

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN060319\  
 Data File : BN006038.D  
 Acq On : 03 Jun 2019 13:06  
 Operator : JU/SJ  
 Sample : SSTD08092  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD08092

Quant Time: Jun 03 14:06:24 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  | 409661   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 1844747  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 1072523  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 2295101  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.36 | 240  | 1452062  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.65 | 264  | 1585929  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 274663  | 29.50  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 2719685 | 74.90  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 1506230 | 72.71  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 2129646 | 76.99  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 2180622 | 74.40  | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 1077841 | 91.03  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 1223259 | 110.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 2132728 | 81.91  | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.66 | 131 | 2671025 | 78.25  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 5819244 | 73.60  | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 7275525 | 73.56  | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.61 | 143 | 1160520 | 80.65  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.38 | 176 | 4765653 | 71.87  | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 964744  | 103.13 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.24 | 188 | 6878231 | 70.42  | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.55 | 212 | 6460382 | 88.09  | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.51 | 264 | 5455820 | 77.10  | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 290995  | 29.510 | ng/uL 97  |
| 4) Benzaldehyde                | 6.87  | 77  | 1611217 | 64.275 | ng/ul 99  |
| 6) Phenol                      | 6.93  | 94  | 2766429 | 73.944 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.16  | 93  | 2113169 | 73.144 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.29  | 128 | 2154114 | 76.609 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.17  | 108 | 2129535 | 73.876 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.26  | 45  | 2828489 | 73.514 | ng/ul 99  |
| 14) Acetophenone               | 8.55  | 105 | 3131102 | 70.846 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.56  | 70  | 1602892 | 67.780 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.51  | 108 | 2298738 | 72.641 | ng/ul 100 |
| 17) Hexachloroethane           | 8.80  | 117 | 844257  | 75.289 | ng/ul 98  |
| 20) Nitrobenzene               | 8.93  | 77  | 2479099 | 82.027 | ng/ul 98  |
| 21) Isophorone                 | 9.46  | 82  | 4754608 | 72.262 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.64  | 139 | 1268764 | 98.299 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.70  | 107 | 2475182 | 76.539 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.94  | 93  | 2931523 | 73.198 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.17 | 162 | 2070972 | 80.346 | ng/ul 98  |
| 28) Naphthalene                | 10.57 | 128 | 6549412 | 74.807 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.68 | 127 | 2654089 | 77.504 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 1202406 | 83.945 | ng/ul 99  |
| 32) Caprolactam                | 11.48 | 113 | 491540  | 47.780 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.82 | 107 | 2397098 | 77.129 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.19 | 142 | 4687419 | 72.681 | ng/ul 99  |

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 SSTD08092

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 13:55:55 2019  
 Response via : Initial Calibration

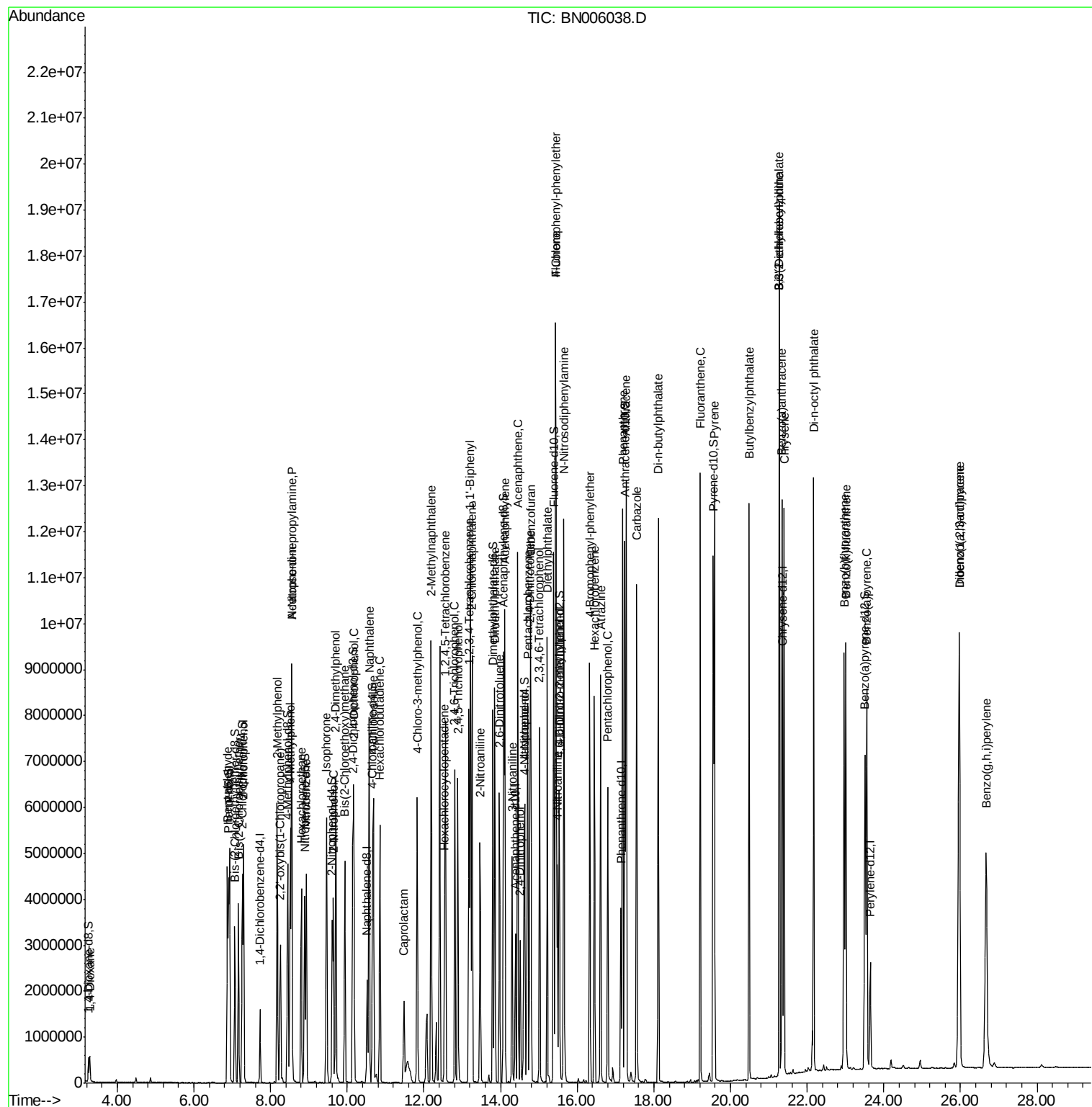
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 2385534  | 83.283  | ng/ul | 98       |
| 37) Hexachlorocyclopentadiene  | 12.54 | 237  | 954901   | 57.266  | ng/ul | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.81 | 196  | 1668817  | 88.540  | ng/ul | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.88 | 196  | 1799864  | 87.348  | ng/ul | 99       |
| 40) 1,1'-Biphenyl              | 13.21 | 154  | 5886862  | 74.005  | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.25 | 162  | 4629061  | 76.831  | ng/ul | 98       |
| 42) 2-Nitroaniline             | 13.47 | 65   | 1577195  | 98.964  | ng/ul | 97       |
| 44) Dimethylphthalate          | 13.85 | 163  | 5697685  | 72.099  | ng/ul | 99       |
| 45) 2,6-Dinitrotoluene         | 13.98 | 165  | 1328003  | 97.485  | ng/ul | 99       |
| 47) Acenaphthylene             | 14.11 | 152  | 6969261  | 71.855  | ng/ul | 99       |
| 48) 3-Nitroaniline             | 14.30 | 138  | 1273116  | 86.084  | ng/ul | 98       |
| 49) Acenaphthene               | 14.45 | 153  | 4748011  | 72.061  | ng/ul | 98       |
| 50) 2,4-Dinitrophenol          | 14.51 | 184  | 684824   | 112.963 | ng/ul | 99       |
| 52) 4-Nitrophenol              | 14.63 | 109  | 871726   | 77.287  | ng/ul | 98       |
| 53) Dibenzofuran               | 14.79 | 168  | 6606214  | 71.025  | ng/ul | 98       |
| 54) 2,4-Dinitrotoluene         | 14.77 | 165  | 1804826  | 88.881  | ng/ul | 99       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 1481638  | 87.482  | ng/ul | 99       |
| 56) Diethylphthalate           | 15.22 | 149  | 5716682  | 69.500  | ng/ul | 99       |
| 58) Fluorene                   | 15.44 | 166  | 4915805  | 67.291  | ng/ul | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.44 | 204  | 2468737  | 70.918  | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.48 | 138  | 1500341  | 83.778  | ng/ul | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 966286   | 93.923  | ng/ul | 95       |
| 64) N-Nitrosodiphenylamine     | 15.65 | 169  | 4728995  | 73.906  | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.33 | 248  | 1747932  | 82.006  | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.45 | 284  | 1856884  | 81.080  | ng/ul | 99       |
| 67) Atrazine                   | 16.62 | 200  | 1778230  | 78.561  | ng/ul | 99       |
| 68) Pentachlorophenol          | 16.79 | 266  | 1156085  | 85.808  | ng/ul | 99       |
| 69) Phenanthrene               | 17.19 | 178  | 8024625  | 70.569  | ng/ul | 98       |
| 71) Anthracene                 | 17.28 | 178  | 7995768  | 69.259  | ng/ul | 98       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216  | 2465938  | 86.581  | ng/uL | 98       |
| 73) Pentachlorobenzene         | 14.71 | 250  | 2215589  | 83.992  | ng/uL | 99       |
| 74) Carbazole                  | 17.55 | 167  | 7388141  | 71.038  | ng/ul | 99       |
| 75) Di-n-butylphthalate        | 18.11 | 149  | 9183501  | 67.562  | ng/ul | 98       |
| 76) Fluoranthene               | 19.21 | 202  | 8167055  | 67.278  | ng/ul | 99       |
| 79) Pyrene                     | 19.58 | 202  | 7756980  | 84.331  | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.49 | 149  | 3871950  | 93.670  | ng/ul | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 2021665  | 70.107  | ng/ul | 97       |
| 82) Benzo(a)anthracene         | 21.34 | 228  | 6804952  | 74.550  | ng/ul | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 4915120  | 82.032  | ng/ul | 98       |
| 84) Chrysene                   | 21.40 | 228  | 6360526  | 74.712  | ng/ul | 99       |
| 86) Di-n-octyl phthalate       | 22.17 | 149  | 8490723  | 90.736  | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.96 | 252  | 6850030  | 76.900  | ng/ul | 98       |
| 88) Benzo(k)fluoranthene       | 23.01 | 252  | 6155623  | 75.159  | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 6333203  | 75.394  | ng/ul | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 7391028  | 74.984  | ng/ul | 98       |
| 92) Dibenzo(a,h)anthracene     | 25.98 | 278  | 6184404  | 75.358  | ng/ul | 98       |
| 93) Benzo(g,h,i)perylene       | 26.67 | 276  | 6195646  | 74.631  | ng/ul | 97       |

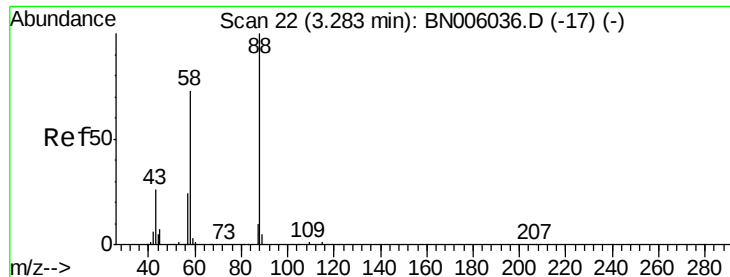
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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SSTD08092

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#2

1,4-Dioxane

Concen: 29.510 ng/uL

RT: 3.28 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

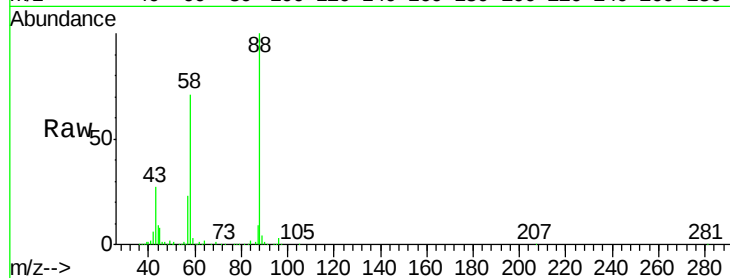
Tgt Ion: 88 Resp: 290995

Ion Ratio Lower Upper

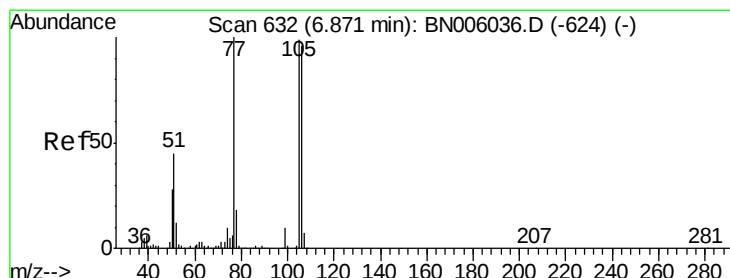
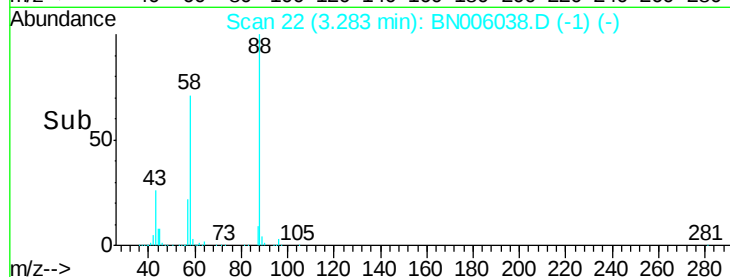
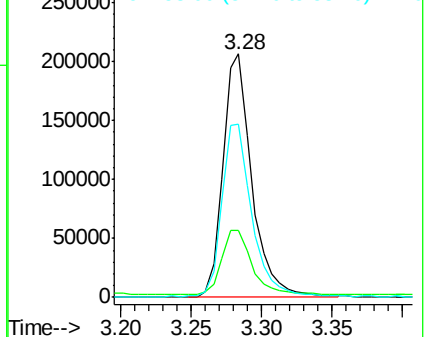
88 100

43 27.5 23.3 34.9

58 71.3 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: 64.275 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. 0.00 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

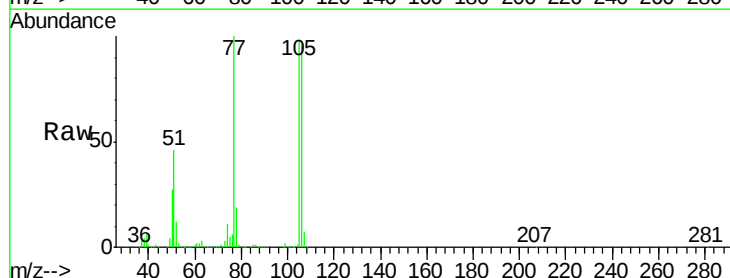
Tgt Ion: 77 Resp: 1611217

Ion Ratio Lower Upper

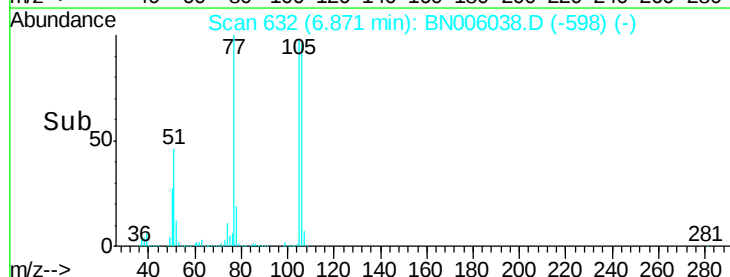
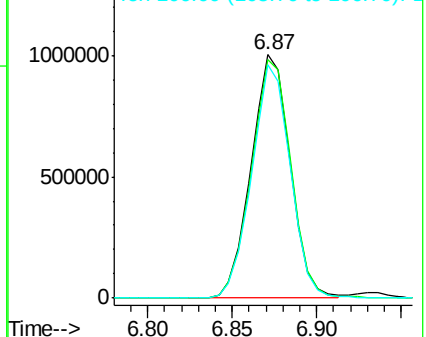
77 100

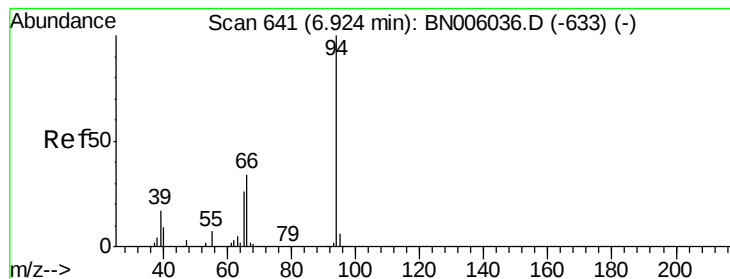
105 98.2 79.4 119.2

106 95.7 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





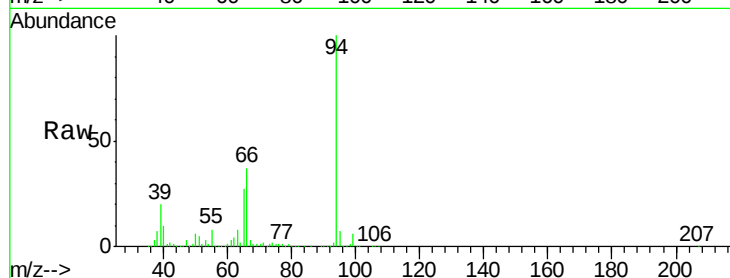
#6

Phenol

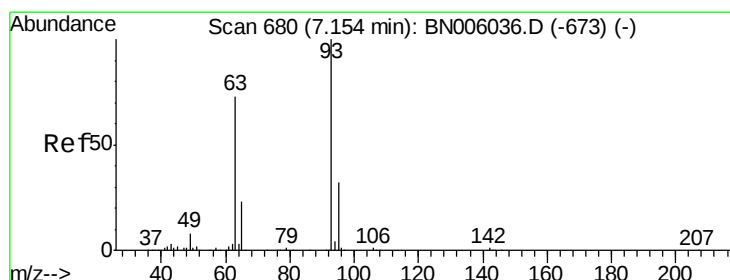
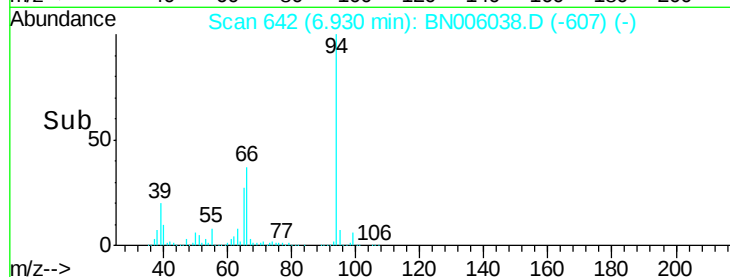
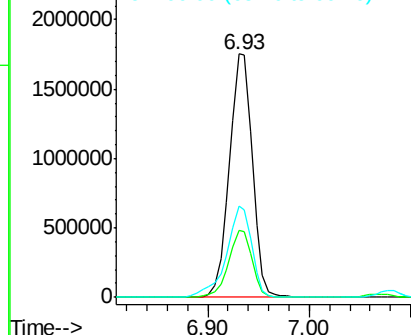
Concen: 73.944 ng/ul  
 RT: 6.93 min Scan# 642  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST08092

Tgt Ion: 94 Resp: 2766429  
 Ion Ratio Lower Upper  
 94 100  
 65 27.3 21.1 31.7  
 66 37.3 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

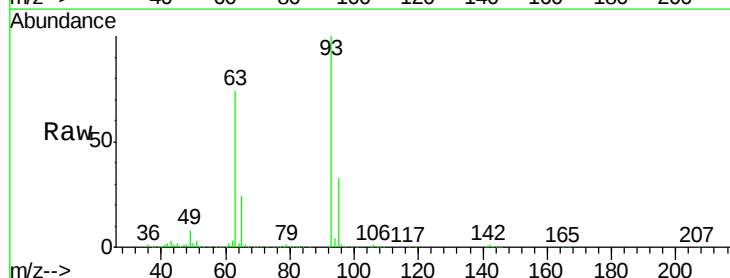


#8

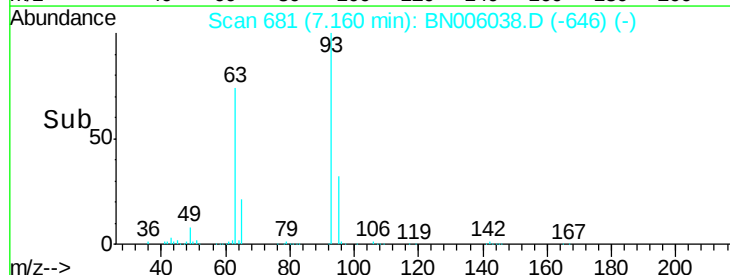
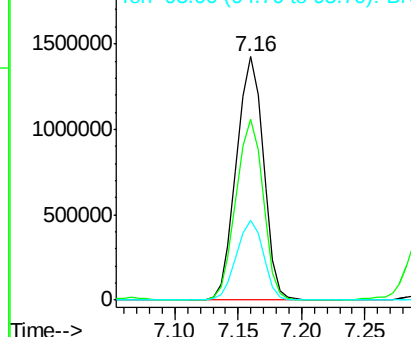
Bis(2-Chloroethyl)ether

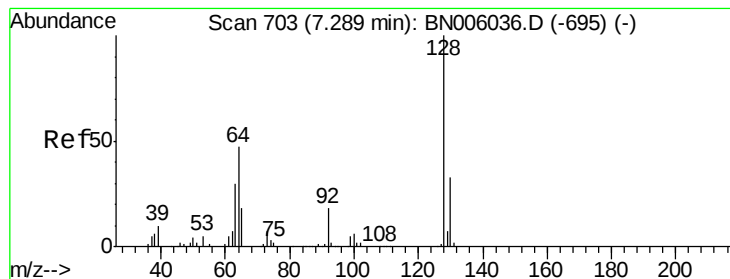
Concen: 73.144 ng/ul  
 RT: 7.16 min Scan# 681  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion: 93 Resp: 2113169  
 Ion Ratio Lower Upper  
 93 100  
 63 74.2 58.5 87.7  
 95 32.8 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





#10

2-Chlorophenol

Concen: 76.609 ng/ul

RT: 7.29 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

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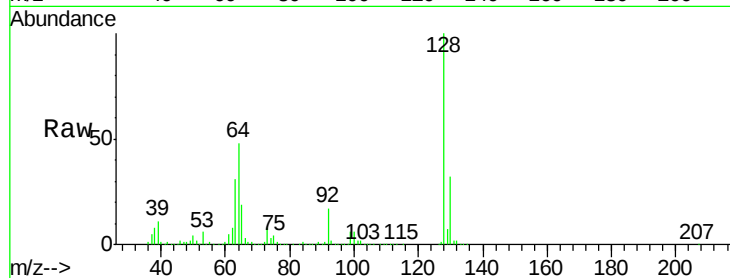
Tgt Ion:128 Resp: 2154114

Ion Ratio Lower Upper

128 100

64 47.9 38.7 58.1

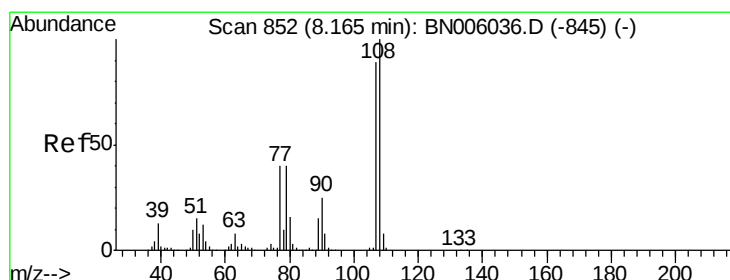
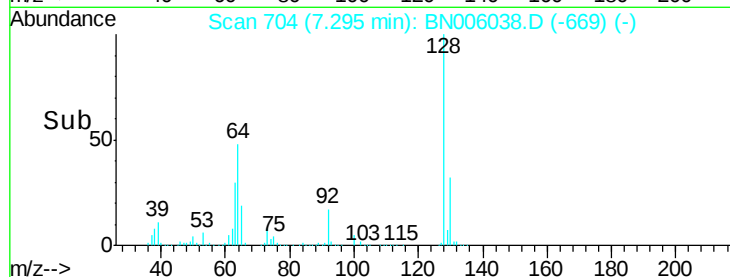
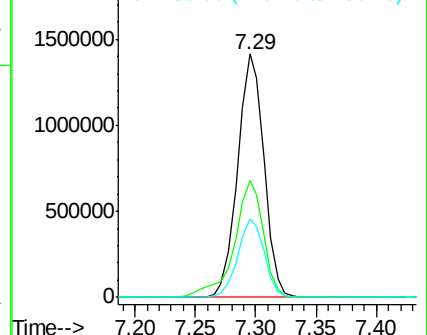
130 32.4 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 73.876 ng/ul

