

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM071719\  
 Data File : BM021486.D  
 Acq On : 17 Jul 2019 08:31  
 Operator : HP/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

Quant Time: Jul 17 15:02:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 12 05:46:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 140737   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 546703   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 321537   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 730889   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.31 | 240  | 781784   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.57 | 264  | 889645   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 23139  | 8.10  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.90  | 99  | 204459 | 18.68 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 119952 | 18.49 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 177253 | 18.82 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 165855 | 19.03 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 82499  | 18.32 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 88813  | 17.44 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 188845 | 18.59 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.66 | 131 | 204473 | 22.27 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 517686 | 18.38 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.06 | 160 | 673476 | 19.05 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 74194  | 16.63 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.36 | 176 | 467405 | 18.60 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 76318  | 15.53 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.22 | 188 | 727126 | 19.15 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.52 | 212 | 803690 | 18.73 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.43 | 264 | 906548 | 17.72 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Qvalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 22870  | 7.616  | ng/uL 95  |
| 4) Benzaldehyde                | 6.89  | 77  | 147530 | 24.972 | ng/ul 100 |
| 6) Phenol                      | 6.93  | 94  | 211902 | 20.231 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.16  | 93  | 163909 | 20.240 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.29  | 128 | 179684 | 19.850 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.17  | 108 | 157124 | 19.687 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 208001 | 21.063 | ng/ul 98  |
| 14) Acetophenone               | 8.55  | 105 | 268226 | 20.431 | ng/ul 97  |
| 15) N-Nitroso-di-n-propylamine | 8.53  | 70  | 129949 | 19.740 | ng/ul 96  |
| 16) 4-Methylphenol             | 8.50  | 108 | 170107 | 20.103 | ng/ul 97  |
| 17) Hexachloroethane           | 8.79  | 117 | 81808  | 20.668 | ng/ul 98  |
| 20) Nitrobenzene               | 8.93  | 77  | 206959 | 20.518 | ng/ul 100 |
| 21) Isophorone                 | 9.45  | 82  | 351066 | 19.637 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.63  | 139 | 97338  | 19.195 | ng/ul 92  |
| 24) 2,4-Dimethylphenol         | 9.69  | 107 | 197697 | 20.038 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.93  | 93  | 224646 | 20.145 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.16 | 162 | 184414 | 19.851 | ng/ul 99  |
| 28) Naphthalene                | 10.56 | 128 | 578927 | 20.348 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.69 | 127 | 203140 | 23.145 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.83 | 225 | 141620 | 20.627 | ng/ul 99  |
| 32) Caprolactam                | 11.49 | 113 | 51171  | 21.107 | ng/ul 98  |
| 33) 4-Chloro-3-methylphenol    | 11.81 | 107 | 169196 | 19.566 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.17 | 142 | 416130 | 19.842 | ng/ul 99  |

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 Operator : HP/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

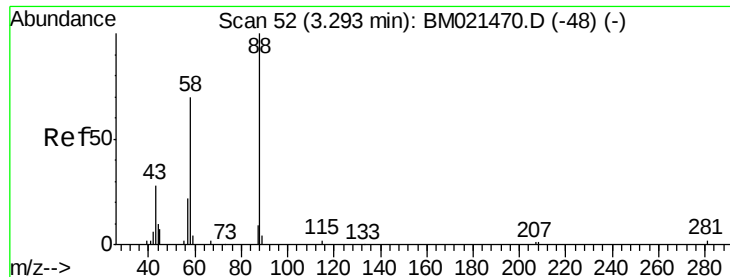
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

Quant Time: Jul 17 15:02:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 12 05:46:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.55 | 216  | 256736   | 20.531 | ng/ul | 98       |
| 37) Hexachlorocyclopentadiene  | 12.51 | 237  | 121209   | 19.054 | ng/ul | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.79 | 196  | 144764   | 19.452 | ng/ul | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.87 | 196  | 158086   | 20.042 | ng/ul | 98       |
| 40) 1,1'-Biphenyl              | 13.20 | 154  | 546873   | 20.321 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.24 | 162  | 440013   | 20.402 | ng/ul | 98       |
| 42) 2-Nitroaniline             | 13.46 | 65   | 88111    | 18.697 | ng/ul | 95       |
| 44) Dimethylphthalate          | 13.83 | 163  | 518622   | 19.778 | ng/ul | 99       |
| 45) 2,6-Dinitrotoluene         | 13.96 | 165  | 88715    | 18.579 | ng/ul | 98       |
| 47) Acenaphthylene             | 14.09 | 152  | 622495   | 20.236 | ng/ul | 100      |
| 48) 3-Nitroaniline             | 14.30 | 138  | 77205    | 17.974 | ng/ul | 99       |
| 49) Acenaphthene               | 14.43 | 153  | 453251   | 20.277 | ng/ul | 99       |
| 50) 2,4-Dinitrophenol          | 14.51 | 184  | 39931    | 13.905 | ng/ul | 90       |
| 52) 4-Nitrophenol              | 14.60 | 109  | 62764    | 18.882 | ng/ul | 93       |
| 53) Dibenzofuran               | 14.77 | 168  | 662013   | 20.445 | ng/ul | 100      |
| 54) 2,4-Dinitrotoluene         | 14.76 | 165  | 142232   | 19.421 | ng/ul | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 139033   | 19.778 | ng/ul | 98       |
| 56) Diethylphthalate           | 15.20 | 149  | 493988   | 19.621 | ng/ul | 97       |
| 58) Fluorene                   | 15.42 | 166  | 527253   | 20.127 | ng/ul | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.42 | 204  | 295768   | 20.202 | ng/ul | 98       |
| 60) 4-Nitroaniline             | 15.46 | 138  | 76233    | 17.284 | ng/ul | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 81902    | 16.756 | ng/ul | 99       |
| 64) N-Nitrosodiphenylamine     | 15.63 | 169  | 440236   | 20.248 | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.31 | 248  | 182839   | 20.219 | ng/ul | 97       |
| 66) Hexachlorobenzene          | 16.42 | 284  | 219371   | 20.404 | ng/ul | 98       |
| 67) Atrazine                   | 16.59 | 200  | 183909   | 22.895 | ng/ul | 99       |
| 68) Pentachlorophenol          | 16.77 | 266  | 101931   | 17.986 | ng/ul | 98       |
| 69) Phenanthrene               | 17.16 | 178  | 842953   | 20.454 | ng/ul | 99       |
| 71) Anthracene                 | 17.25 | 178  | 858627   | 20.470 | ng/ul | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.16 | 216  | 249007   | 20.783 | ng/uL | 98       |
| 73) Pentachlorobenzene         | 14.68 | 250  | 265400   | 21.503 | ng/uL | 99       |
| 74) Carbazole                  | 17.53 | 167  | 697009   | 20.020 | ng/ul | 99       |
| 75) Di-n-butylphthalate        | 18.09 | 149  | 755343   | 18.937 | ng/ul | 99       |
| 76) Fluoranthene               | 19.18 | 202  | 991806   | 20.267 | ng/ul | 99       |
| 79) Pyrene                     | 19.54 | 202  | 1033553  | 19.976 | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.45 | 149  | 317792   | 17.339 | ng/ul | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 314739   | 18.107 | ng/ul | 99       |
| 82) Benzo(a)anthracene         | 21.30 | 228  | 1079533  | 20.164 | ng/ul | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 479751   | 17.795 | ng/ul | 99       |
| 84) Chrysene                   | 21.34 | 228  | 1037800  | 20.620 | ng/ul | 100      |
| 86) Di-n-octyl phthalate       | 22.10 | 149  | 827845   | 17.226 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.89 | 252  | 1103455  | 19.904 | ng/ul | 100      |
| 88) Benzo(k)fluoranthene       | 22.93 | 252  | 1141862  | 20.678 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.47 | 252  | 1084005  | 20.243 | ng/ul | 100      |
| 91) Indeno(1,2,3-cd)pyrene     | 25.84 | 276  | 1359223  | 20.549 | ng/ul | 100      |
| 92) Dibenzo(a,h)anthracene     | 25.85 | 278  | 1145169  | 20.594 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.54 | 276  | 1133340  | 20.768 | ng/ul | 100      |

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





#2

1,4-Dioxane

Concen: 7.616 ng/uL

RT: 3.29 min Scan# 52

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

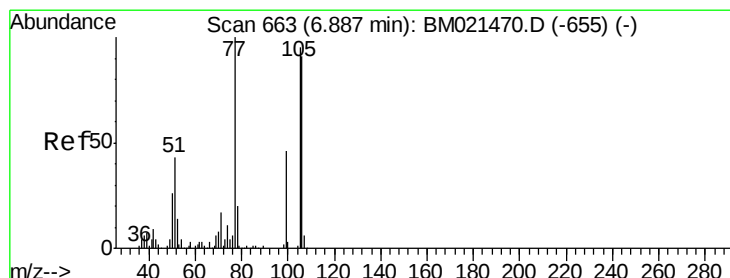
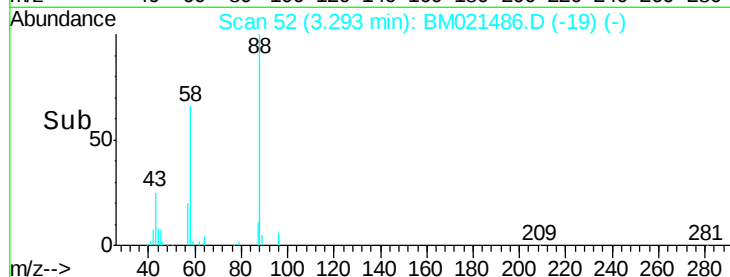
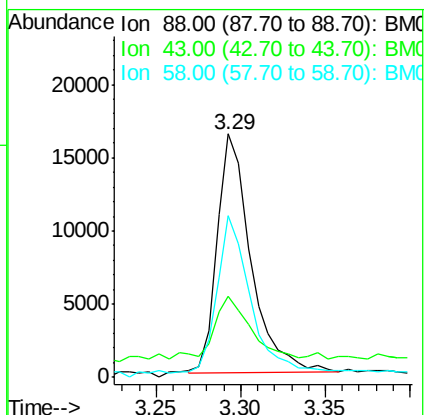
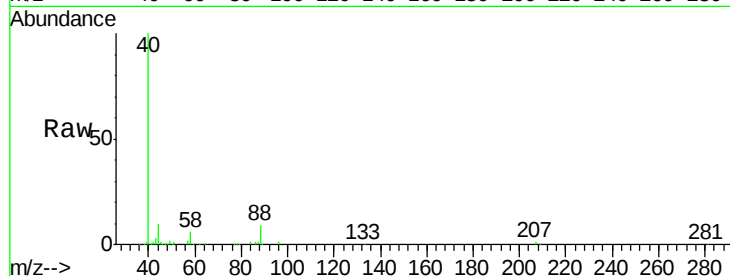
Tgt Ion: 88 Resp: 22870

Ion Ratio Lower Upper

88 100

43 33.5 23.4 35.2

58 66.3 50.6 75.8



#4

Benzaldehyde

Concen: 24.972 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

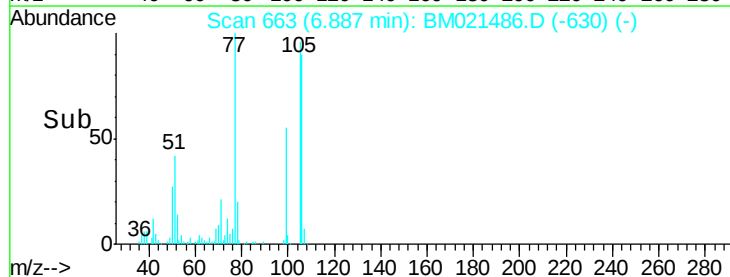
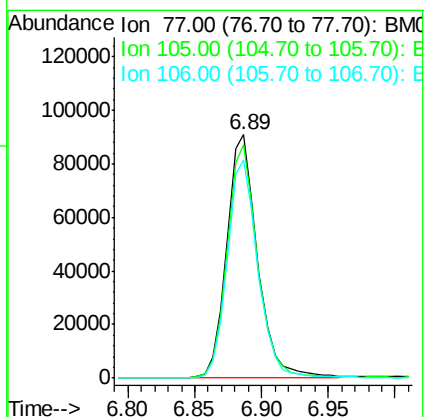
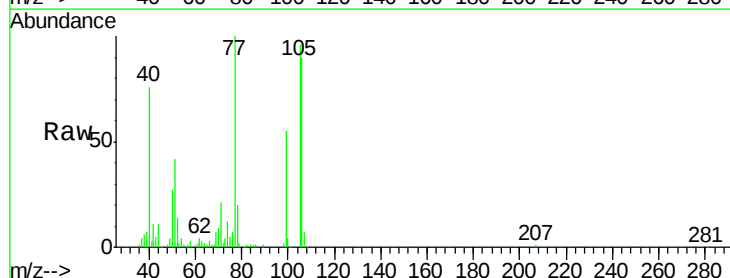
Tgt Ion: 77 Resp: 147530

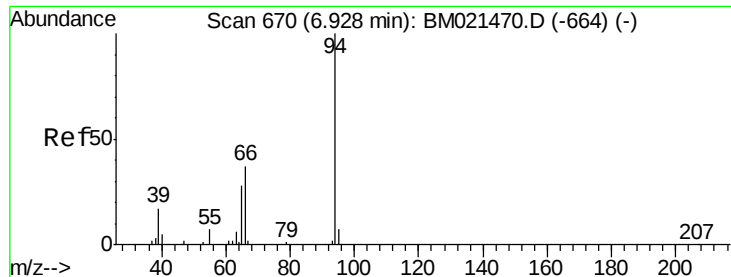
Ion Ratio Lower Upper

77 100

105 95.6 76.8 115.2

106 89.8 71.4 107.2





#6

Phenol

Concen: 20.231 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

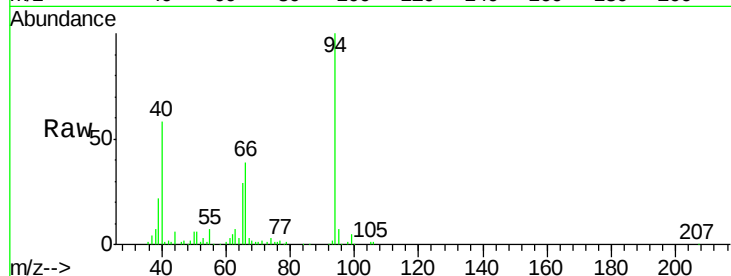
Tgt Ion: 94 Resp: 211902

Ion Ratio Lower Upper

94 100

65 29.4 23.0 34.6

66 39.4 31.6 47.4

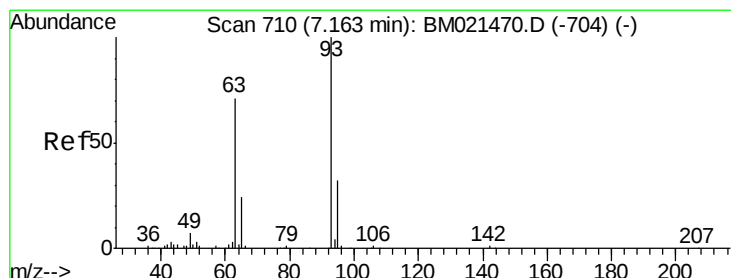
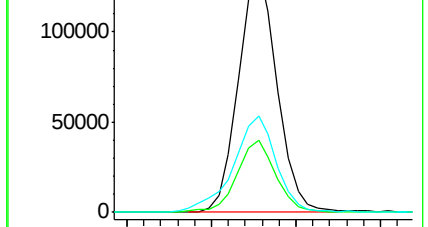
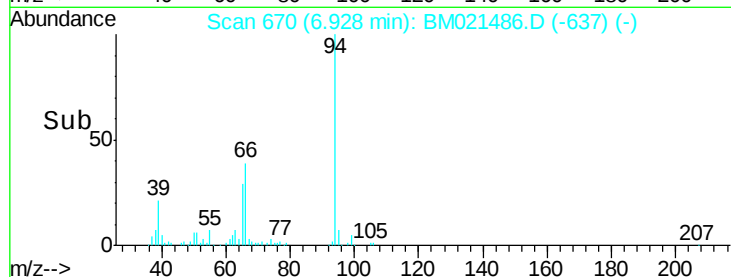


Abundance Ion 94.00 (93.70 to 94.70): BM021470.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM021470.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM021470.D (-664) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 20.240 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

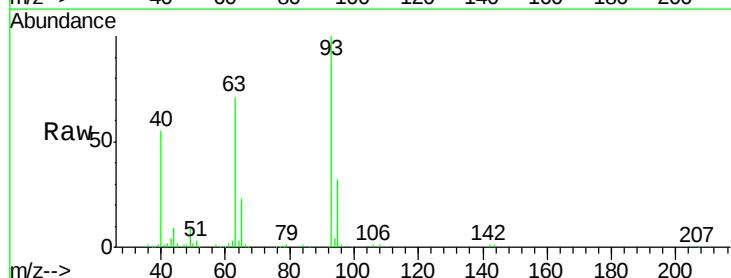
Tgt Ion: 93 Resp: 163909

Ion Ratio Lower Upper

93 100

63 71.1 56.6 85.0

95 31.6 25.8 38.6

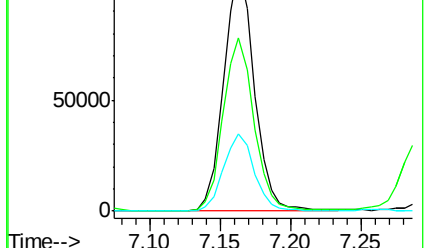
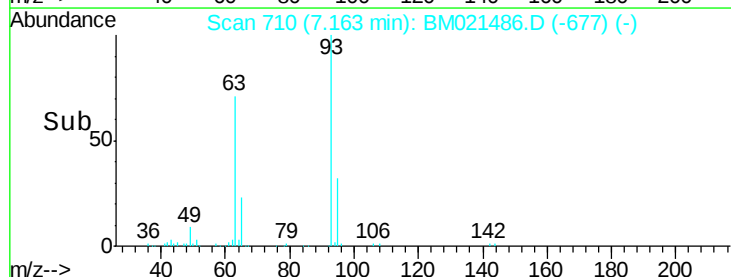


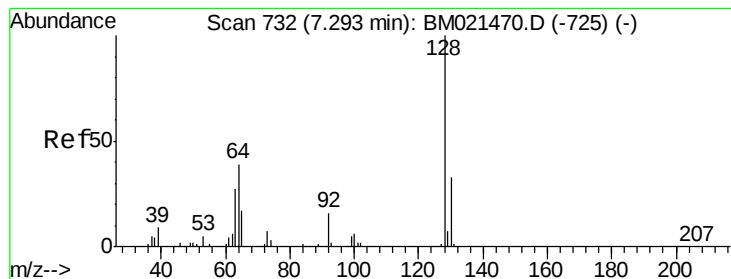
Abundance Ion 93.00 (92.70 to 93.70): BM021470.D (-704) (-)

Ion 63.00 (62.70 to 63.70): BM021470.D (-704) (-)

Ion 95.00 (94.70 to 95.70): BM021470.D (-704) (-)

Time-->





#10

2-Chlorophenol

Concen: 19.850 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

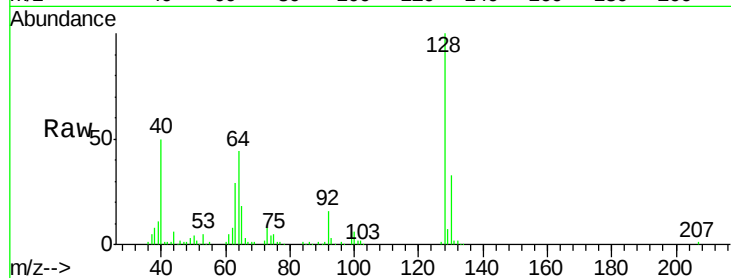
Tgt Ion:128 Resp: 179684

Ion Ratio Lower Upper

128 100

64 43.7 34.4 51.6

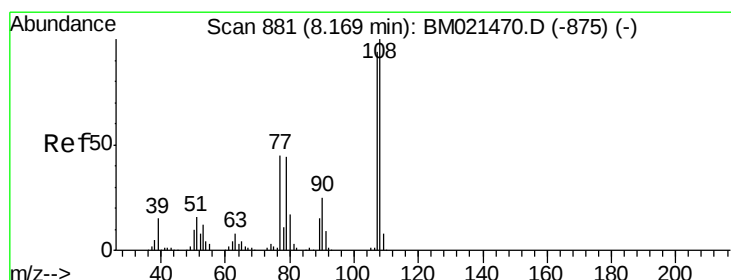
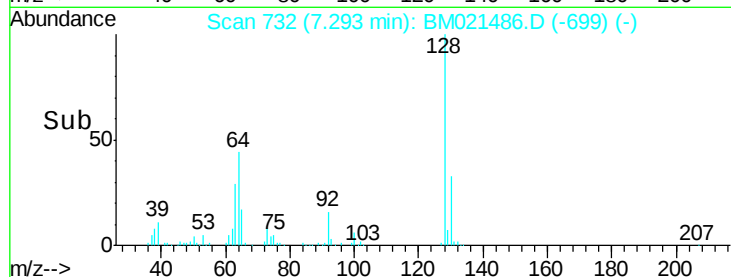
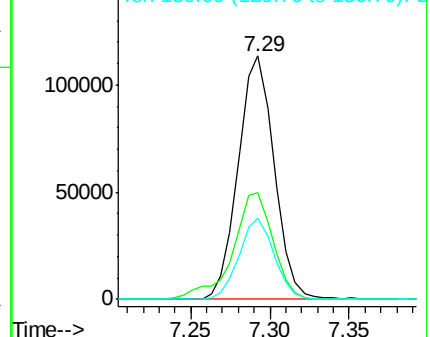
130 33.2 26.9 40.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.687 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM021486.D

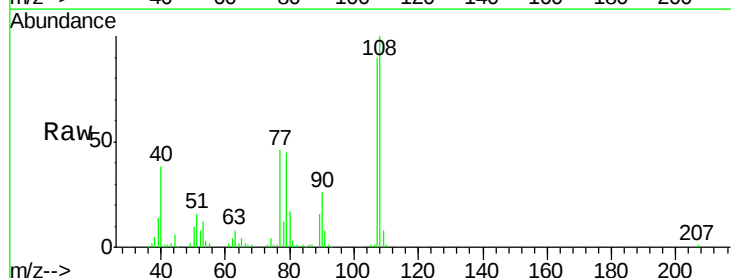
Acq: 17 Jul 2019 08:31

Tgt Ion:108 Resp: 157124

Ion Ratio Lower Upper

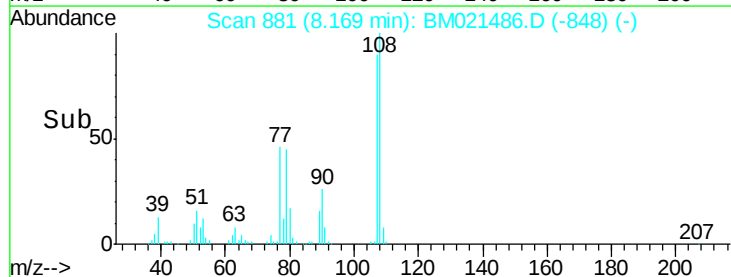
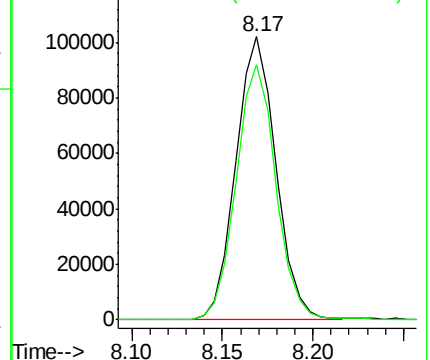
108 100

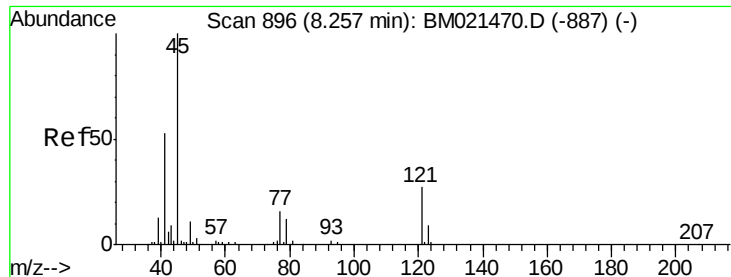
107 90.2 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

