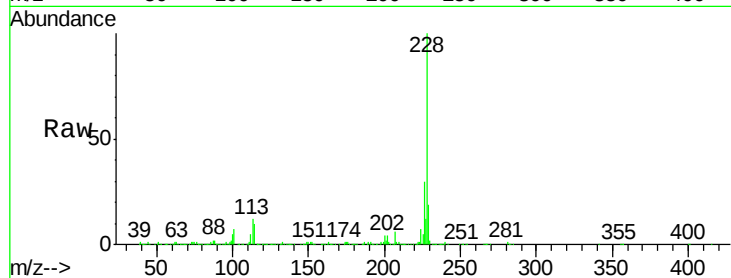
Tgt Ion:228 Resp: 939567

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

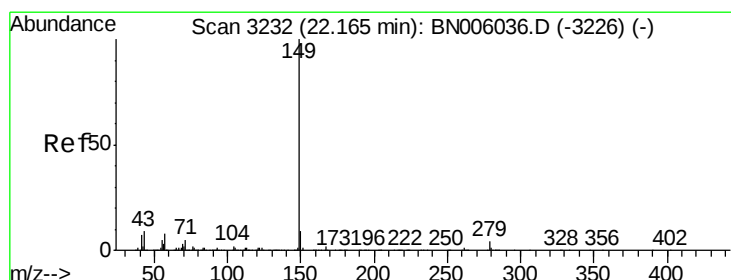
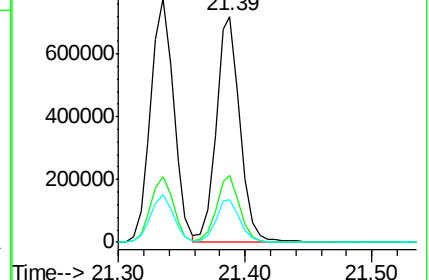
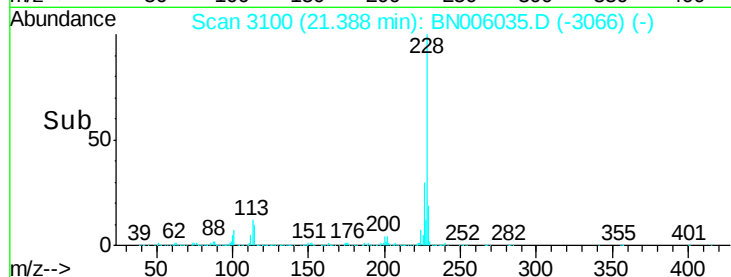
229 18.9 16.3 24.5



