

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM082119\  
 Data File : BM022229.D  
 Acq On : 21 Aug 2019 15:07  
 Operator : HP/JU  
 Sample : K4408-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Quant Time: Aug 21 15:39:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 02:18:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 35178    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.34 | 136  | 137504   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.22 | 164  | 83912    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 153003   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.19 | 240  | 128405   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.39 | 264  | 146243   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.18  | 112 | 222053 | 112.48 | ng | 0.00 |
| 7) Phenol-d6             | 6.76  | 99  | 297643 | 113.22 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.74  | 82  | 214066 | 75.72  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 141010 | 103.82 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.83 | 172 | 420484 | 62.59  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.63 | 244 | 559956 | 63.54  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88  | 29903  | 36.153 | ng | # 81   |
| 3) Pyridine                    | 3.56  | 79  | 75010  | 35.797 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 56691  | 45.159 | ng | # 57   |
| 6) Aniline                     | 6.92  | 93  | 93195  | 26.478 | ng | 93     |
| 8) 2-Chlorophenol              | 7.14  | 128 | 103442 | 44.009 | ng | 96     |
| 9) Benzaldehyde                | 6.74  | 77  | 44366  | 26.632 | ng | 93     |
| 10) Phenol                     | 6.79  | 94  | 128532 | 46.182 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 7.02  | 93  | 84258  | 38.271 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.45  | 146 | 109987 | 38.392 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.60  | 146 | 112681 | 38.742 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.91  | 146 | 110905 | 39.152 | ng | 98     |
| 15) Benzyl Alcohol             | 7.83  | 79  | 94109  | 40.724 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 114920 | 37.674 | ng | 98     |
| 17) 2-Methylphenol             | 8.02  | 107 | 83862  | 42.246 | ng | # 92   |
| 18) Hexachloroethane           | 8.62  | 117 | 49912  | 39.527 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.38  | 70  | 78666  | 37.990 | ng | # 87   |
| 20) 3+4-Methylphenols          | 8.35  | 107 | 110804 | 41.331 | ng | 92     |
| 22) Acetophenone               | 8.40  | 105 | 150229 | 42.588 | ng | # 91   |
| 24) Nitrobenzene               | 8.78  | 77  | 126524 | 43.711 | ng | 93     |
| 25) Isophorone                 | 9.30  | 82  | 209811 | 41.818 | ng | 97     |
| 26) 2-Nitrophenol              | 9.47  | 139 | 54762  | 44.664 | ng | # 69   |
| 27) 2,4-Dimethylphenol         | 9.54  | 122 | 92017  | 49.790 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 9.77  | 93  | 124387 | 41.906 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.00 | 162 | 100228 | 44.942 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.20 | 180 | 117457 | 42.758 | ng | 100    |
| 31) Naphthalene                | 10.39 | 128 | 305948 | 42.840 | ng | 99     |
| 32) Benzoic acid               | 9.73  | 122 | 55732  | 35.327 | ng | 94     |
| 33) 4-Chloroaniline            | 10.54 | 127 | 26540  | 8.880  | ng | 96     |
| 34) Hexachlorobutadiene        | 10.65 | 225 | 100251 | 42.532 | ng | 99     |
| 35) Caprolactam                | 11.36 | 113 | 12025  | 20.059 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 11.66 | 107 | 101769 | 43.172 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.01 | 142 | 221768 | 42.484 | ng | # 90   |
| 38) 1-Methylnaphthalene        | 12.23 | 142 | 210402 | 42.198 | ng | # 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 152917 | 46.556 | ng | 99     |

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 Sample : K4408-01MSD  
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 ALS Vial : 11 Sample Multiplier: 1

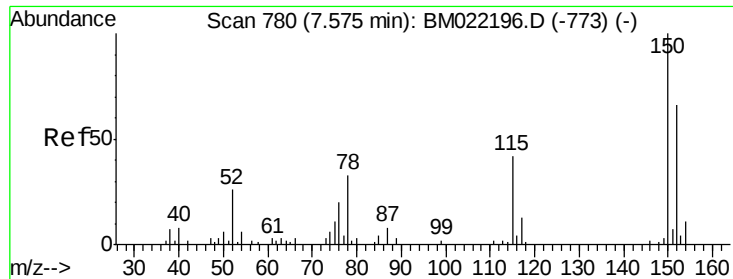
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Quant Time: Aug 21 15:39:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 02:18:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.34 | 237  | 158233   | 81.938 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.64 | 196  | 89820    | 45.618 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.72 | 196  | 92740    | 46.402 | ng #  | 94       |
| 46) 1,1'-Biphenyl              | 13.04 | 154  | 292304   | 44.294 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.09 | 162  | 233459   | 42.986 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.33 | 65   | 68078    | 39.657 | ng    | 84       |
| 49) Acenaphthylene             | 13.94 | 152  | 361015   | 43.337 | ng    | 99       |
| 50) Dimethylphthalate          | 13.70 | 163  | 344777   | 48.871 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.83 | 165  | 59588    | 42.770 | ng #  | 57       |
| 52) Acenaphthene               | 14.29 | 154  | 204508   | 42.097 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.17 | 138  | 24770    | 17.853 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 57726    | 73.201 | ng #  | 71       |
| 55) Dibenzofuran               | 14.63 | 168  | 341995   | 42.365 | ng #  | 89       |
| 56) 4-Nitrophenol              | 14.49 | 139  | 84330    | 91.196 | ng #  | 53       |
| 57) 2,4-Dinitrotoluene         | 14.63 | 165  | 80949    | 40.472 | ng #  | 44       |
| 58) Fluorene                   | 15.28 | 166  | 274746   | 40.372 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 85325    | 42.820 | ng #  | 93       |
| 60) Diethylphthalate           | 15.07 | 149  | 296795   | 39.895 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.28 | 204  | 177173   | 41.309 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.34 | 138  | 44826    | 34.907 | ng #  | 51       |
| 63) Azobenzene                 | 15.57 | 77   | 298354   | 41.618 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylphenol | 15.40 | 198  | 39822    | 41.342 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 15.50 | 169  | 221473   | 45.144 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.17 | 248  | 99456    | 43.866 | ng #  | 90       |
| 68) Hexachlorobenzene          | 16.28 | 284  | 107671   | 41.801 | ng #  | 83       |
| 69) Atrazine                   | 16.47 | 200  | 81157    | 49.956 | ng    | 97       |
| 70) Pentachlorophenol          | 16.64 | 266  | 114825   | 91.625 | ng    | 99       |
| 71) Phenanthrene               | 17.03 | 178  | 371250   | 41.841 | ng    | 99       |
| 72) Anthracene                 | 17.12 | 178  | 378917   | 43.021 | ng    | 98       |
| 73) Carbazole                  | 17.40 | 167  | 298088   | 40.559 | ng    | 98       |
| 74) Di-n-butylphthalate        | 17.96 | 149  | 446096   | 40.005 | ng #  | 98       |
| 75) Fluoranthene               | 19.06 | 202  | 414436   | 38.733 | ng    | 98       |
| 77) Benzidine                  | 19.26 | 184  | 171795   | 59.650 | ng    | 99       |
| 78) Pyrene                     | 19.42 | 202  | 413322   | 45.731 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.33 | 149  | 172619   | 42.701 | ng    | 91       |
| 81) Benzo(a)anthracene         | 21.18 | 228  | 377712   | 41.828 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 91524    | 29.069 | ng    | 100      |
| 83) Chrysene                   | 21.23 | 228  | 368419   | 42.264 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 250314   | 41.173 | ng #  | 94       |
| 85) Di-n-octyl phthalate       | 21.97 | 149  | 396940   | 40.338 | ng #  | 94       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.59 | 276  | 518504   | 53.101 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 22.73 | 252  | 402066   | 41.174 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.77 | 252  | 383635   | 40.191 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.30 | 252  | 392468   | 44.132 | ng #  | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.59 | 278  | 435471   | 46.085 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.26 | 276  | 411709   | 49.837 | ng #  | 96       |

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

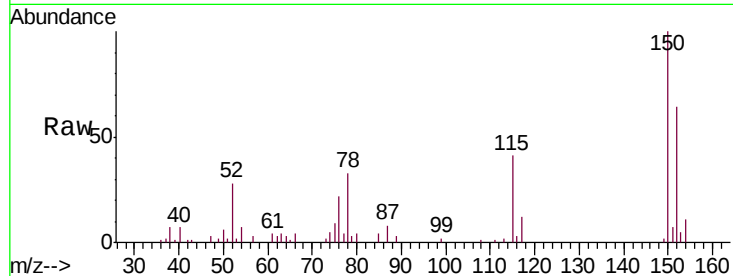




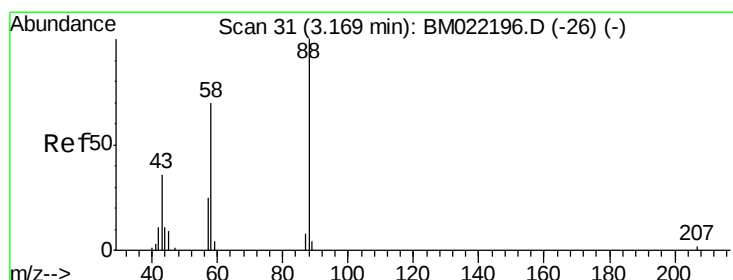
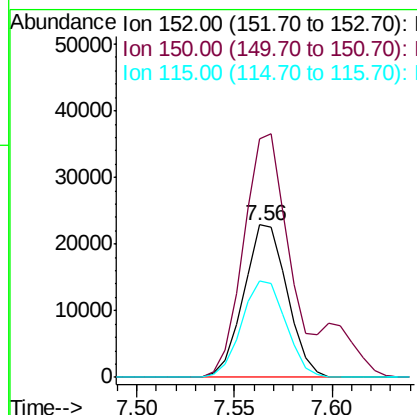
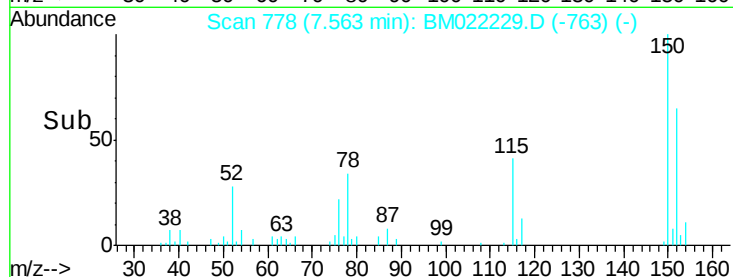
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.56 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Tgt Ion: 152 Resp: 35178  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 123.1 184.7  
 115 63.6 44.2 66.4

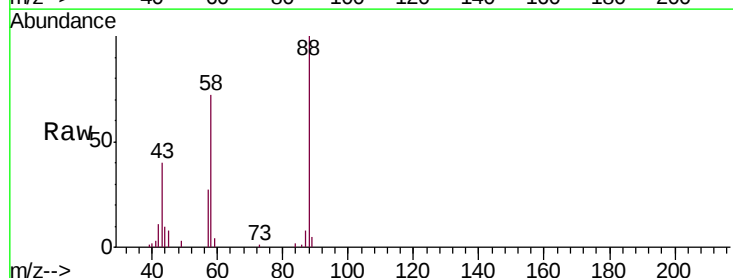


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

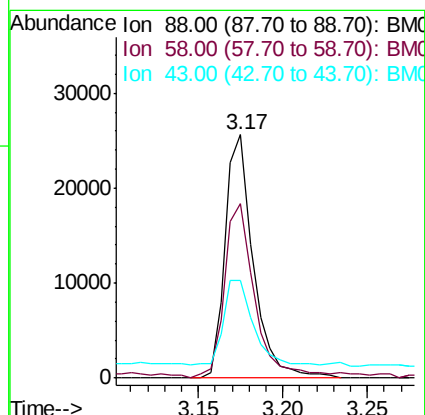
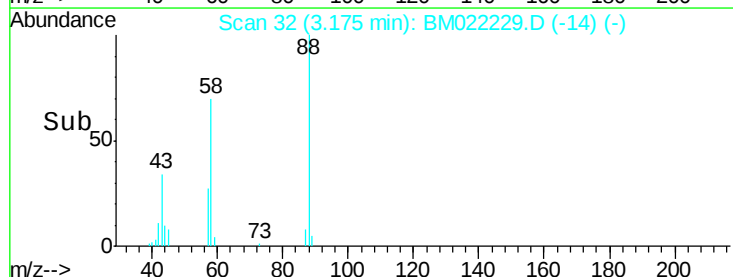


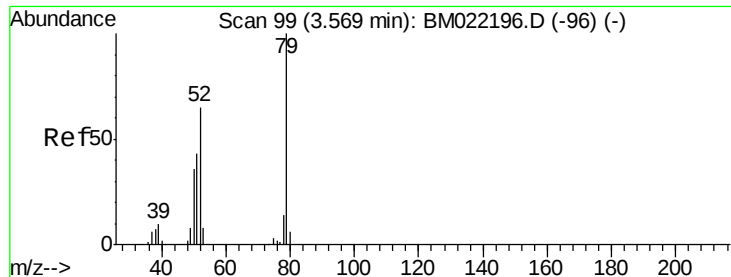
#2  
 1,4-Dioxane  
 Concen: 36.153 ng  
 RT: 3.17 min Scan# 32  
 Delta R.T. 0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion: 88 Resp: 29903  
 Ion Ratio Lower Upper  
 88 100  
 58 78.4 51.9 77.9#  
 43 39.5 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
 Ion 58.00 (57.70 to 58.70): BM0  
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 35.797 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

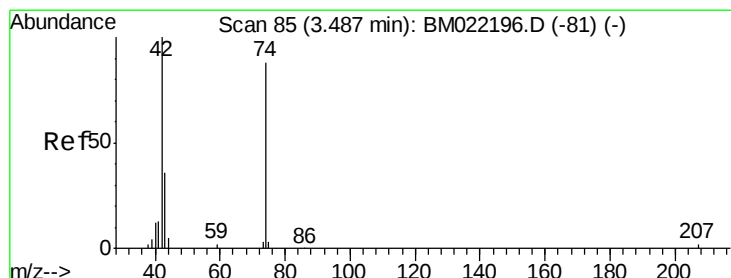
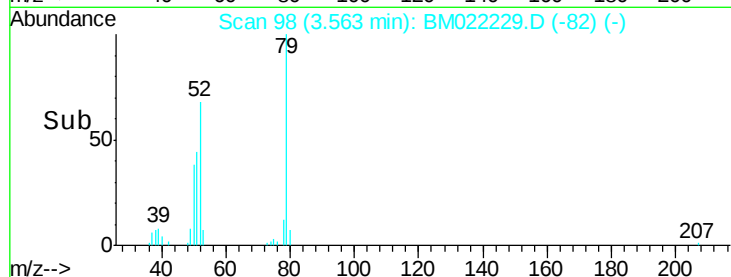
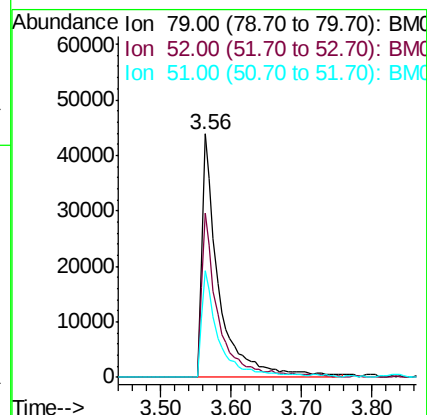
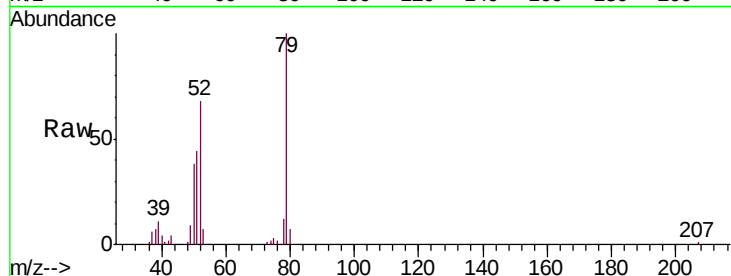
Tgt Ion: 79 Resp: 75010

Ion Ratio Lower Upper

79 100

52 67.5 48.8 73.2

51 43.7 25.7 38.5#



#4

n-Nitrosodimethylamine

Concen: 45.159 ng

RT: 3.49 min Scan# 85

Delta R.T. 0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

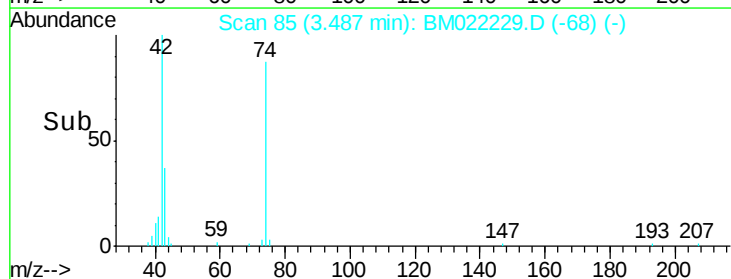
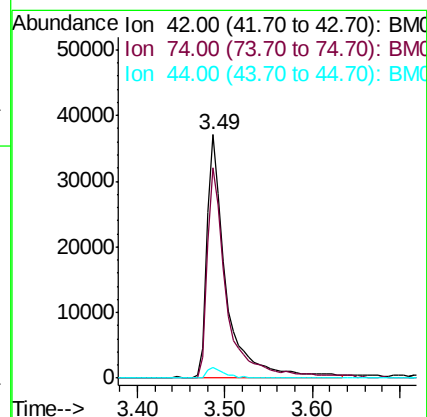
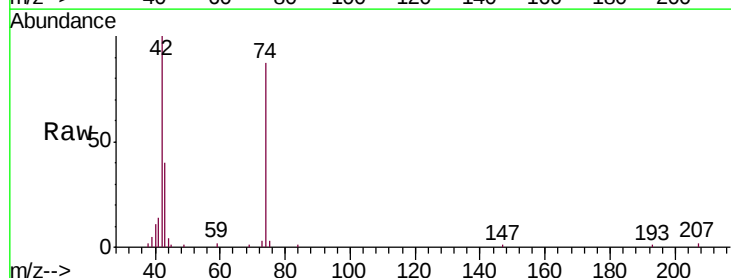
Tgt Ion: 42 Resp: 56691

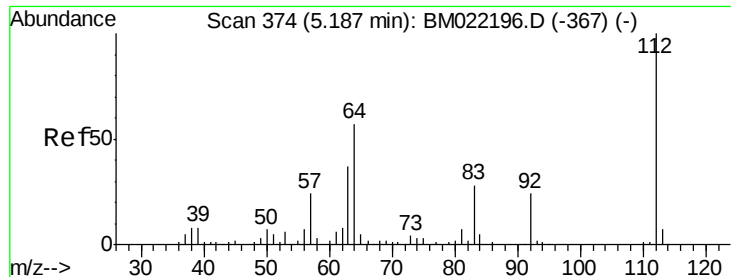
Ion Ratio Lower Upper

42 100

74 86.7 113.8 170.6#

44 4.3 8.2 12.2#





#5

2-Fluorophenol

Concen: 112.483 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

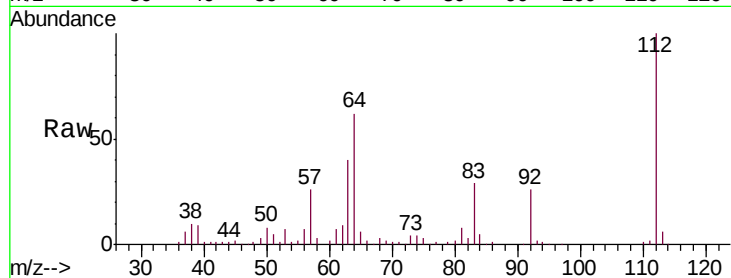
Tgt Ion: 112 Resp: 222053

Ion Ratio Lower Upper

112 100

64 61.6 45.2 67.8

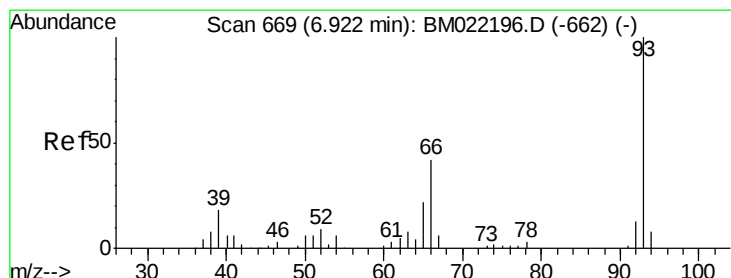
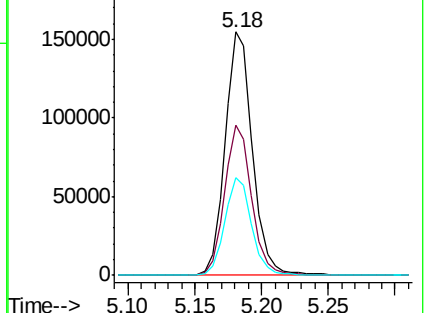
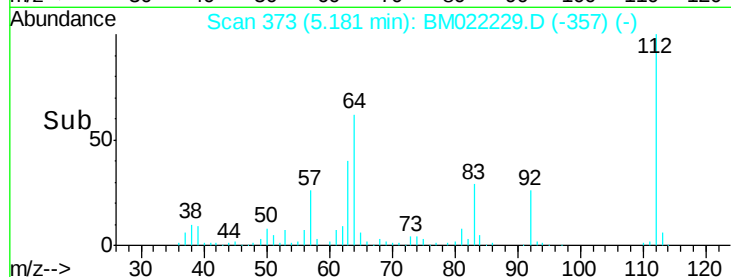
63 40.4 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 26.478 ng

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

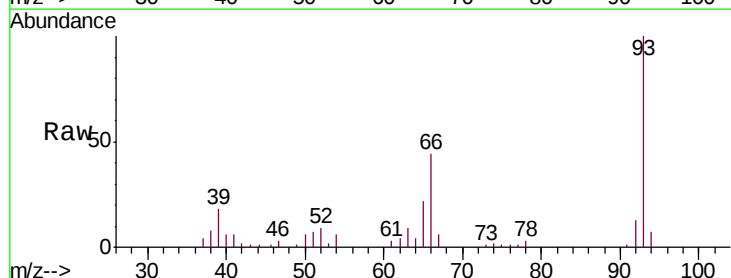
Tgt Ion: 93 Resp: 93195

Ion Ratio Lower Upper

93 100

66 43.6 31.3 46.9

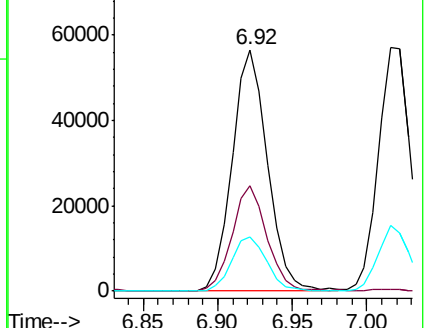
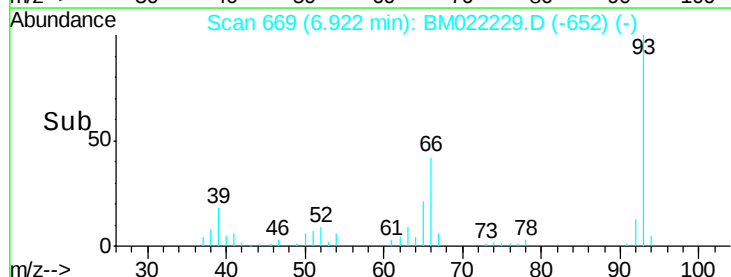
65 22.4 15.9 23.9

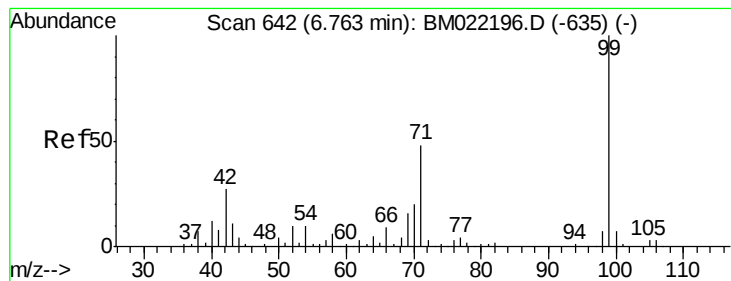


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 113.221 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampled :

SP-1MSD

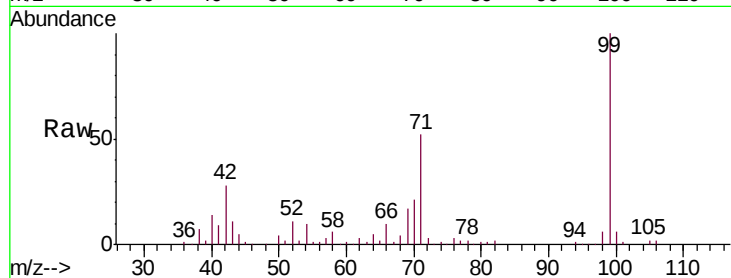
Tgt Ion: 99 Resp: 297643

Ion Ratio Lower Upper

99 100

42 28.2 13.5 20.3#

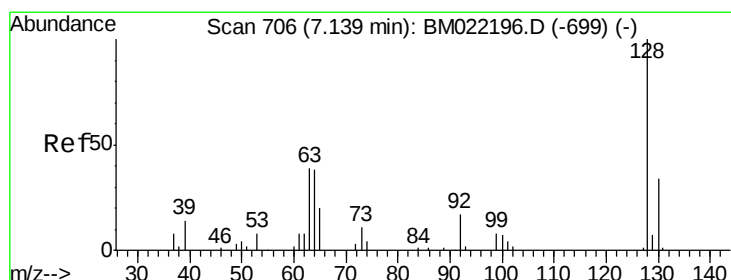
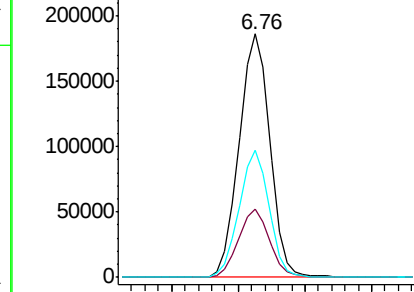
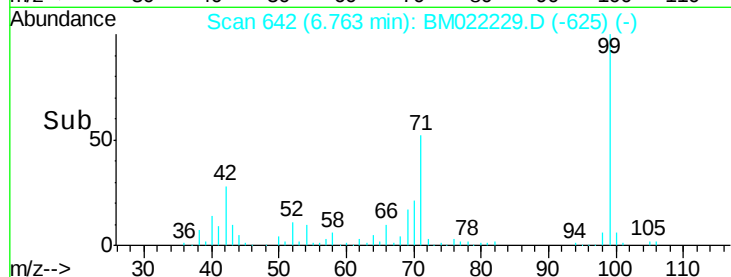
71 52.3 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022229.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022229.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022229.D (-625) (-)



#8

2-Chlorophenol

Concen: 44.009 ng

RT: 7.14 min Scan# 706

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

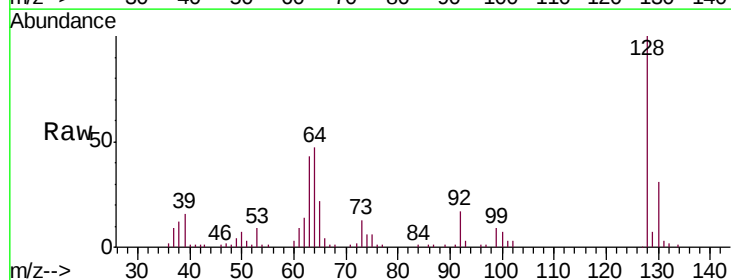
Tgt Ion: 128 Resp: 103442

Ion Ratio Lower Upper

128 100

130 30.5 12.2 52.2

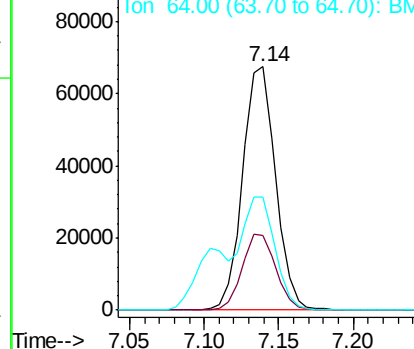
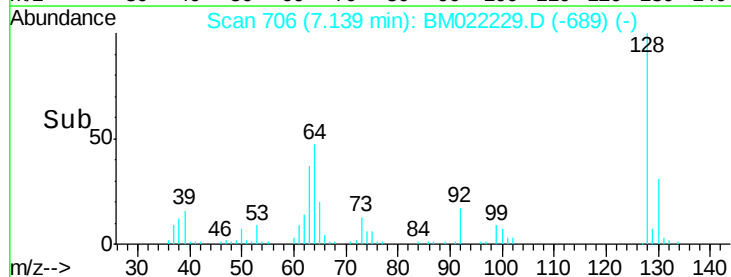
64 46.7 23.2 63.2

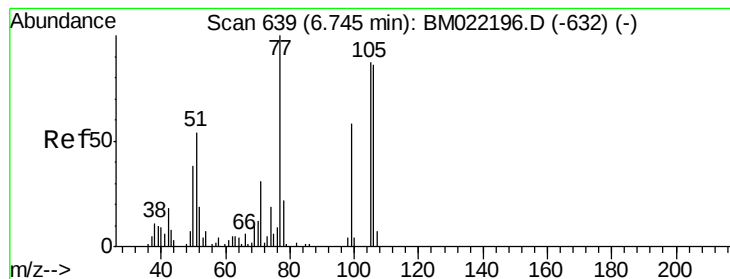


Abundance Ion 128.00 (127.70 to 128.70): BM022229.D (-689) (-)

Ion 130.00 (129.70 to 130.70): BM022229.D (-689) (-)

Ion 64.00 (63.70 to 64.70): BM022229.D (-689) (-)





#9

Benzaldehyde

Concen: 26.632 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

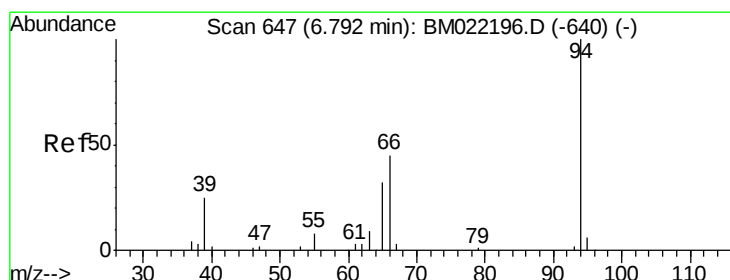
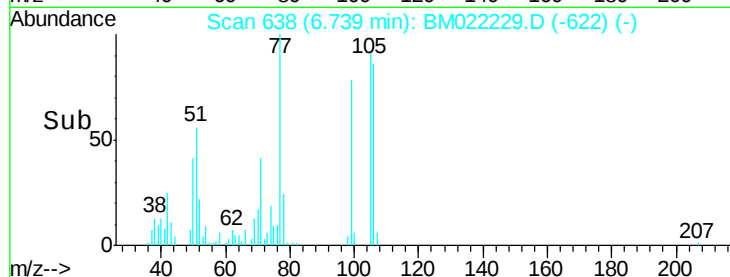
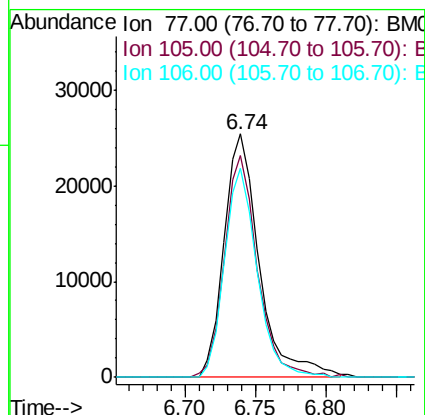
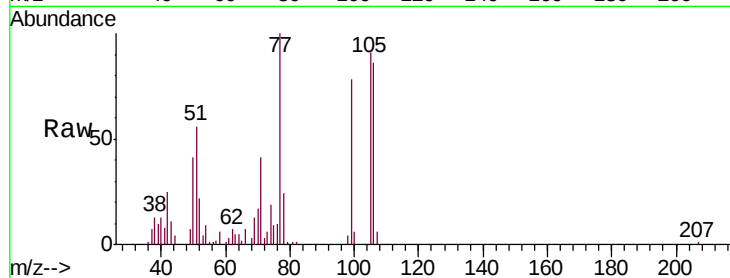
Tgt Ion: 77 Resp: 44366