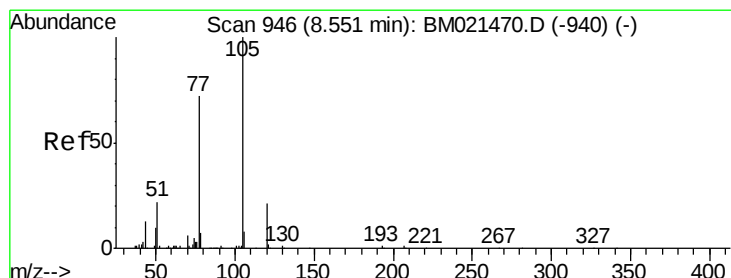
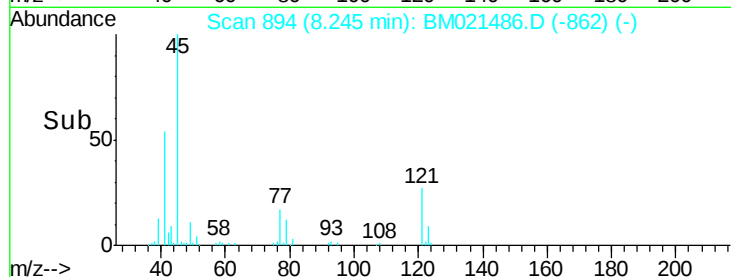
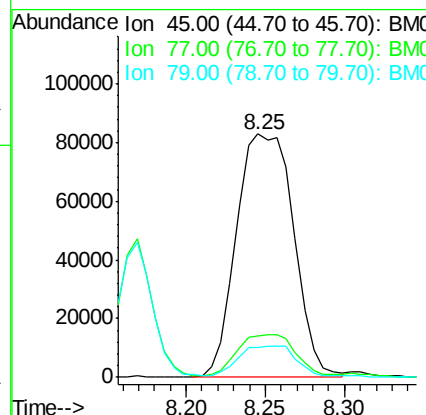
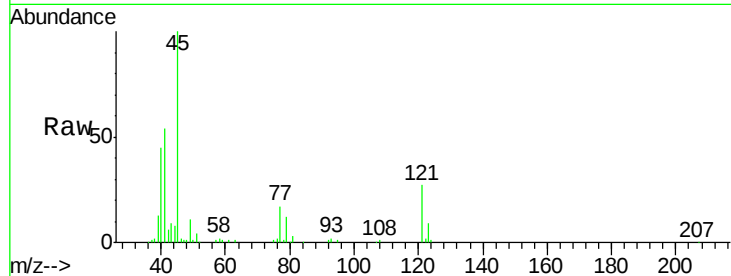




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.063 ng/ul  
RT: 8.25 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

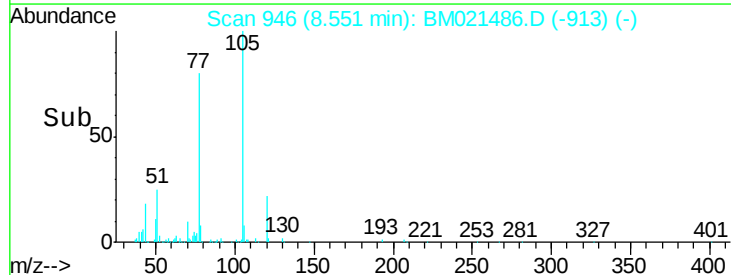
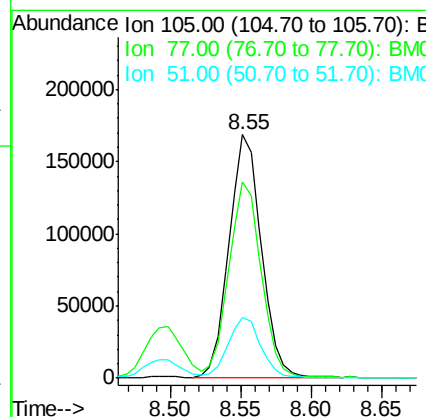
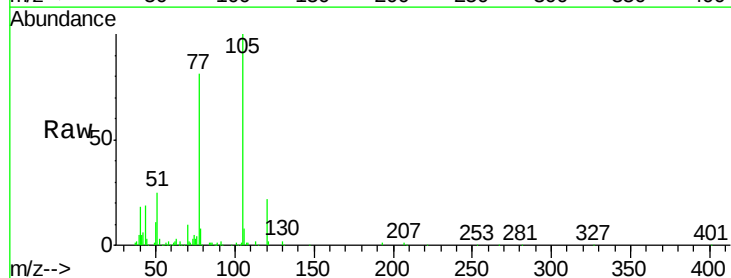
Instrument :  
BNA\_M  
ClientSampled :  
SSTD02042

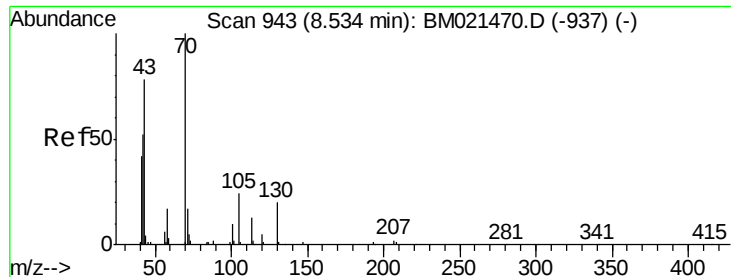
Tgt Ion: 45 Resp: 208001  
Ion Ratio Lower Upper  
45 100  
77 16.8 14.2 21.2  
79 12.3 10.7 16.1



#14  
Acetophenone  
Concen: 20.431 ng/ul  
RT: 8.55 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion: 105 Resp: 268226  
Ion Ratio Lower Upper  
105 100  
77 80.6 62.1 93.1  
51 25.1 20.2 30.4

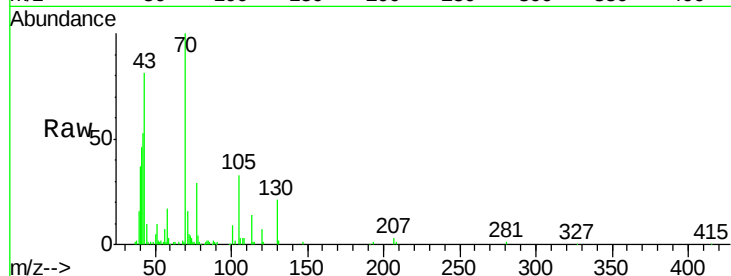




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.740 ng/ul  
RT: 8.53 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 129949 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.6  | 39.9  | 59.9   |
| 101      | 8.8   | 7.6   | 11.4   |
| 130      | 20.9  | 18.5  | 27.7   |

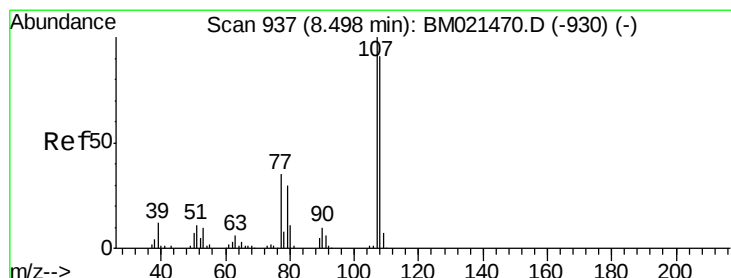
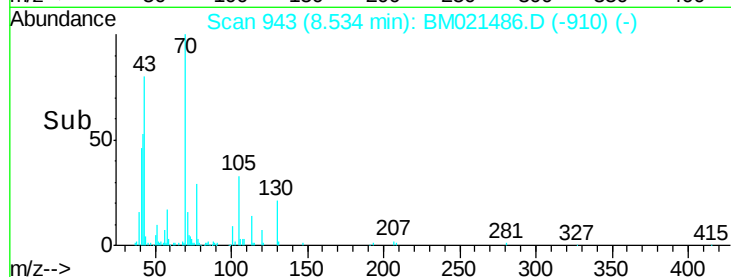
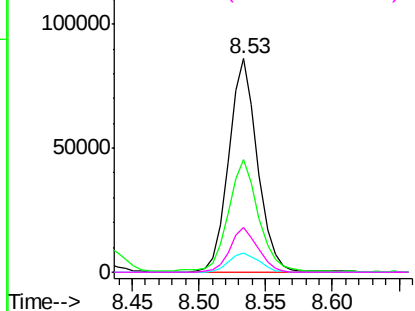


Abundance Ion 70.00 (69.70 to 70.70): BM021470.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM021470.D (-937) (-)

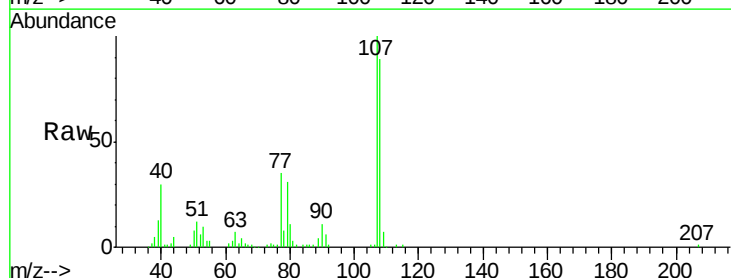
Ion 101.00 (100.70 to 101.70): BM021470.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM021470.D (-937) (-)



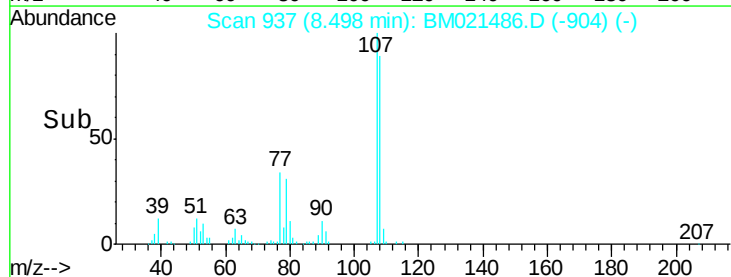
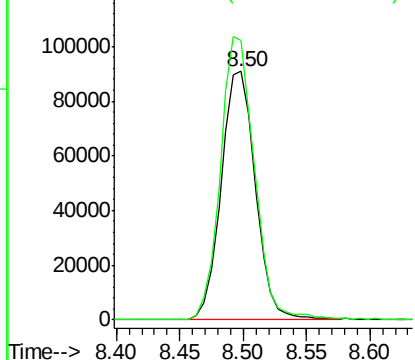
#16  
4-Methylphenol  
Concen: 20.103 ng/ul  
RT: 8.50 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

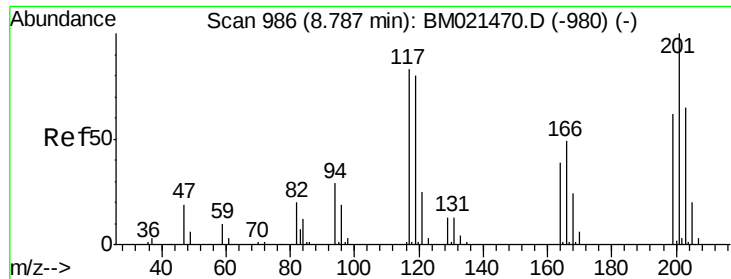
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 170107 |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 112.5 | 87.2  | 130.8  |



Abundance Ion 108.00 (107.70 to 108.70): BM021470.D (-930) (-)

Ion 107.00 (106.70 to 107.70): BM021470.D (-930) (-)

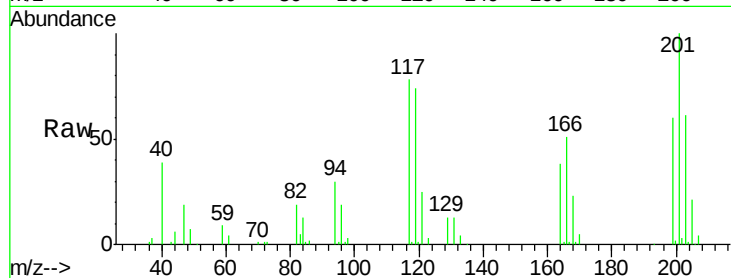




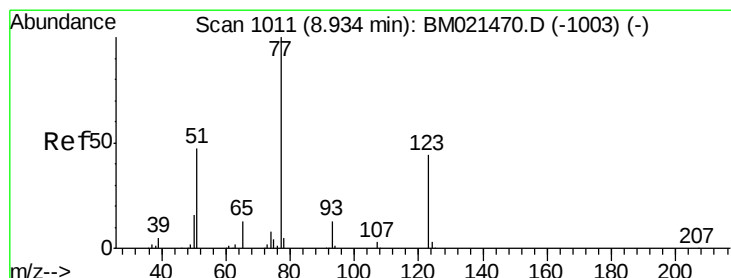
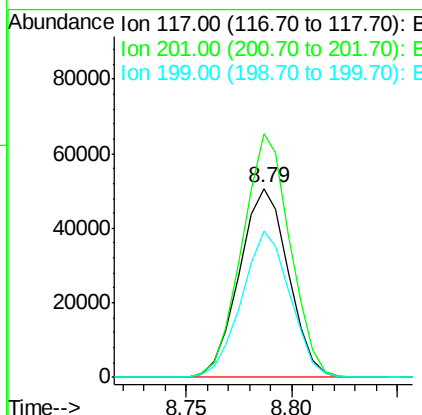
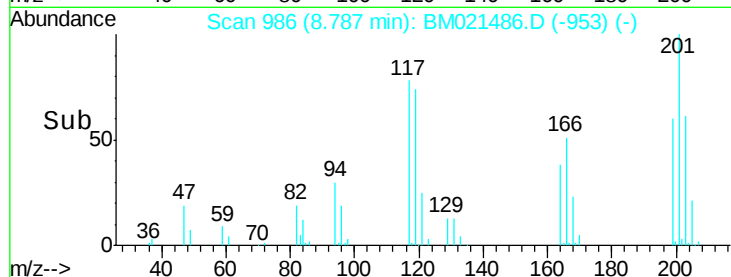
#17  
Hexachloroethane  
Concen: 20.668 ng/ul  
RT: 8.79 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

Tgt Ion: 117 Resp: 81808  
Ion Ratio Lower Upper  
117 100  
201 128.7 99.7 149.5  
199 77.4 62.2 93.4

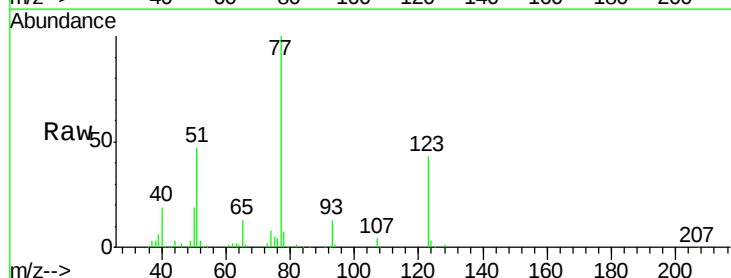


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

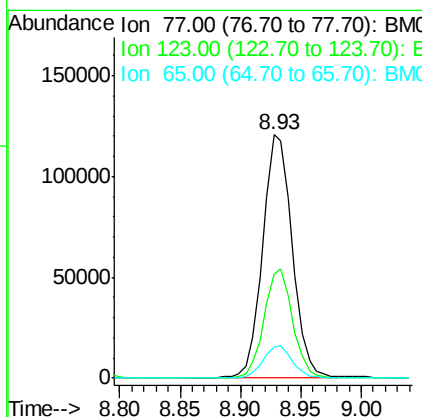
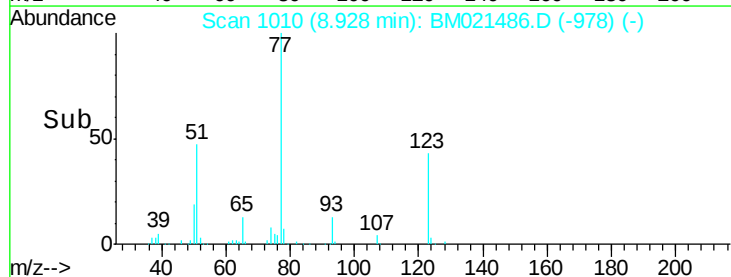


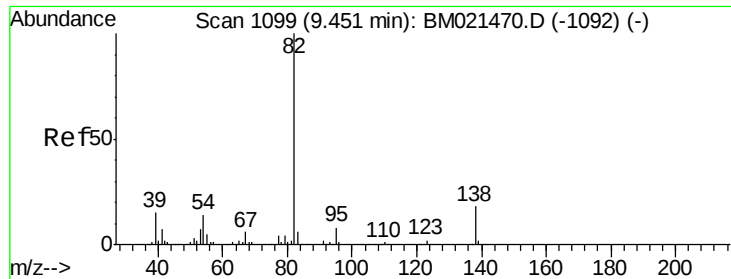
#20  
Nitrobenzene  
Concen: 20.518 ng/ul  
RT: 8.93 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion: 77 Resp: 206959  
Ion Ratio Lower Upper  
77 100  
123 42.8 34.3 51.5  
65 12.7 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0

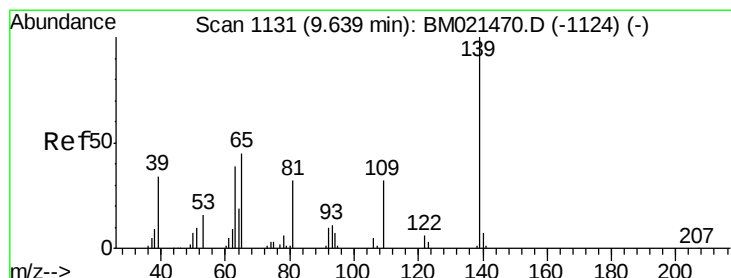
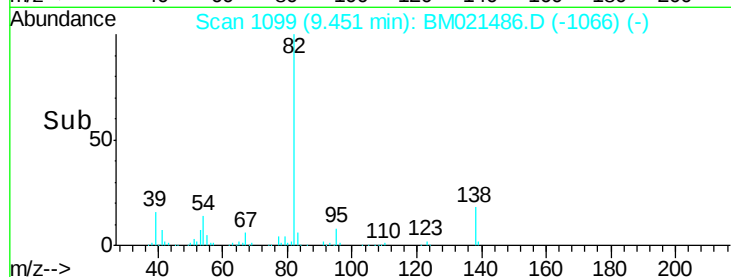
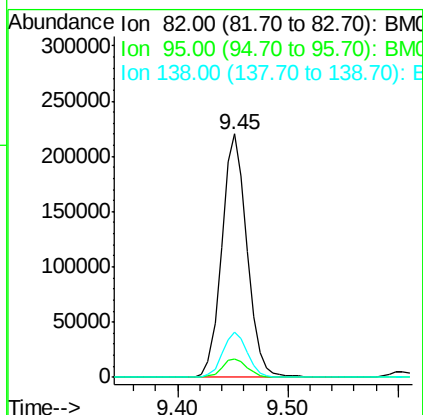
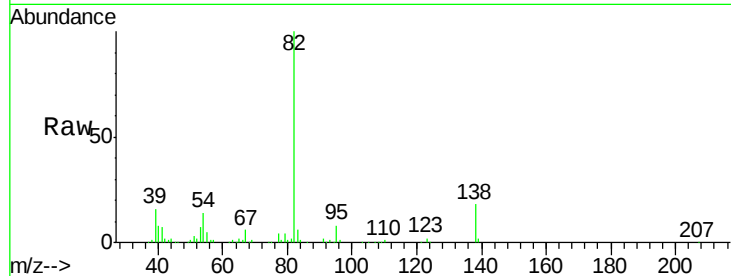




#21  
Isophorone  
Concen: 19.637 ng/ul  
RT: 9.45 min Scan# 1099  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

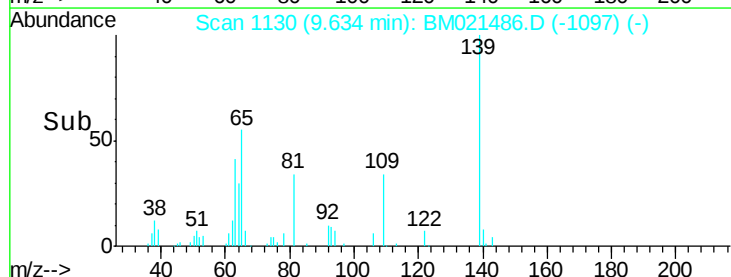
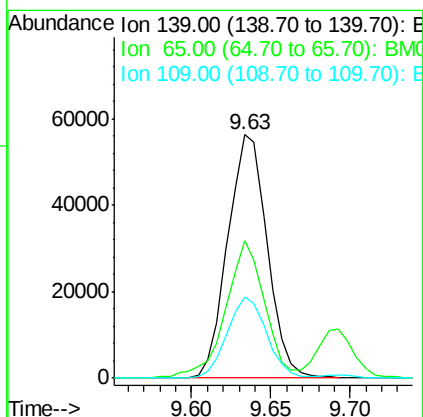
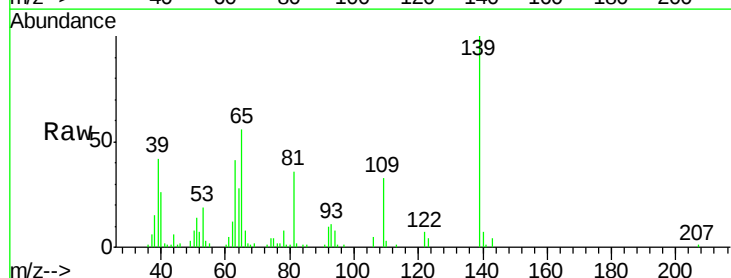
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

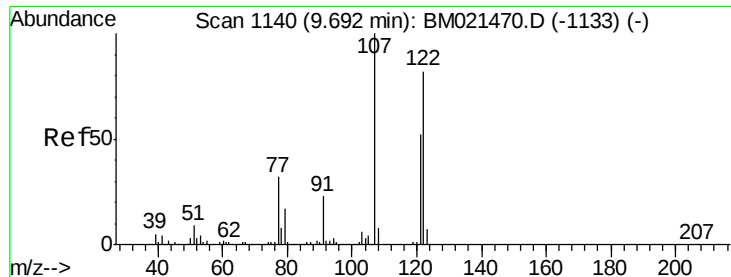
Tgt Ion: 82 Resp: 351066  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.3 9.5  
138 18.3 15.2 22.8



#23  
2-Nitrophenol  
Concen: 19.195 ng/ul  
RT: 9.63 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion: 139 Resp: 97338  
Ion Ratio Lower Upper  
139 100  
65 56.5 40.2 60.4  
109 33.0 23.2 34.8

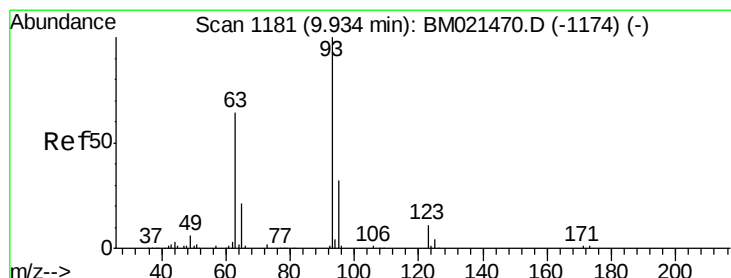
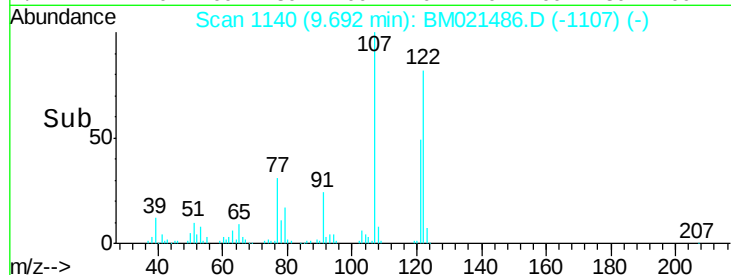
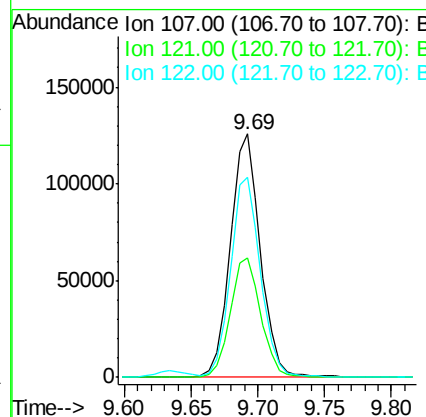
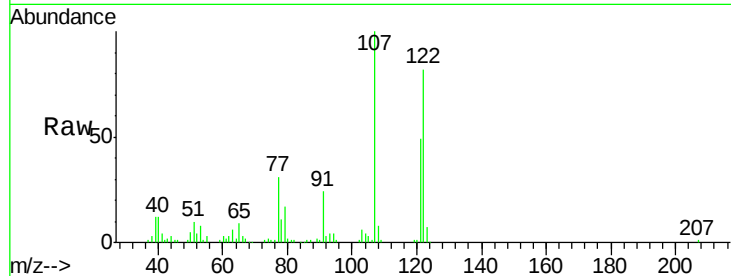




