

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081015\  
 Data File : BM002318.D  
 Acq On : 10 Aug 2015 18:42  
 Operator : UM/IZ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

Quant Time: Aug 11 01:36:24 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 11 01:34:33 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.90  | 152  | 202443   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.77 | 136  | 958014   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.49 | 164  | 477744   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 18.20 | 188  | 867209   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.29 | 240  | 558306   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.98 | 264  | 572386   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.91  | 96  | 31975  | 7.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.99  | 99  | 350200 | 19.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 8.19  | 67  | 201786 | 18.66 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.41  | 132 | 309918 | 20.48 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.59  | 113 | 298537 | 19.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 10.10 | 128 | 149361 | 20.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.83 | 143 | 149267 | 23.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 11.37 | 165 | 285700 | 20.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.89 | 131 | 405257 | 21.91 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.86 | 166 | 750304 | 19.08 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 15.19 | 160 | 998267 | 20.17 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.62 | 143 | 122963 | 17.32 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 16.46 | 176 | 659649 | 19.16 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.55 | 200 | 46053  | 13.51 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 18.29 | 188 | 854247 | 20.30 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.51 | 212 | 669697 | 24.73 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.80 | 264 | 608537 | 20.02 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       |        | Ovalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.95  | 88  | 34561   | 7.00  | ng/uL# | 1      |
| 4) Benzaldehyde                | 8.00  | 77  | 222982  | 20.64 | ng/ul  | 96     |
| 6) Phenol                      | 8.02  | 94  | 359094  | 19.14 | ng/ul  | 93     |
| 8) Bis(2-Chloroethyl)ether     | 8.28  | 93  | 283440  | 19.62 | ng/ul  | 95     |
| 10) 2-Chlorophenol             | 8.45  | 128 | 313146  | 20.29 | ng/ul  | 93     |
| 11) 2-Methylphenol             | 9.32  | 108 | 284333  | 19.15 | ng/ul  | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 9.43  | 45  | 451636  | 17.53 | ng/ul  | 99     |
| 14) Acetophenone               | 9.74  | 105 | 447951  | 19.17 | ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 9.71  | 70  | 222223  | 17.71 | ng/ul  | 98     |
| 16) 4-Methylphenol             | 9.66  | 108 | 309457  | 19.03 | ng/ul  | 97     |
| 17) Hexachloroethane           | 10.02 | 117 | 112743  | 18.50 | ng/ul  | 93     |
| 20) Nitrobenzene               | 10.14 | 77  | 319861  | 19.20 | ng/ul  | 94     |
| 21) Isophorone                 | 10.66 | 82  | 581095  | 17.48 | ng/ul  | 98     |
| 23) 2-Nitrophenol              | 10.86 | 139 | 165038  | 22.83 | ng/ul  | 91     |
| 24) 2,4-Dimethylphenol         | 10.89 | 107 | 333911  | 18.83 | ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 11.13 | 93  | 385307  | 18.73 | ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 11.40 | 162 | 276032  | 20.62 | ng/ul  | 98     |
| 28) Naphthalene                | 11.83 | 128 | 1004967 | 19.92 | ng/ul  | 100    |
| 30) 4-Chloroaniline            | 11.92 | 127 | 398803  | 21.72 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 12.08 | 225 | 157889  | 20.39 | ng/ul  | 98     |
| 32) Caprolactam                | 12.66 | 113 | 91403   | 16.53 | ng/ul  | 79     |
| 33) 4-Chloro-3-methylphenol    | 12.96 | 107 | 293787  | 17.51 | ng/ul  | 94     |
| 34) 2-Methylnaphthalene        | 13.37 | 142 | 691832  | 19.20 | ng/ul  | 98     |

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 Operator : UM/IZ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTD02020

Quant Time: Aug 11 01:36:24 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 11 01:34:33 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 13.58 | 142  | 677194   | 19.07 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.72 | 216  | 305010   | 22.24 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 13.69 | 237  | 93883    | 11.56 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.94 | 196  | 195117   | 22.83 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 14.01 | 196  | 211704   | 22.08 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 14.33 | 154  | 854325   | 21.15 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 14.39 | 162  | 653737   | 21.29 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 14.57 | 65   | 173688   | 18.65 | ng/ul  | 88       |
| 45) Dimethylphthalate          | 14.91 | 163  | 771887   | 19.24 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 15.05 | 165  | 158399   | 21.08 | ng/ul  | 90       |
| 48) Acenaphthylene             | 15.22 | 152  | 1032554  | 20.10 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 15.37 | 138  | 184438   | 22.69 | ng/ul# | 87       |
| 50) Acenaphthene               | 15.55 | 153  | 691244   | 20.00 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 15.57 | 184  | 23200    | 8.95  | ng/ul# | 1        |
| 53) 4-Nitrophenol              | 15.64 | 109  | 82229    | 15.79 | ng/ul  | 91       |
| 54) Dibenzofuran               | 15.87 | 168  | 918120   | 19.91 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 15.82 | 165  | 212803   | 19.96 | ng/ul  | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 16.08 | 232  | 150616   | 20.65 | ng/ul  | 99       |
| 57) Diethylphthalate           | 16.24 | 149  | 777196   | 18.11 | ng/ul  | 99       |
| 59) Fluorene                   | 16.52 | 166  | 748661   | 19.23 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 16.49 | 204  | 353513   | 19.81 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 16.52 | 138  | 178474   | 18.98 | ng/ul  | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.57 | 198  | 50557    | 13.21 | ng/ul  | 90       |
| 65) N-Nitrosodiphenylamine     | 16.69 | 169  | 628323   | 22.10 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.37 | 248  | 202255   | 22.32 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 17.50 | 284  | 218421   | 21.16 | ng/ul  | 98       |
| 68) Atrazine                   | 17.60 | 200  | 205494   | 20.76 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 17.83 | 266  | 93450    | 18.45 | ng/ul  | 99       |
| 70) Phenanthrene               | 18.24 | 178  | 1006864  | 20.17 | ng/ul  | 99       |
| 72) Anthracene                 | 18.33 | 178  | 1034114  | 20.06 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 14.31 | 216  | 303922   | 25.76 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 15.79 | 250  | 275756   | 24.17 | ng/uL  | 98       |
| 75) Carbazole                  | 18.58 | 167  | 899679   | 19.29 | ng/ul  | 100      |
| 76) Di-n-butylphthalate        | 19.07 | 149  | 1232656  | 19.70 | ng/ul  | 99       |
| 77) Fluoranthene               | 20.18 | 202  | 890582   | 16.86 | ng/ul  | 99       |
| 80) Pvrene                     | 20.54 | 202  | 879597   | 24.37 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 21.36 | 149  | 423213   | 23.74 | ng/ul  | 92       |
| 82) 3,3'-Dichlorobenzidine     | 22.17 | 252  | 228852   | 21.34 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 22.27 | 228  | 697819   | 20.48 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 22.12 | 149  | 578722   | 22.44 | ng/ul  | 100      |
| 85) Chrysene                   | 22.33 | 228  | 647860   | 20.06 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 23.13 | 149  | 882084   | 20.18 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.14 | 252  | 699592   | 19.66 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 672799   | 19.69 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 24.86 | 252  | 684129   | 20.10 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 27.83 | 276  | 821920   | 21.06 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 27.84 | 278  | 699118   | 21.15 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 28.71 | 276  | 693858   | 21.08 | ng/ul  | 98       |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081015\  
Data File : BM002318.D  
Acq On : 10 Aug 2015 18:42  
Operator : UM/IZ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

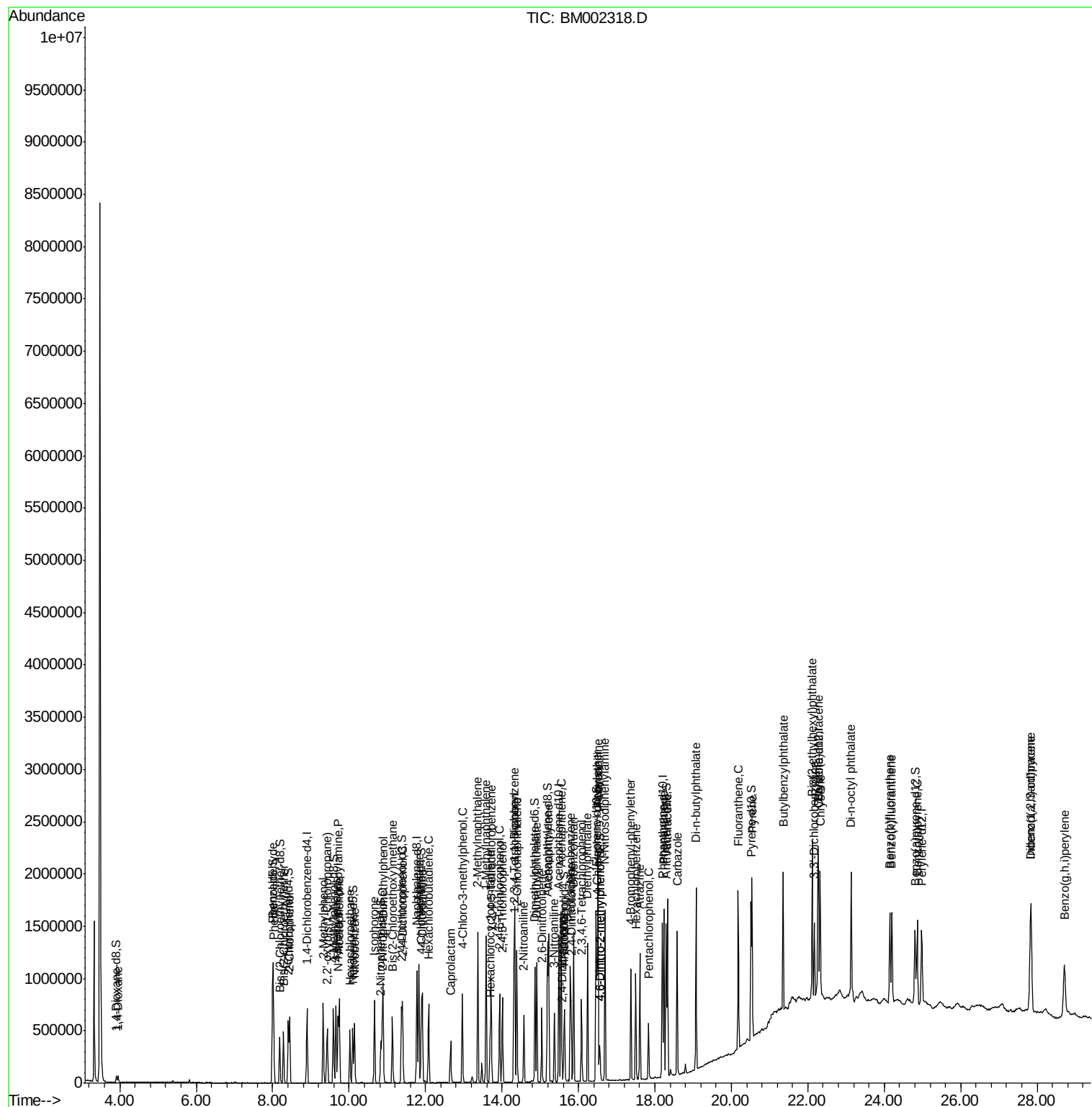
Quant Time: Aug 11 01:36:24 2015  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 11 01:34:33 2015  
Response via : Initial Calibration

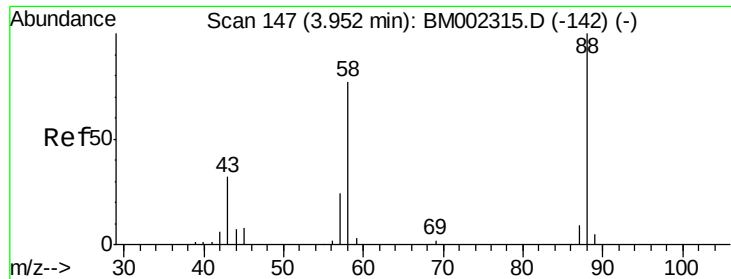
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                 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

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Data File : BM002318.D  
Acq On : 10 Aug 2015 18:42  
Operator : UM/IZ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Quant Time: Aug 11 01:36:24 2015  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 11 01:34:33 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.00 ng/uL

RT: 3.95 min Scan# 147

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

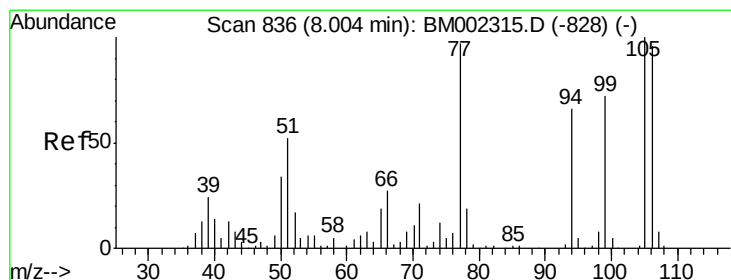
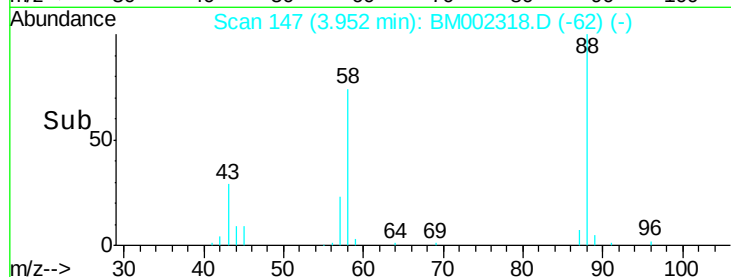
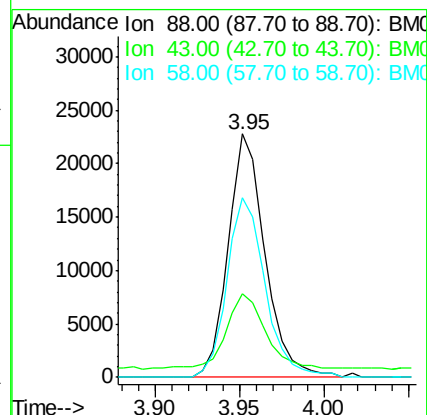
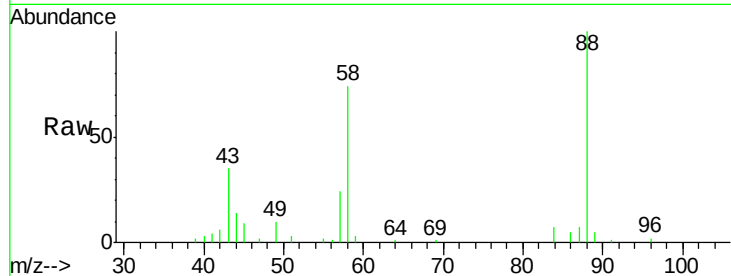
Tot Ion: 88 Resp: 34561

Ion Ratio Lower Upper

88 100

43 31.3 2.3 3.5#

58 76.7 0.6 1.0#



#4

Benzaldehyde

Concen: 20.64 ng/uL

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

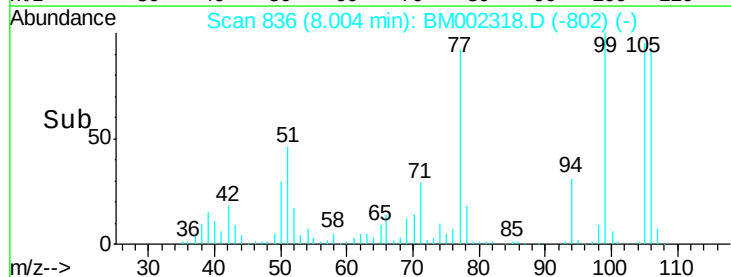
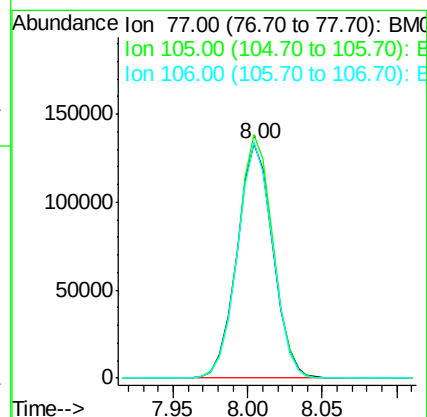
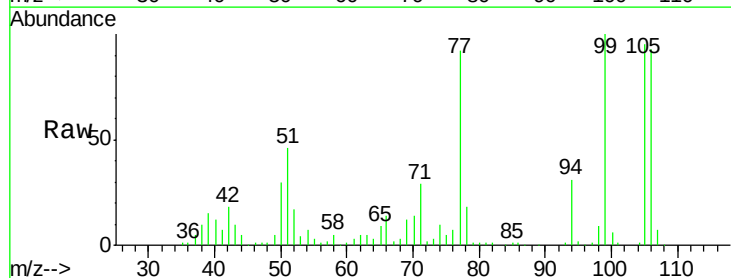
Tgt Ion: 77 Resp: 222982

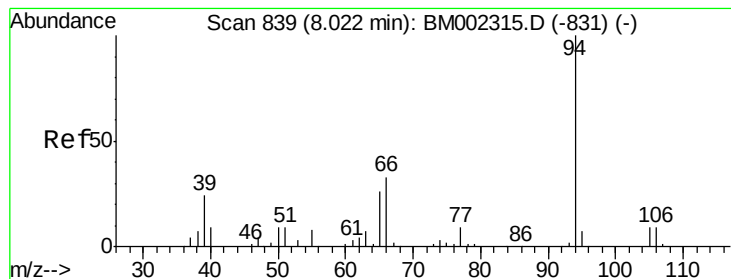
Ion Ratio Lower Upper

77 100

105 103.9 80.0 120.0

106 100.7 76.7 115.1





#6

Phenol

Concen: 19.14 ng/ul

RT: 8.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampled :

SSTD02020

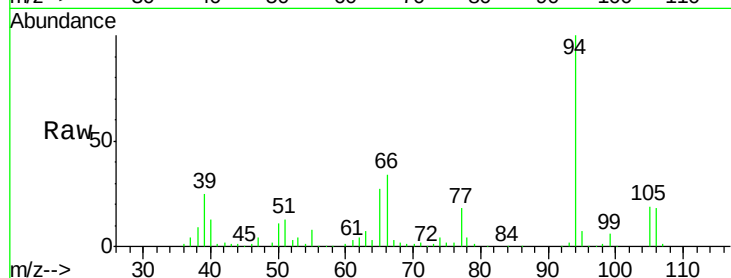
Tot Ion: 94 Resp: 359094

Ion Ratio Lower Upper

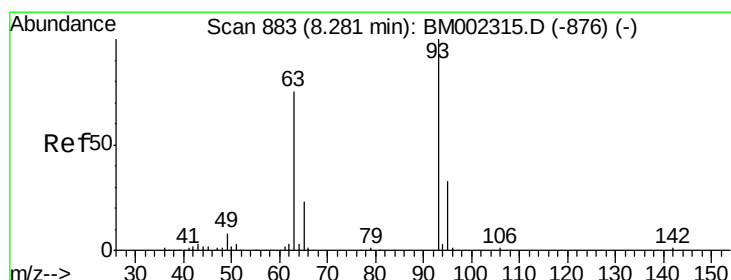
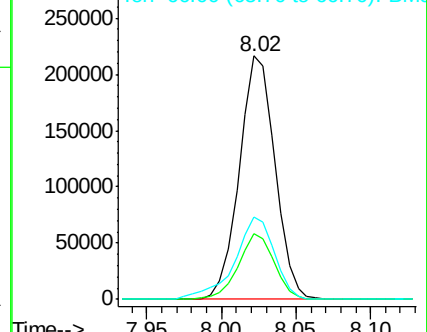
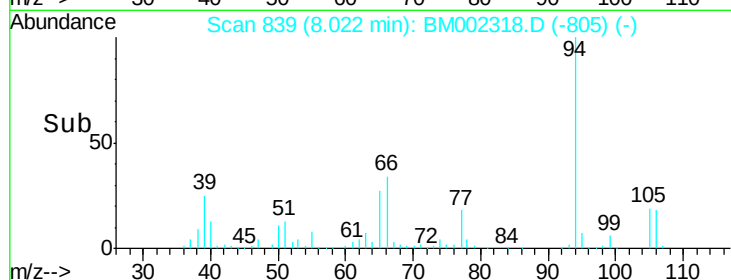
94 100

65 26.9 23.7 35.5

66 33.9 31.3 46.9



Abundance Ion 94.00 (93.70 to 94.70): BM002318.D (-805) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.62 ng/ul

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

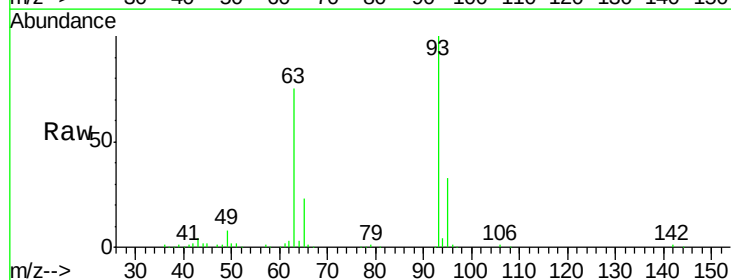
Tgt Ion: 93 Resp: 283440

Ion Ratio Lower Upper

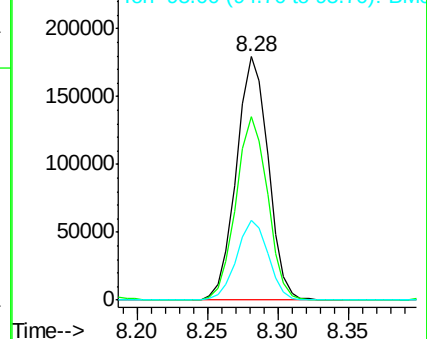
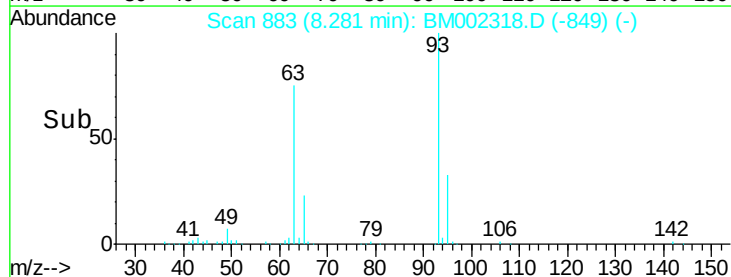
93 100

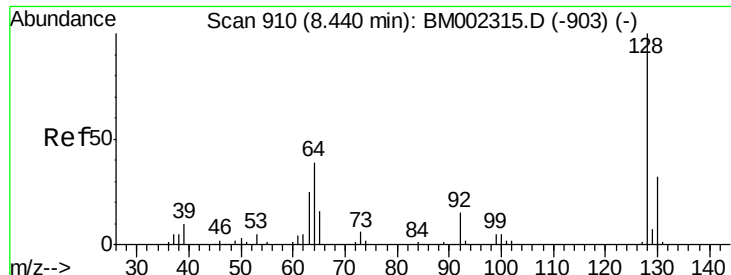
63 75.3 64.6 97.0

95 32.7 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BM002318.D (-849) (-)

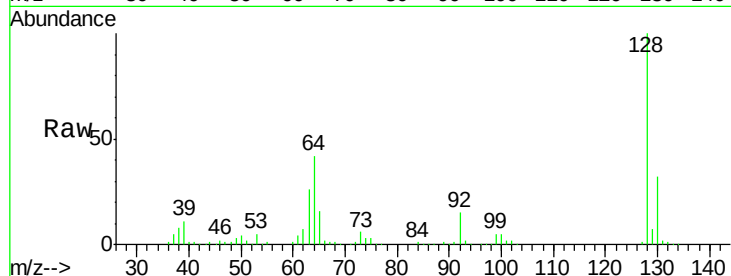




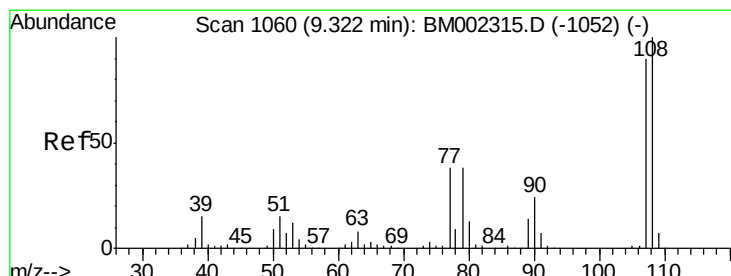
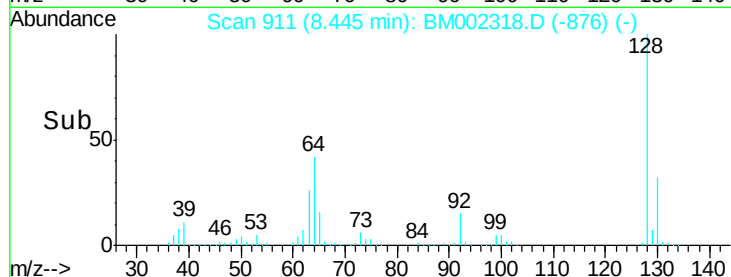
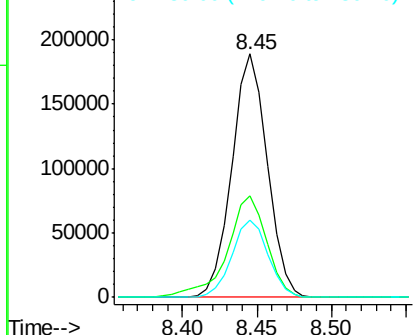
#10  
2-Chlorophenol  
Concen: 20.29 ng/ul  
RT: 8.45 min Scan# 911  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Tot Ion:128 Resp: 313146  
Ion Ratio Lower Upper  
128 100  
64 41.5 38.7 58.1  
130 31.5 26.6 40.0