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



#86

Di-n-octyl phthalate

Concen: 12.183 ng/ul

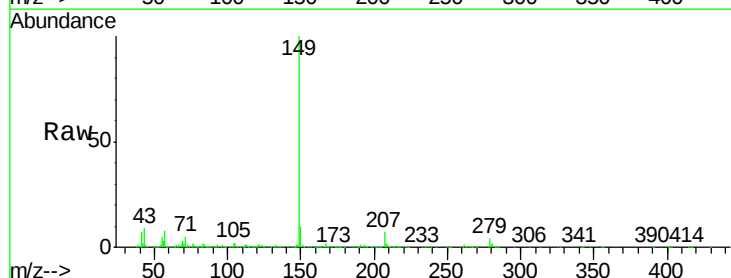
RT: 22.16 min Scan# 3232

Delta R.T. -0.00 min

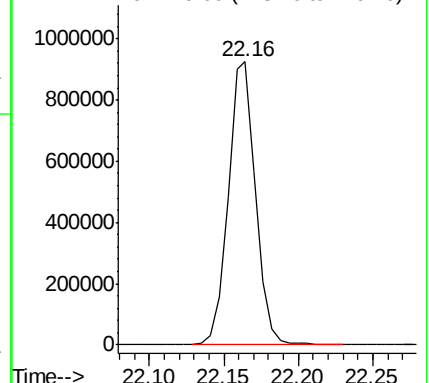
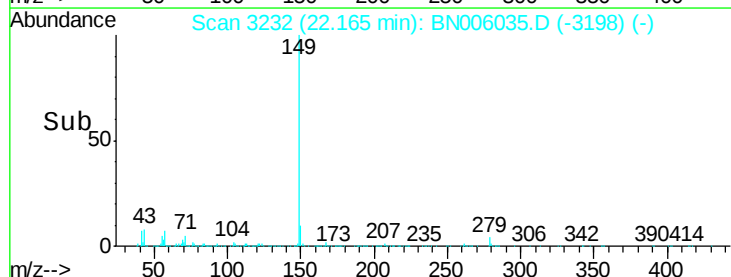
Lab File: BN006035.D

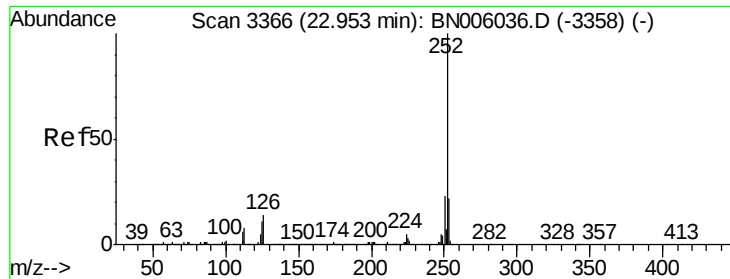
Acq: 03 Jun 2019 11:23

Tgt Ion:149 Resp: 1177219



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 9.826 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

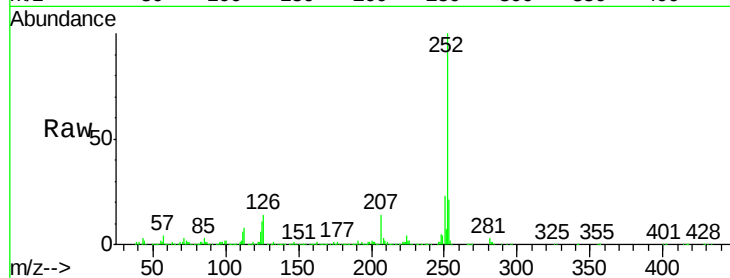
Instrument :

BNA\_N

ClientSampleId :

SSTD01089

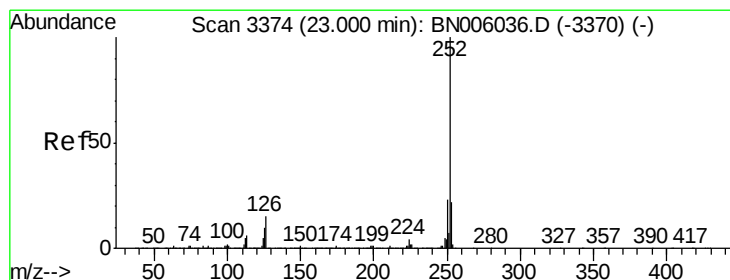
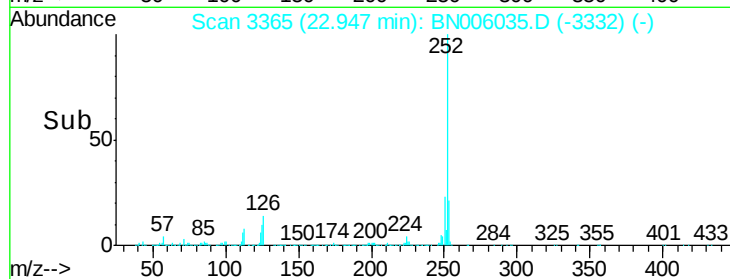
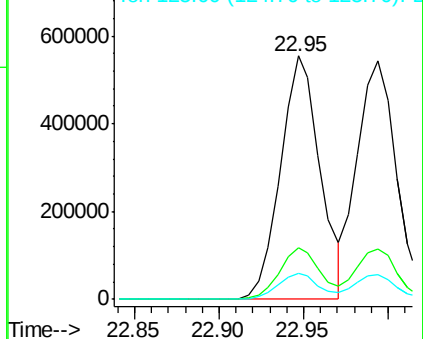
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 903755 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.4  | 17.3  | 25.9   |
| 125       | 10.6  | 8.5   | 12.7   |