#24  
 2,4-Dimethylphenol  
 Concen: 20.038 ng/ul  
 RT: 9.69 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

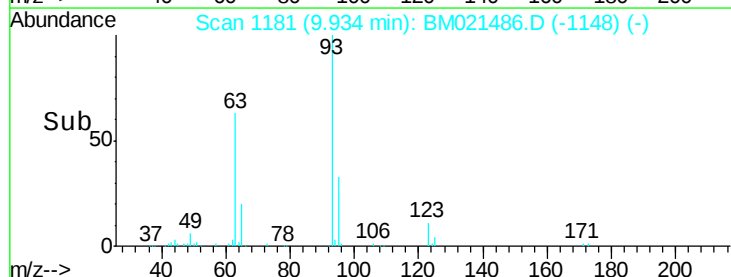
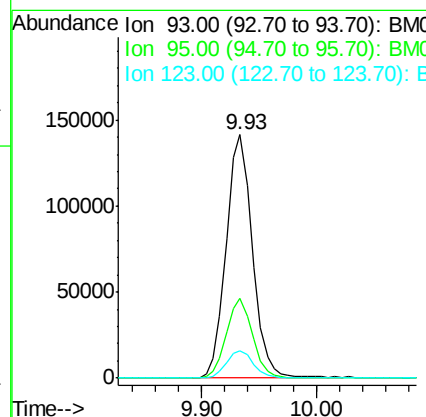
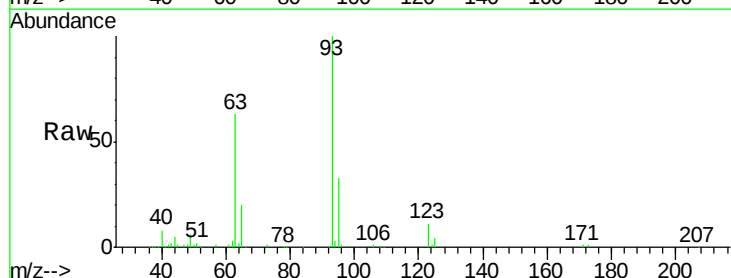
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

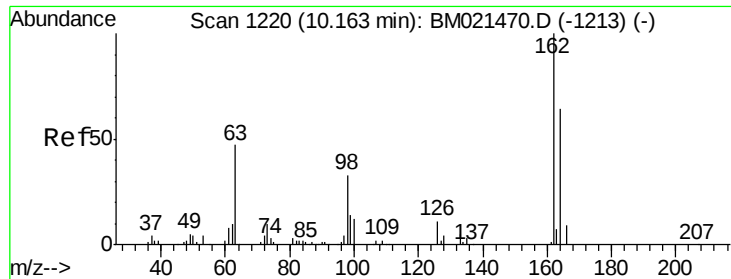
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.1  | 40.5  | 60.7  |
| 122     | 82.1  | 67.3  | 100.9 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.145 ng/ul  
 RT: 9.93 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.8  | 40.2  |
| 123     | 11.2  | 8.9   | 13.3  |

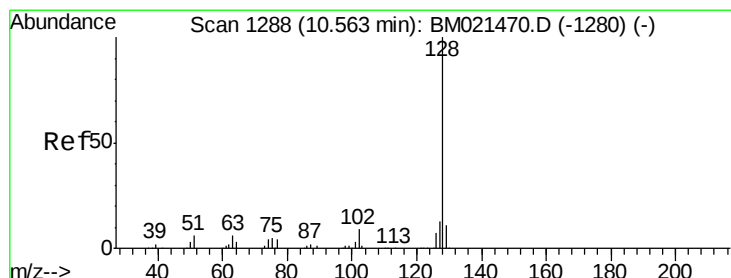
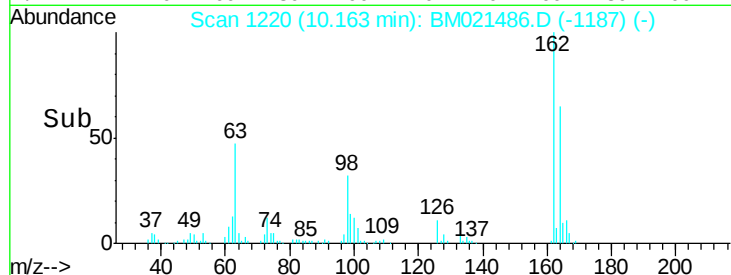
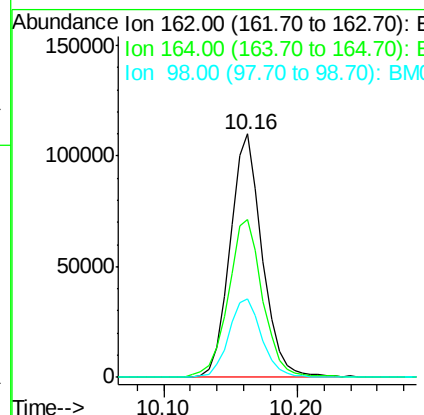
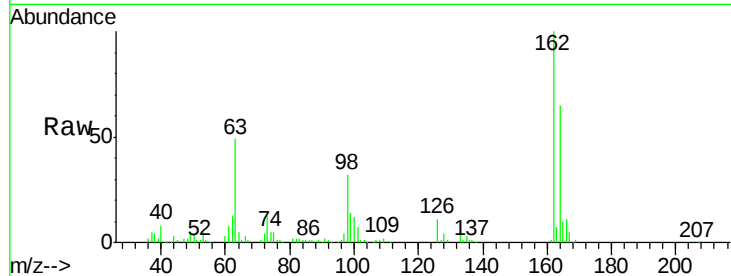




#27  
 2,4-Dichlorophenol  
 Concen: 19.851 ng/ul  
 RT: 10.16 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

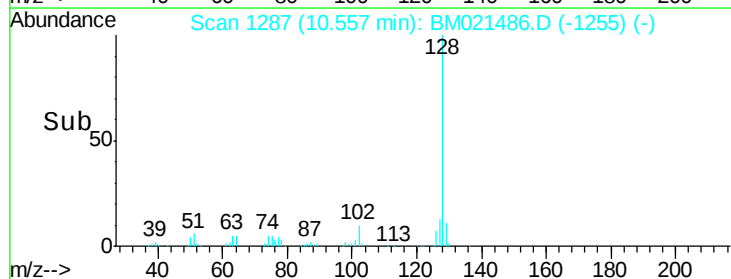
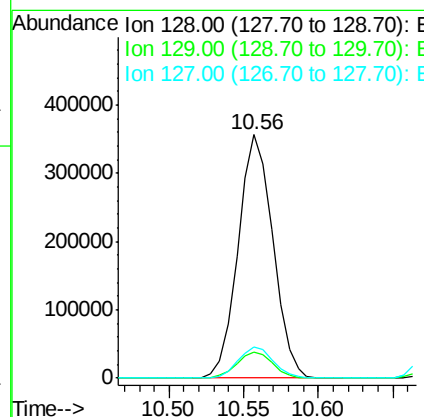
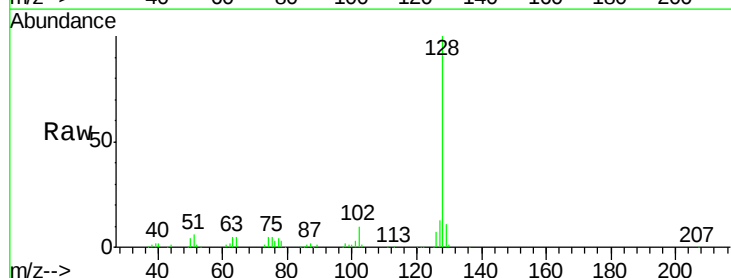
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

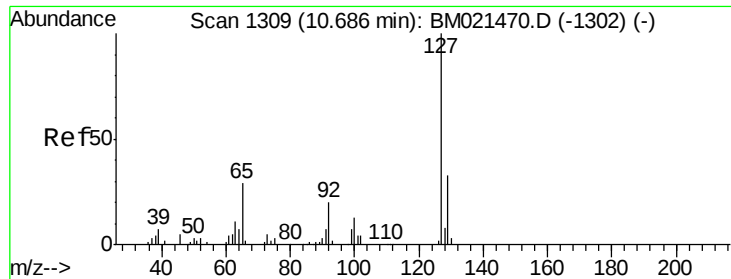
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 52.6  | 78.8  |
| 98      | 32.4  | 26.5  | 39.7  |



#28  
 Naphthalene  
 Concen: 20.348 ng/ul  
 RT: 10.56 min Scan# 1287  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.7   | 13.1  |
| 127     | 12.7  | 10.6  | 16.0  |

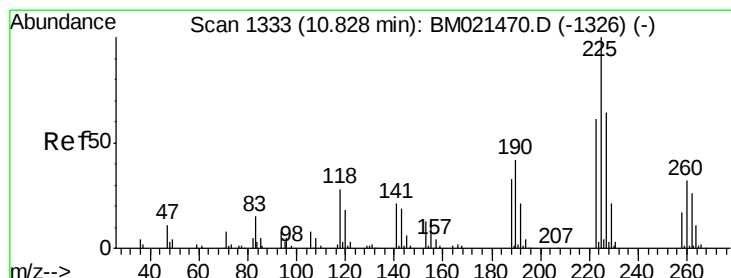
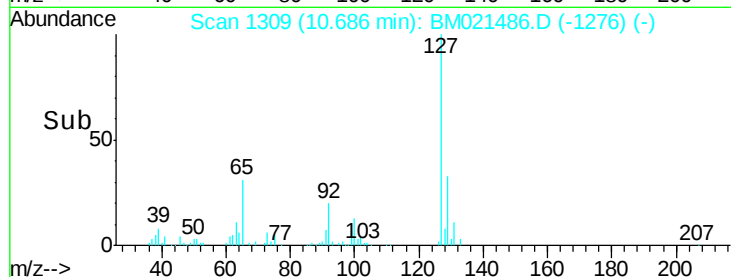
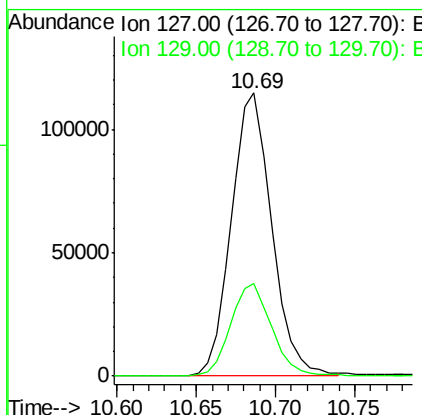
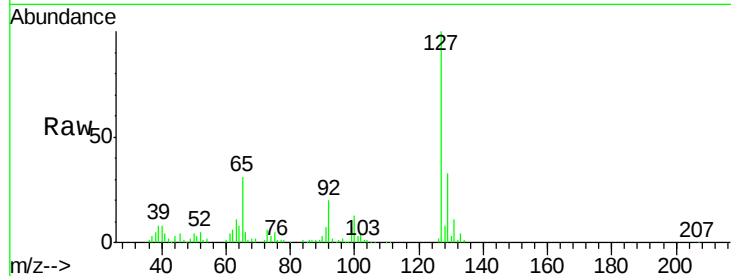




#30  
4-Chloroaniline  
Concen: 23.145 ng/ul  
RT: 10.69 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

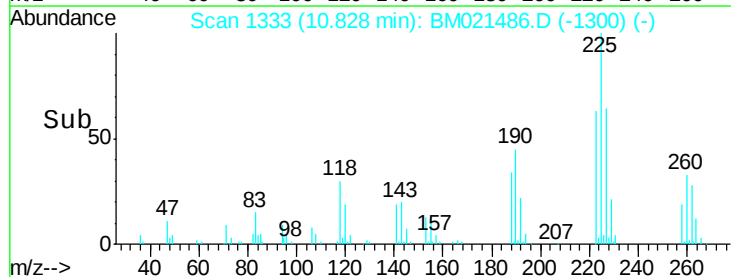
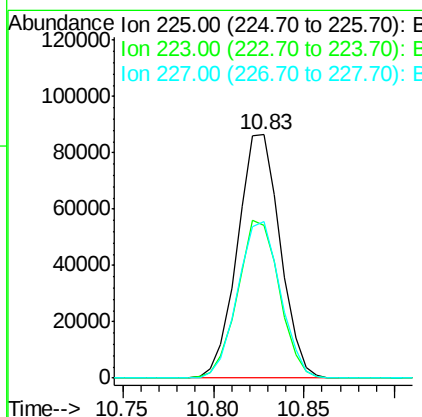
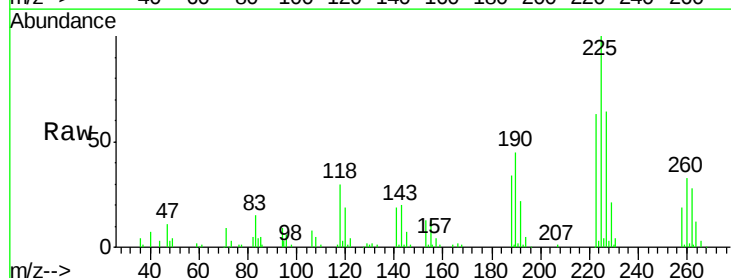
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

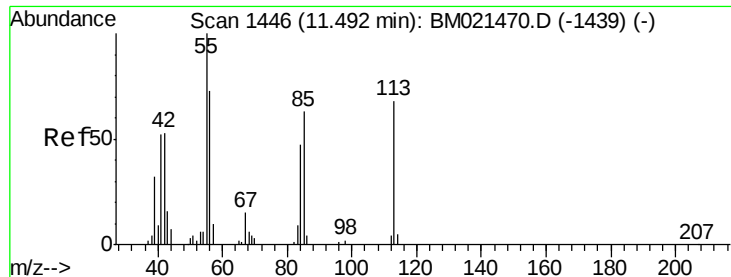
Tgt Ion:127 Resp: 203140  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.0 37.6



#31  
Hexachlorobutadiene  
Concen: 20.627 ng/ul  
RT: 10.83 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion:225 Resp: 141620  
Ion Ratio Lower Upper  
225 100  
223 62.7 49.9 74.9  
227 64.2 51.8 77.8





#32

Caprolactam

Concen: 21.107 ng/ul

RT: 11.49 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

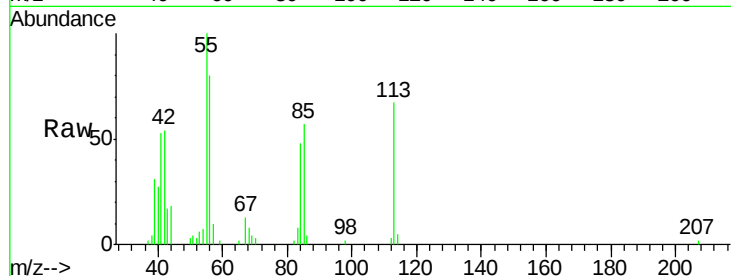
Tgt Ion:113 Resp: 51171

Ion Ratio Lower Upper

113 100

55 149.0 121.0 181.4

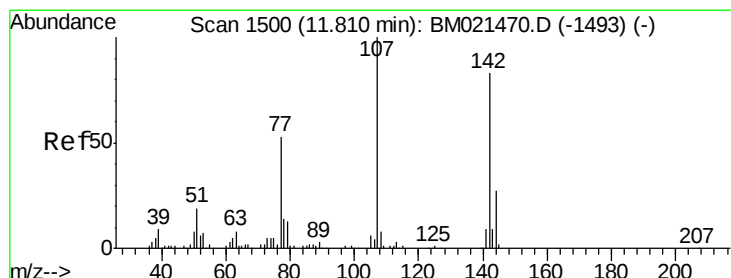
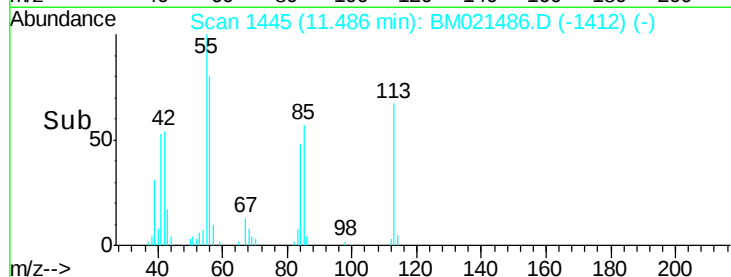
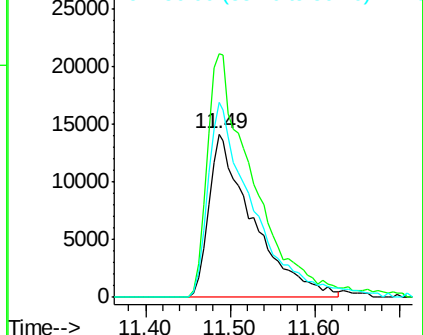
56 119.5 92.8 139.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.566 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

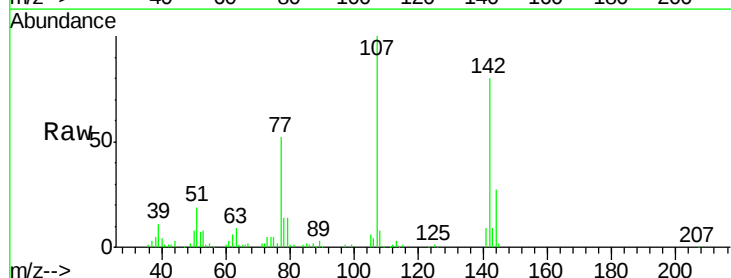
Tgt Ion:107 Resp: 169196

Ion Ratio Lower Upper

107 100

144 26.9 21.4 32.2

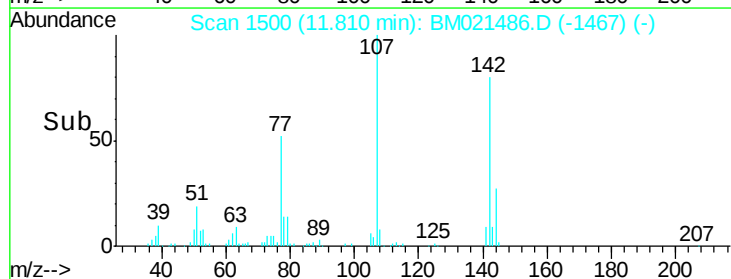
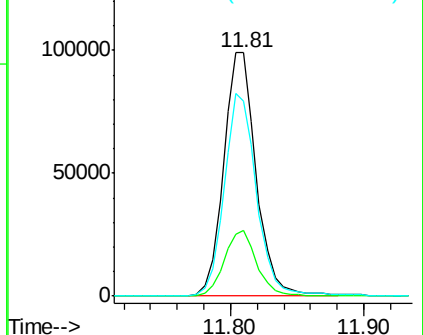
142 80.0 64.7 97.1

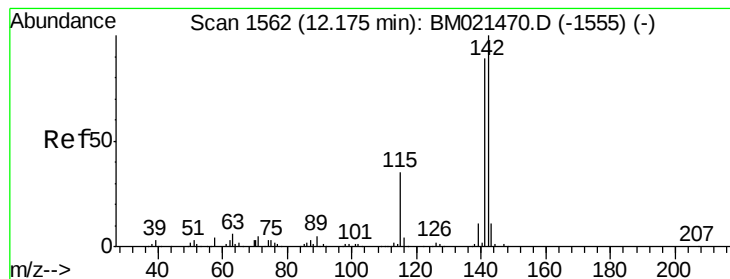


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.842 ng/ul

RT: 12.17 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

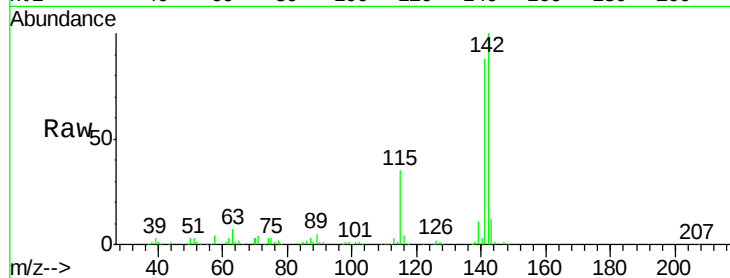
SSTD02042

Tgt Ion:142 Resp: 416130

Ion Ratio Lower Upper

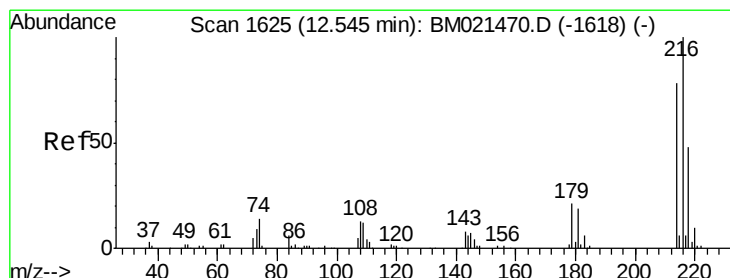
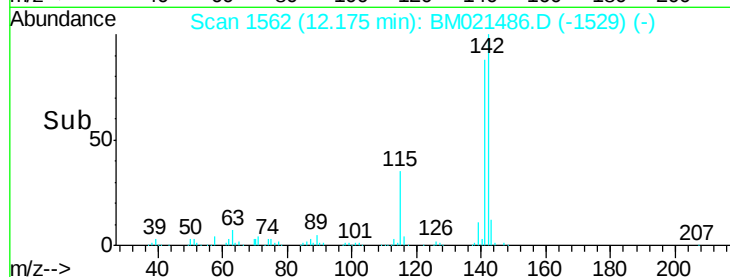
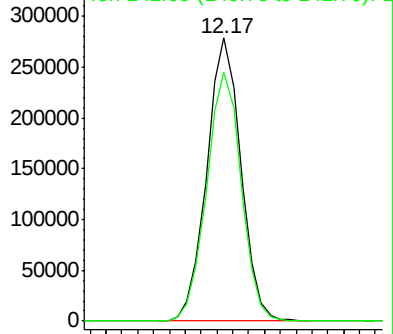
142 100

141 88.0 71.1 106.7



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: 20.531 ng/ul

RT: 12.55 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Tgt Ion:216 Resp: 256736

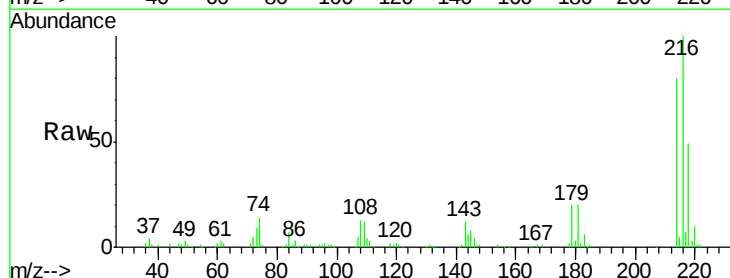
Ion Ratio Lower Upper

216 100

214 80.3 62.9 94.3

179 19.7 16.2 24.2

108 13.3 11.2 16.8

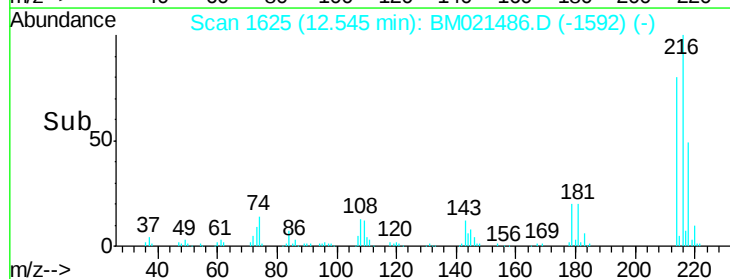
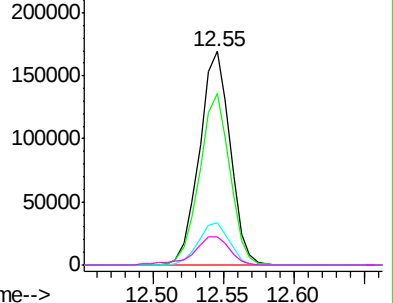


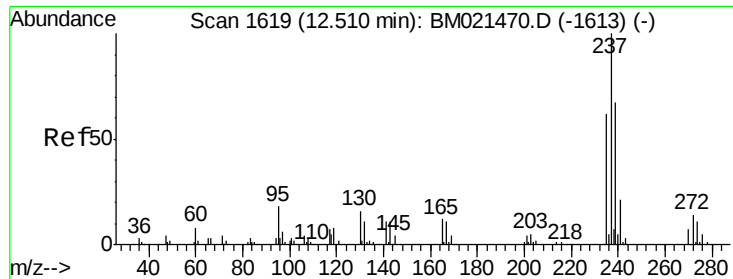
Abundance Ion 216.00 (215.70 to 216.70): E