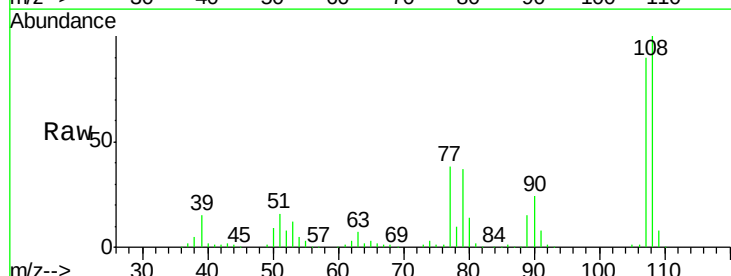


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

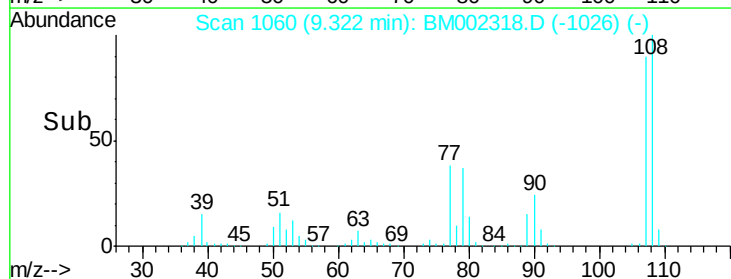
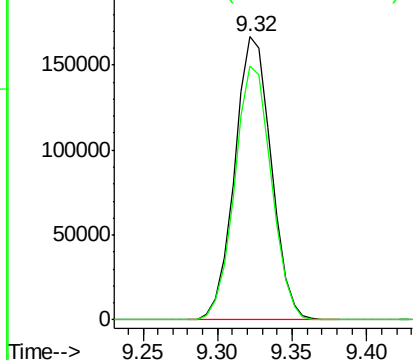


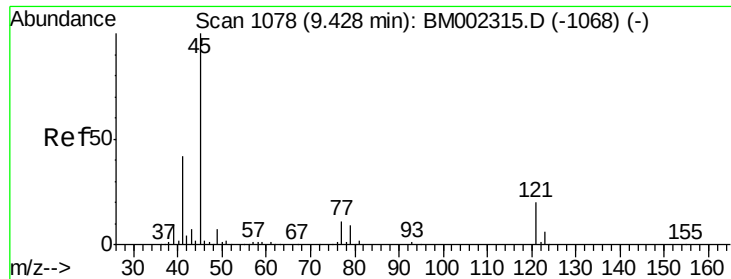
#11  
2-Methylphenol  
Concen: 19.15 ng/ul  
RT: 9.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:108 Resp: 284333  
Ion Ratio Lower Upper  
108 100  
107 89.6 72.0 108.0



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





#12

2,2'-oxybis(1-Chloropropane)

Concen: 17.53 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

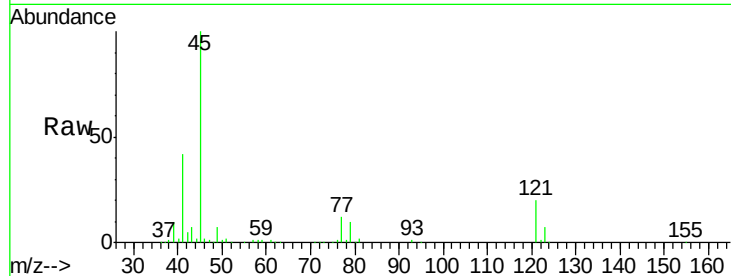
Tot Ion: 45 Resp: 451636

Ion Ratio Lower Upper

45 100

77 12.1 9.4 14.2

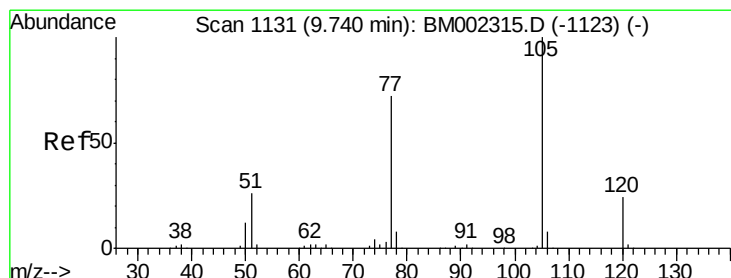
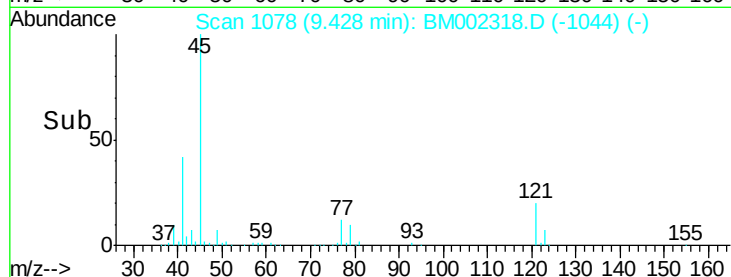
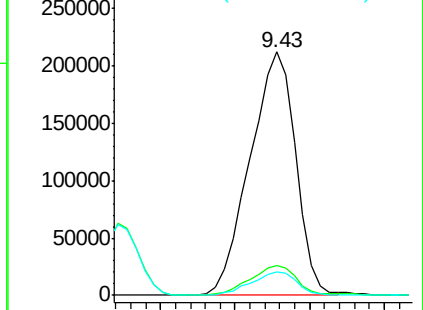
79 9.7 7.5 11.3



Abundance Ion 45.00 (44.70 to 45.70): BM002318.D (-1044) (-)

Ion 77.00 (76.70 to 77.70): BM002318.D (-1044) (-)

Ion 79.00 (78.70 to 79.70): BM002318.D (-1044) (-)



#14

Acetophenone

Concen: 19.17 ng/ul

RT: 9.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

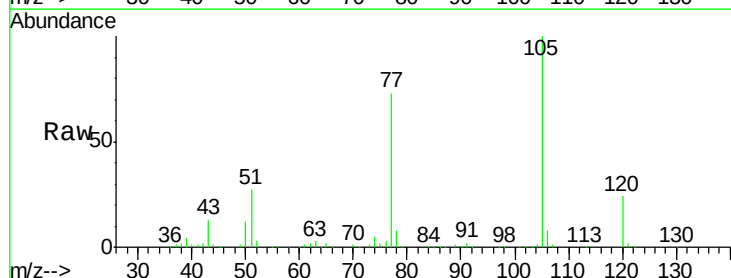
Tgt Ion:105 Resp: 447951

Ion Ratio Lower Upper

105 100

77 73.3 59.4 89.0

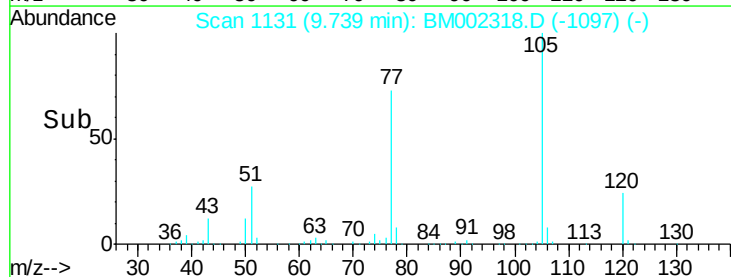
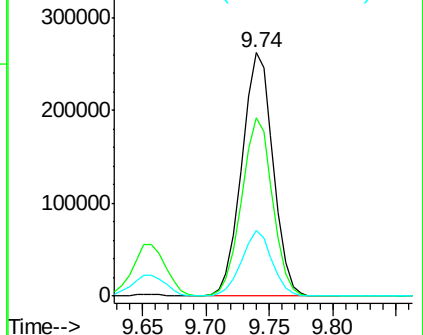
51 26.8 23.4 35.0



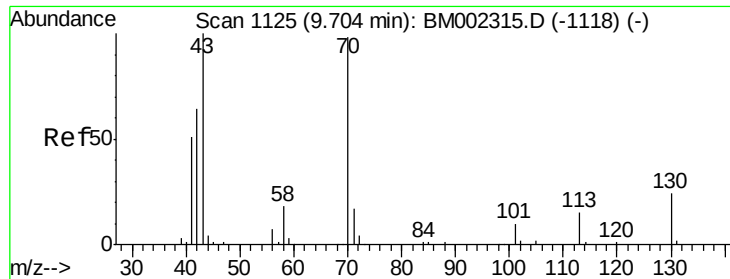
Abundance Ion 105.00 (104.70 to 105.70): BM002318.D (-1097) (-)

Ion 77.00 (76.70 to 77.70): BM002318.D (-1097) (-)

Ion 51.00 (50.70 to 51.70): BM002318.D (-1097) (-)



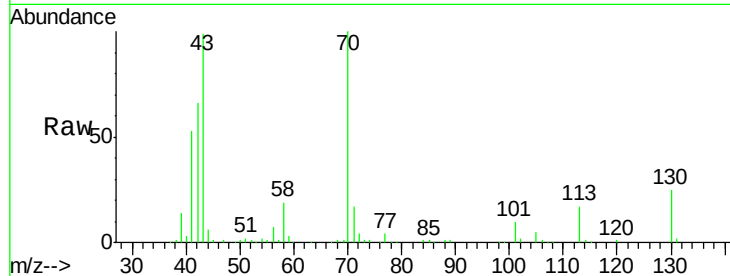




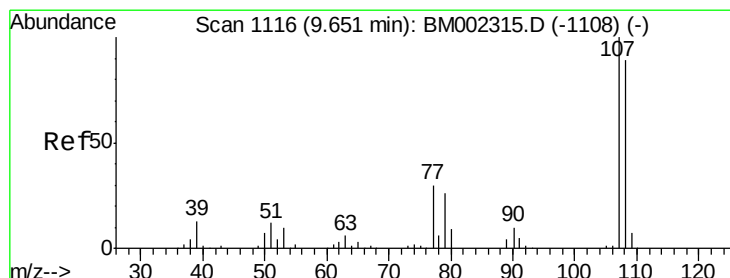
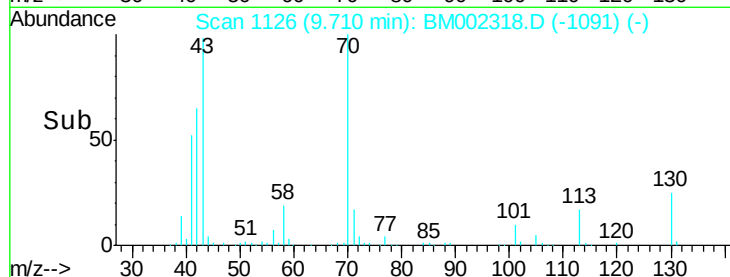
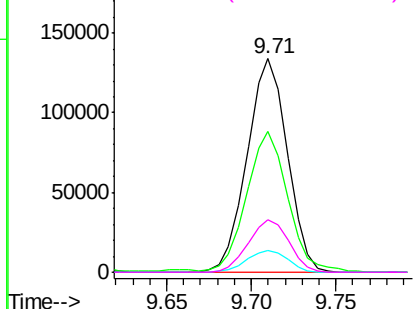
#15  
N-Nitroso-di-n-propylamine  
Concen: 17.71 ng/ul  
RT: 9.71 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Tot Ion: 70 Resp: 222223  
Ion Ratio Lower Upper  
70 100  
42 65.7 53.4 80.0  
101 10.3 7.7 11.5  
130 24.9 17.5 26.3

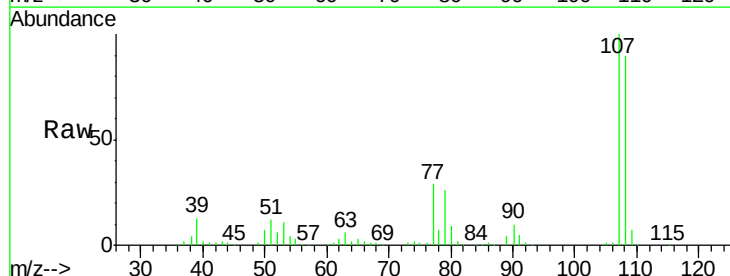


Abundance Ion 70.00 (69.70 to 70.70): BM002318.D (-1091) (-)  
Ion 42.00 (41.70 to 42.70): BM002318.D (-1091) (-)  
Ion 101.00 (100.70 to 101.70): BM002318.D (-1091) (-)  
Ion 130.00 (129.70 to 130.70): BM002318.D (-1091) (-)

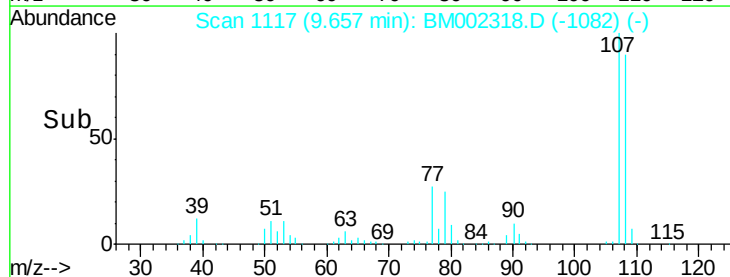
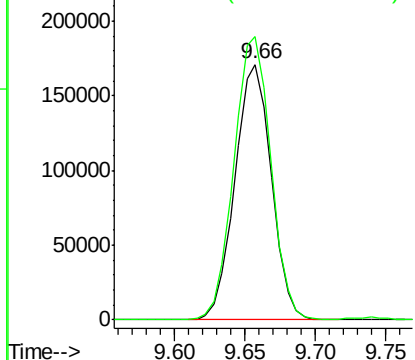


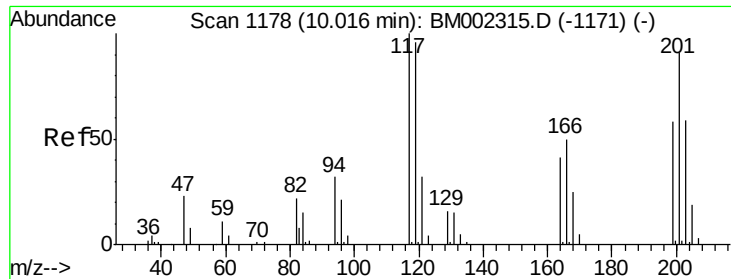
#16  
4-Methylphenol  
Concen: 19.03 ng/ul  
RT: 9.66 min Scan# 1117  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion: 108 Resp: 309457  
Ion Ratio Lower Upper  
108 100  
107 110.7 90.9 136.3



Abundance Ion 108.00 (107.70 to 108.70): BM002318.D (-1082) (-)  
Ion 107.00 (106.70 to 107.70): BM002318.D (-1082) (-)

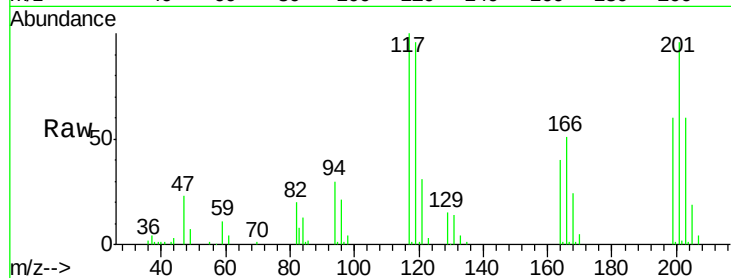




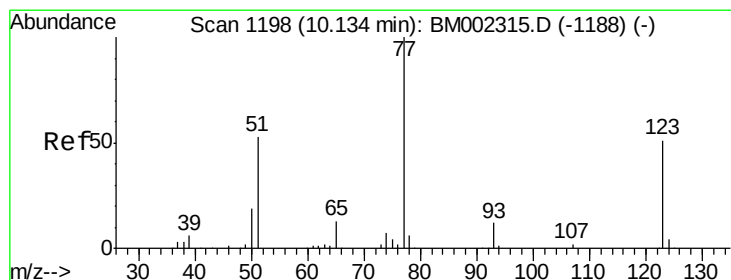
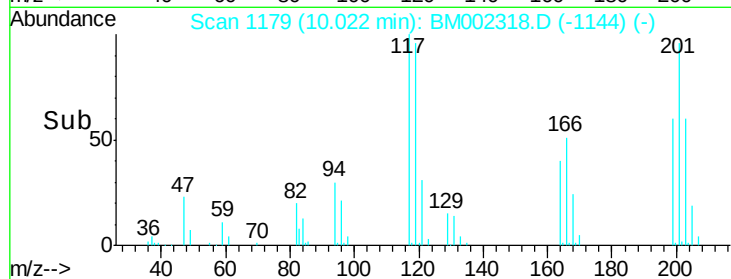
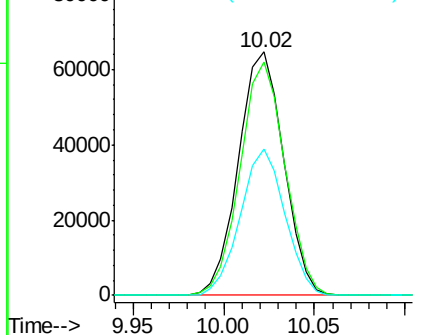
#17  
Hexachloroethane  
Concen: 18.50 ng/ul  
RT: 10.02 min Scan# 1179  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Tot Ion:117 Resp: 112743  
Ion Ratio Lower Upper  
117 100  
201 95.7 71.5 107.3  
199 61.3 44.9 67.3

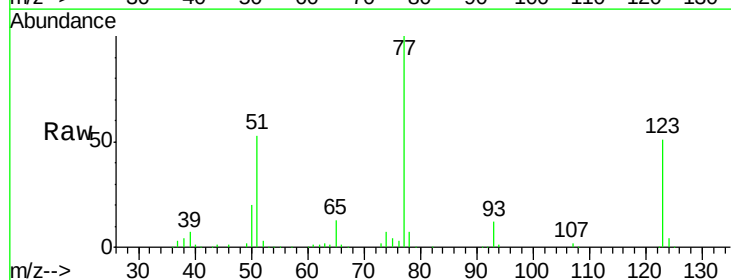


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

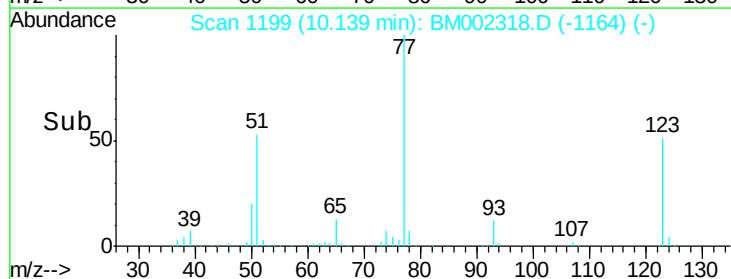
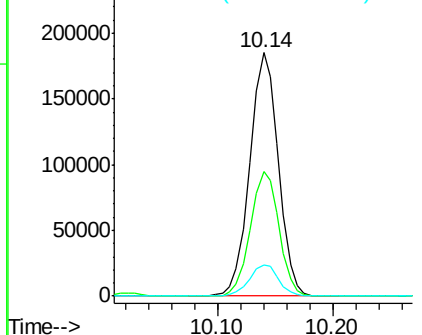


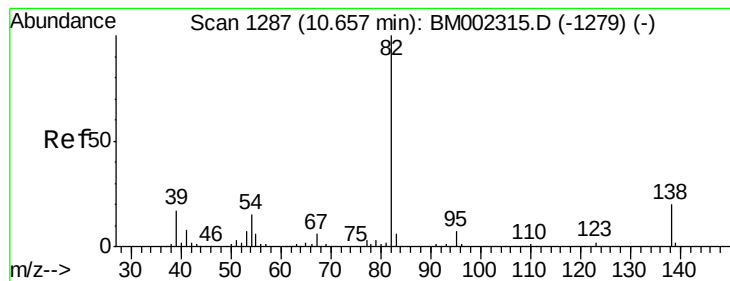
#20  
Nitrobenzene  
Concen: 19.20 ng/ul  
RT: 10.14 min Scan# 1199  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion: 77 Resp: 319861  
Ion Ratio Lower Upper  
77 100  
123 51.4 37.0 55.6  
65 12.8 11.0 16.6



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





#21

Isophorone

Concen: 17.48 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

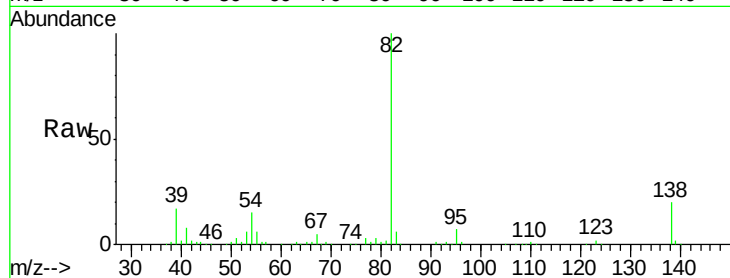
Tot Ion: 82 Resp: 581095

Ion Ratio Lower Upper

82 100

95 7.0 5.9 8.9

138 20.0 15.0 22.4

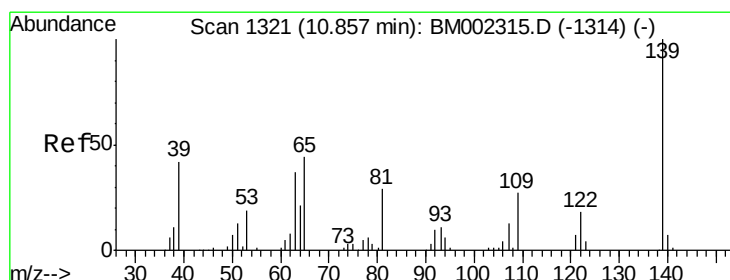
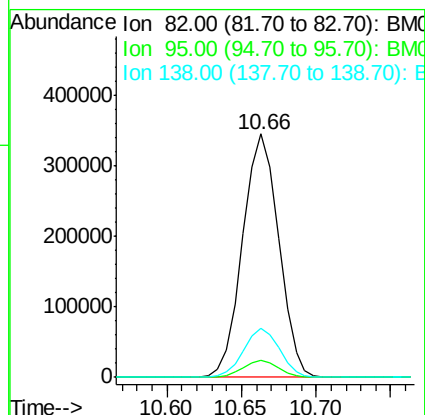
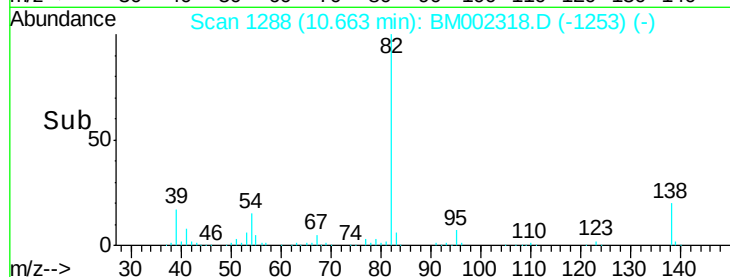


Abundance Ion 82.00 (81.70 to 82.70): BM002315.D (-1279) (-)

Ion 95.00 (94.70 to 95.70): BM002315.D (-1279) (-)

Ion 138.00 (137.70 to 138.70): BM002315.D (-1279) (-)

Time-->



#23

2-Nitrophenol

Concen: 22.83 ng/ul

RT: 10.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

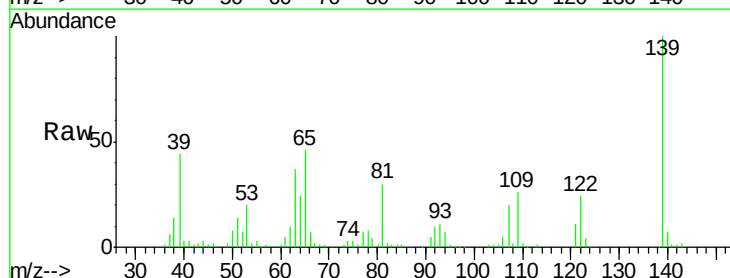
Tgt Ion: 139 Resp: 165038

Ion Ratio Lower Upper

139 100

65 46.5 43.0 64.6

109 25.9 23.8 35.8

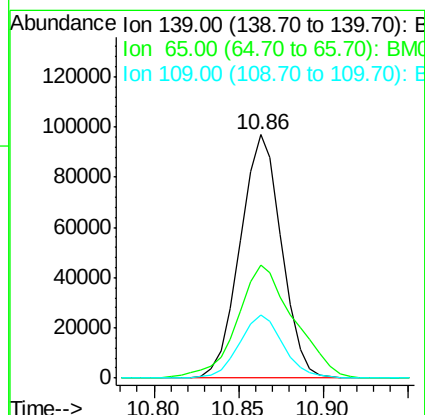
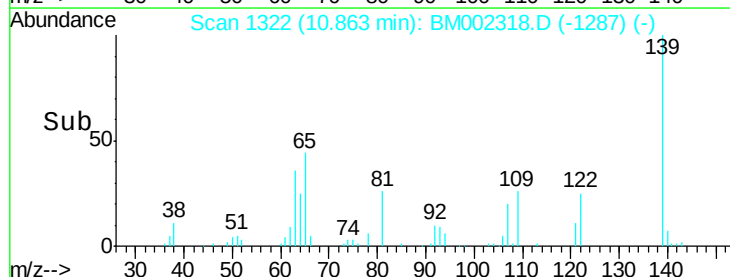