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



#88

Benzo(k)fluoranthene

Concen: 10.488 ng/ul

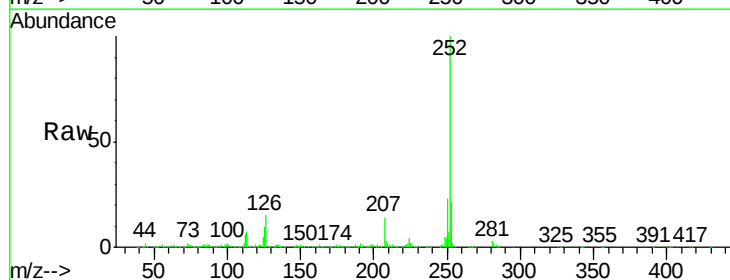
RT: 22.99 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

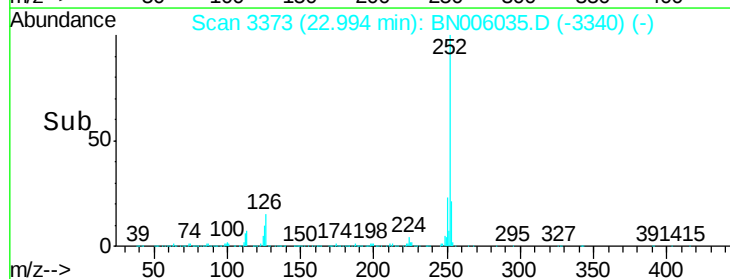
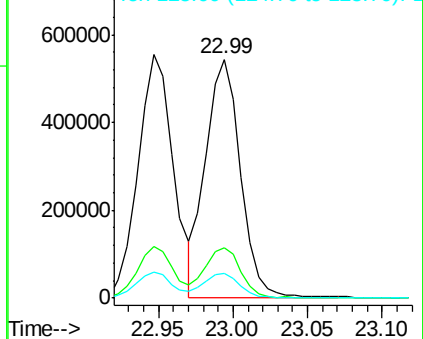
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 886966 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.3  | 17.5  | 26.3   |
| 125       | 10.5  | 8.2   | 12.4   |

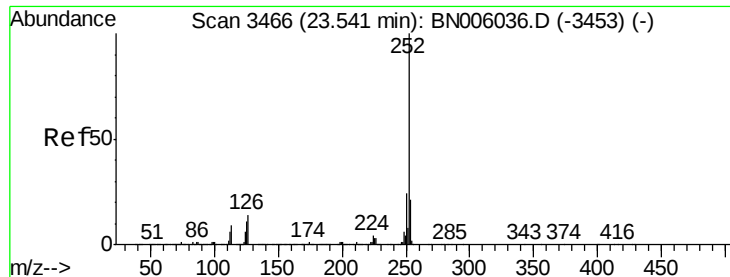


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 9.892 ng/ul

RT: 23.54 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

Instrument :

BNA\_N

ClientSampleId :