RT: 8.17 min Scan# 853

Delta R.T. 0.01 min

Lab File: BN006038.D

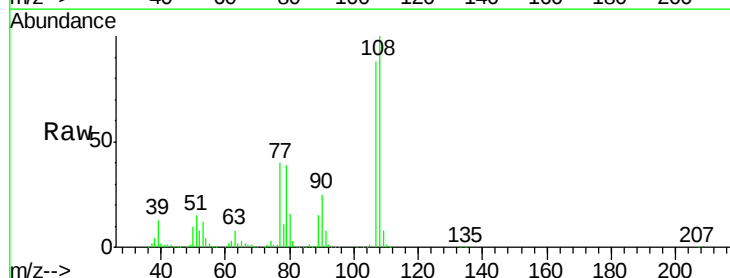
Acq: 03 Jun 2019 13:06

Tgt Ion:108 Resp: 2129535

Ion Ratio Lower Upper

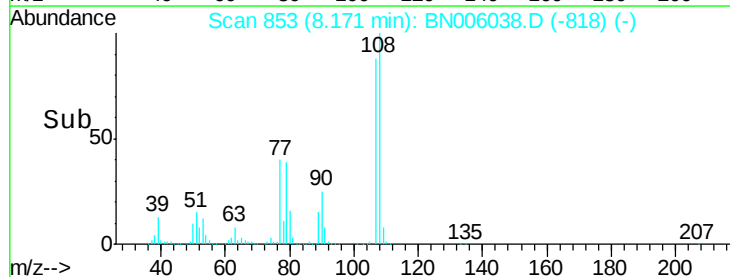
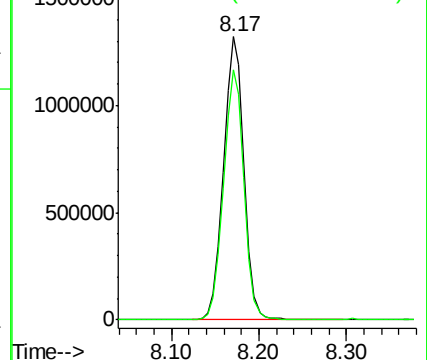
108 100

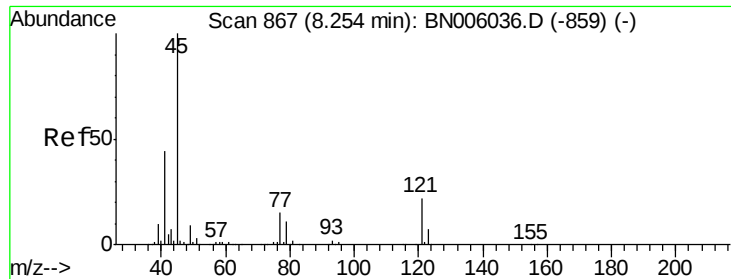
107 88.3 71.5 107.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

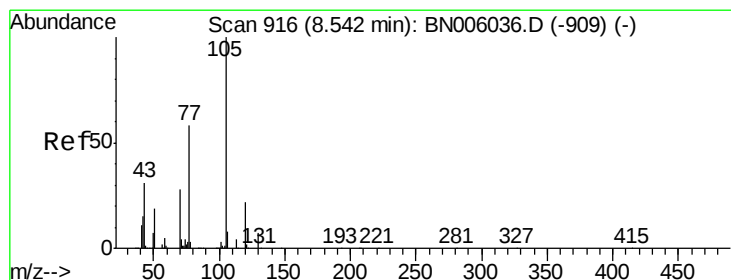
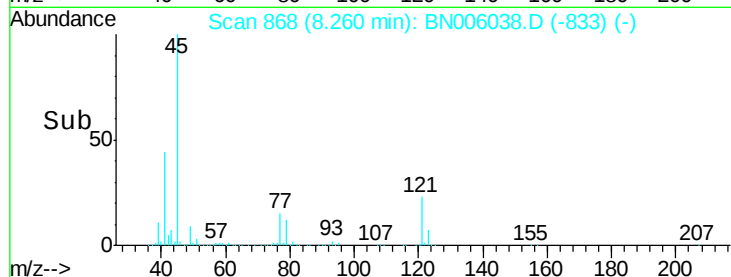
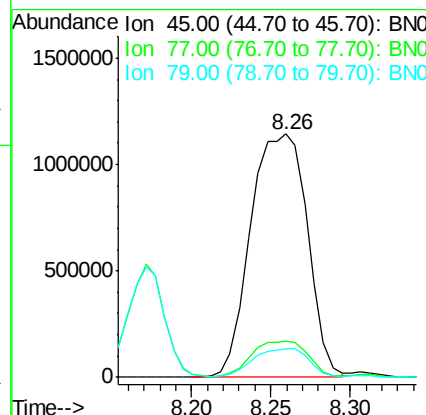
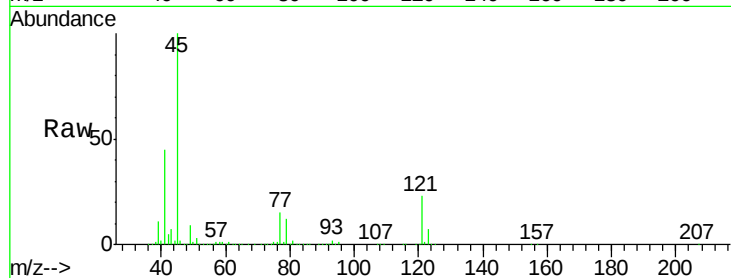




#12  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 73.514 ng/ul  
 RT: 8.26 min Scan# 868  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

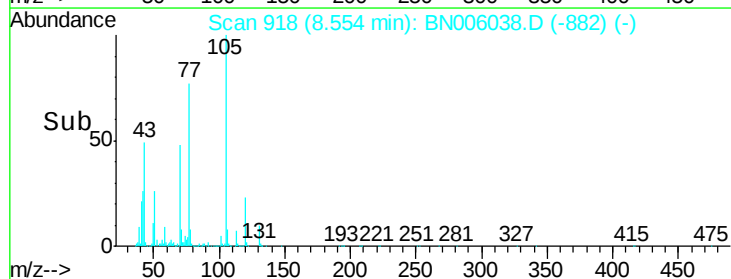
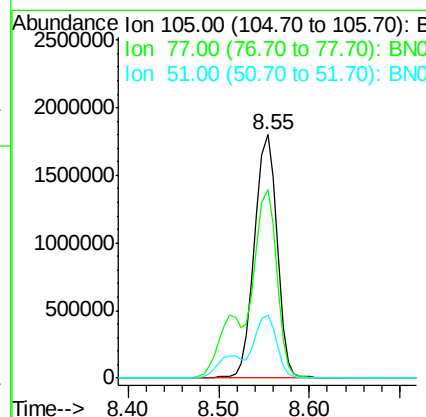
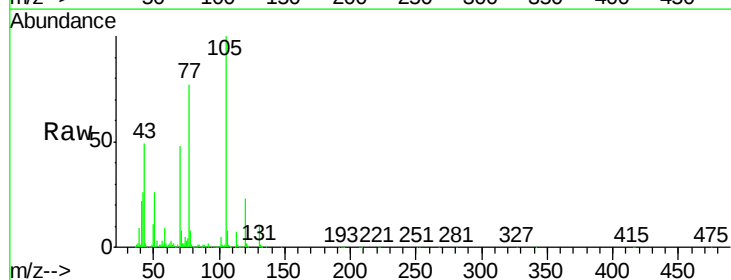
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST08092

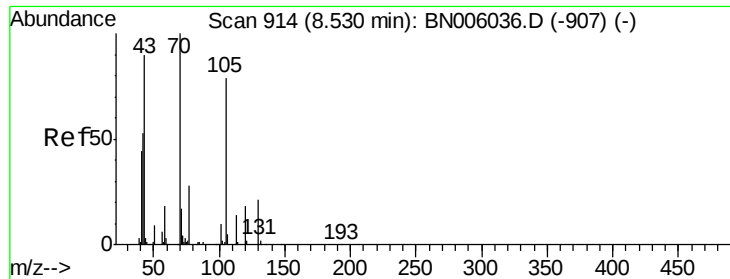
Tgt Ion: 45 Resp: 2828489  
 Ion Ratio Lower Upper  
 45 100  
 77 15.0 12.2 18.4  
 79 11.8 9.3 13.9



#14  
 Acetophenone  
 Concen: 70.846 ng/ul  
 RT: 8.55 min Scan# 918  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion: 105 Resp: 3131102  
 Ion Ratio Lower Upper  
 105 100  
 77 77.4 62.6 93.8  
 51 25.7 21.2 31.8

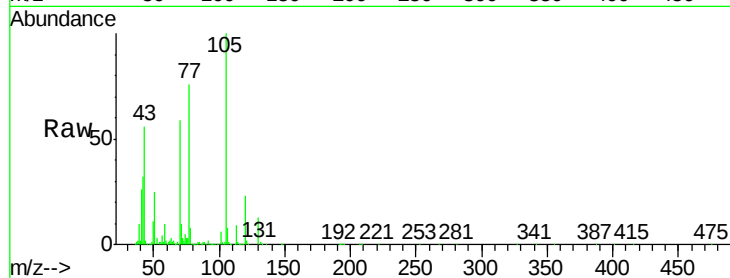




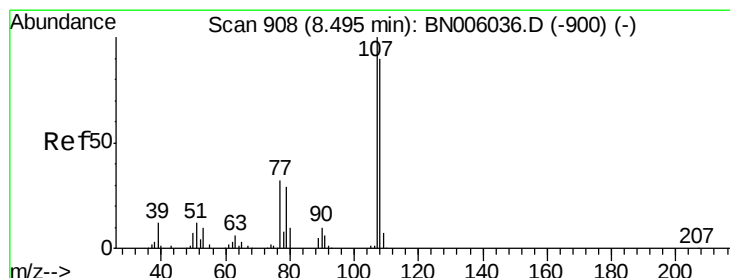
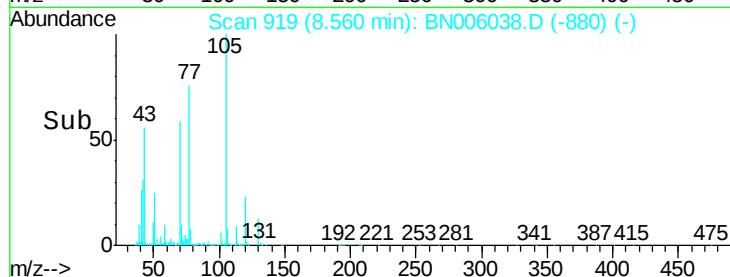
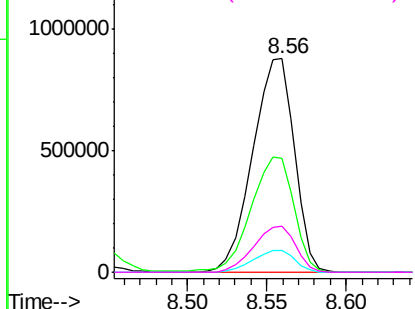
#15  
N-Nitroso-di-n-propylamine  
Concen: 67.780 ng/ul  
RT: 8.56 min Scan# 919  
Delta R.T. 0.03 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

Tgt Ion: 70 Resp: 1602892  
Ion Ratio Lower Upper  
70 100  
42 53.6 43.3 64.9  
101 10.5 7.8 11.8  
130 21.9 16.9 25.3

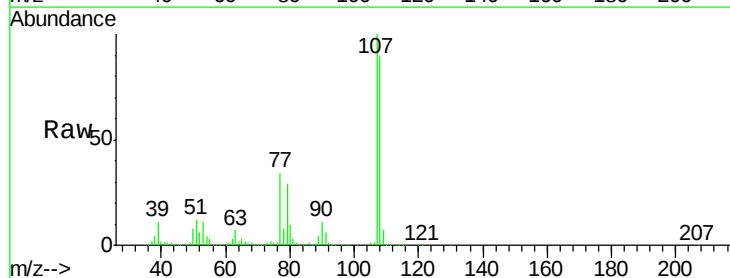


Abundance Ion 70.00 (69.70 to 70.70): BN006038.D (-880) (-)  
Ion 42.00 (41.70 to 42.70): BN006038.D (-880) (-)  
Ion 101.00 (100.70 to 101.70): BN006038.D (-880) (-)  
Ion 130.00 (129.70 to 130.70): BN006038.D (-880) (-)

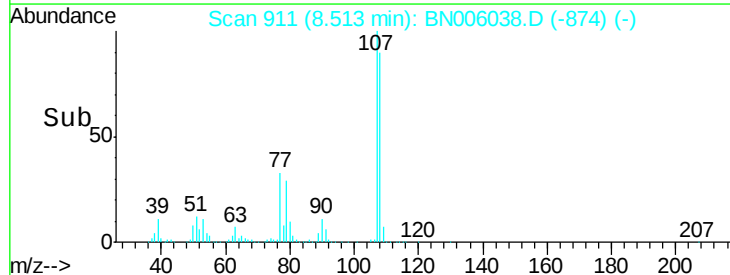
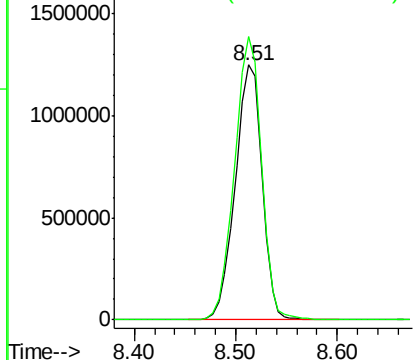


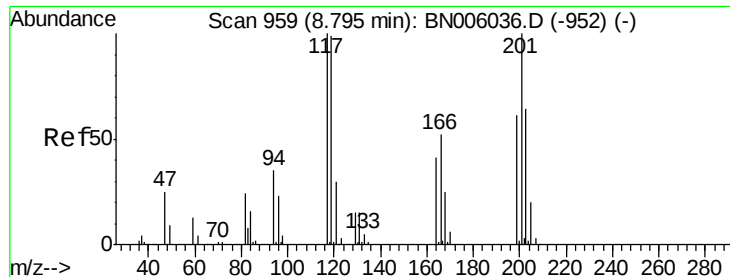
#16  
4-Methylphenol  
Concen: 72.641 ng/ul  
RT: 8.51 min Scan# 911  
Delta R.T. 0.02 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion: 108 Resp: 2298738  
Ion Ratio Lower Upper  
108 100  
107 111.1 89.2 133.8



Abundance Ion 108.00 (107.70 to 108.70): BN006038.D (-874) (-)  
Ion 107.00 (106.70 to 107.70): BN006038.D (-874) (-)





#17

Hexachloroethane

Concen: 75.289 ng/ul

RT: 8.80 min Scan# 960

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

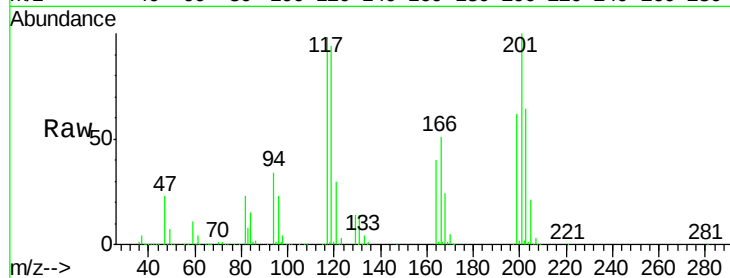
Tgt Ion:117 Resp: 844257

Ion Ratio Lower Upper

117 100

201 101.8 80.0 120.0

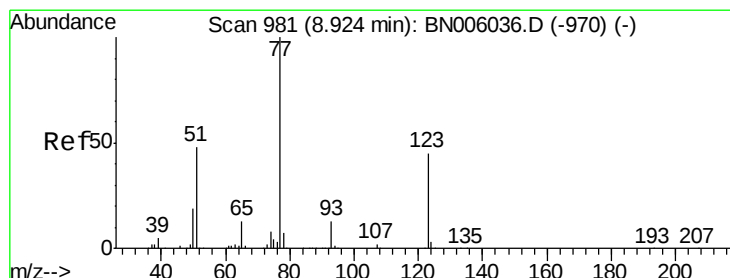
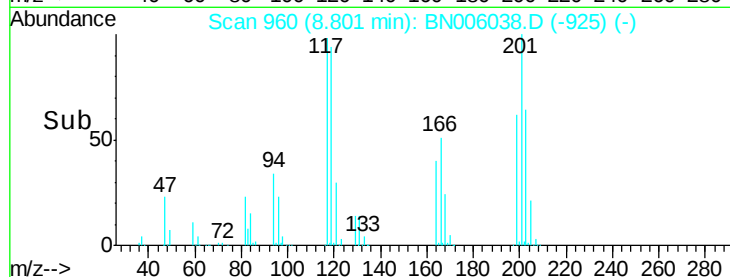
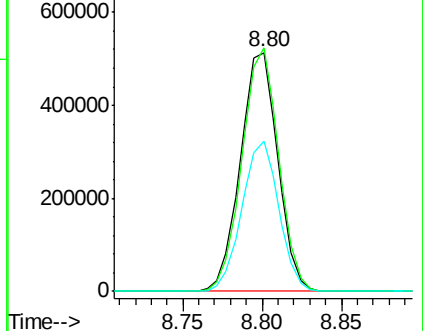
199 62.7 48.7 73.1



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: 82.027 ng/ul

RT: 8.93 min Scan# 982

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

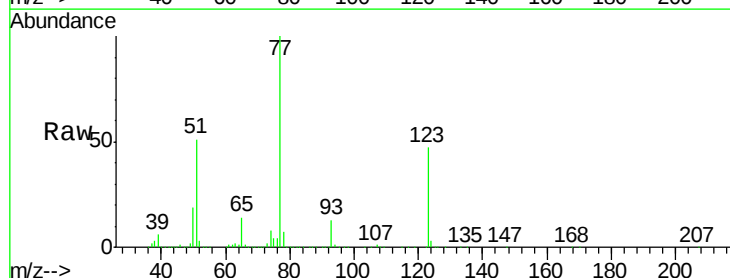
Tgt Ion: 77 Resp: 2479099

Ion Ratio Lower Upper

77 100

123 46.5 35.8 53.8

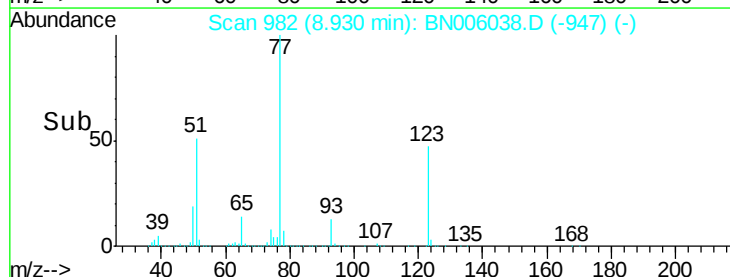
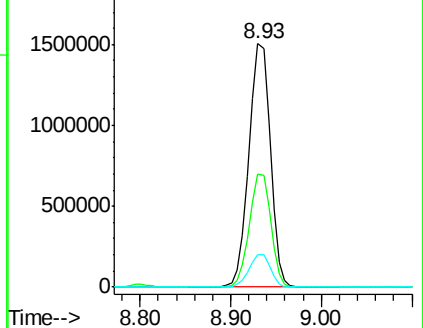
65 13.5 10.7 16.1

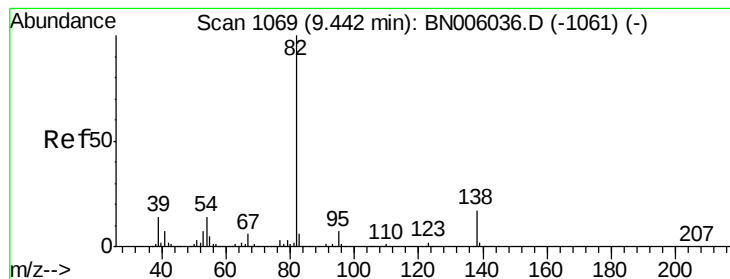


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 72.262 ng/ul

RT: 9.46 min Scan# 1072

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

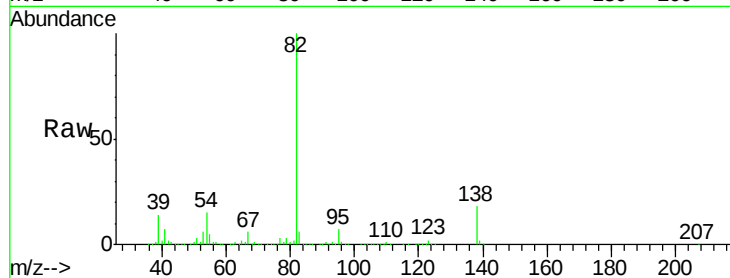
Tgt Ion: 82 Resp: 4754608

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 17.8 13.8 20.6

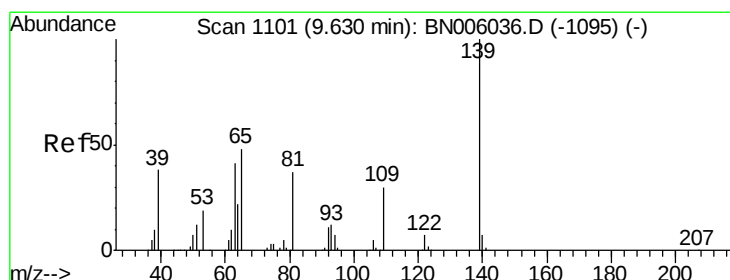
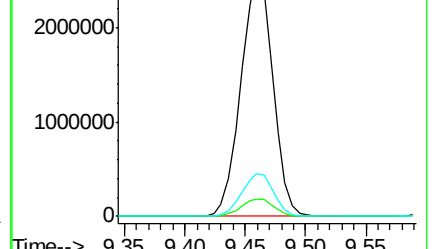
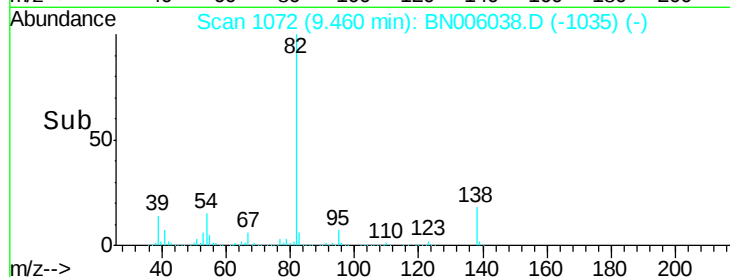


Abundance Ion 82.00 (81.70 to 82.70): BN006038.D (-1035) (-)

Ion 95.00 (94.70 to 95.70): BN006038.D (-1035) (-)

Ion 138.00 (137.70 to 138.70): BN006038.D (-1035) (-)

Time-->



#23

2-Nitrophenol

Concen: 98.299 ng/ul

RT: 9.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

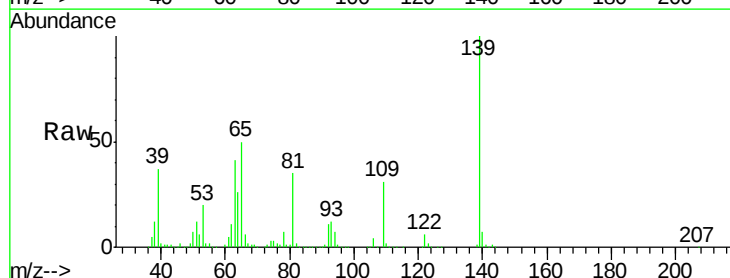
Tgt Ion: 139 Resp: 1268764

Ion Ratio Lower Upper

139 100

65 50.3 40.9 61.3

109 30.5 24.6 36.8

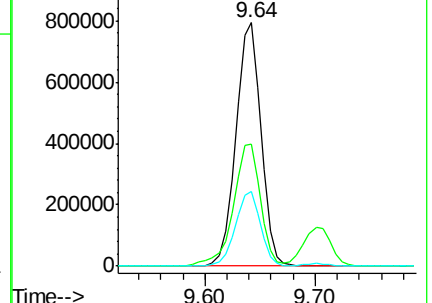
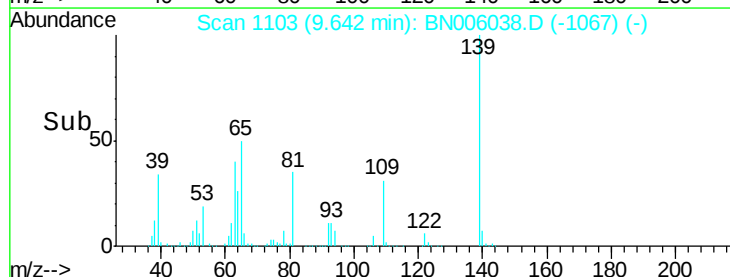


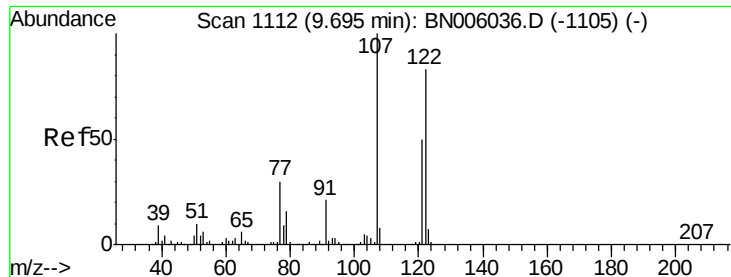
Abundance Ion 139.00 (138.70 to 139.70): BN006038.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BN006038.D (-1067) (-)