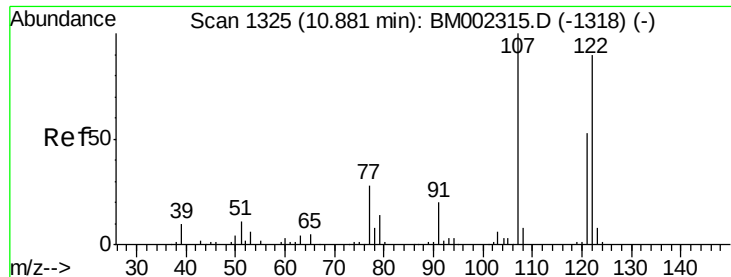
Abundance Ion 139.00 (138.70 to 139.70): BM002315.D (-1314) (-)

Ion 65.00 (64.70 to 65.70): BM002315.D (-1314) (-)

Ion 109.00 (108.70 to 109.70): BM002315.D (-1314) (-)

Time-->

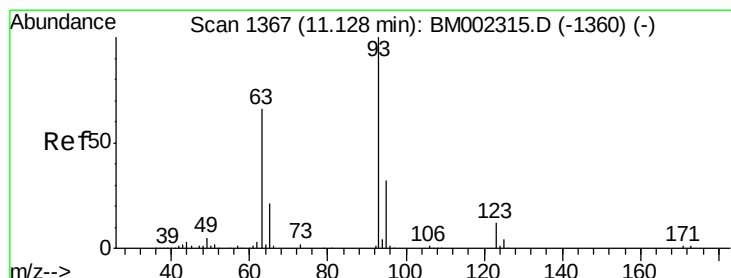
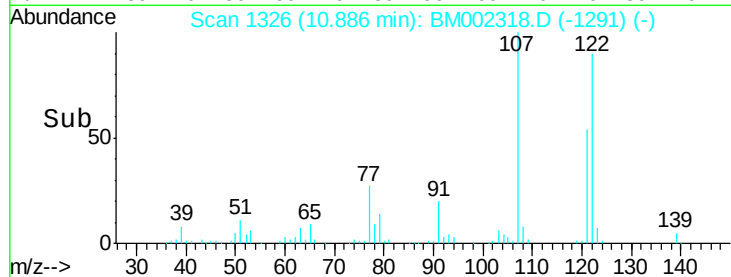
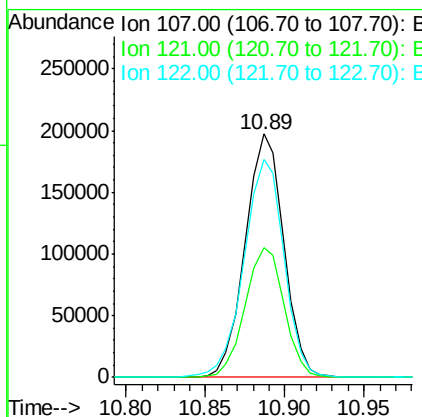
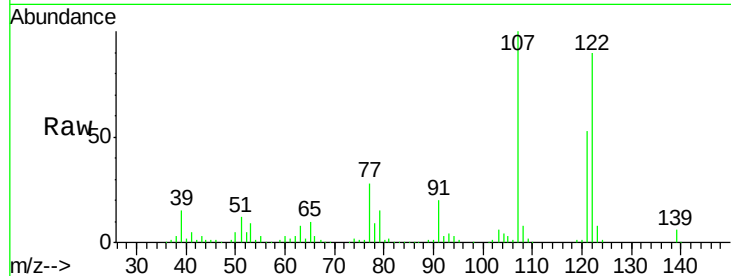




#24  
 2,4-Dimethylphenol  
 Concen: 18.83 ng/ul  
 RT: 10.89 min Scan# 1326  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

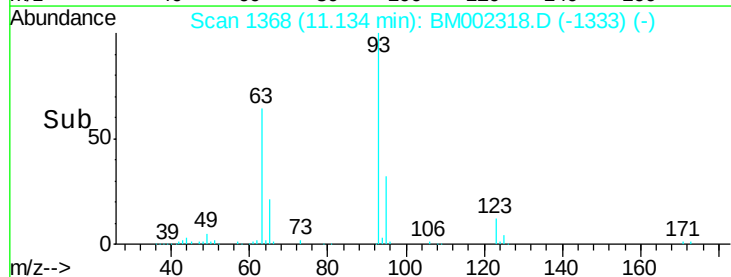
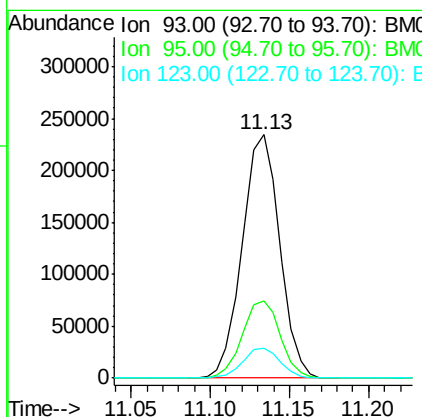
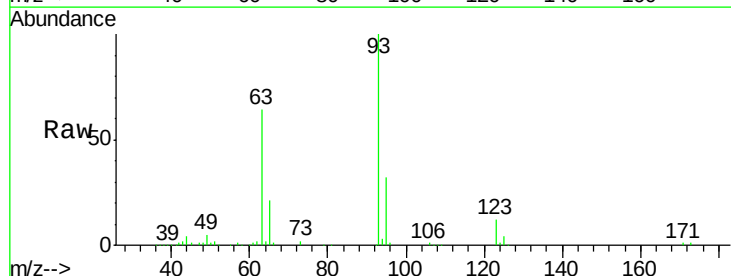
Instrument :  
 BNA\_M  
 ClientSampled :  
 SST02020

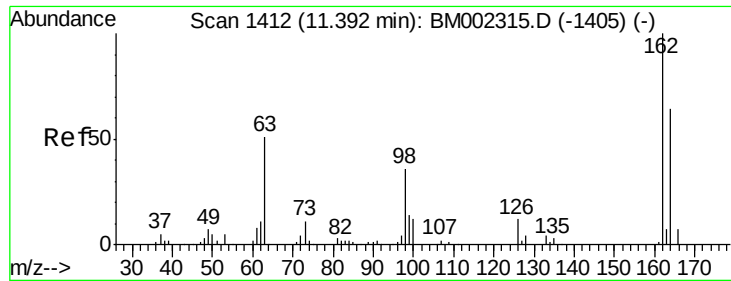
Tot Ion: 107 Resp: 333911  
 Ion Ratio Lower Upper  
 107 100  
 121 53.4 41.8 62.6  
 122 89.7 71.2 106.8



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.73 ng/ul  
 RT: 11.13 min Scan# 1368  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

Tgt Ion: 93 Resp: 385307  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 25.8 38.8  
 123 12.3 9.3 13.9

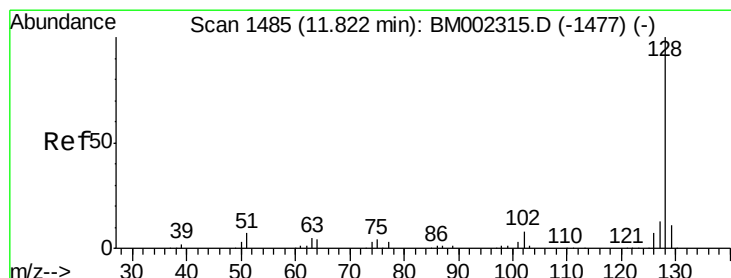
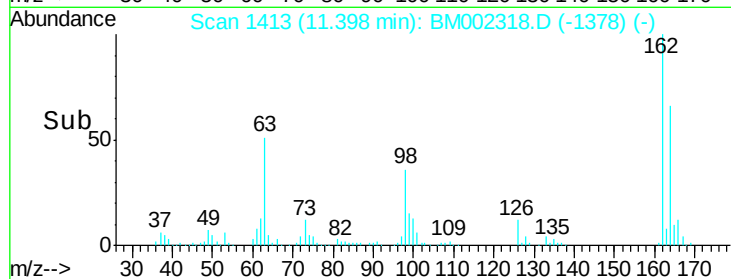
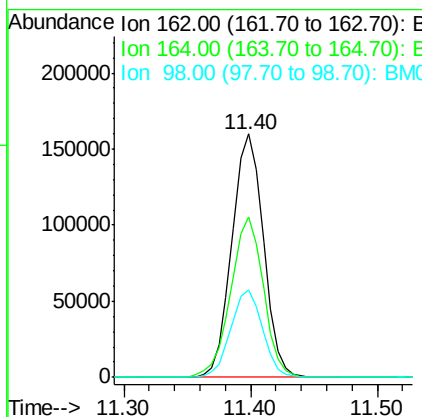
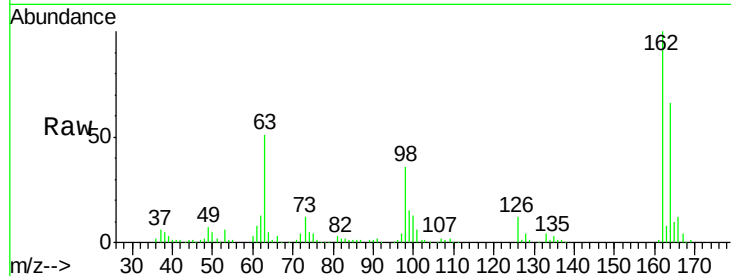




#27  
2,4-Dichlorophenol  
Concen: 20.62 ng/ul  
RT: 11.40 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

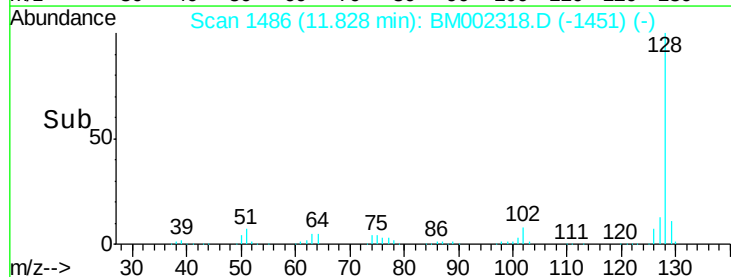
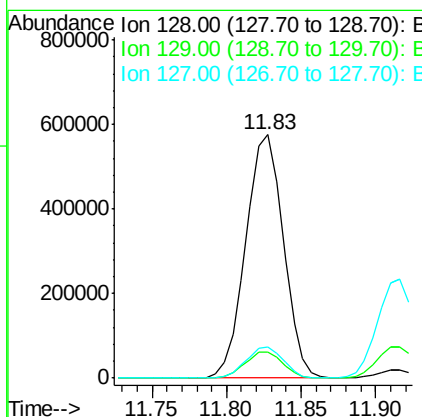
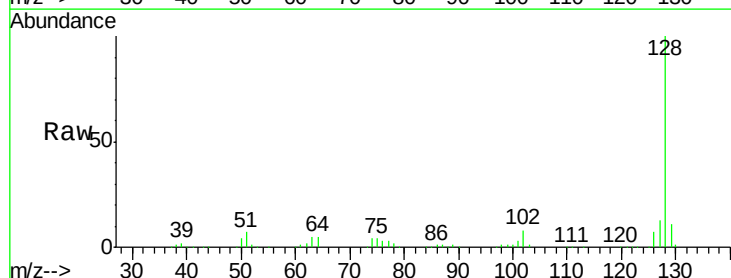
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

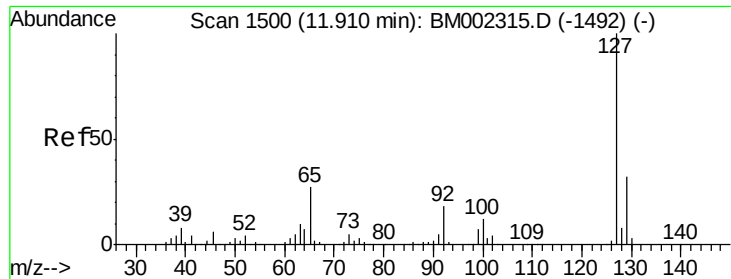
Tot Ion:162 Resp: 276032  
Ion Ratio Lower Upper  
162 100  
164 65.9 52.9 79.3  
98 36.1 31.4 47.0



#28  
Naphthalene  
Concen: 19.92 ng/ul  
RT: 11.83 min Scan# 1486  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:128 Resp: 1004967  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 12.8 10.4 15.6

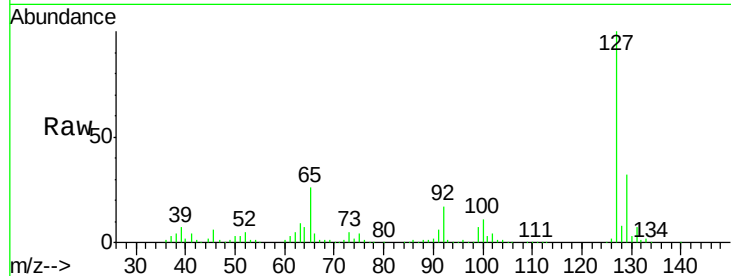




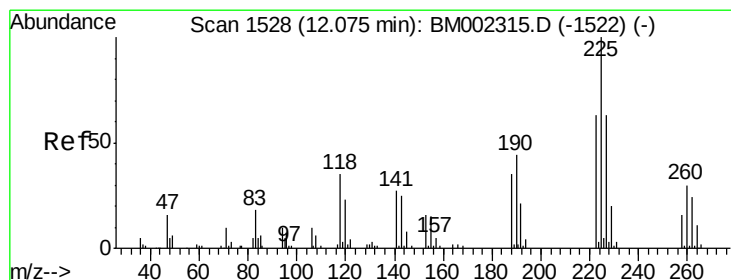
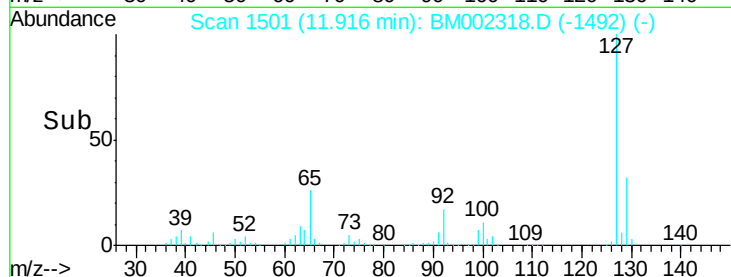
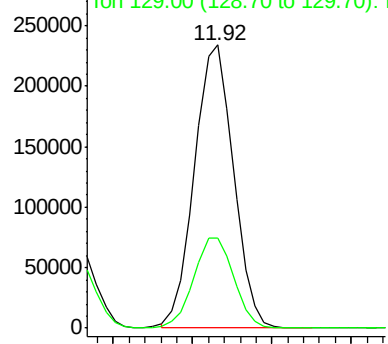
#30  
4-Chloroaniline  
Concen: 21.72 ng/ul  
RT: 11.92 min Scan# 1501  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Tot Ion:127 Resp: 398803  
Ion Ratio Lower Upper  
127 100  
129 32.0 26.6 39.8

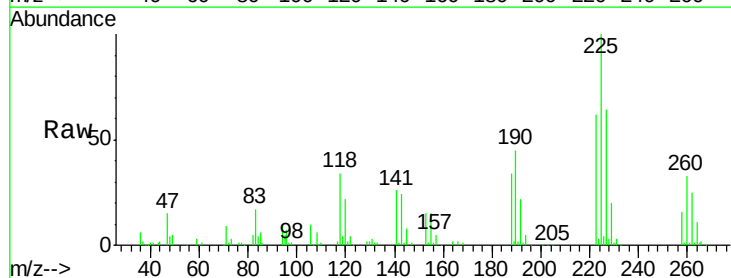


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

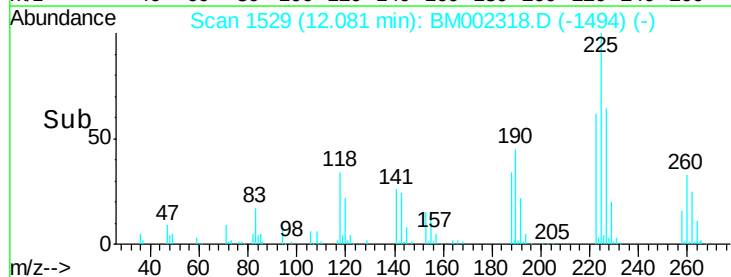
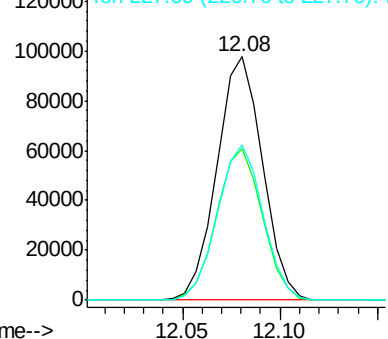


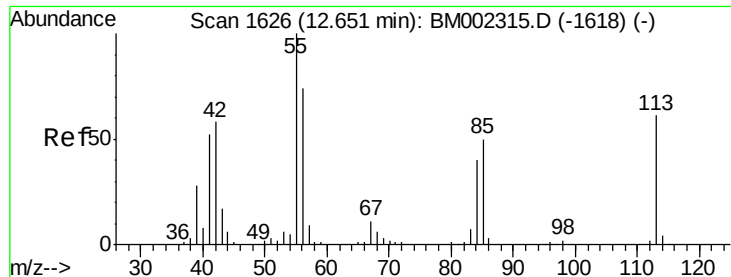
#31  
Hexachlorobutadiene  
Concen: 20.39 ng/ul  
RT: 12.08 min Scan# 1529  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:225 Resp: 157889  
Ion Ratio Lower Upper  
225 100  
223 62.4 51.0 76.4  
227 63.9 52.1 78.1



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





#32

Caprolactam

Concen: 16.53 ng/ul

RT: 12.66 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

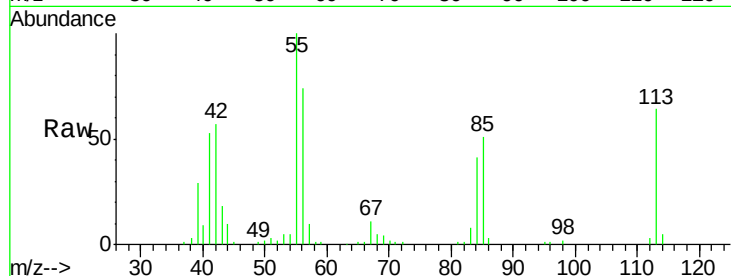
Tot Ion:113 Resp: 91403

Ion Ratio Lower Upper

113 100

55 157.0 152.5 228.7

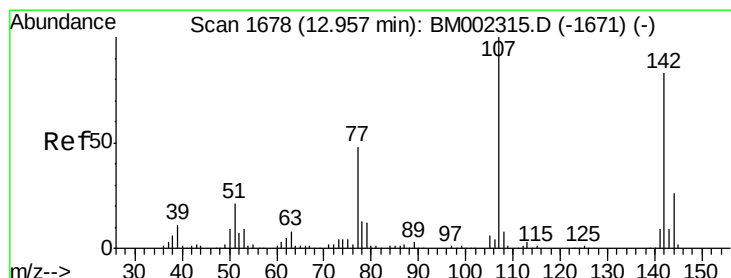
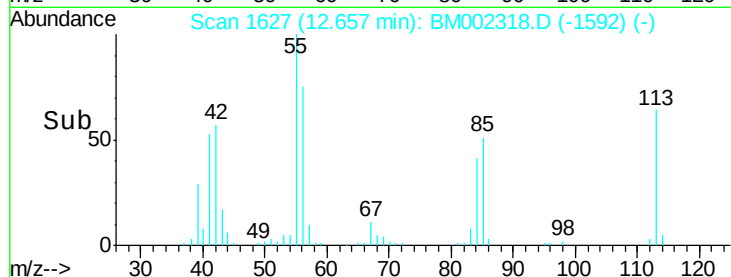
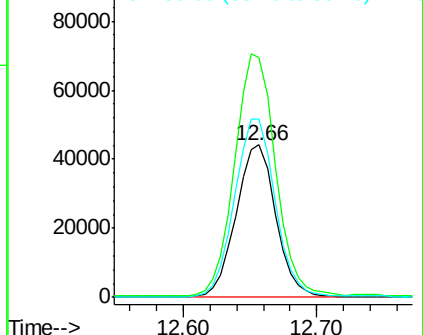
56 116.9 111.4 167.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 17.51 ng/ul

RT: 12.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

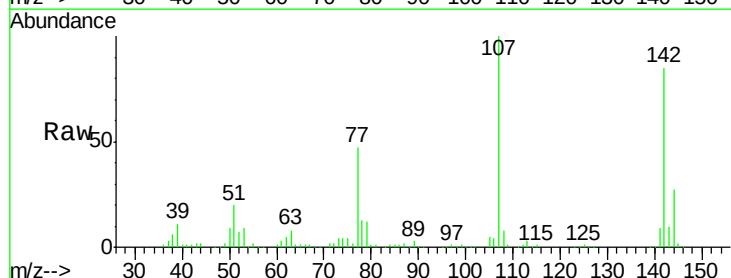
Tgt Ion:107 Resp: 293787

Ion Ratio Lower Upper

107 100

144 27.0 20.3 30.5

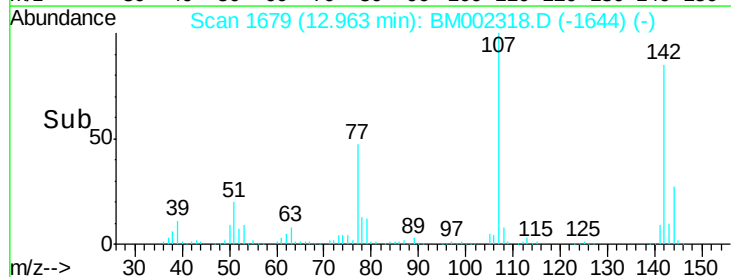
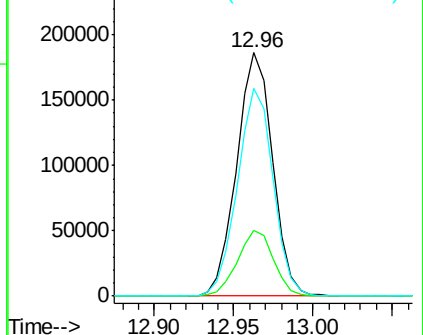
142 85.1 63.1 94.7

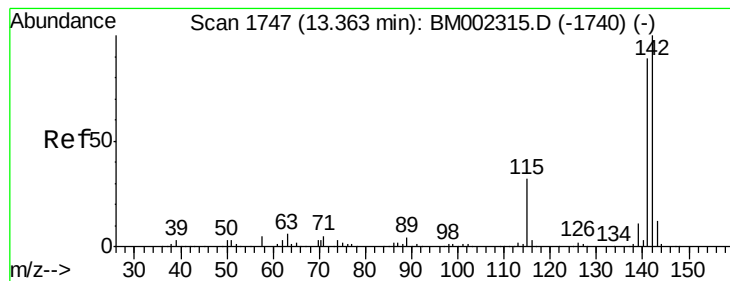


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.20 ng/ul

RT: 13.37 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

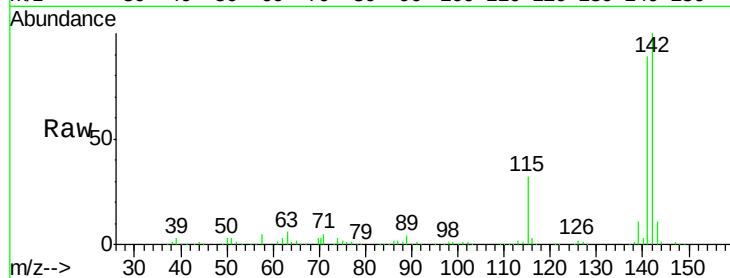
SSTD02020

Tot Ion:142 Resp: 691832

Ion Ratio Lower Upper

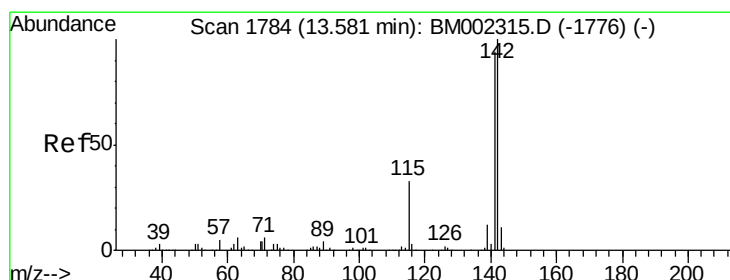
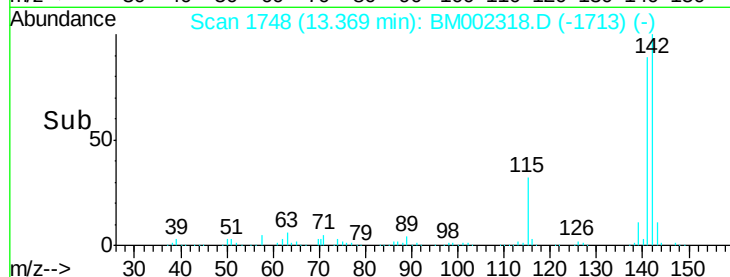
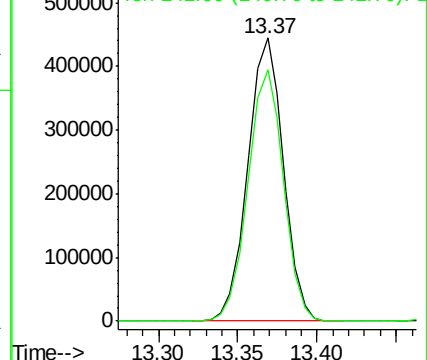
142 100