SSTD01089

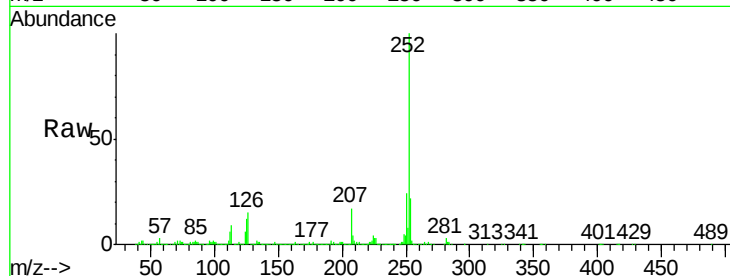
Tgt Ion:252 Resp: 858012

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

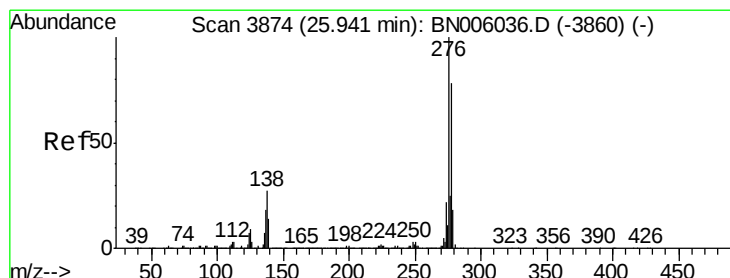
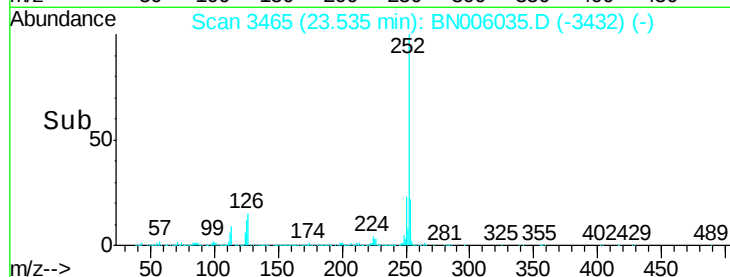
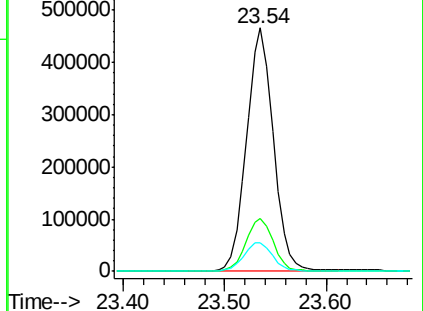
125 11.6 9.2 13.8



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 9.680 ng/ul

RT: 25.93 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BN006035.D

Acq: 03 Jun 2019 11:23

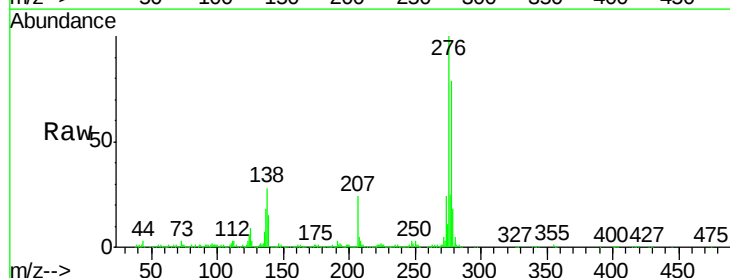
Tgt Ion:276 Resp: 985214

Ion Ratio Lower Upper

276 100

138 27.7 21.4 32.2

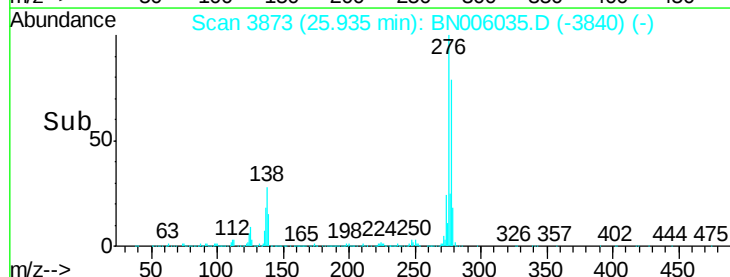
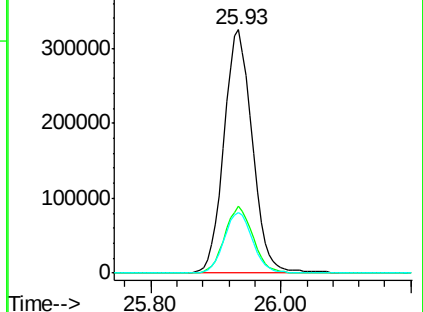
277 25.0 20.2 30.2