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

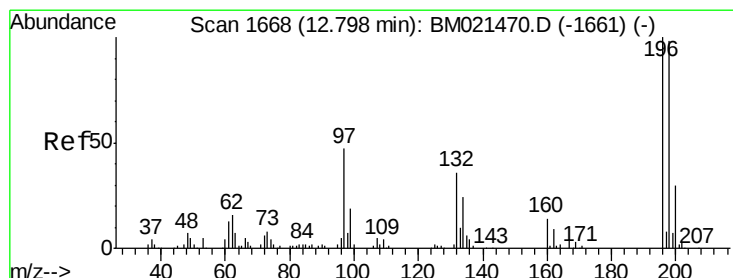
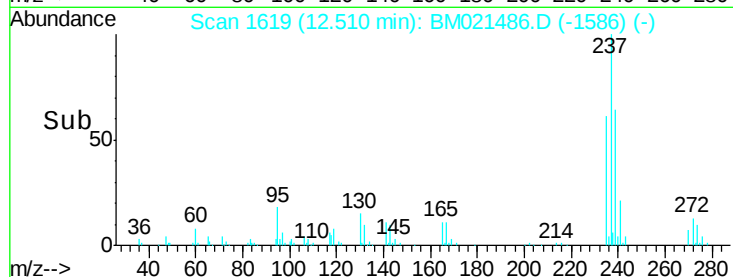
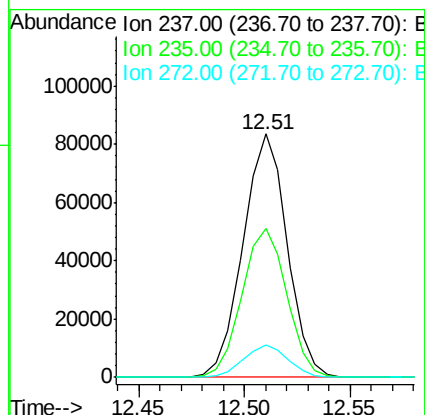
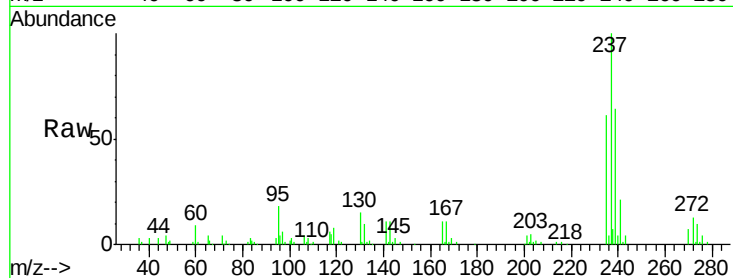




#37  
Hexachlorocyclopentadiene  
Concen: 19.054 ng/ul  
RT: 12.51 min Scan# 1619  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

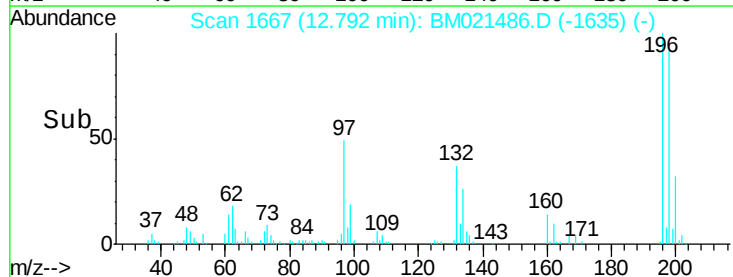
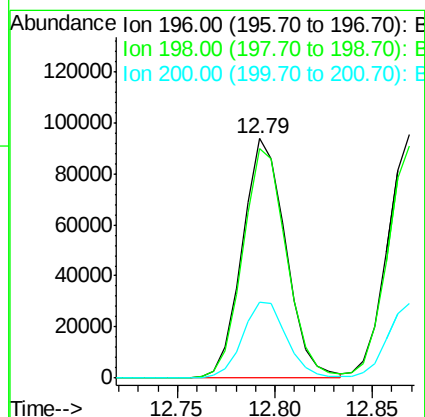
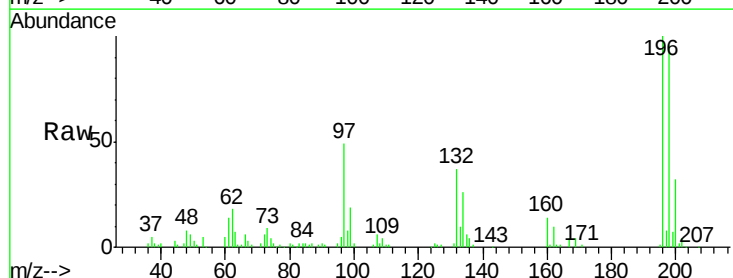
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

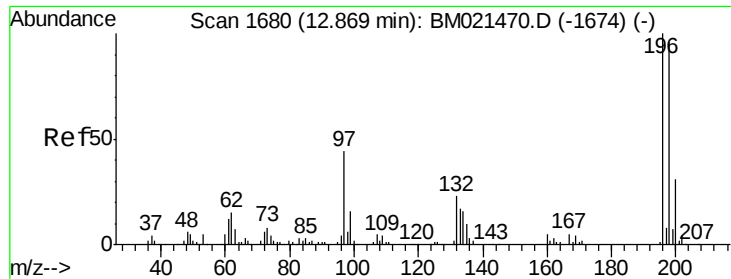
Tgt Ion: 237 Resp: 121209  
Ion Ratio Lower Upper  
237 100  
235 61.0 49.4 74.2  
272 13.3 9.7 14.5



#38  
2,4,6-Trichlorophenol  
Concen: 19.452 ng/ul  
RT: 12.79 min Scan# 1667  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion: 196 Resp: 144764  
Ion Ratio Lower Upper  
196 100  
198 95.6 73.7 110.5  
200 31.7 24.6 36.8

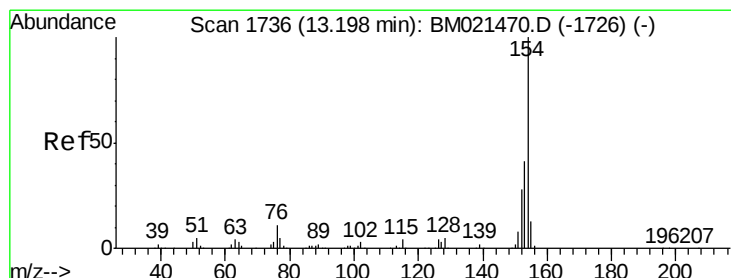
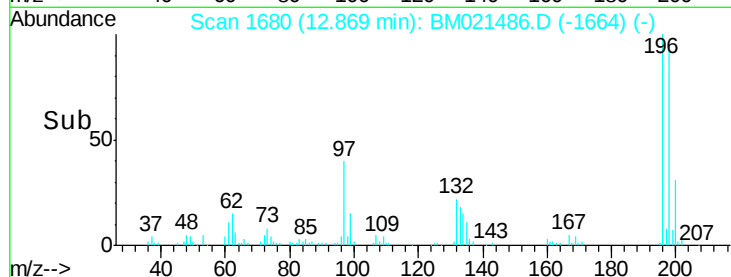
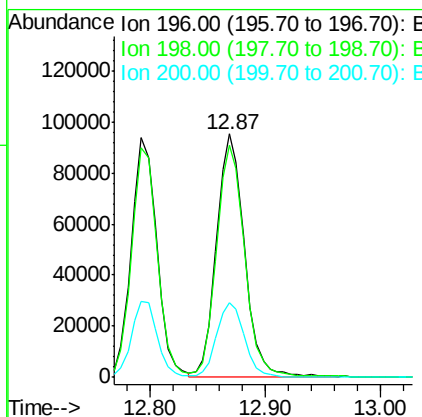
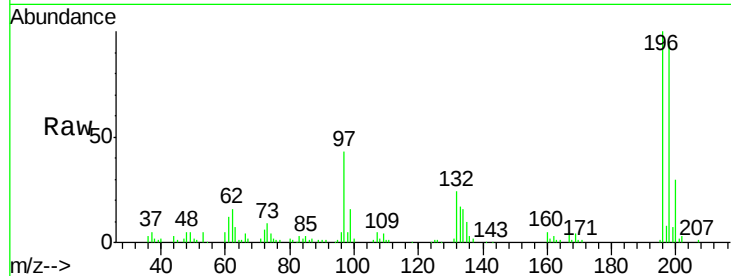




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.042 ng/ul  
 RT: 12.87 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

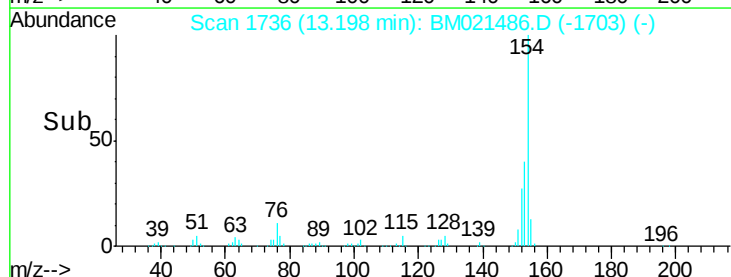
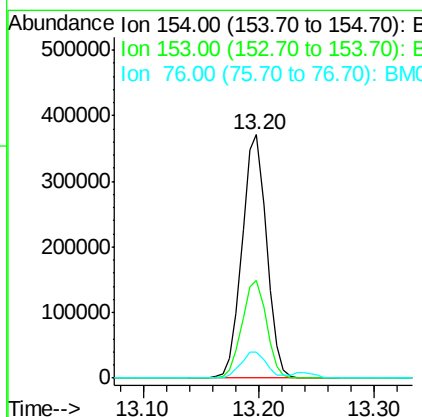
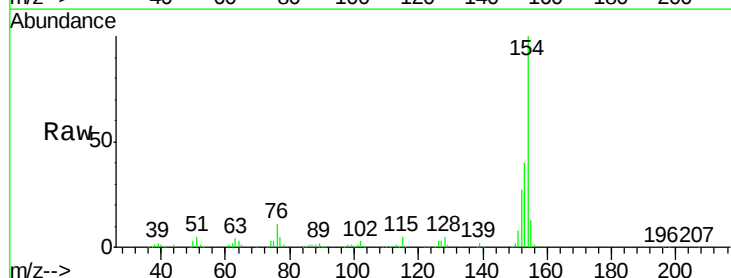
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

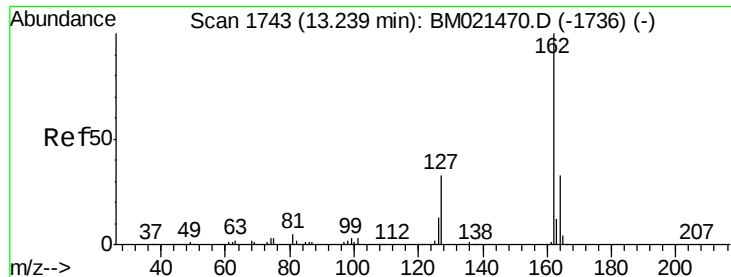
Tgt Ion:196 Resp: 158086  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 74.8 112.2  
 200 30.4 24.7 37.1



#40  
 1,1'-Biphenyl  
 Concen: 20.321 ng/ul  
 RT: 13.20 min Scan# 1736  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Tgt Ion:154 Resp: 546873  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 32.7 49.1  
 76 10.8 8.5 12.7

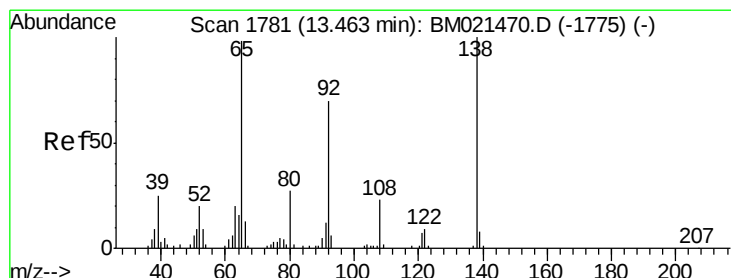
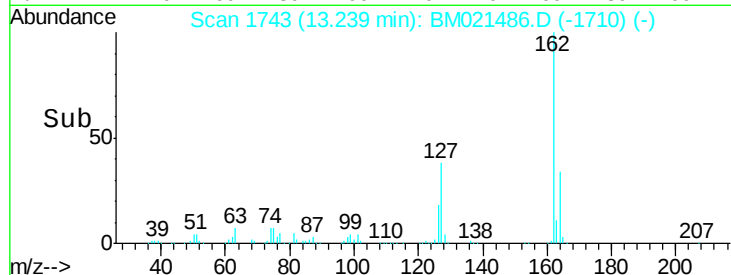
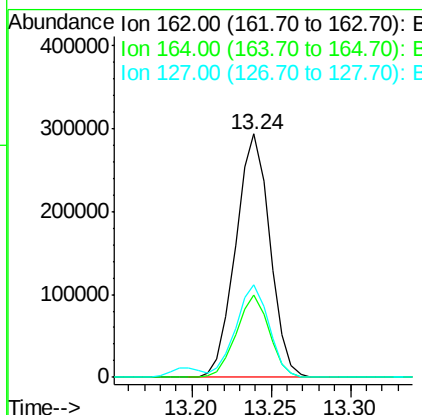
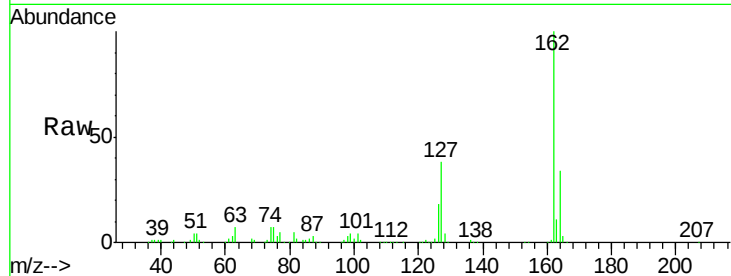




#41  
2-Chloronaphthalene  
Concen: 20.402 ng/ul  
RT: 13.24 min Scan# 1743  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

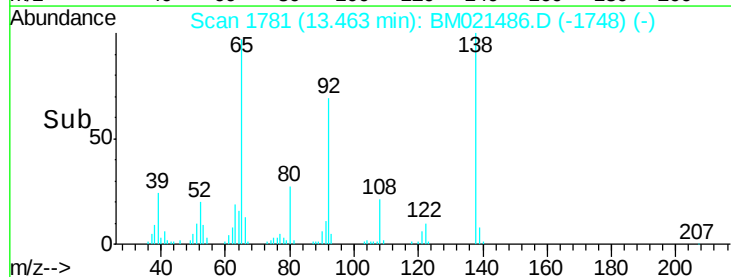
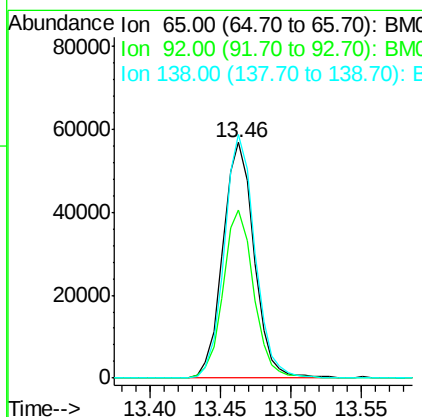
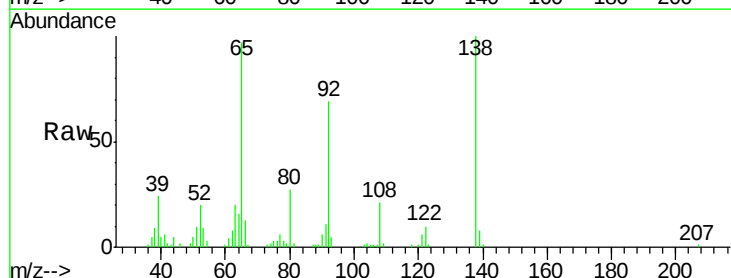
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

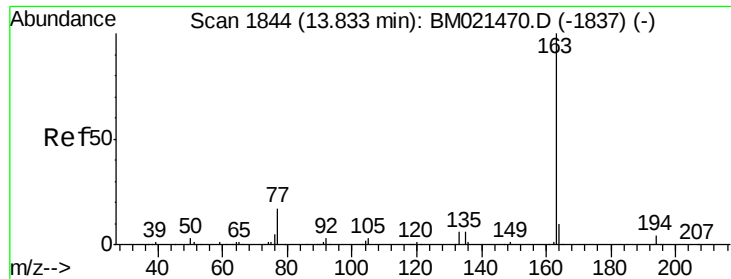
Tgt Ion: 162 Resp: 440013  
Ion Ratio Lower Upper  
162 100  
164 33.6 26.6 40.0  
127 37.8 28.6 42.8



#42  
2-Nitroaniline  
Concen: 18.697 ng/ul  
RT: 13.46 min Scan# 1781  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion: 65 Resp: 88111  
Ion Ratio Lower Upper  
65 100  
92 71.2 57.4 86.2  
138 103.3 89.0 133.6





#44

Dimethylphthalate

Concen: 19.778 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

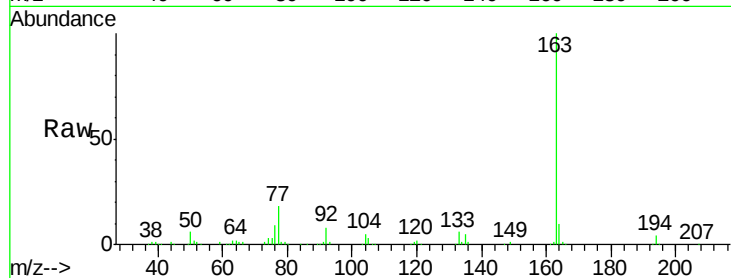
Tgt Ion:163 Resp: 518622

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

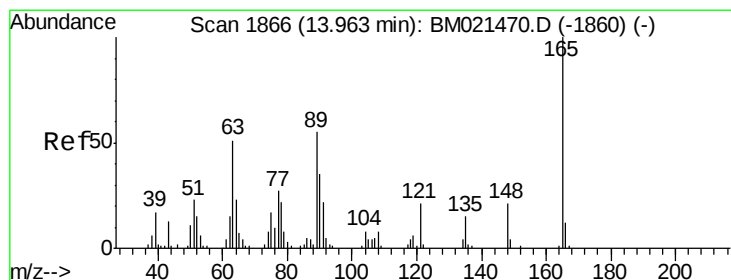
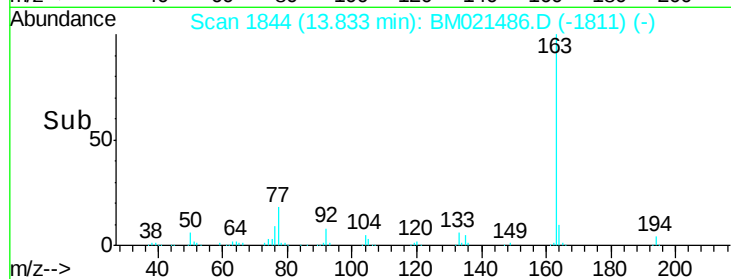
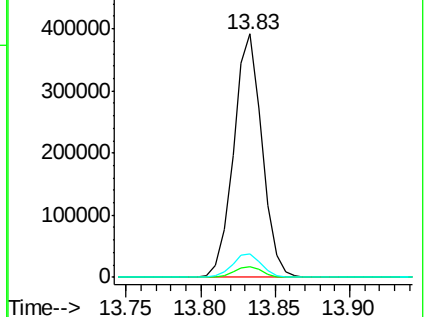
164 9.8 8.3 12.5



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: 18.579 ng/ul

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

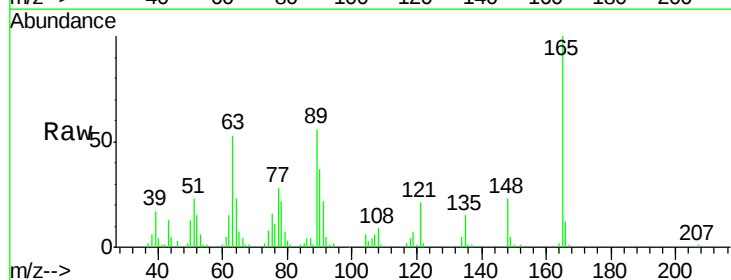
Tgt Ion:165 Resp: 88715

Ion Ratio Lower Upper

165 100

89 55.8 45.4 68.2

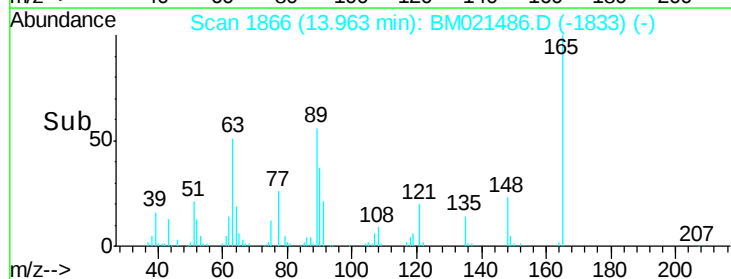
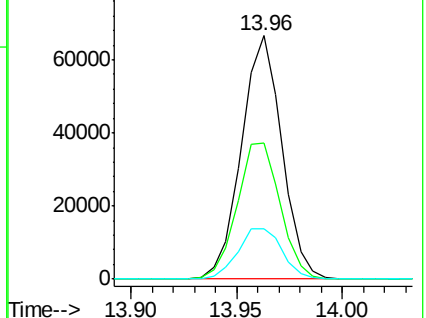
121 20.9 18.1 27.1

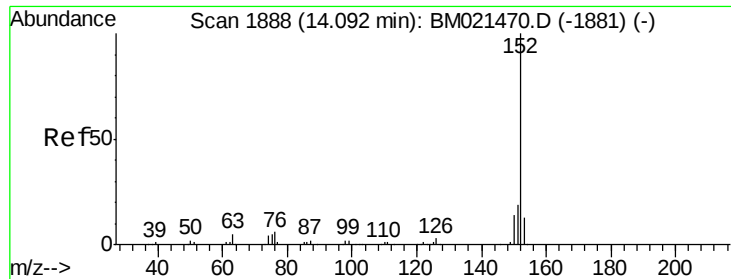


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

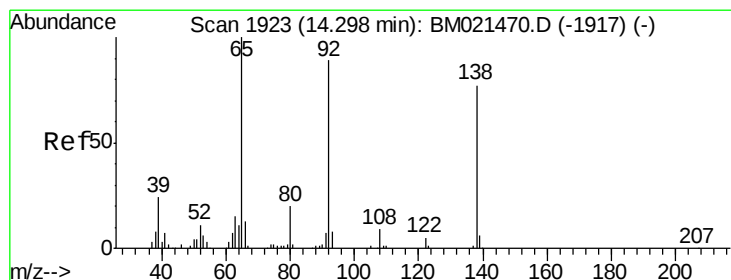
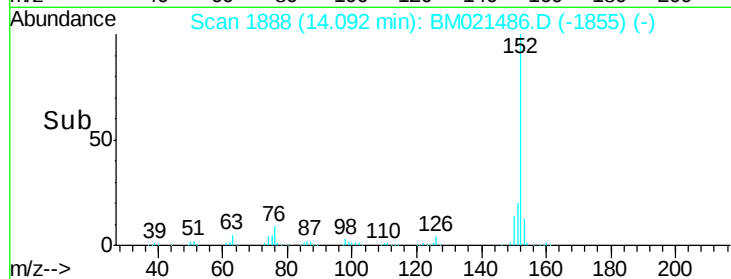
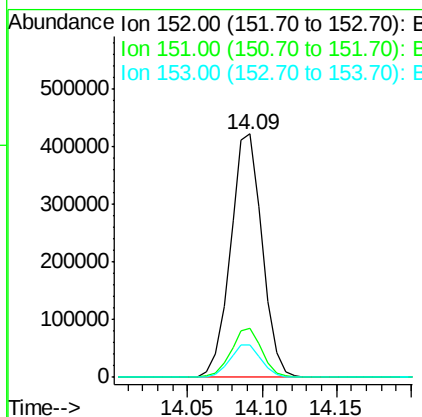
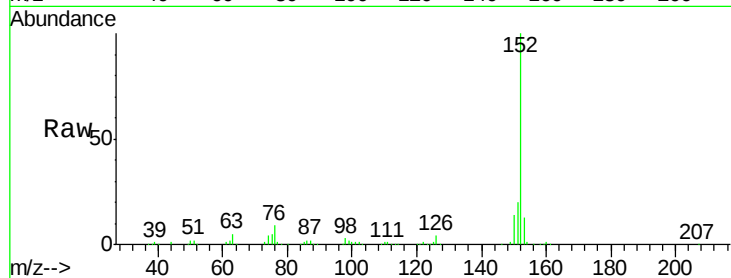