141 89.0 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 19.07 ng/ul

RT: 13.58 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

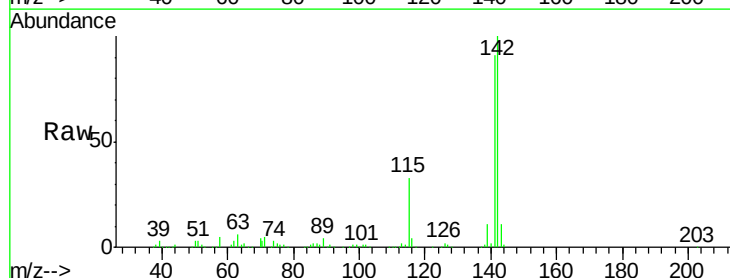
Tgt Ion:142 Resp: 677194

Ion Ratio Lower Upper

142 100

141 91.1 74.5 111.7

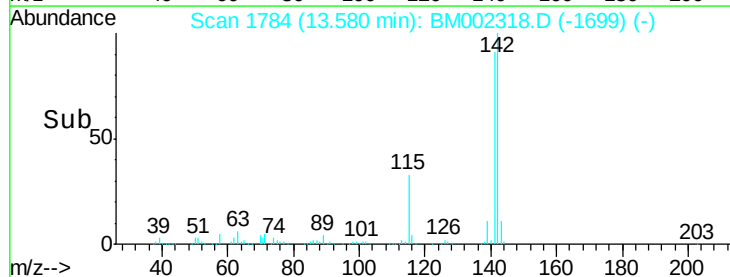
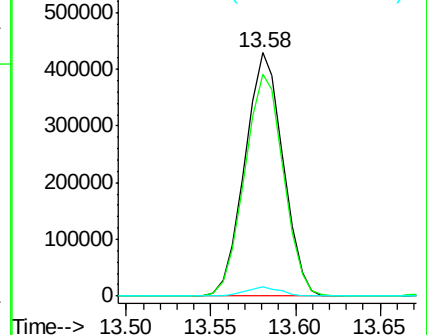
116 3.7 3.0 4.4



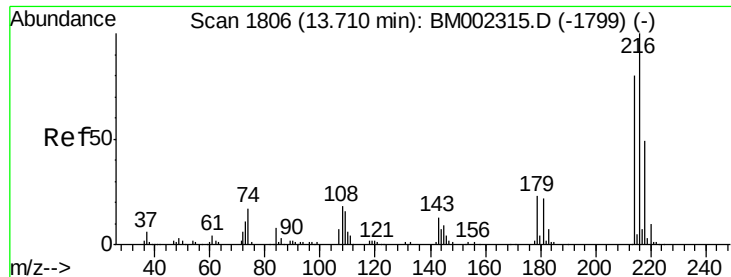
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



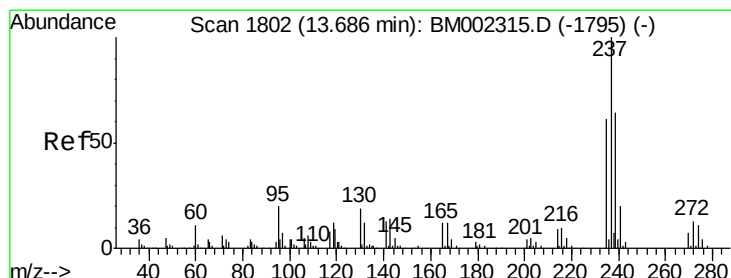
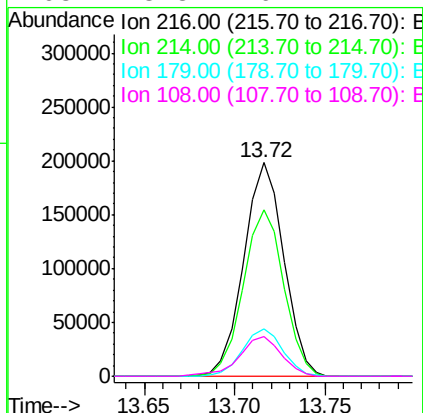
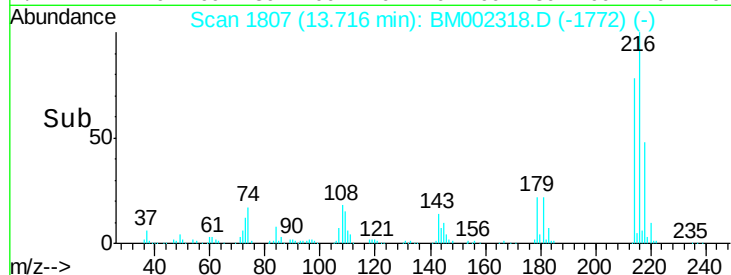
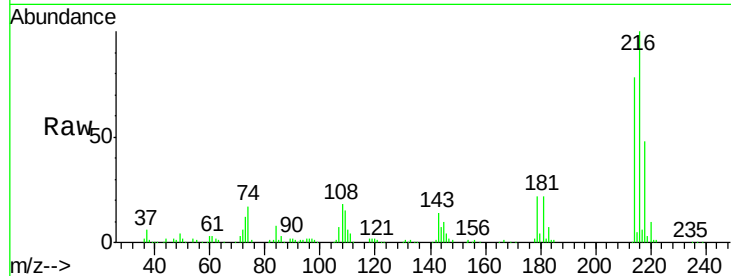




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.24 ng/ul  
 RT: 13.72 min Scan# 1807  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

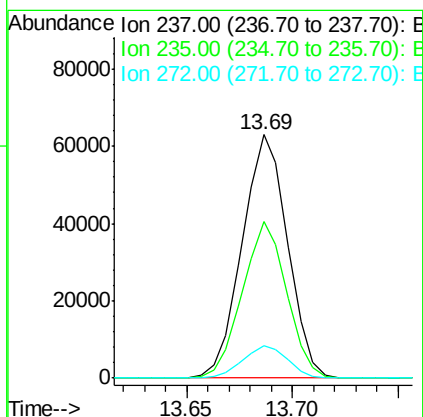
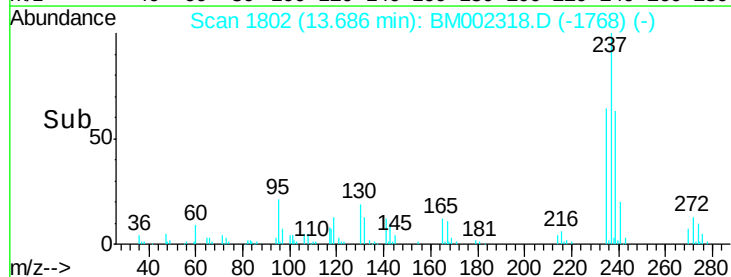
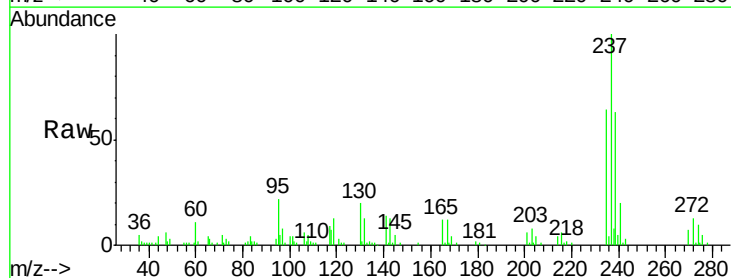
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

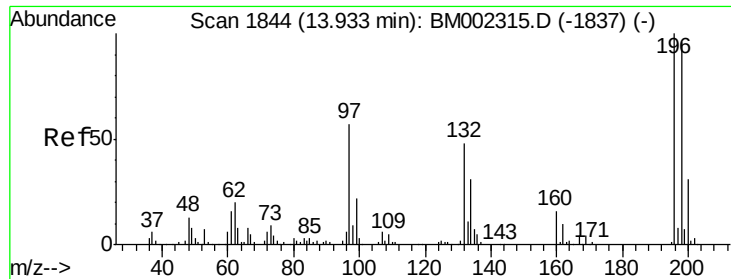
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 305010 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.0  | 63.1  | 94.7   |
| 179      | 22.4  | 18.9  | 28.3   |
| 108      | 18.3  | 16.1  | 24.1   |



#38  
 Hexachlorocyclopentadiene  
 Concen: 11.56 ng/ul  
 RT: 13.69 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 93883 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 64.1  | 51.0  | 76.6  |
| 272      | 14.0  | 10.8  | 16.2  |

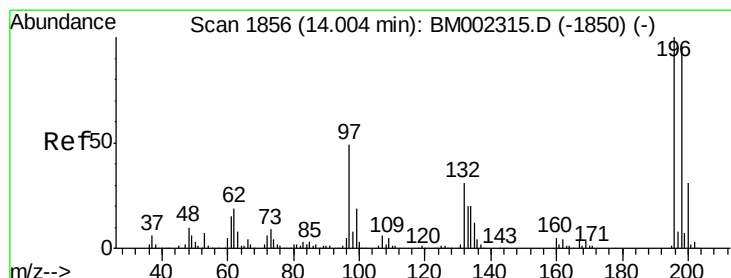
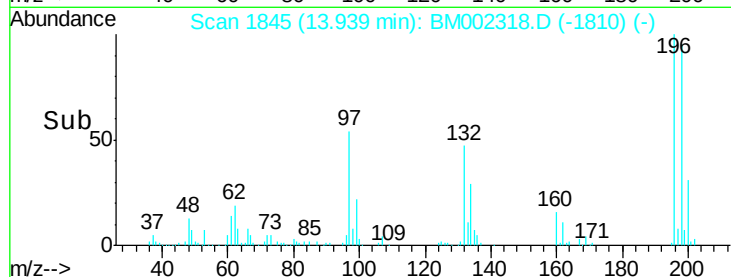
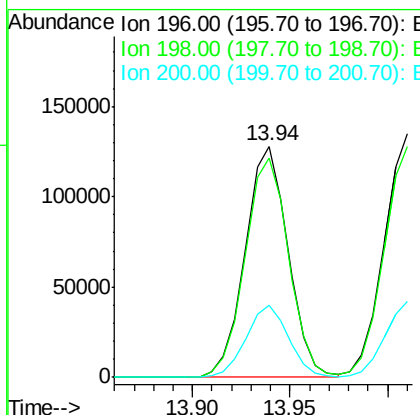
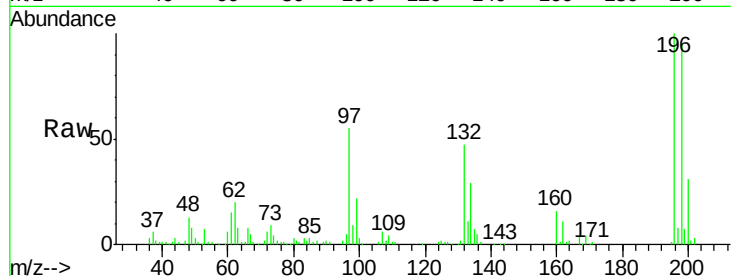




#39  
 2,4,6-Trichlorophenol  
 Concen: 22.83 ng/ul  
 RT: 13.94 min Scan# 1845  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

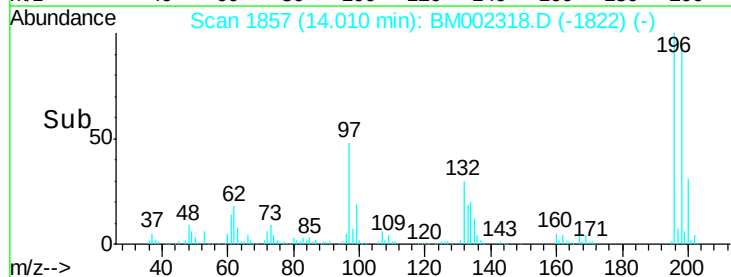
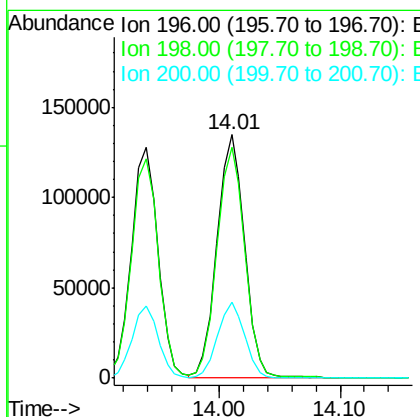
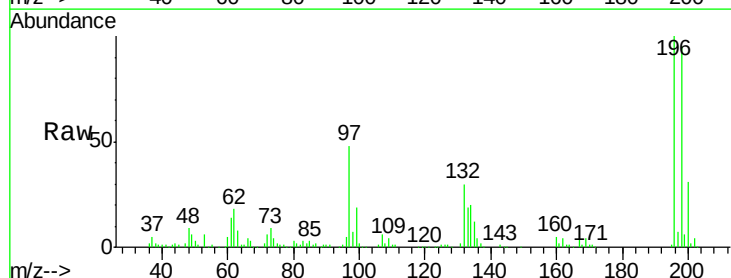
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

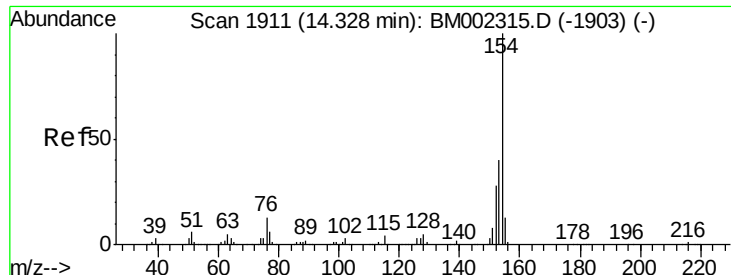
Tot Ion:196 Resp: 195117  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 77.1 115.7  
 200 31.2 24.8 37.2



#40  
 2,4,5-Trichlorophenol  
 Concen: 22.08 ng/ul  
 RT: 14.01 min Scan# 1857  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

Tgt Ion:196 Resp: 211704  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 78.6 117.8  
 200 31.0 25.0 37.4

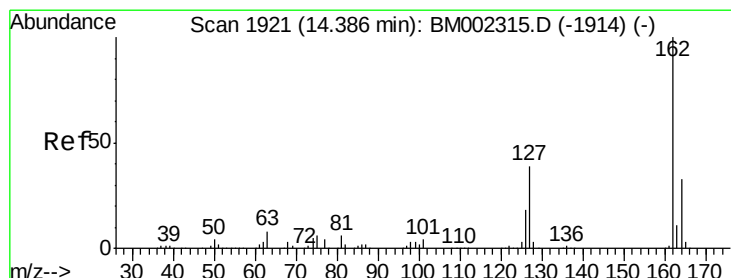
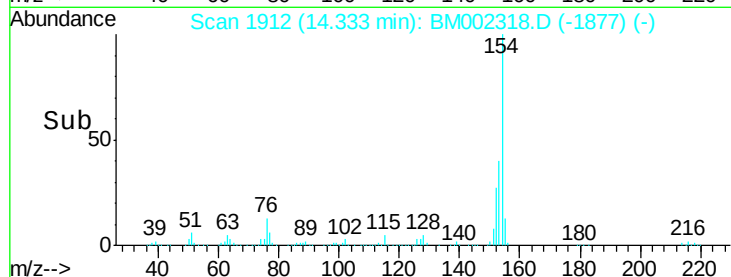
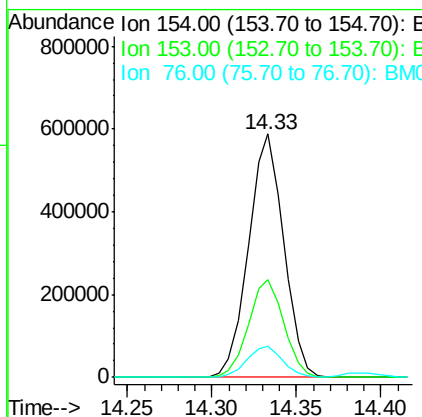
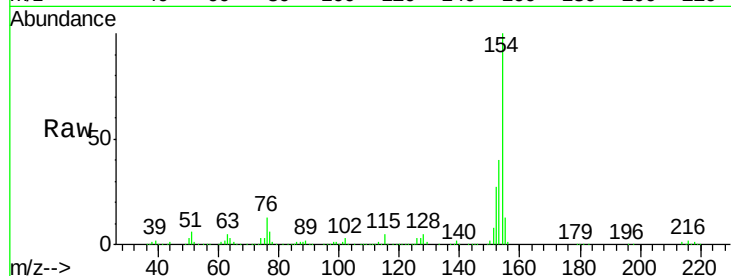




#41  
1,1'-Biphenyl  
Concen: 21.15 ng/ul  
RT: 14.33 min Scan# 1912  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

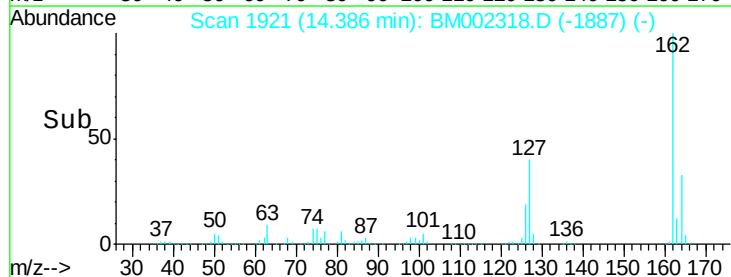
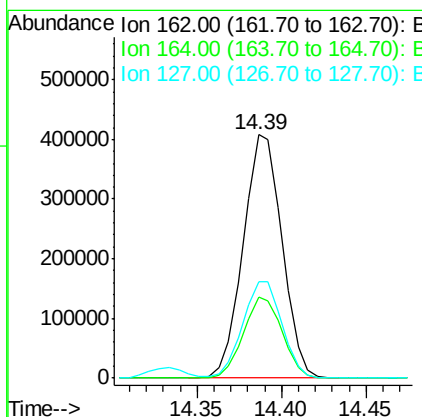
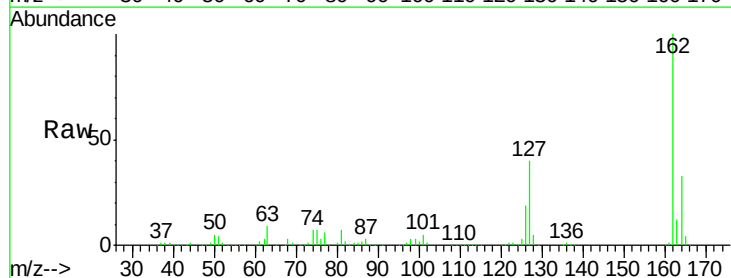
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

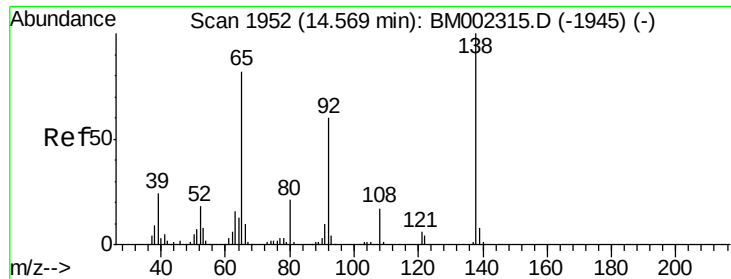
Tot Ion:154 Resp: 854325  
Ion Ratio Lower Upper  
154 100  
153 40.3 32.1 48.1  
76 12.7 11.0 16.4



#42  
2-Chloronaphthalene  
Concen: 21.29 ng/ul  
RT: 14.39 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:162 Resp: 653737  
Ion Ratio Lower Upper  
162 100  
164 33.0 26.7 40.1  
127 39.7 33.6 50.4

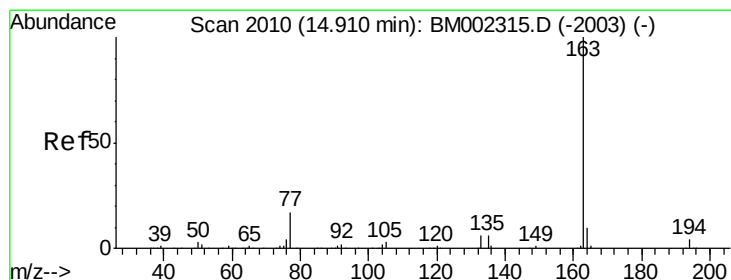
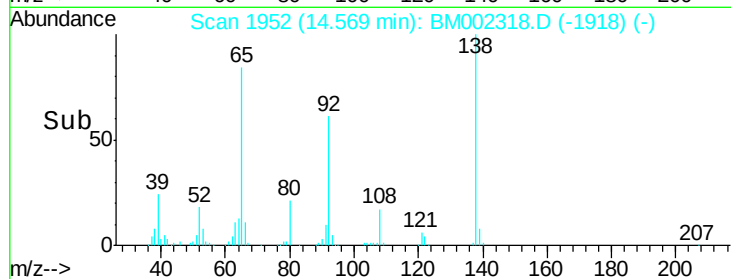
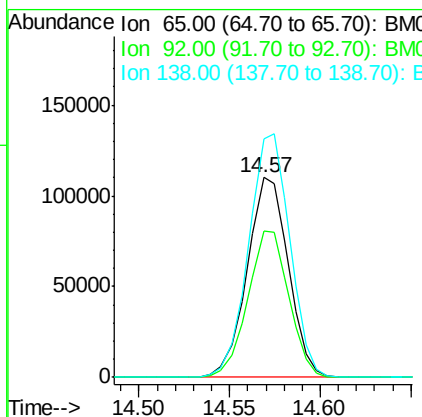
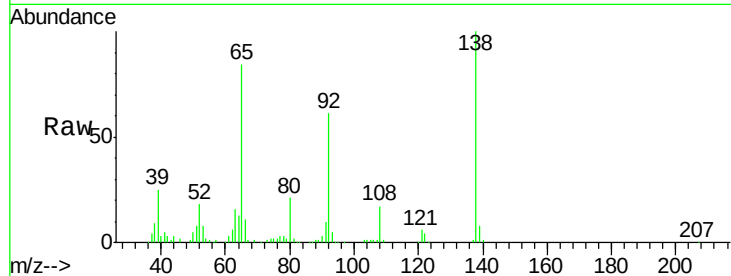




#43  
2-Nitroaniline  
Concen: 18.65 ng/ul  
RT: 14.57 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

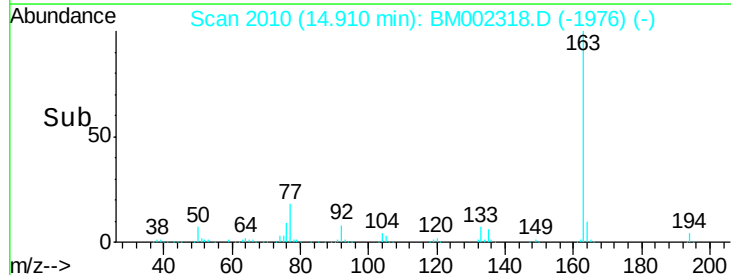
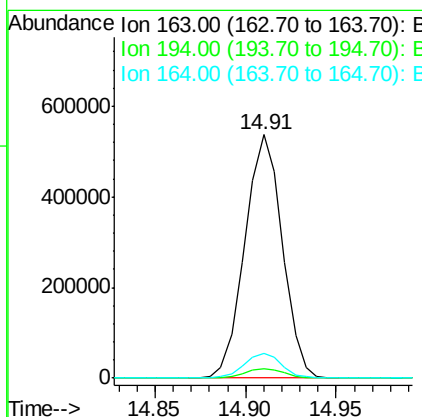
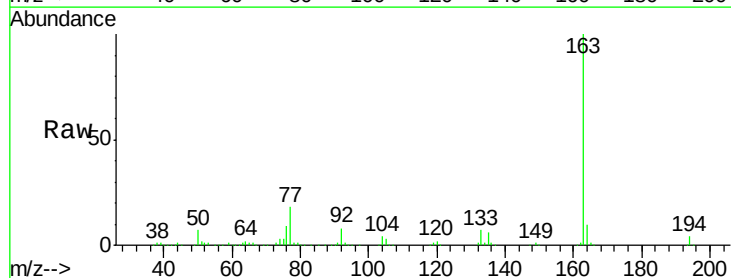
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

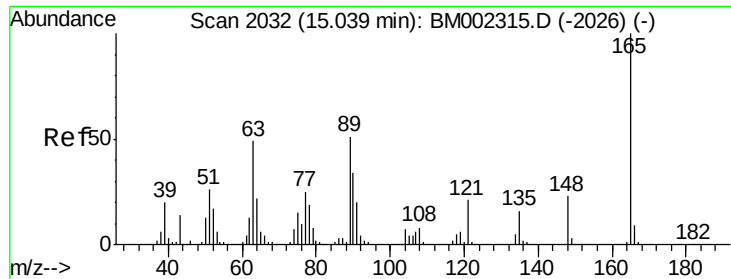
Tot Ion: 65 Resp: 173688  
Ion Ratio Lower Upper  
65 100  
92 73.5 54.0 81.0  
138 119.7 83.1 124.7



#45  
Dimethylphthalate  
Concen: 19.24 ng/ul  
RT: 14.91 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion: 163 Resp: 771887  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.2 7.9 11.9