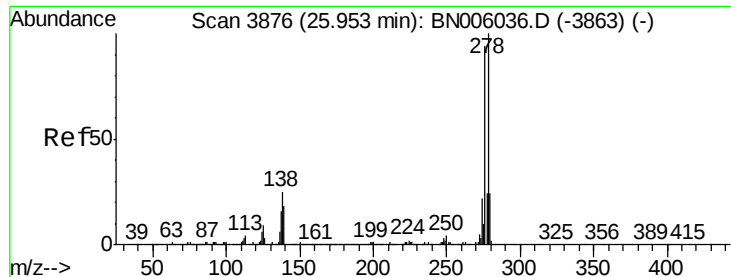


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

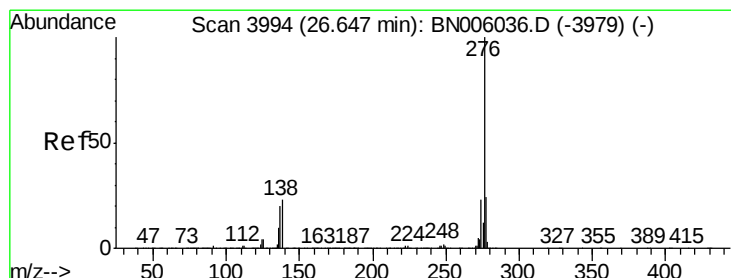
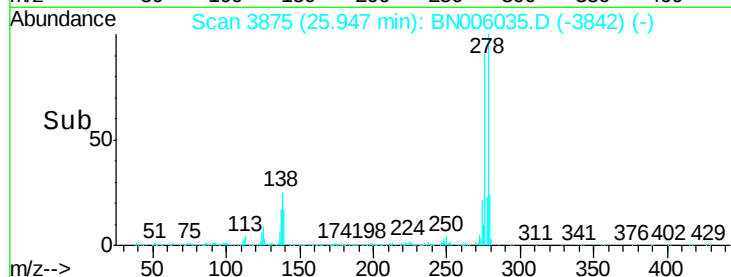
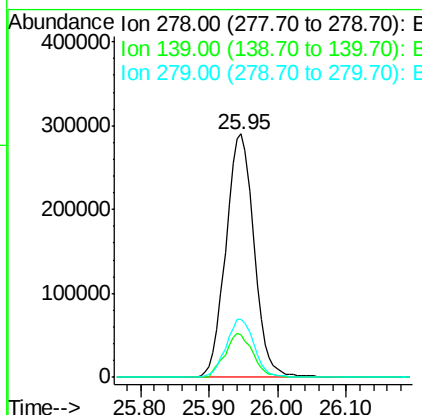
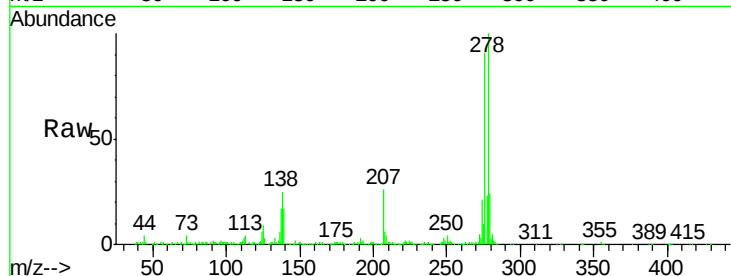




#92  
Dibenzo(a,h)anthracene  
Concen: 9.776 ng/ul  
RT: 25.95 min Scan# 3875  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD01089

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 14.2  | 21.2  |
| 279     | 23.8  | 19.4  | 29.0  |



#93  
Benzo(g,h,i)perylene  
Concen: 9.381 ng/ul  
RT: 26.63 min Scan# 3992  
Delta R.T. -0.01 min  
Lab File: BN006035.D  
Acq: 03 Jun 2019 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.1  | 18.8  | 28.2  |
| 277     | 23.9  | 19.4  | 29.2  |