Ion 109.00 (108.70 to 109.70): BN006038.D (-1067) (-)

Time-->

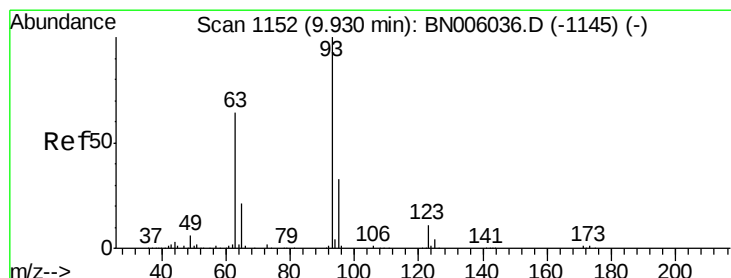
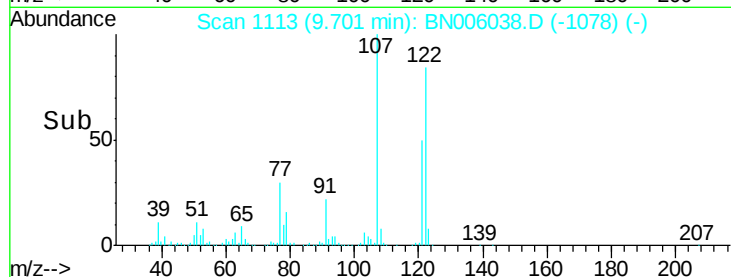
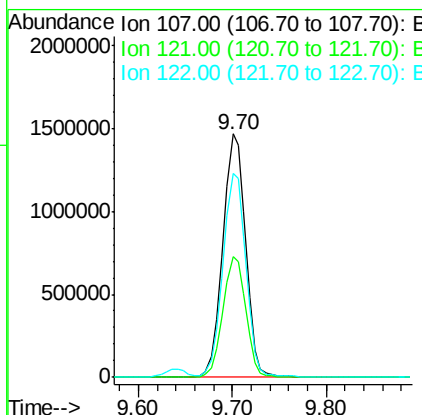
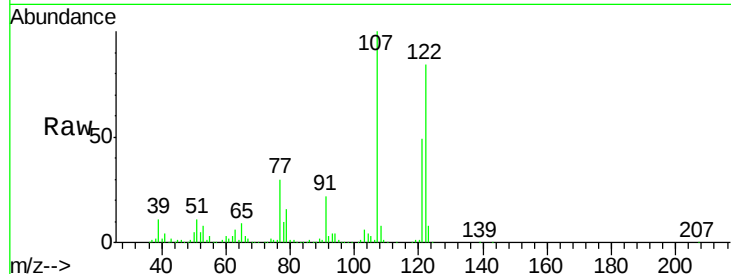




#24  
 2,4-Dimethylphenol  
 Concen: 76.539 ng/ul  
 RT: 9.70 min Scan# 1113  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

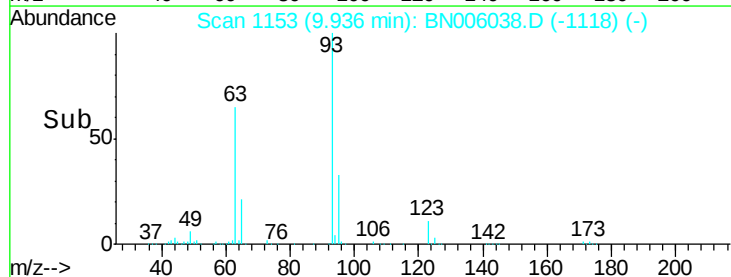
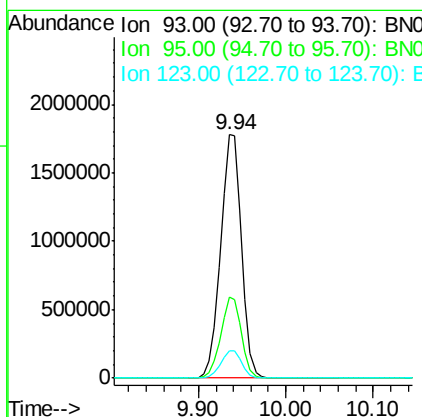
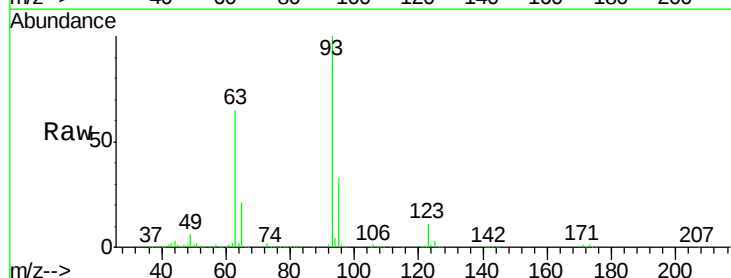
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD08092

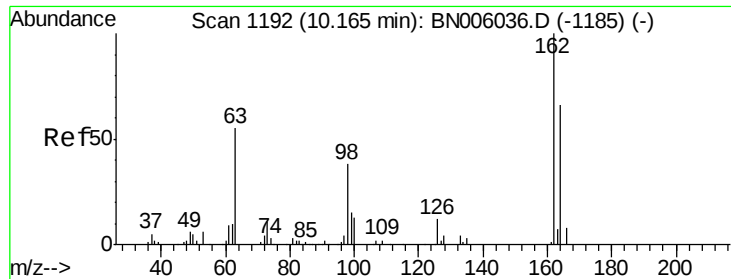
Tgt Ion: 107 Resp: 2475182  
 Ion Ratio Lower Upper  
 107 100  
 121 49.5 40.0 60.0  
 122 83.8 66.7 100.1



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 73.198 ng/ul  
 RT: 9.94 min Scan# 1153  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion: 93 Resp: 2931523  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.2 39.4  
 123 11.3 9.1 13.7

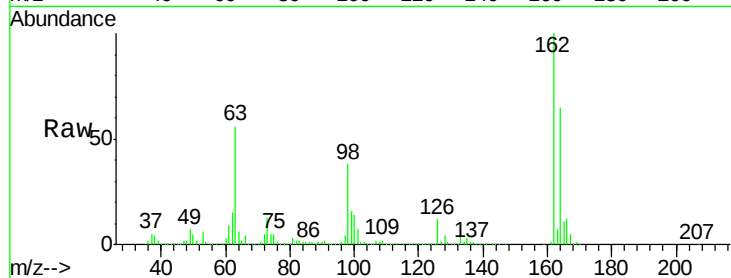




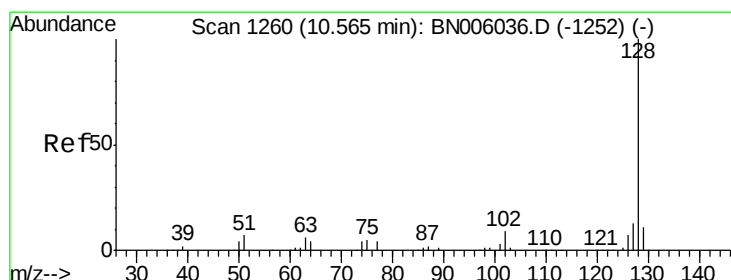
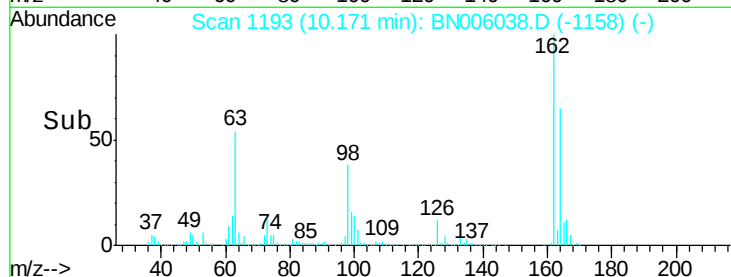
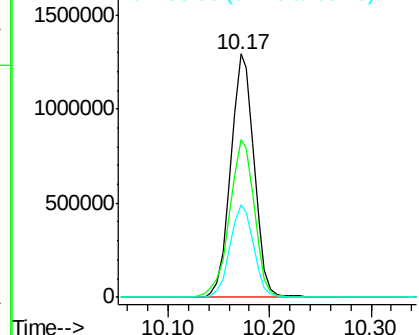
#27  
2,4-Dichlorophenol  
Concen: 80.346 ng/ul  
RT: 10.17 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

Tgt Ion:162 Resp: 2070972  
Ion Ratio Lower Upper  
162 100  
164 65.0 53.9 80.9  
98 38.0 30.7 46.1

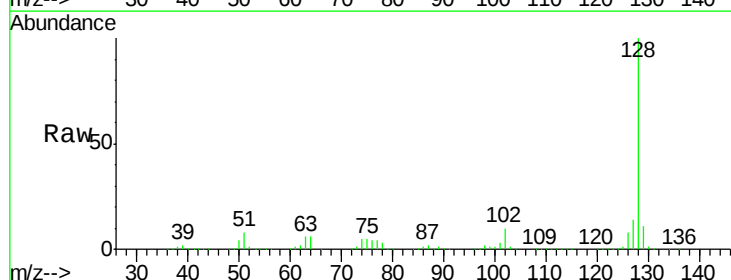


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BNC

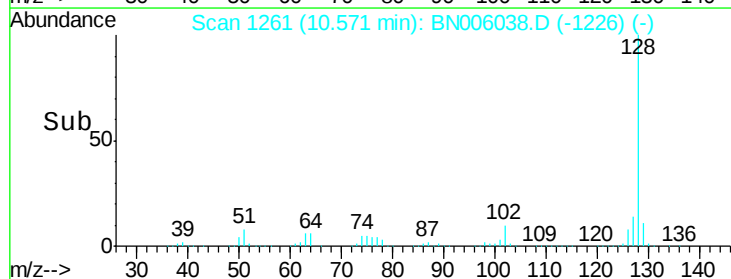
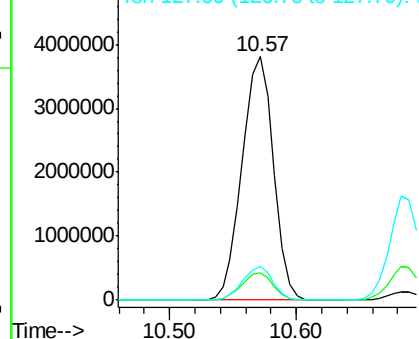


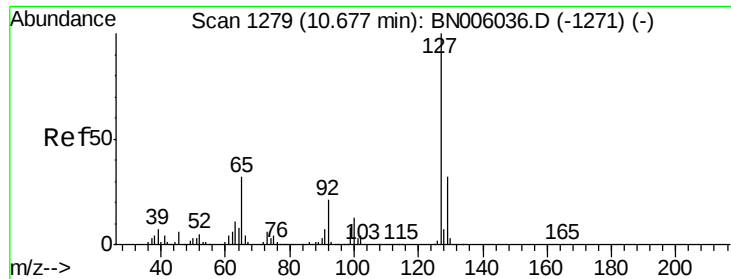
#28  
Naphthalene  
Concen: 74.807 ng/ul  
RT: 10.57 min Scan# 1261  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:128 Resp: 6549412  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.7 10.6 16.0



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

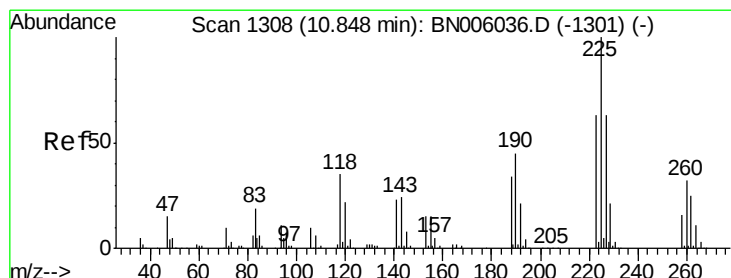
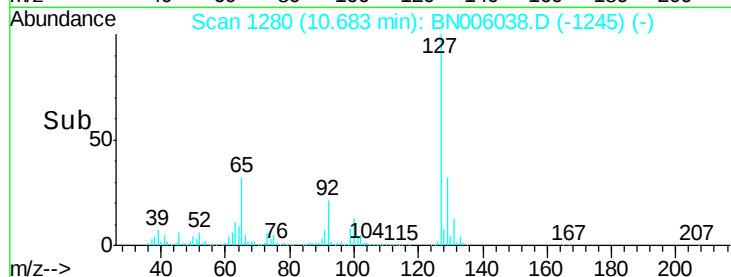
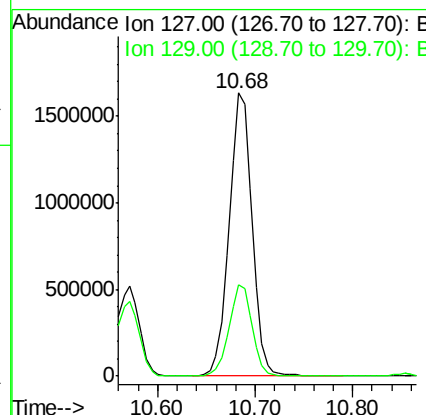
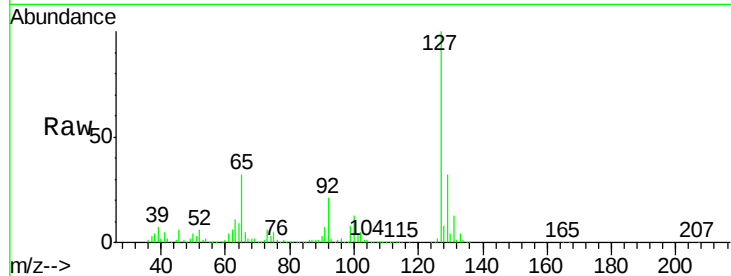




#30  
4-Chloroaniline  
Concen: 77.504 ng/ul  
RT: 10.68 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

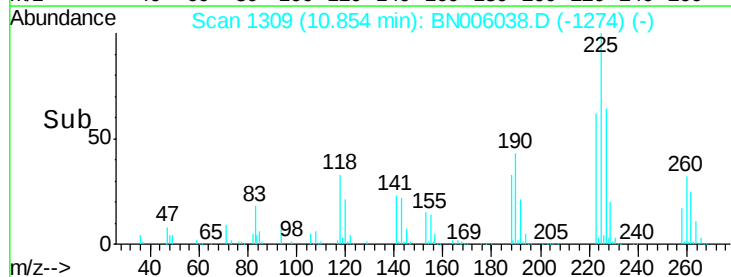
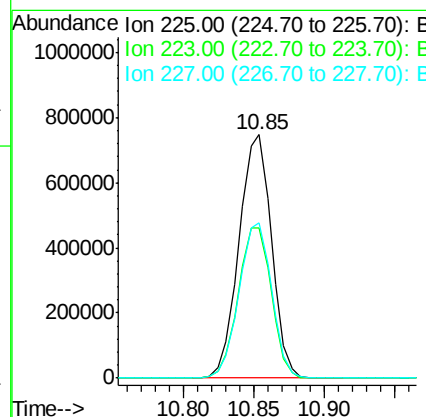
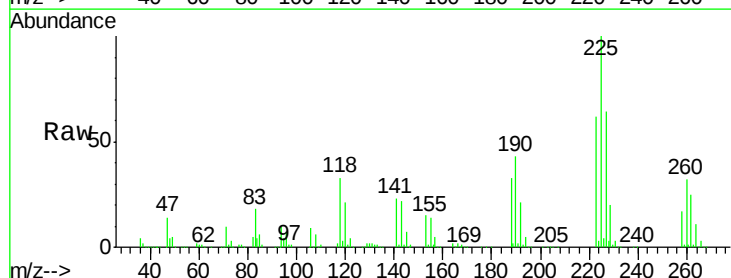
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

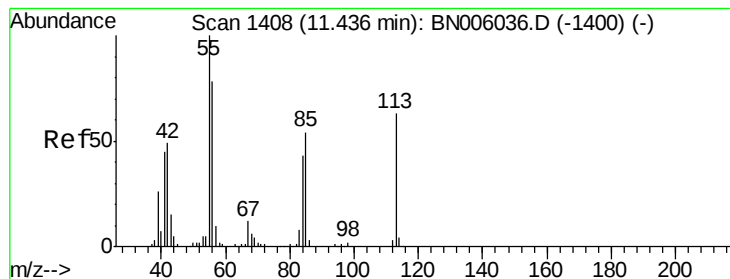
Tgt Ion:127 Resp: 2654089  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.8 38.8



#31  
Hexachlorobutadiene  
Concen: 83.945 ng/ul  
RT: 10.85 min Scan# 1309  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:225 Resp: 1202406  
Ion Ratio Lower Upper  
225 100  
223 61.7 50.1 75.1  
227 63.8 50.0 75.0





#32

Caprolactam

Concen: 47.780 ng/ul

RT: 11.48 min Scan# 1416

Delta R.T. 0.05 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

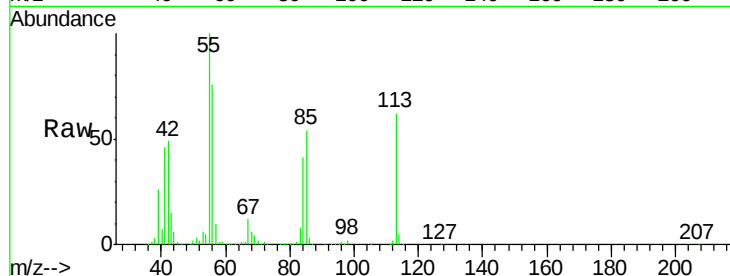
Tgt Ion:113 Resp: 491540

Ion Ratio Lower Upper

113 100

55 161.5 127.4 191.0

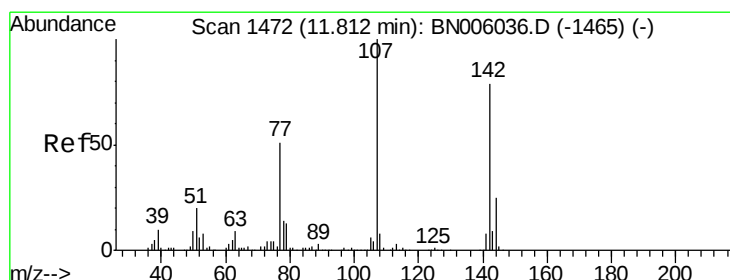
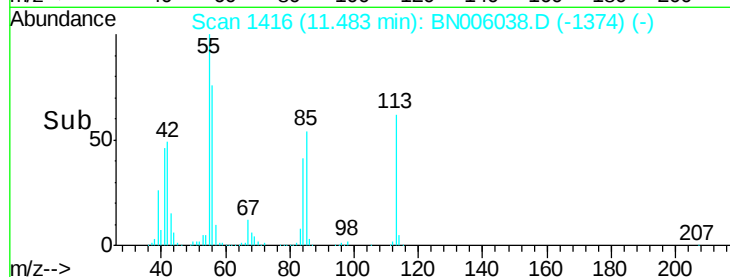
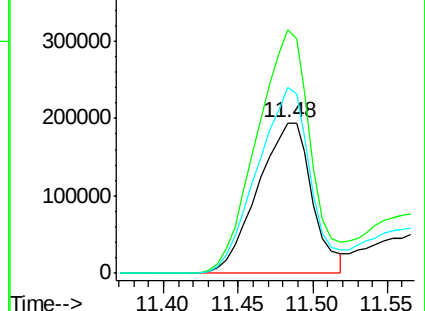
56 123.3 98.9 148.3



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: 77.129 ng/ul

RT: 11.82 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

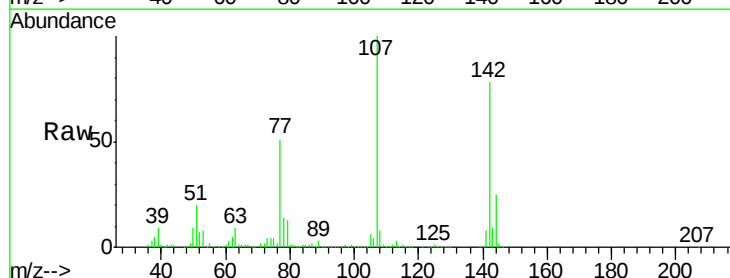
Tgt Ion:107 Resp: 2397098

Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

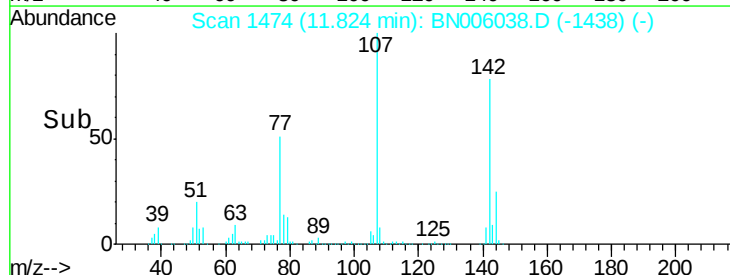
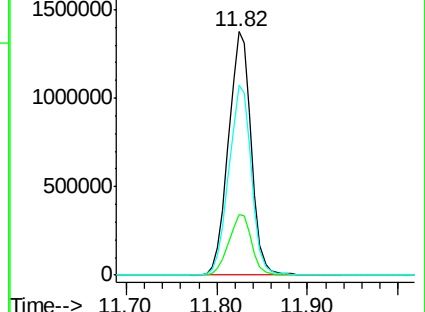
142 77.7 63.1 94.7

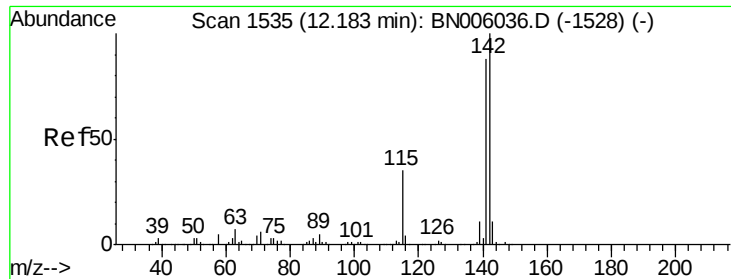


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

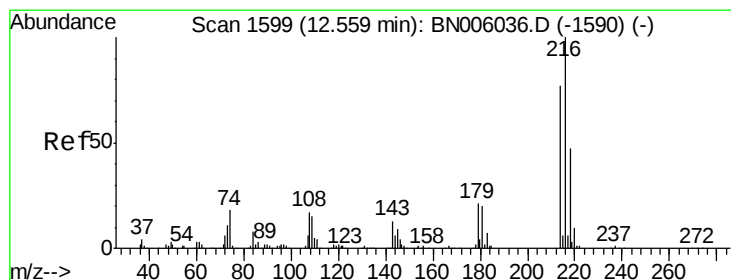
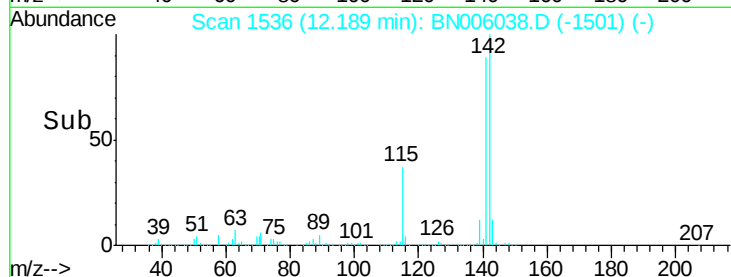
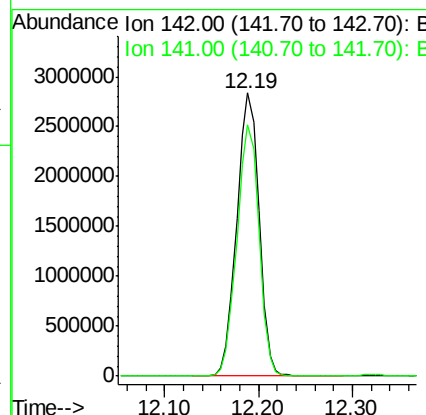
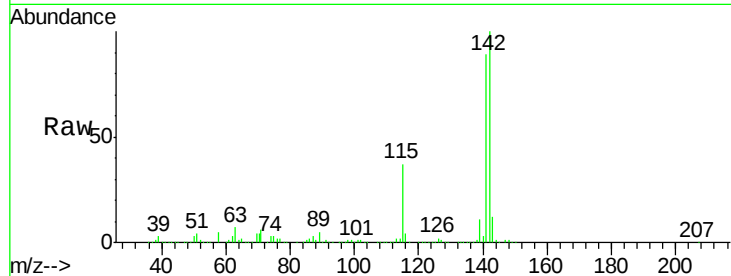




#34  
2-Methylnaphthalene  
Concen: 72.681 ng/ul  
RT: 12.19 min Scan# 1536  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