Ion Ratio Lower Upper

77 100

105 91.1 77.8 117.8

106 85.8 71.8 111.8



#10

Phenol

Concen: 46.182 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

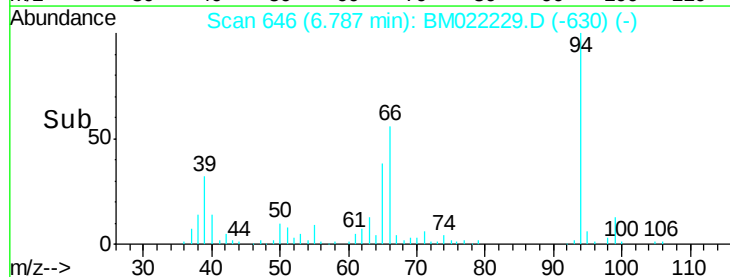
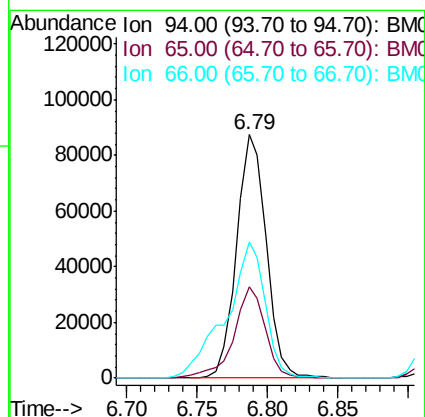
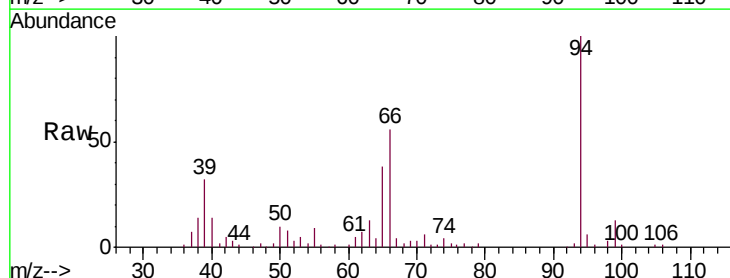
Tgt Ion: 94 Resp: 128532

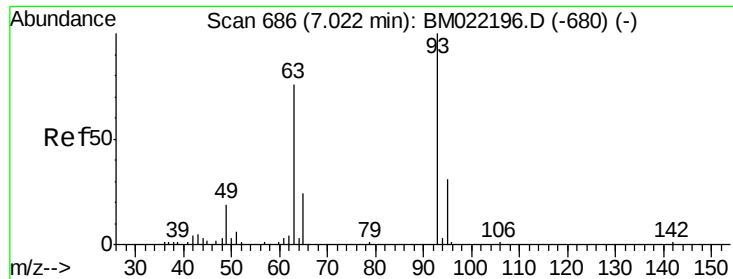
Ion Ratio Lower Upper

94 100

65 37.5 8.7 48.7

66 55.8 19.0 59.0

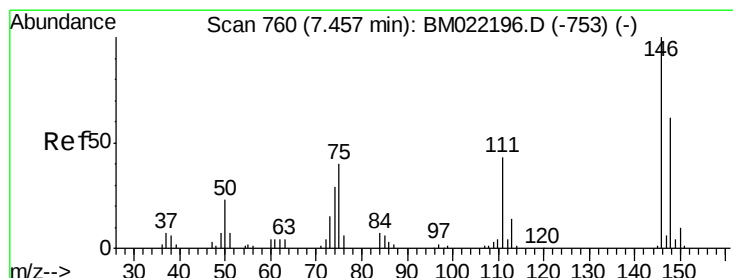
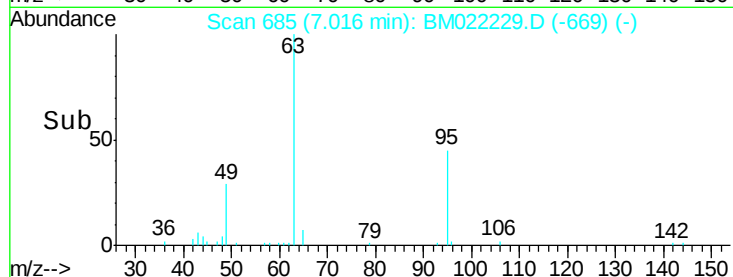
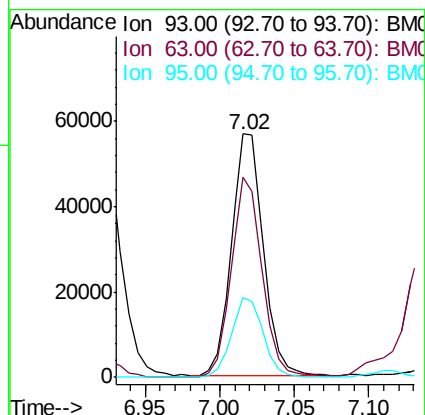
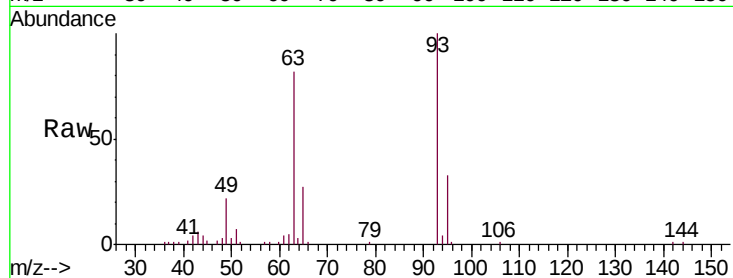




#11  
bis(2-Chloroethyl)ether  
Concen: 38.271 ng  
RT: 7.02 min Scan# 685  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

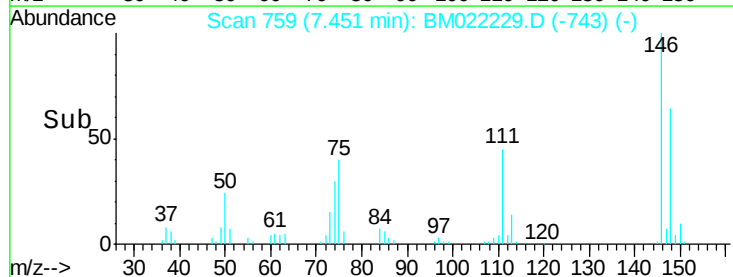
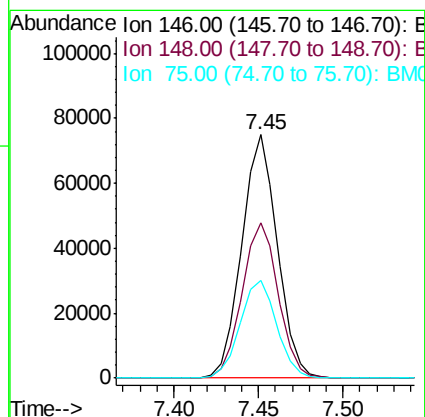
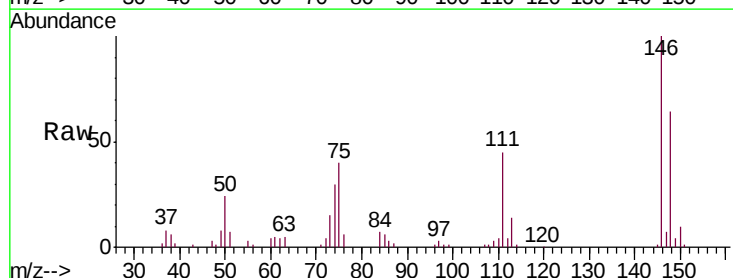
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

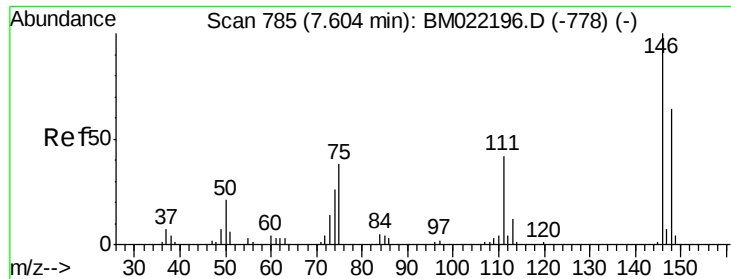
Tgt Ion: 93 Resp: 84258  
Ion Ratio Lower Upper  
93 100  
63 82.0 53.4 93.4  
95 32.8 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 38.392 ng  
RT: 7.45 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Tgt Ion: 146 Resp: 109987  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.2 78.2  
75 40.3 22.2 33.4#

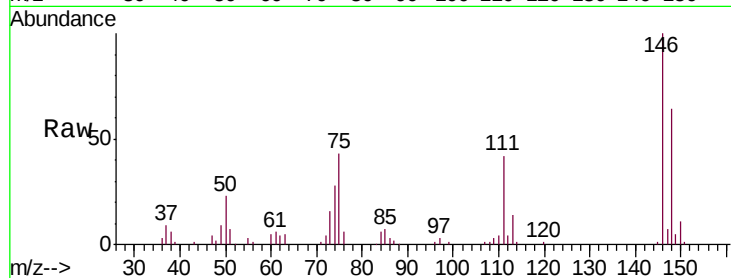




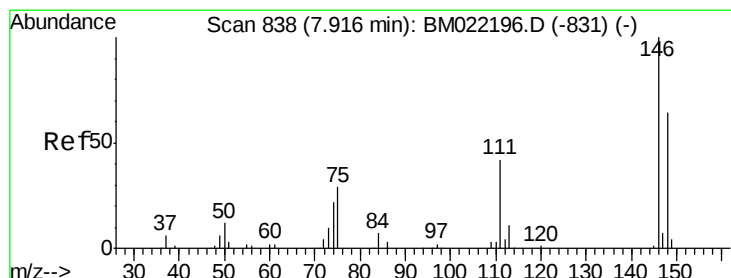
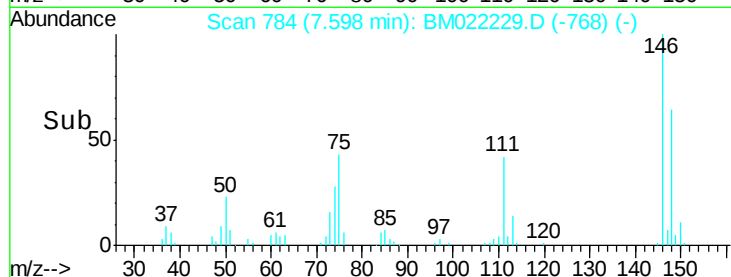
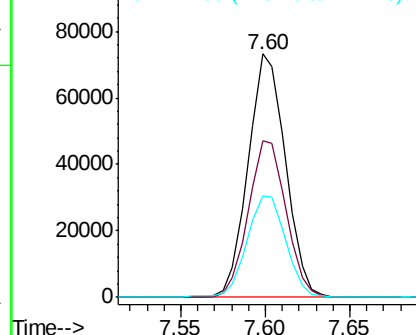
#13  
 1,4-Dichlorobenzene  
 Concen: 38.742 ng  
 RT: 7.60 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

Tgt Ion:146 Resp: 112681  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.9 77.9  
 111 41.8 31.4 47.0

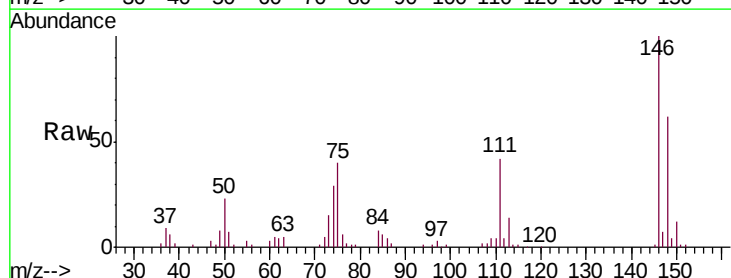


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

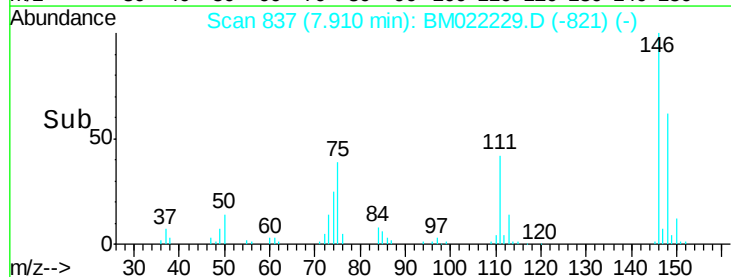
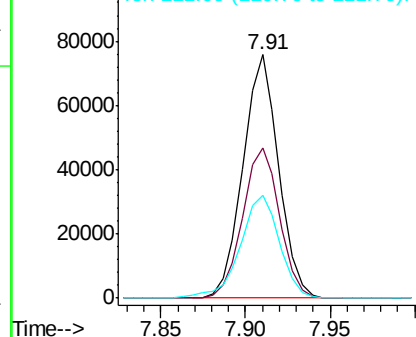


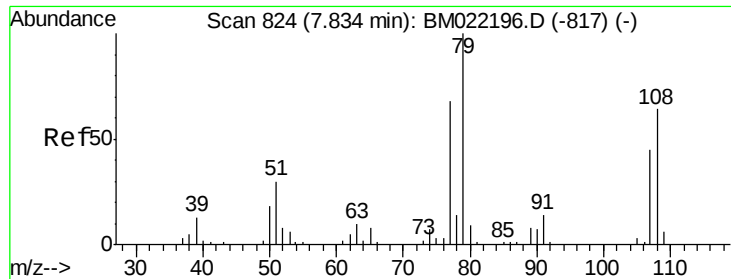
#14  
 1,2-Dichlorobenzene  
 Concen: 39.152 ng  
 RT: 7.91 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:146 Resp: 110905  
 Ion Ratio Lower Upper  
 146 100  
 148 61.8 51.2 76.8  
 111 42.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

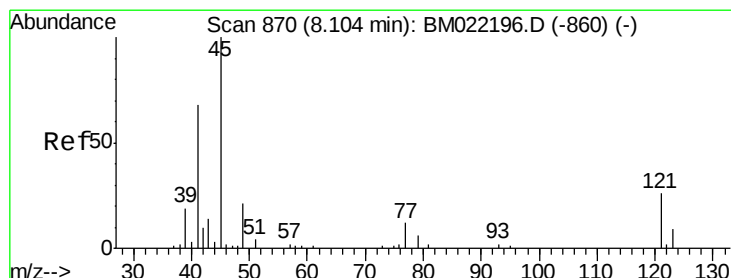
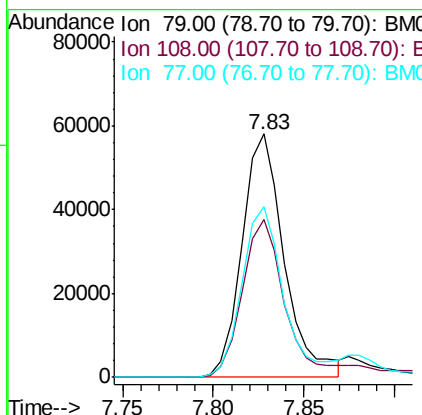
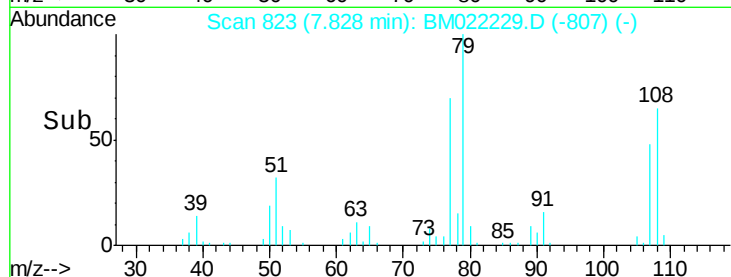
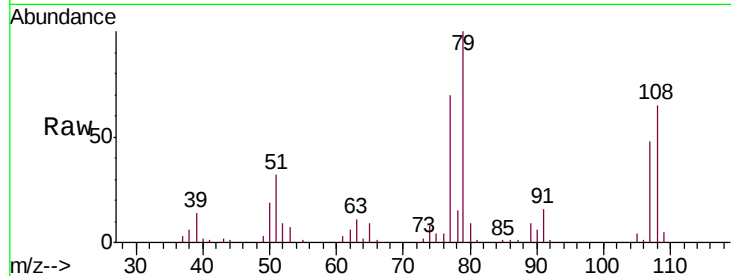




#15  
Benzyl Alcohol  
Concen: 40.724 ng  
RT: 7.83 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

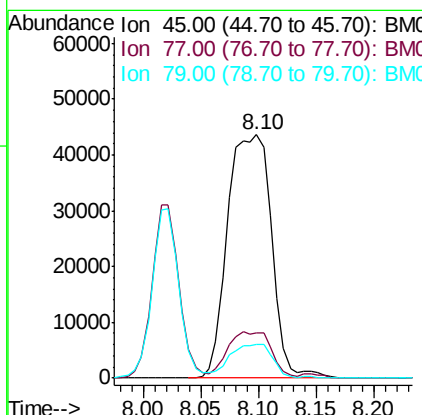
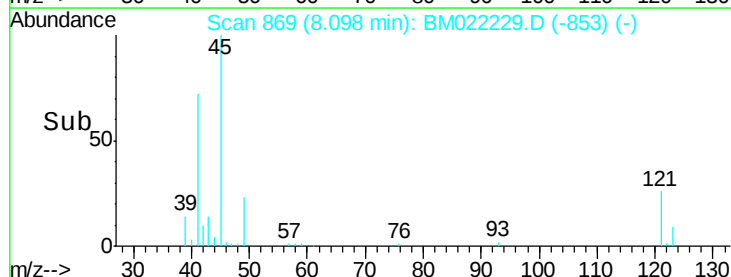
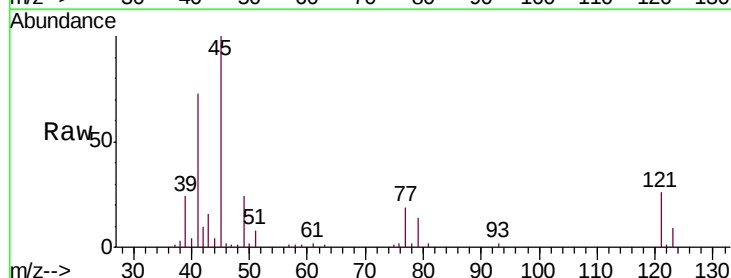
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

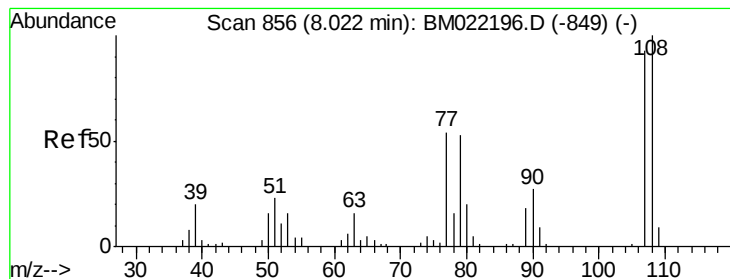
Tgt Ion: 79 Resp: 94109  
Ion Ratio Lower Upper  
79 100  
108 64.6 58.4 87.6  
77 70.4 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.674 ng  
RT: 8.10 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Tgt Ion: 45 Resp: 114920  
Ion Ratio Lower Upper  
45 100  
77 18.7 0.0 37.5  
79 13.9 0.0 33.5





#17

2-Methylphenol

Concen: 42.246 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

Tgt Ion:107 Resp: 83862

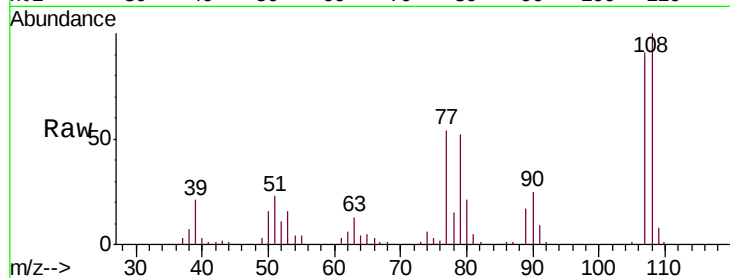
Ion Ratio Lower Upper

107 100

108 109.5 87.5 131.3

77 58.8 37.8 56.8#

79 57.5 37.5 56.3#



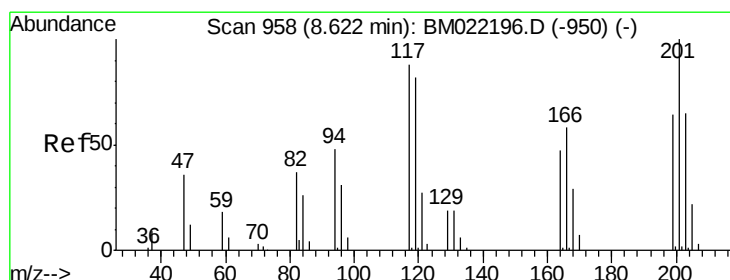
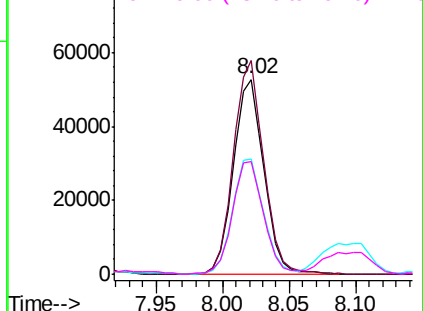
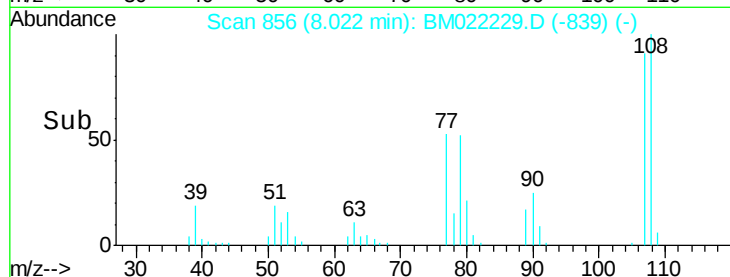
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.527 ng

RT: 8.62 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

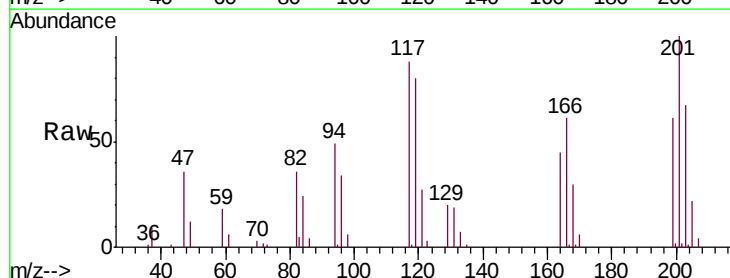
Tgt Ion:117 Resp: 49912

Ion Ratio Lower Upper

117 100

119 90.9 77.5 116.3

201 113.5 102.3 153.5

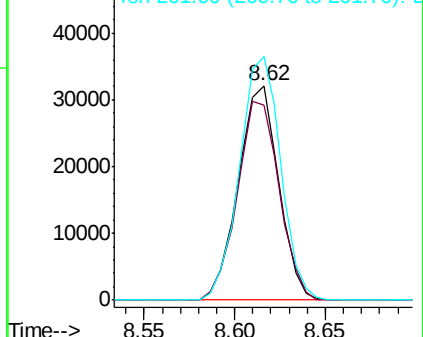
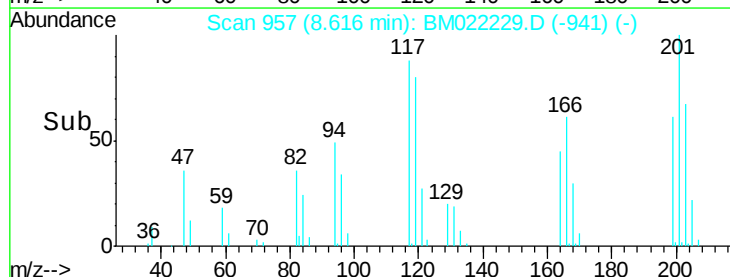


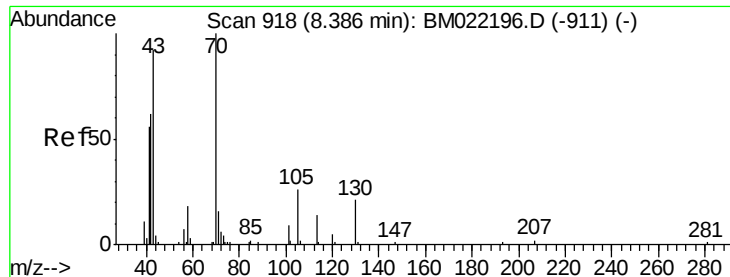
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

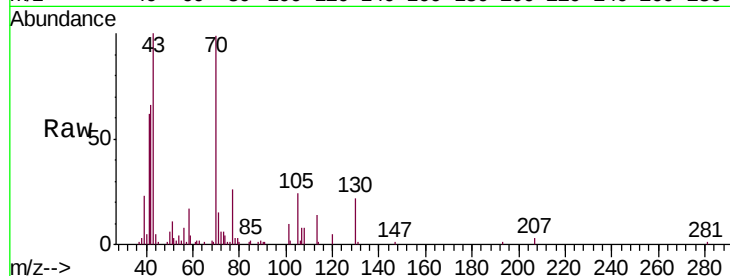




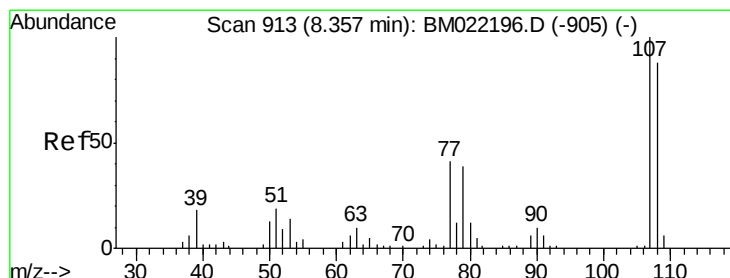
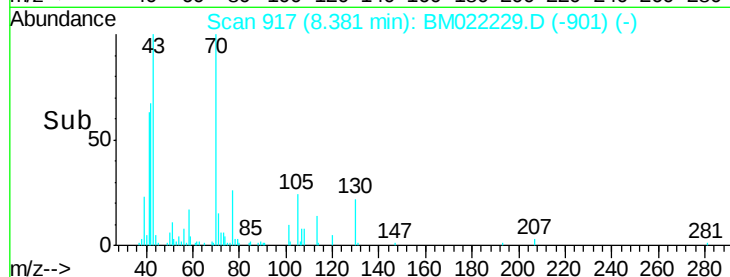
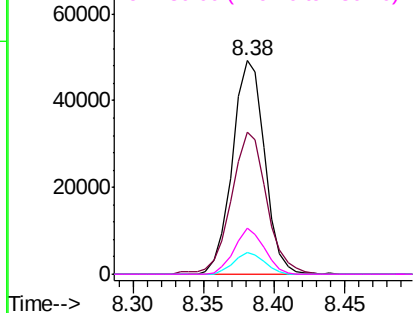
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.990 ng  
RT: 8.38 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

Tgt Ion: 70 Resp: 78666  
Ion Ratio Lower Upper  
70 100  
42 66.8 41.9 62.9#  
101 10.3 8.1 12.1  
130 21.7 17.5 26.3

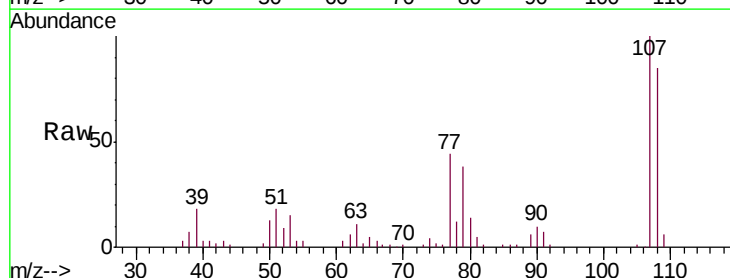


Abundance Ion 70.00 (69.70 to 70.70): BM022229.D (-901) (-)  
Ion 42.00 (41.70 to 42.70): BM022229.D (-901) (-)  
Ion 101.00 (100.70 to 101.70): BM022229.D (-901) (-)  
Ion 130.00 (129.70 to 130.70): BM022229.D (-901) (-)

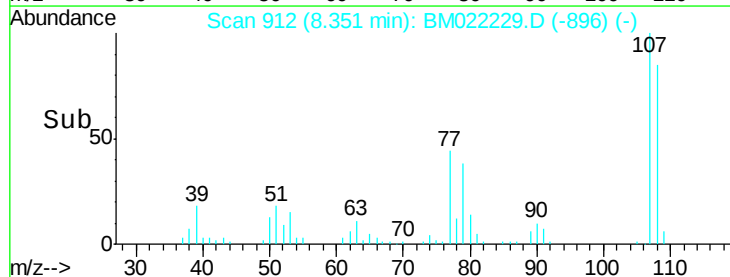
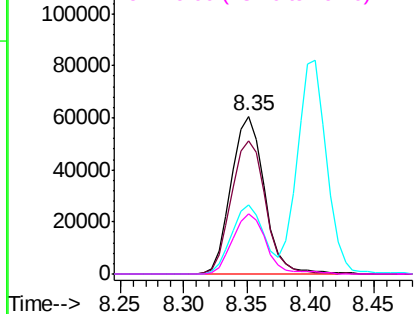


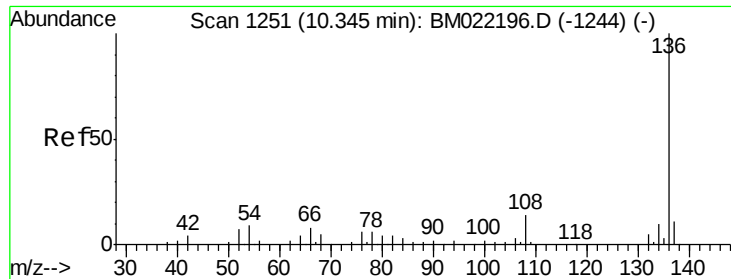
#20  
3+4-Methylphenols  
Concen: 41.331 ng  
RT: 8.35 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Tgt Ion: 107 Resp: 110804  
Ion Ratio Lower Upper  
107 100  
108 84.5 67.9 107.9  
77 43.8 14.6 54.6  
79 38.2 10.8 50.8



Abundance Ion 107.00 (106.70 to 107.70): BM022229.D (-896) (-)  
Ion 108.00 (107.70 to 108.70): BM022229.D (-896) (-)  
Ion 77.00 (76.70 to 77.70): BM022229.D (-896) (-)  
Ion 79.00 (78.70 to 79.70): BM022229.D (-896) (-)