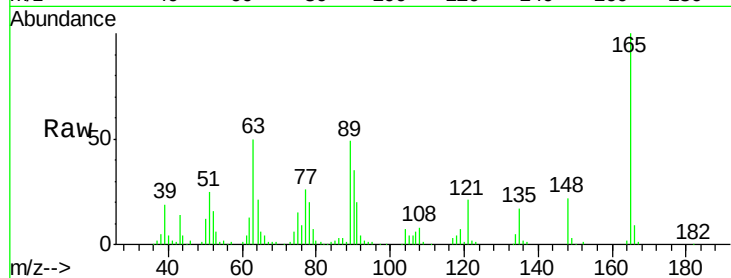




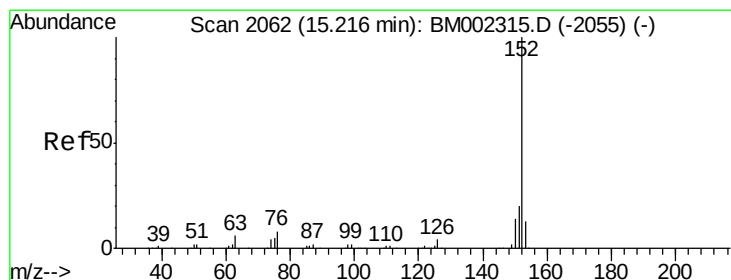
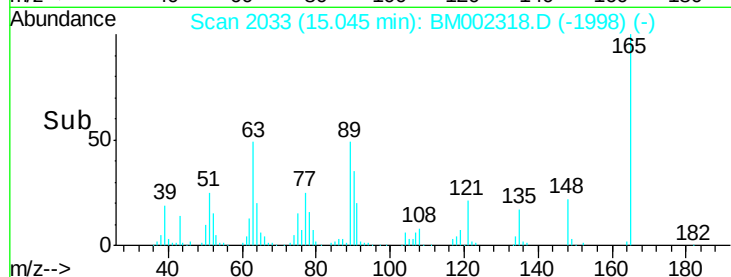
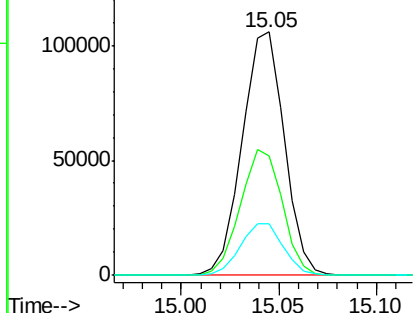
#46  
2,6-Dinitrotoluene  
Concen: 21.08 ng/ul  
RT: 15.05 min Scan# 2033  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 49.2  | 46.6  | 69.8  |
| 121     | 21.1  | 19.0  | 28.4  |

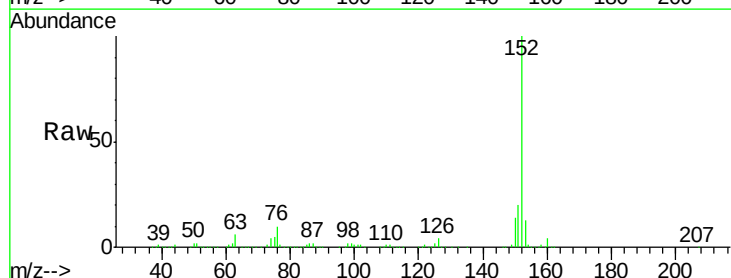


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 121.00 (120.70 to 121.70): E

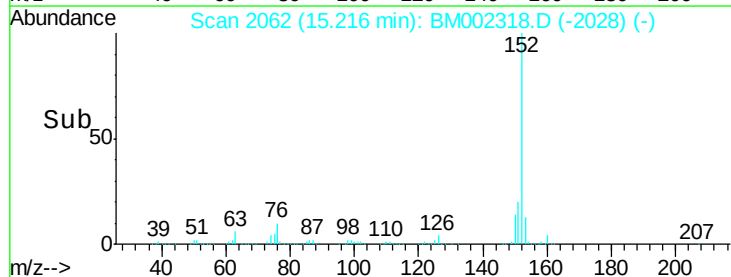
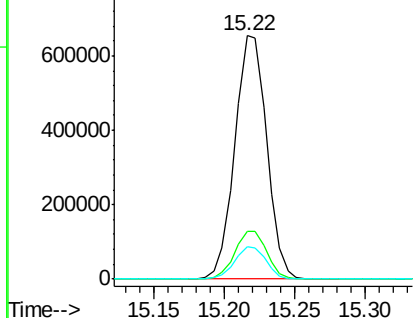


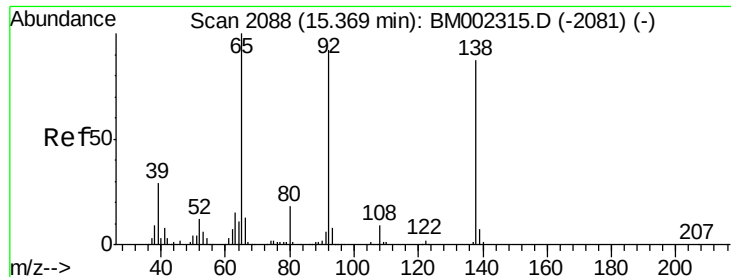
#48  
Acenaphthylene  
Concen: 20.10 ng/ul  
RT: 15.22 min Scan# 2062  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 15.9  | 23.9  |
| 153     | 13.2  | 10.6  | 15.8  |



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 22.69 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

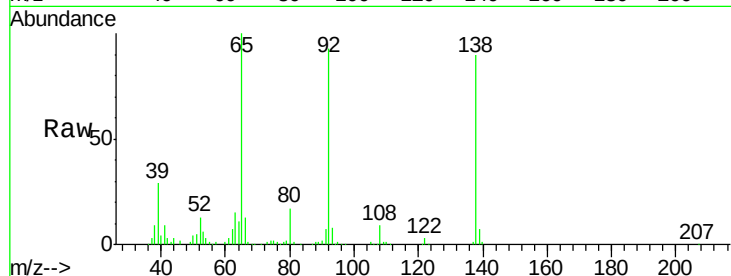
Tot Ion:138 Resp: 184438

Ion Ratio Lower Upper

138 100

108 10.1 11.7 17.5#

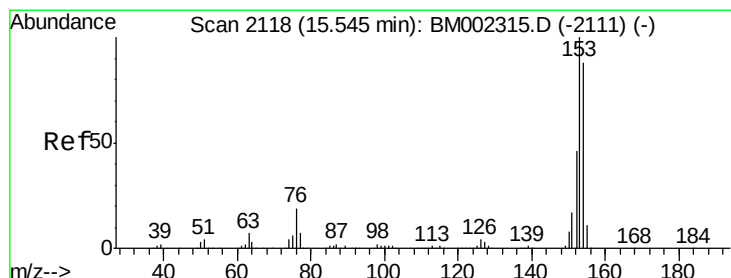
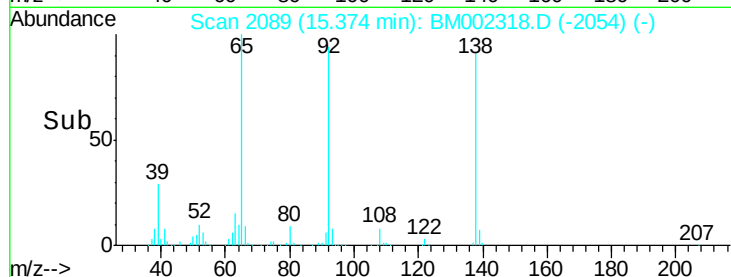
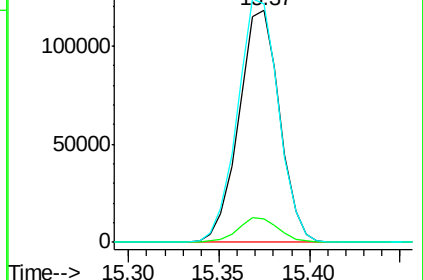
92 103.1 94.3 141.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50

Acenaphthene

Concen: 20.00 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

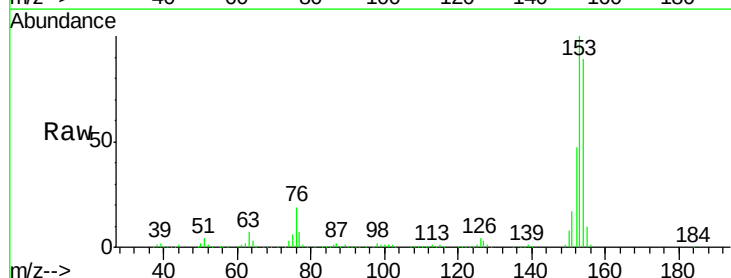
Tgt Ion:153 Resp: 691244

Ion Ratio Lower Upper

153 100

152 46.9 36.6 55.0

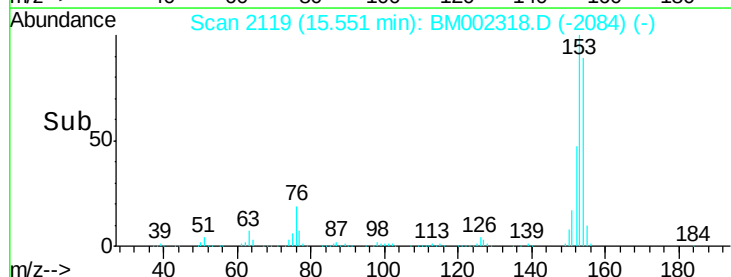
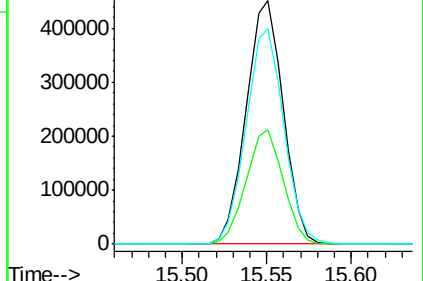
154 88.6 71.5 107.3

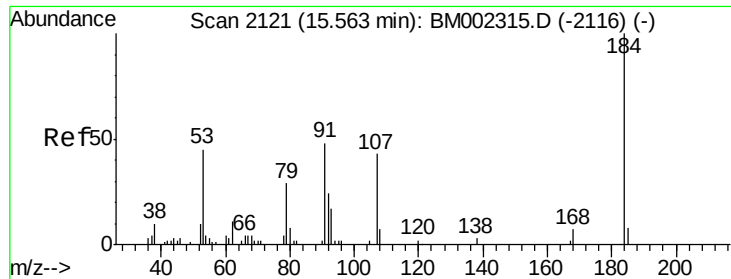


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

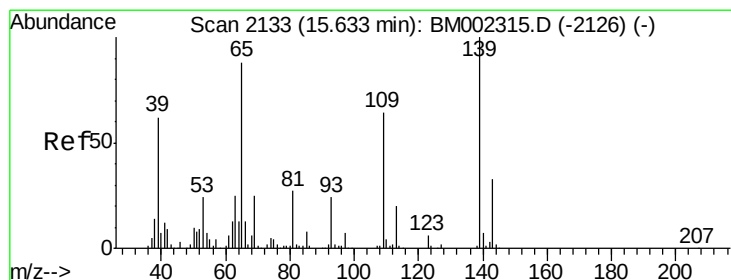
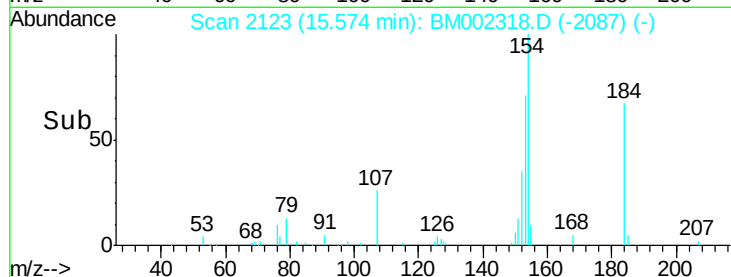
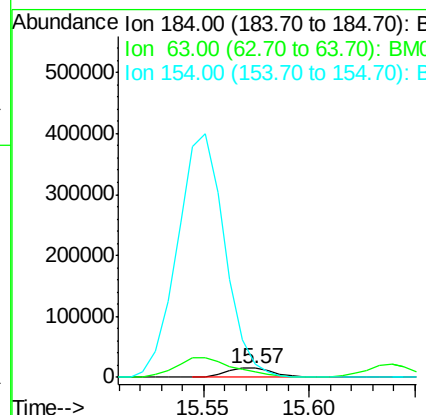
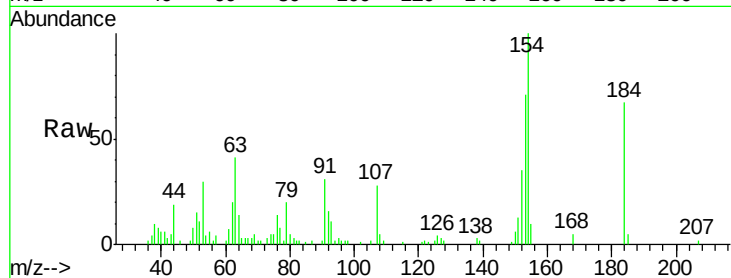




#51  
 2,4-Dinitrophenol  
 Concen: 8.95 ng/ul  
 RT: 15.57 min Scan# 2123  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

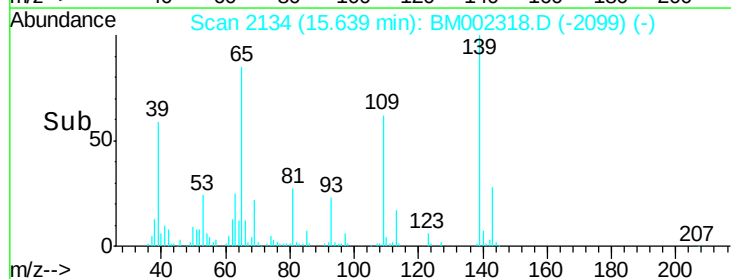
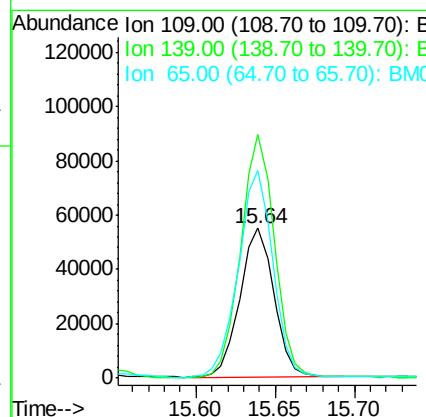
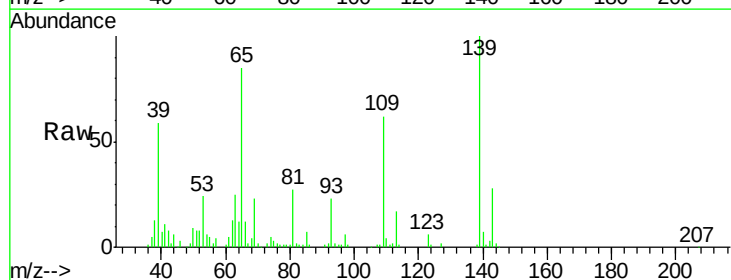
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

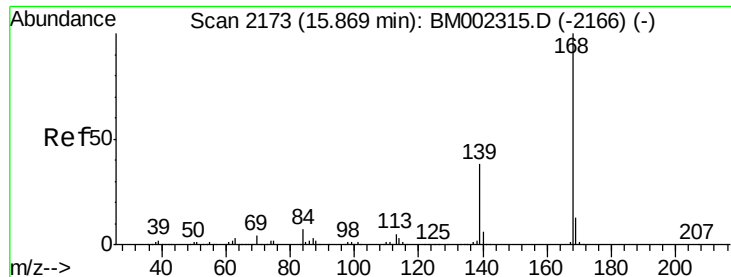
Tot Ion:184 Resp: 23200  
 Ion Ratio Lower Upper  
 184 100  
 63 61.9 94.8 142.2#  
 154 149.3 525.6 788.4#



#53  
 4-Nitrophenol  
 Concen: 15.79 ng/ul  
 RT: 15.64 min Scan# 2134  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

Tgt Ion:109 Resp: 82229  
 Ion Ratio Lower Upper  
 109 100  
 139 162.2 118.7 178.1  
 65 138.2 116.6 174.8





#54

Dibenzofuran

Concen: 19.91 ng/ul

RT: 15.87 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

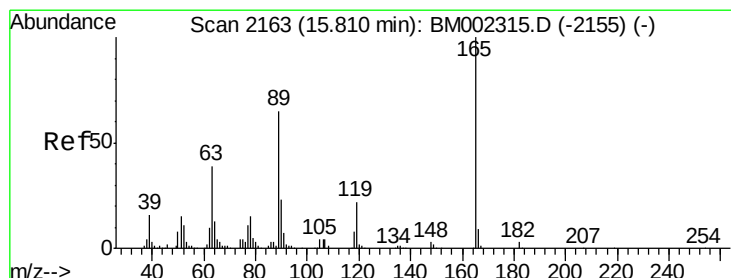
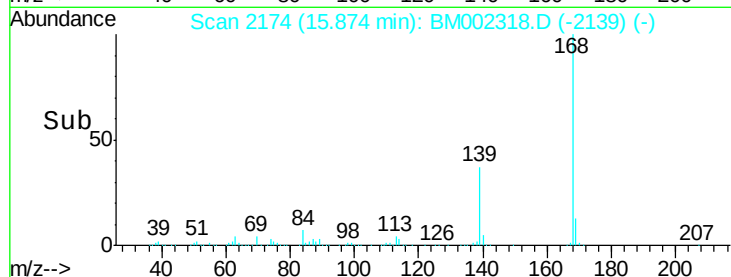
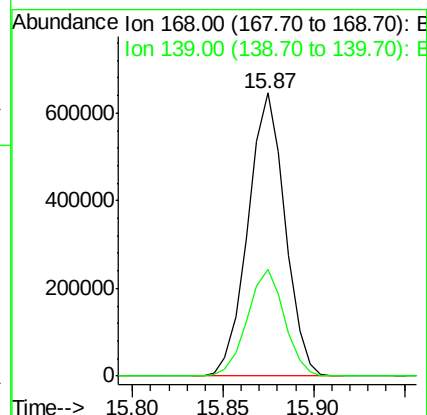
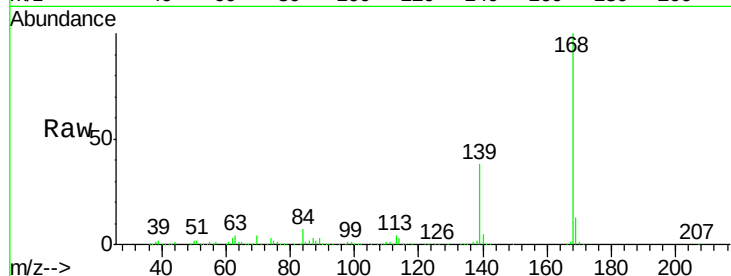
SSTD02020

Tot Ion:168 Resp: 918120

Ion Ratio Lower Upper

168 100

139 37.5 31.3 46.9



#55

2,4-Dinitrotoluene

Concen: 19.96 ng/ul

RT: 15.82 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

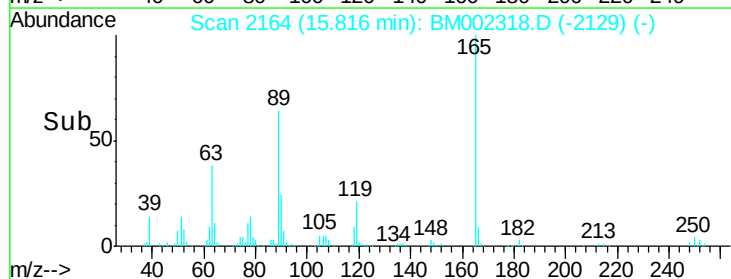
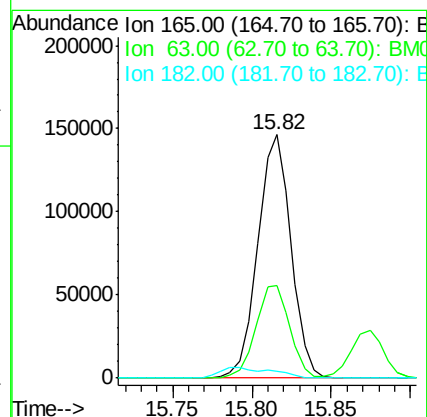
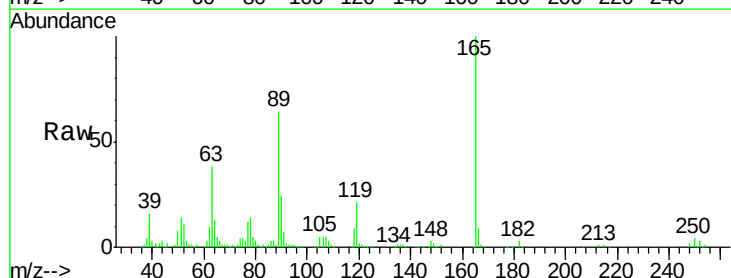
Tgt Ion:165 Resp: 212803

Ion Ratio Lower Upper

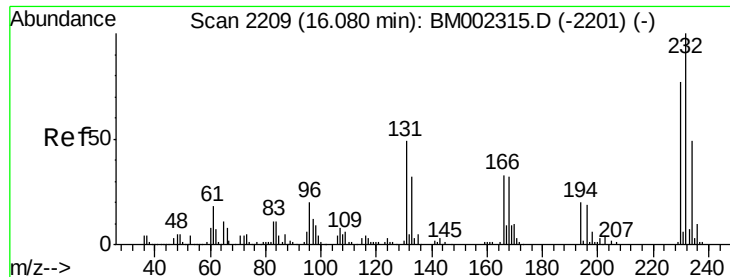
165 100

63 38.3 35.9 53.9

182 2.9 2.5 3.7







#56

2,3,4,6-Tetrachlorophenol

Concen: 20.65 ng/ul

RT: 16.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

Tot Ion:232 Resp: 150616

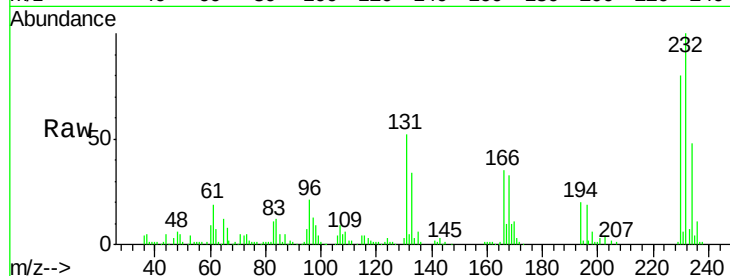
Ion Ratio Lower Upper

232 100

131 51.9 42.2 63.4

130 2.7 2.2 3.4

166 35.1 27.9 41.9

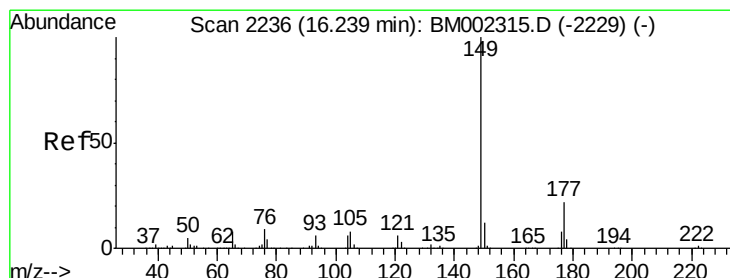
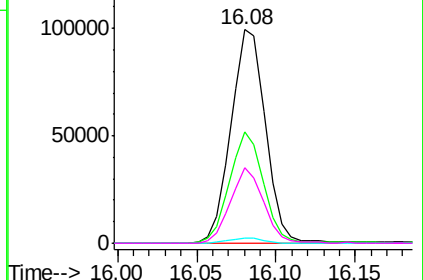
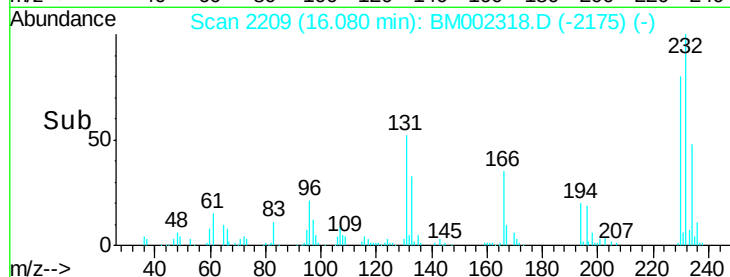


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 18.11 ng/ul

RT: 16.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

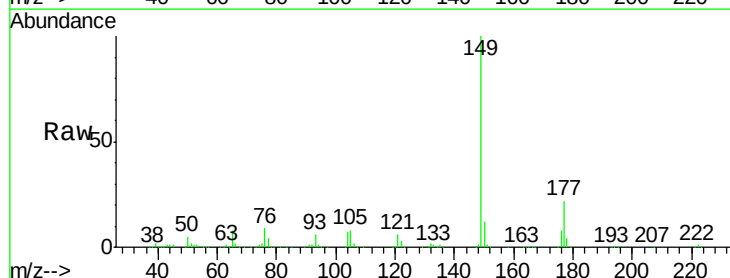
Tgt Ion:149 Resp: 777196

Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

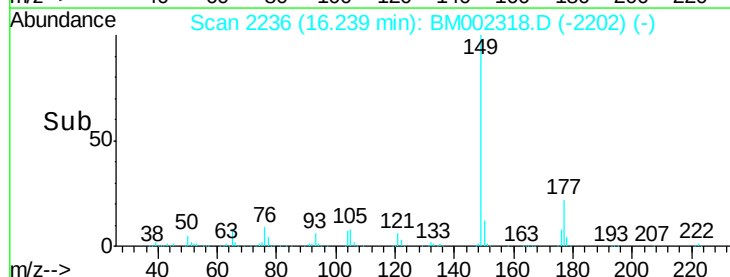
150 12.3 9.9 14.9



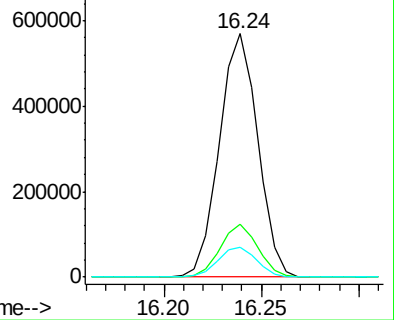
Abundance Ion 149.00 (148.70 to 149.70): E