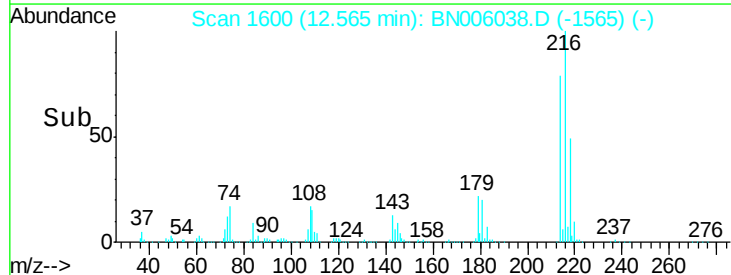
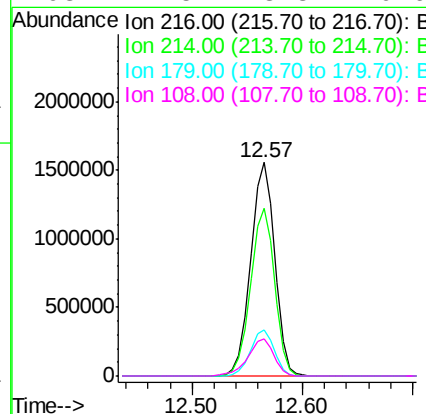
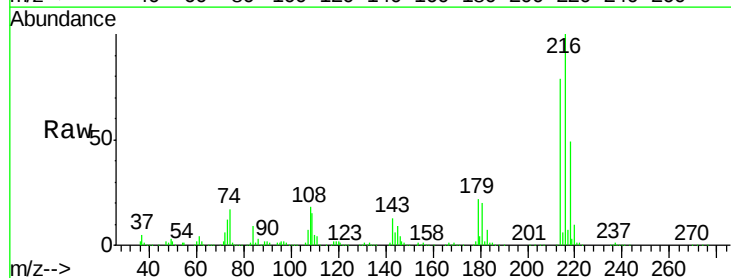
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

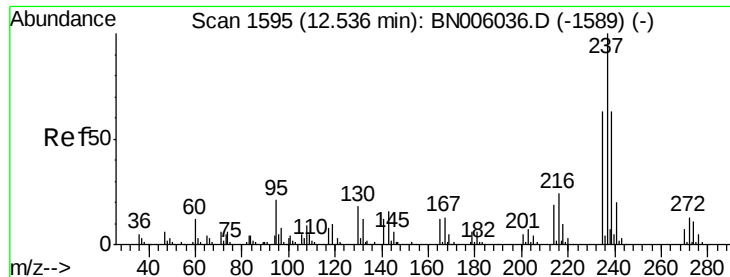
Tgt Ion:142 Resp: 4687419  
Ion Ratio Lower Upper  
142 100  
141 88.6 70.4 105.6



#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 83.283 ng/ul  
RT: 12.57 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:216 Resp: 2385534  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.8 92.8  
179 21.5 16.6 24.8  
108 17.5 13.8 20.6





#37

Hexachlorocyclopentadiene

Concen: 57.266 ng/ul

RT: 12.54 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

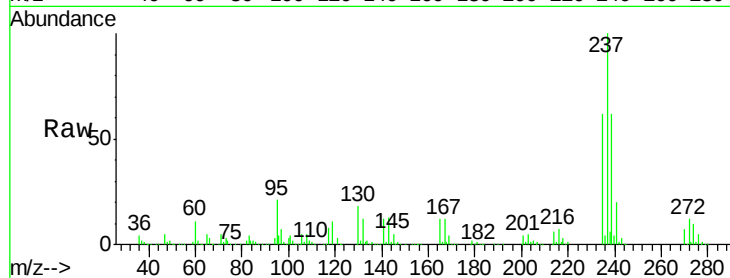
Tgt Ion:237 Resp: 954901

Ion Ratio Lower Upper

237 100

235 62.3 50.7 76.1

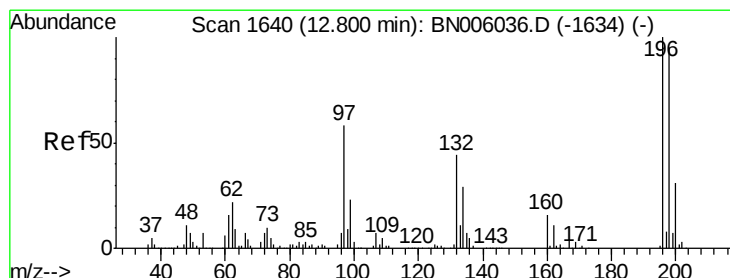
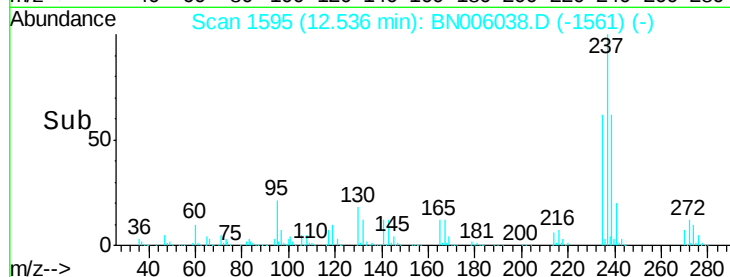
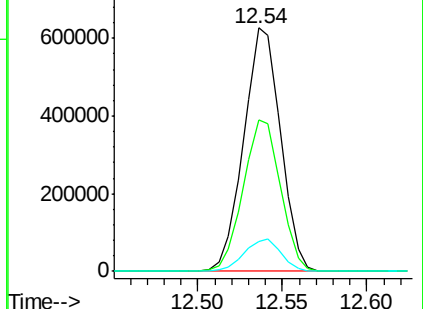
272 12.4 10.2 15.4



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: 88.540 ng/ul

RT: 12.81 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

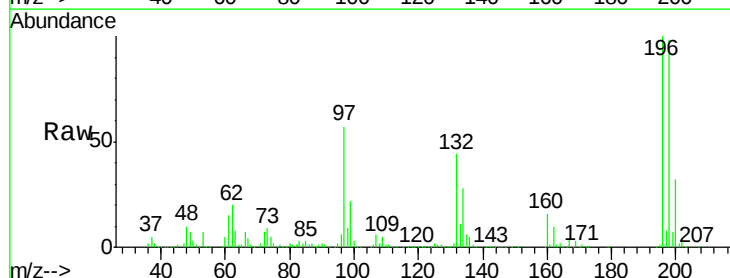
Tgt Ion:196 Resp: 1668817

Ion Ratio Lower Upper

196 100

198 98.2 76.2 114.2

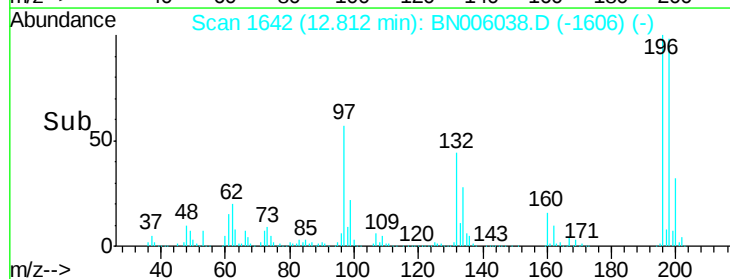
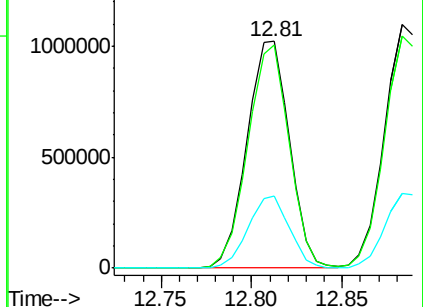
200 31.7 24.9 37.3

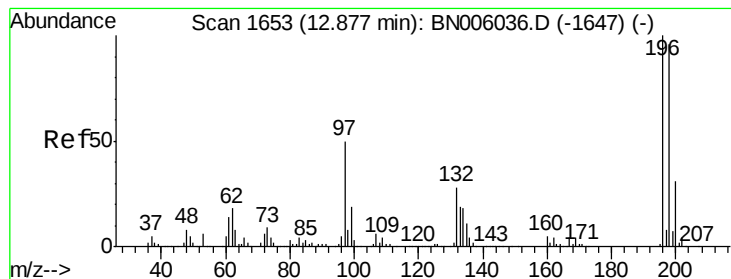


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

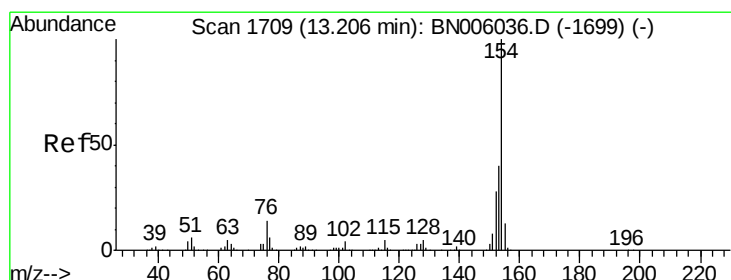
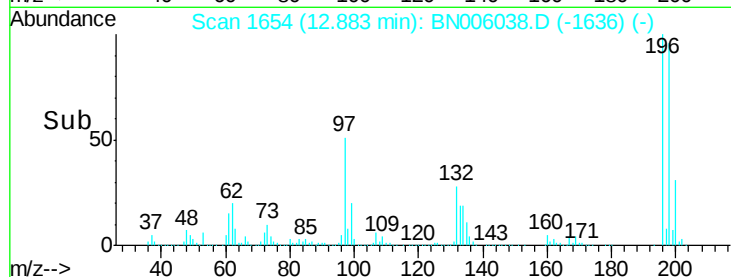
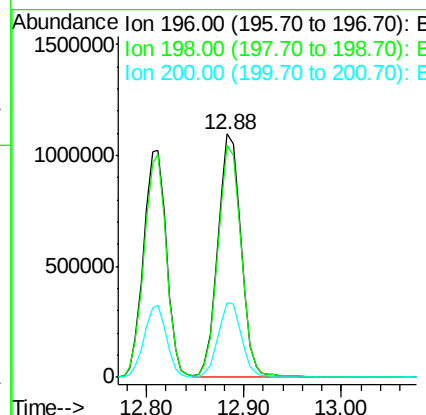
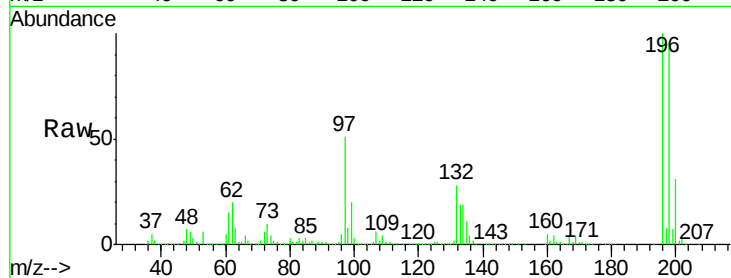




#39  
 2,4,5-Trichlorophenol  
 Concen: 87.348 ng/ul  
 RT: 12.88 min Scan# 1654  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

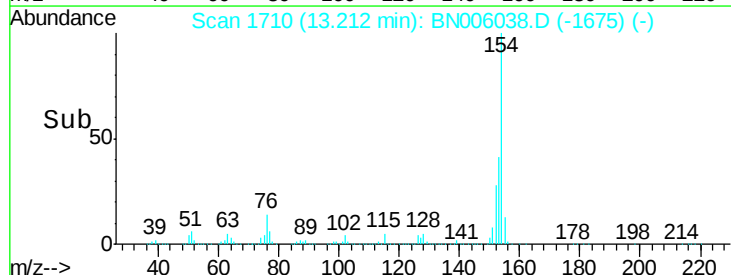
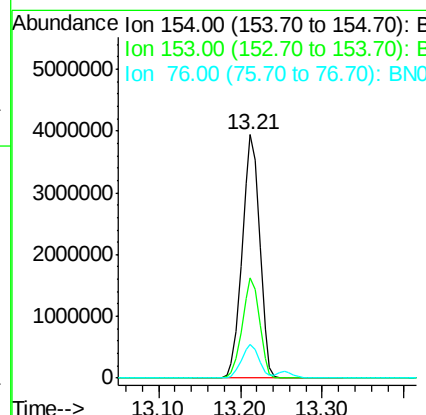
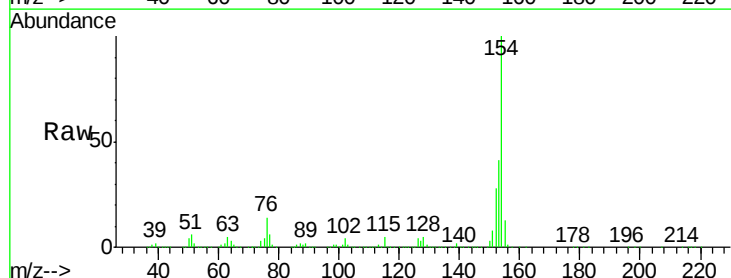
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST08092

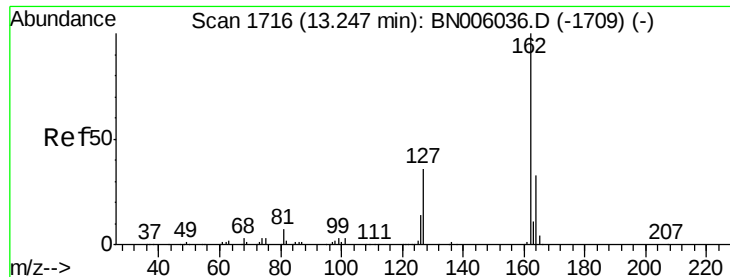
Tgt Ion:196 Resp: 1799864  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 76.9 115.3  
 200 30.6 24.8 37.2



#40  
 1,1'-Biphenyl  
 Concen: 74.005 ng/ul  
 RT: 13.21 min Scan# 1710  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:154 Resp: 5886862  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 32.3 48.5  
 76 14.1 11.0 16.6

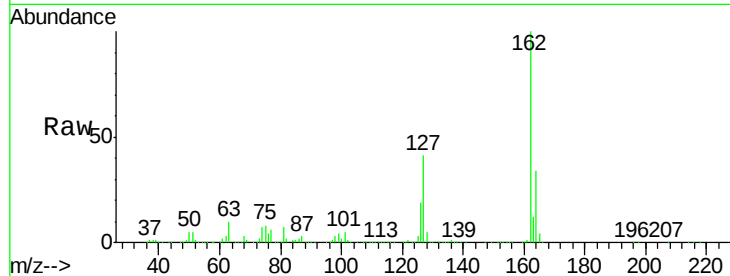




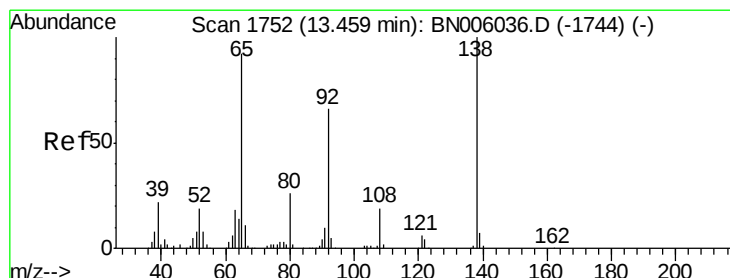
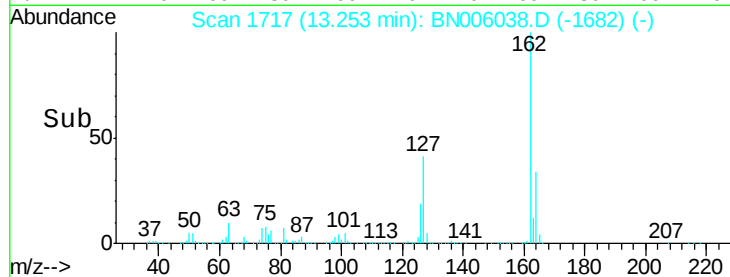
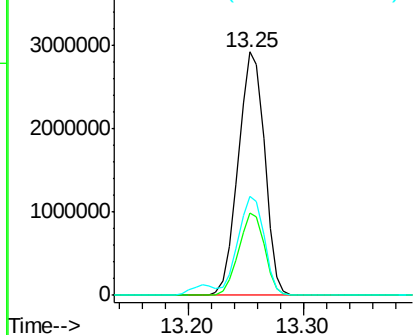
#41  
2-Chloronaphthalene  
Concen: 76.831 ng/ul  
RT: 13.25 min Scan# 1717  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

Tgt Ion: 162 Resp: 4629061  
Ion Ratio Lower Upper  
162 100  
164 33.6 26.4 39.6  
127 40.9 31.7 47.5

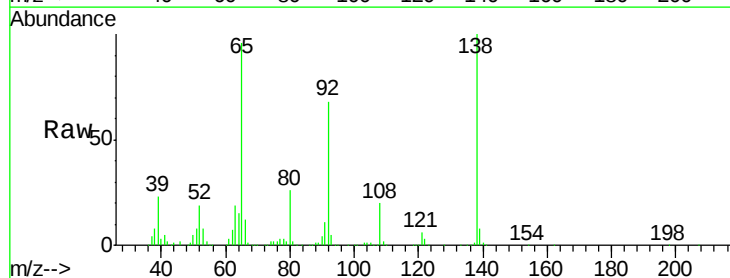


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

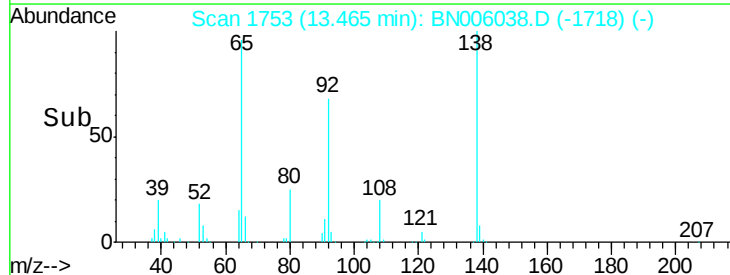
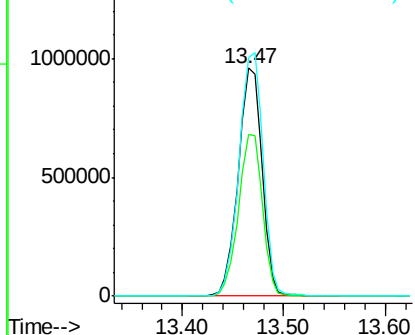


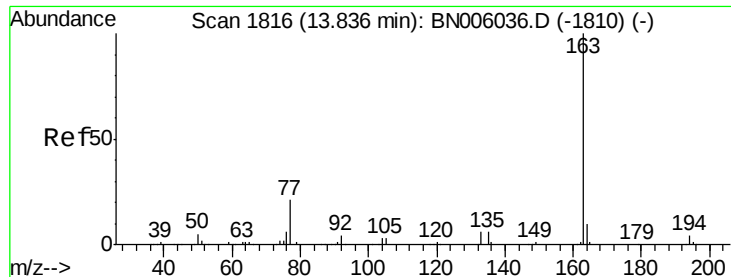
#42  
2-Nitroaniline  
Concen: 98.964 ng/ul  
RT: 13.47 min Scan# 1753  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion: 65 Resp: 1577195  
Ion Ratio Lower Upper  
65 100  
92 70.7 57.5 86.3  
138 104.3 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: 72.099 ng/ul

RT: 13.85 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

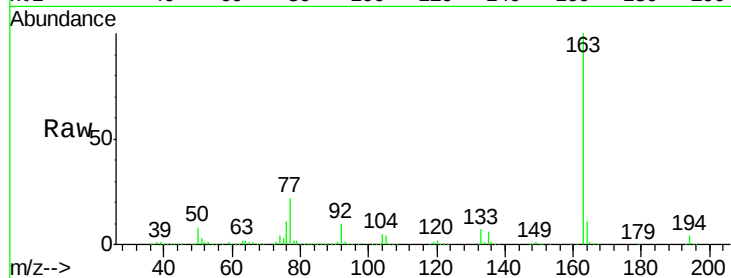
Tgt Ion:163 Resp: 5697685

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

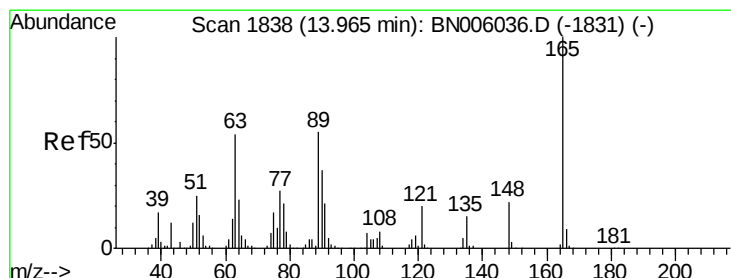
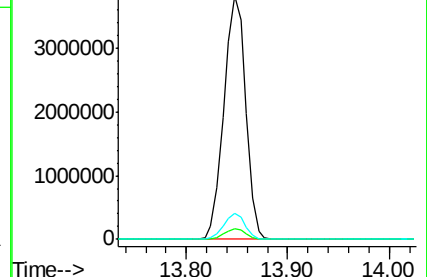
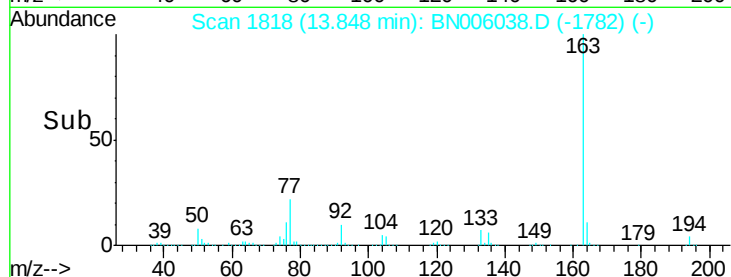
164 10.6 8.2 12.4



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: 97.485 ng/ul

RT: 13.98 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

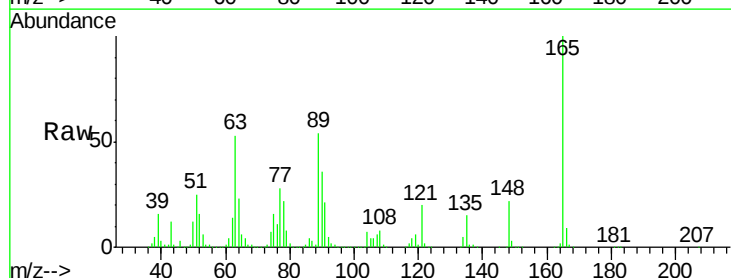
Tgt Ion:165 Resp: 1328003

Ion Ratio Lower Upper

165 100

89 54.4 44.2 66.2

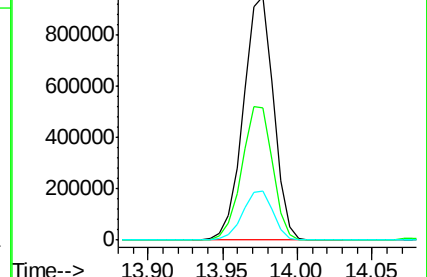
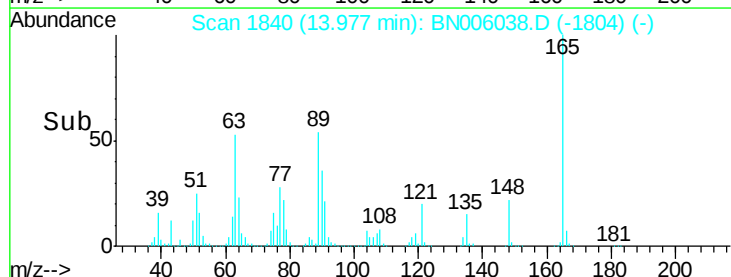
121 20.0 15.6 23.4

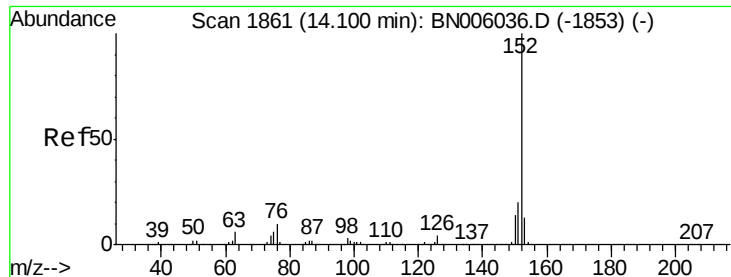


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 71.855 ng/ul

RT: 14.11 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

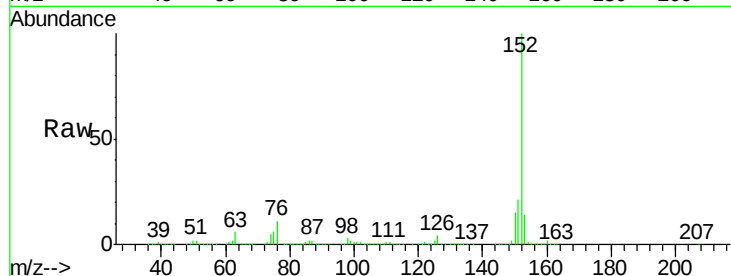
Tgt Ion:152 Resp: 6969261

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

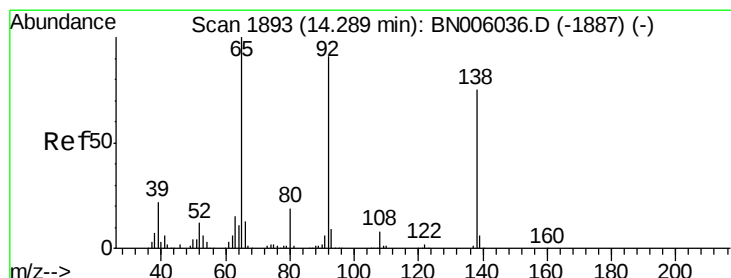
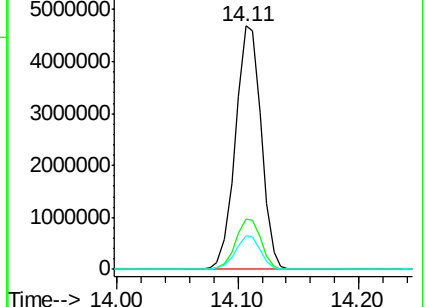
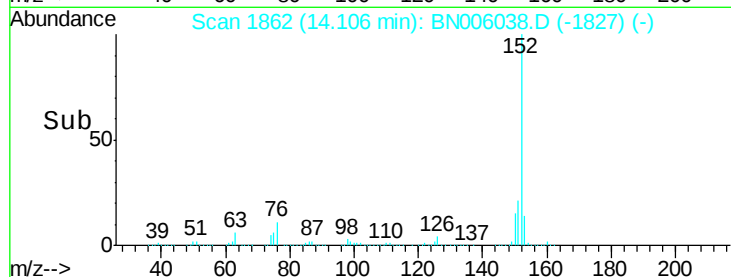
153 13.7 10.5 15.7