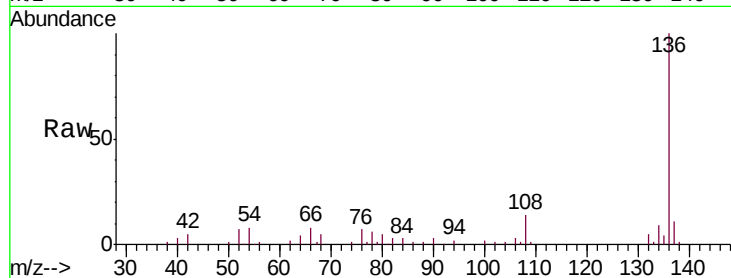




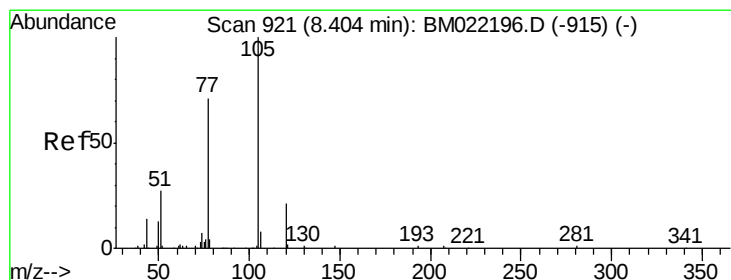
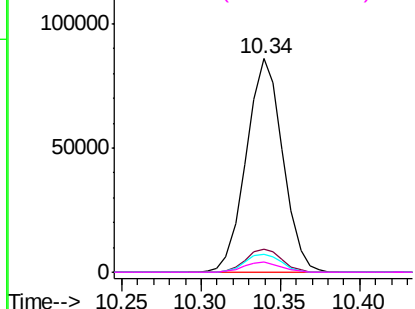
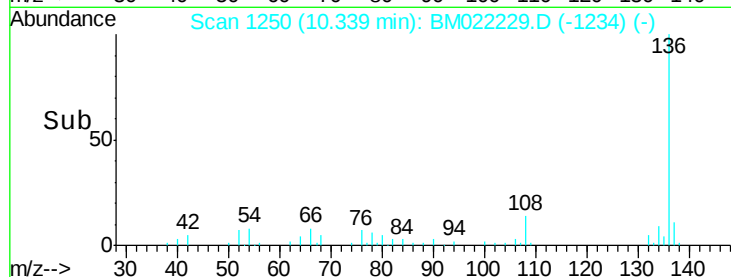
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.34 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 137504 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 8.3   | 5.3   | 7.9#   |
| 68       | 5.1   | 4.4   | 6.6    |

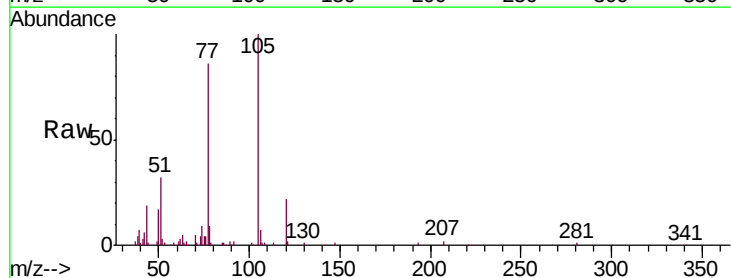


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

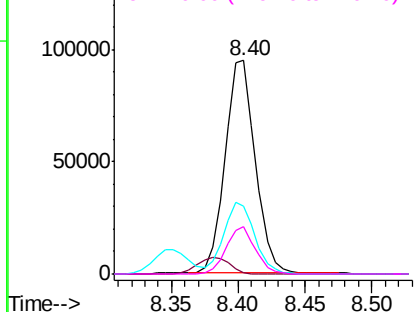
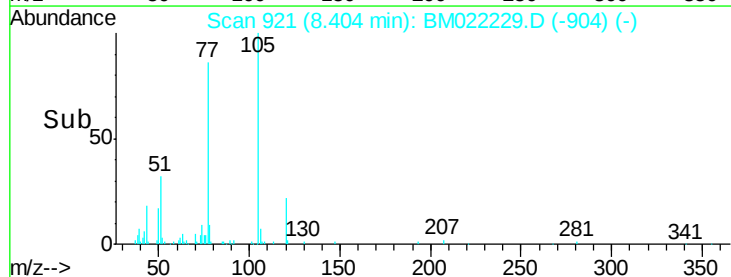


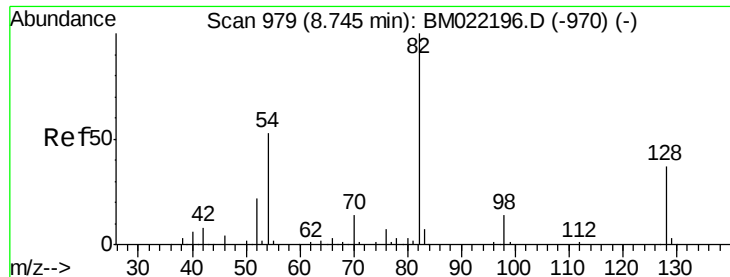
#22  
Acetophenone  
Concen: 42.588 ng  
RT: 8.40 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 150229 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 1.2   | 1.8#   |
| 51       | 32.0  | 19.1  | 28.7#  |
| 120      | 22.1  | 17.9  | 26.9   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E

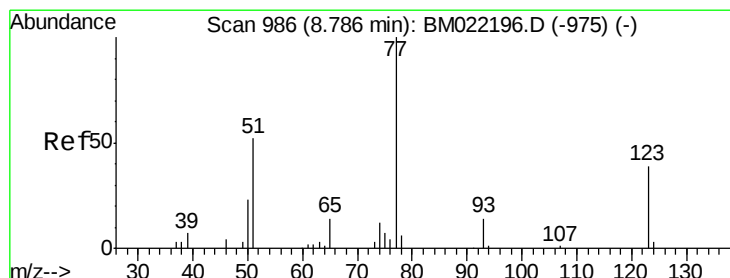
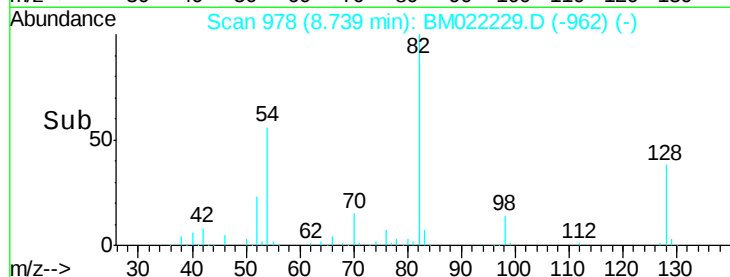
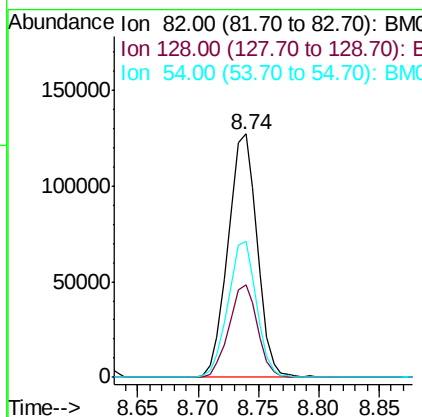
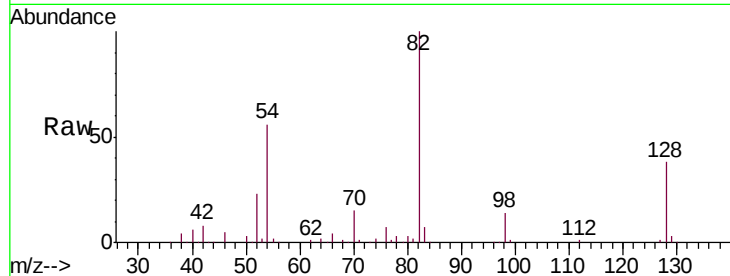




#23  
 Nitrobenzene-d5  
 Concen: 75.718 ng  
 RT: 8.74 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

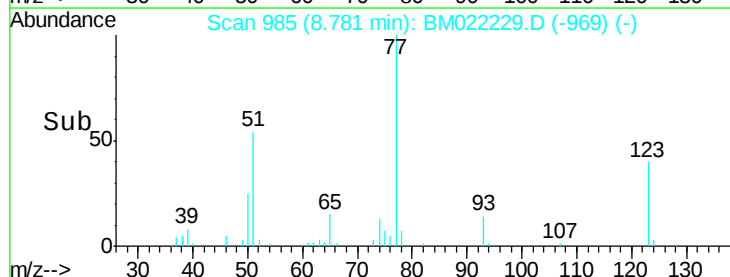
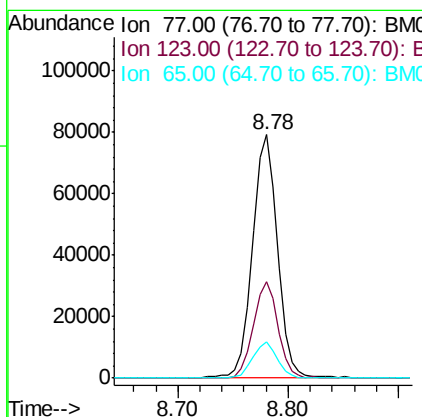
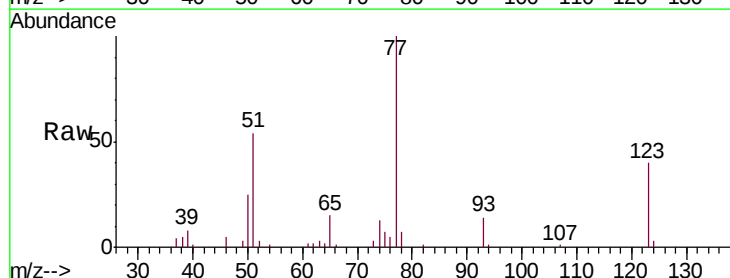
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

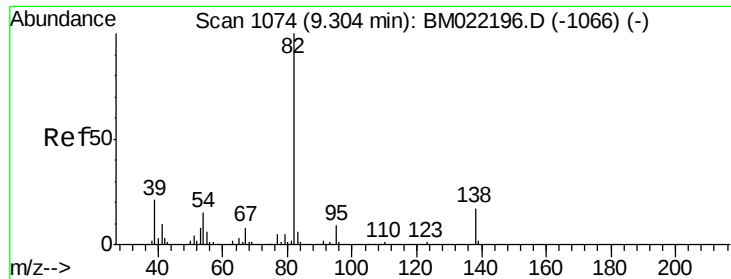
Tgt Ion: 82 Resp: 214066  
 Ion Ratio Lower Upper  
 82 100  
 128 38.2 35.9 53.9  
 54 55.8 36.6 55.0#



#24  
 Nitrobenzene  
 Concen: 43.711 ng  
 RT: 8.78 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion: 77 Resp: 126524  
 Ion Ratio Lower Upper  
 77 100  
 123 39.8 36.3 54.5  
 65 14.8 10.6 16.0

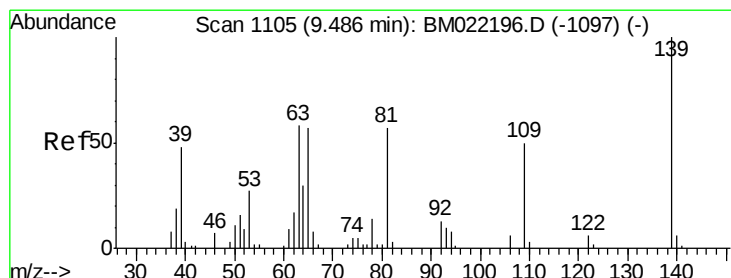
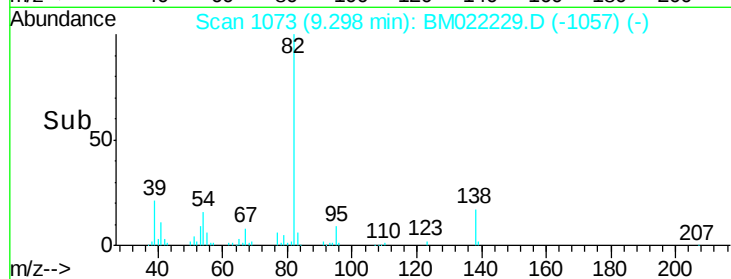
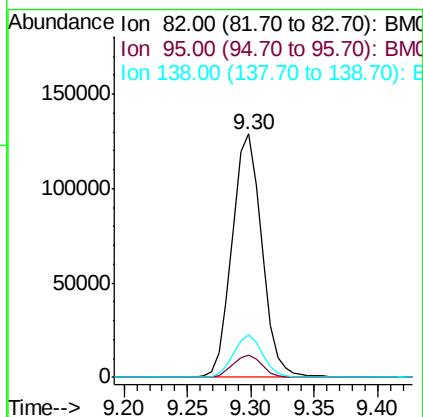
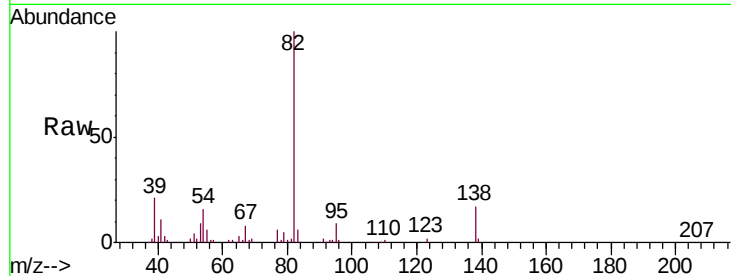




#25  
Isophorone  
Concen: 41.818 ng  
RT: 9.30 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

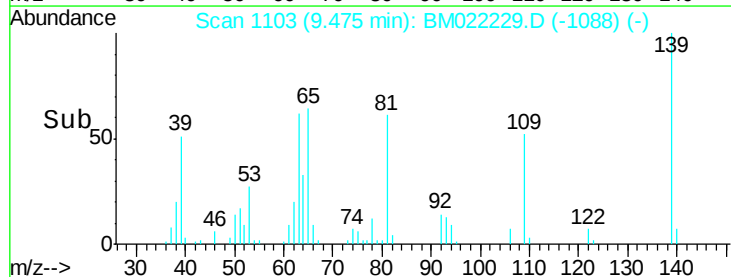
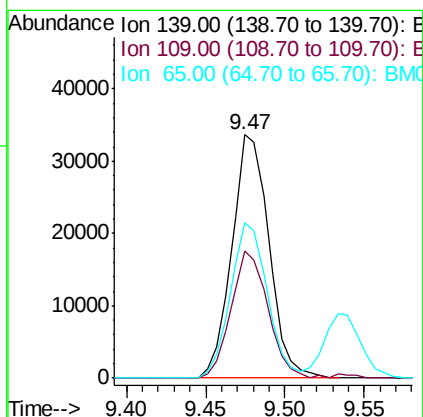
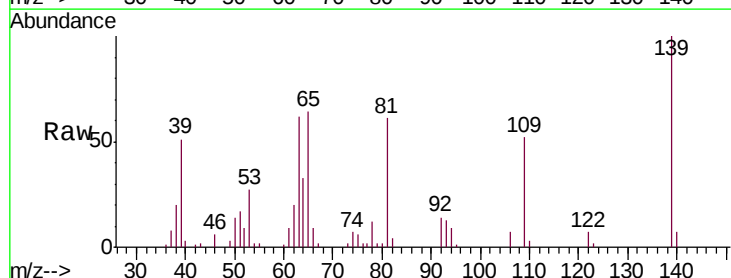
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

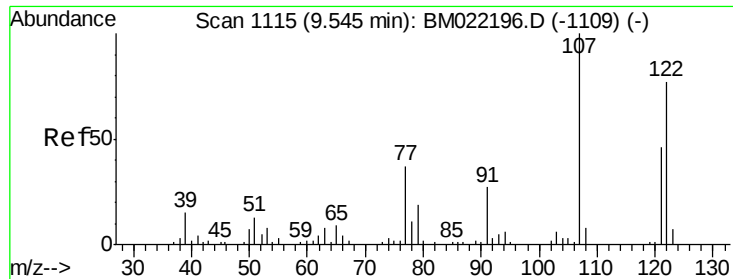
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 9.1   | 6.1   | 9.1   |
| 138     | 17.4  | 15.0  | 22.6  |



#26  
2-Nitrophenol  
Concen: 44.664 ng  
RT: 9.47 min Scan# 1103  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 52.4  | 25.2  | 37.8# |
| 65      | 63.9  | 37.4  | 56.0# |

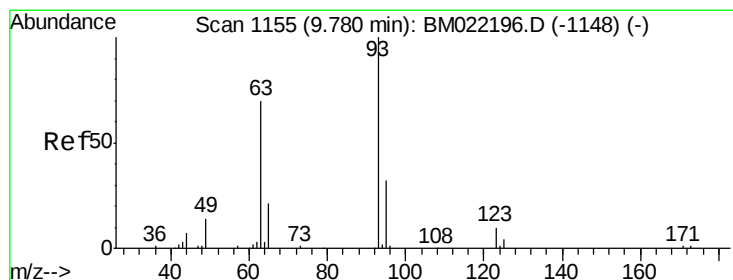
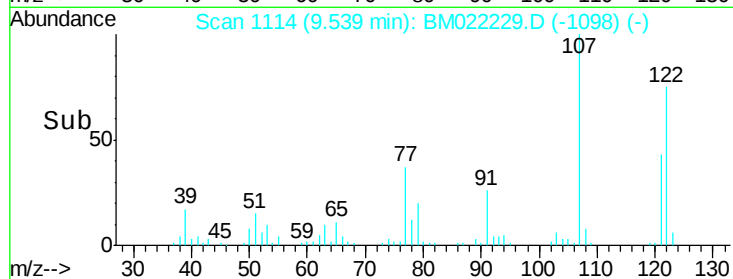
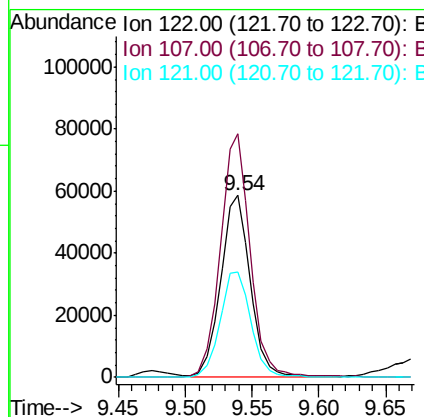
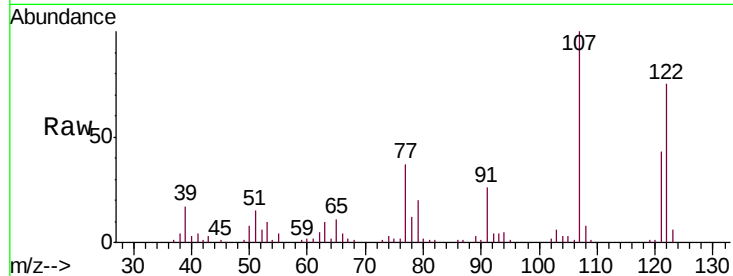




#27  
 2,4-Dimethylphenol  
 Concen: 49.790 ng  
 RT: 9.54 min Scan# 1114  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

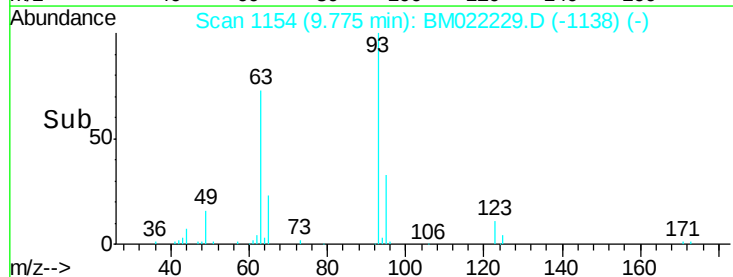
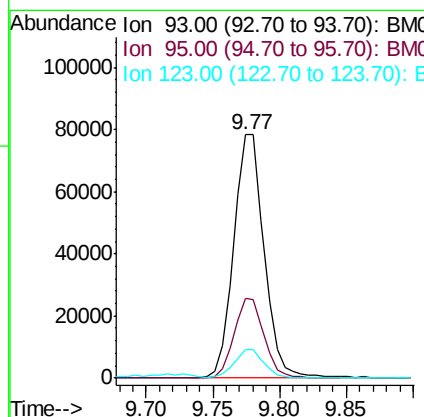
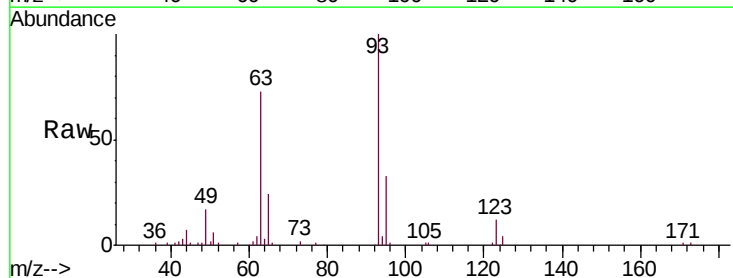
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

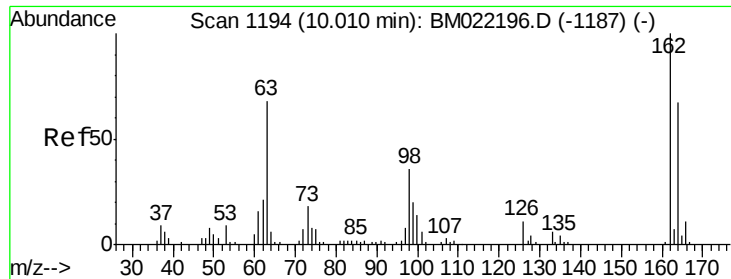
Tgt Ion:122 Resp: 92017  
 Ion Ratio Lower Upper  
 122 100  
 107 134.1 95.3 142.9  
 121 58.1 47.5 71.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.906 ng  
 RT: 9.77 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion: 93 Resp: 124387  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 26.2 39.2  
 123 11.9 9.0 13.4

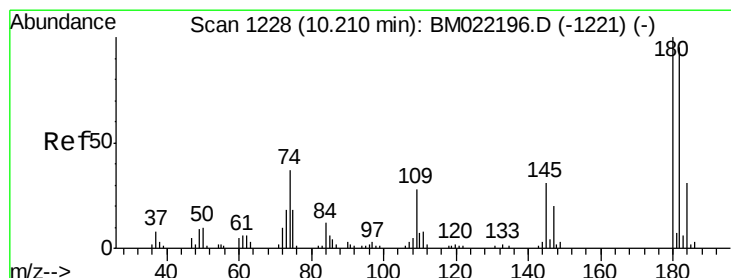
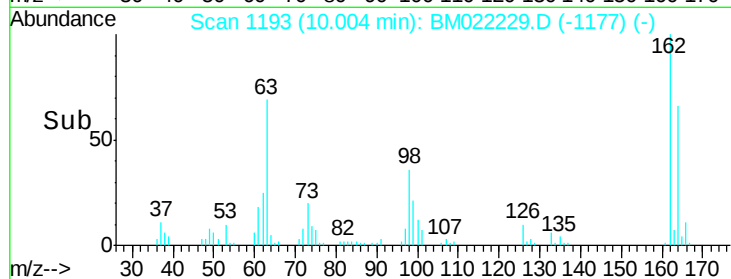
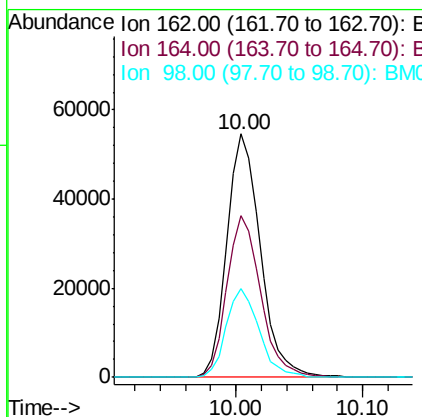
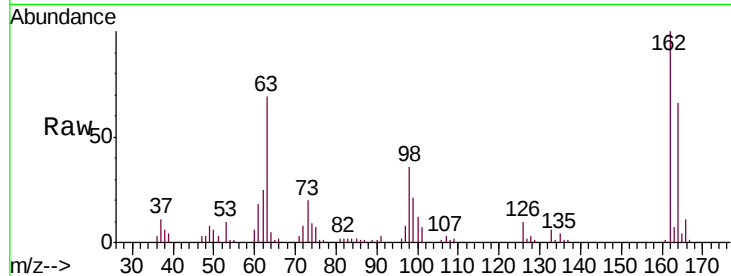




#29  
 2,4-Dichlorophenol  
 Concen: 44.942 ng  
 RT: 10.00 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

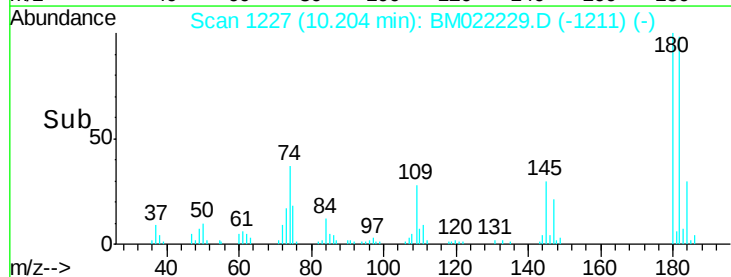
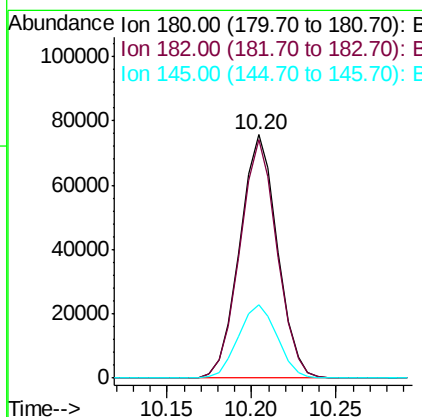
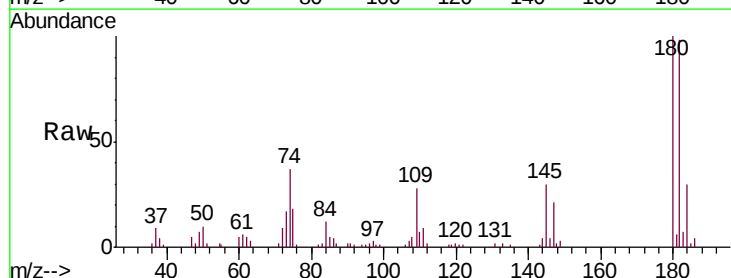
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

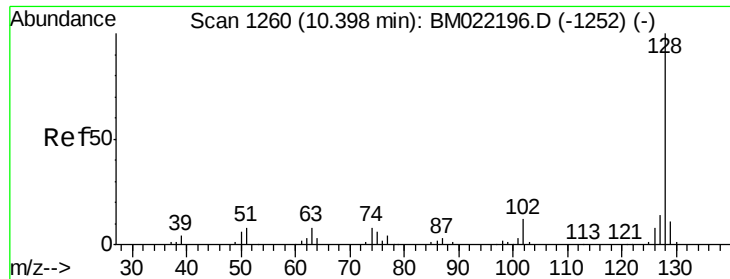
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.3  | 43.7  | 83.7  |
| 98      | 36.2  | 13.4  | 53.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.758 ng  
 RT: 10.20 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 78.0  | 117.0 |
| 145     | 29.9  | 23.4  | 35.0  |

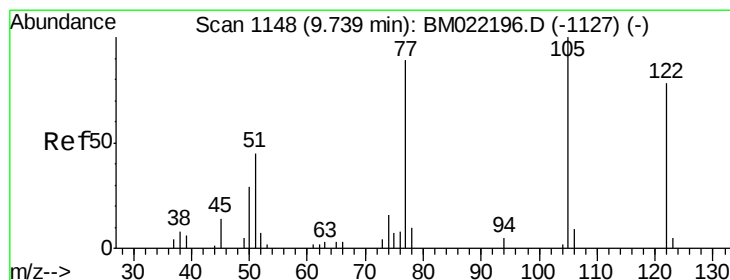
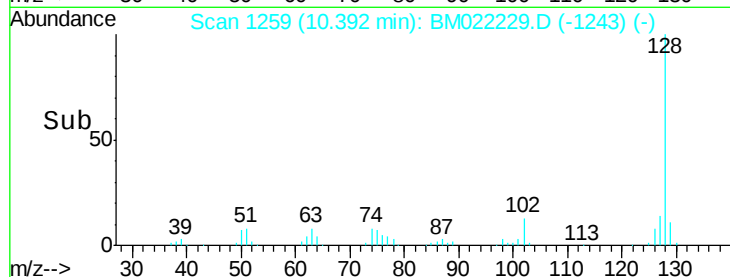
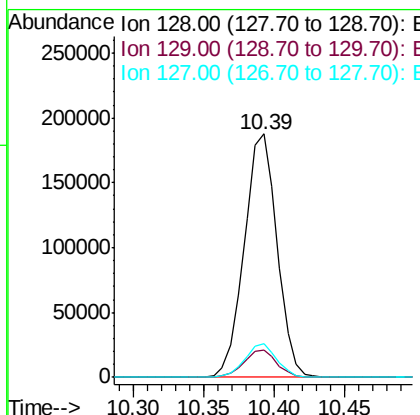
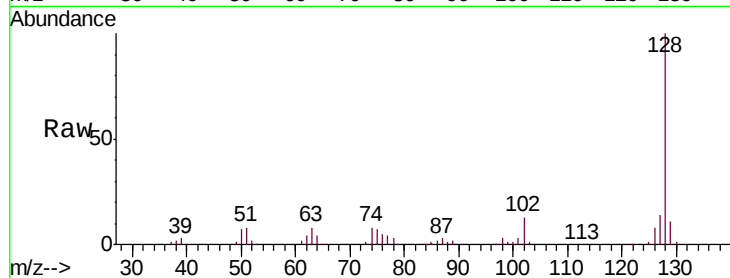




#31  
Naphthalene  
Concen: 42.840 ng  
RT: 10.39 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

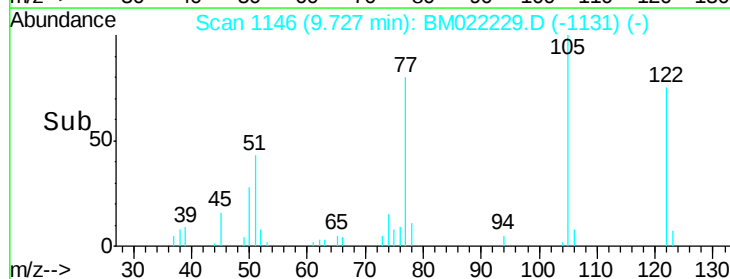
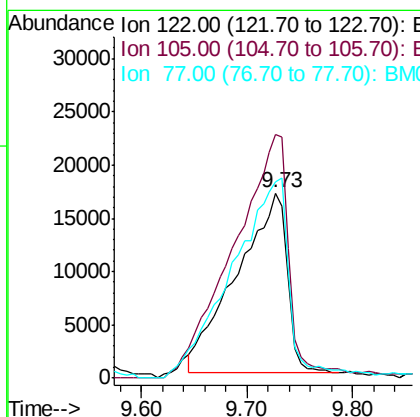
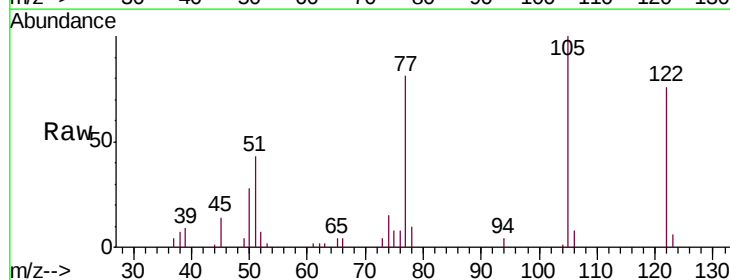
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

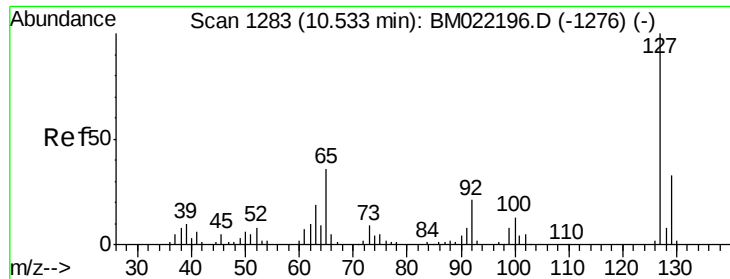
Tgt Ion:128 Resp: 305948  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.6 13.0  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 35.327 ng  
RT: 9.73 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Tgt Ion:122 Resp: 55732  
Ion Ratio Lower Upper  
122 100  
105 131.8 108.9 148.9  
77 106.1 76.7 116.7