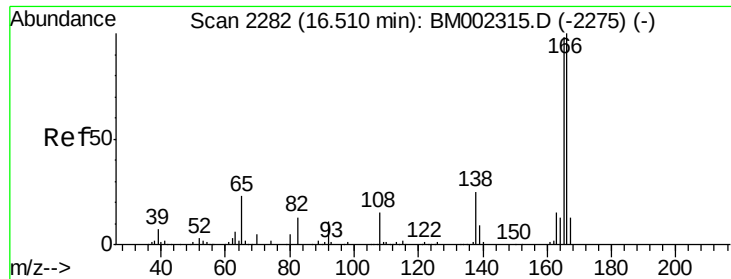
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





#59

Fluorene

Concen: 19.23 ng/ul

RT: 16.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

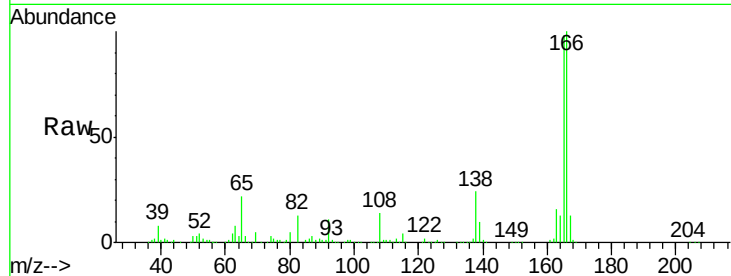
Tot Ion:166 Resp: 748661

Ion Ratio Lower Upper

166 100

165 98.0 77.5 116.3

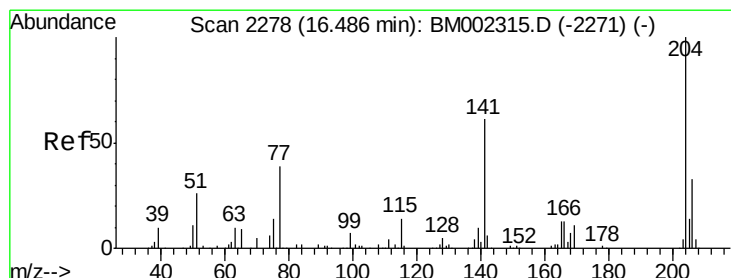
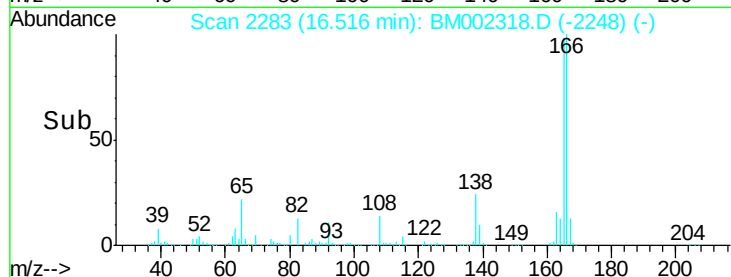
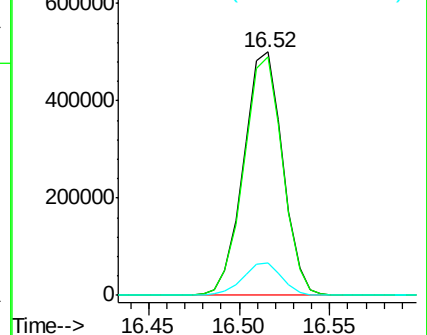
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.81 ng/ul

RT: 16.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

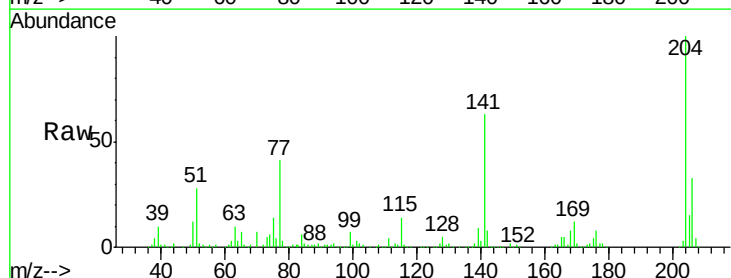
Tgt Ion:204 Resp: 353513

Ion Ratio Lower Upper

204 100

206 33.0 26.0 39.0

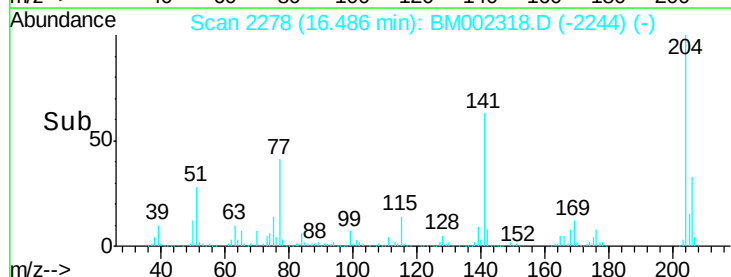
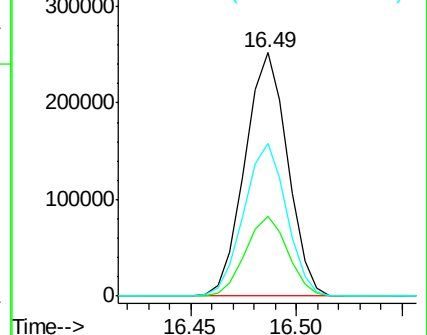
141 62.9 53.7 80.5

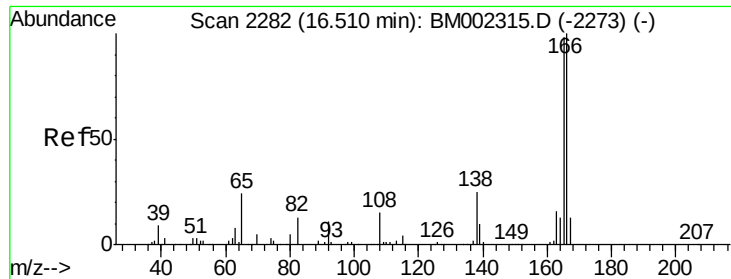


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

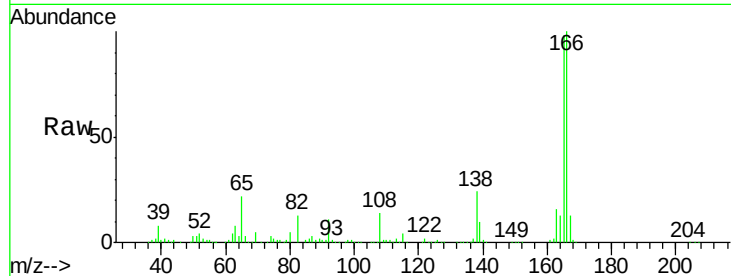




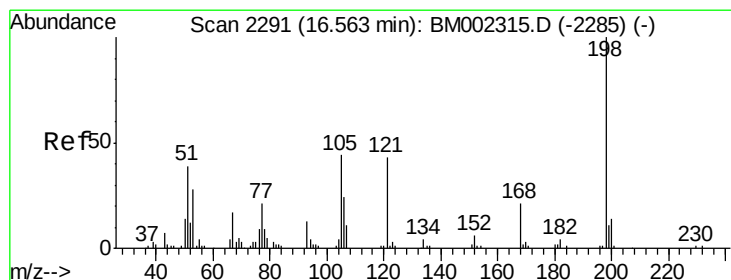
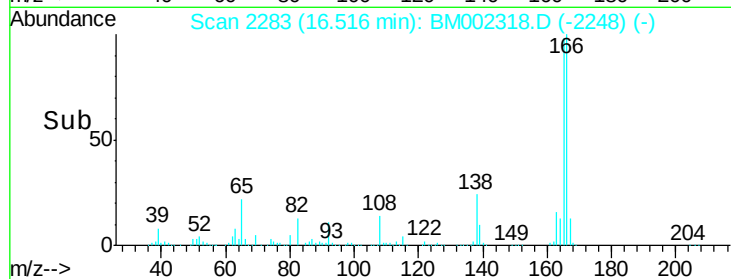
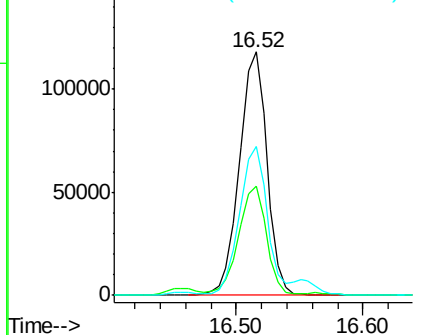
#61  
4-Nitroaniline  
Concen: 18.98 ng/ul  
RT: 16.52 min Scan# 2283  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

Tot Ion:138 Resp: 178474  
Ion Ratio Lower Upper  
138 100  
92 44.8 40.4 60.6  
108 61.2 56.2 84.2

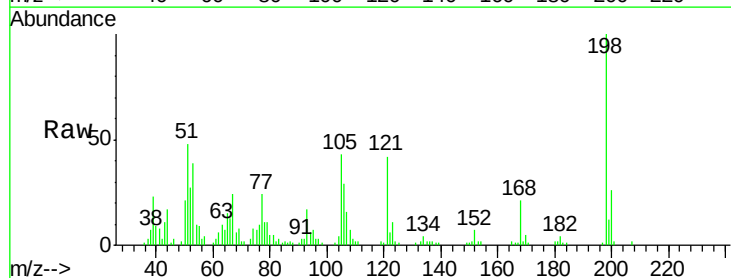


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM  
Ion 108.00 (107.70 to 108.70): E

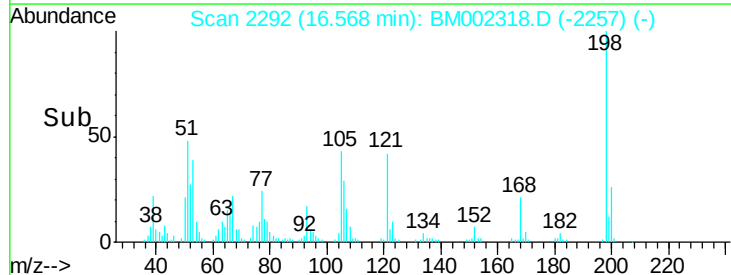
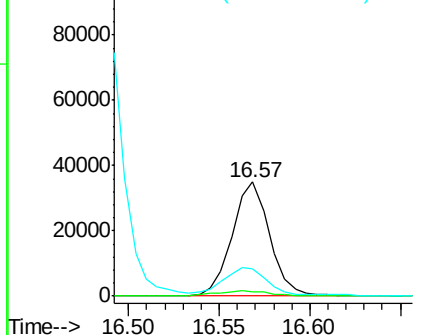


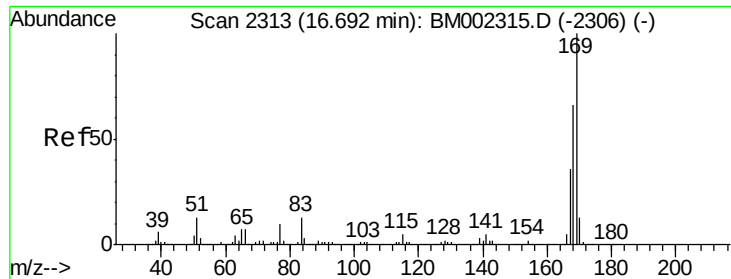
#64  
4,6-Dinitro-2-methylphenol  
Concen: 13.21 ng/ul  
RT: 16.57 min Scan# 2292  
Delta R.T. 0.01 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:198 Resp: 50557  
Ion Ratio Lower Upper  
198 100  
182 4.1 3.7 5.5  
77 24.4 24.2 36.4



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

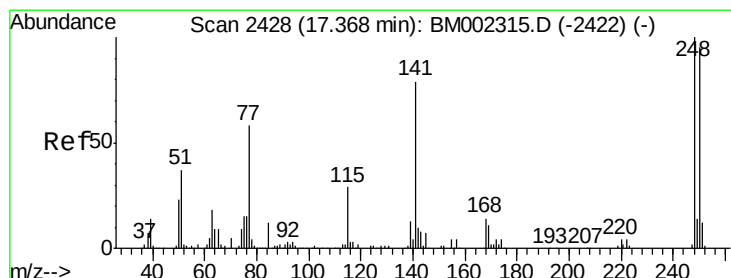
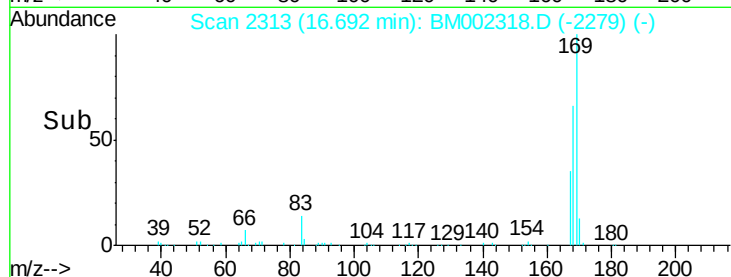
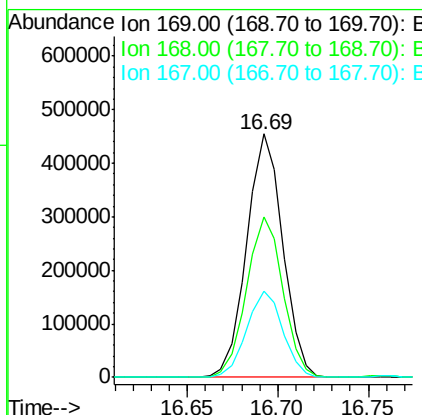
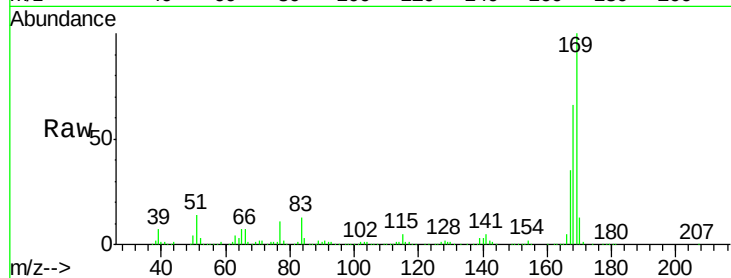




#65  
N-Nitrosodiphenylamine  
Concen: 22.10 ng/ul  
RT: 16.69 min Scan# 2313  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

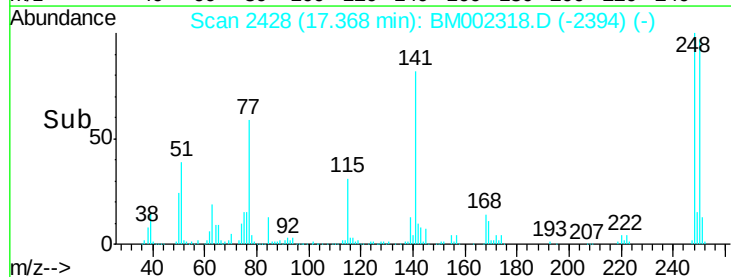
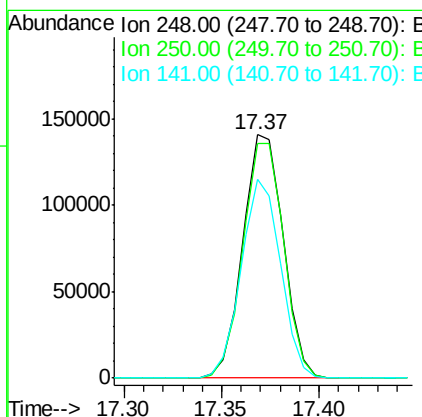
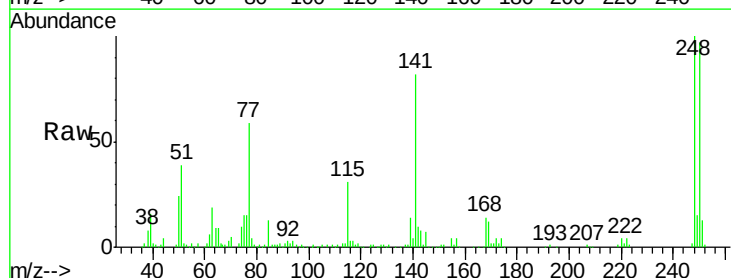
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02020

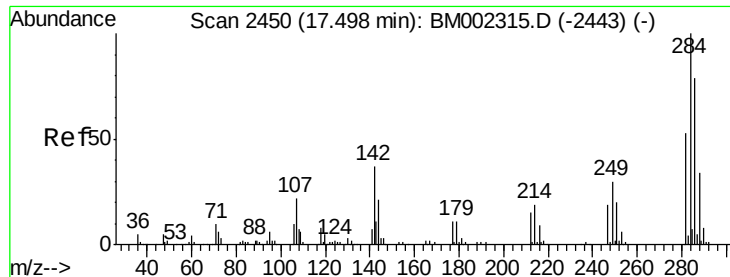
Tot Ion:169 Resp: 628323  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.4 80.2  
167 35.4 28.8 43.2



#66  
4-Bromophenyl-phenylether  
Concen: 22.32 ng/ul  
RT: 17.37 min Scan# 2428  
Delta R.T. -0.00 min  
Lab File: BM002318.D  
Acq: 10 Aug 2015 18:42

Tgt Ion:248 Resp: 202255  
Ion Ratio Lower Upper  
248 100  
250 96.5 78.5 117.7  
141 81.7 66.2 99.4





#67

Hexachlorobenzene

Concen: 21.16 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

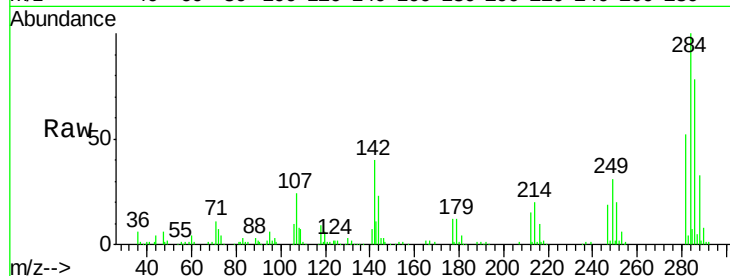
Tot Ion:284 Resp: 218421

Ion Ratio Lower Upper

284 100

142 39.8 30.2 45.4

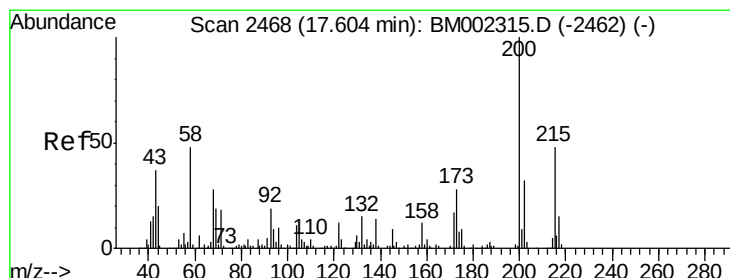
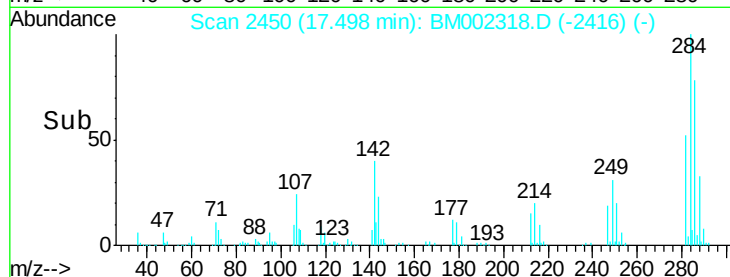
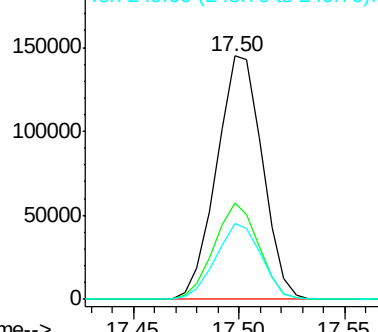
249 31.0 24.6 36.8



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 20.76 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

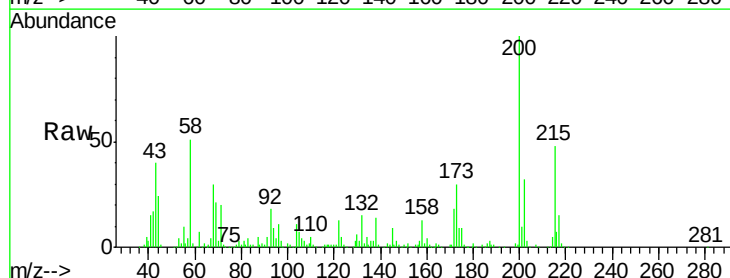
Tgt Ion:200 Resp: 205494

Ion Ratio Lower Upper

200 100

173 29.7 22.4 33.6

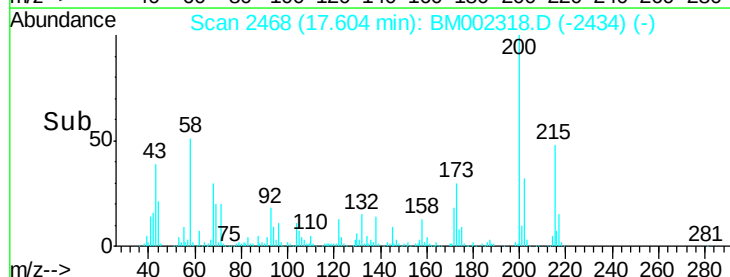
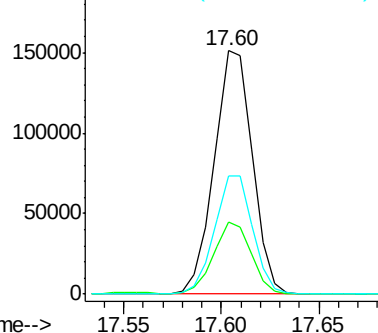
215 48.3 38.5 57.7

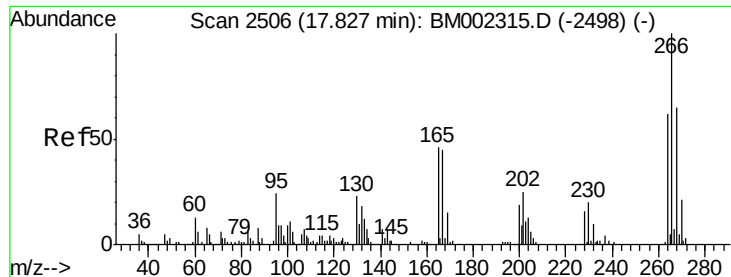


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

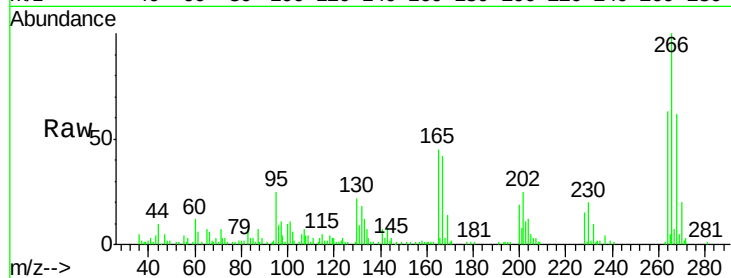




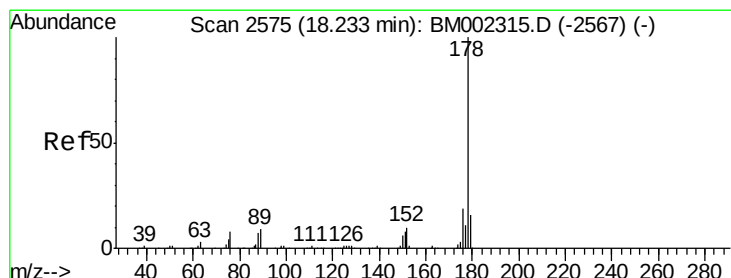
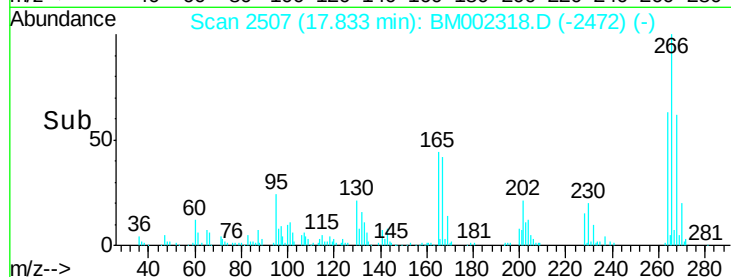
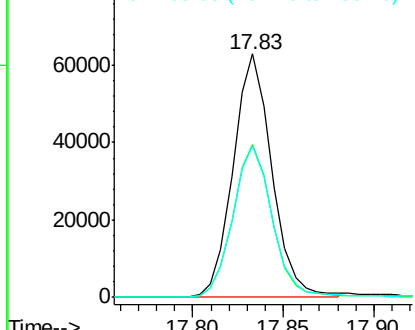
#69  
 Pentachlorophenol  
 Concen: 18.45 ng/ul  
 RT: 17.83 min Scan# 2507  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.8  | 50.3  | 75.5  |
| 268     | 62.5  | 51.0  | 76.4  |