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: 86.084 ng/ul

RT: 14.30 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

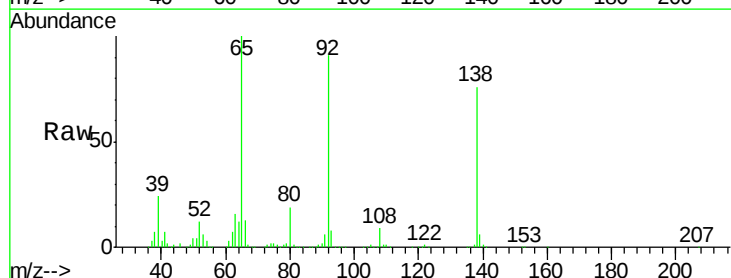
Tgt Ion:138 Resp: 1273116

Ion Ratio Lower Upper

138 100

108 11.5 9.0 13.6

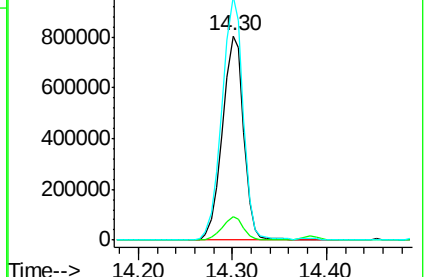
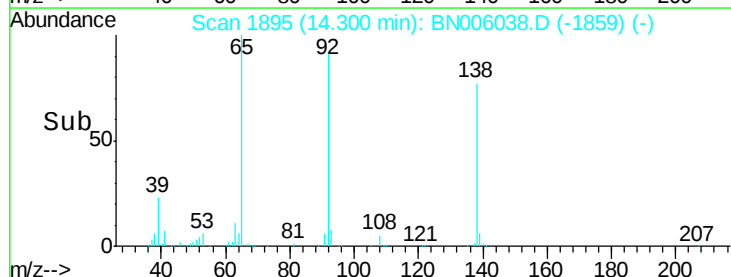
92 119.0 97.2 145.8

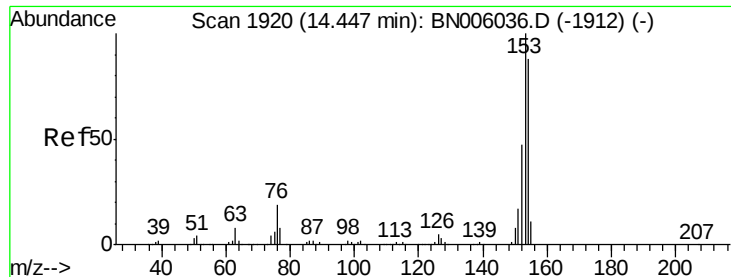


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 72.061 ng/ul

RT: 14.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

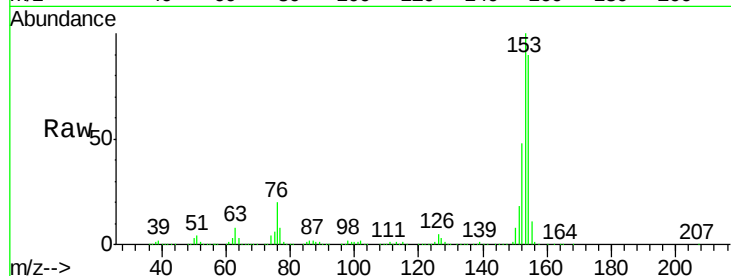
Tgt Ion:153 Resp: 4748011

Ion Ratio Lower Upper

153 100

152 48.1 37.4 56.2

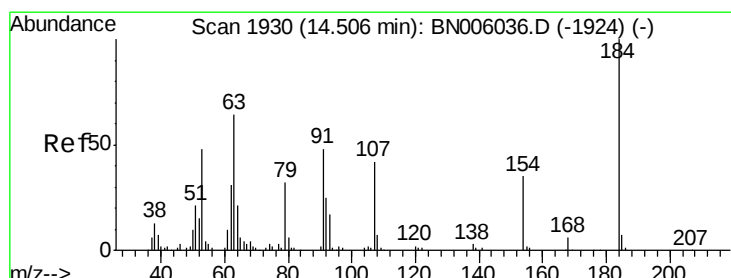
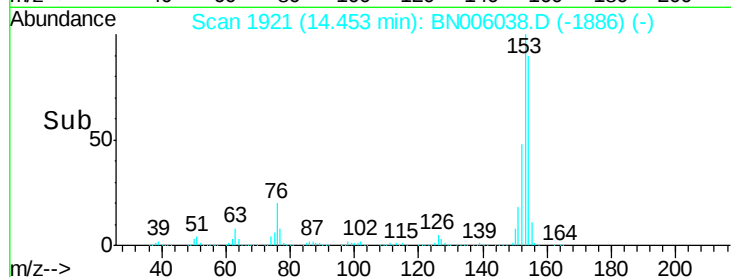
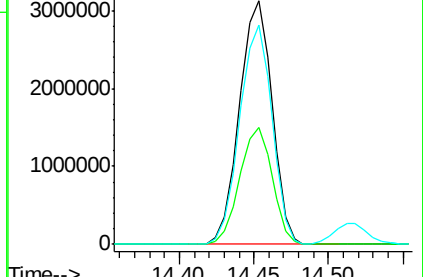
154 89.8 70.7 106.1



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: 112.963 ng/ul

RT: 14.51 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

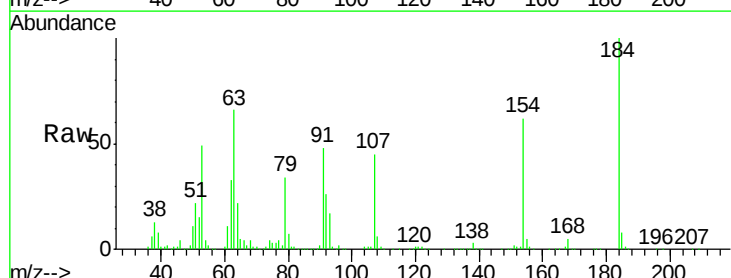
Tgt Ion:184 Resp: 684824

Ion Ratio Lower Upper

184 100

63 66.0 52.5 78.7

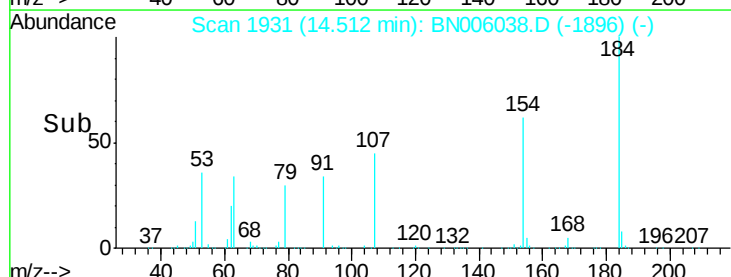
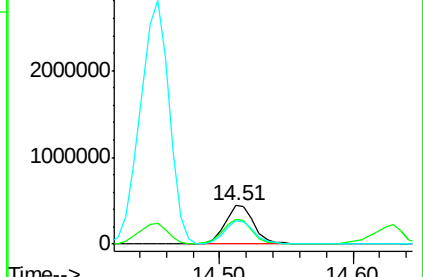
154 61.9 49.1 73.7

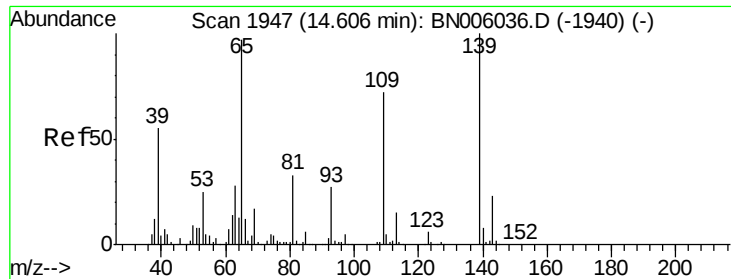


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

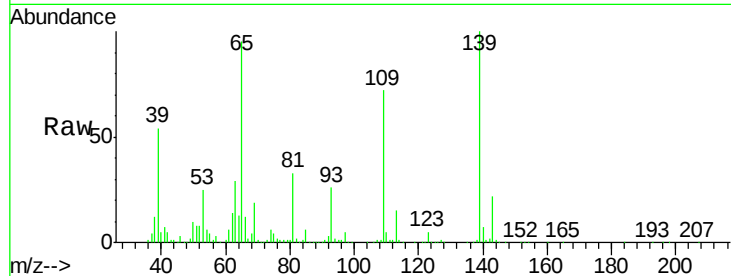




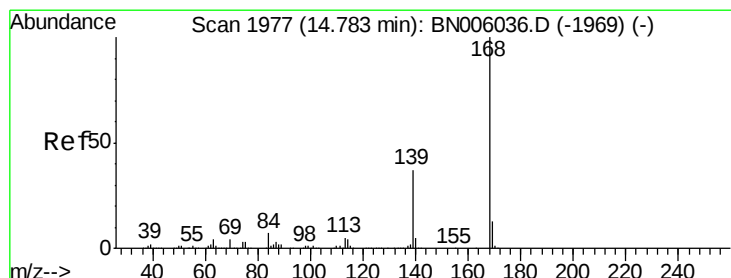
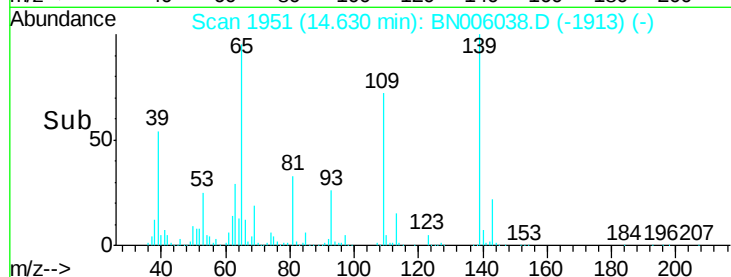
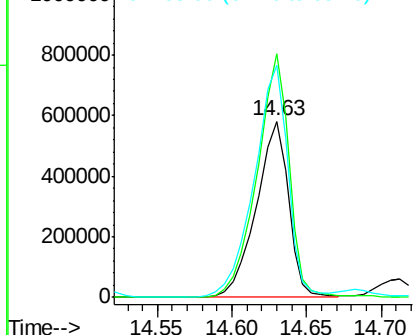
#52  
4-Nitrophenol  
Concen: 77.287 ng/ul  
RT: 14.63 min Scan# 1951  
Delta R.T. 0.02 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

Tgt Ion:109 Resp: 871726  
Ion Ratio Lower Upper  
109 100  
139 138.2 111.8 167.6  
65 131.9 108.5 162.7

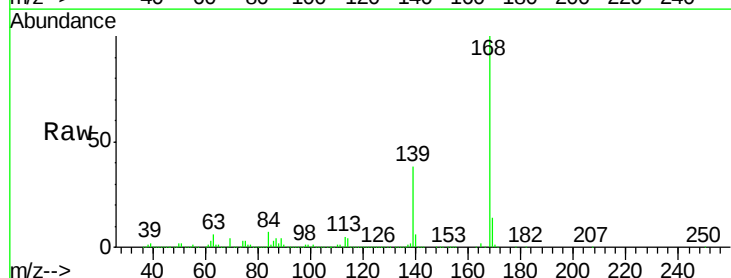


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BNC

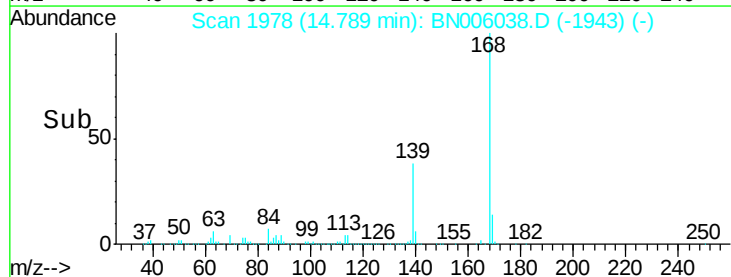
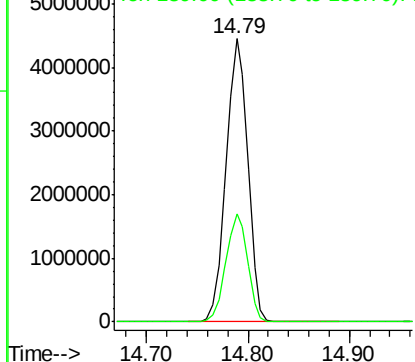


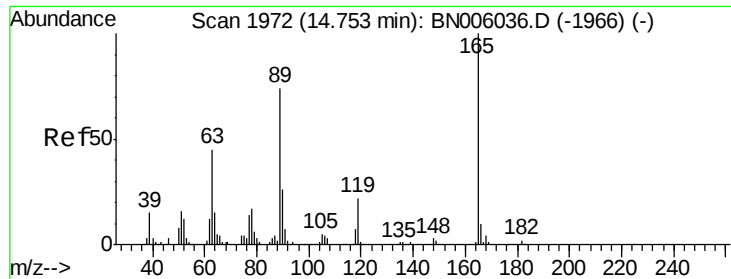
#53  
Dibenzofuran  
Concen: 71.025 ng/ul  
RT: 14.79 min Scan# 1978  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:168 Resp: 6606214  
Ion Ratio Lower Upper  
168 100  
139 38.2 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E

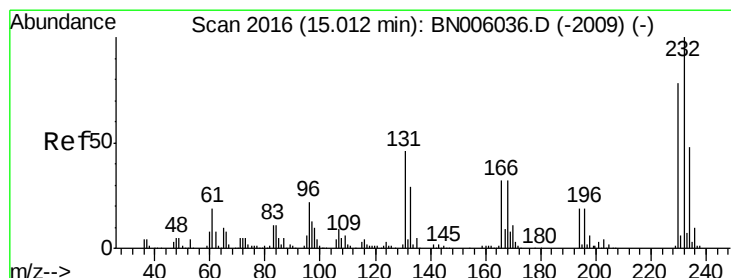
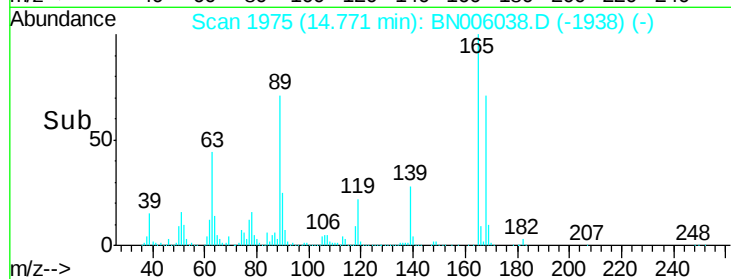
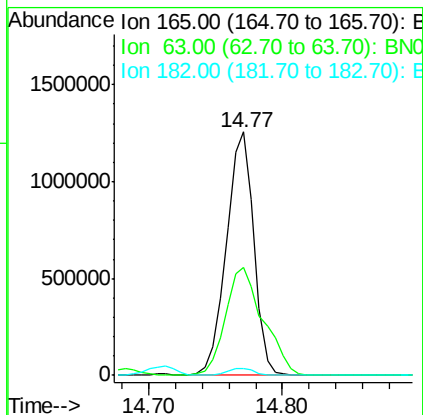
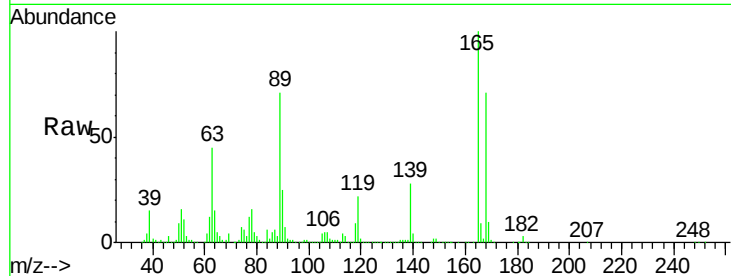




#54  
 2,4-Dinitrotoluene  
 Concen: 88.881 ng/ul  
 RT: 14.77 min Scan# 1975  
 Delta R.T. 0.02 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

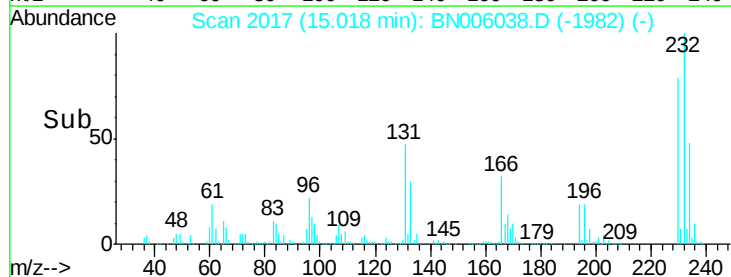
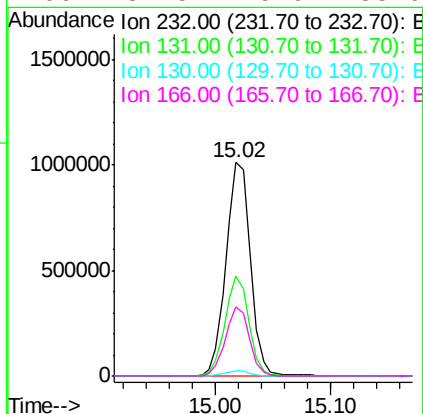
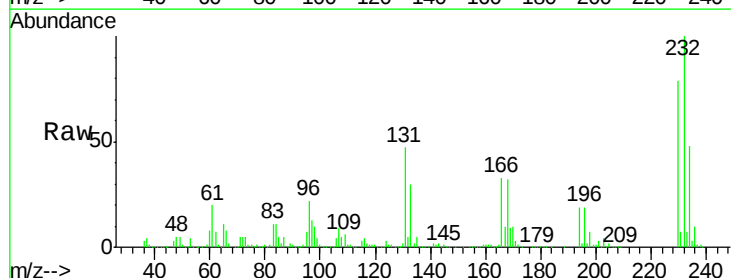
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD08092

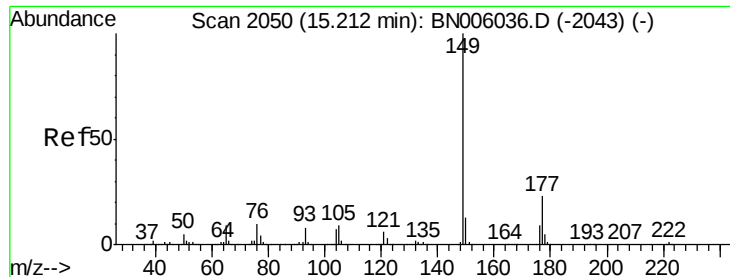
Tgt Ion:165 Resp: 1804826  
 Ion Ratio Lower Upper  
 165 100  
 63 44.5 36.0 54.0  
 182 3.1 2.4 3.6



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 87.482 ng/ul  
 RT: 15.02 min Scan# 2017  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:232 Resp: 1481638  
 Ion Ratio Lower Upper  
 232 100  
 131 46.7 36.9 55.3  
 130 2.5 1.8 2.8  
 166 32.5 25.9 38.9





#56

Diethylphthalate

Concen: 69.500 ng/ul

RT: 15.22 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

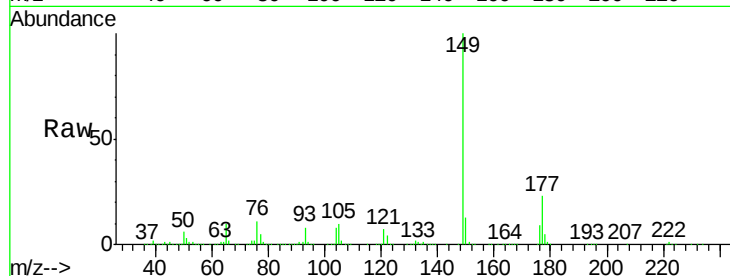
Tgt Ion:149 Resp: 5716682

Ion Ratio Lower Upper

149 100

177 22.8 18.4 27.6

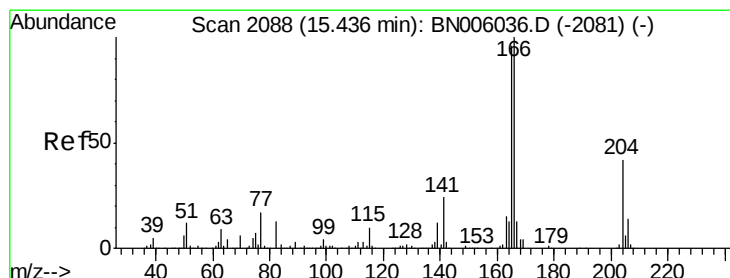
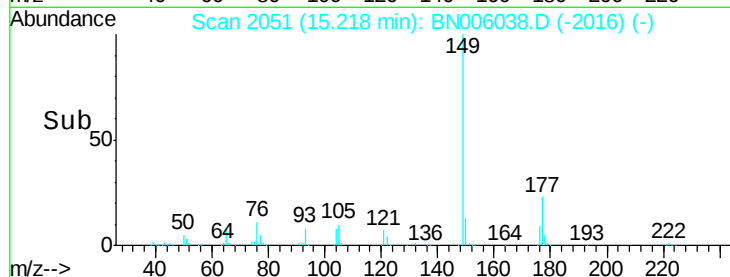
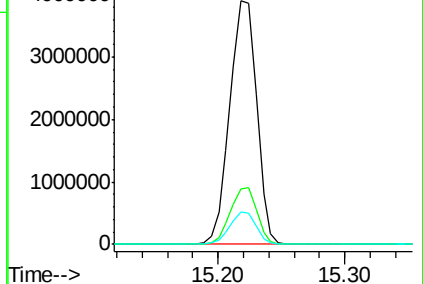
150 13.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 67.291 ng/ul

RT: 15.44 min Scan# 2089

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

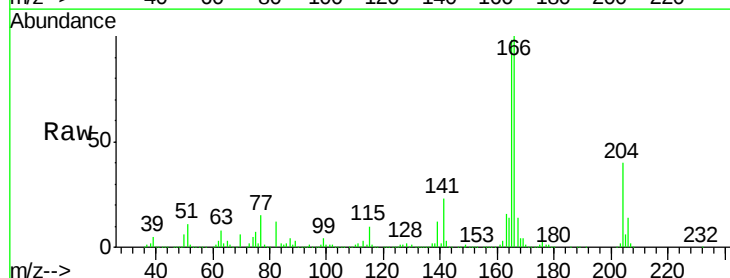
Tgt Ion:166 Resp: 4915805

Ion Ratio Lower Upper

166 100

165 98.1 76.6 115.0

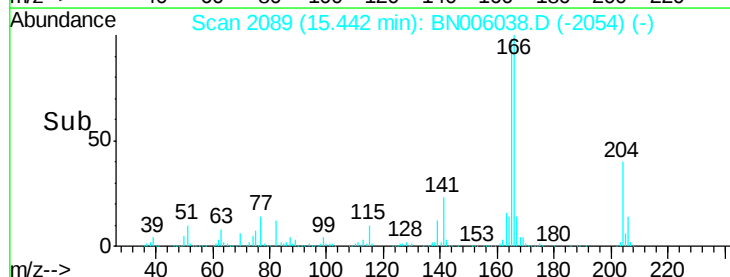
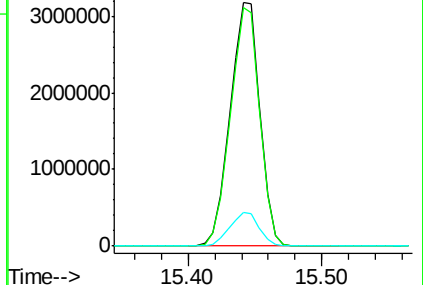
167 13.9 10.8 16.2