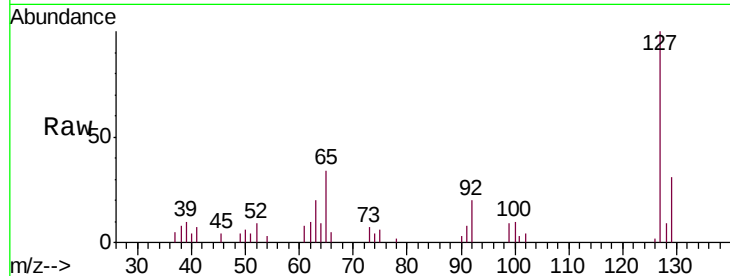




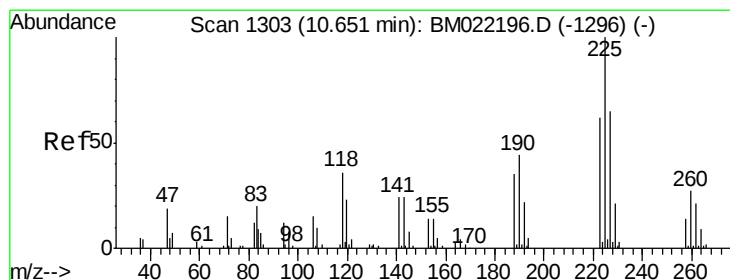
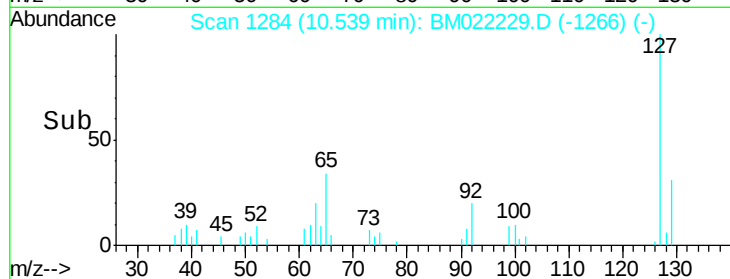
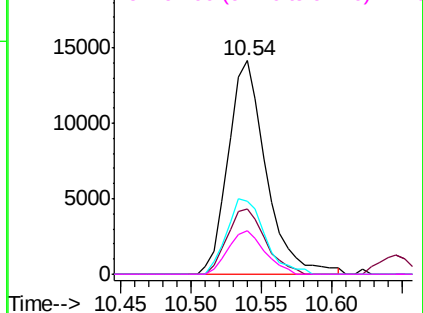
#33  
4-Chloroaniline  
Concen: 8.880 ng  
RT: 10.54 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 26540 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.8  | 25.1  | 37.7  |
| 65       | 34.4  | 23.8  | 35.8  |
| 92       | 20.2  | 15.7  | 23.5  |

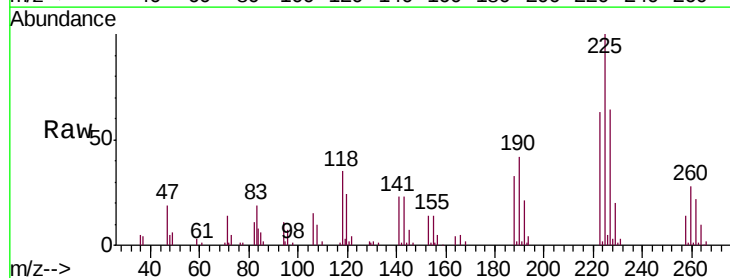


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

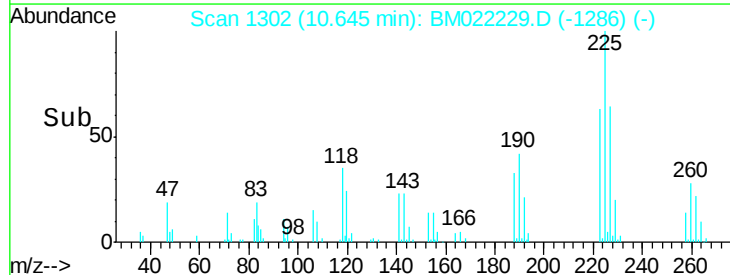
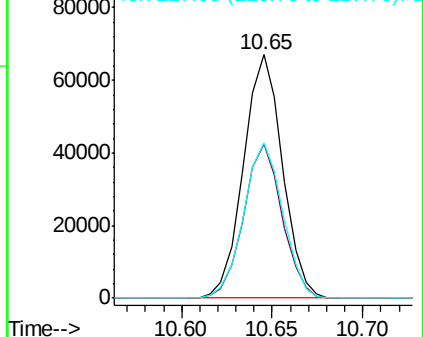


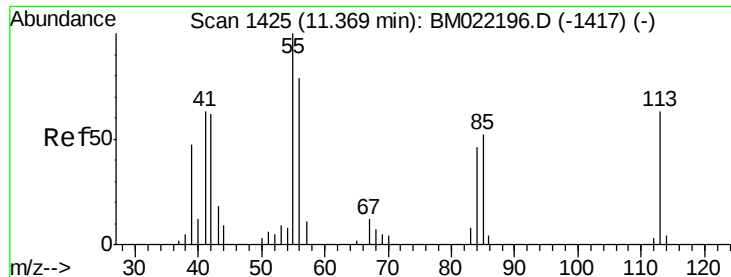
#34  
Hexachlorobutadiene  
Concen: 42.532 ng  
RT: 10.65 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 100251 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.6  | 74.4   |
| 227      | 63.6  | 50.4  | 75.6   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

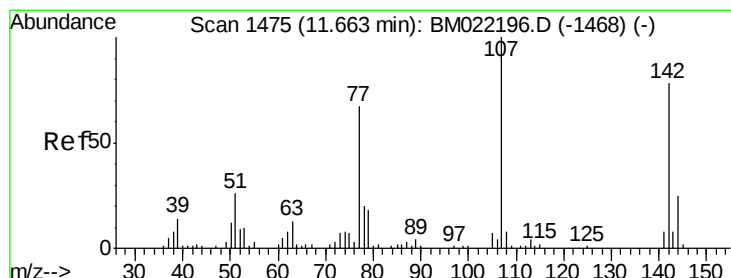
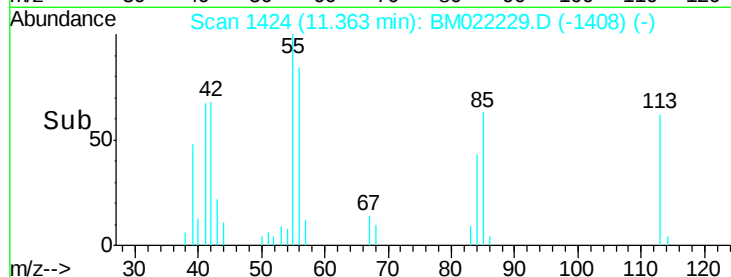
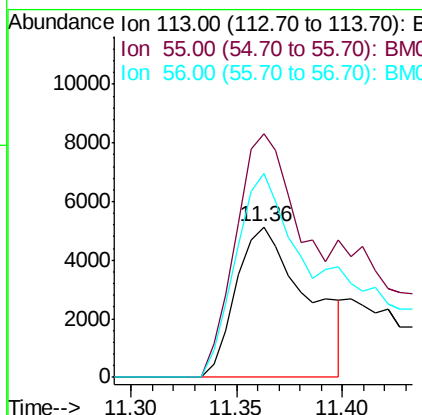
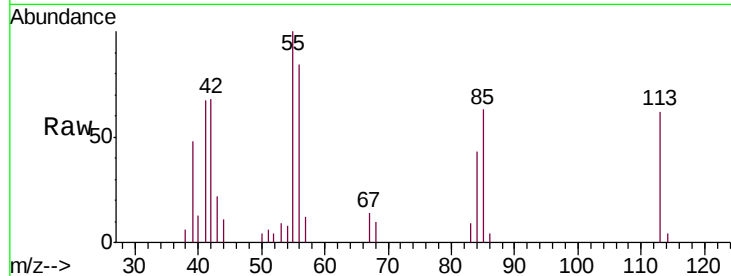




#35  
 Caprolactam  
 Concen: 20.059 ng  
 RT: 11.36 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

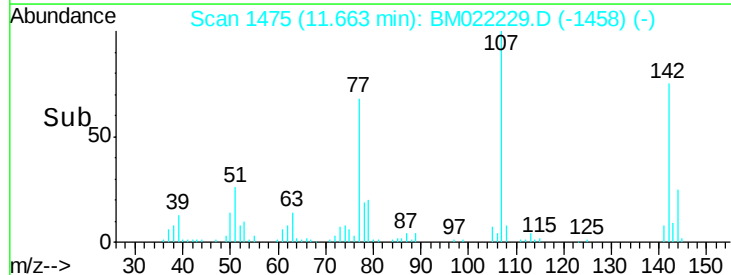
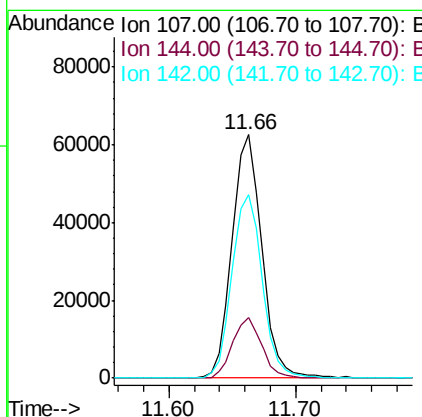
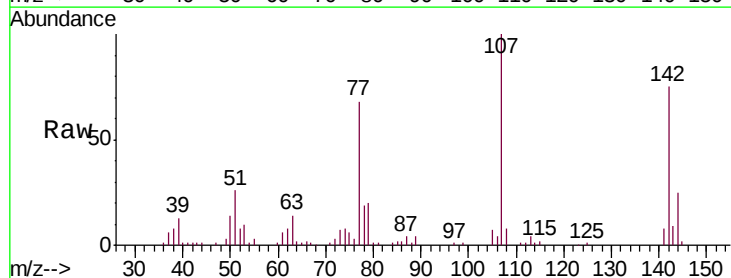
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

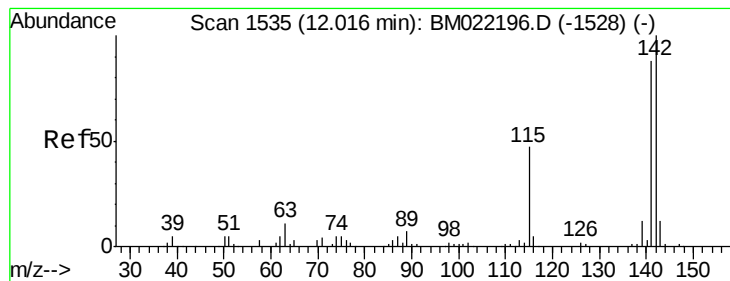
Tgt Ion:113 Resp: 12025  
 Ion Ratio Lower Upper  
 113 100  
 55 161.6 129.8 169.8  
 56 135.1 94.3 134.3#



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.172 ng  
 RT: 11.66 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:107 Resp: 101769  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 21.3 31.9  
 142 75.5 64.9 97.3





#37

2-Methylnaphthalene

Concen: 42.484 ng

RT: 12.01 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

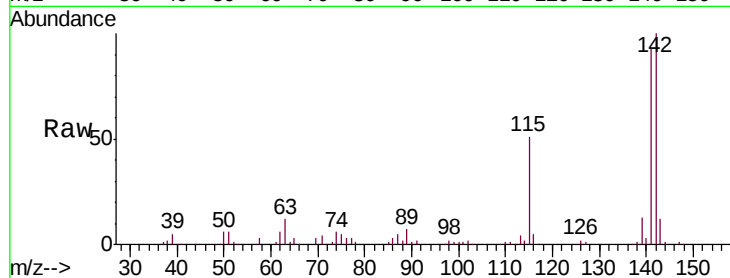
Tgt Ion:142 Resp: 221768

Ion Ratio Lower Upper

142 100

141 93.2 72.2 108.2

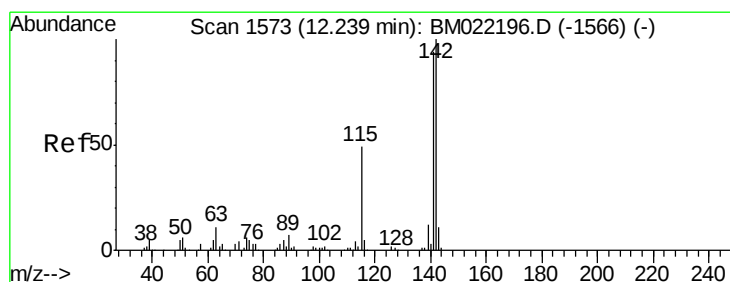
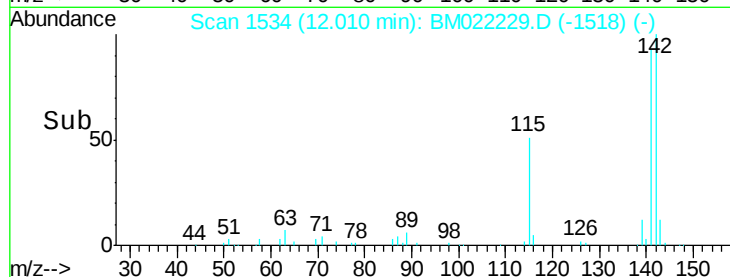
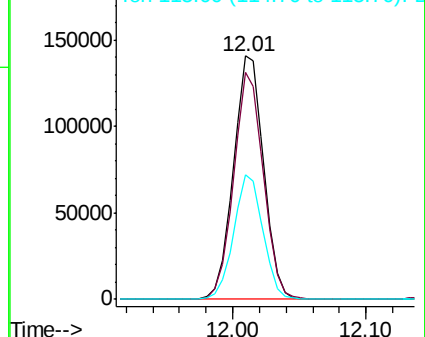
115 51.3 27.9 41.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.198 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

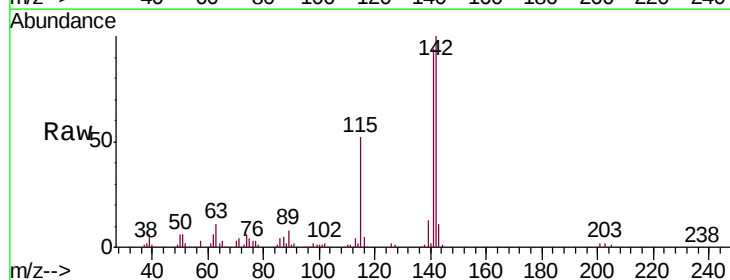
Tgt Ion:142 Resp: 210402

Ion Ratio Lower Upper

142 100

141 94.1 73.9 110.9

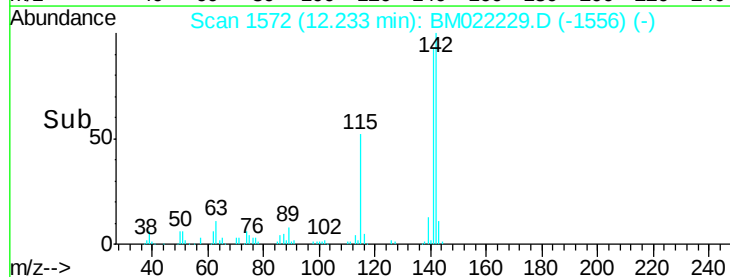
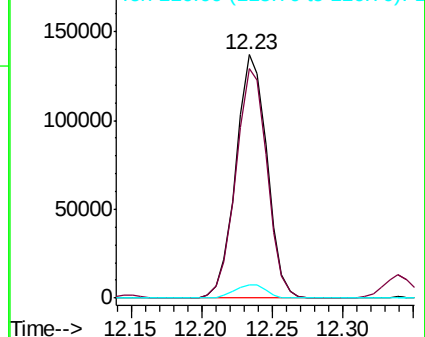
116 5.3 3.0 4.6#

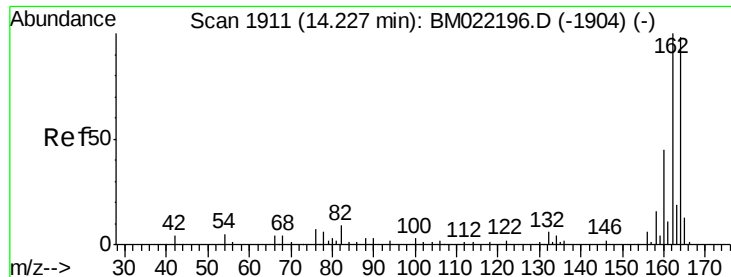


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

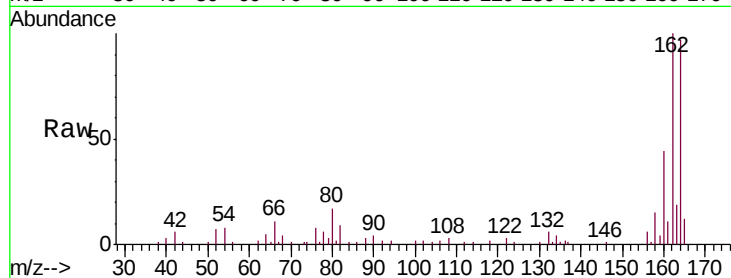
Tgt Ion:164 Resp: 83912

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

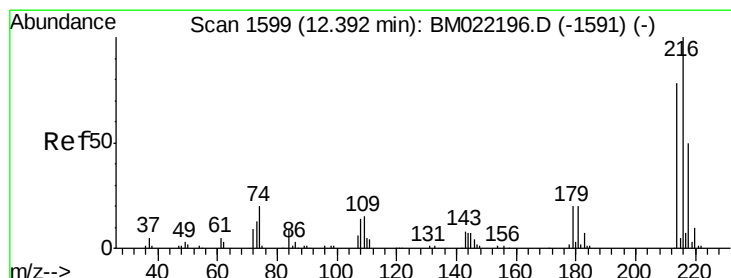
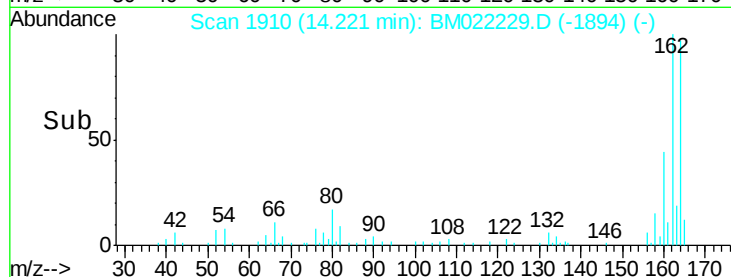
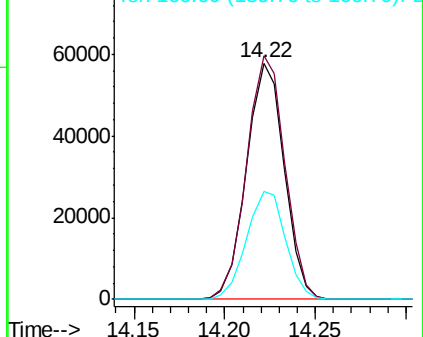
160 45.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.556 ng

RT: 12.39 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:216 Resp: 152917

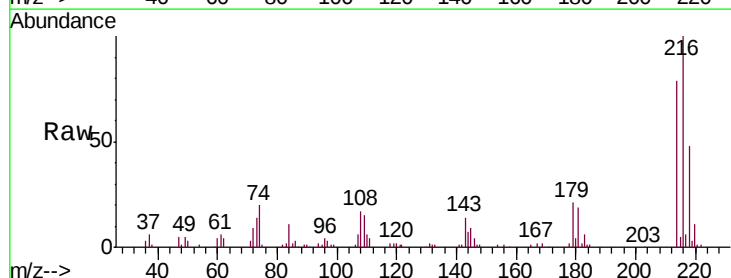
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.7 16.4 24.6

108 17.2 12.5 18.7

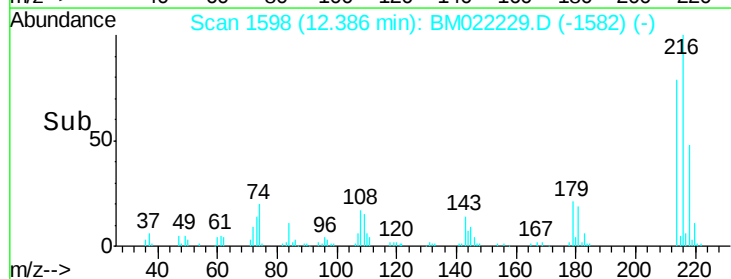
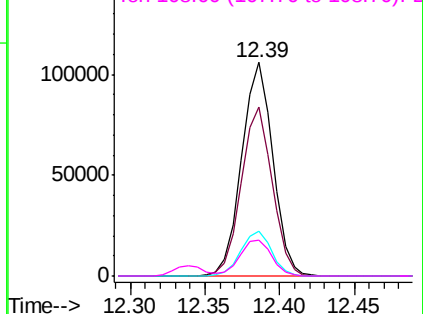


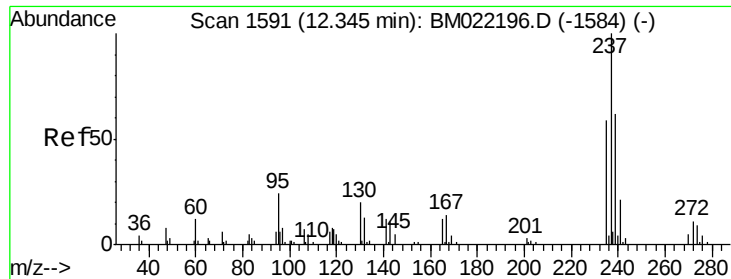
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 81.938 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

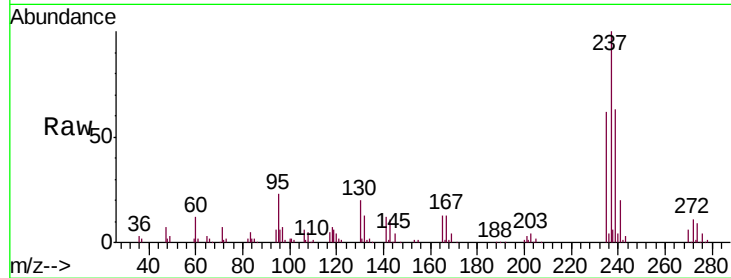
Tgt Ion: 237 Resp: 158233

Ion Ratio Lower Upper

237 100

235 62.5 41.7 81.7

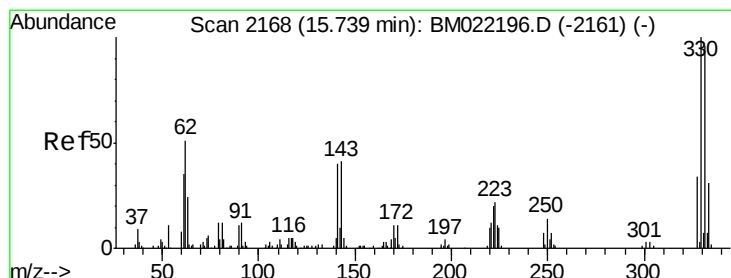
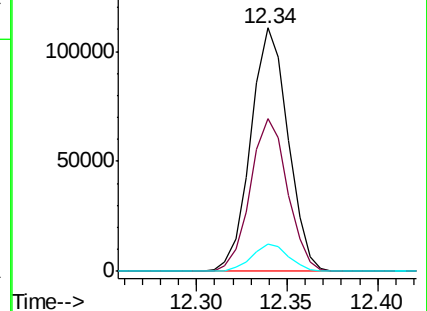
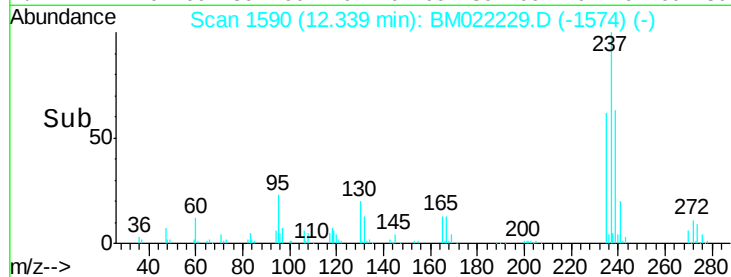
272 11.2 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.822 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

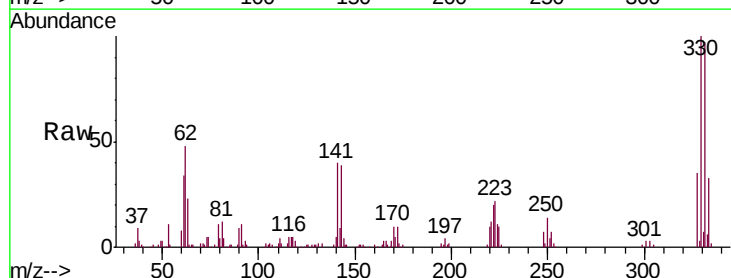
Tgt Ion: 330 Resp: 141010

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

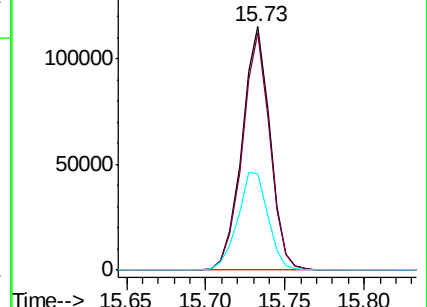
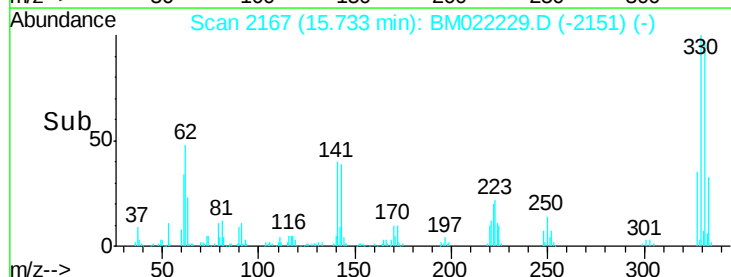
141 43.5 21.8 32.8#

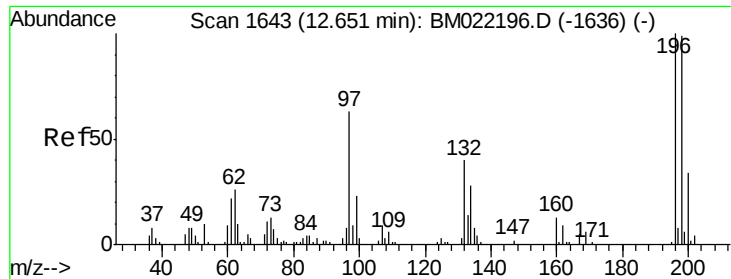


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

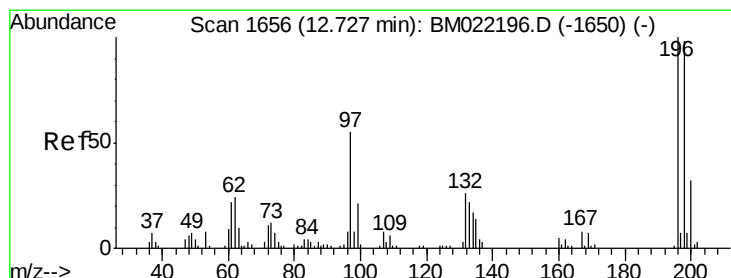
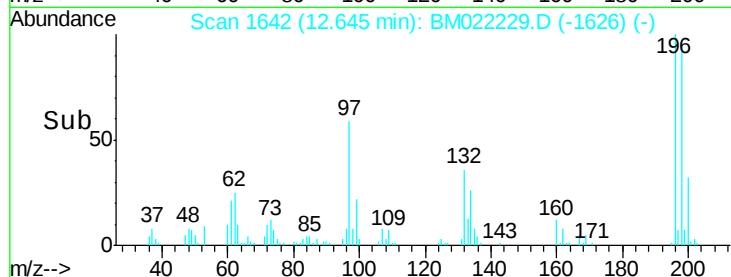
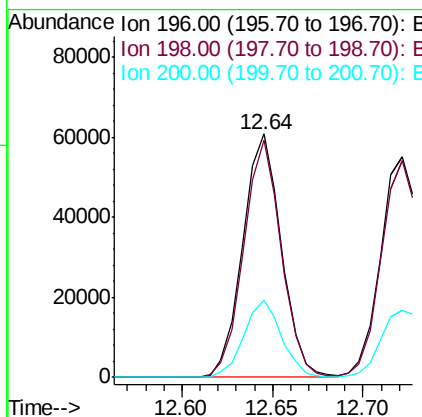
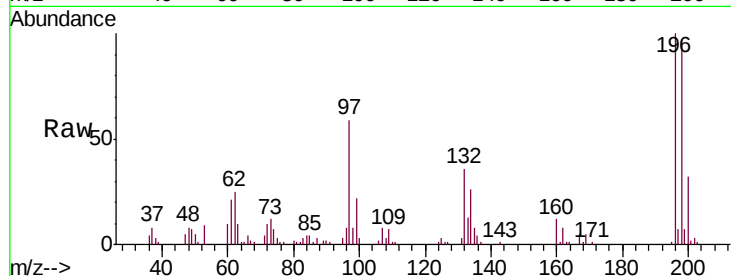




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.618 ng  
 RT: 12.64 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

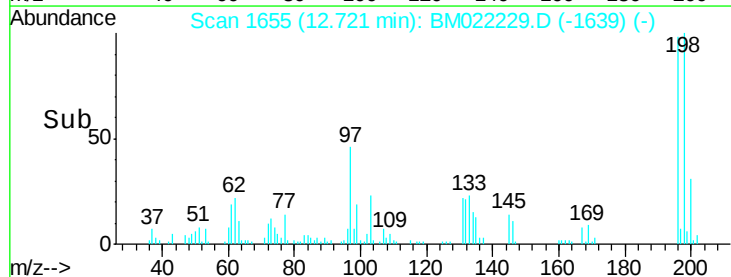
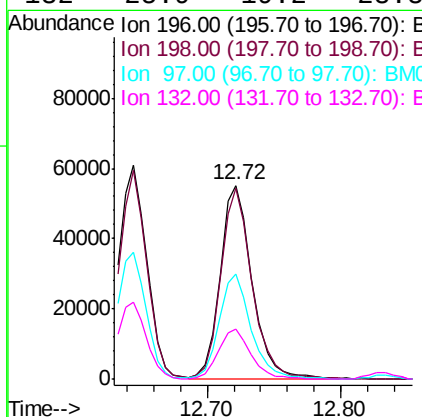
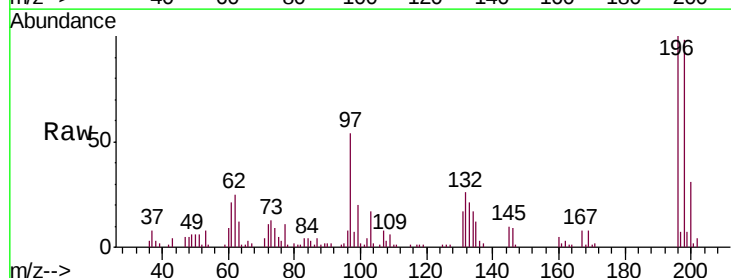
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

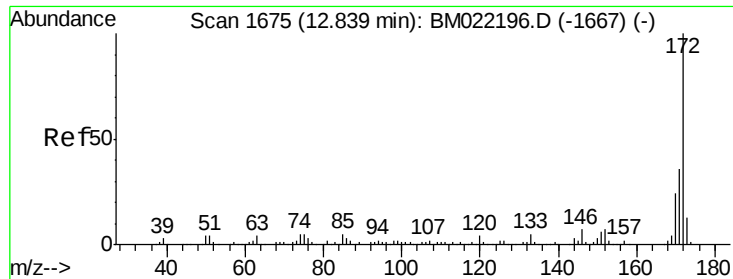
Tgt Ion:196 Resp: 89820  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 76.7 115.1  
 200 31.7 24.2 36.4



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.402 ng  
 RT: 12.72 min Scan# 1655  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:196 Resp: 92740  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 78.2 117.4  
 97 54.4 34.1 51.1#  
 132 25.9 19.2 28.8