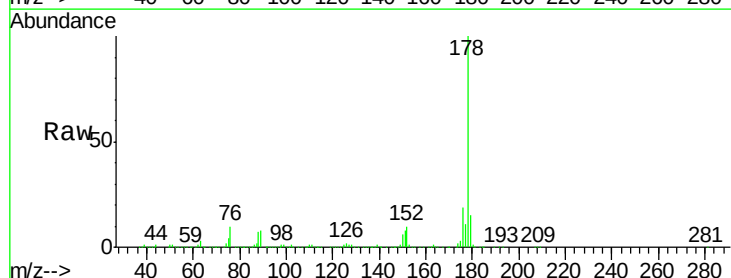


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

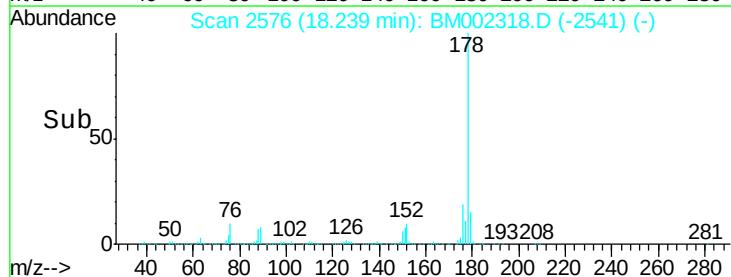
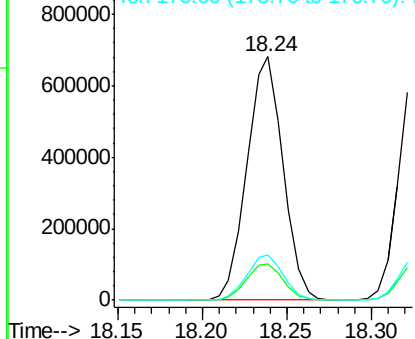


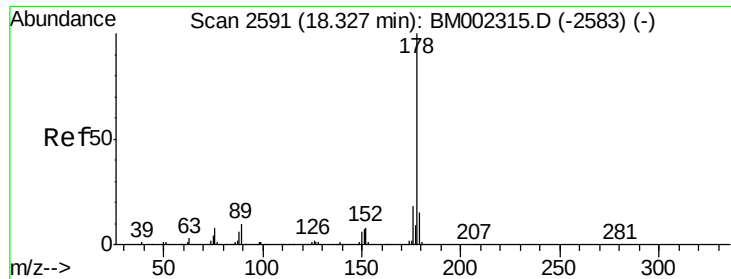
#70  
 Phenanthrene  
 Concen: 20.17 ng/ul  
 RT: 18.24 min Scan# 2576  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.1  | 12.3  | 18.5  |
| 176     | 18.7  | 15.3  | 22.9  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 20.06 ng/uL

RT: 18.33 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

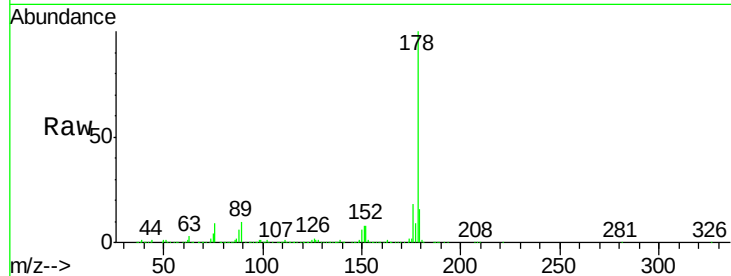
Tot Ion:178 Resp: 1034114

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

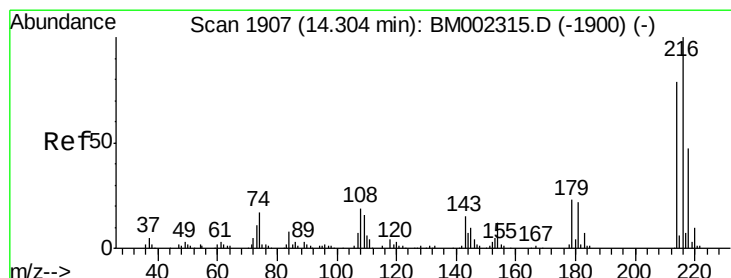
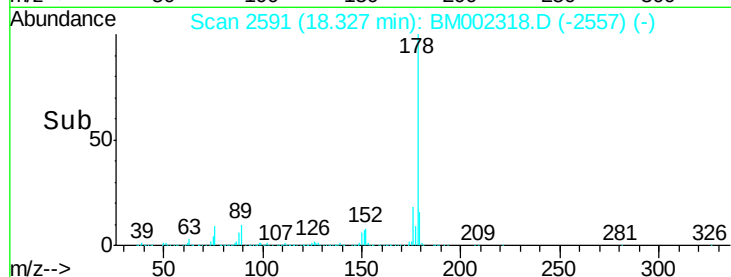
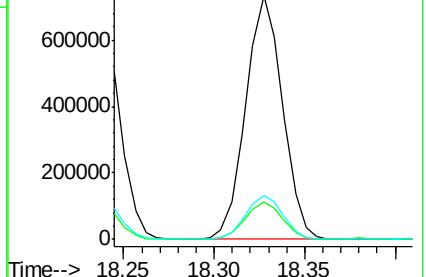
176 18.3 14.5 21.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 25.76 ng/uL

RT: 14.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

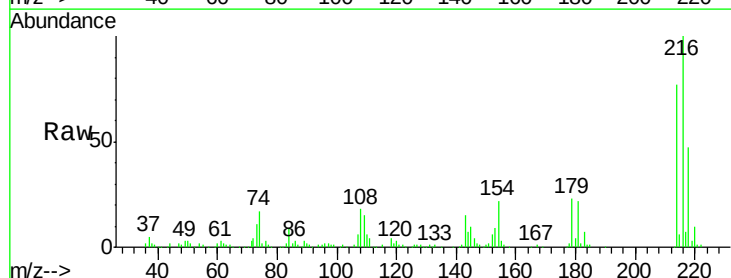
Tgt Ion:216 Resp: 303922

Ion Ratio Lower Upper

216 100

214 76.8 63.4 95.0

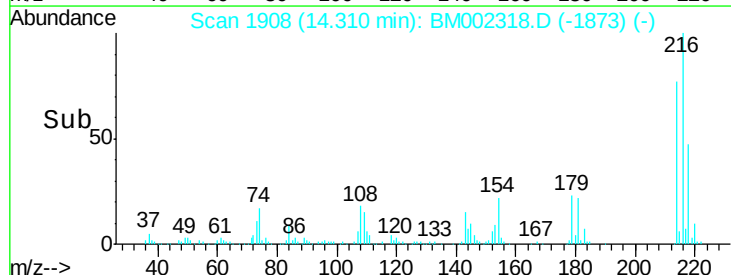
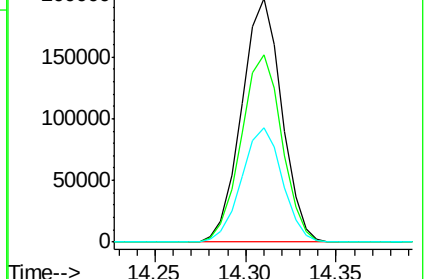
218 47.1 38.9 58.3

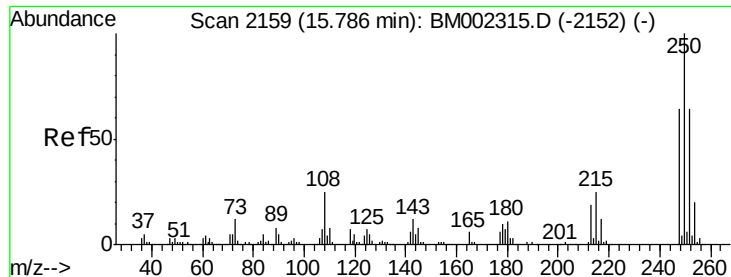


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

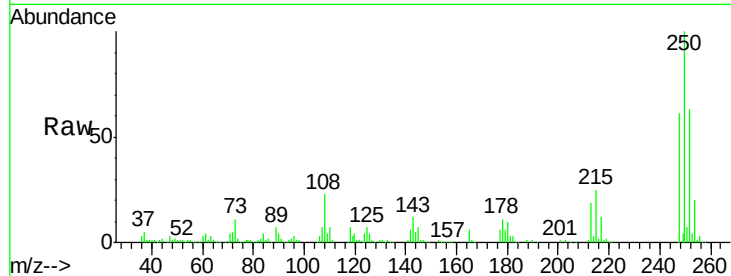




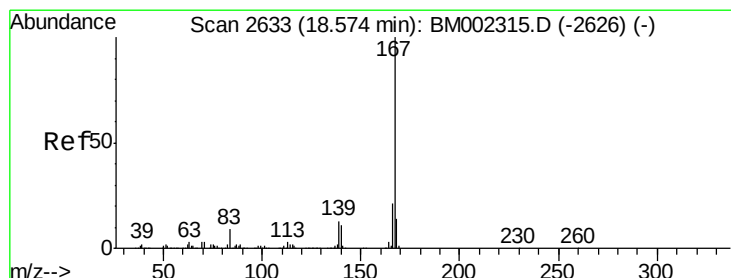
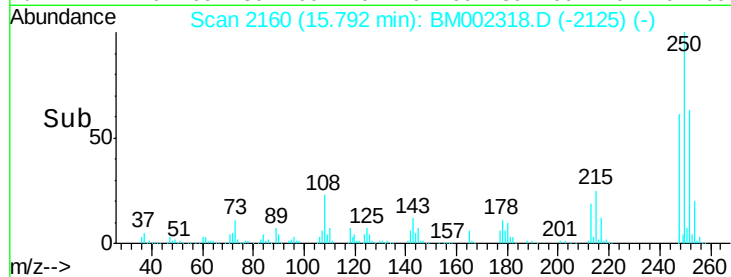
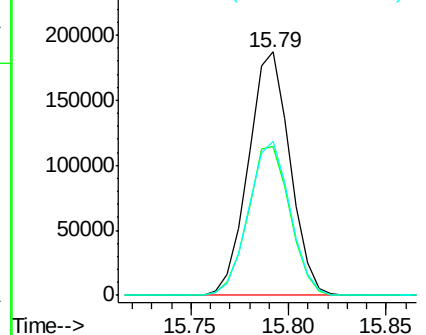
#74  
 Pentachlorobenzene  
 Concen: 24.17 ng/uL  
 RT: 15.79 min Scan# 2160  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 61.1  | 51.0  | 76.6  |
| 252     | 63.5  | 50.1  | 75.1  |

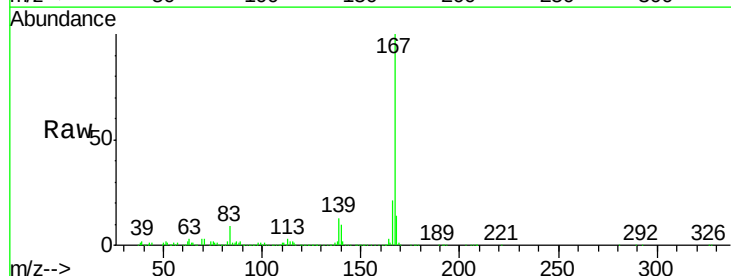


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

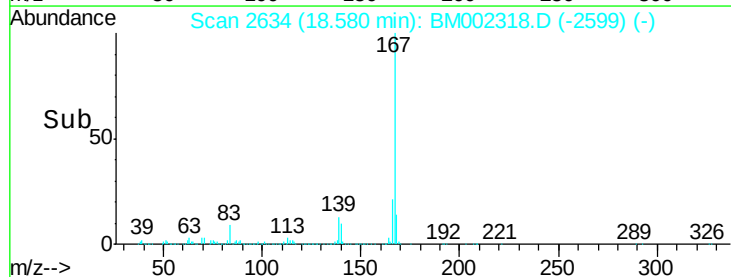
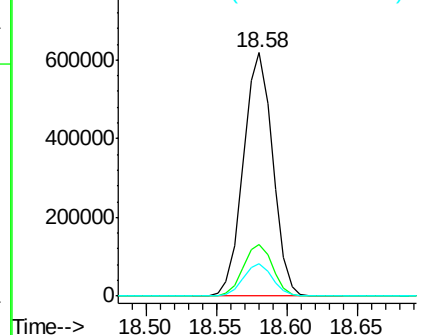


#75  
 Carbazole  
 Concen: 19.29 ng/uL  
 RT: 18.58 min Scan# 2634  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

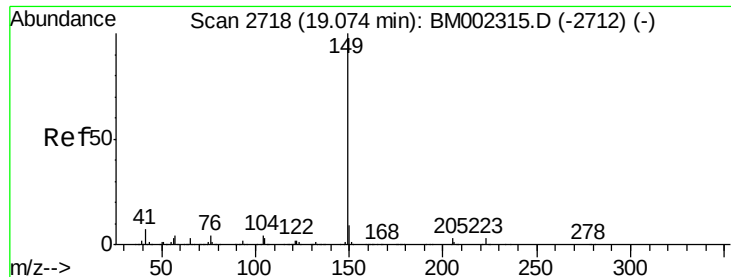
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 17.0  | 25.6  |
| 139     | 13.4  | 10.8  | 16.2  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 19.70 ng/ul

RT: 19.07 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

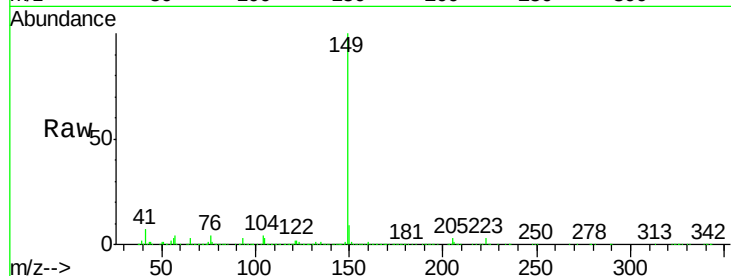
Tot Ion:149 Resp: 1232656

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

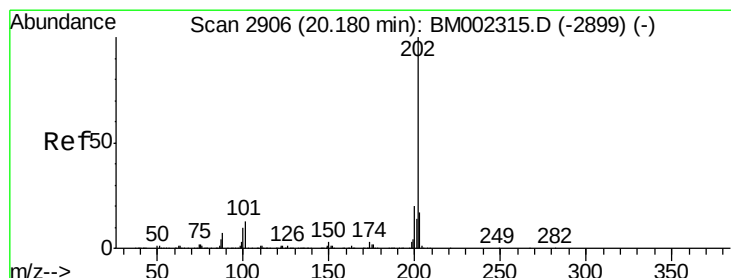
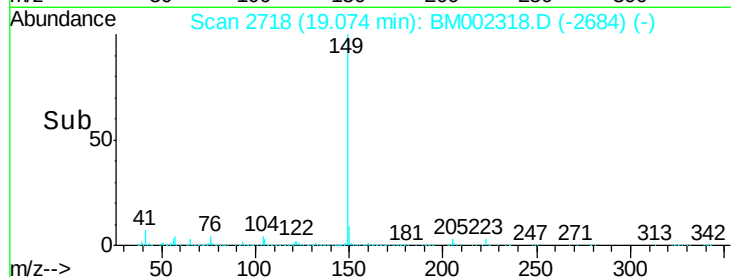
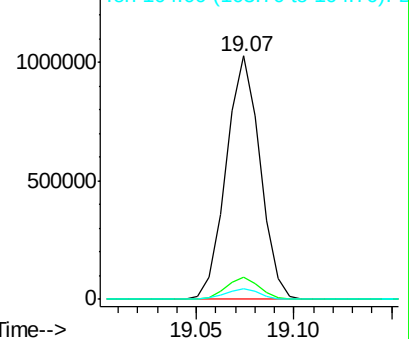
104 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 16.86 ng/ul

RT: 20.18 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

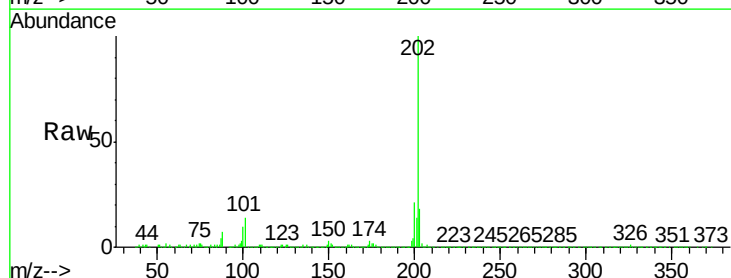
Tgt Ion:202 Resp: 890582

Ion Ratio Lower Upper

202 100

101 13.6 10.6 15.8

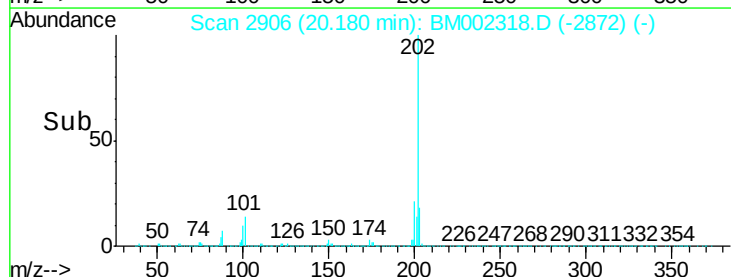
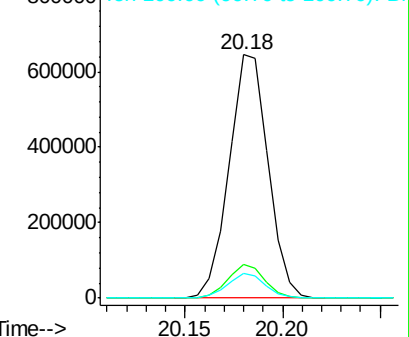
100 10.4 8.2 12.4

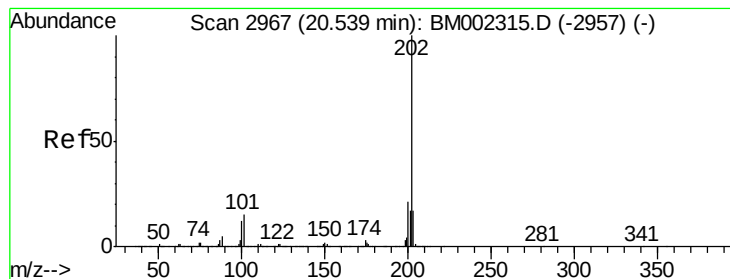


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 24.37 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

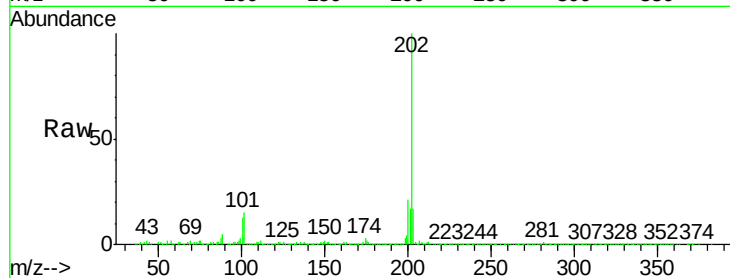
Tot Ion:202 Resp: 879597

Ion Ratio Lower Upper

202 100

101 15.5 13.0 19.6

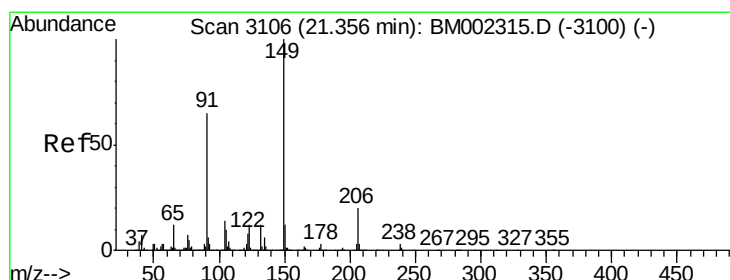
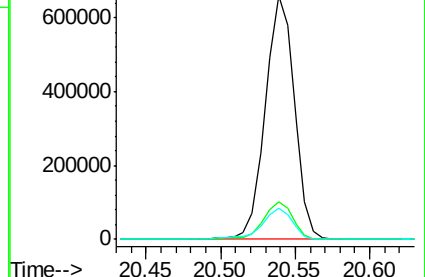
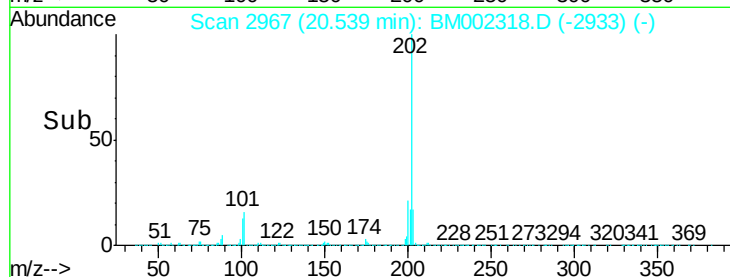
100 12.7 11.0 16.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 23.74 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

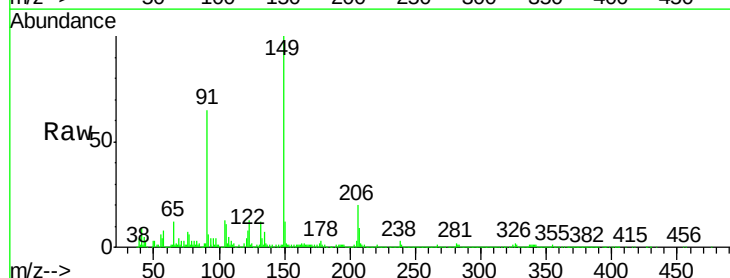
Tgt Ion:149 Resp: 423213

Ion Ratio Lower Upper

149 100

91 64.6 57.5 86.3

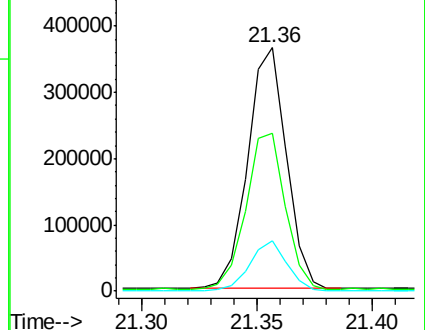
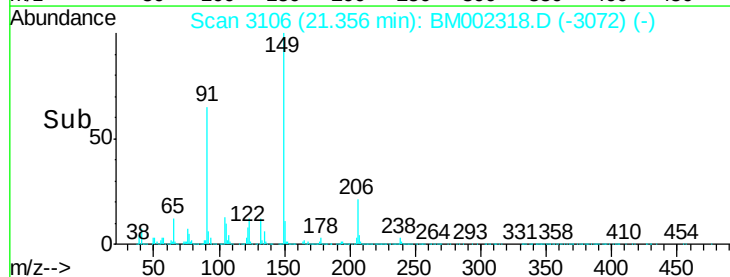
206 20.5 15.2 22.8

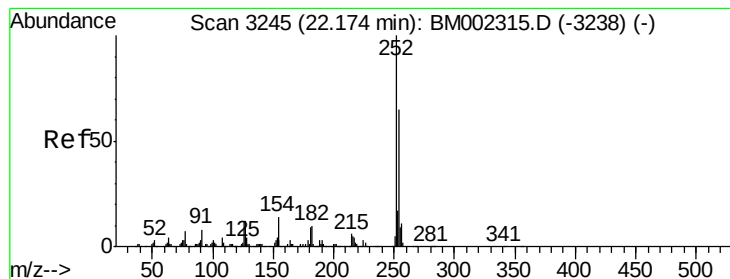


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 21.34 ng/ul

RT: 22.17 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

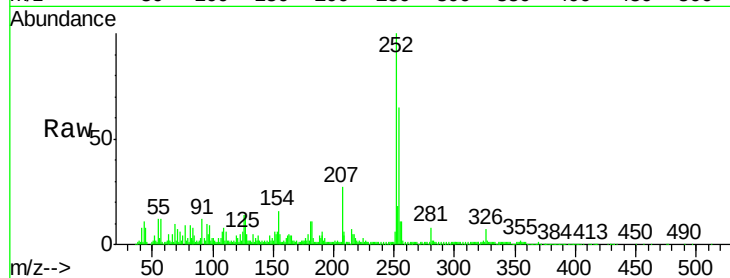
Tot Ion:252 Resp: 228852

Ion Ratio Lower Upper

252 100

254 65.1 52.5 78.7

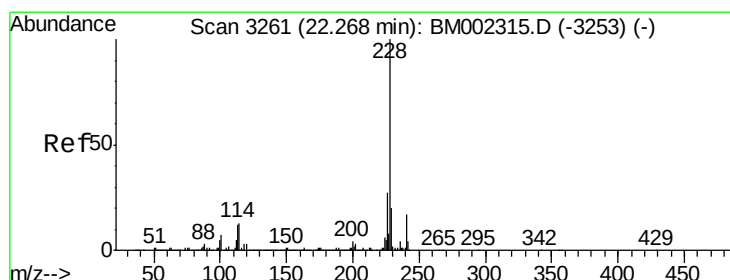
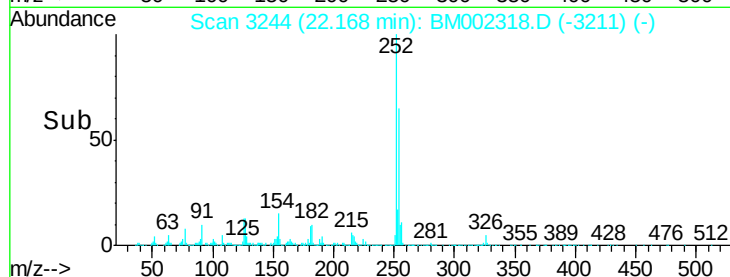
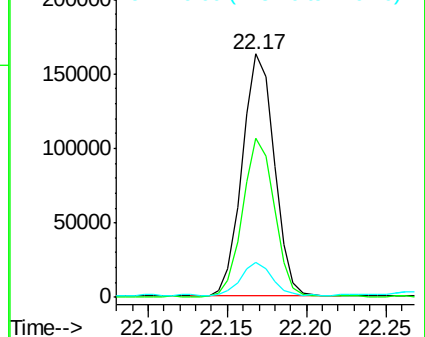
126 14.2 11.8 17.8