#47  
 Acenaphthylene  
 Concen: 20.236 ng/ul  
 RT: 14.09 min Scan# 1888  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

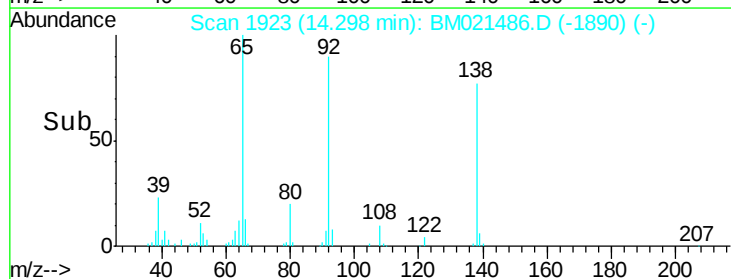
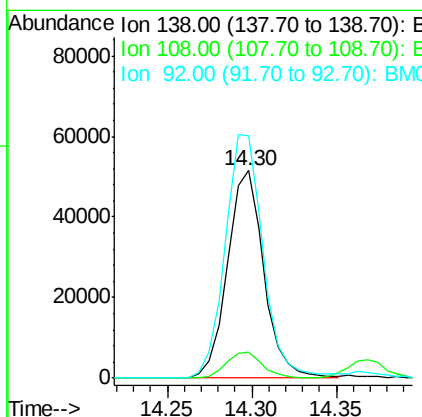
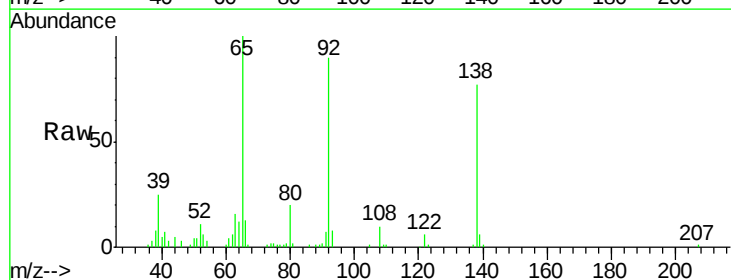
Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTD02042

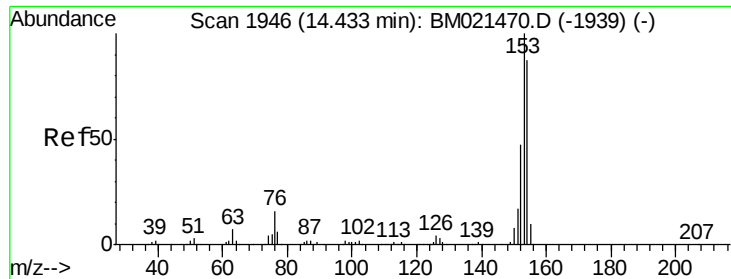
Tgt Ion:152 Resp: 622495  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 15.8 23.8  
 153 13.2 10.6 15.8



#48  
 3-Nitroaniline  
 Concen: 17.974 ng/ul  
 RT: 14.30 min Scan# 1923  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Tgt Ion:138 Resp: 77205  
 Ion Ratio Lower Upper  
 138 100  
 108 12.4 9.1 13.7  
 92 116.6 92.9 139.3





#49

Acenaphthene

Concen: 20.277 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

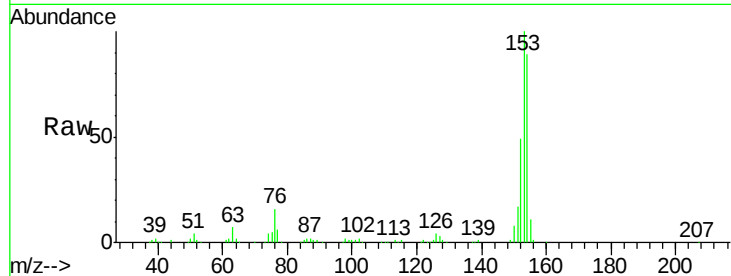
Tgt Ion:153 Resp: 453251

Ion Ratio Lower Upper

153 100

152 48.8 38.2 57.4

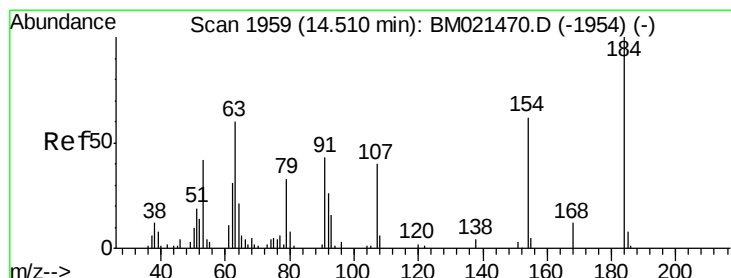
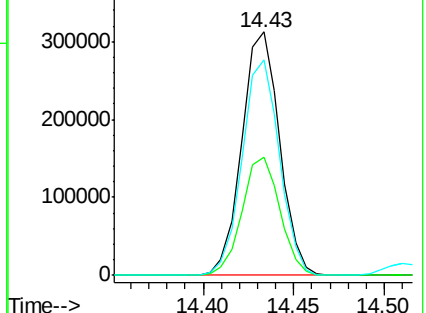
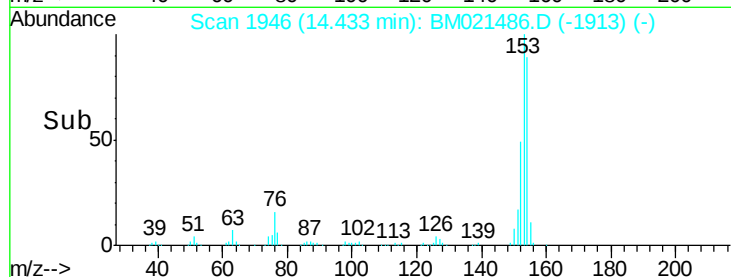
154 88.7 70.0 105.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 13.905 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

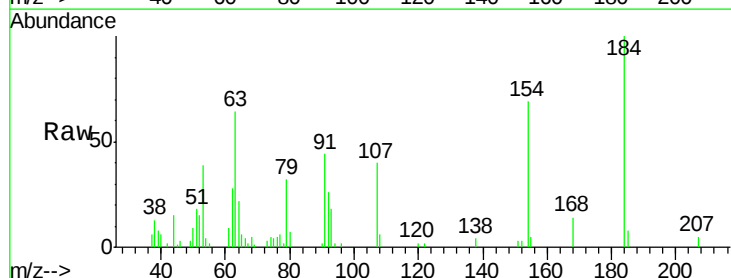
Tgt Ion:184 Resp: 39931

Ion Ratio Lower Upper

184 100

63 64.5 44.4 66.6

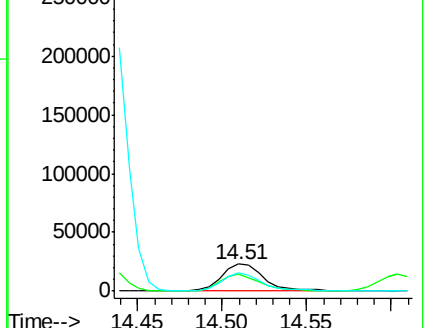
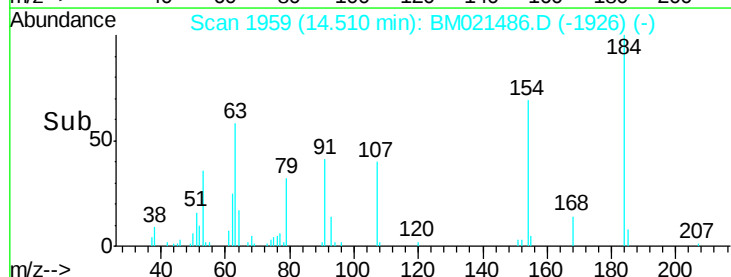
154 69.4 50.4 75.6

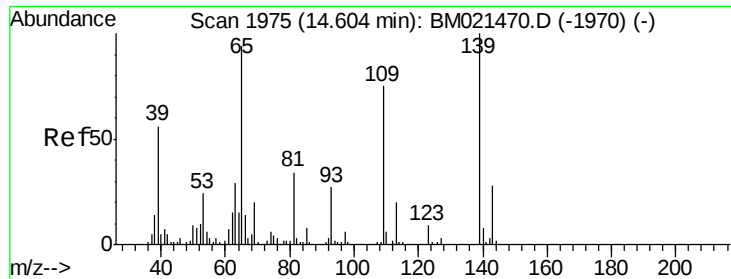


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.882 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

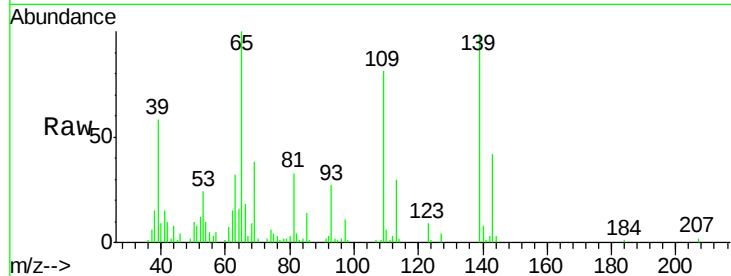
Tgt Ion:109 Resp: 62764

Ion Ratio Lower Upper

109 100

139 121.2 107.6 161.4

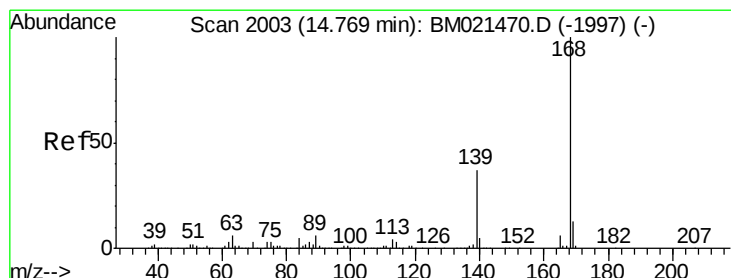
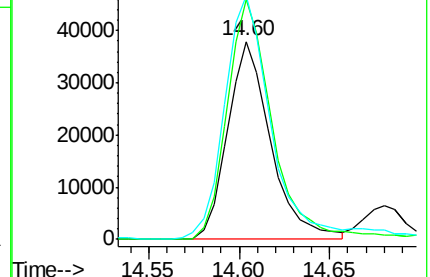
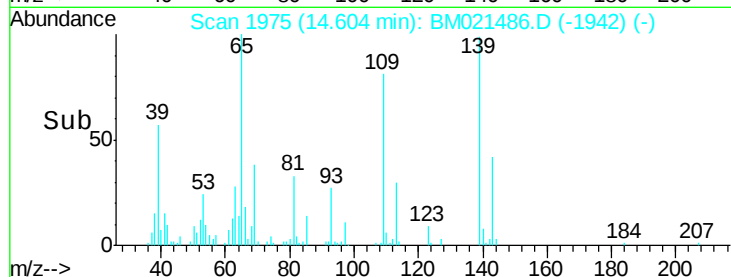
65 122.9 101.0 151.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.445 ng/ul

RT: 14.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BM021486.D

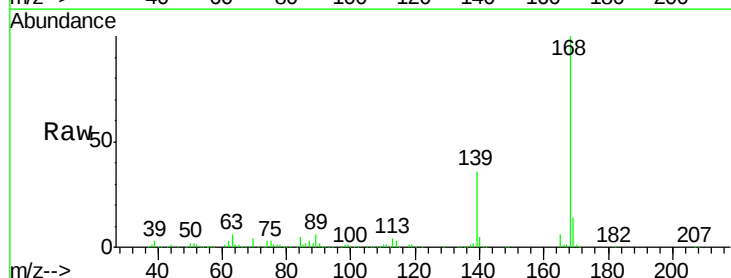
Acq: 17 Jul 2019 08:31

Tgt Ion:168 Resp: 662013

Ion Ratio Lower Upper

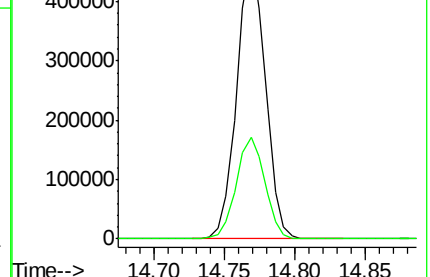
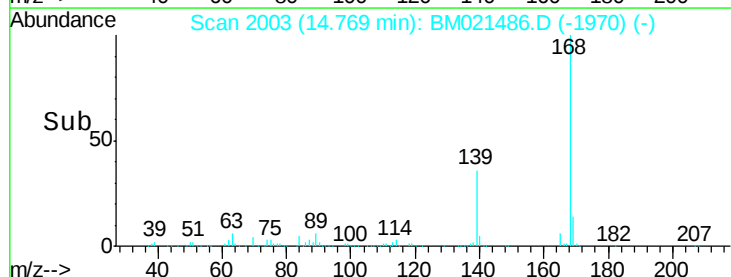
168 100

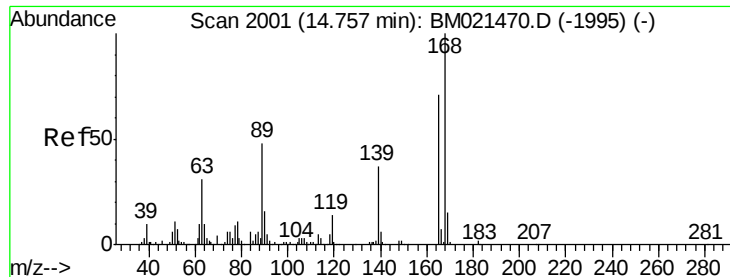
139 35.7 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.421 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

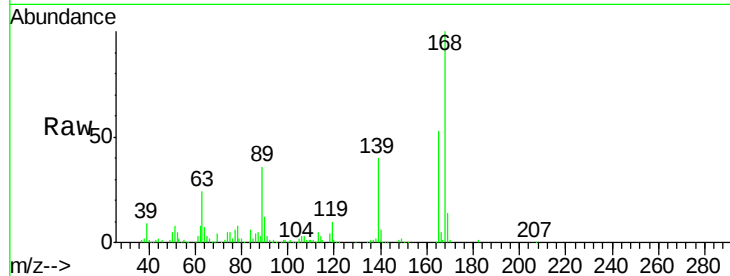
Tgt Ion:165 Resp: 142232

Ion Ratio Lower Upper

165 100

63 45.7 33.1 49.7

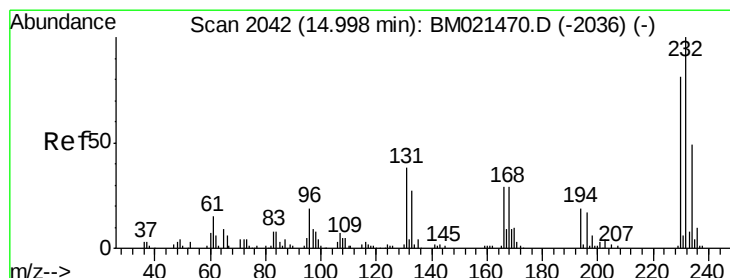
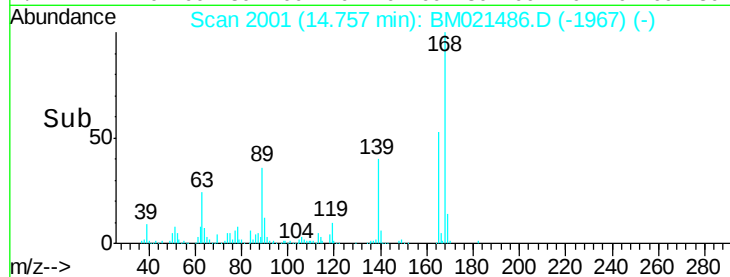
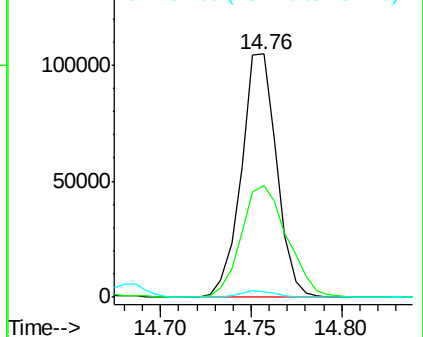
182 2.5 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.778 ng/ul

RT: 15.00 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Tgt Ion:232 Resp: 139033

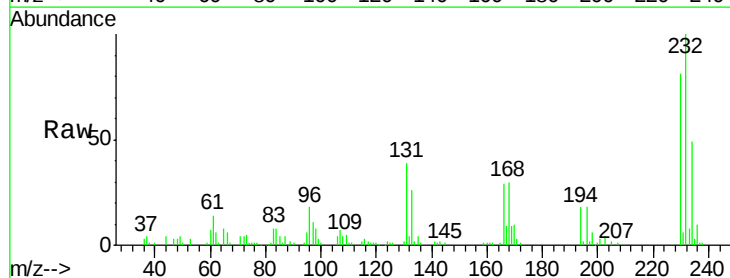
Ion Ratio Lower Upper

232 100

131 38.7 30.2 45.2

130 2.1 1.7 2.5

166 28.8 24.0 36.0

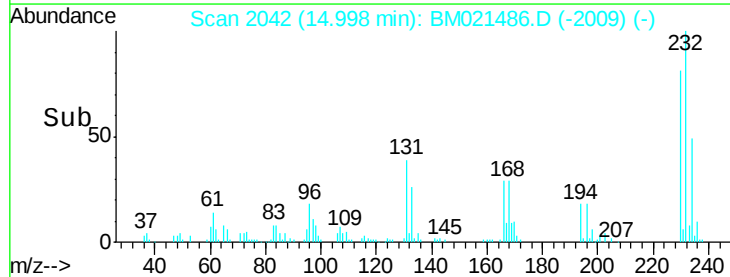
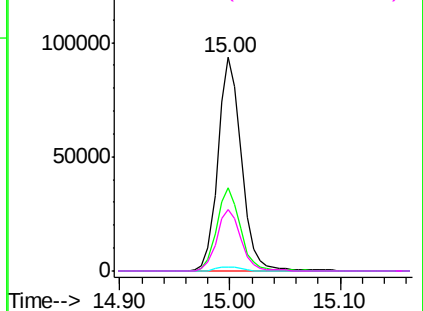


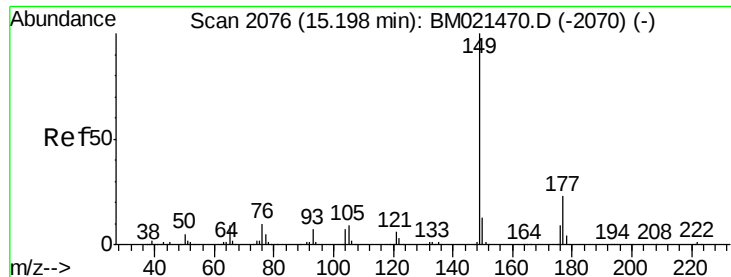
Abundance Ion 232.00 (231.70 to 232.70): E

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

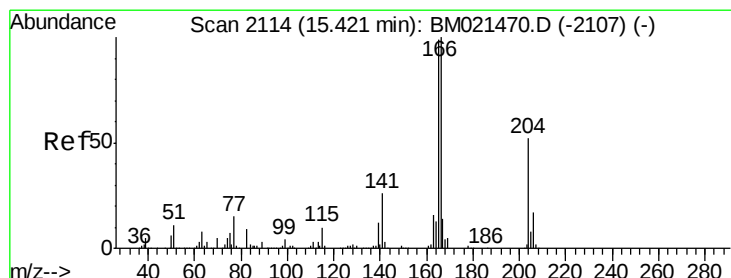
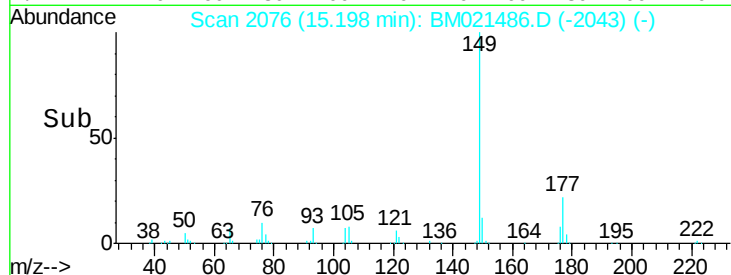
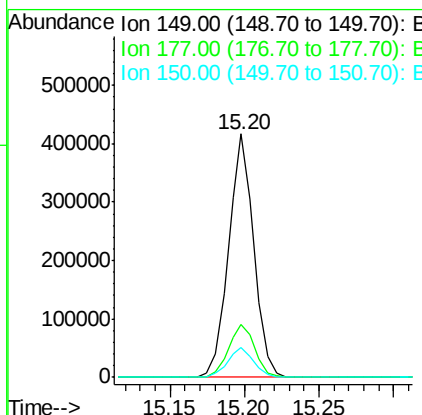
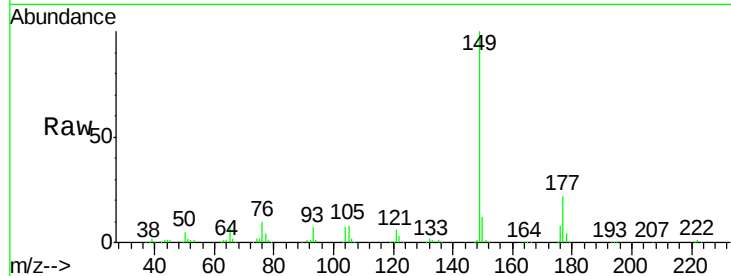




#56  
Diethylphthalate  
Concen: 19.621 ng/ul  
RT: 15.20 min Scan# 2076  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

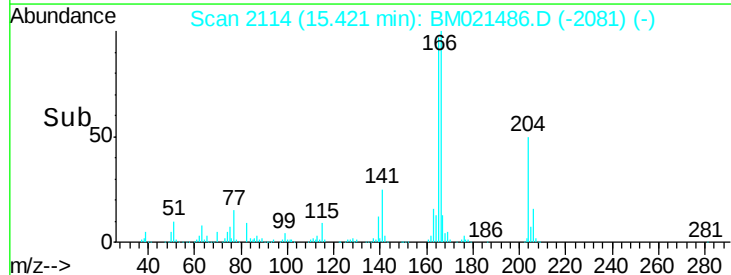
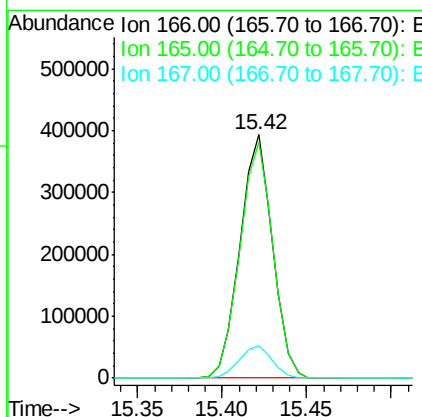
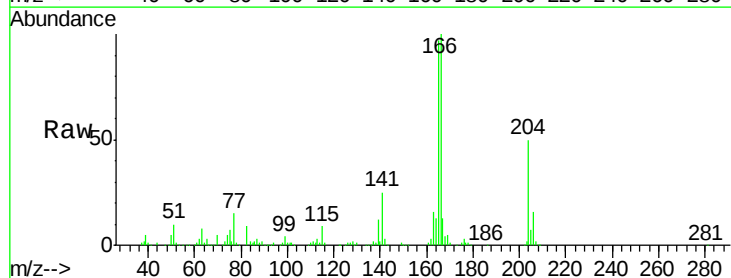
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

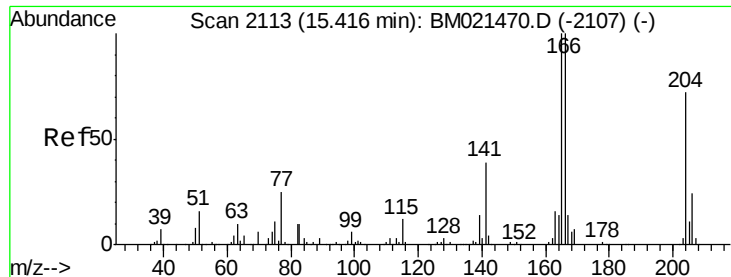
Tgt Ion:149 Resp: 493988  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.8 28.2  
150 12.2 10.1 15.1