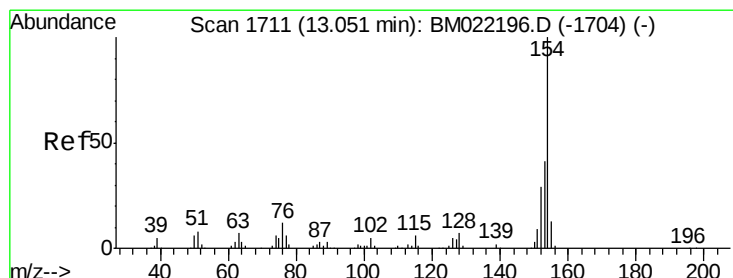
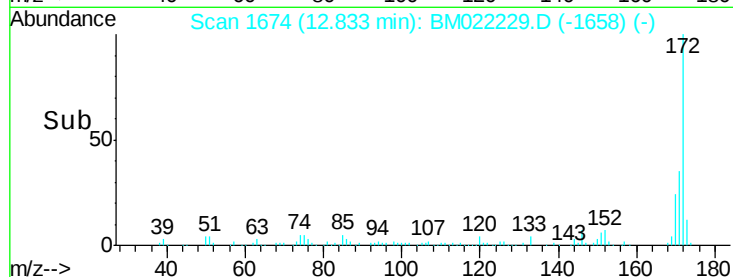
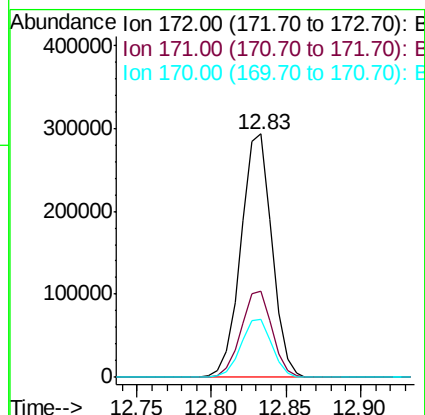
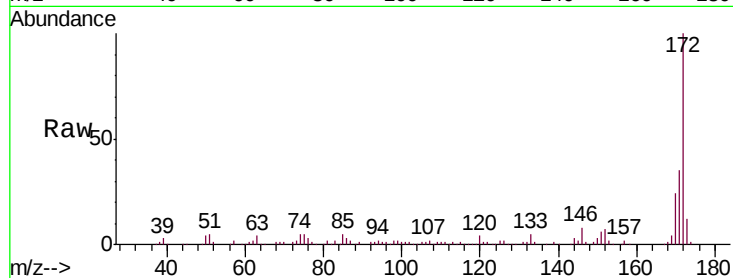




#45  
 2-Fluorobiphenyl  
 Concen: 62.587 ng  
 RT: 12.83 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

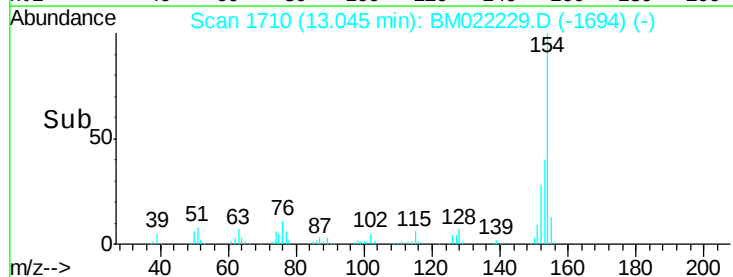
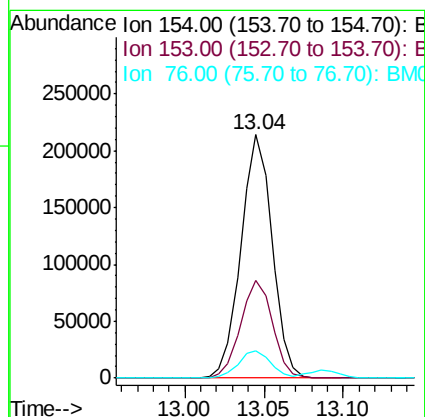
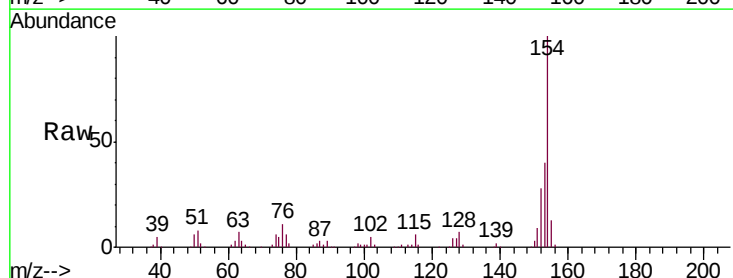
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

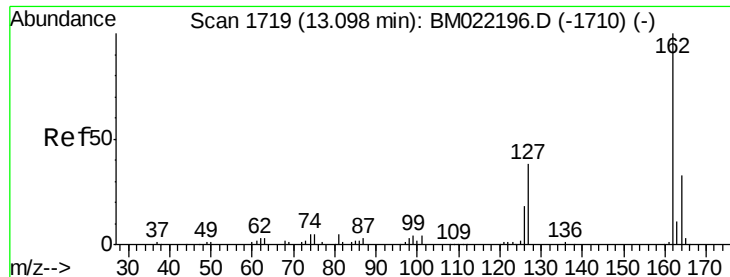
Tgt Ion:172 Resp: 420484  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.6 43.0  
 170 24.0 18.7 28.1



#46  
 1,1'-Biphenyl  
 Concen: 44.294 ng  
 RT: 13.04 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:154 Resp: 292304  
 Ion Ratio Lower Upper  
 154 100  
 153 39.9 21.3 61.3  
 76 11.2 0.0 30.9

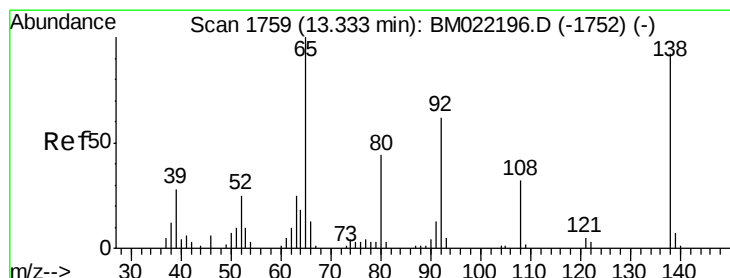
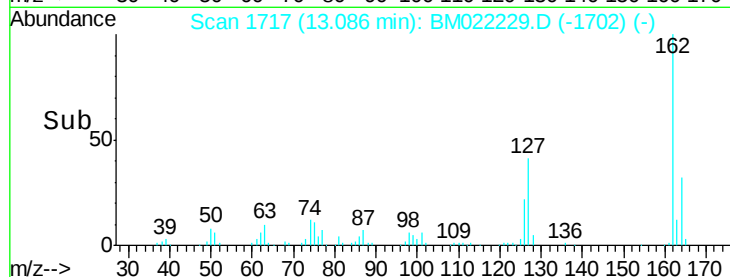
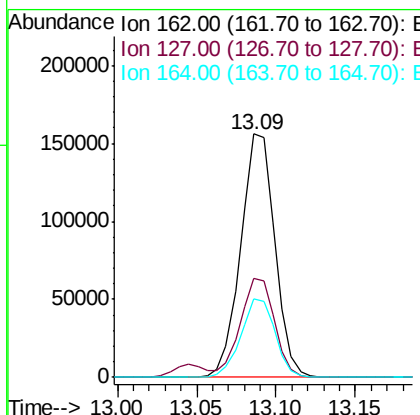
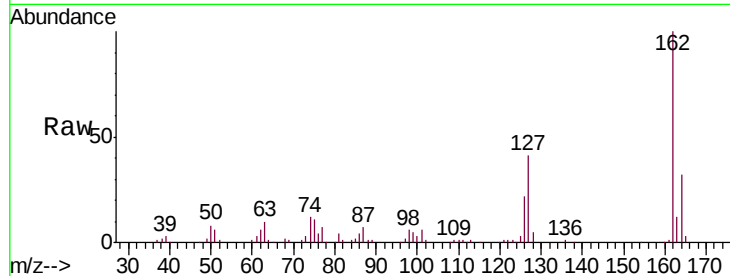




#47  
 2-Chloronaphthalene  
 Concen: 42.986 ng  
 RT: 13.09 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

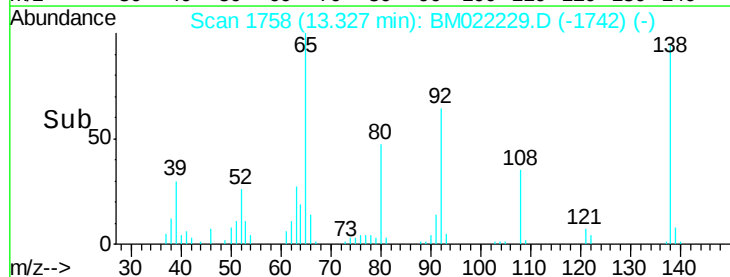
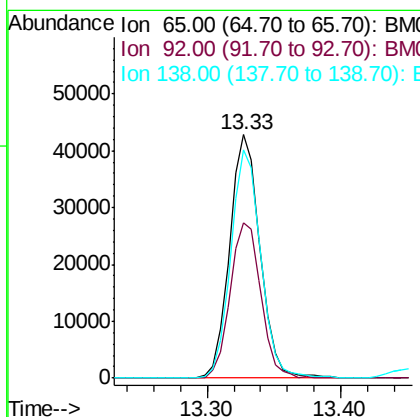
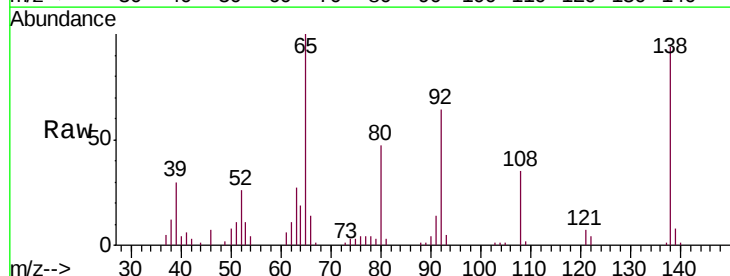
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

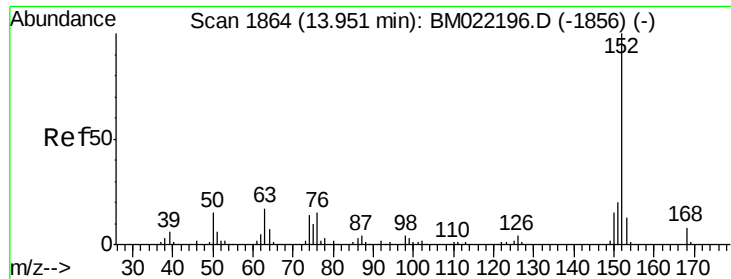
Tgt Ion: 162 Resp: 233459  
 Ion Ratio Lower Upper  
 162 100  
 127 40.7 29.4 44.2  
 164 32.1 26.5 39.7



#48  
 2-Nitroaniline  
 Concen: 39.657 ng  
 RT: 13.33 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion: 65 Resp: 68078  
 Ion Ratio Lower Upper  
 65 100  
 92 63.9 56.3 84.5  
 138 93.7 92.6 139.0





#49

Acenaphthylene

Concen: 43.337 ng

RT: 13.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

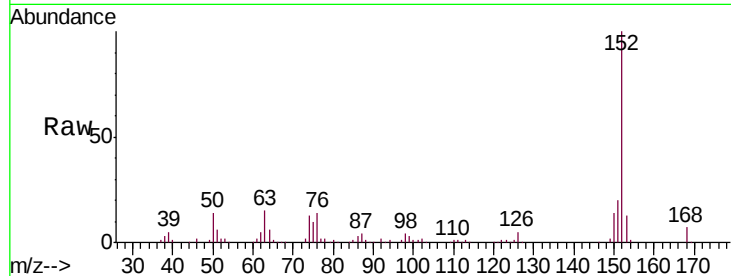
Tgt Ion:152 Resp: 361015

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

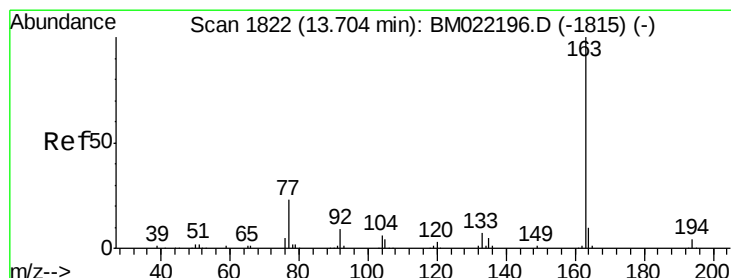
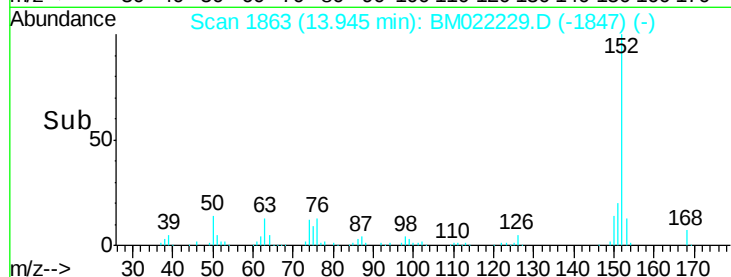
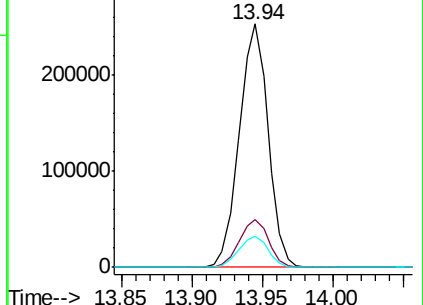
153 12.9 10.6 16.0



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



#50

Dimethylphthalate

Concen: 48.871 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

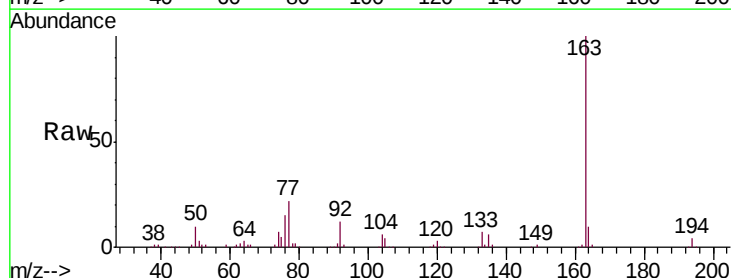
Tgt Ion:163 Resp: 344777

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

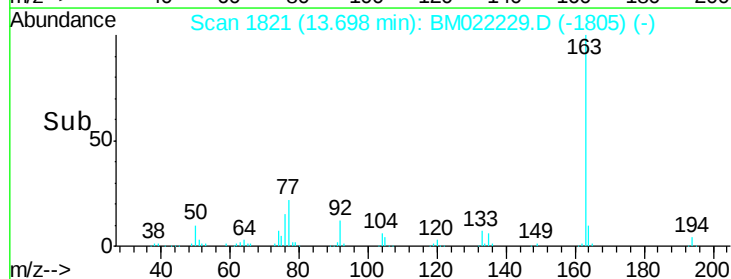
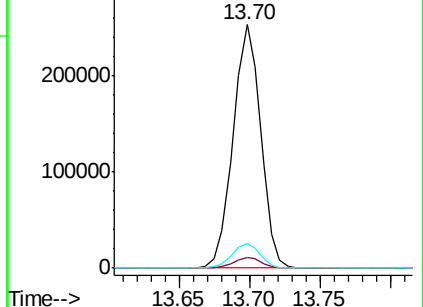
164 10.3 8.2 12.2

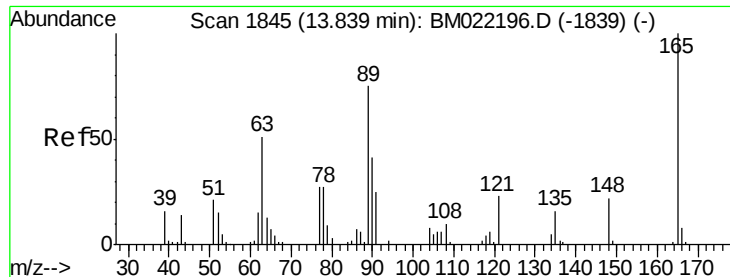


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

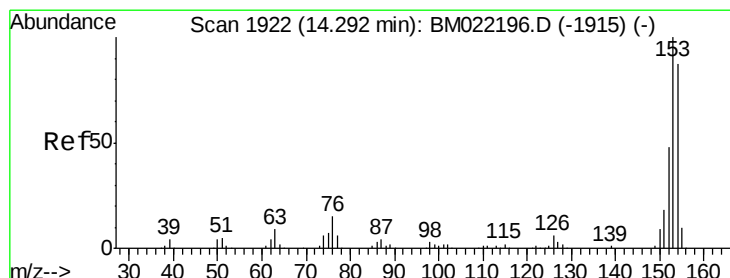
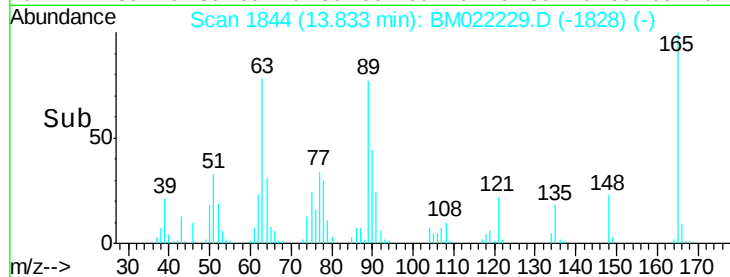
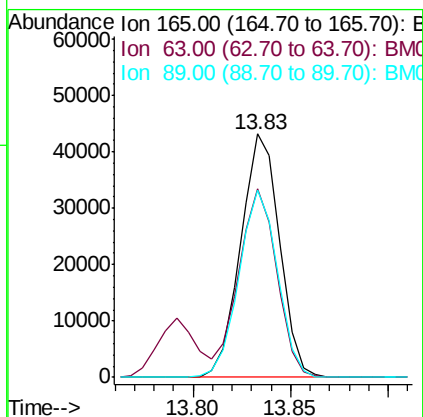
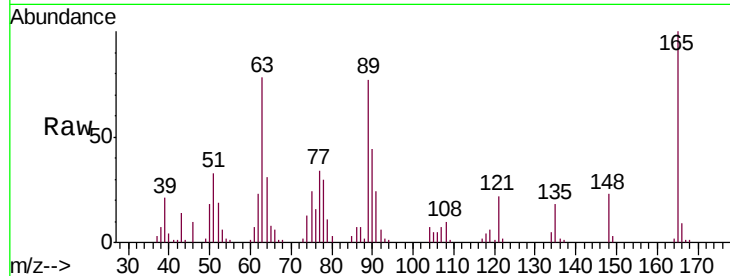




#51  
 2,6-Dinitrotoluene  
 Concen: 42.770 ng  
 RT: 13.83 min Scan# 1844  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

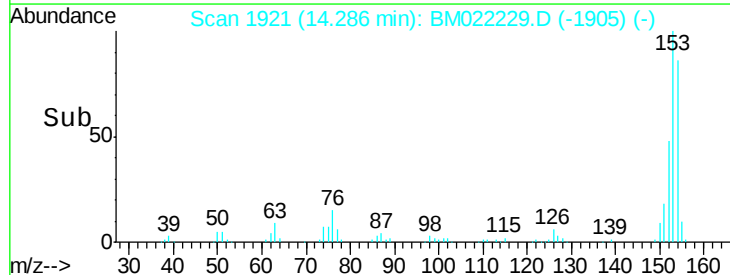
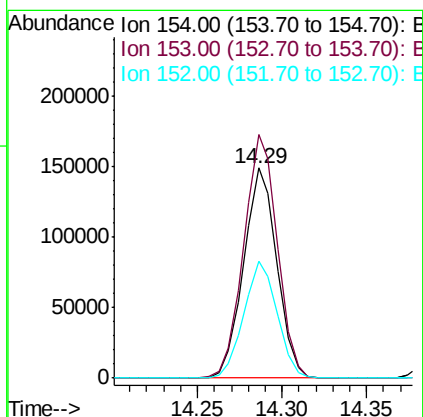
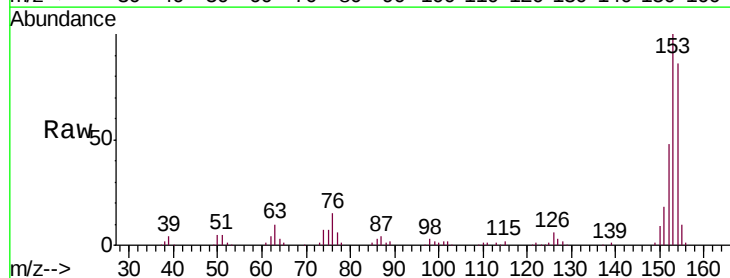
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

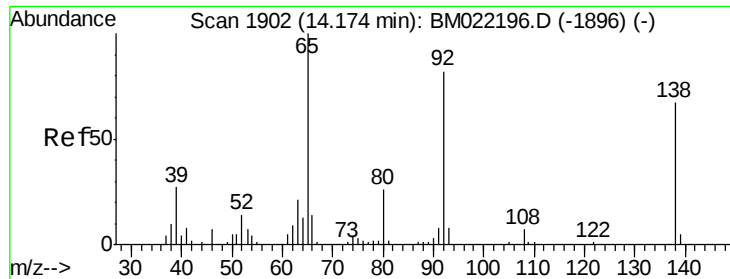
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 77.6  | 37.8  | 56.6# |
| 89      | 76.9  | 39.7  | 59.5# |



#52  
 Acenaphthene  
 Concen: 42.097 ng  
 RT: 14.29 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.8 | 91.5  | 137.3 |
| 152     | 55.4  | 42.3  | 63.5  |

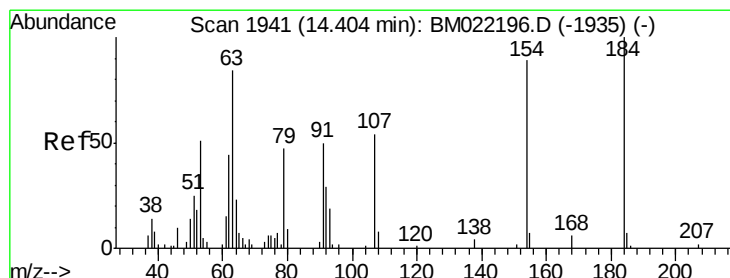
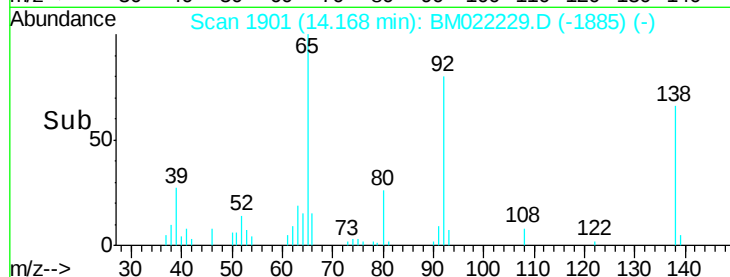
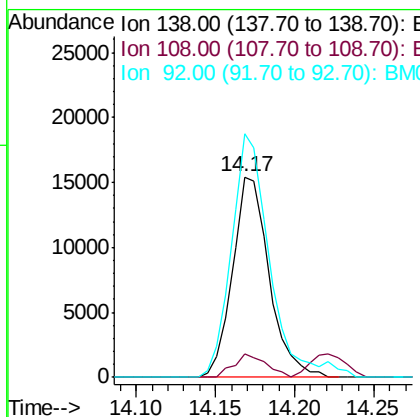
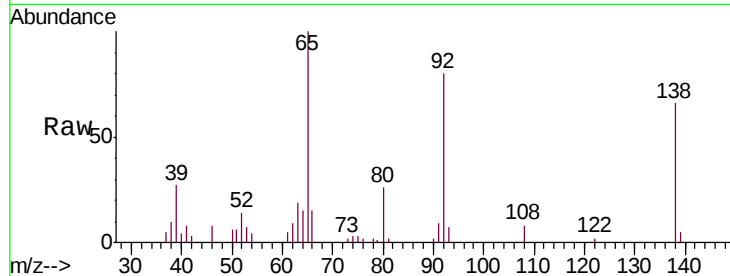




#53  
3-Nitroaniline  
Concen: 17.853 ng  
RT: 14.17 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

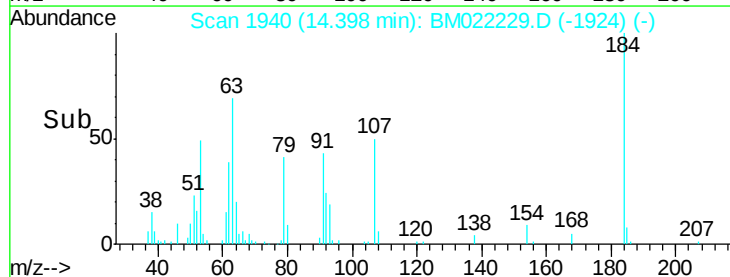
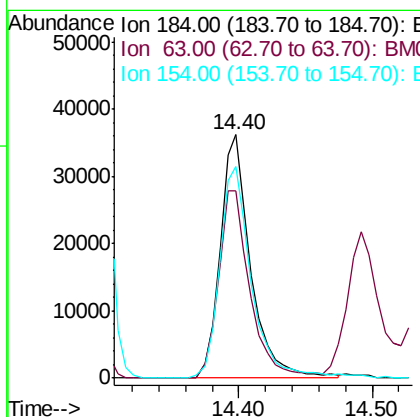
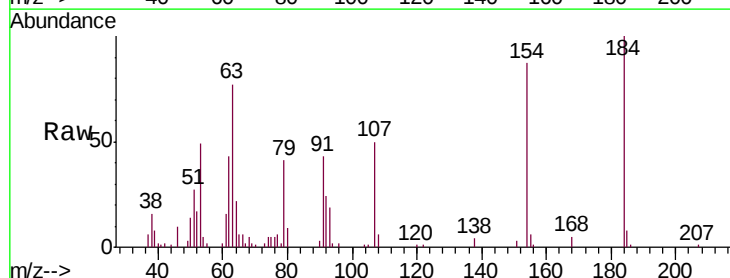
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

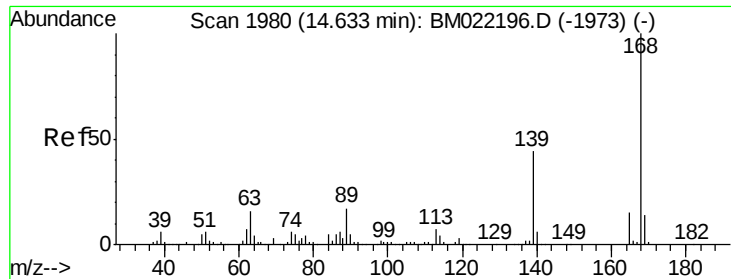
Tgt Ion:138 Resp: 24770  
Ion Ratio Lower Upper  
138 100  
108 11.6 9.0 13.4  
92 121.4 92.2 138.2



#54  
2,4-Dinitrophenol  
Concen: 73.201 ng  
RT: 14.40 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

Tgt Ion:184 Resp: 57726  
Ion Ratio Lower Upper  
184 100  
63 77.0 45.5 68.3#  
154 87.0 50.6 76.0#

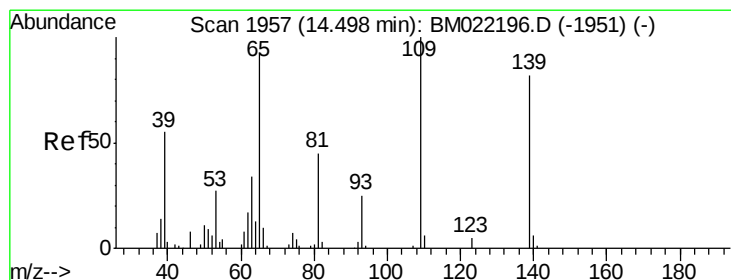
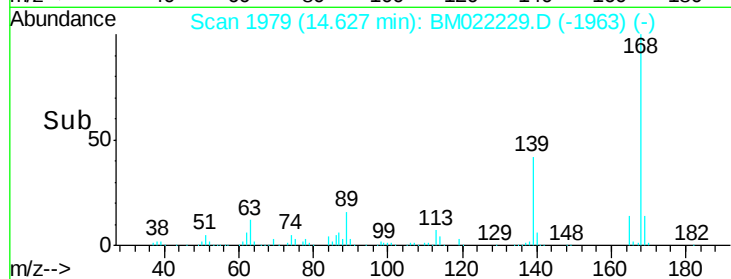
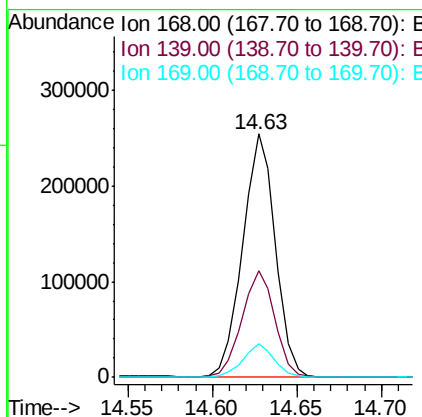
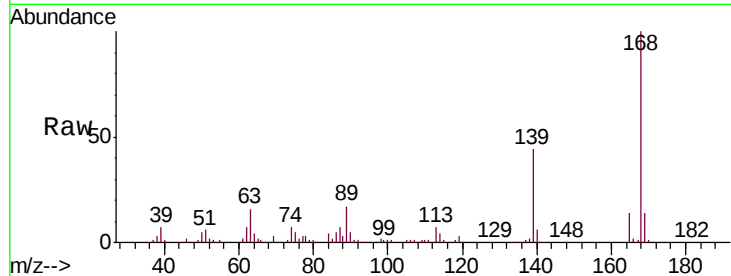




#55  
Dibenzofuran  
Concen: 42.365 ng  
RT: 14.63 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

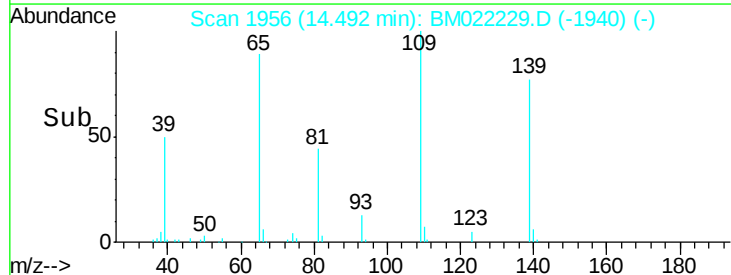
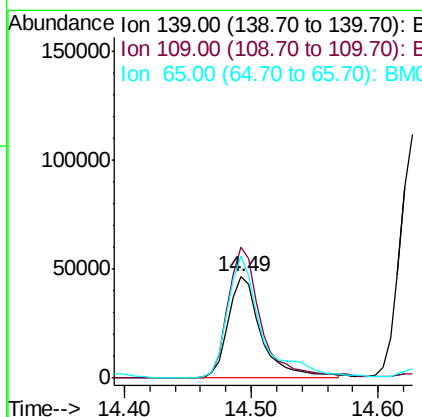
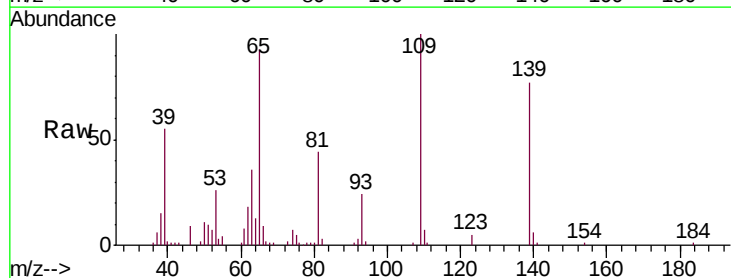
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