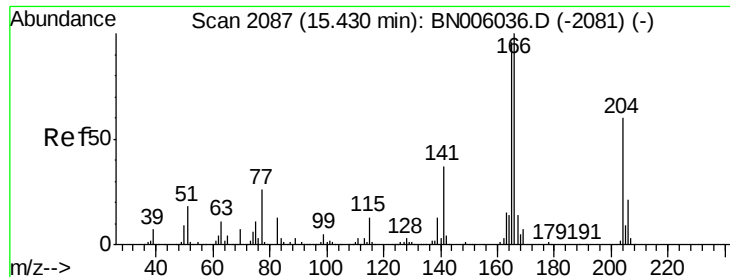


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

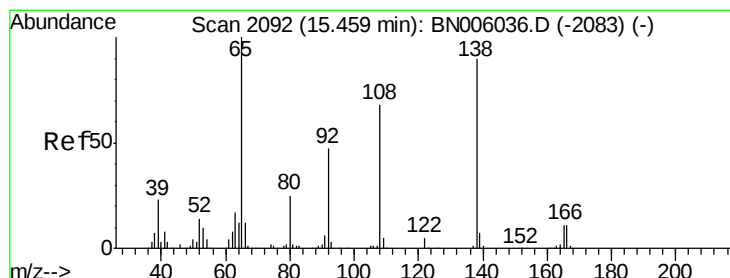
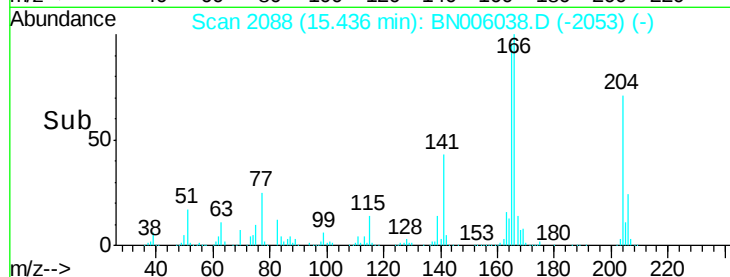
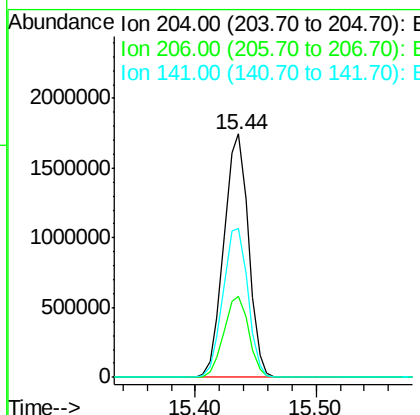
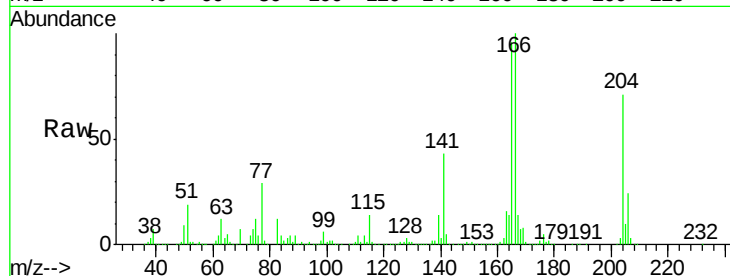




#59  
4-Chlorophenyl-phenylether  
Concen: 70.918 ng/ul  
RT: 15.44 min Scan# 2088  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

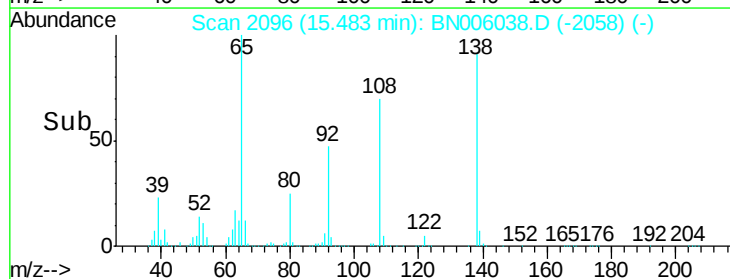
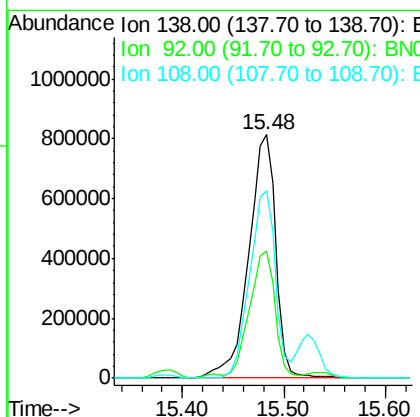
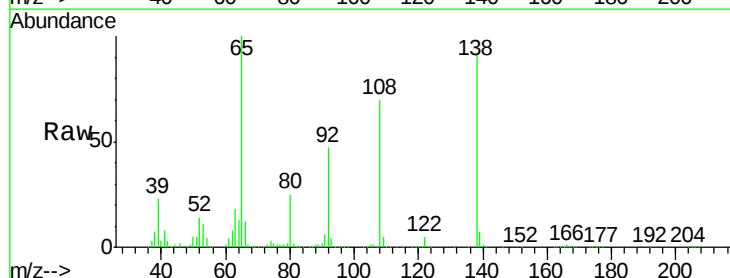
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

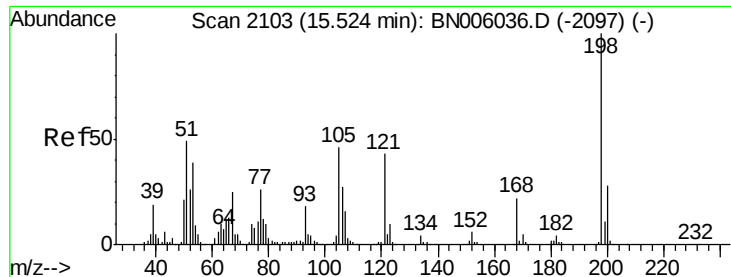
Tgt Ion:204 Resp: 2468737  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.6 41.4  
141 61.1 49.1 73.7



#60  
4-Nitroaniline  
Concen: 83.778 ng/ul  
RT: 15.48 min Scan# 2096  
Delta R.T. 0.02 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:138 Resp: 1500341  
Ion Ratio Lower Upper  
138 100  
92 52.4 41.7 62.5  
108 77.0 61.0 91.6

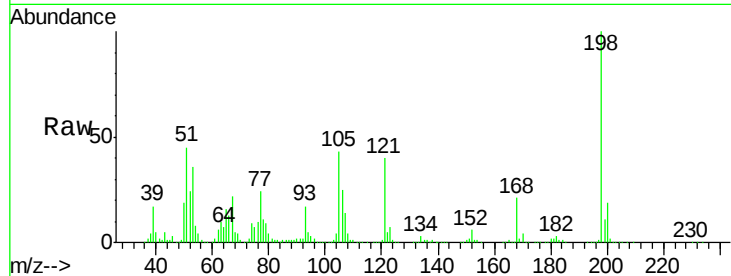




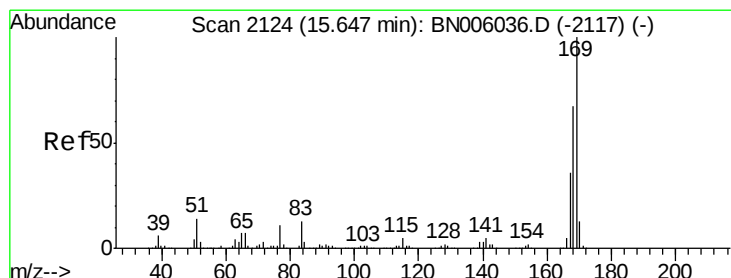
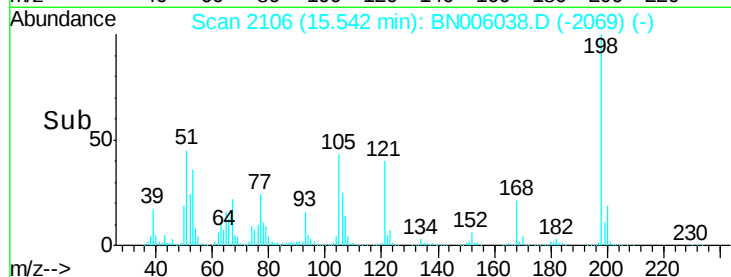
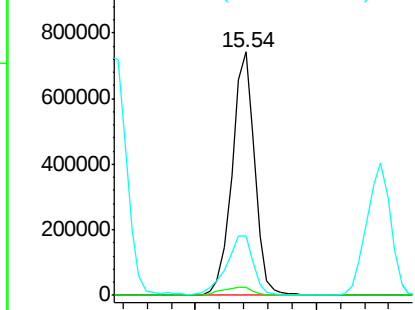
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 93.923 ng/ul  
 RT: 15.54 min Scan# 2106  
 Delta R.T. 0.02 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST08092

Tgt Ion:198 Resp: 966286  
 Ion Ratio Lower Upper  
 198 100  
 182 3.1 3.1 4.7  
 77 24.1 21.5 32.3

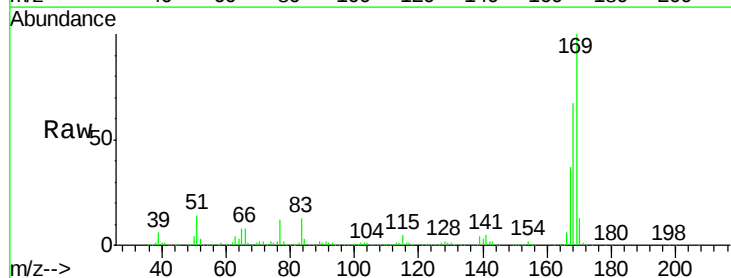


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNC

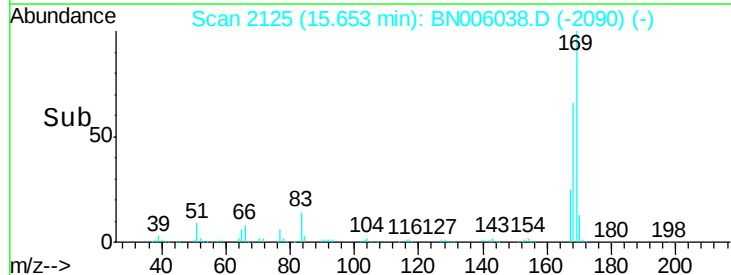
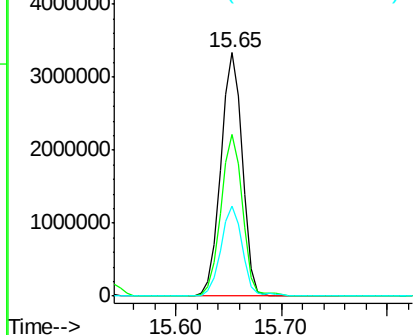


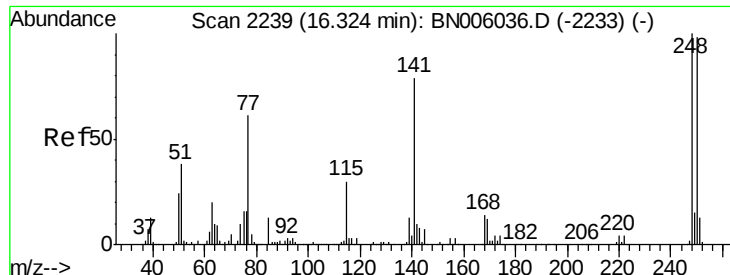
#64  
 N-Nitrosodiphenylamine  
 Concen: 73.906 ng/ul  
 RT: 15.65 min Scan# 2125  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:169 Resp: 4728995  
 Ion Ratio Lower Upper  
 169 100  
 168 66.6 53.4 80.2  
 167 36.7 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

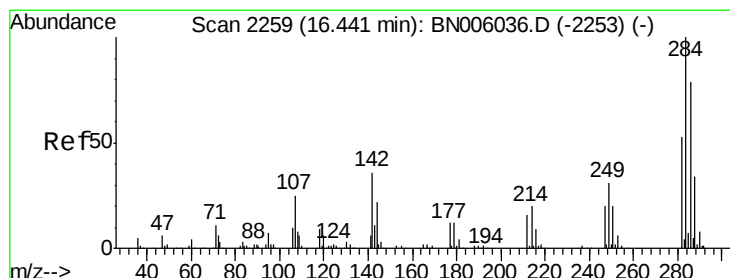
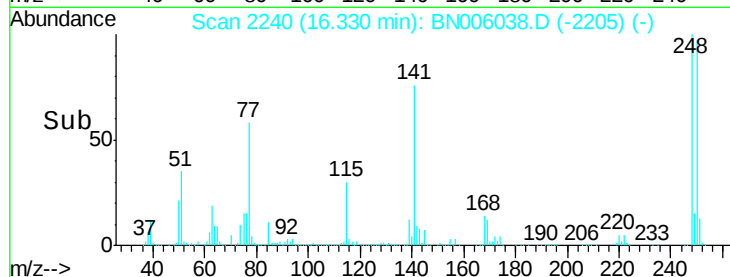
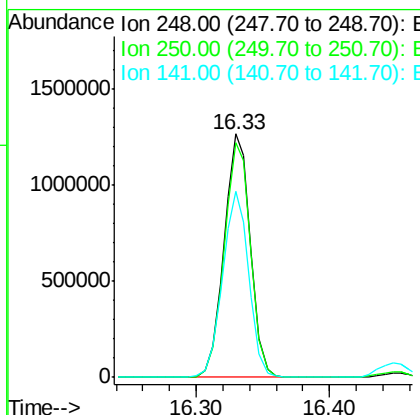
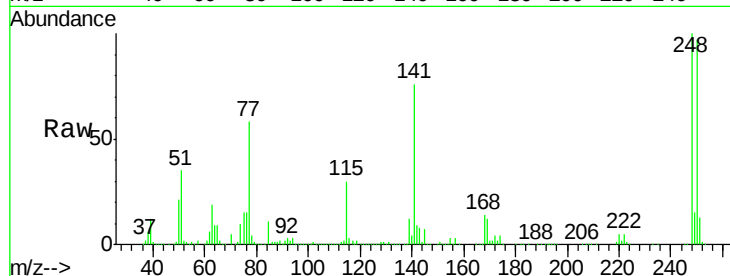




#65  
 4-Bromophenyl-phenylether  
 Concen: 82.006 ng/ul  
 RT: 16.33 min Scan# 2240  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

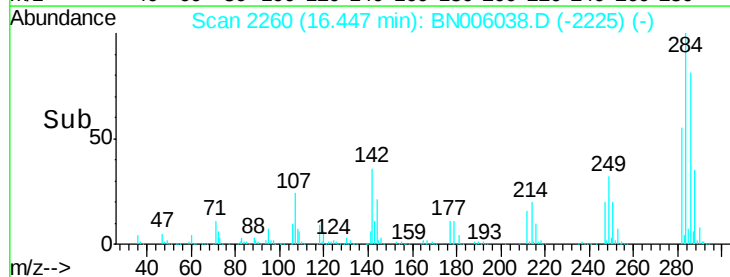
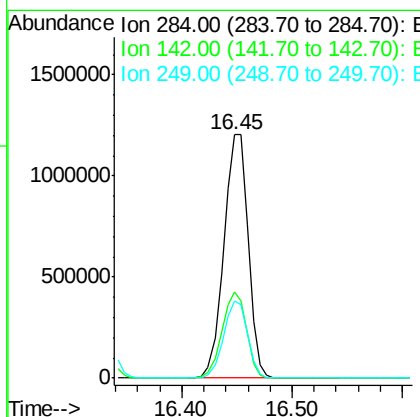
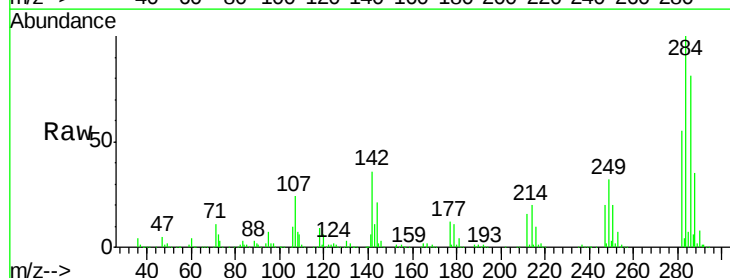
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD08092

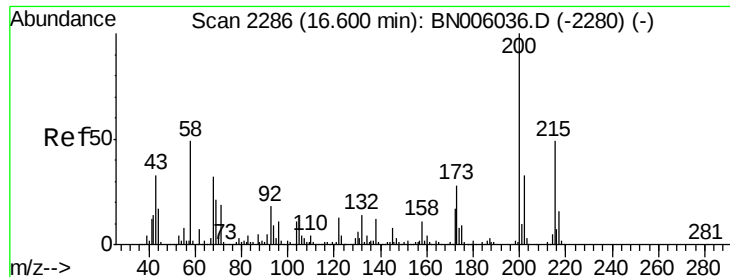
Tgt Ion:248 Resp: 1747932  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 78.8 118.2  
 141 76.3 63.0 94.6



#66  
 Hexachlorobenzene  
 Concen: 81.080 ng/ul  
 RT: 16.45 min Scan# 2260  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:284 Resp: 1856884  
 Ion Ratio Lower Upper  
 284 100  
 142 35.6 29.0 43.6  
 249 31.8 25.0 37.6





#67

Atrazine

Concen: 78.561 ng/ul

RT: 16.62 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

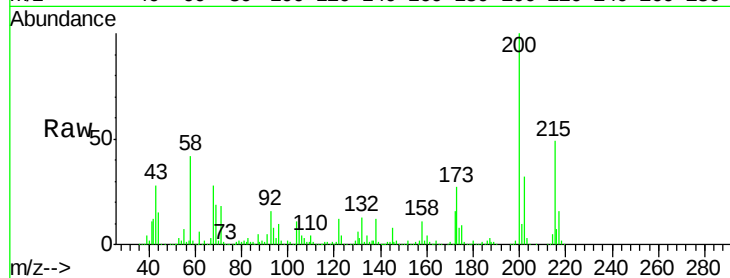
Tgt Ion:200 Resp: 1778230

Ion Ratio Lower Upper

200 100

173 26.9 22.3 33.5

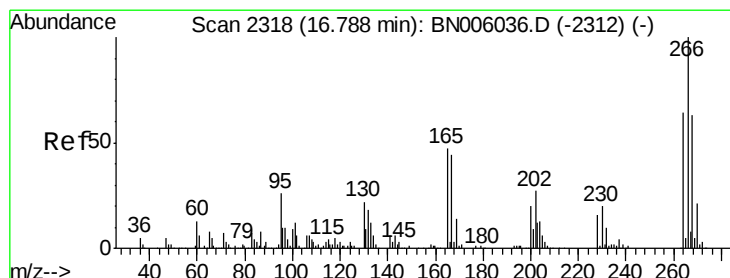
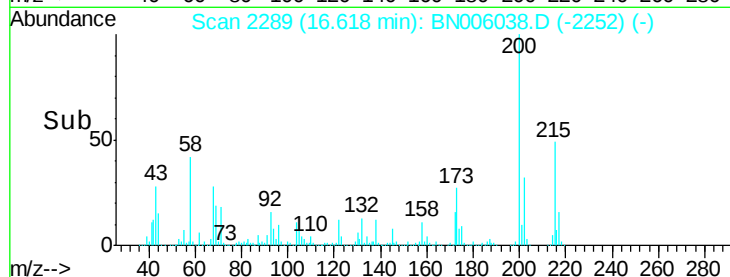
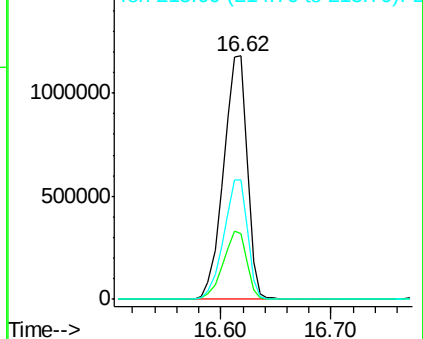
215 49.1 39.0 58.6



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: 85.808 ng/ul

RT: 16.79 min Scan# 2319

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

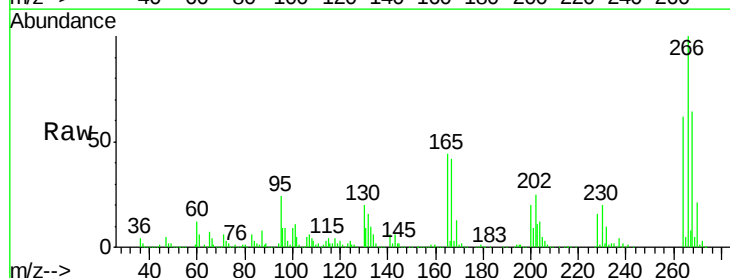
Tgt Ion:266 Resp: 1156085

Ion Ratio Lower Upper

266 100

264 62.4 50.8 76.2

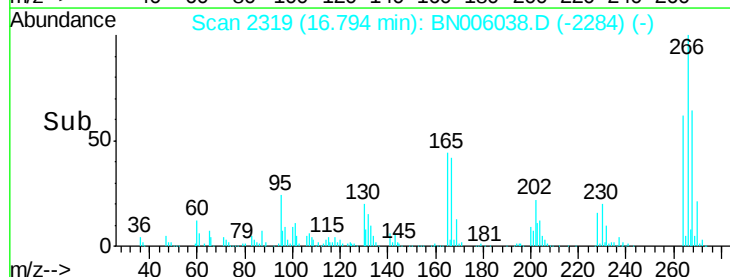
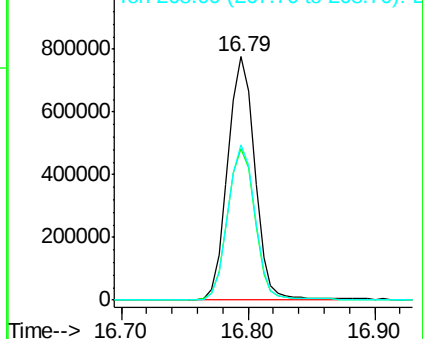
268 63.6 50.7 76.1

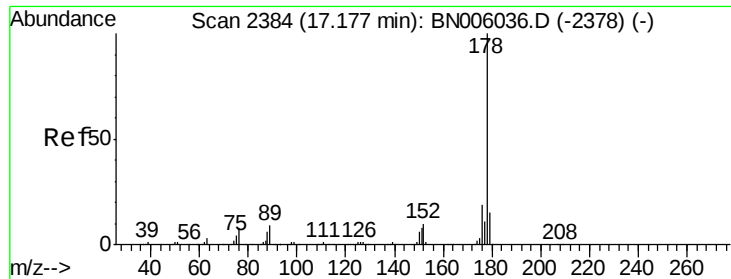


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 70.569 ng/ul

RT: 17.19 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

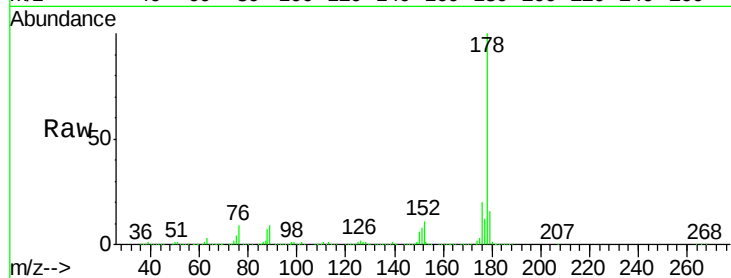
Tgt Ion:178 Resp: 8024625

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

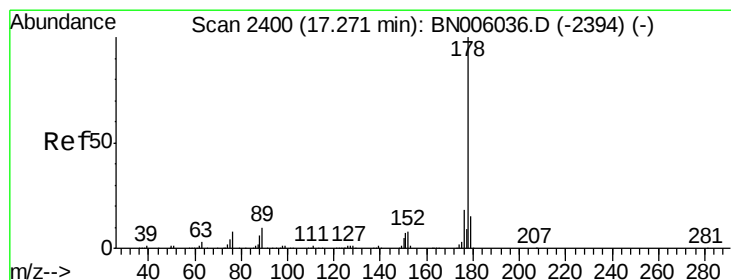
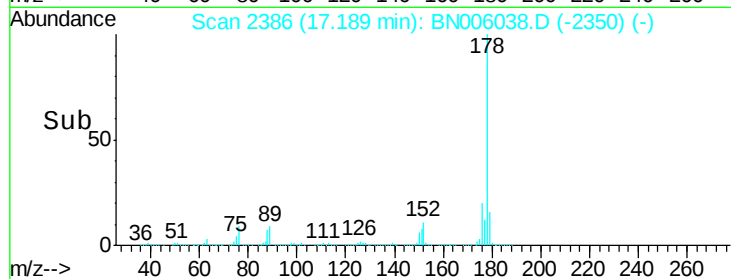
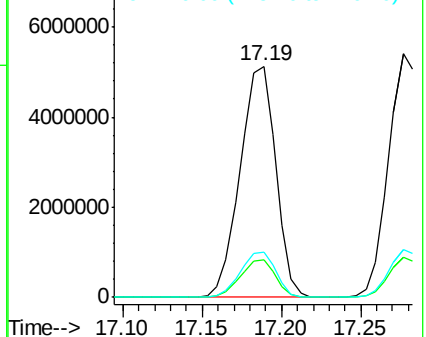
176 19.8 15.0 22.4