#58  
Fluorene  
Concen: 20.127 ng/ul  
RT: 15.42 min Scan# 2114  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion:166 Resp: 527253  
Ion Ratio Lower Upper  
166 100  
165 96.7 78.6 117.8  
167 13.1 10.7 16.1

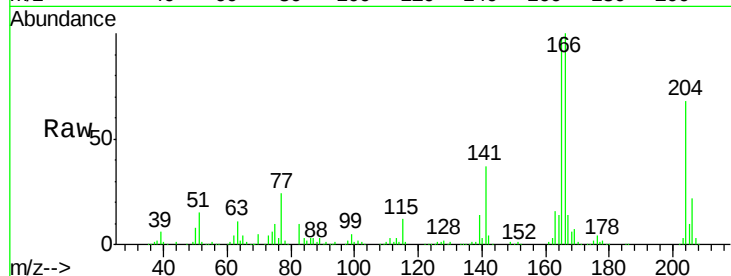




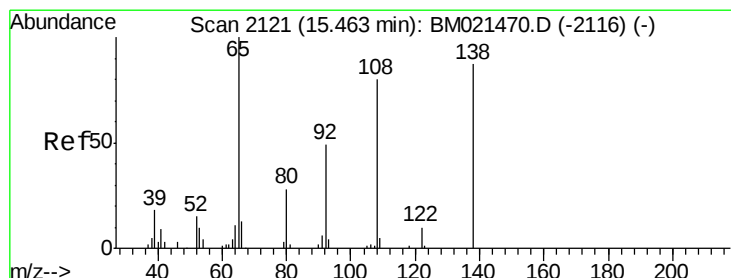
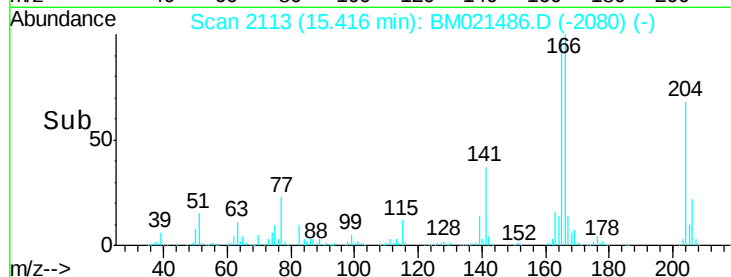
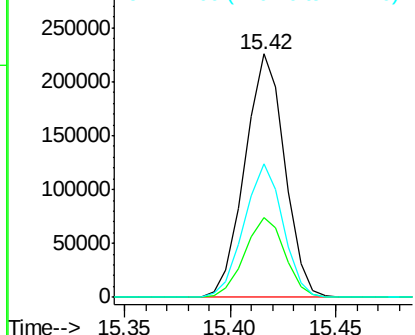
#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.202 ng/ul  
 RT: 15.42 min Scan# 2113  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

Tgt Ion:204 Resp: 295768  
 Ion Ratio Lower Upper  
 204 100  
 206 32.7 26.0 39.0  
 141 54.8 42.3 63.5

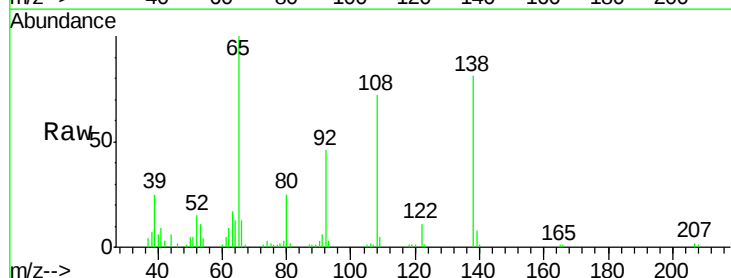


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

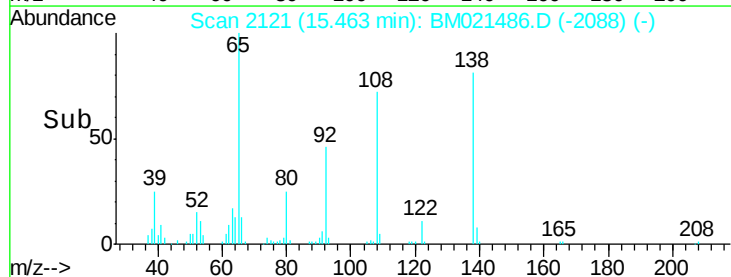
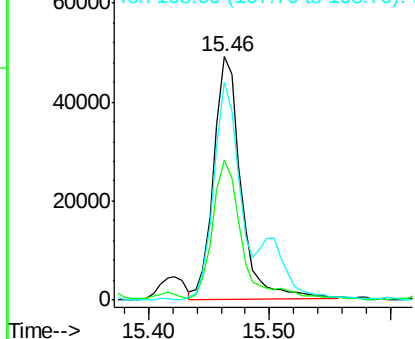


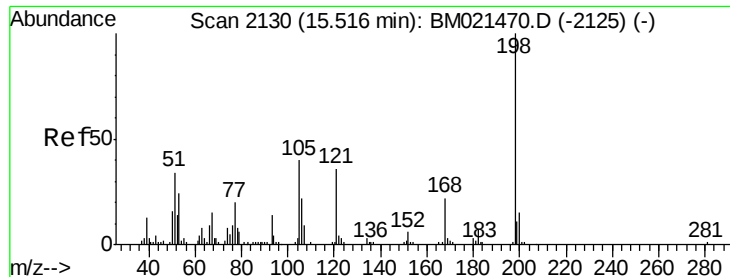
#60  
 4-Nitroaniline  
 Concen: 17.284 ng/ul  
 RT: 15.46 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Tgt Ion:138 Resp: 76233  
 Ion Ratio Lower Upper  
 138 100  
 92 57.4 41.3 61.9  
 108 89.6 65.0 97.6



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

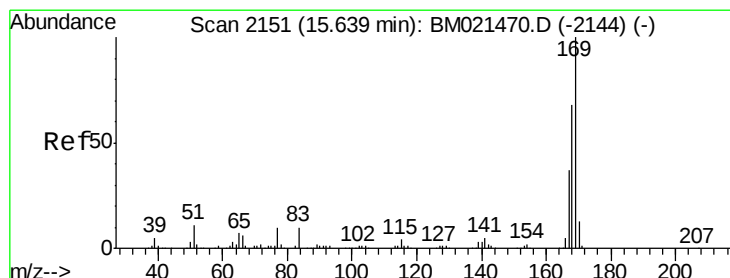
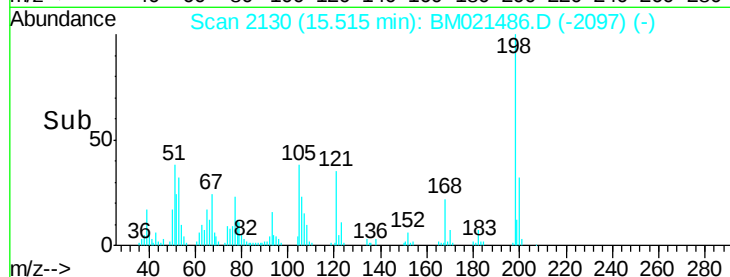
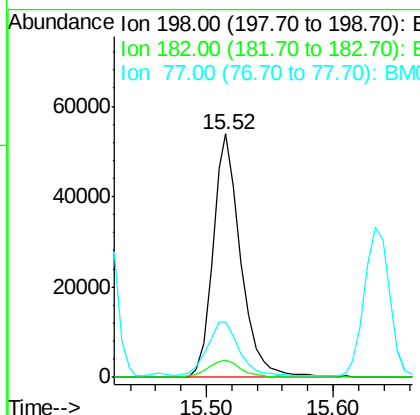
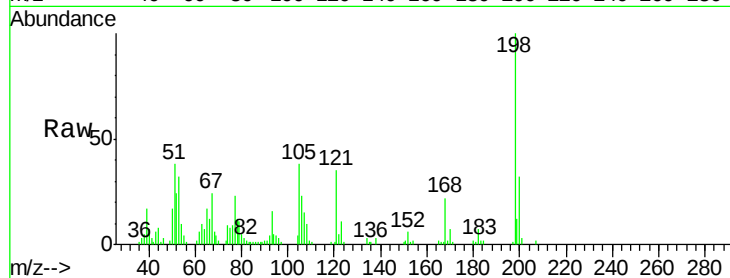




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 16.756 ng/ul  
 RT: 15.52 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

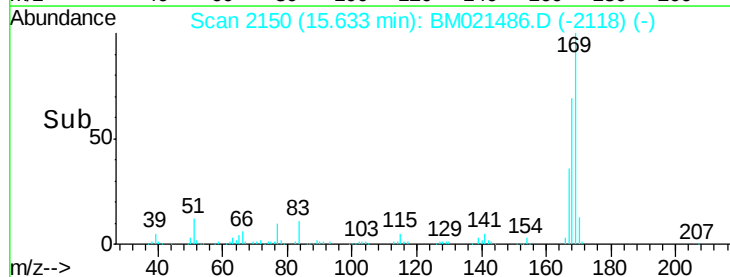
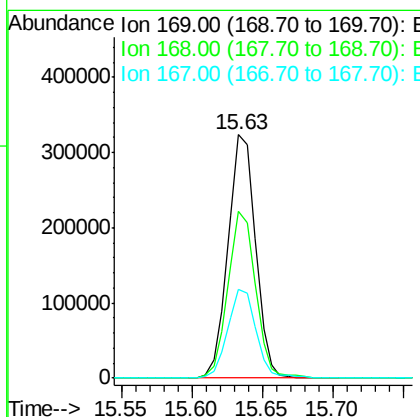
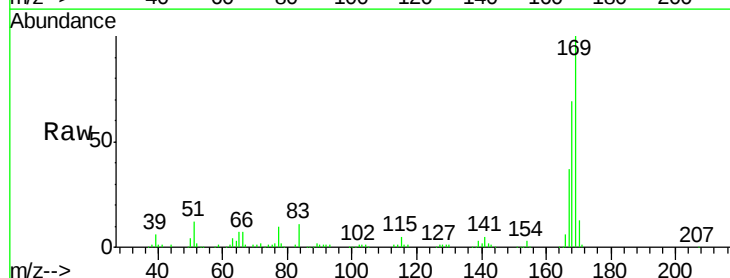
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02042

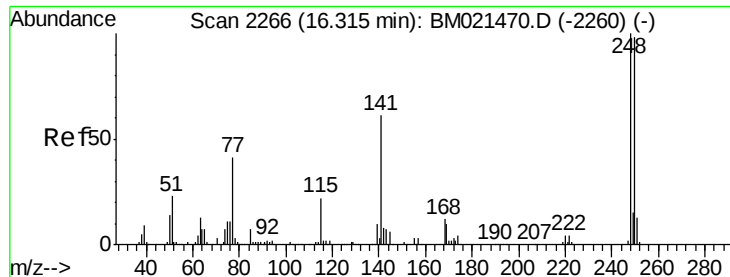
Tgt Ion:198 Resp: 81902  
 Ion Ratio Lower Upper  
 198 100  
 182 7.0 4.7 7.1  
 77 22.6 18.1 27.1



#64  
 N-Nitrosodiphenylamine  
 Concen: 20.248 ng/ul  
 RT: 15.63 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Tgt Ion:169 Resp: 440236  
 Ion Ratio Lower Upper  
 169 100  
 168 68.6 53.8 80.6  
 167 36.7 28.9 43.3

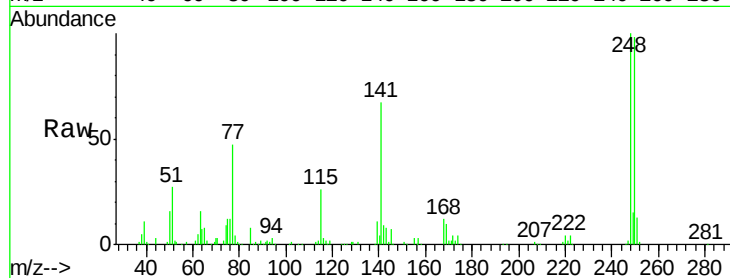




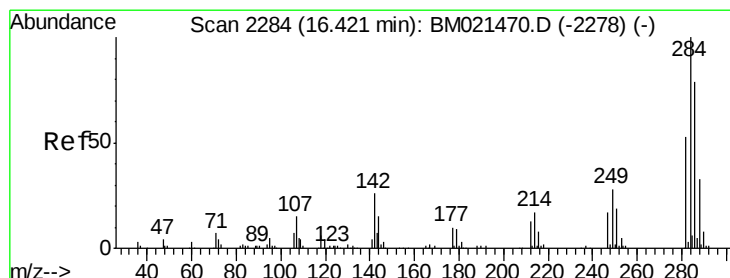
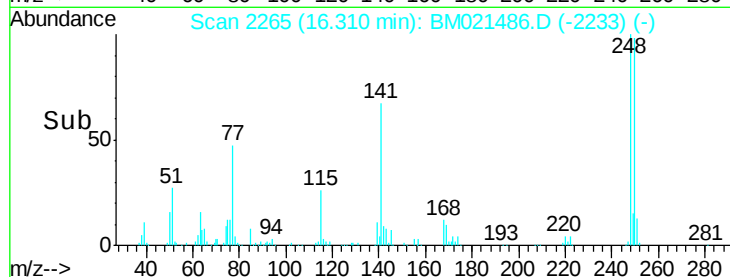
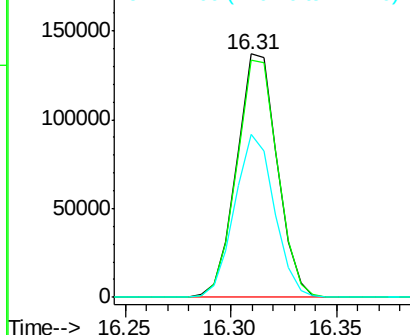
#65  
4-Bromophenyl-phenylether  
Concen: 20.219 ng/ul  
RT: 16.31 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

Tgt Ion:248 Resp: 182839  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.1 115.7  
141 66.8 50.6 75.8

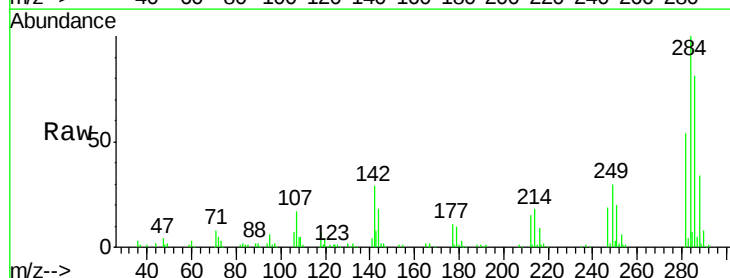


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

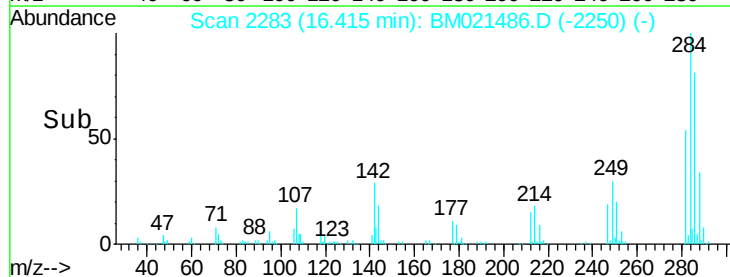
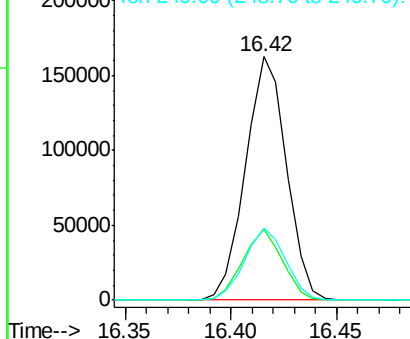


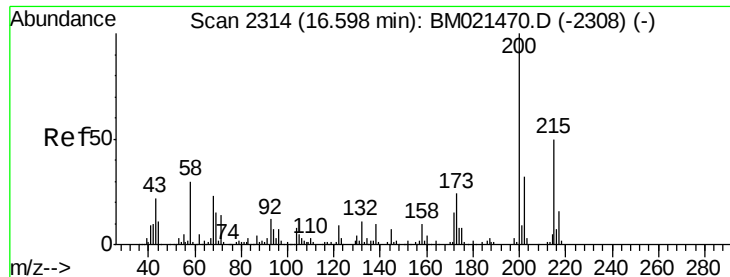
#66  
Hexachlorobenzene  
Concen: 20.404 ng/ul  
RT: 16.42 min Scan# 2283  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion:284 Resp: 219371  
Ion Ratio Lower Upper  
284 100  
142 28.9 22.0 33.0  
249 29.8 23.3 34.9



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 22.895 ng/ul

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

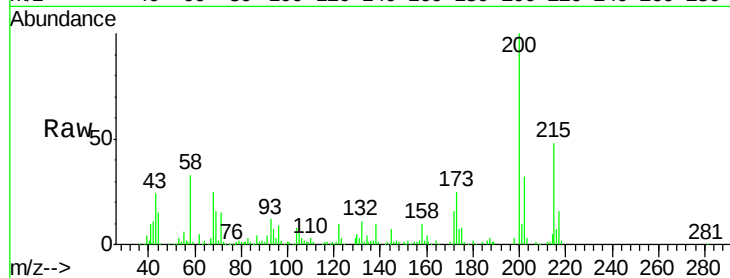
Tgt Ion:200 Resp: 183909

Ion Ratio Lower Upper

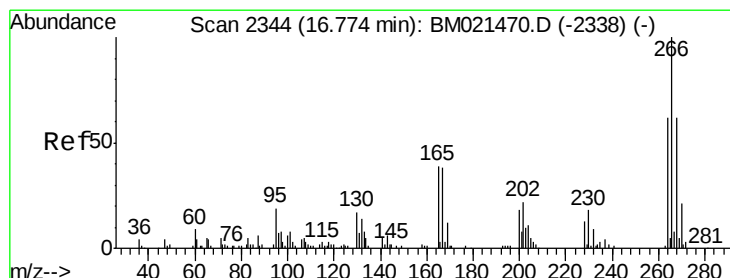
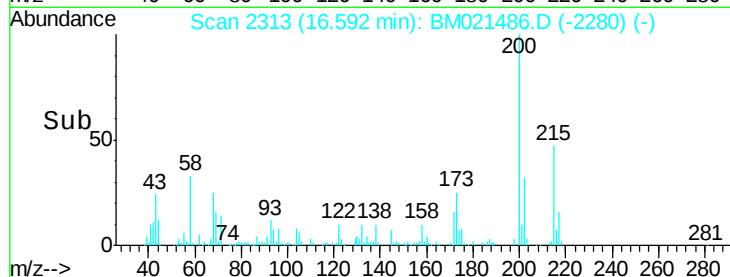
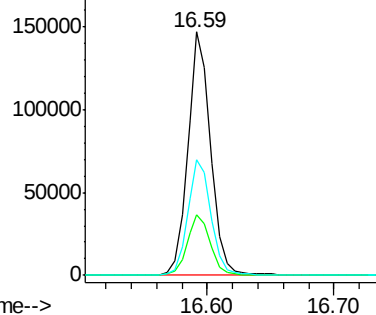
200 100

173 25.1 19.8 29.8

215 47.6 38.9 58.3



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



#68

Pentachlorophenol

Concen: 17.986 ng/ul

RT: 16.77 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

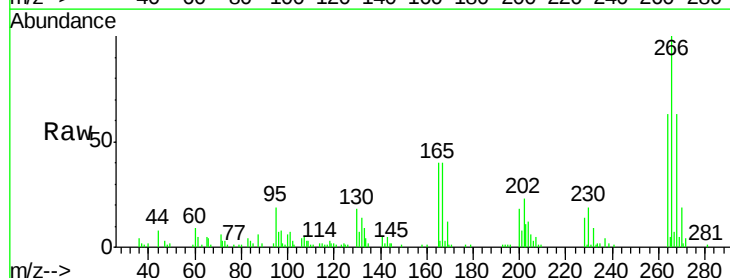
Tgt Ion:266 Resp: 101931

Ion Ratio Lower Upper

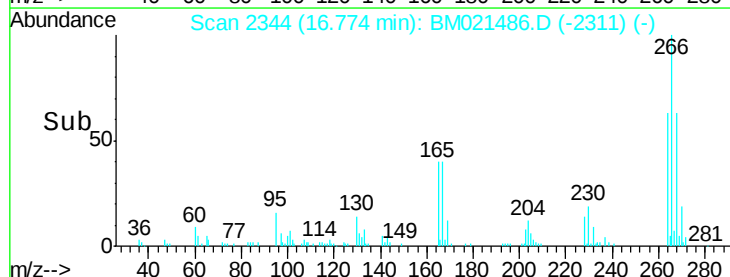
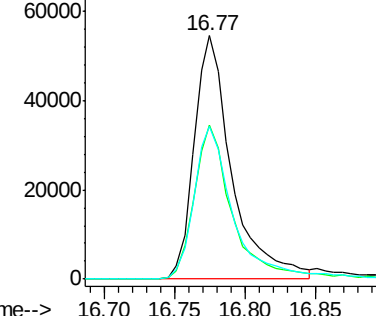
266 100

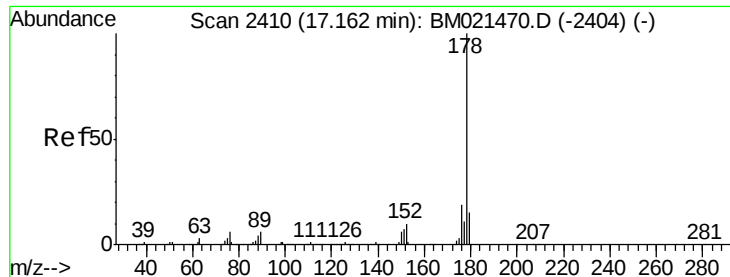
264 63.4 49.2 73.8

268 62.9 50.6 76.0



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: 20.454 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

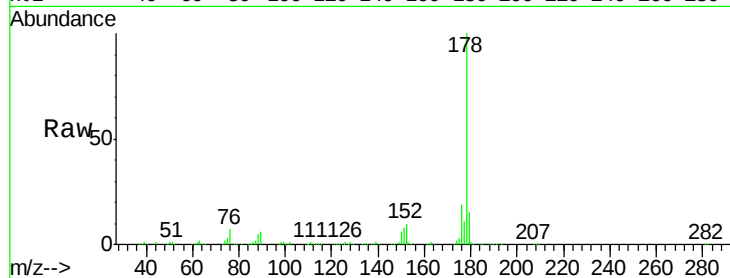
Tgt Ion:178 Resp: 842953

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

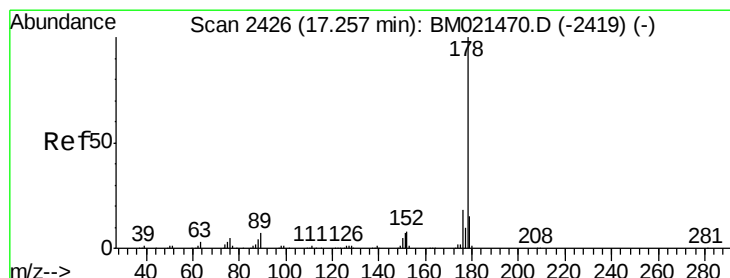
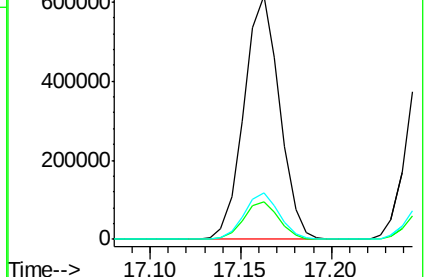
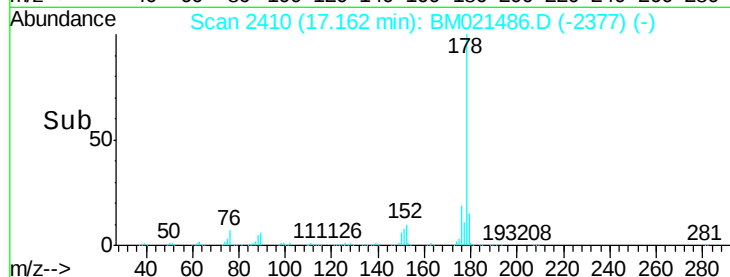
176 18.9 15.4 23.0



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: 20.470 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