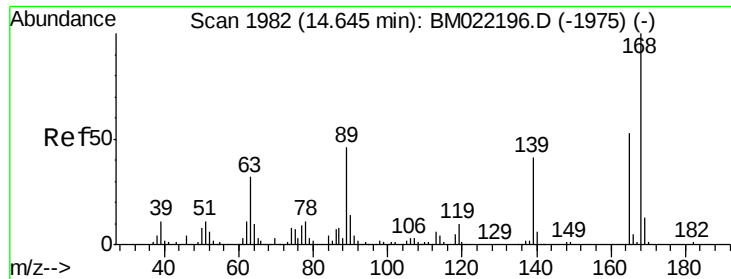
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 44.0  | 28.4  | 42.6# |
| 169     | 13.6  | 10.6  | 16.0  |



#56  
4-Nitrophenol  
Concen: 91.196 ng  
RT: 14.49 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 129.7 | 53.3  | 93.3#  |
| 65      | 120.1 | 70.3  | 110.3# |

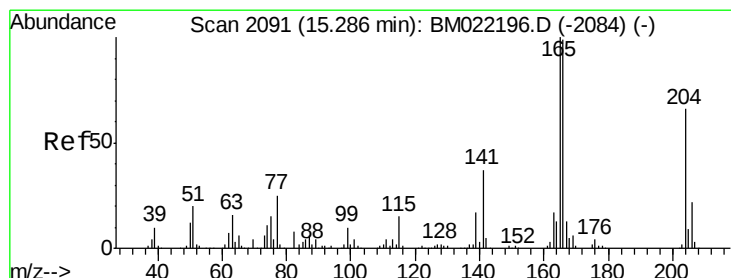
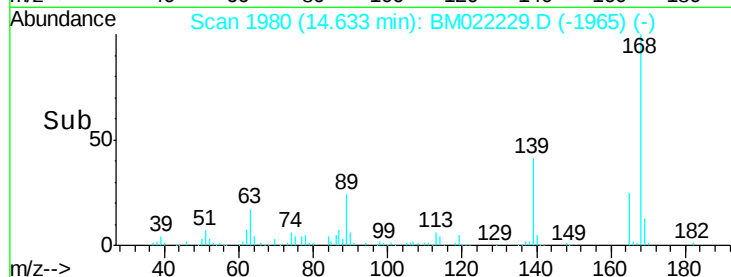
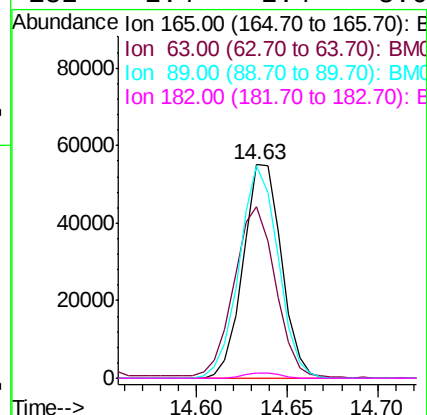
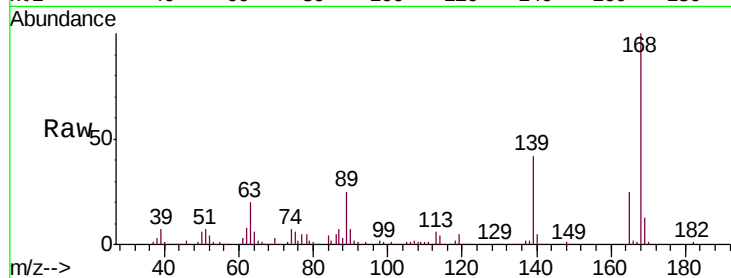




#57  
 2,4-Dinitrotoluene  
 Concen: 40.472 ng  
 RT: 14.63 min Scan# 1980  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

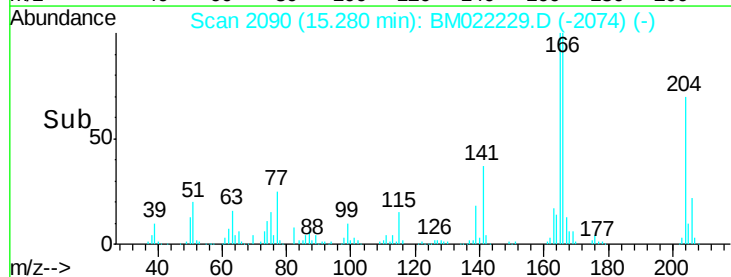
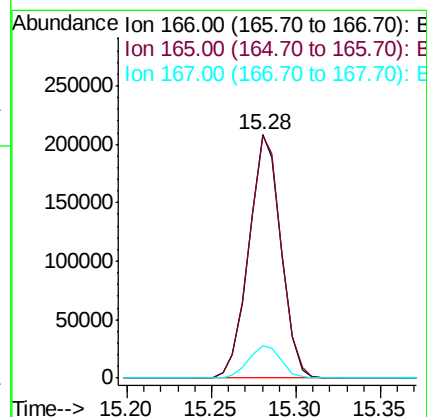
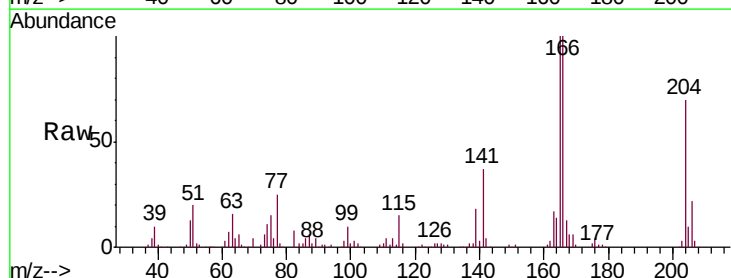
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

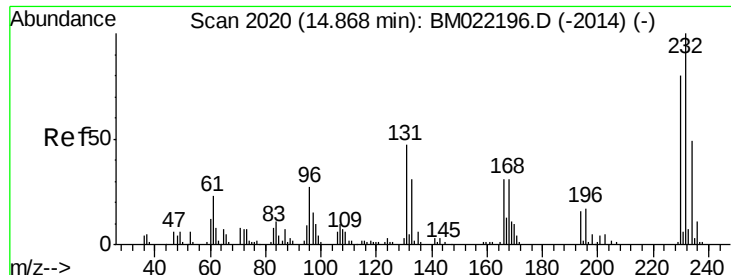
Tgt Ion:165 Resp: 80949  
 Ion Ratio Lower Upper  
 165 100  
 63 80.2 29.6 44.4#  
 89 99.4 49.5 74.3#  
 182 2.4 2.4 3.6#



#58  
 Fluorene  
 Concen: 40.372 ng  
 RT: 15.28 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:166 Resp: 274746  
 Ion Ratio Lower Upper  
 166 100  
 165 99.5 78.6 117.8  
 167 13.3 10.9 16.3

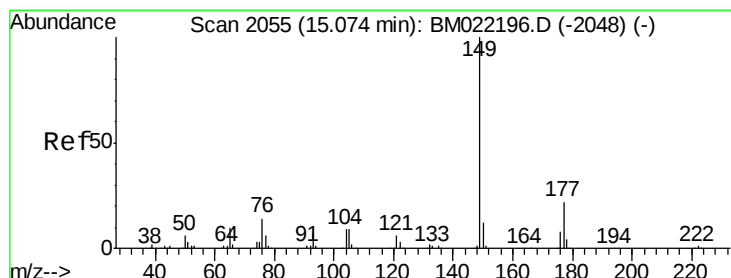
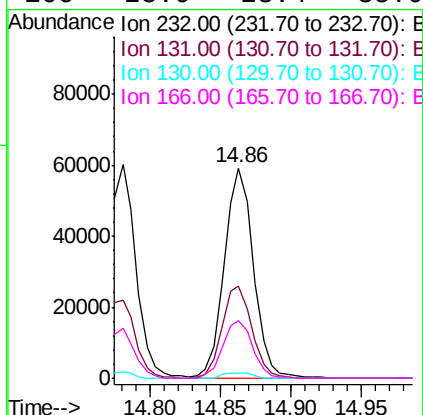
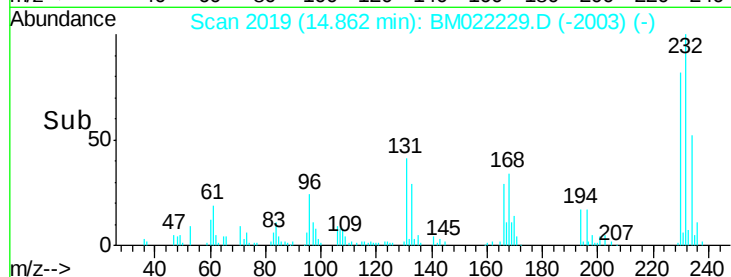
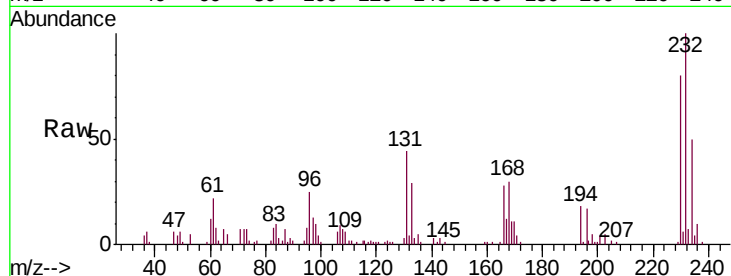




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.820 ng  
 RT: 14.86 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

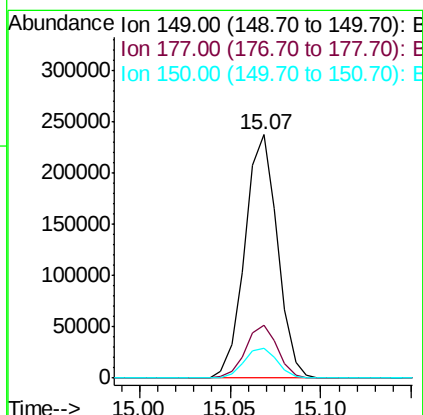
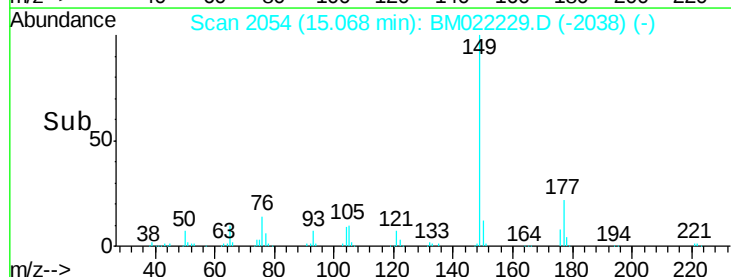
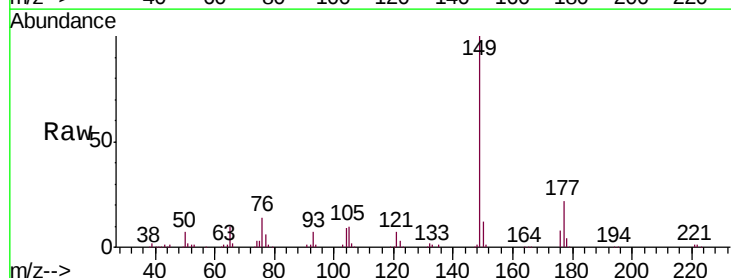
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

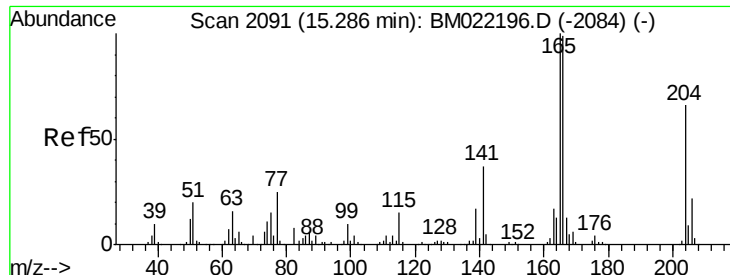
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 85325 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 44.6  | 30.6  | 46.0  |
| 130      | 2.6   | 1.7   | 2.5#  |
| 166      | 28.0  | 23.4  | 35.0  |



#60  
 Diethylphthalate  
 Concen: 39.895 ng  
 RT: 15.07 min Scan# 2054  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 296795 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.8  | 19.1  | 28.7   |
| 150      | 12.4  | 10.1  | 15.1   |

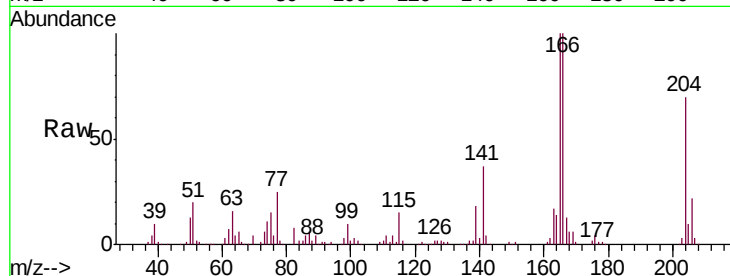




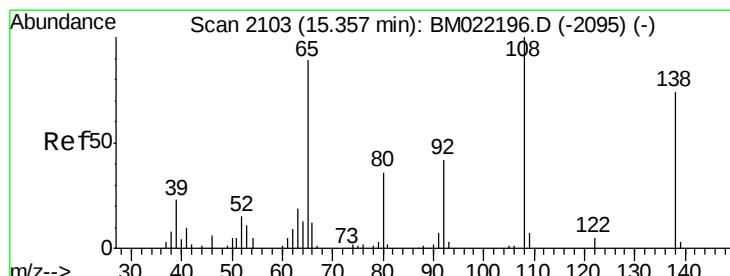
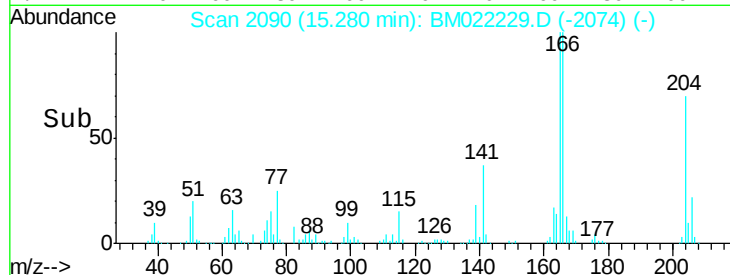
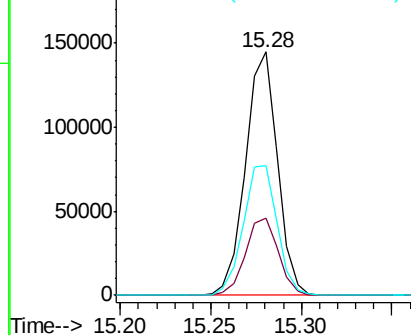
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.309 ng  
 RT: 15.28 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 177173 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 31.9  | 26.1  | 39.1   |
| 141      | 53.4  | 40.7  | 61.1   |

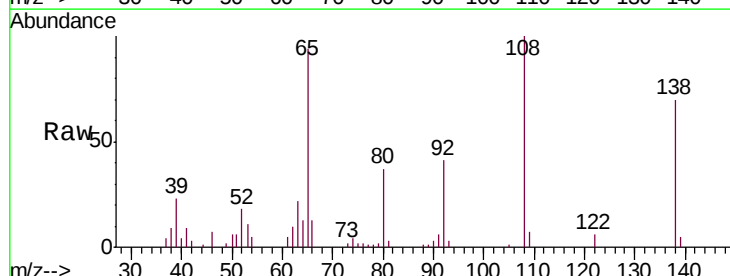


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

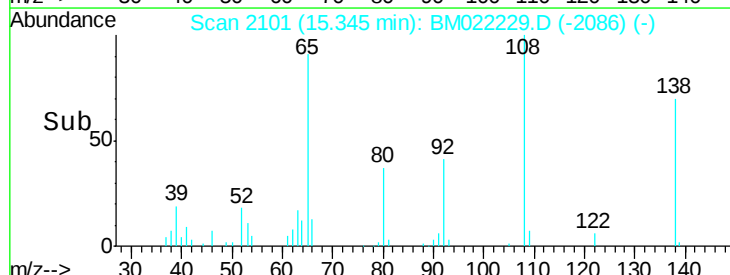
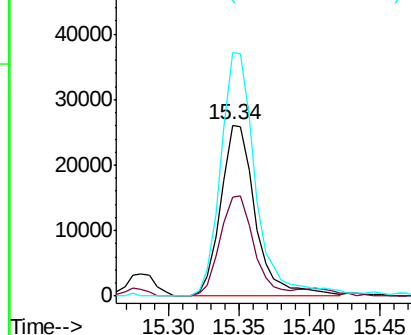


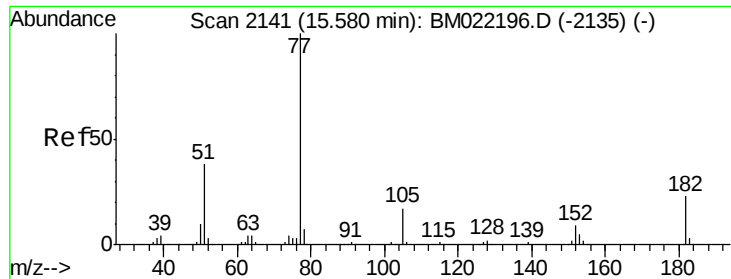
#62  
 4-Nitroaniline  
 Concen: 34.907 ng  
 RT: 15.34 min Scan# 2101  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 44826 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 58.1  | 29.1  | 69.1  |
| 108      | 142.4 | 59.2  | 99.2# |



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

Azobenzene

Concen: 41.618 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

Tgt Ion: 77 Resp: 298354

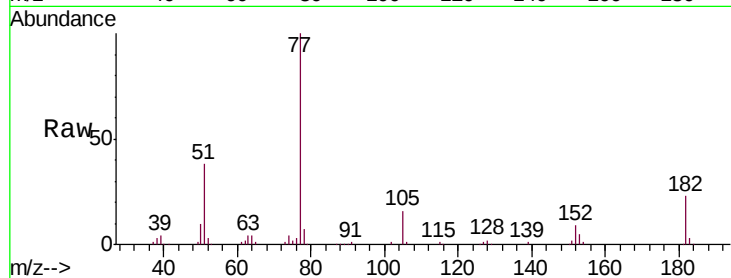
Ion Ratio Lower Upper

77 100

182 23.2 12.6 52.6

105 16.3 1.1 41.1

51 38.0 6.9 46.9

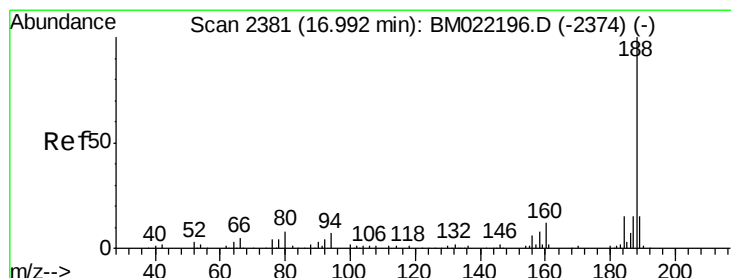
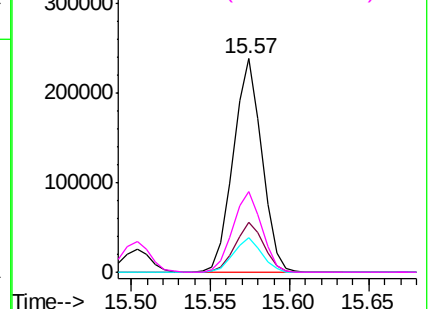
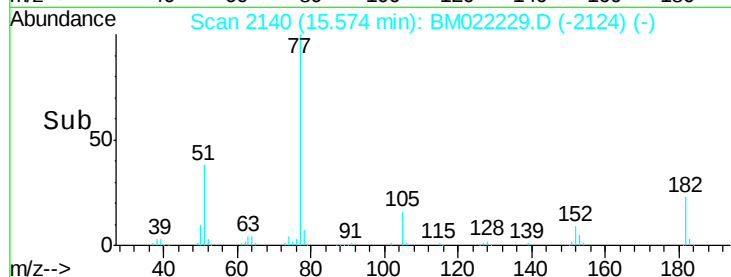


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

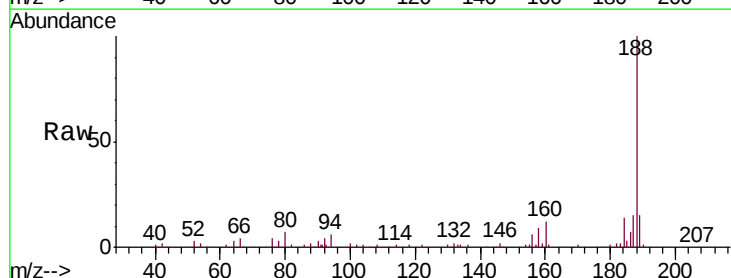
Tgt Ion: 188 Resp: 153003

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

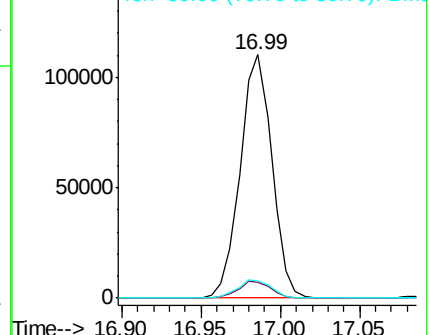
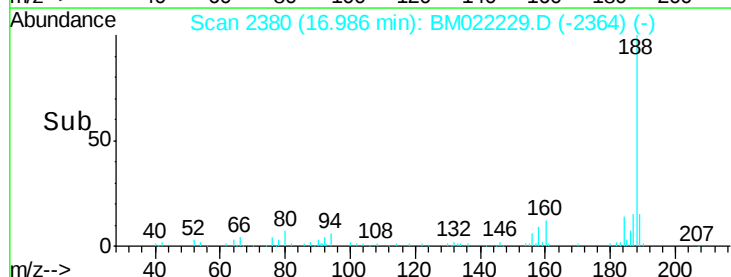
80 7.1 6.9 10.3

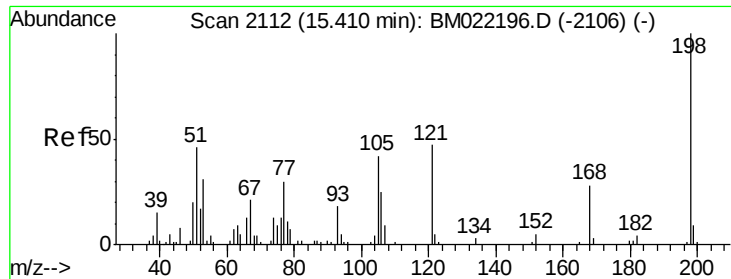


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

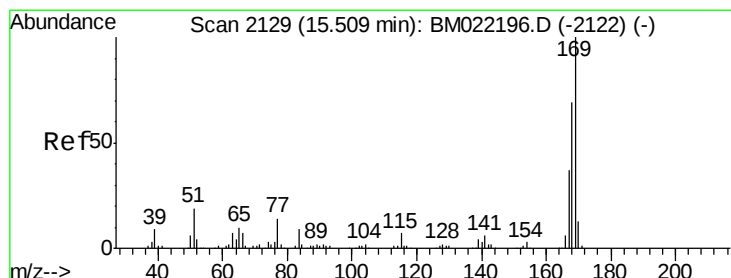
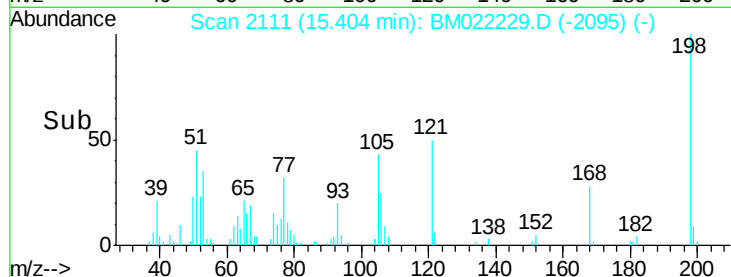
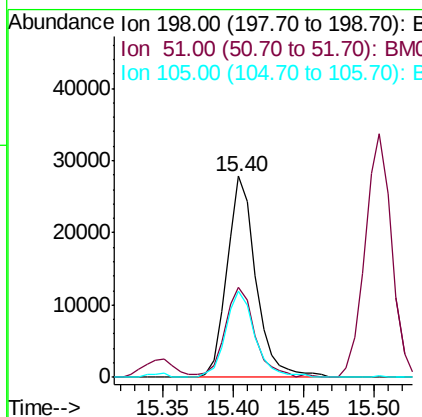
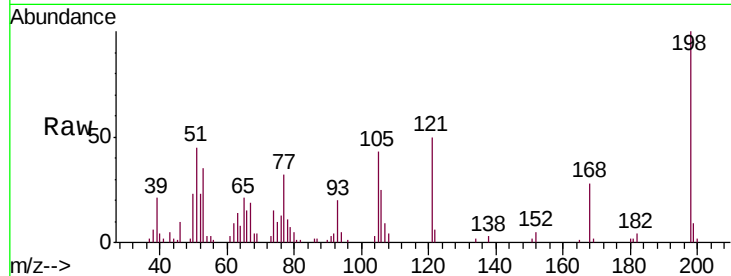




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.342 ng  
 RT: 15.40 min Scan# 2111  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

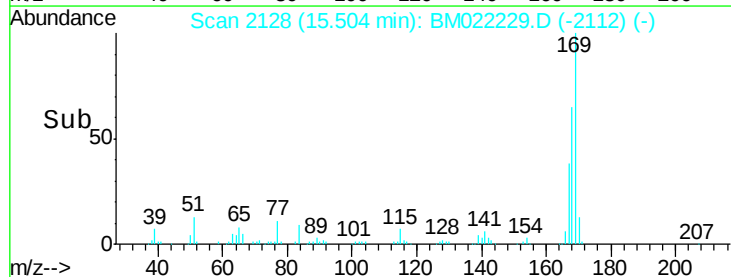
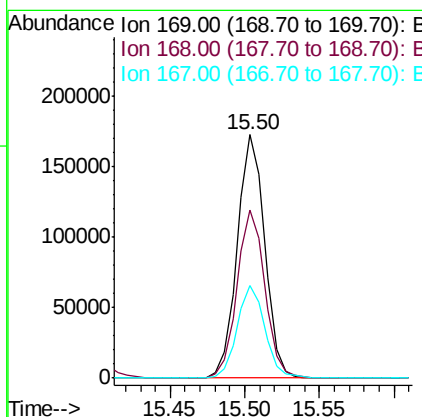
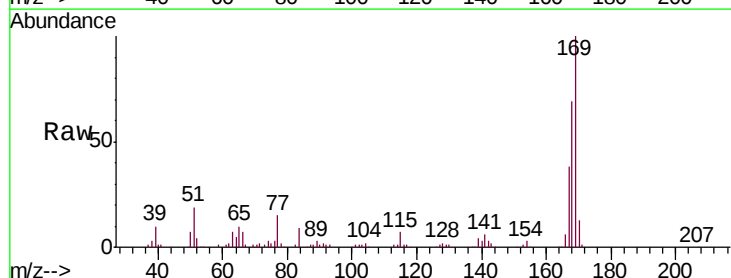
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

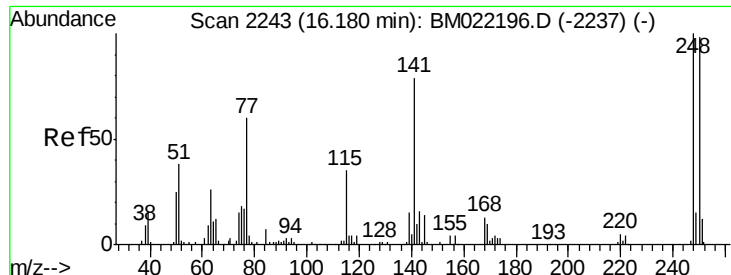
Tgt Ion:198 Resp: 39822  
 Ion Ratio Lower Upper  
 198 100  
 51 44.5 15.3 55.3  
 105 42.8 16.8 56.8



#66  
 n-Nitrosodiphenylamine  
 Concen: 45.144 ng  
 RT: 15.50 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:169 Resp: 221473  
 Ion Ratio Lower Upper  
 169 100  
 168 69.0 54.5 81.7  
 167 38.0 29.0 43.6

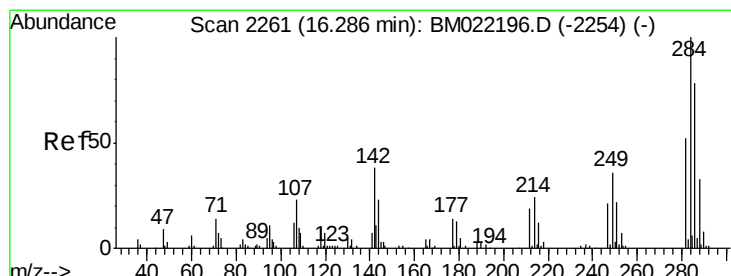
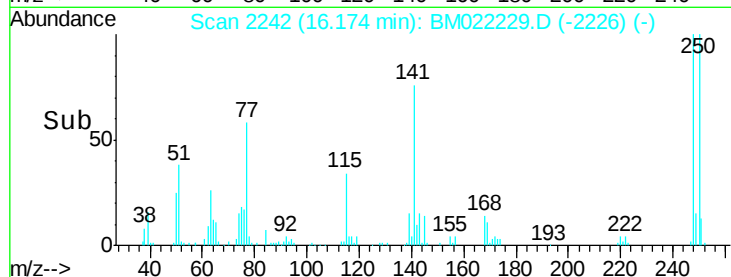
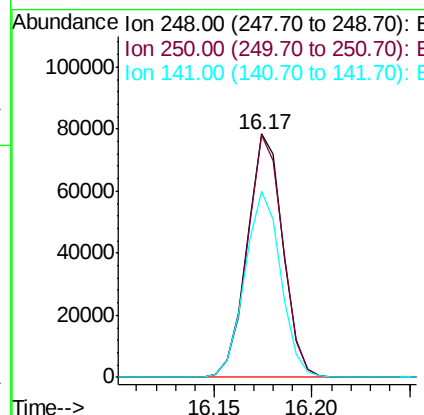
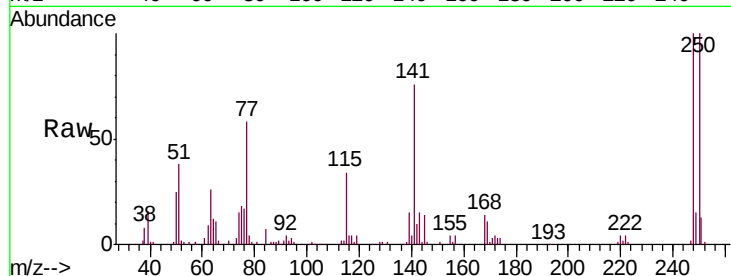




#67  
 4-Bromophenyl-phenylether  
 Concen: 43.866 ng  
 RT: 16.17 min Scan# 2242  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

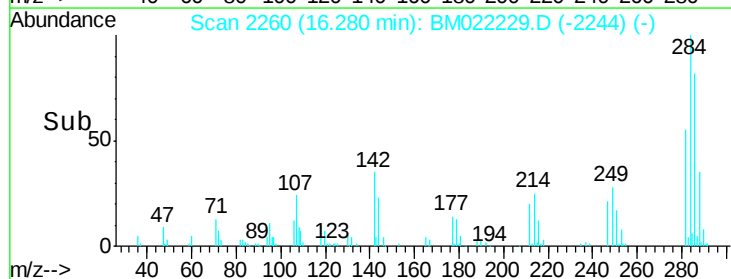
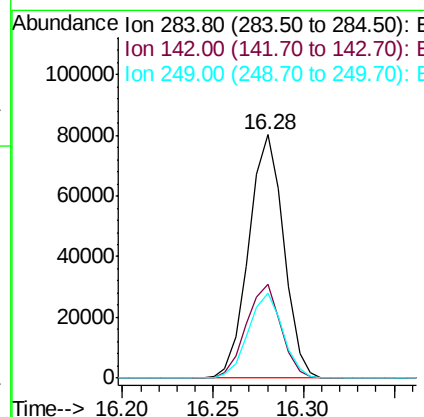
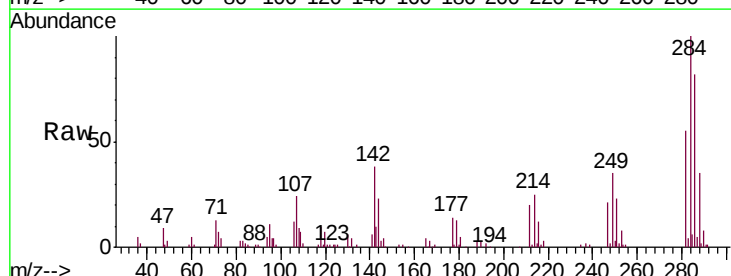
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