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: 69.259 ng/ul

RT: 17.28 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

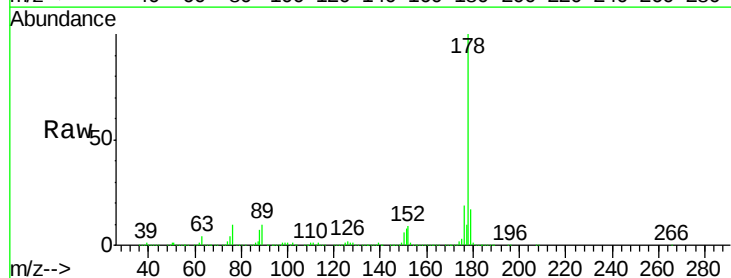
Tgt Ion:178 Resp: 7995768

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

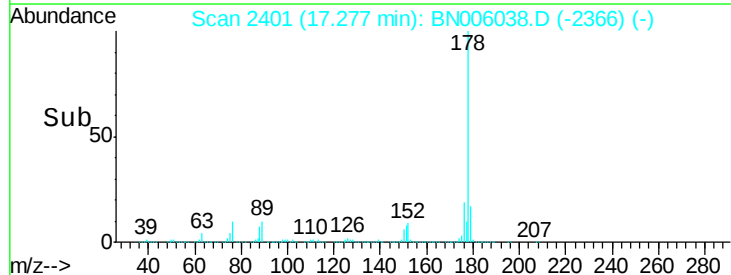
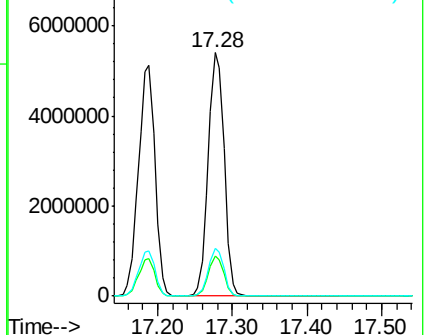
176 19.4 14.8 22.2

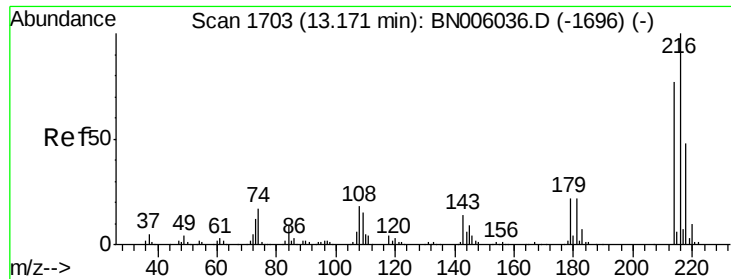


Abundance Ion 178.00 (177.70 to 178.70): E

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: 86.581 ng/uL

RT: 13.18 min Scan# 1704

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

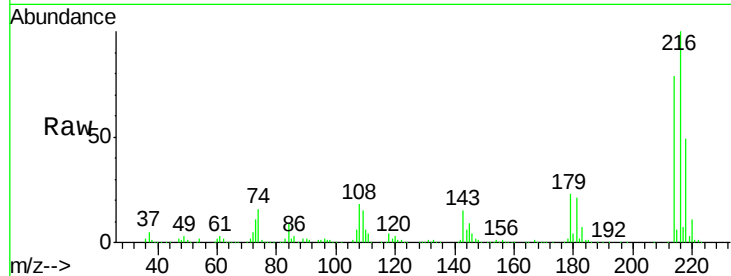
Tgt Ion:216 Resp: 2465938

Ion Ratio Lower Upper

216 100

214 79.0 61.7 92.5

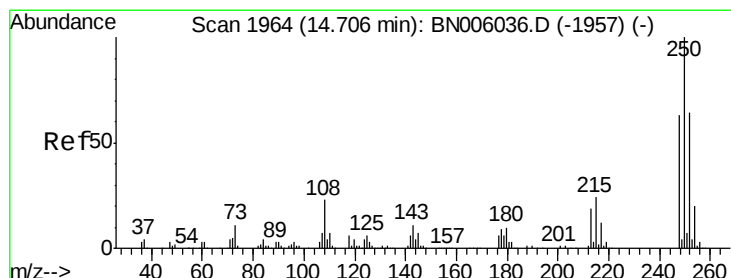
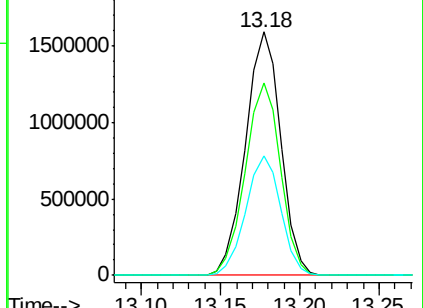
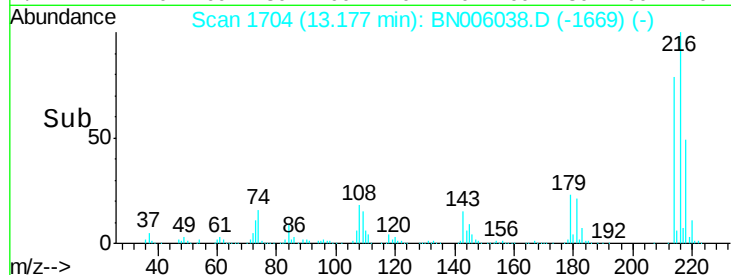
218 49.3 38.2 57.2



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: 83.992 ng/uL

RT: 14.71 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

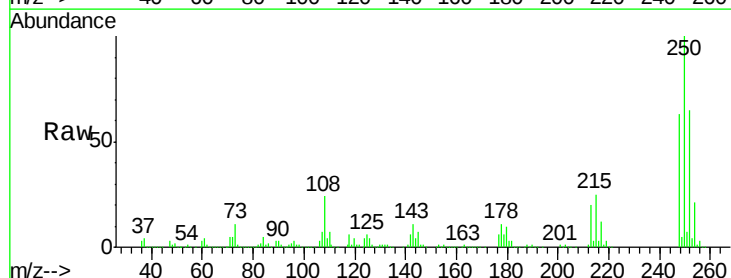
Tgt Ion:250 Resp: 2215589

Ion Ratio Lower Upper

250 100

248 63.0 50.2 75.4

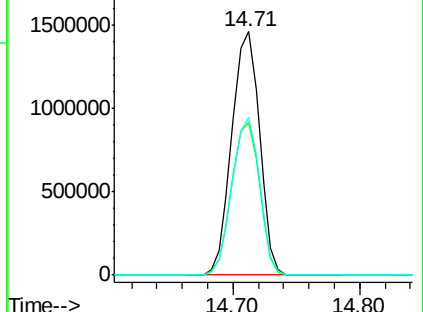
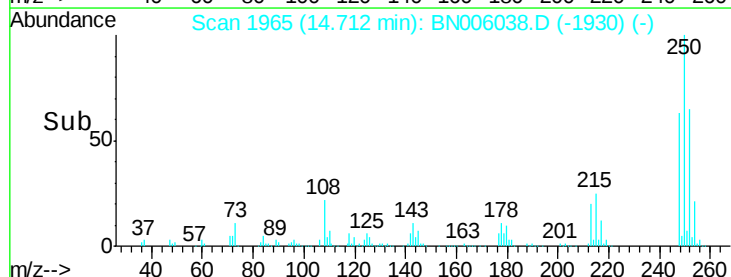
252 64.8 50.9 76.3

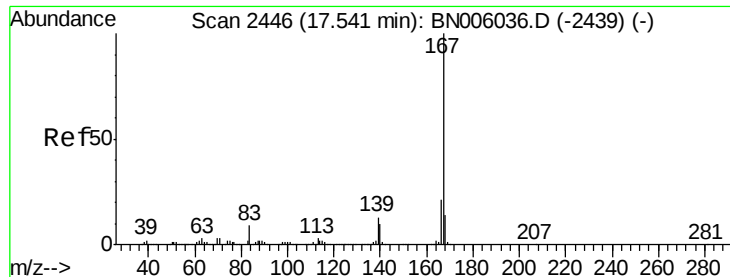


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 71.038 ng/ul

RT: 17.55 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

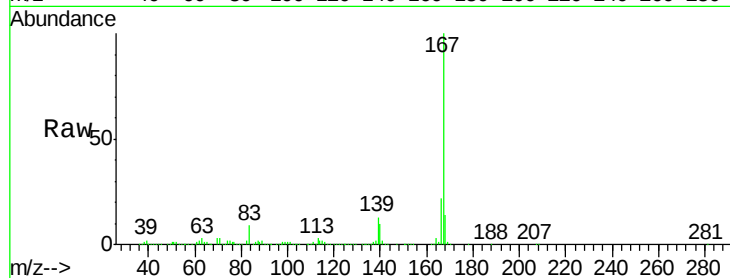
Tgt Ion:167 Resp: 7388141

Ion Ratio Lower Upper

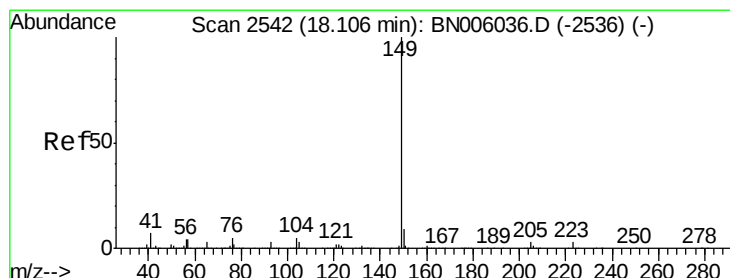
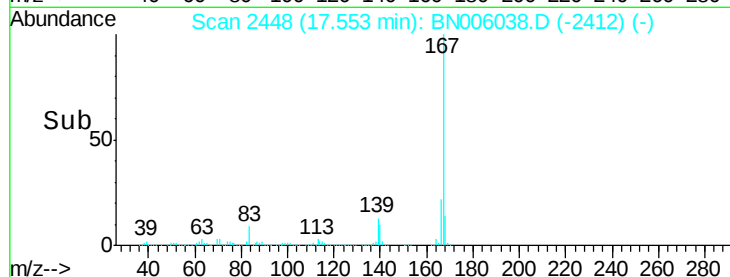
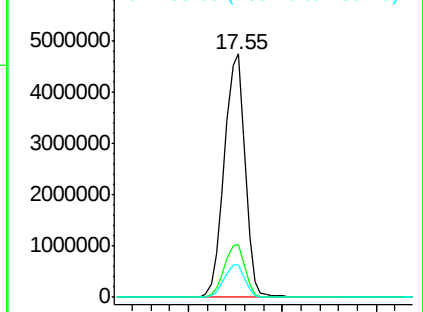
167 100

166 21.9 17.0 25.6

139 13.3 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: 67.562 ng/ul

RT: 18.11 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

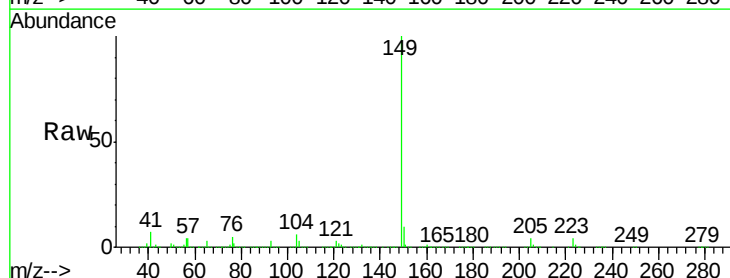
Tgt Ion:149 Resp: 9183501

Ion Ratio Lower Upper

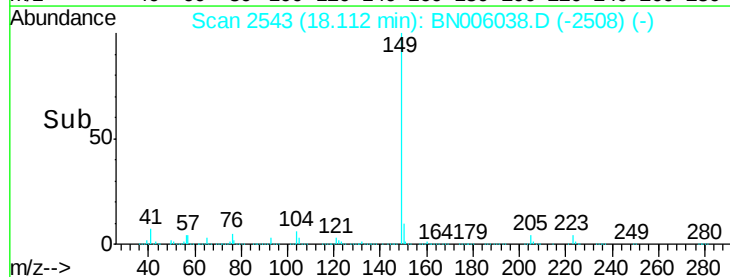
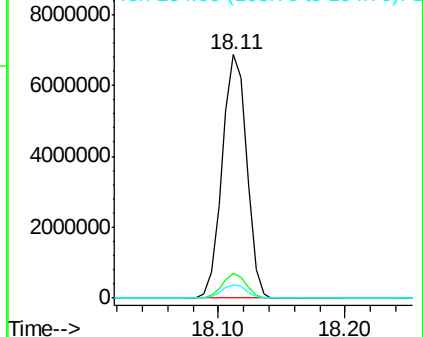
149 100

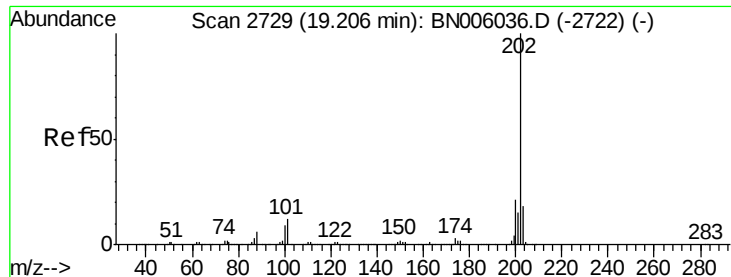
150 10.1 7.4 11.2

104 5.5 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

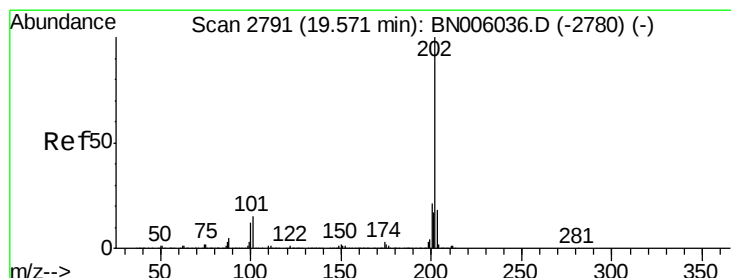
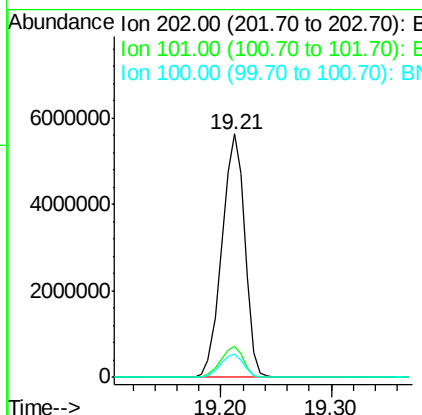
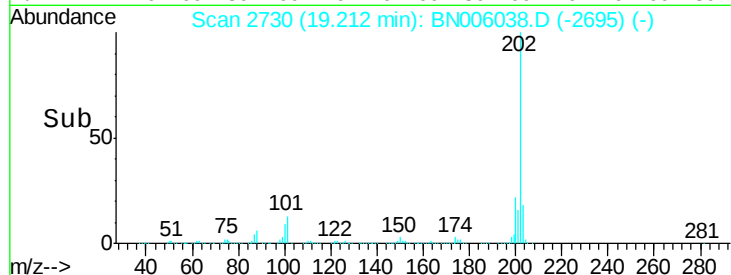
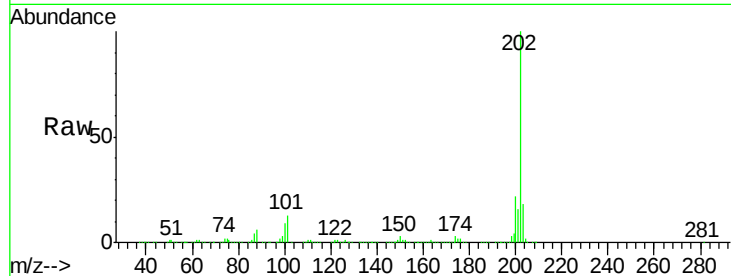




#76  
 Fluoranthene  
 Concen: 67.278 ng/ul  
 RT: 19.21 min Scan# 2730  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

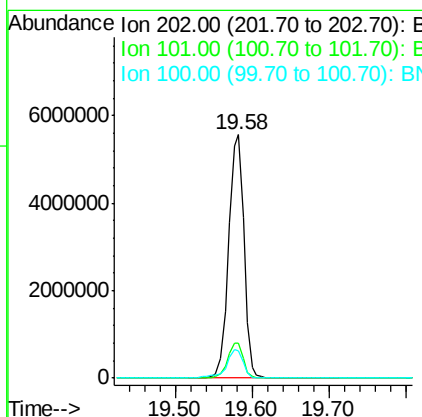
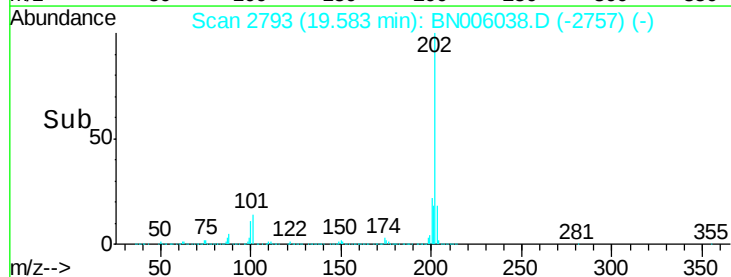
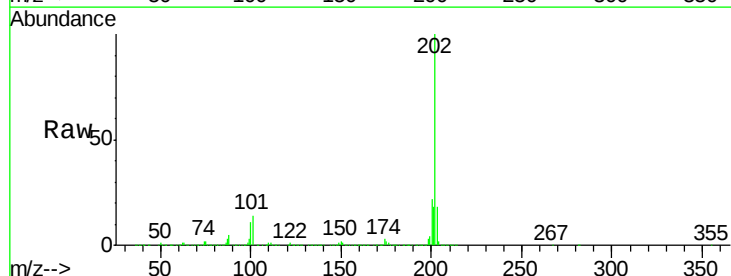
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST08092

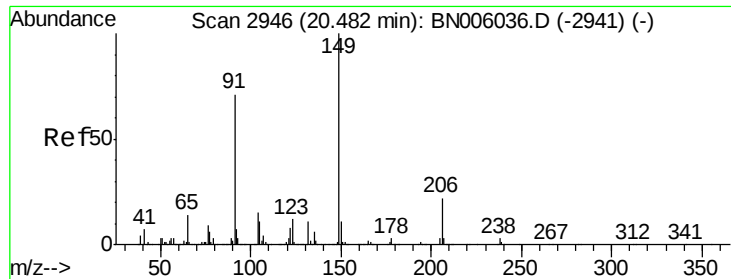
Tgt Ion:202 Resp: 8167055  
 Ion Ratio Lower Upper  
 202 100  
 101 12.5 9.6 14.4  
 100 9.4 7.1 10.7



#79  
 Pyrene  
 Concen: 84.331 ng/ul  
 RT: 19.58 min Scan# 2793  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:202 Resp: 7756980  
 Ion Ratio Lower Upper  
 202 100  
 101 14.2 11.6 17.4  
 100 11.4 9.4 14.2

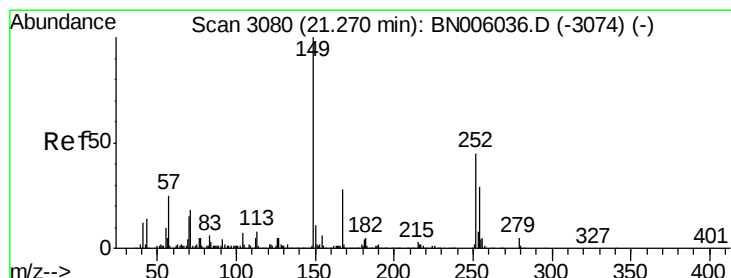
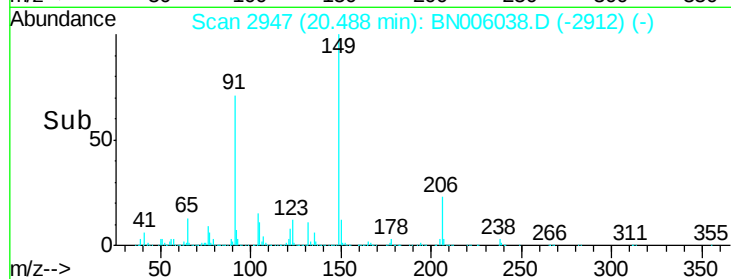
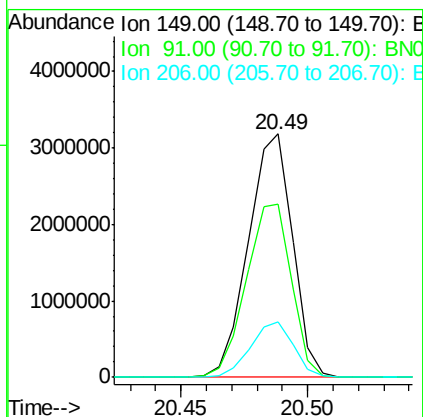
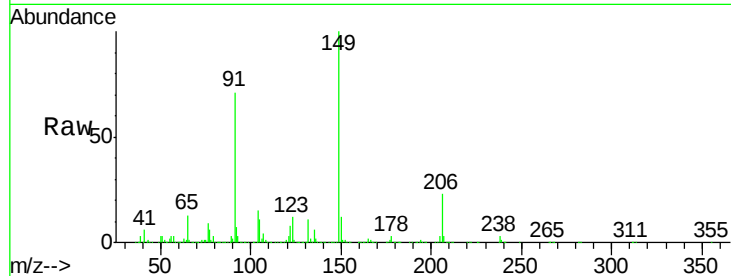




#80  
Butylbenzylphthalate  
Concen: 93.670 ng/ul  
RT: 20.49 min Scan# 2947  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

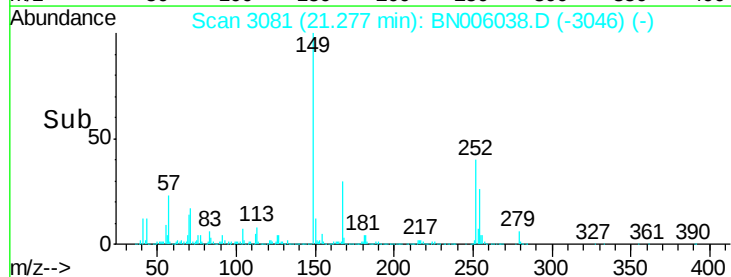
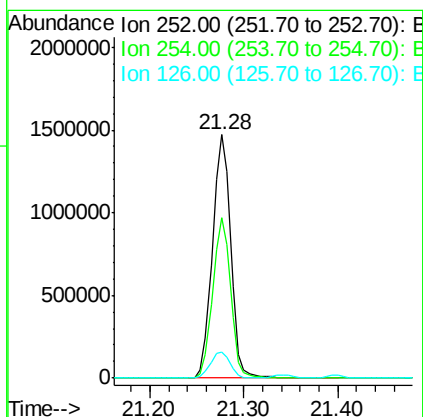
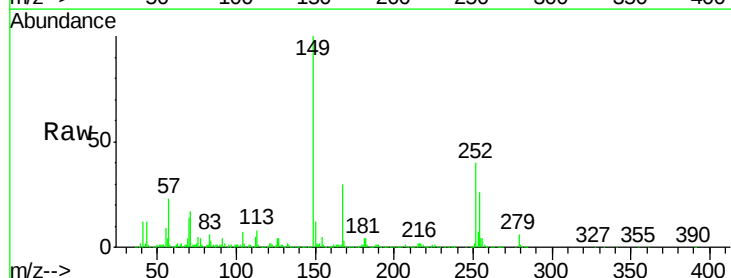
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

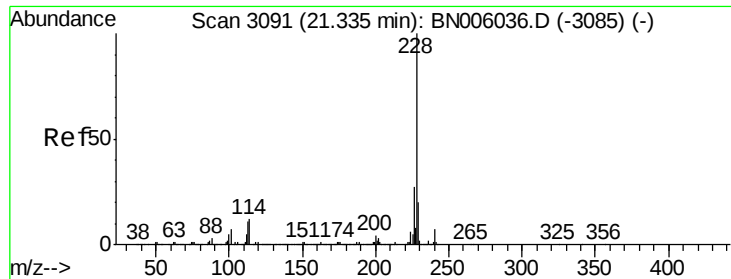
Tgt Ion:149 Resp: 3871950  
Ion Ratio Lower Upper  
149 100  
91 71.1 57.0 85.6  
206 22.7 17.4 26.2



#81  
3,3'-Dichlorobenzidine  
Concen: 70.107 ng/ul  
RT: 21.28 min Scan# 3081  
Delta R.T. 0.01 min  
Lab File: BN006038.D  
Acq: 03 Jun 2019 13:06

Tgt Ion:252 Resp: 2021665  
Ion Ratio Lower Upper  
252 100  
254 65.7 50.7 76.1  
126 10.9 9.0 13.6