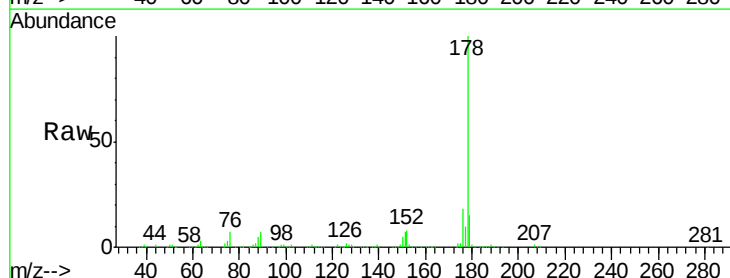
Tgt Ion:178 Resp: 858627

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

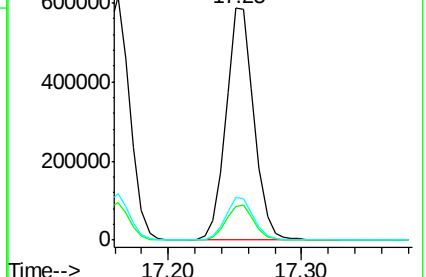
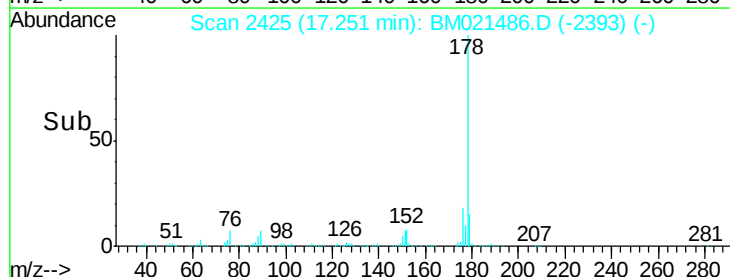
176 18.4 14.9 22.3

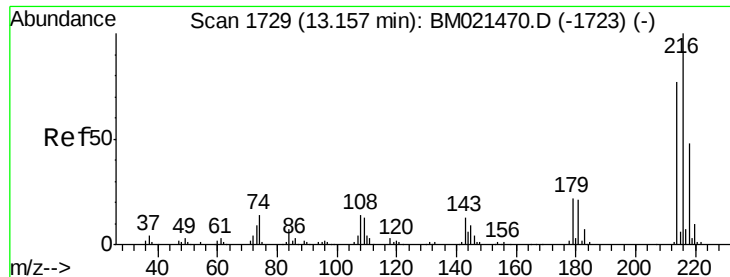


Abundance Ion 178.00 (177.70 to 178.70): E

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: 20.783 ng/uL

RT: 13.16 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

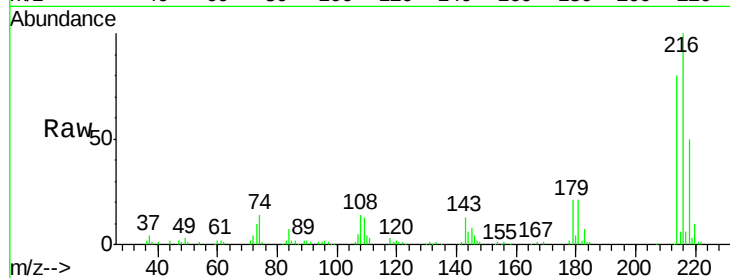
Tgt Ion:216 Resp: 249007

Ion Ratio Lower Upper

216 100

214 80.2 63.1 94.7

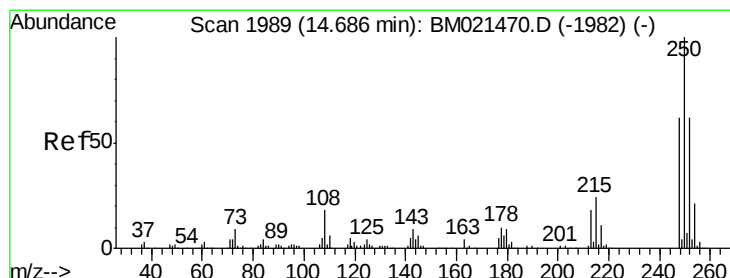
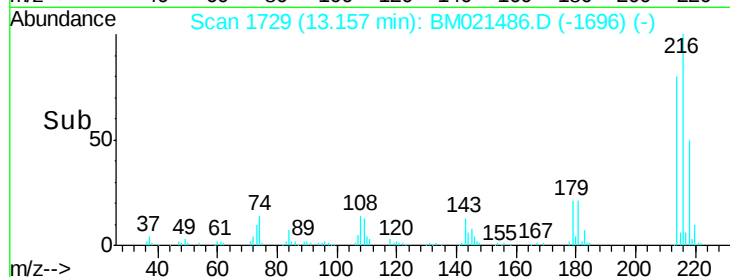
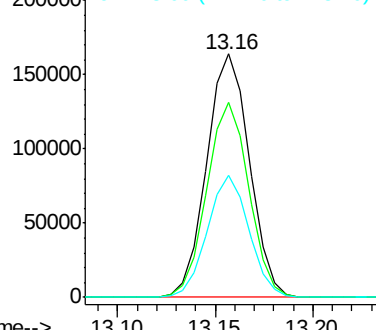
218 50.0 38.8 58.2



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: 21.503 ng/uL

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

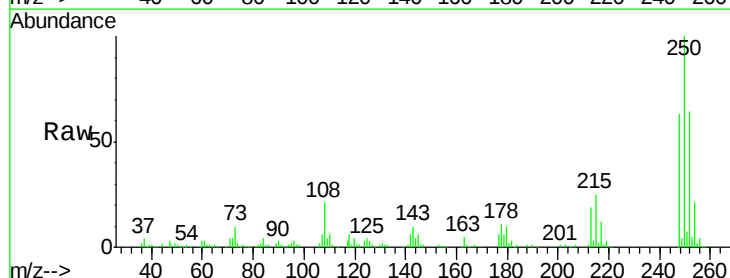
Tgt Ion:250 Resp: 265400

Ion Ratio Lower Upper

250 100

248 63.4 50.4 75.6

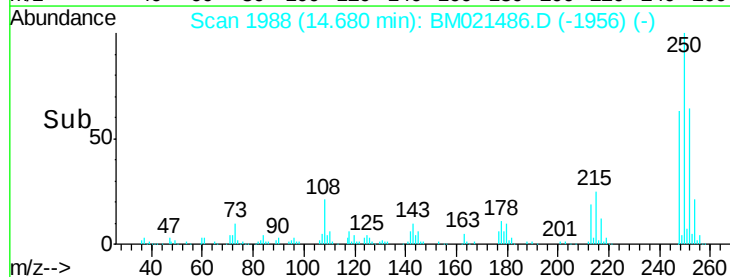
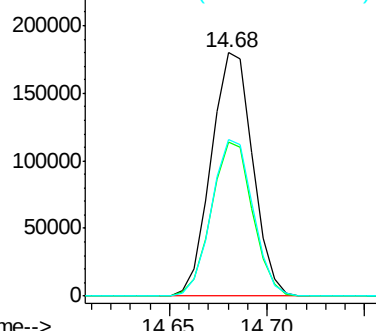
252 64.5 51.0 76.6

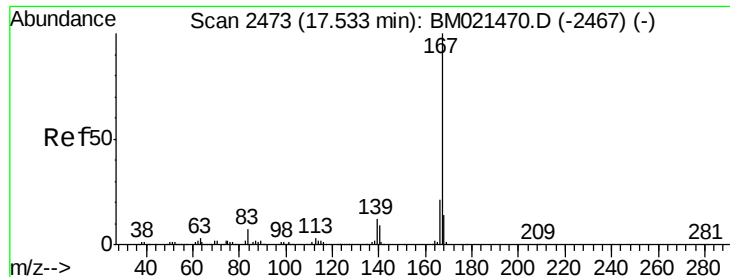


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

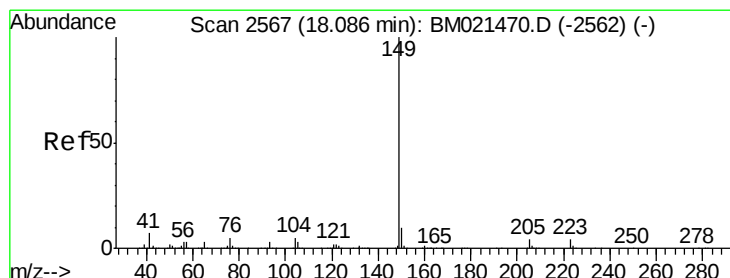
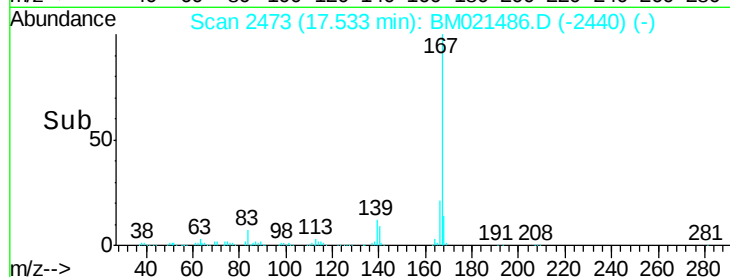
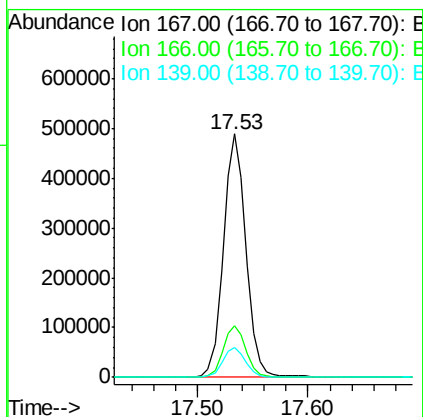
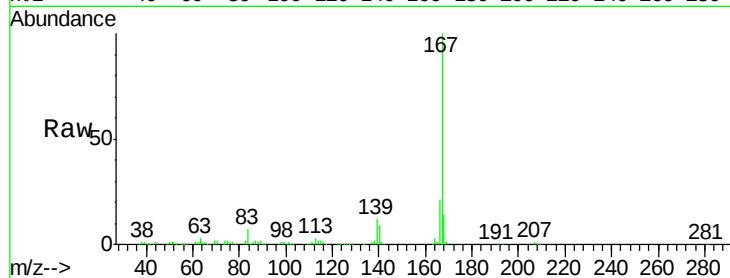




#74  
 Carbazole  
 Concen: 20.020 ng/ul  
 RT: 17.53 min Scan# 2473  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

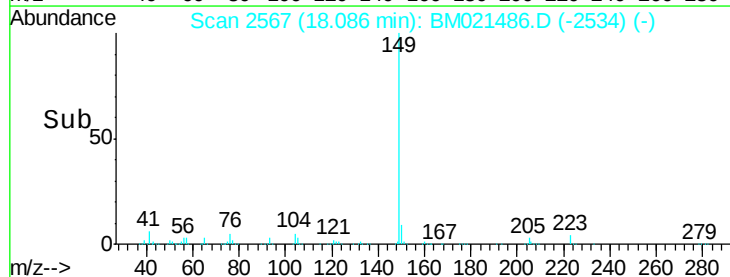
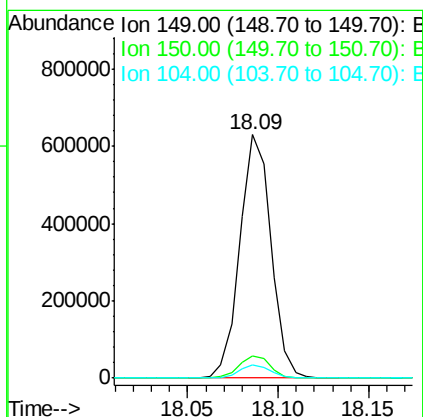
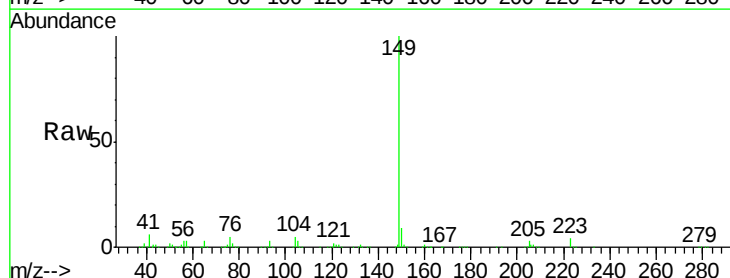
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02042

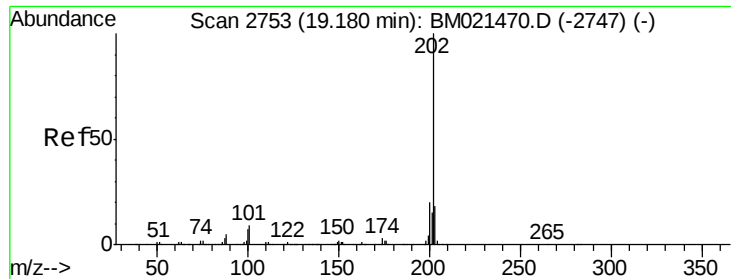
Tgt Ion:167 Resp: 697009  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.1 25.7  
 139 12.2 9.7 14.5



#75  
 Di-n-butylphthalate  
 Concen: 18.937 ng/ul  
 RT: 18.09 min Scan# 2567  
 Delta R.T. -0.01 min  
 Lab File: BM021486.D  
 Acq: 17 Jul 2019 08:31

Tgt Ion:149 Resp: 755343  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.0  
 104 5.4 3.8 5.8

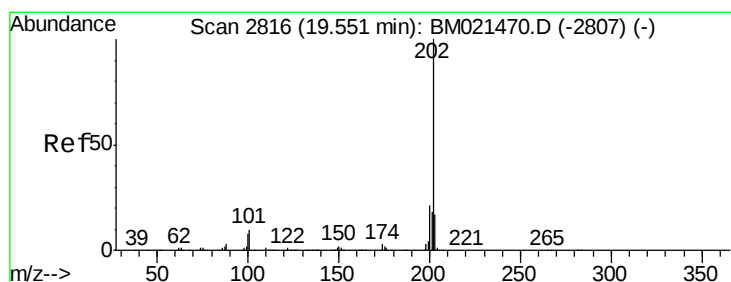
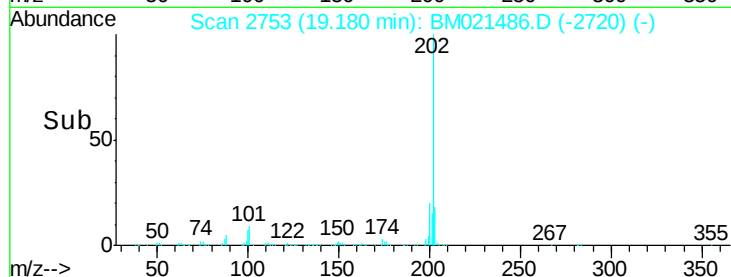
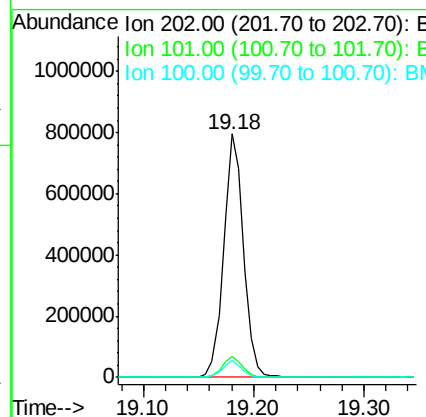
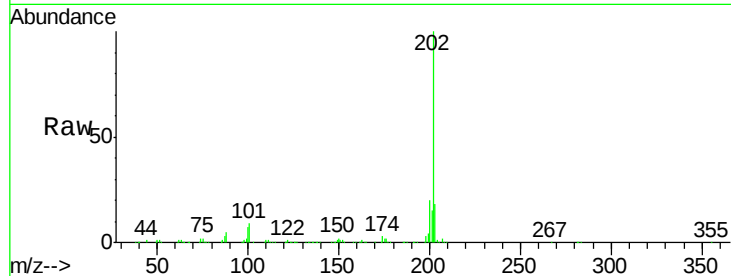




#76  
Fluoranthene  
Concen: 20.267 ng/ul  
RT: 19.18 min Scan# 2753  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

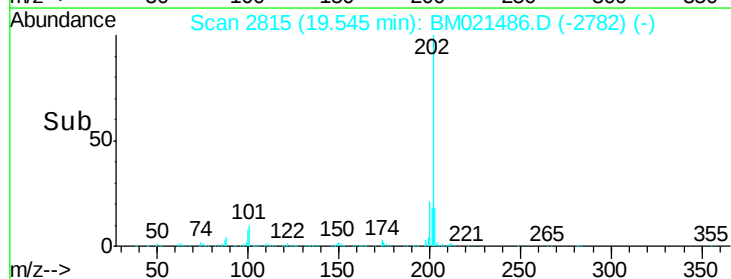
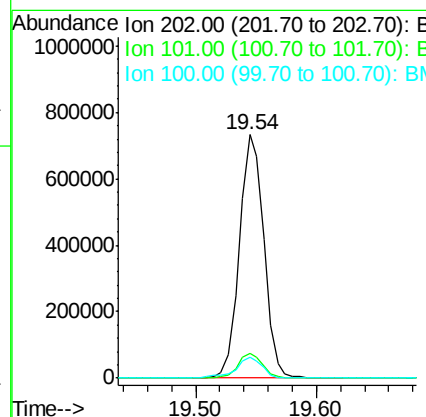
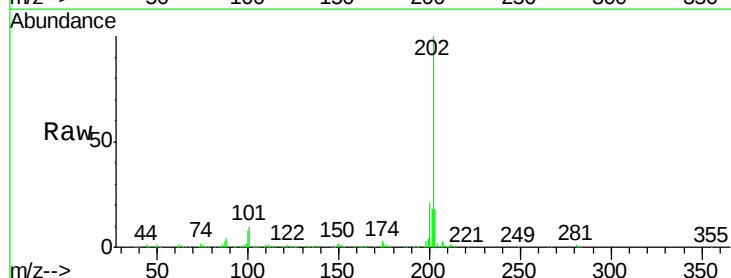
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

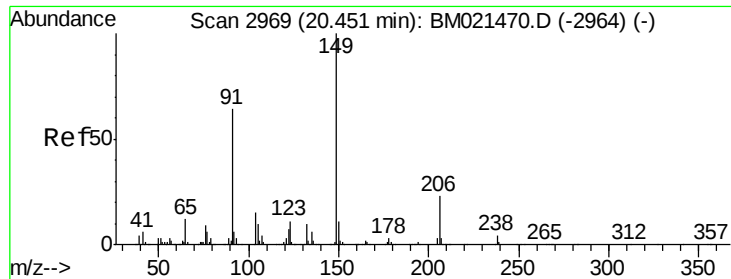
Tgt Ion:202 Resp: 991806  
Ion Ratio Lower Upper  
202 100  
101 8.6 6.7 10.1  
100 7.0 5.3 7.9



#79  
Pyrene  
Concen: 19.976 ng/ul  
RT: 19.54 min Scan# 2815  
Delta R.T. -0.01 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion:202 Resp: 1033553  
Ion Ratio Lower Upper  
202 100  
101 10.2 7.8 11.8  
100 8.5 6.4 9.6

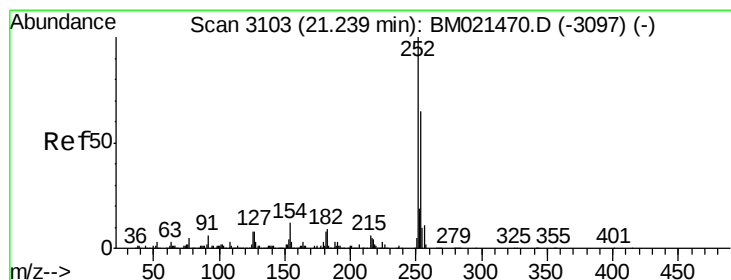
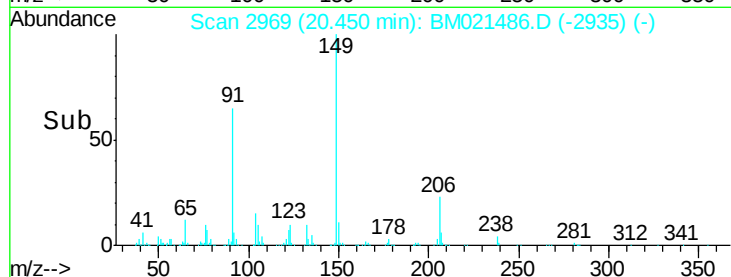
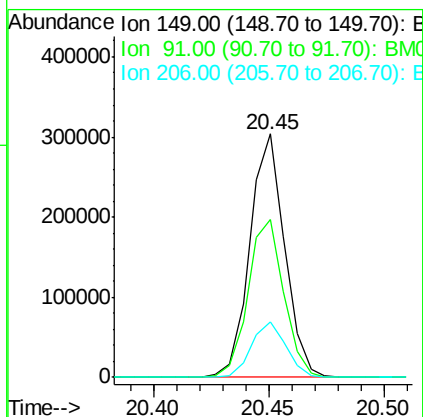
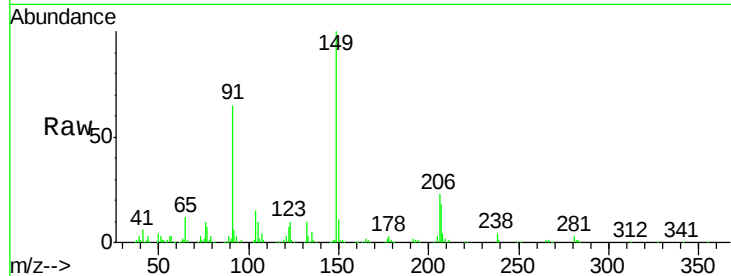




#80  
Butylbenzylphthalate  
Concen: 17.339 ng/ul  
RT: 20.45 min Scan# 2969  
Delta R.T. 0.00 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

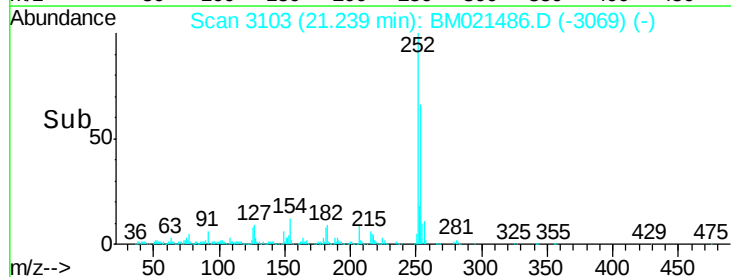
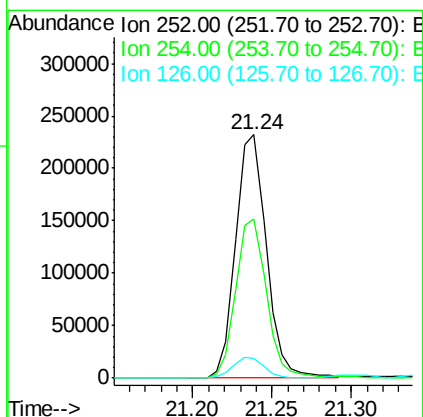
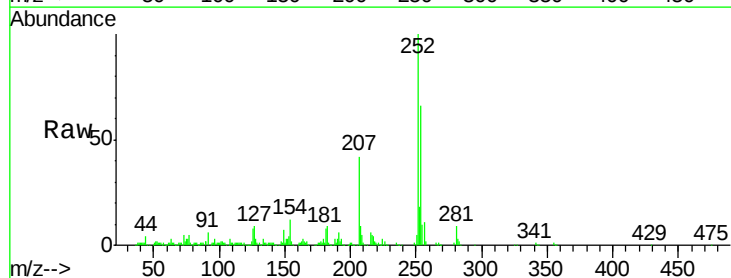
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02042

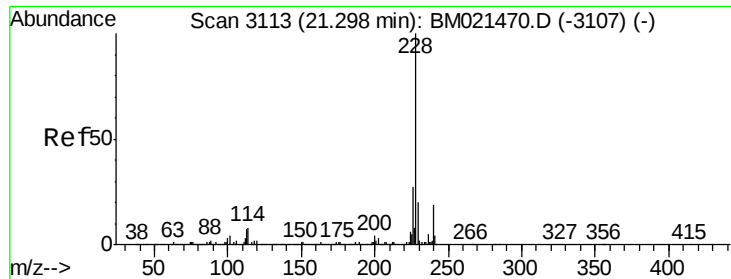
Tgt Ion:149 Resp: 317792  
Ion Ratio Lower Upper  
149 100  
91 64.8 53.9 80.9  
206 22.7 18.0 27.0



#81  
3,3'-Dichlorobenzidine  
Concen: 18.107 ng/ul  
RT: 21.24 min Scan# 3103  
Delta R.T. 0.00 min  
Lab File: BM021486.D  
Acq: 17 Jul 2019 08:31

Tgt Ion:252 Resp: 314739  
Ion Ratio Lower Upper  
252 100  
254 65.6 52.1 78.1  
126 8.3 7.0 10.6