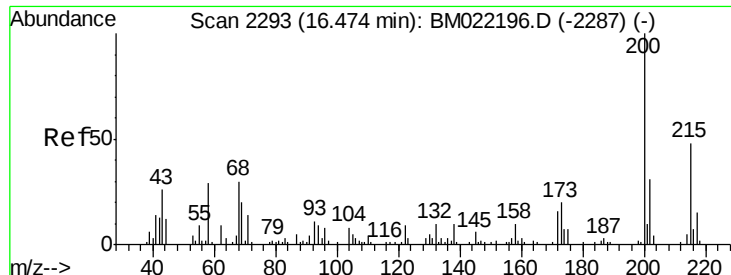
Tgt Ion:248 Resp: 99456  
 Ion Ratio Lower Upper  
 248 100  
 250 99.6 77.5 116.3  
 141 76.2 47.8 71.6#



#68  
 Hexachlorobenzene  
 Concen: 41.801 ng  
 RT: 16.28 min Scan# 2260  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:284 Resp: 107671  
 Ion Ratio Lower Upper  
 284 100  
 142 38.3 21.2 31.8#  
 249 35.0 23.4 35.0

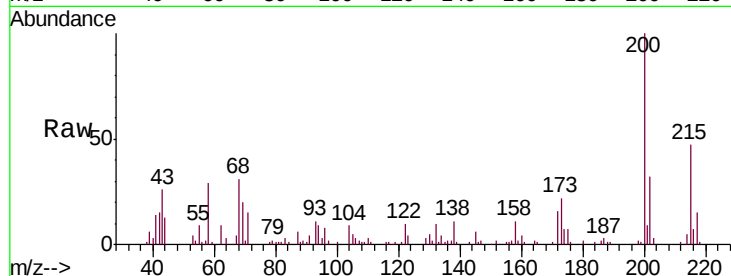




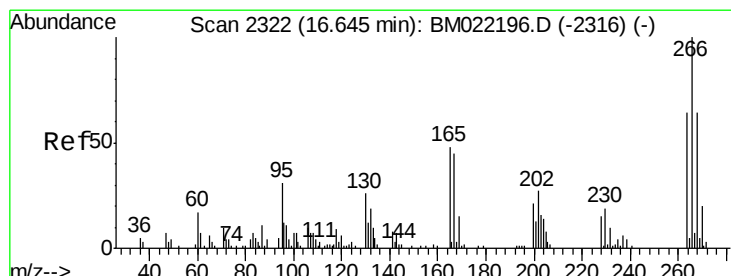
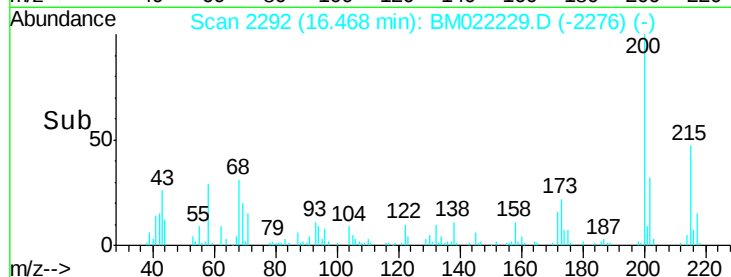
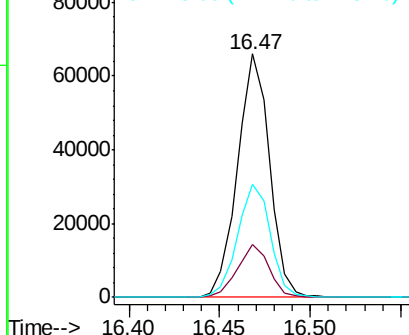
#69  
 Atrazine  
 Concen: 49.956 ng  
 RT: 16.47 min Scan# 2292  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Instrument :  
 BNA\_M  
 ClientSampled :  
 SP-1MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.0  | 4.3   | 44.3  |
| 215     | 46.5  | 28.2  | 68.2  |

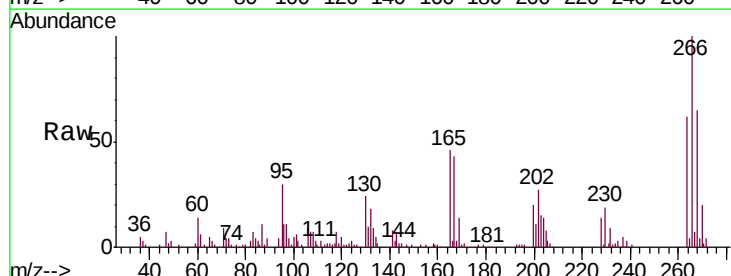


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

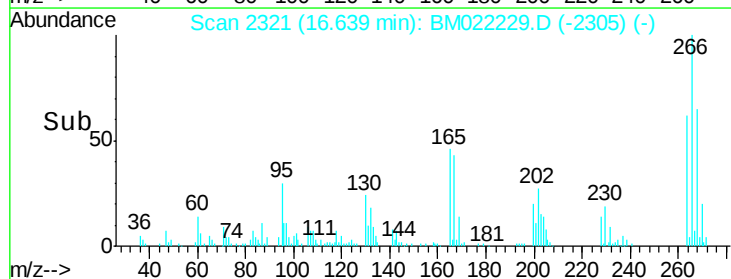
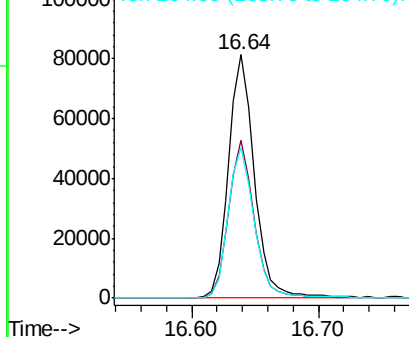


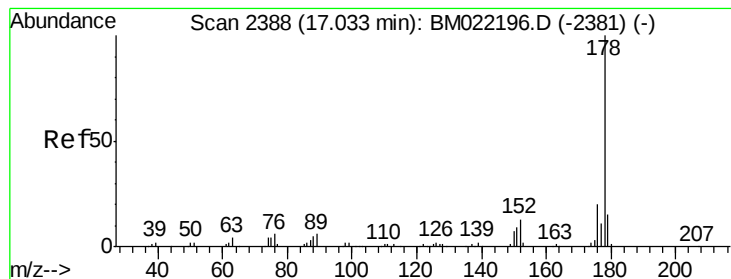
#70  
 Pentachlorophenol  
 Concen: 91.625 ng  
 RT: 16.64 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.6  | 51.0  | 76.4  |
| 264     | 61.8  | 49.9  | 74.9  |



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





#71

Phenanthrene

Concen: 41.841 ng

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

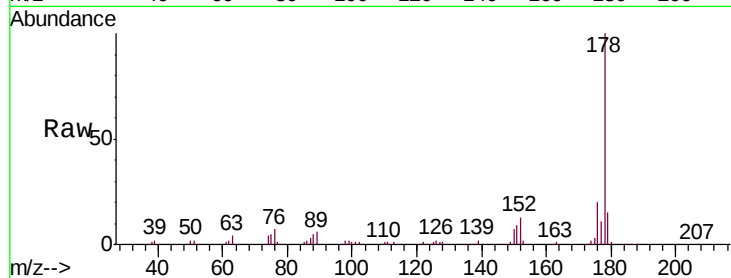
Tgt Ion:178 Resp: 371250

Ion Ratio Lower Upper

178 100

176 19.9 15.2 22.8

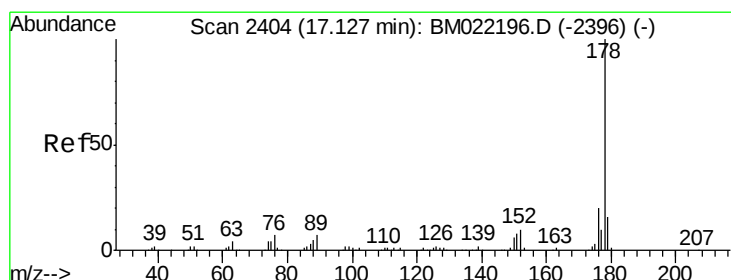
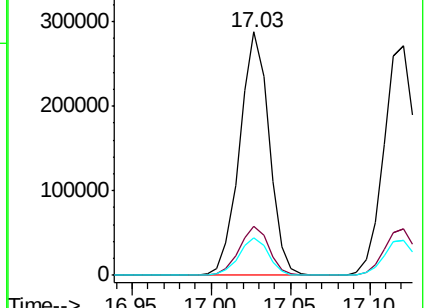
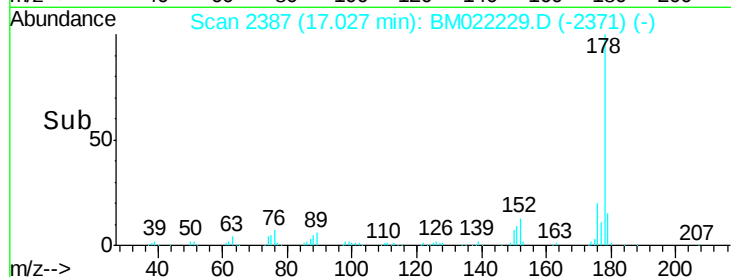
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.021 ng

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

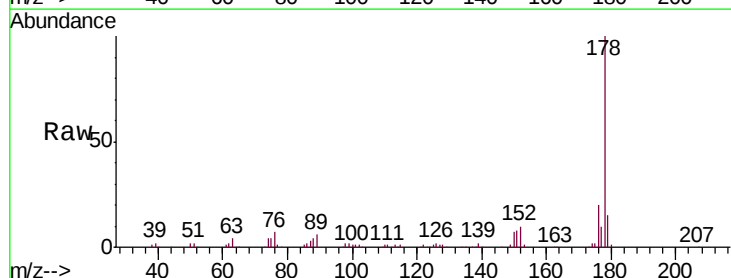
Tgt Ion:178 Resp: 378917

Ion Ratio Lower Upper

178 100

176 20.0 14.7 22.1

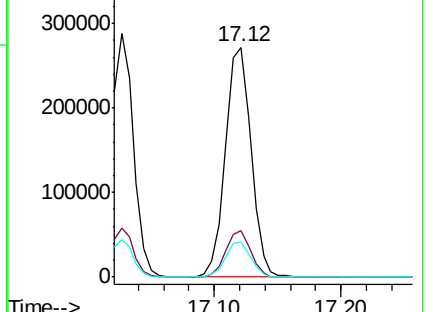
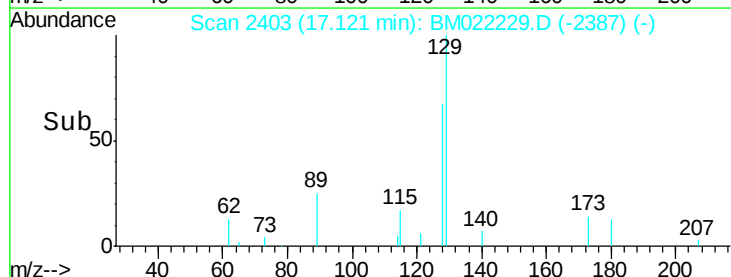
179 15.5 12.2 18.2

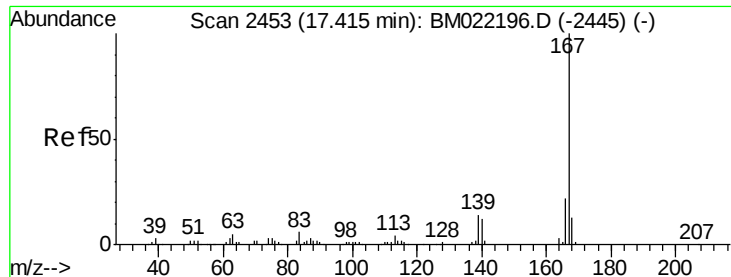


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

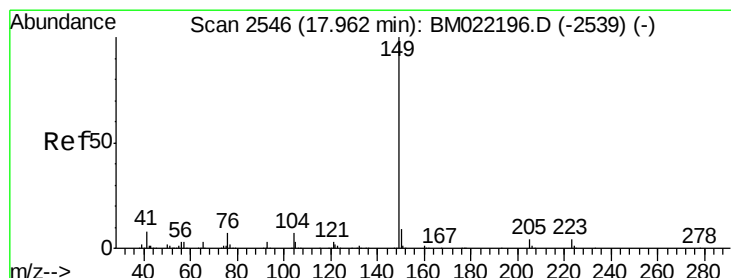
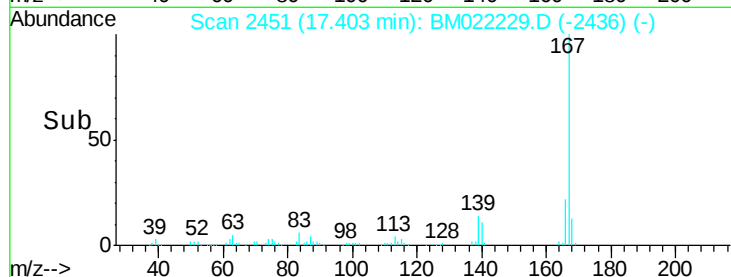
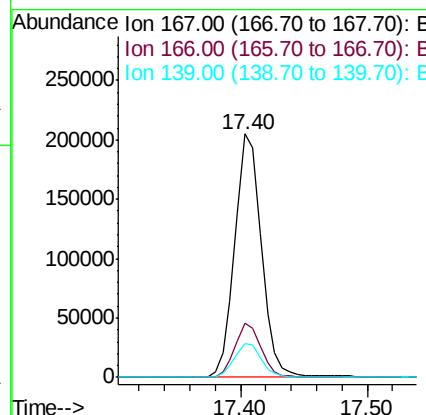
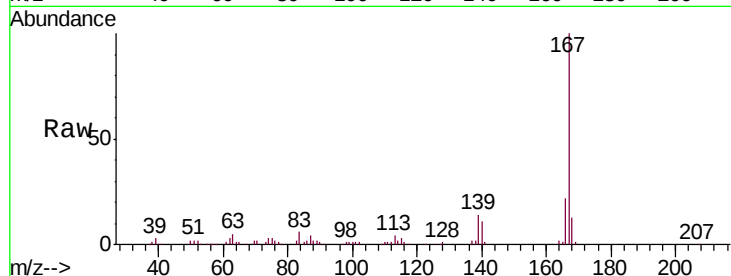




#73  
 Carbazole  
 Concen: 40.559 ng  
 RT: 17.40 min Scan# 2451  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

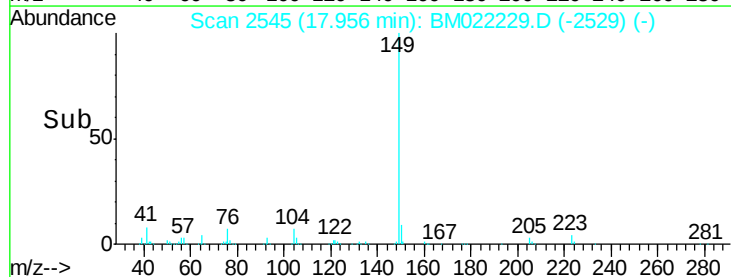
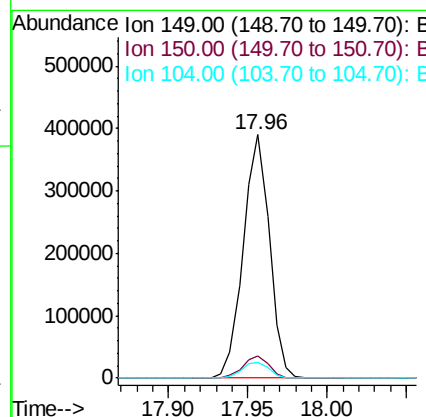
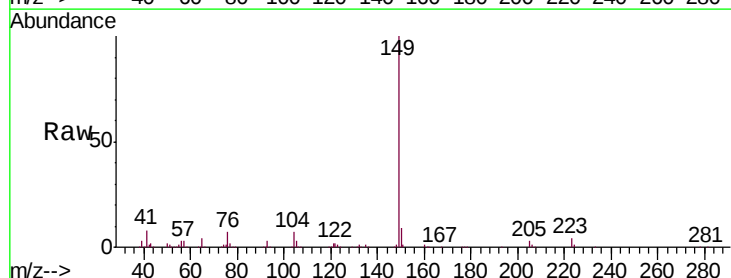
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1MSD

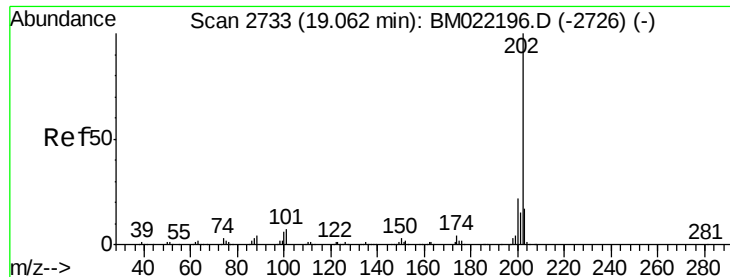
Tgt Ion:167 Resp: 298088  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.4 26.2  
 139 14.0 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 40.005 ng  
 RT: 17.96 min Scan# 2545  
 Delta R.T. -0.01 min  
 Lab File: BM022229.D  
 Acq: 21 Aug 2019 15:07

Tgt Ion:149 Resp: 446096  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 6.7 3.8 5.8#





#75

Fluoranthene

Concen: 38.733 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

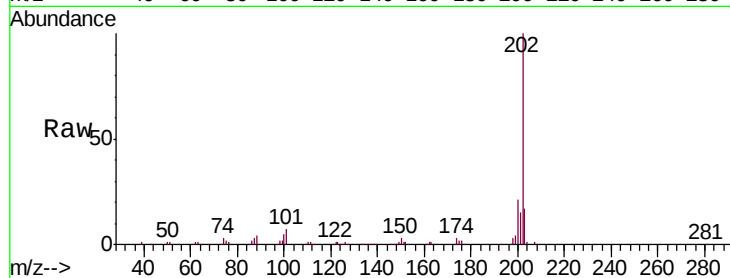
Tgt Ion:202 Resp: 414436

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.2

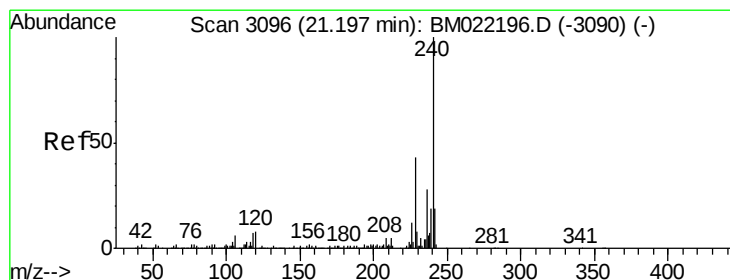
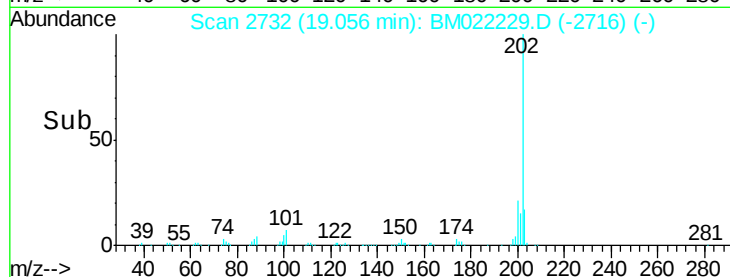
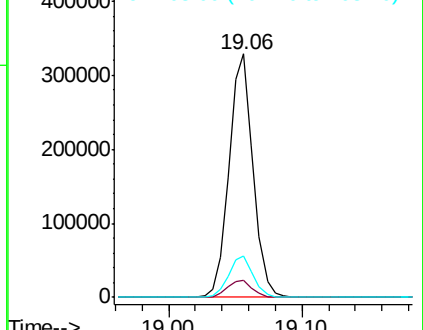
203 16.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

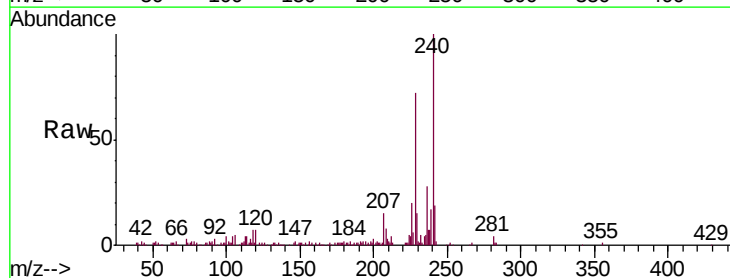
Tgt Ion:240 Resp: 128405

Ion Ratio Lower Upper

240 100

120 6.9 6.9 10.3

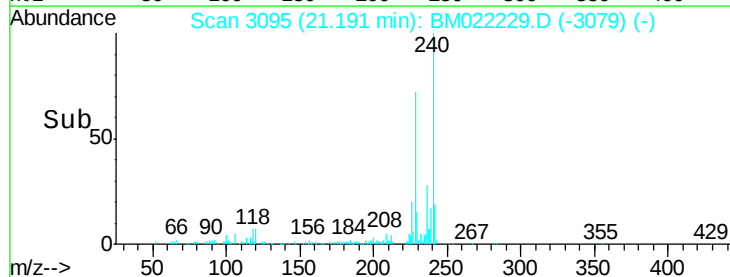
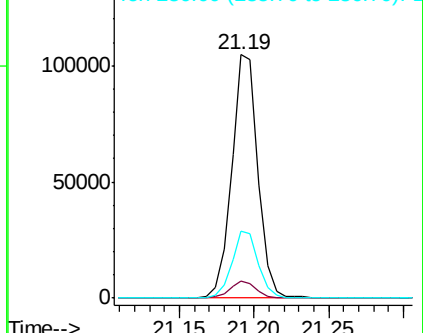
236 27.5 20.4 30.6

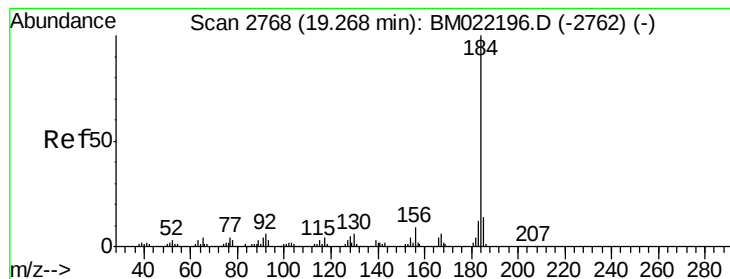


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.650 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

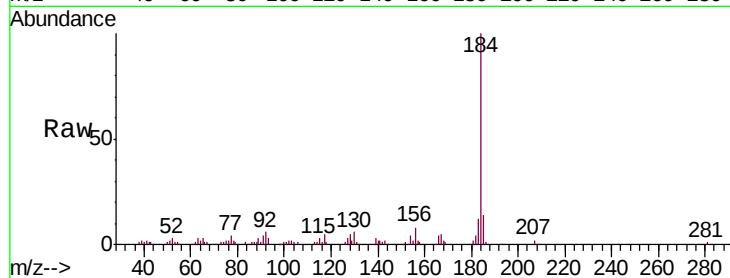
Tgt Ion:184 Resp: 171795

Ion Ratio Lower Upper

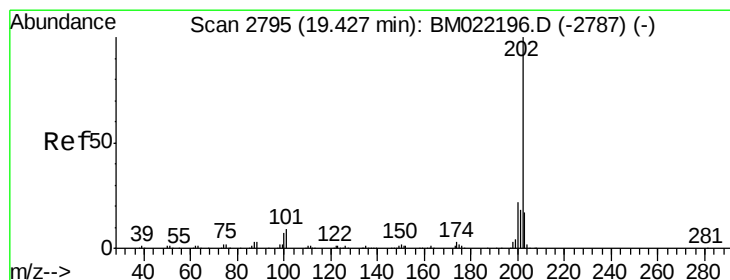
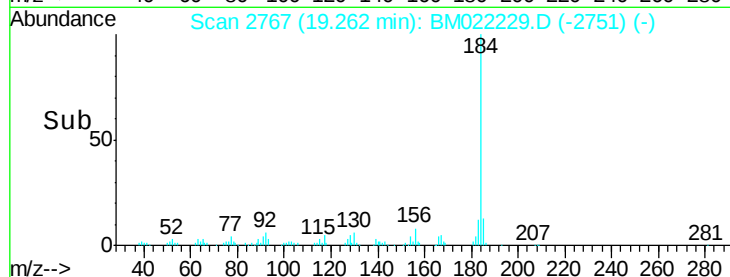
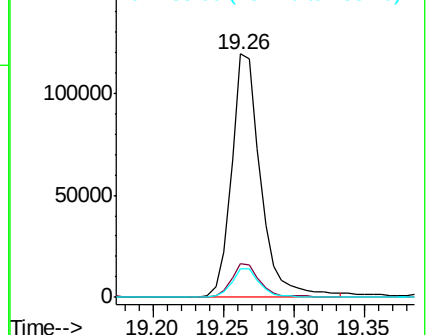
184 100

185 13.9 11.4 17.2

183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.731 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

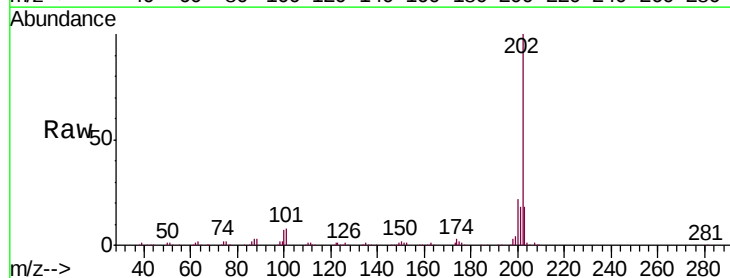
Tgt Ion:202 Resp: 413322

Ion Ratio Lower Upper

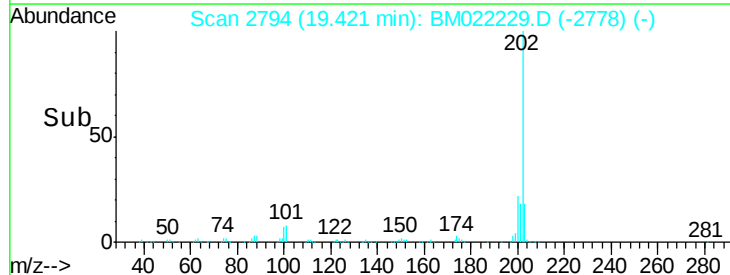
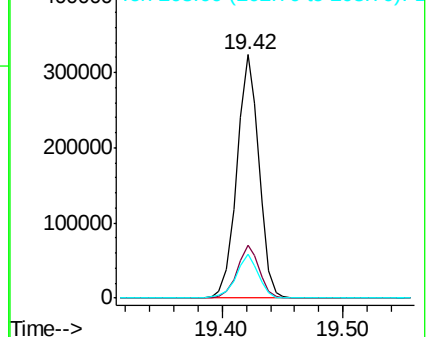
202 100

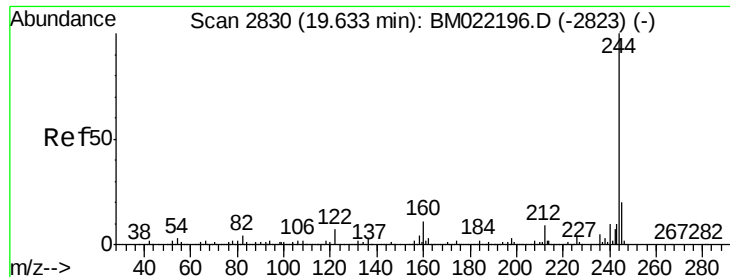
200 21.6 17.0 25.4

203 18.0 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.541 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

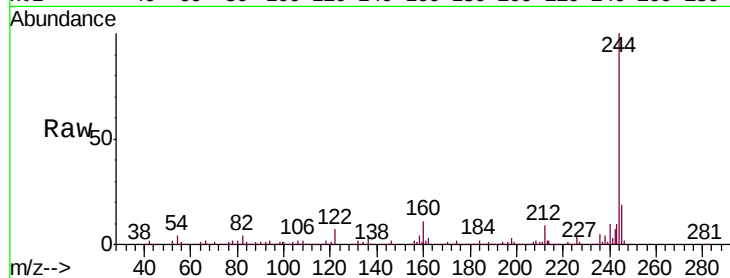
Tgt Ion:244 Resp: 559956

Ion Ratio Lower Upper

244 100

212 8.7 5.3 7.9#

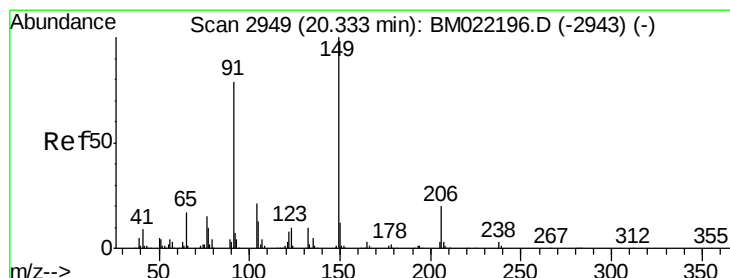
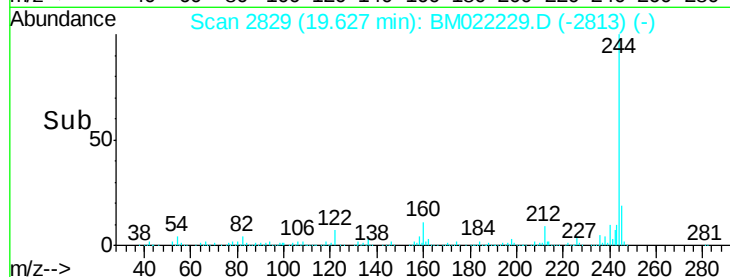
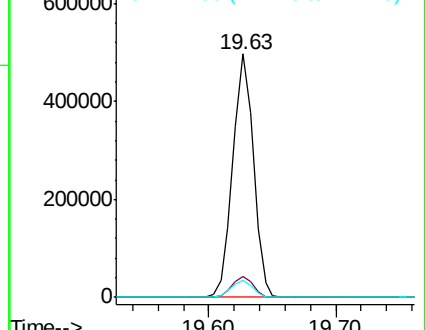
122 6.9 6.6 9.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.701 ng