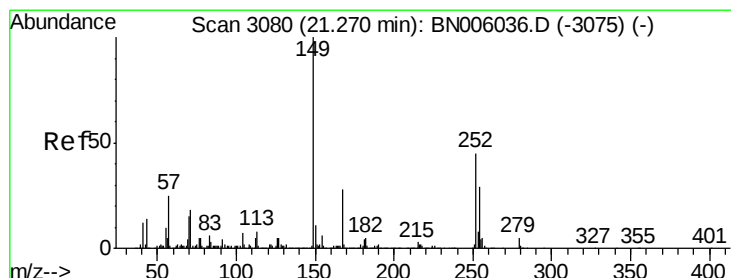
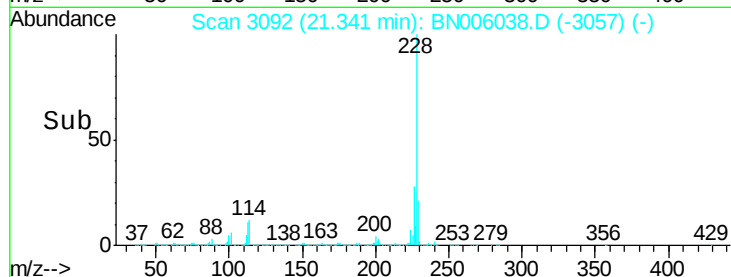
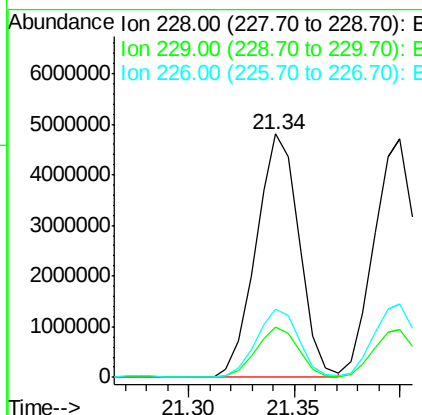
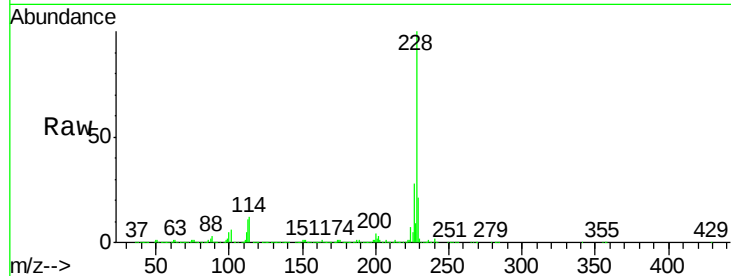




#82  
 Benzo(a)anthracene  
 Concen: 74.550 ng/ul  
 RT: 21.34 min Scan# 3092  
 Delta R.T. 0.01 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

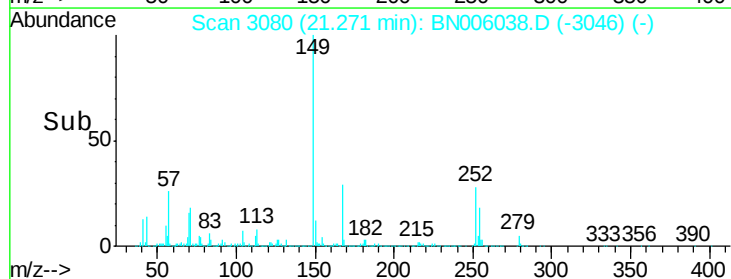
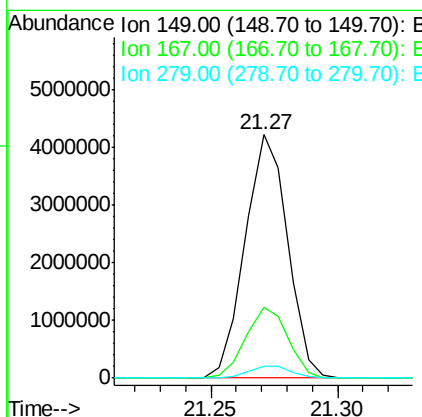
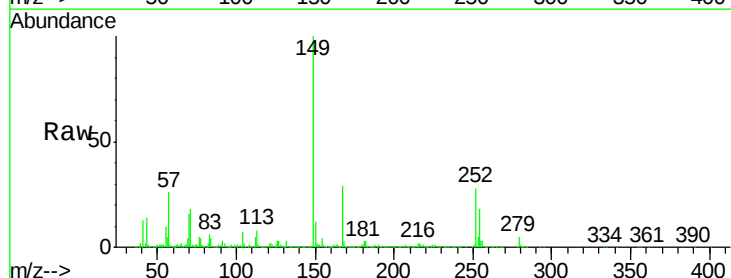
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD08092

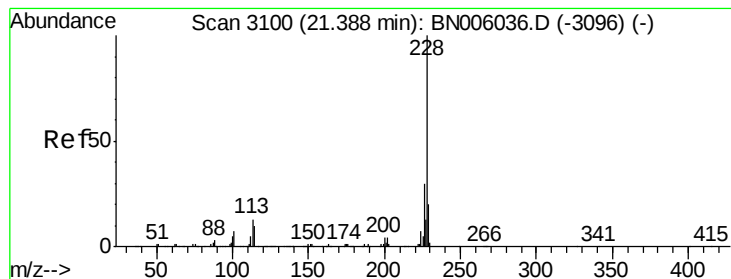
Tgt Ion:228 Resp: 6804952  
 Ion Ratio Lower Upper  
 228 100  
 229 20.6 15.8 23.8  
 226 27.8 21.6 32.4



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 82.032 ng/ul  
 RT: 21.27 min Scan# 3080  
 Delta R.T. 0.00 min  
 Lab File: BN006038.D  
 Acq: 03 Jun 2019 13:06

Tgt Ion:149 Resp: 4915120  
 Ion Ratio Lower Upper  
 149 100  
 167 29.1 22.5 33.7  
 279 5.1 3.6 5.4





#84

Chrysene

Concen: 74.712 ng/ul

RT: 21.40 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

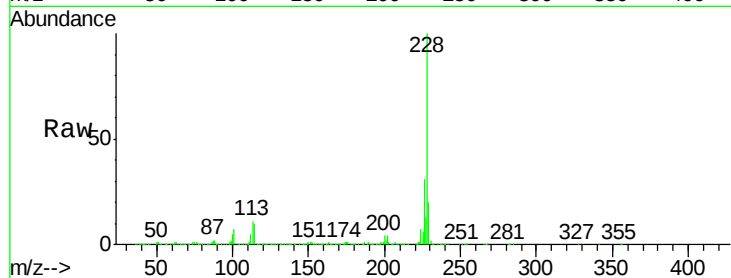
Tgt Ion:228 Resp: 6360526

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

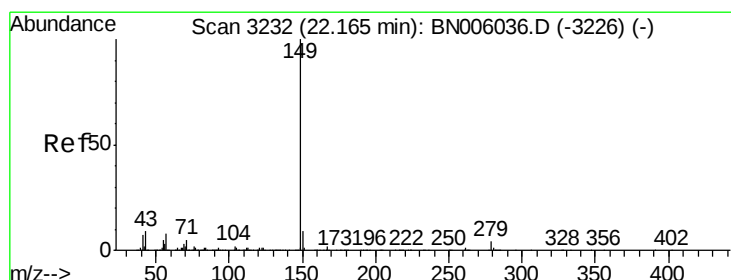
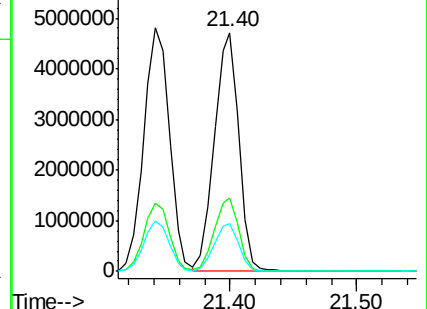
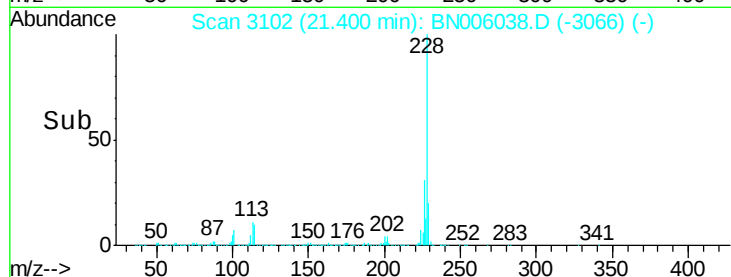
229 20.2 16.3 24.5



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: 90.736 ng/ul

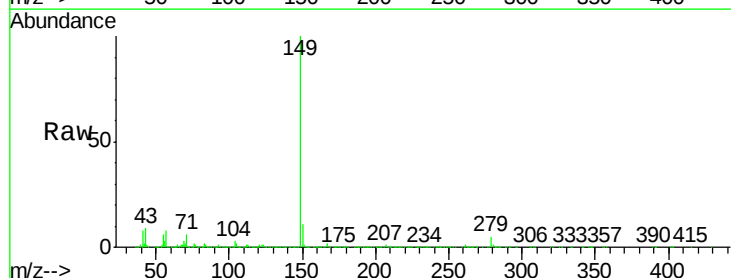
RT: 22.17 min Scan# 3233

Delta R.T. 0.01 min

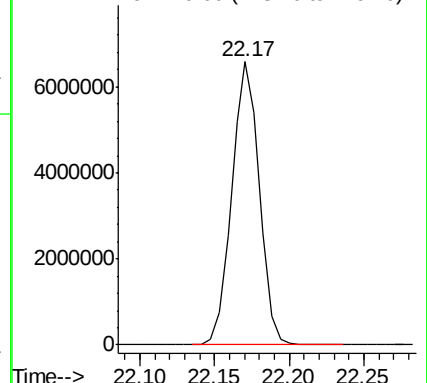
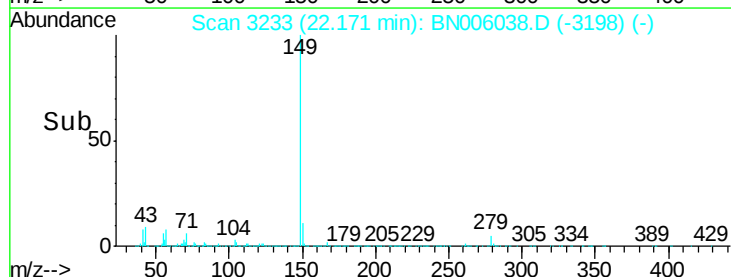
Lab File: BN006038.D

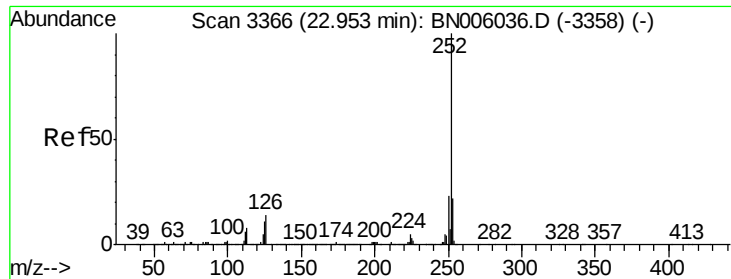
Acq: 03 Jun 2019 13:06

Tgt Ion:149 Resp: 8490723



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 76.900 ng/ul

RT: 22.96 min Scan# 3368

Delta R.T. 0.01 min

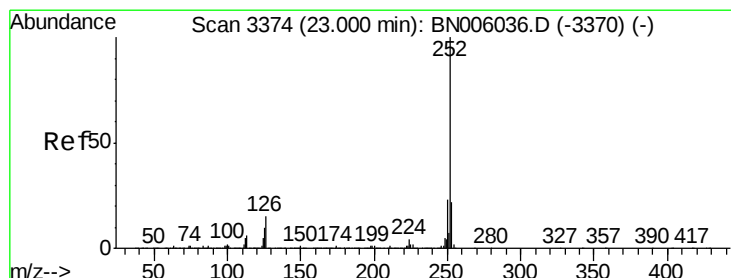
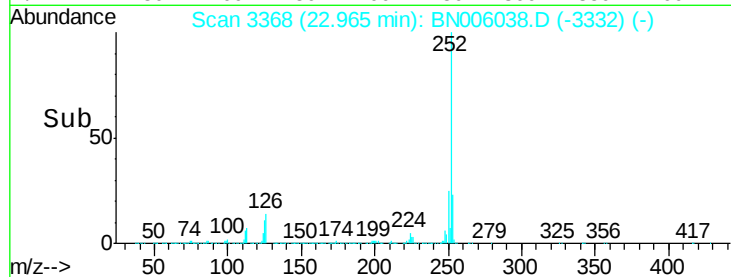
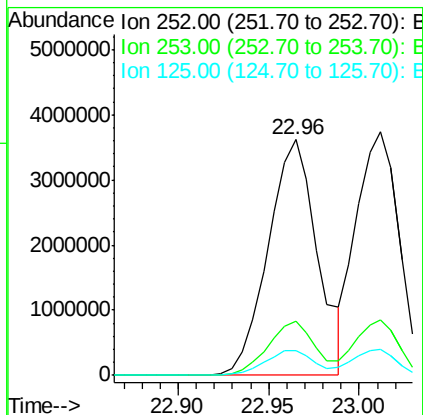
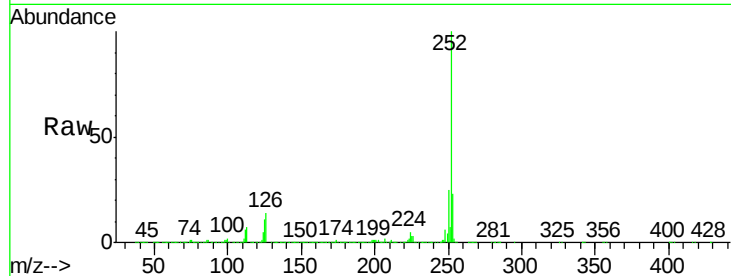
Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD08092

Tgt Ion:252 Resp: 6850030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 17.3  | 25.9  |
| 125 | 10.5  | 8.5   | 12.7  |



#88

Benzo(k)fluoranthene

Concen: 75.159 ng/ul

RT: 23.01 min Scan# 3376

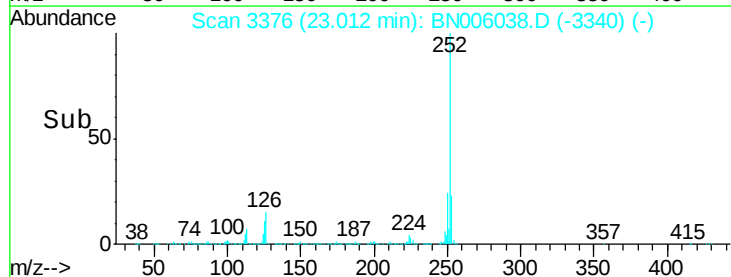
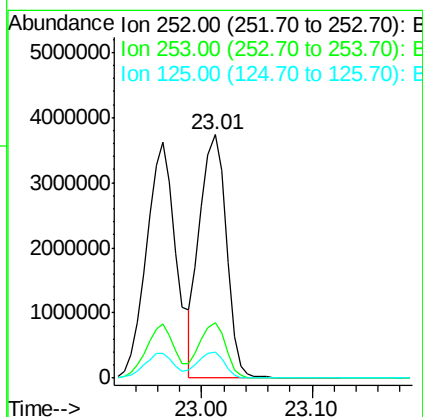
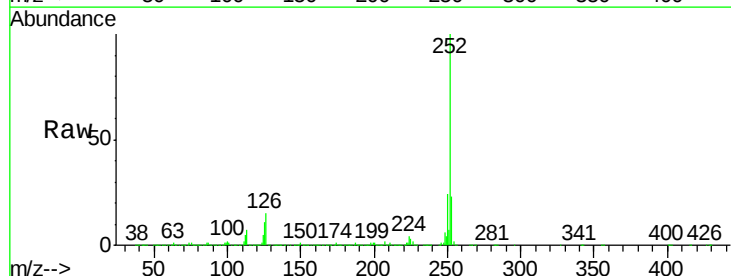
Delta R.T. 0.01 min

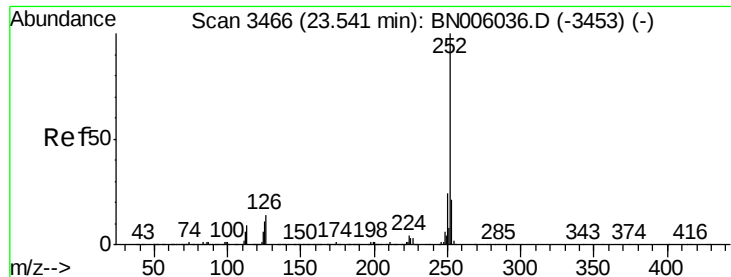
Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Tgt Ion:252 Resp: 6155623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.5  | 26.3  |
| 125 | 10.6  | 8.2   | 12.4  |





#90

Benzo(a)pyrene

Concen: 75.394 ng/ul

RT: 23.56 min Scan# 3469

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

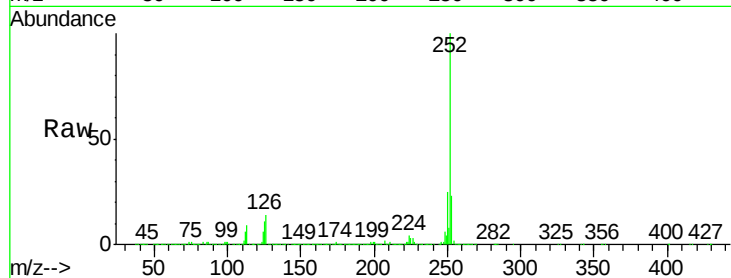
Tgt Ion:252 Resp: 6333203

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

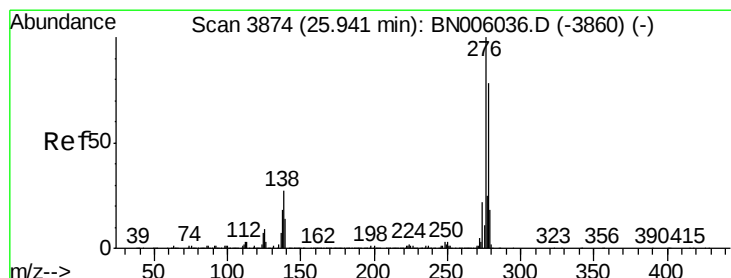
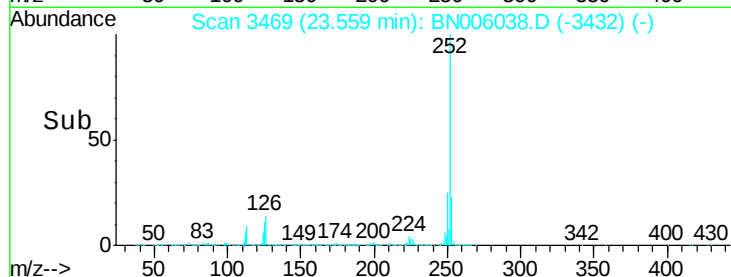
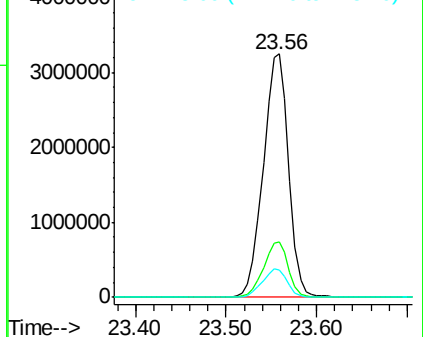
125 11.2 9.2 13.8



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: 74.984 ng/ul

RT: 25.96 min Scan# 3878

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

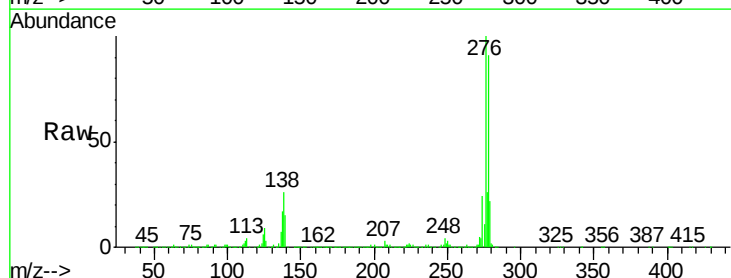
Tgt Ion:276 Resp: 7391028

Ion Ratio Lower Upper

276 100

138 25.5 21.4 32.2

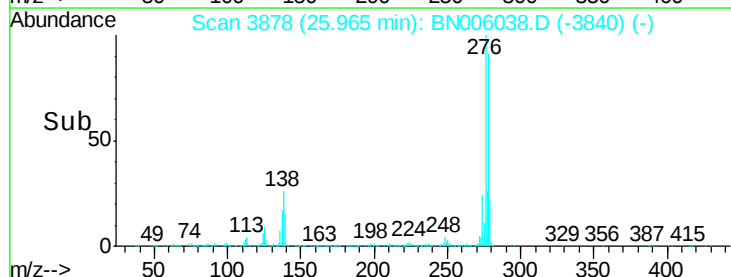
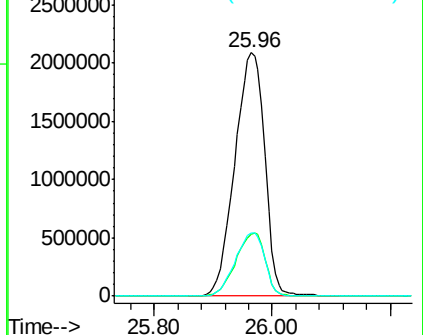
277 25.9 20.2 30.2

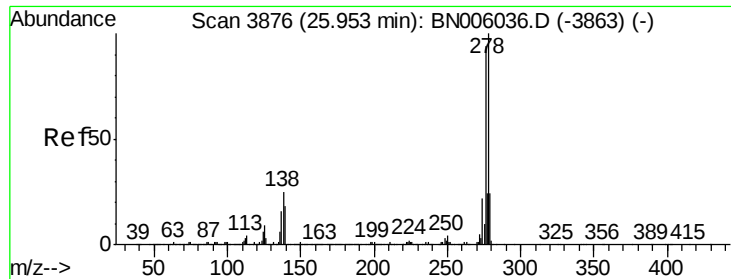


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 75.358 ng/ul

RT: 25.98 min Scan# 3880

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTD08092

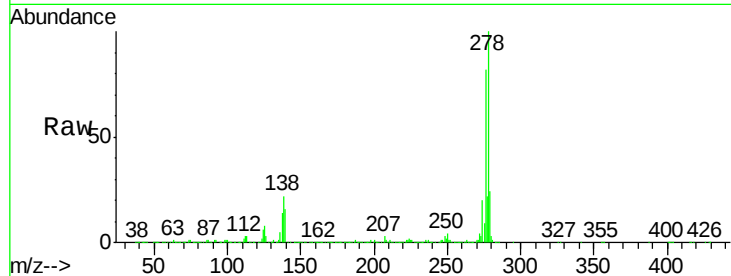
Tgt Ion:278 Resp: 6184404

Ion Ratio Lower Upper

278 100

139 16.0 14.2 21.2

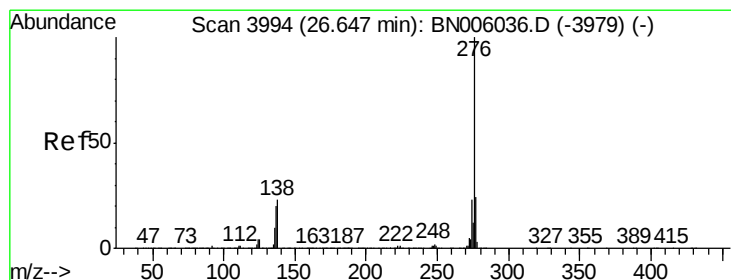
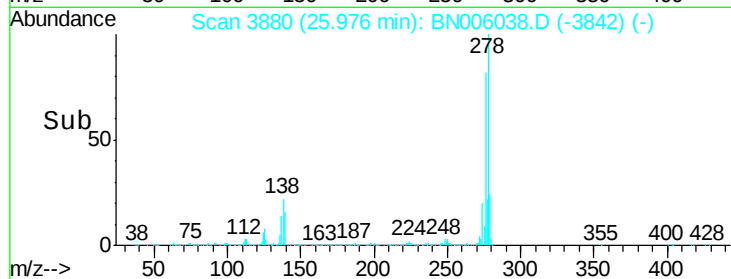
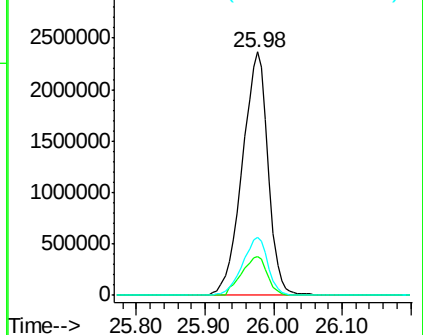
279 23.9 19.4 29.0



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



#93

Benzo(g,h,i)perylene

Concen: 74.631 ng/ul

RT: 26.67 min Scan# 3998

Delta R.T. 0.02 min

Lab File: BN006038.D

Acq: 03 Jun 2019 13:06

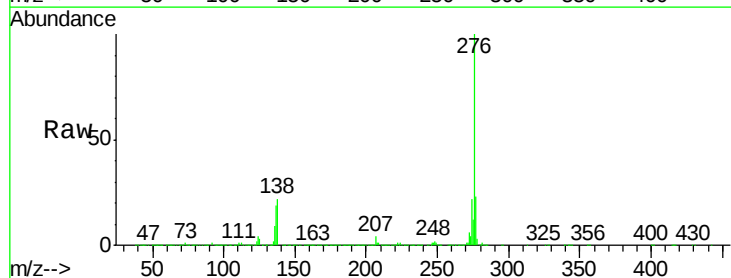
Tgt Ion:276 Resp: 6195646

Ion Ratio Lower Upper

276 100

138 21.7 18.8 28.2

277 23.2 19.4 29.2



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