#82

Benzo(a)anthracene

Concen: 20.164 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

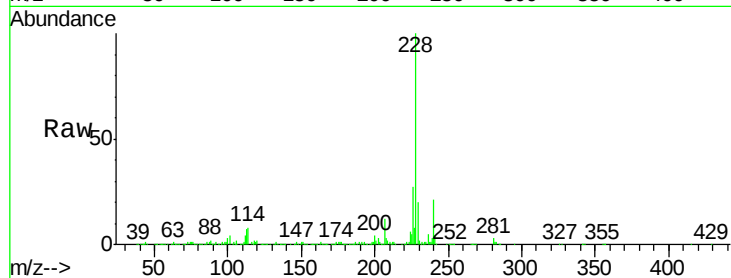
Tgt Ion:228 Resp: 1079533

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

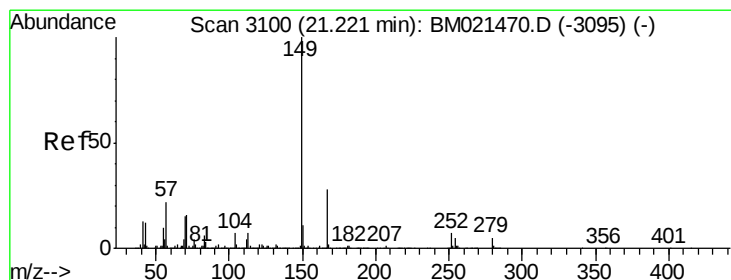
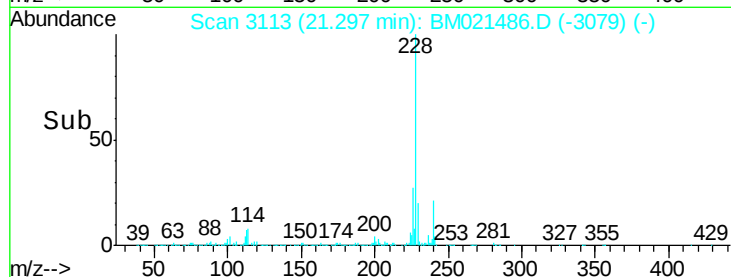
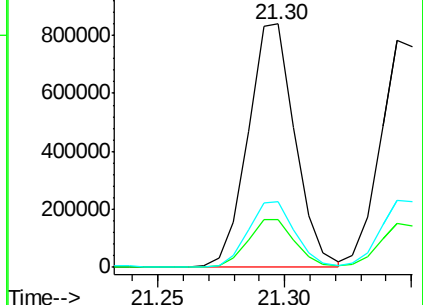
226 26.9 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 17.795 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

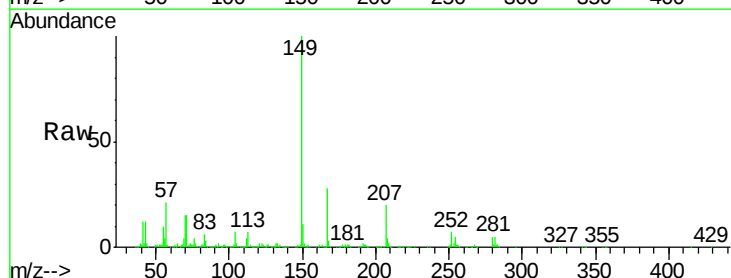
Tgt Ion:149 Resp: 479751

Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

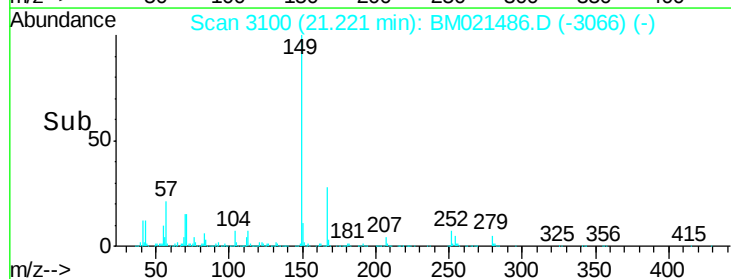
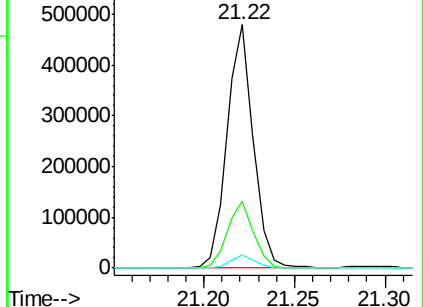
279 5.2 4.0 6.0

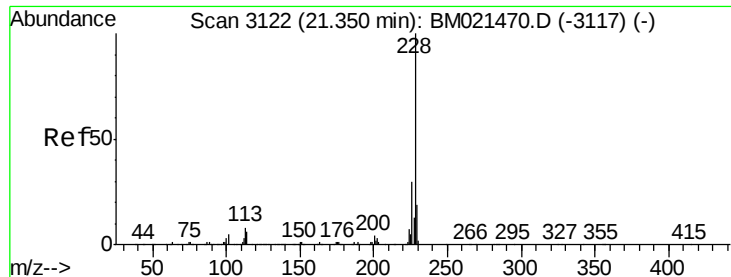


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.620 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

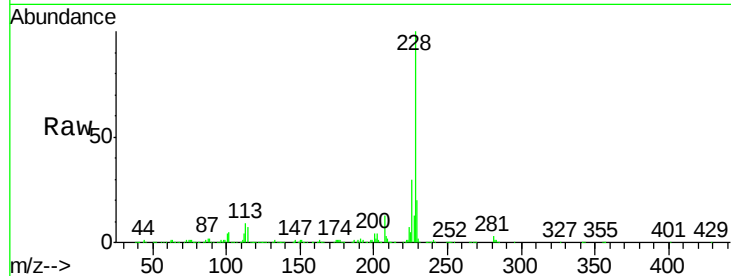
Tgt Ion:228 Resp: 1037800

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

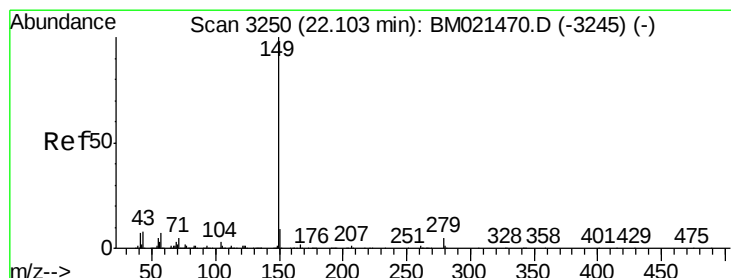
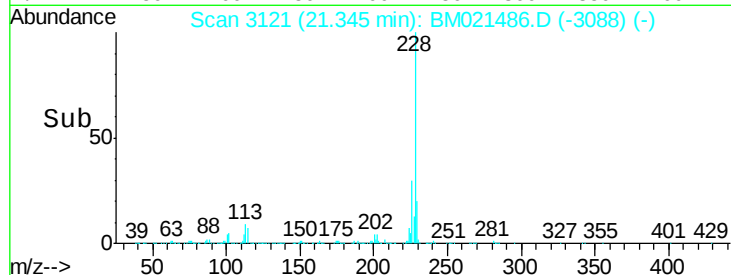
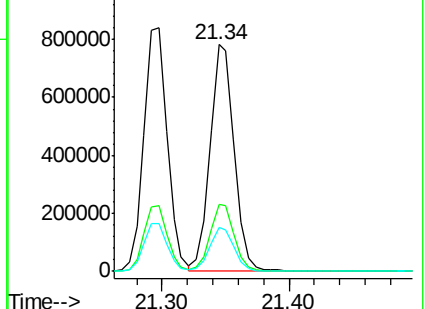
229 19.5 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 17.226 ng/ul

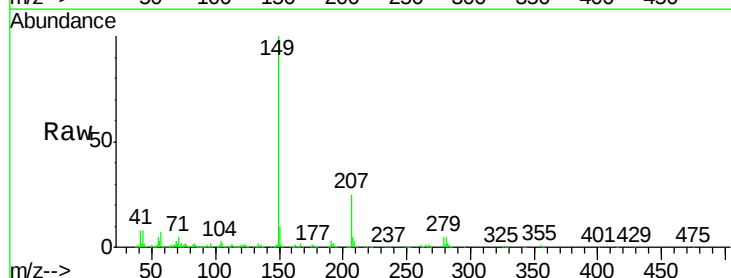
RT: 22.10 min Scan# 3250

Delta R.T. -0.01 min

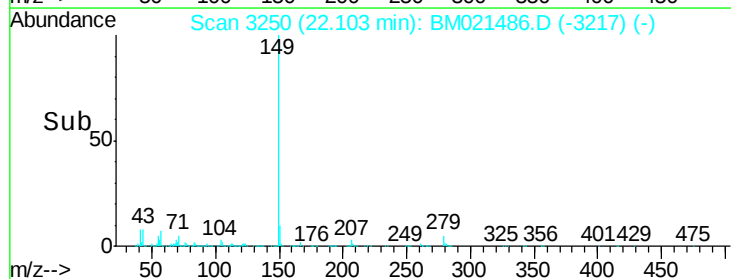
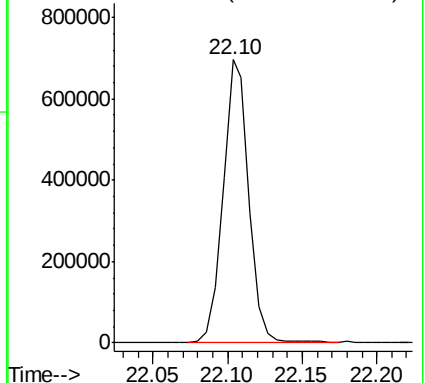
Lab File: BM021486.D

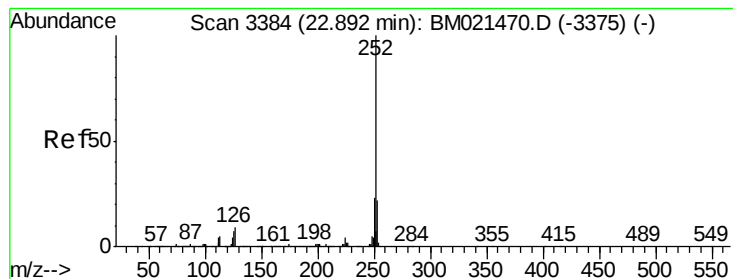
Acq: 17 Jul 2019 08:31

Tgt Ion:149 Resp: 827845



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 19.904 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

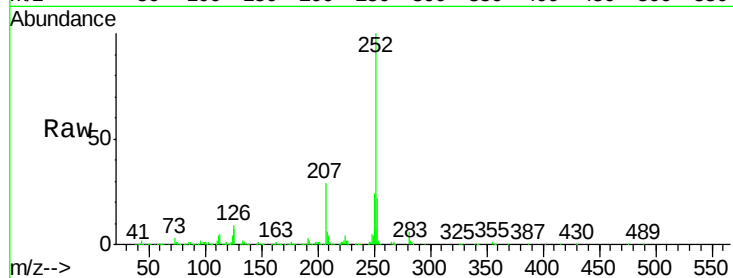
Tgt Ion:252 Resp: 1103455

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

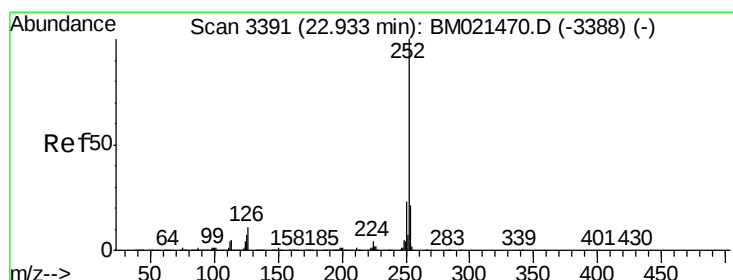
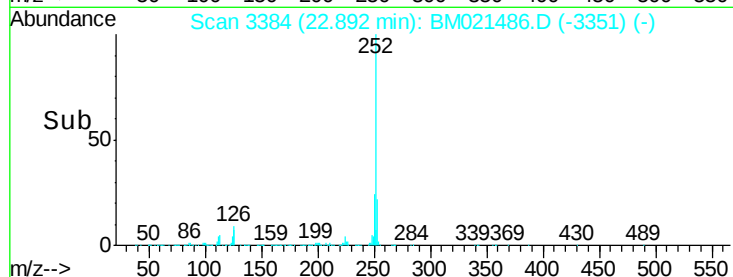
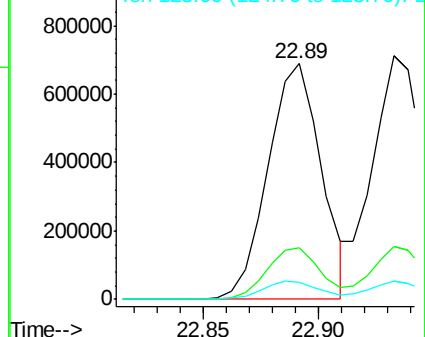
125 7.2 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.678 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

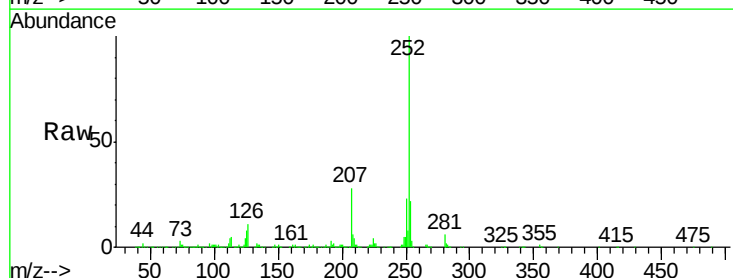
Tgt Ion:252 Resp: 1141862

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

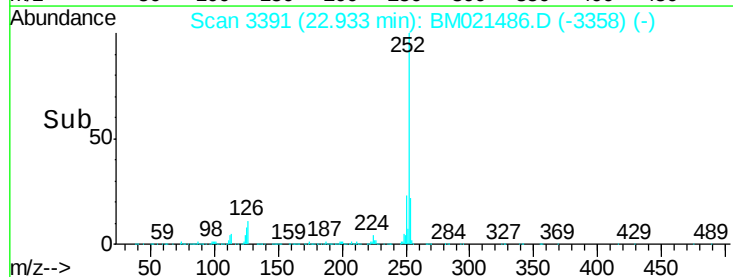
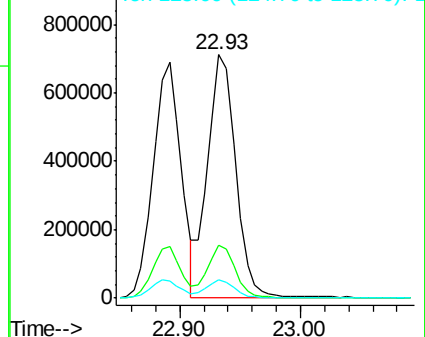
125 7.8 5.8 8.8

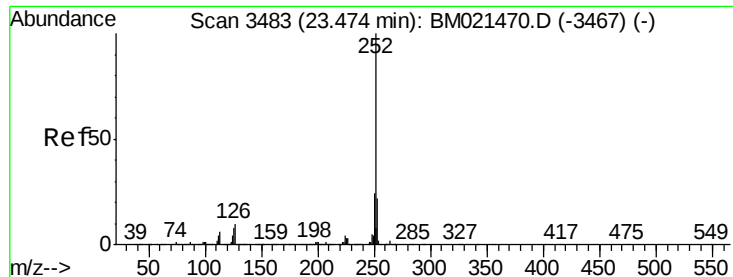


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.243 ng/ul

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

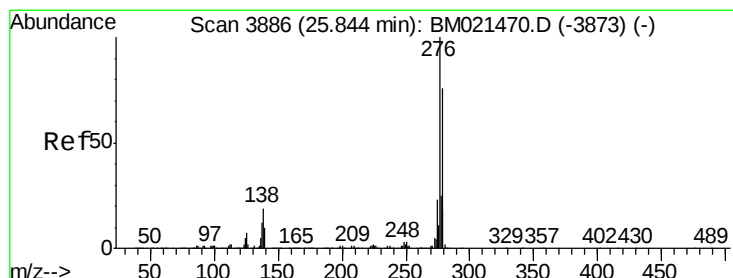
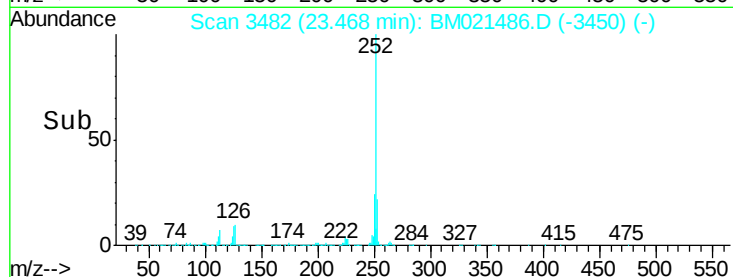
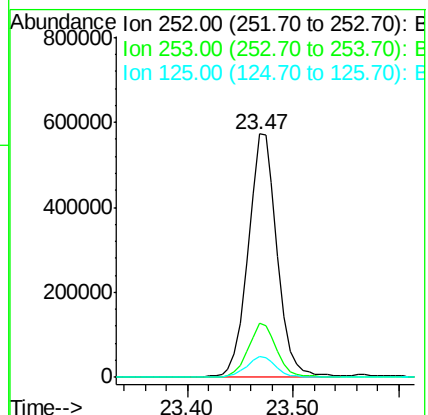
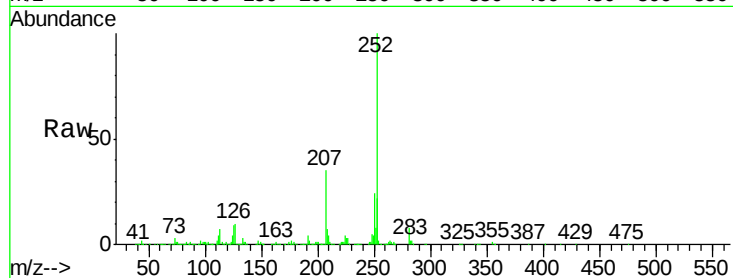
Tgt Ion:252 Resp: 1084005

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 6.9 10.3



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.549 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

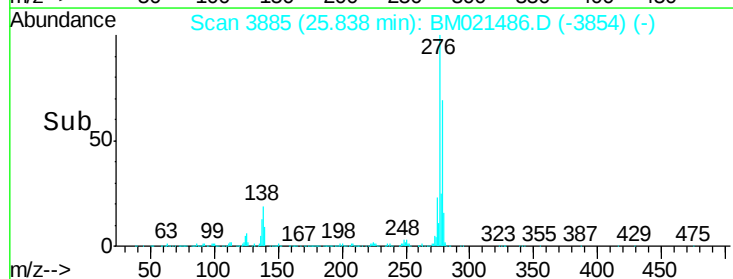
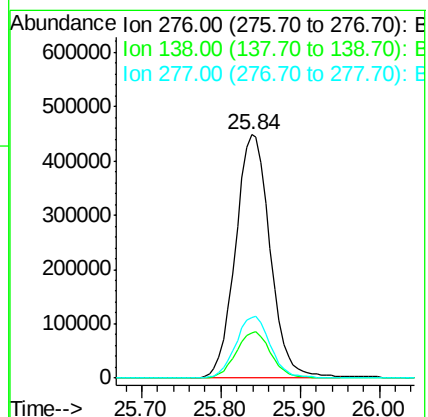
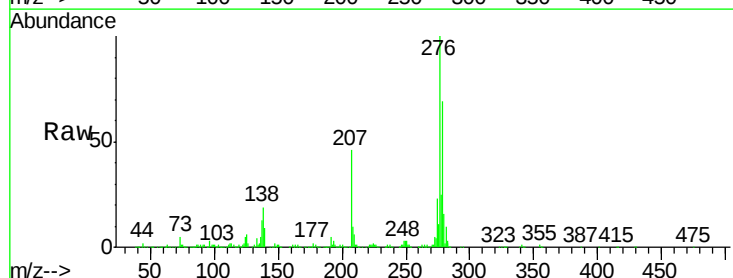
Tgt Ion:276 Resp: 1359223

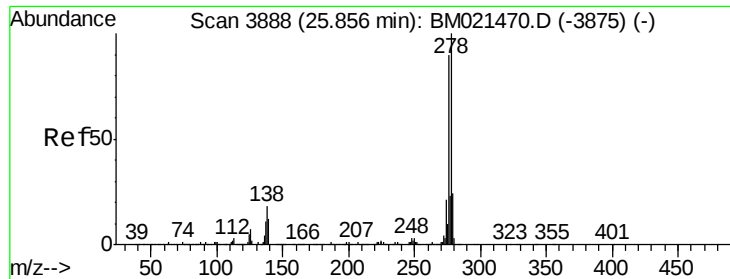
Ion Ratio Lower Upper

276 100

138 18.7 14.8 22.2

277 25.1 20.0 30.0





#92

Dibenzo(a,h)anthracene

Concen: 20.594 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

Instrument :

BNA\_M

ClientSampleId :

SSTD02042

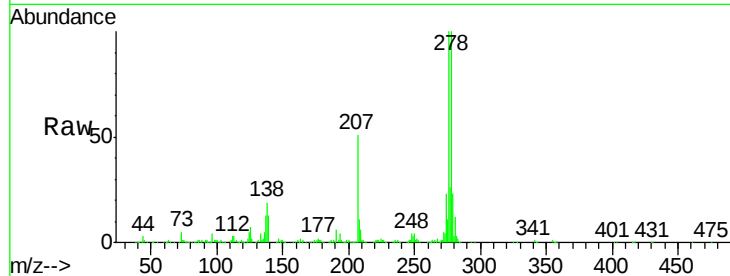
Tgt Ion:278 Resp: 1145169

Ion Ratio Lower Upper

278 100

139 12.6 9.8 14.6

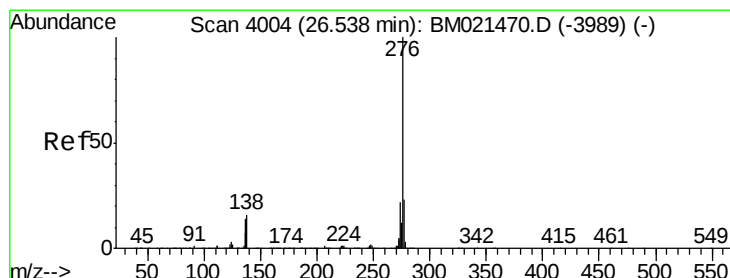
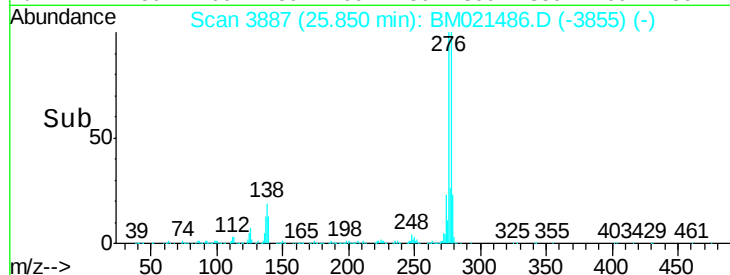
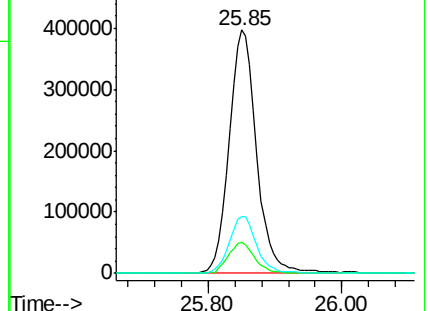
279 23.5 18.6 28.0



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: 20.768 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.01 min

Lab File: BM021486.D

Acq: 17 Jul 2019 08:31

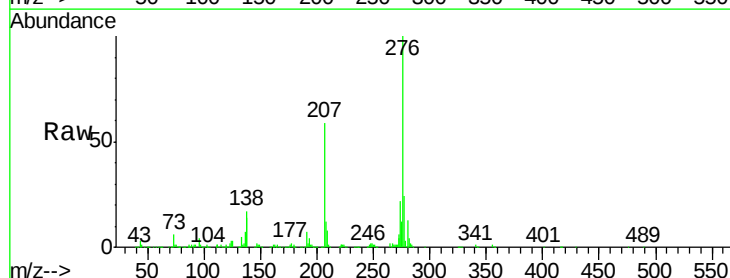
Tgt Ion:276 Resp: 1133340

Ion Ratio Lower Upper

276 100

138 17.1 13.4 20.2

277 23.6 18.8 28.2



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