RT: 20.33 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

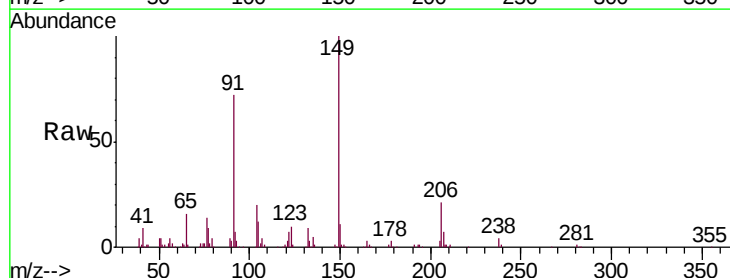
Tgt Ion:149 Resp: 172619

Ion Ratio Lower Upper

149 100

91 71.8 50.9 76.3

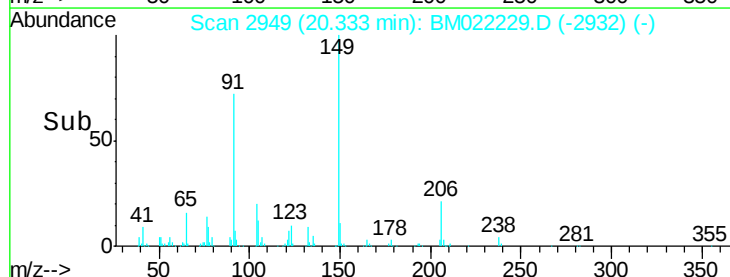
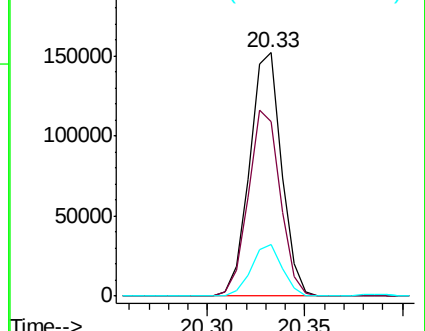
206 21.4 19.7 29.5

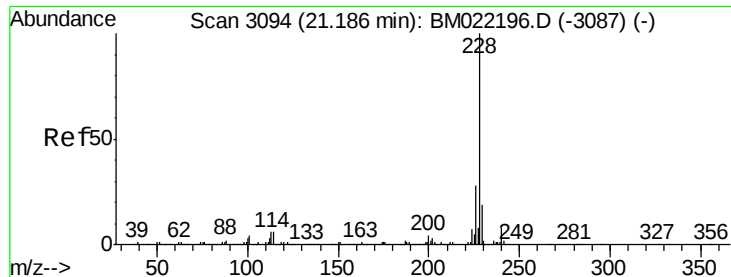


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.828 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

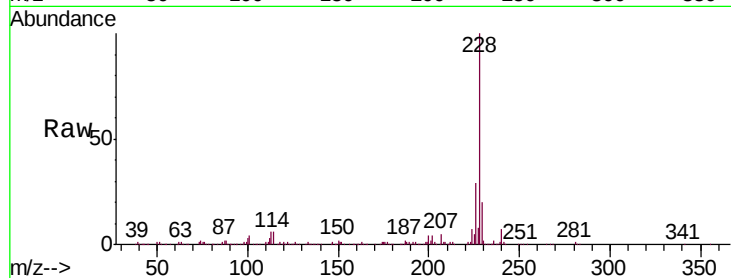
Tgt Ion:228 Resp: 377712

Ion Ratio Lower Upper

228 100

226 28.7 21.6 32.4

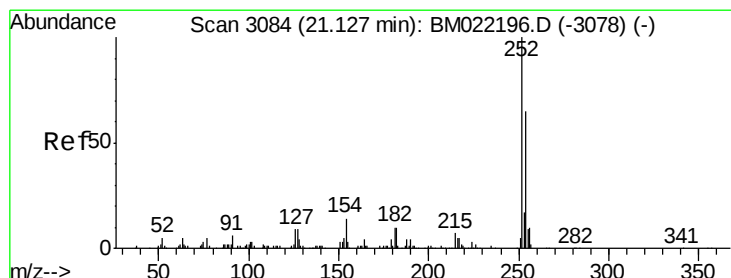
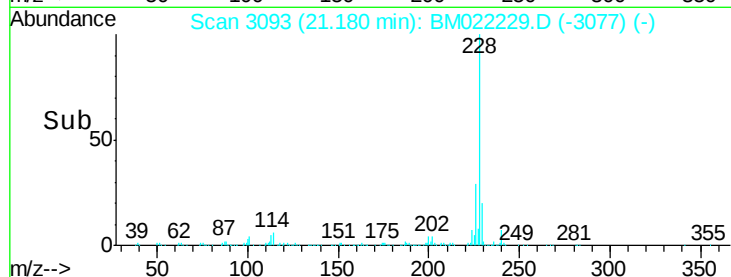
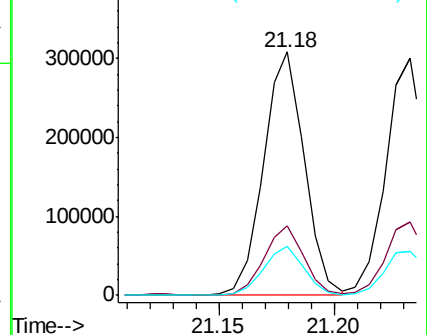
229 20.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.069 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

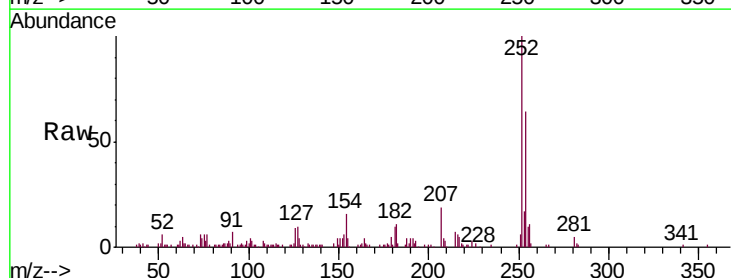
Tgt Ion:252 Resp: 91524

Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

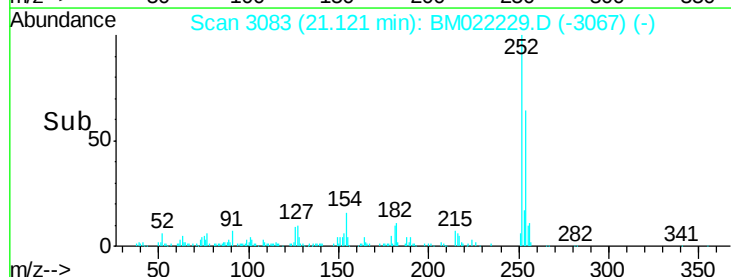
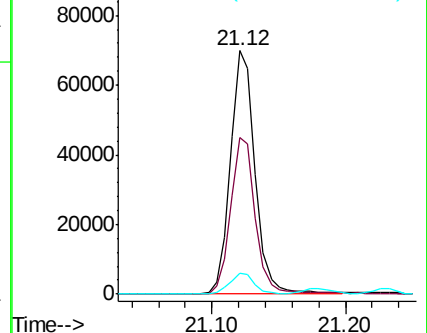
126 8.6 6.6 9.8

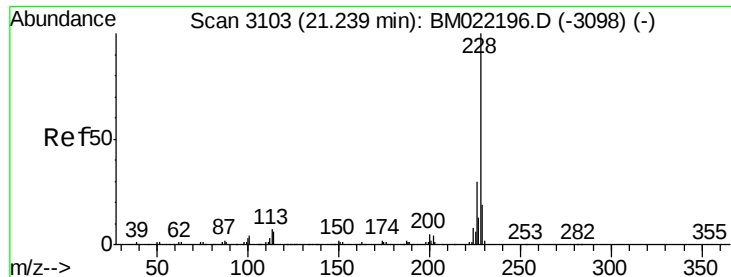


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.264 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

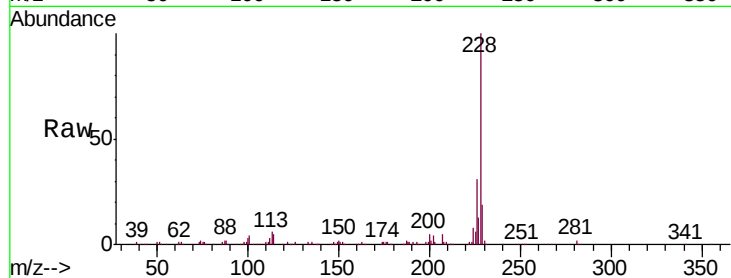
Tgt Ion: 228 Resp: 368419

Ion Ratio Lower Upper

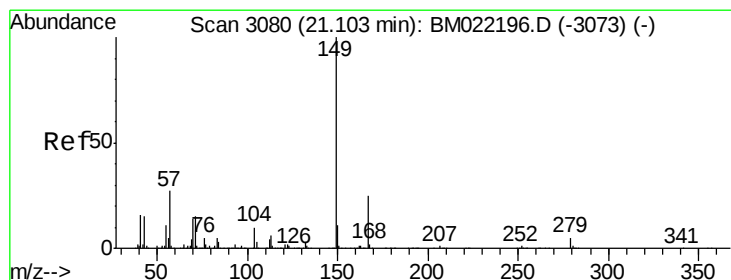
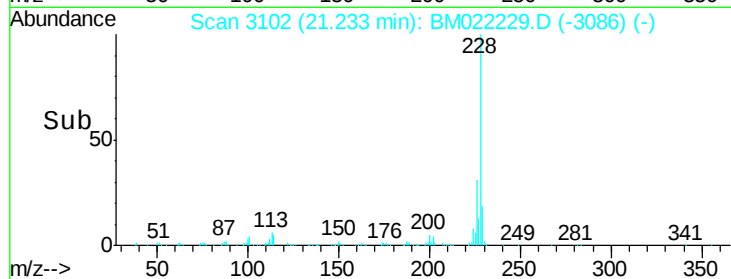
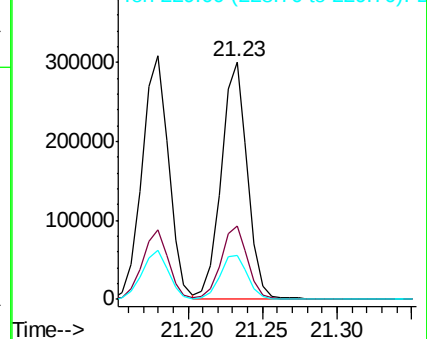
228 100

226 30.8 24.1 36.1

229 18.8 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.173 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

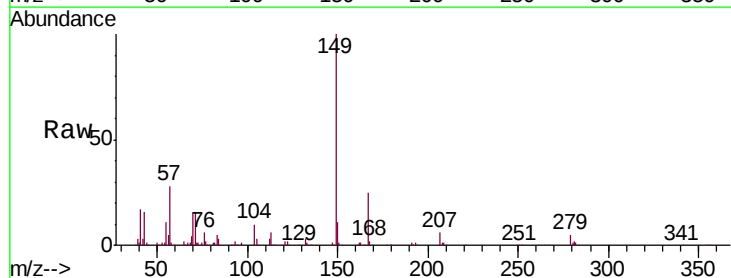
Tgt Ion: 149 Resp: 250314

Ion Ratio Lower Upper

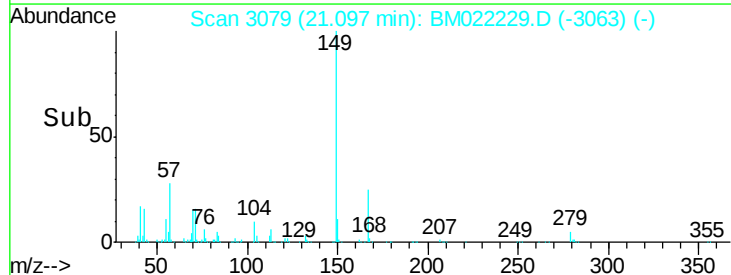
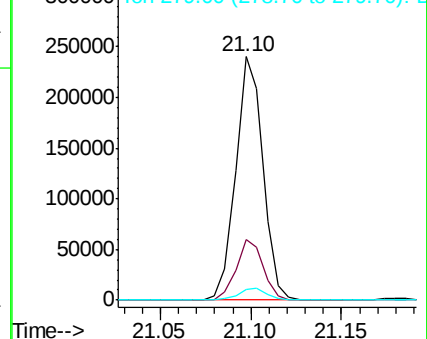
149 100

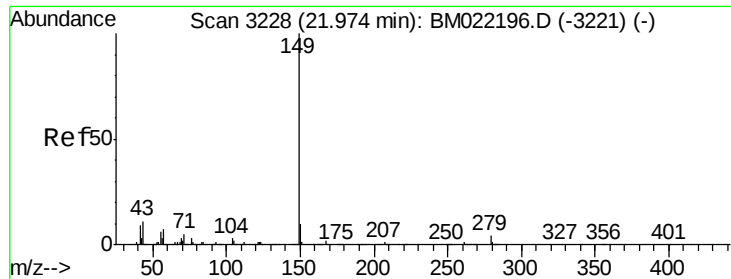
167 25.1 23.0 34.4

279 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

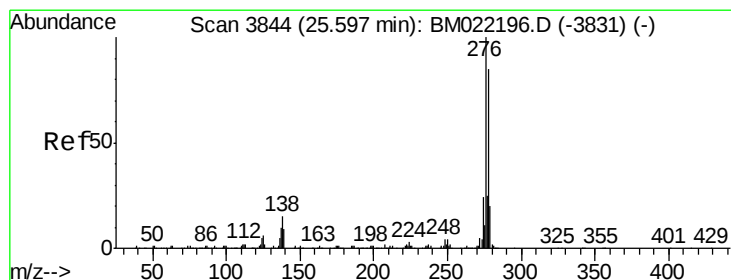
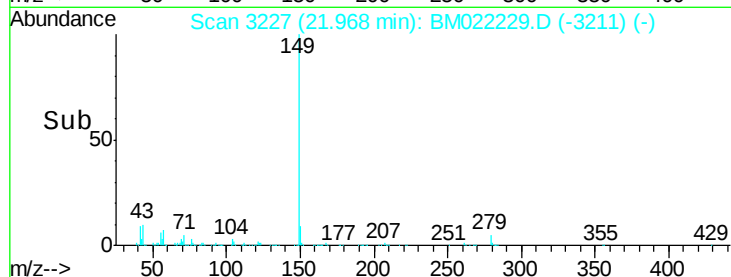
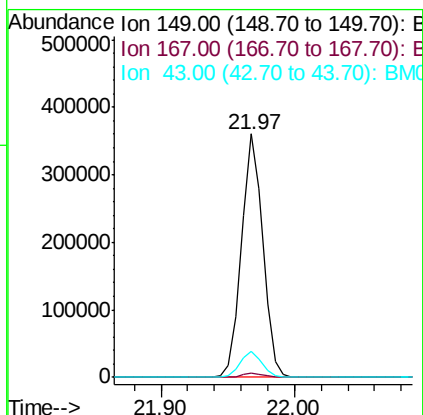
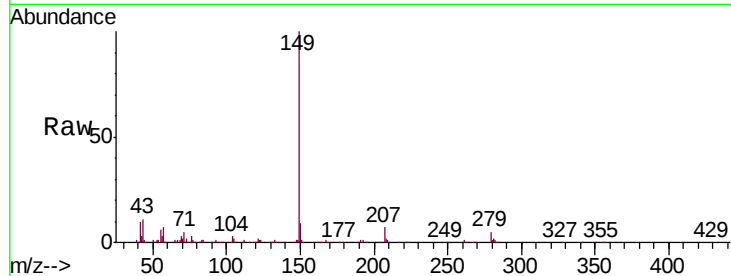




#85  
Di-n-octyl phthalate  
Concen: 40.338 ng  
RT: 21.97 min Scan# 3227  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

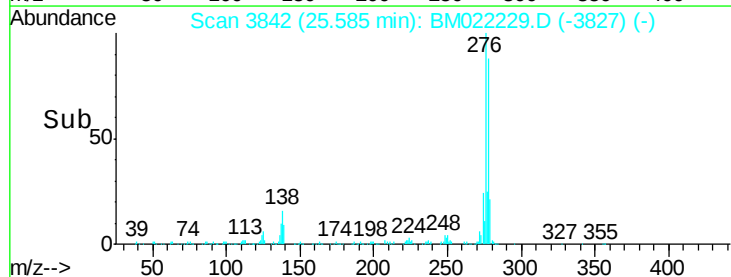
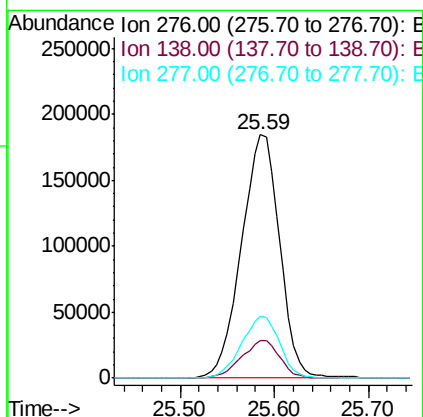
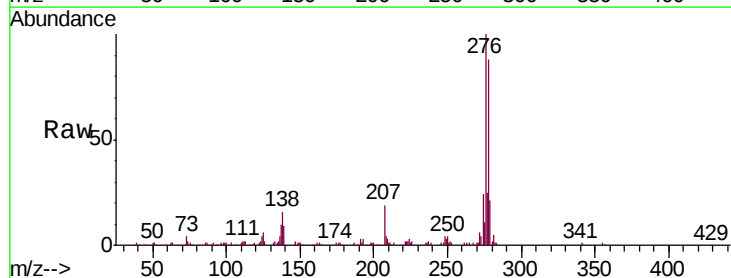
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

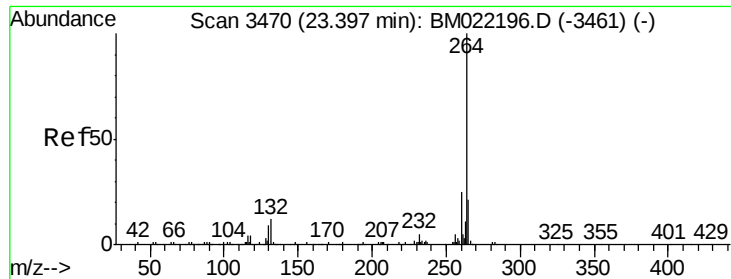
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 10.4  | 6.2   | 9.2#  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.101 ng  
RT: 25.59 min Scan# 3842  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 15.5  | 15.4  | 23.0  |
| 277     | 25.3  | 20.4  | 30.6  |

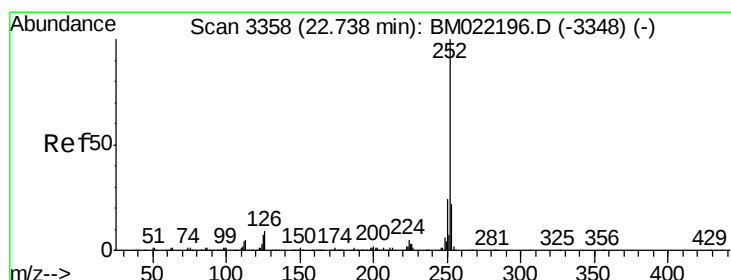
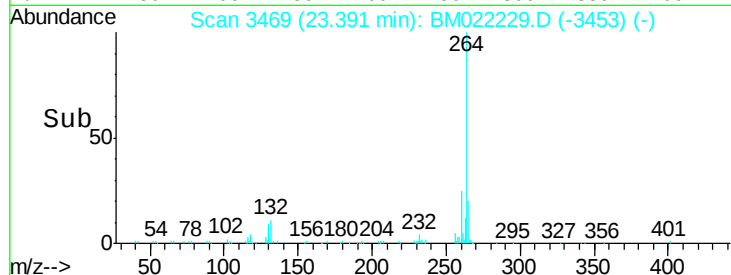
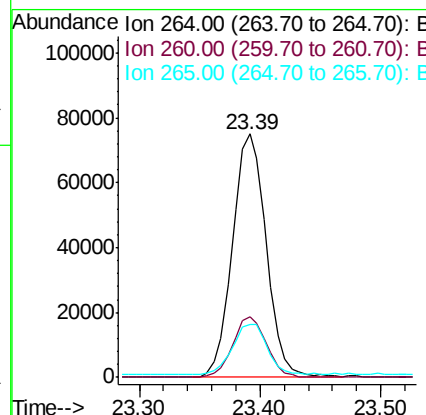
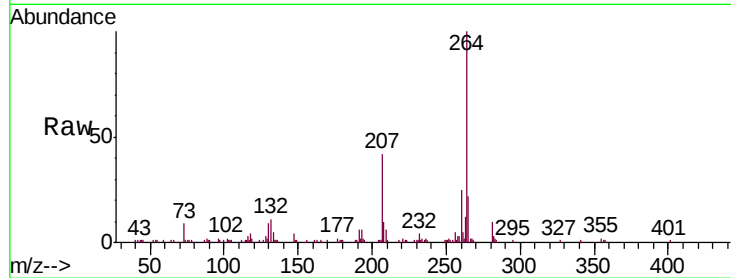




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.39 min Scan# 3469  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

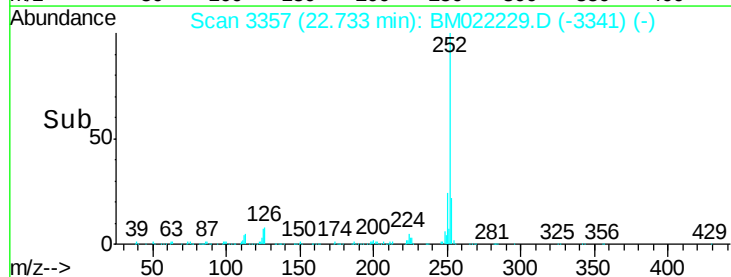
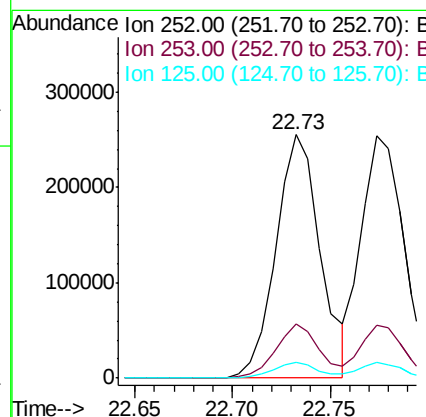
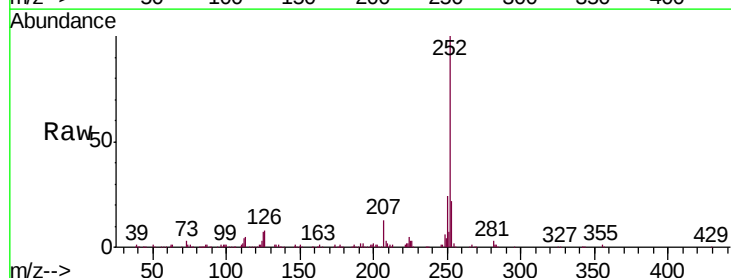
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

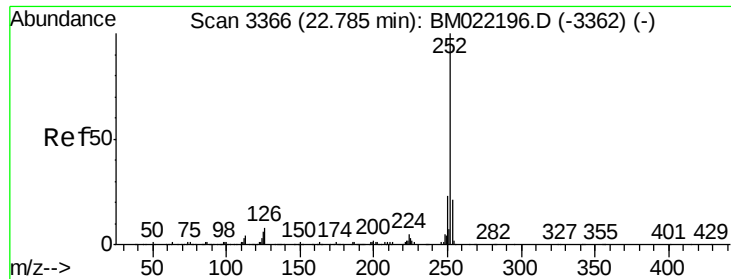
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.0  | 28.4  |
| 265     | 21.8  | 17.7  | 26.5  |



#88  
Benzo(b)fluoranthene  
Concen: 41.174 ng  
RT: 22.73 min Scan# 3357  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.0  |
| 125     | 6.5   | 5.9   | 8.9   |

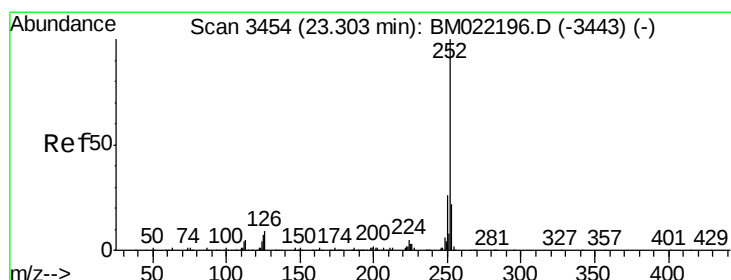
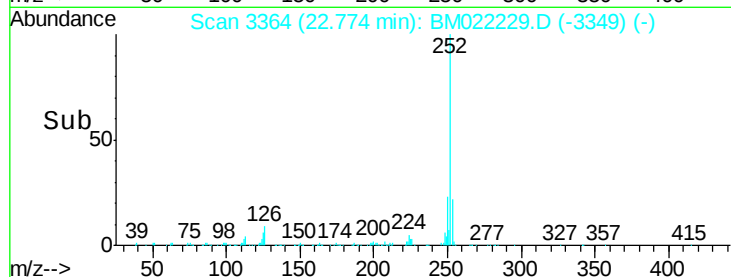
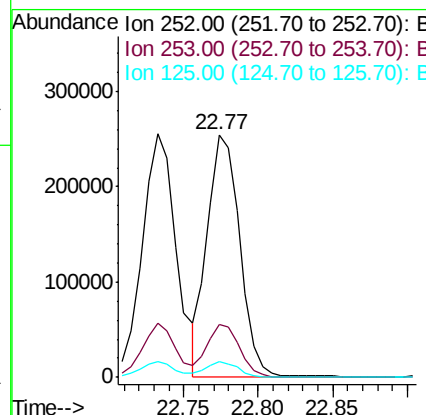
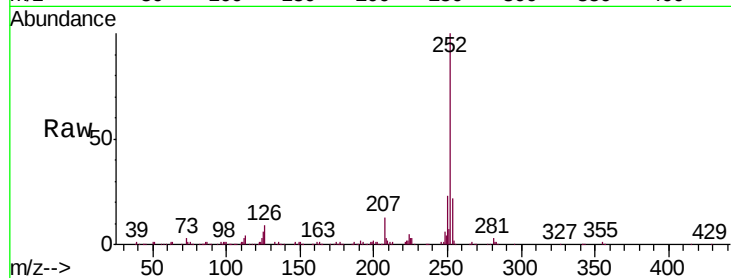




#89  
Benzo(k)fluoranthene  
Concen: 40.191 ng  
RT: 22.77 min Scan# 3364  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

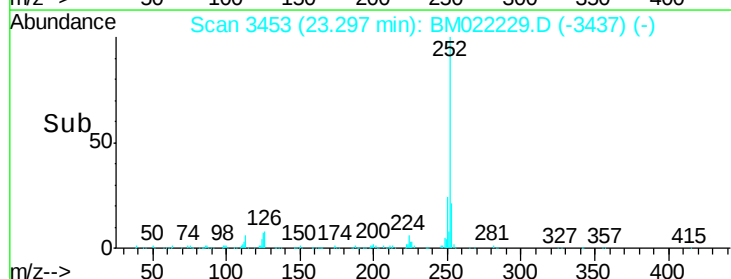
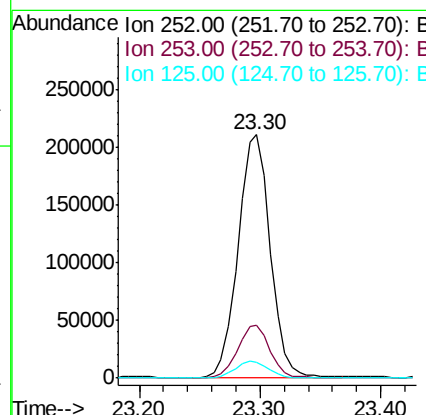
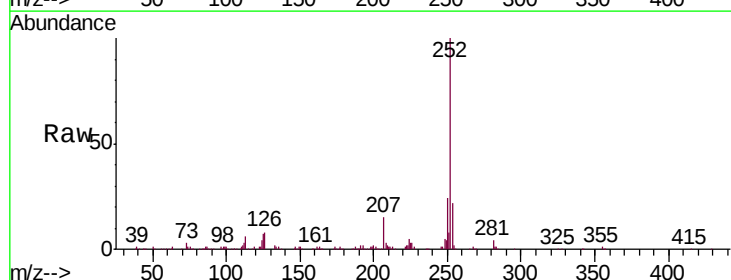
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1MSD

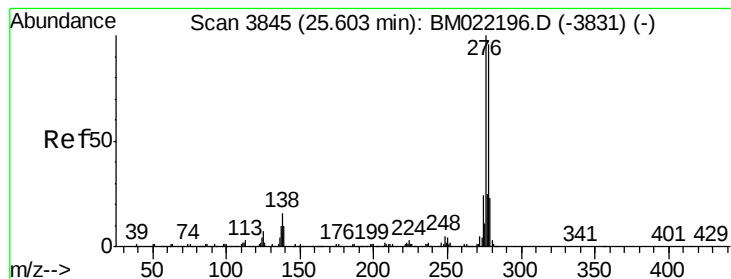
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.5  | 26.3  |
| 125     | 6.4   | 5.9   | 8.9   |



#90  
Benzo(a)pyrene  
Concen: 44.132 ng  
RT: 23.30 min Scan# 3453  
Delta R.T. -0.01 min  
Lab File: BM022229.D  
Acq: 21 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 6.6   | 6.6   | 10.0  |





#91

Dibenzo(a,h)anthracene

Concen: 46.085 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA\_M

ClientSampleId :

SP-1MSD

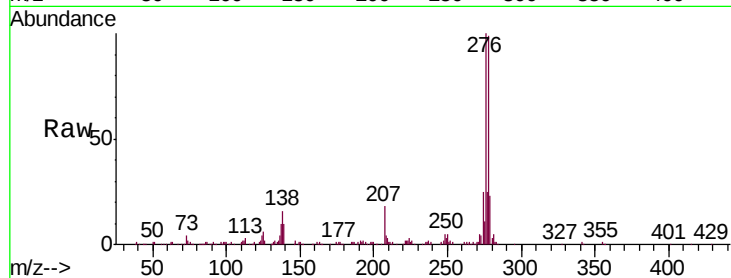
Tgt Ion: 278 Resp: 435471

Ion Ratio Lower Upper

278 100

139 10.2 9.8 14.8

279 23.0 18.7 28.1

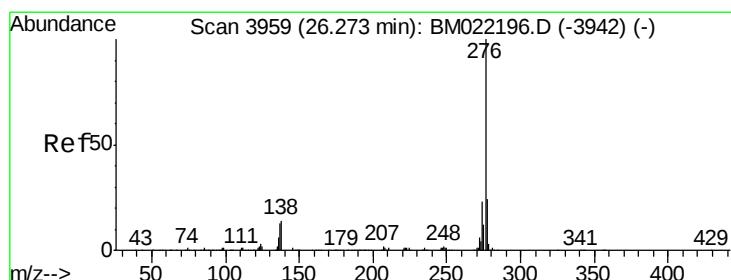
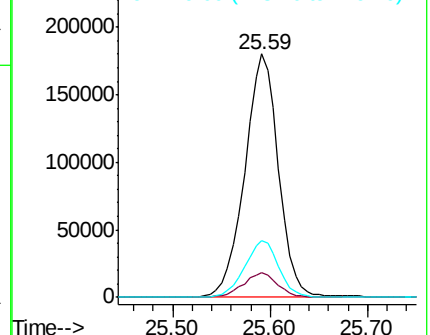
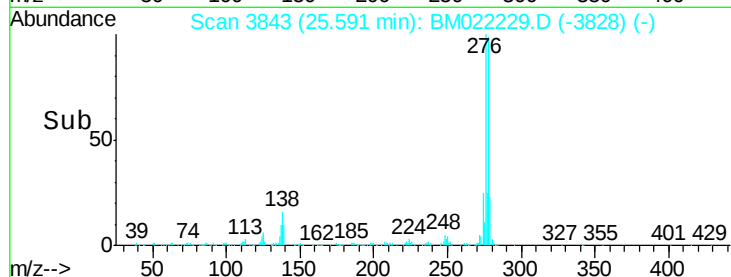


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 49.837 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

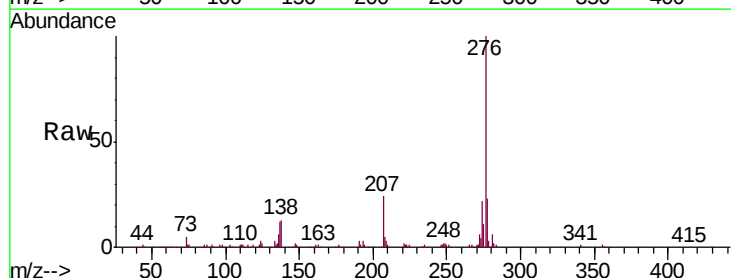
Tgt Ion: 276 Resp: 411709

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 12.9 13.1 19.7#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