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

Benzo(a)anthracene

Concen: 20.48 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

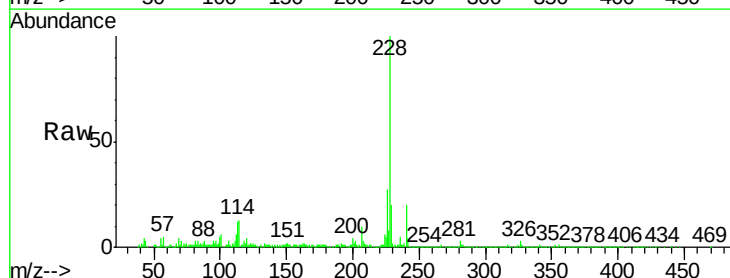
Tgt Ion:228 Resp: 697819

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

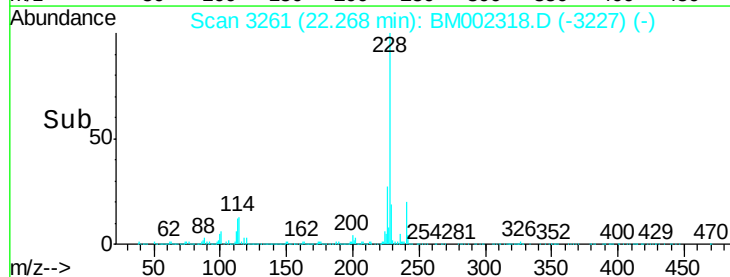
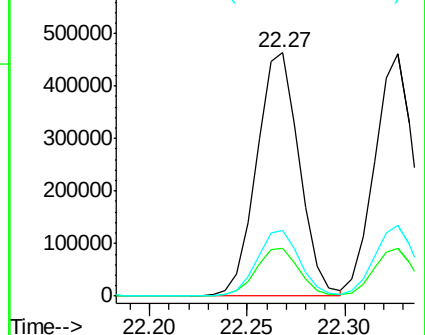
226 26.9 21.4 32.0

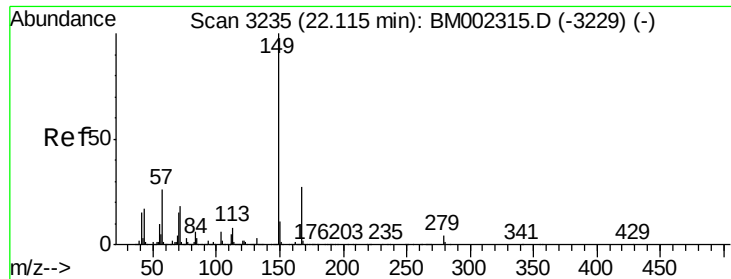


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 22.44 ng/ul

RT: 22.12 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

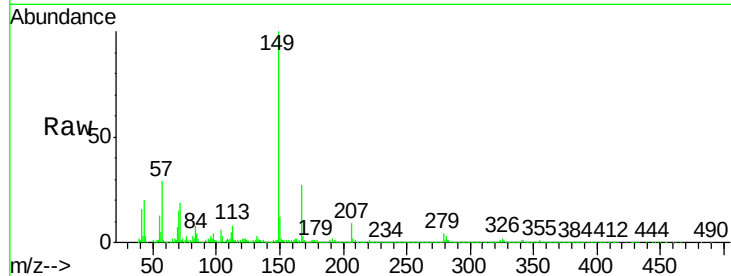
Tot Ion:149 Resp: 578722

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

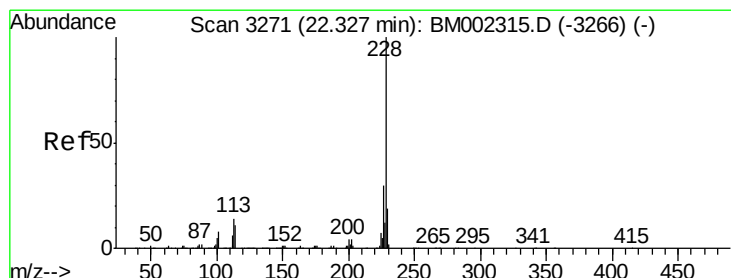
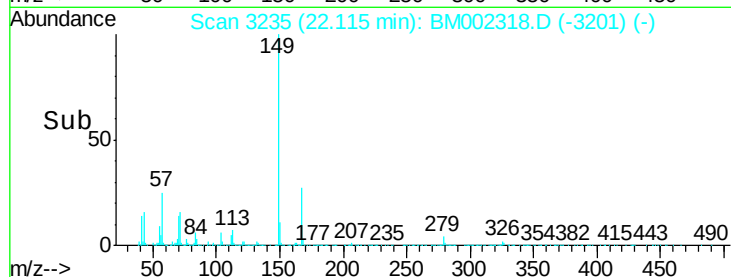
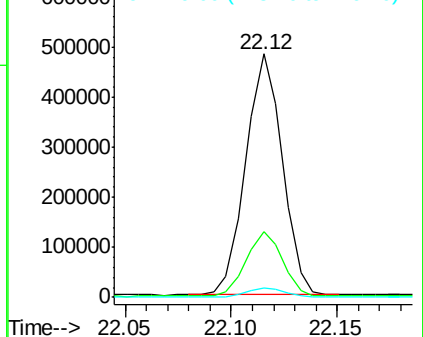
279 3.9 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 20.06 ng/ul

RT: 22.33 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

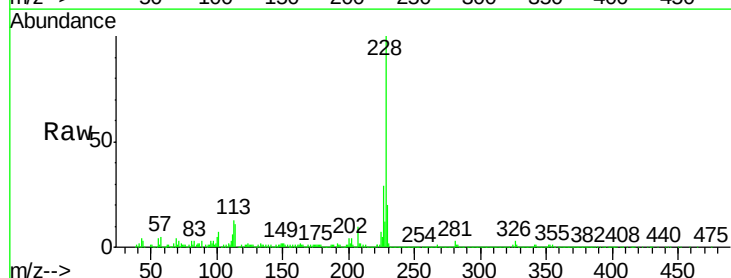
Tgt Ion:228 Resp: 647860

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

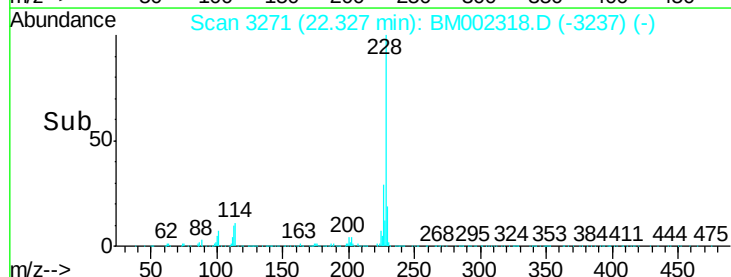
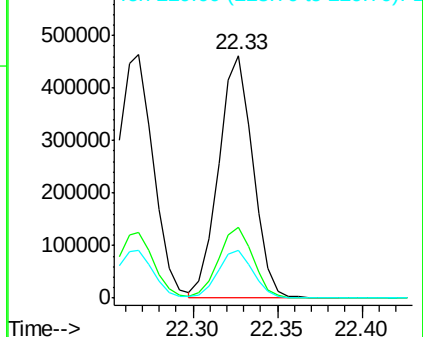
229 19.7 15.5 23.3

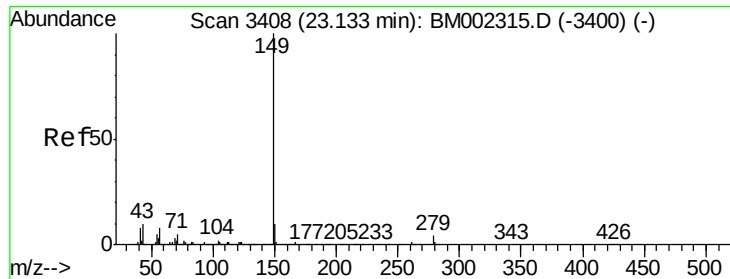


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.18 ng/ul

RT: 23.13 min Scan# 3408

Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

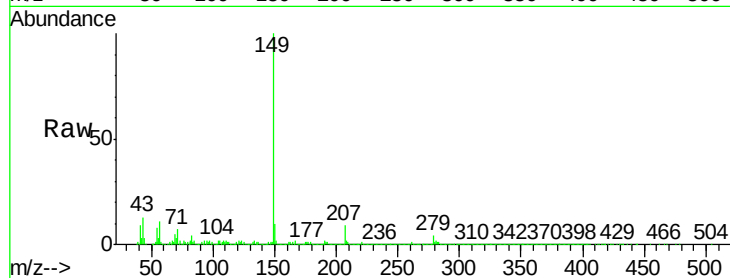
Instrument :

BNA\_M

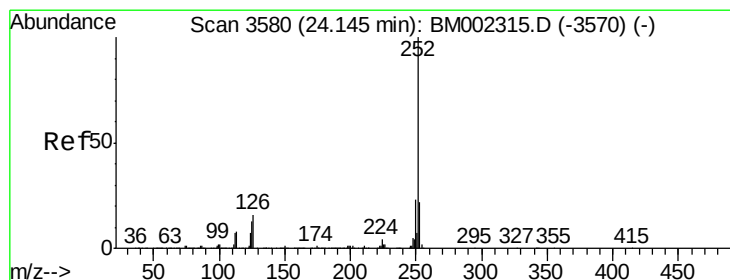
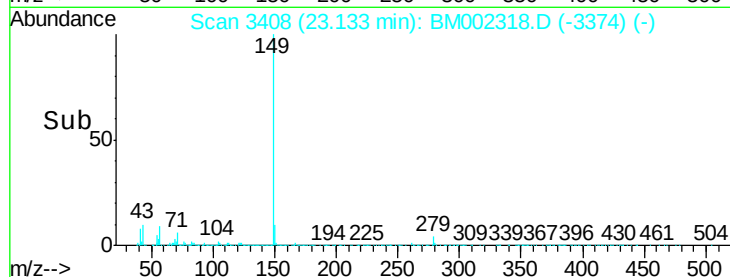
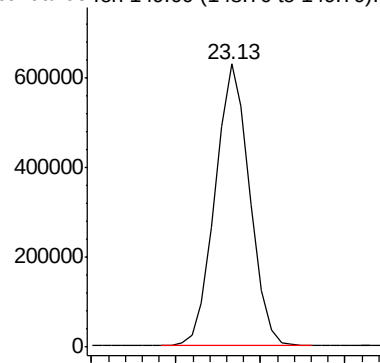
ClientSampleId :

SSTD02020

Tgt Ion:149 Resp: 882084



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.66 ng/ul

RT: 24.14 min Scan# 3580

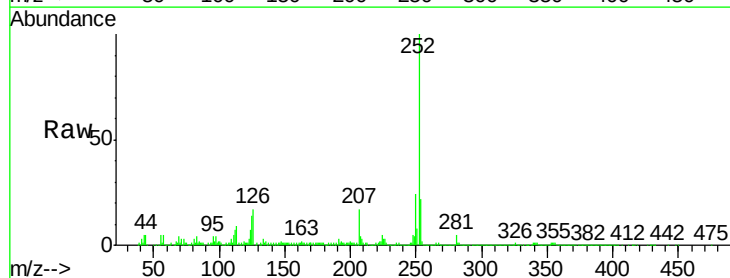
Delta R.T. -0.00 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Tgt Ion:252 Resp: 699592

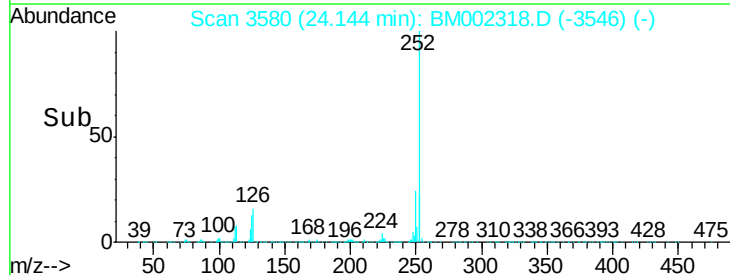
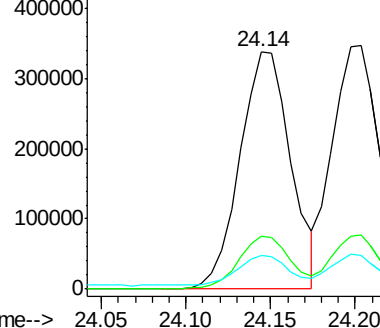
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.9  | 26.9  |
| 125 | 14.4  | 10.3  | 15.5  |

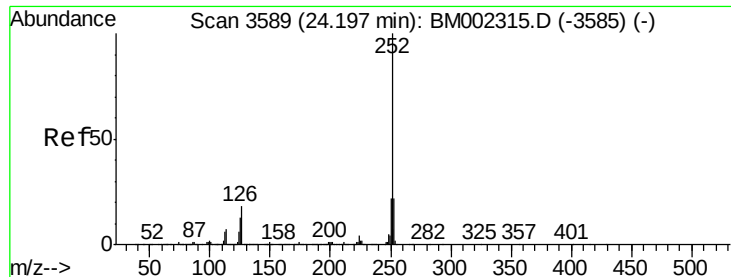


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 19.69 ng/ul

RT: 24.20 min Scan# 3590

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

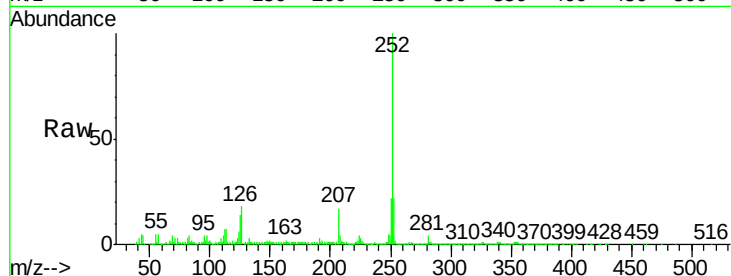
Tot Ion:252 Resp: 672799

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

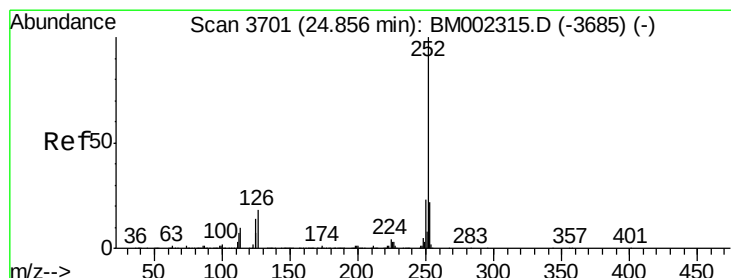
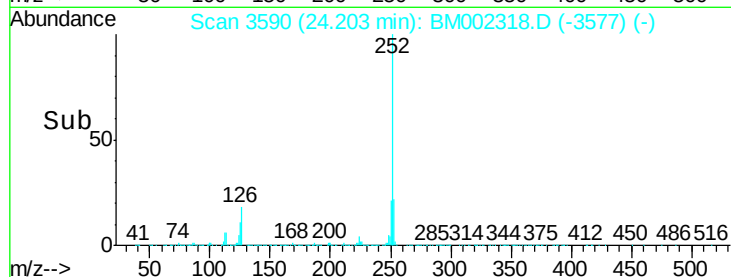
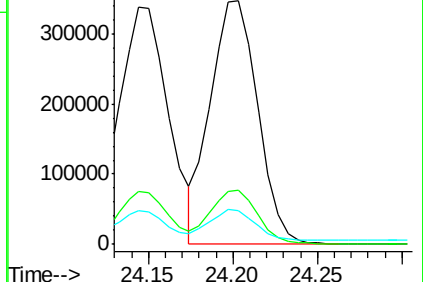
125 13.7 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.10 ng/ul

RT: 24.86 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

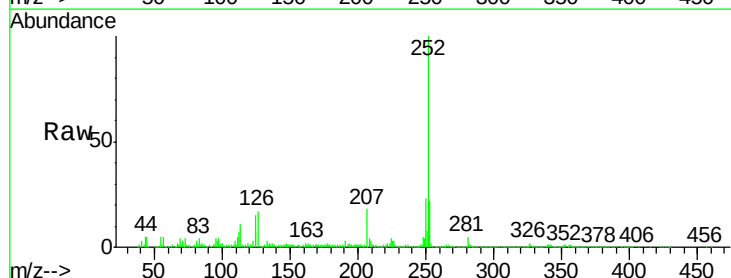
Tgt Ion:252 Resp: 684129

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

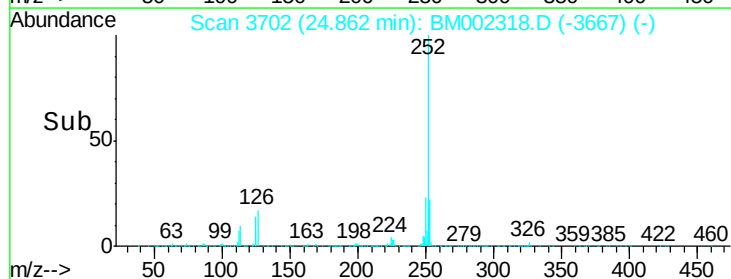
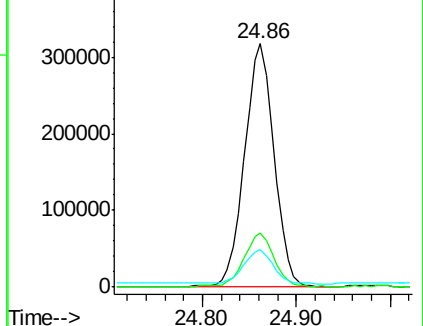
125 15.3 11.0 16.6

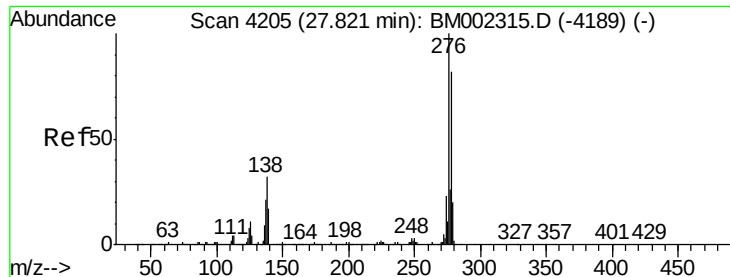


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

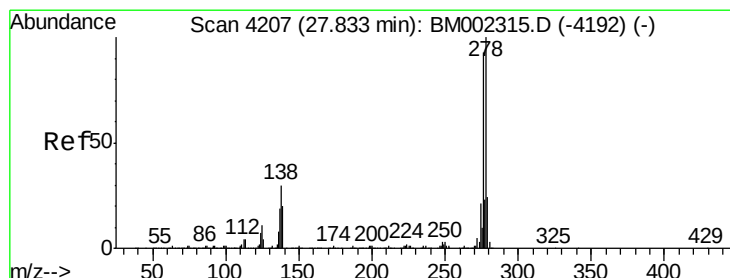
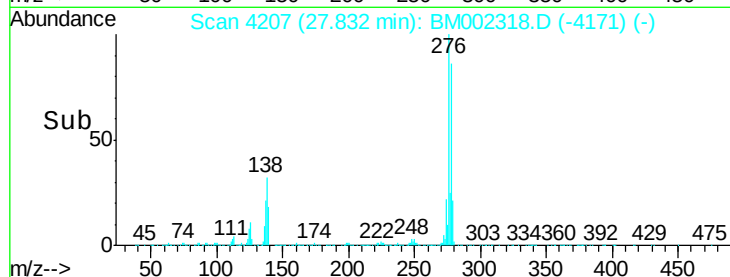
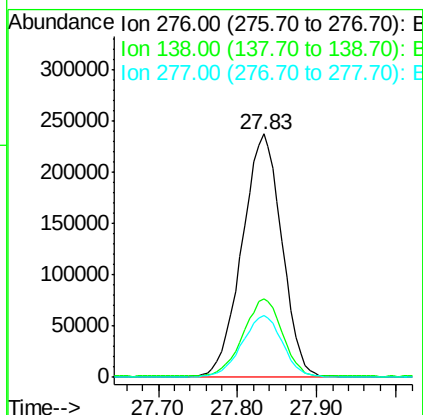
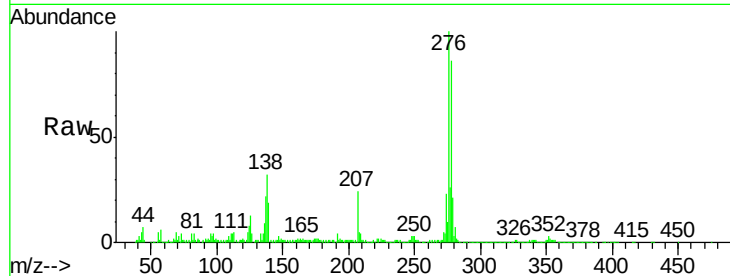




#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 21.06 ng/ul  
 RT: 27.83 min Scan# 4207  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

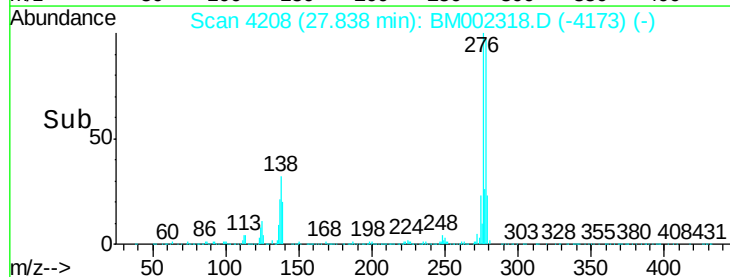
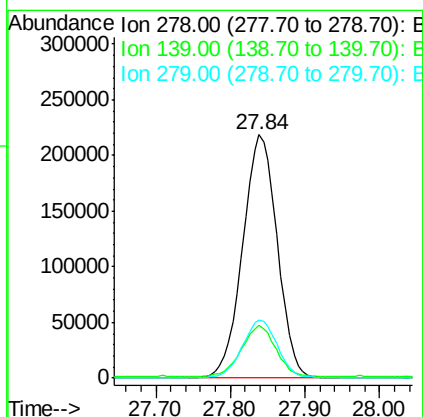
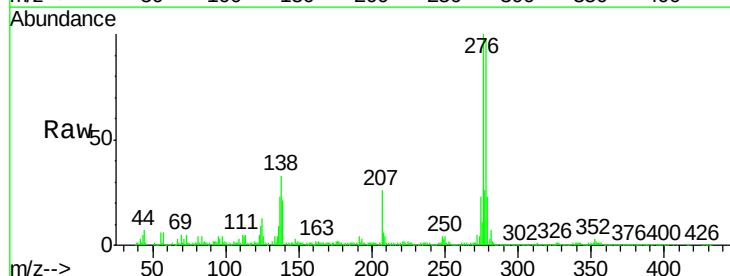
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02020

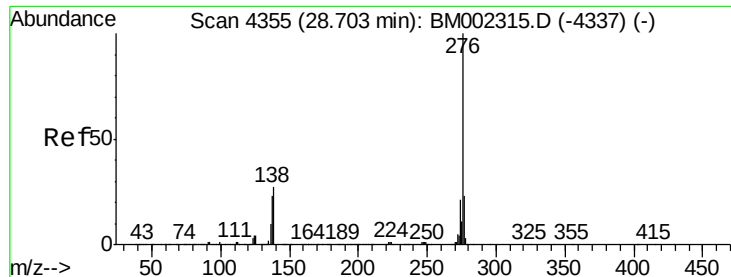
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.1  | 25.6  | 38.4  |
| 277     | 25.5  | 21.0  | 31.4  |



#93  
 Dibenzo(a,h)anthracene  
 Concen: 21.15 ng/ul  
 RT: 27.84 min Scan# 4208  
 Delta R.T. 0.01 min  
 Lab File: BM002318.D  
 Acq: 10 Aug 2015 18:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.5  | 16.4  | 24.6  |
| 279     | 23.6  | 18.8  | 28.2  |





#94

Benzo(a,h,i)perylene

Concen: 21.08 ng/ul

RT: 28.71 min Scan# 4357

Delta R.T. 0.01 min

Lab File: BM002318.D

Acq: 10 Aug 2015 18:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02020

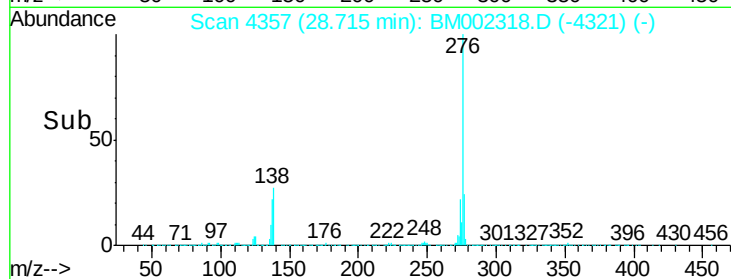
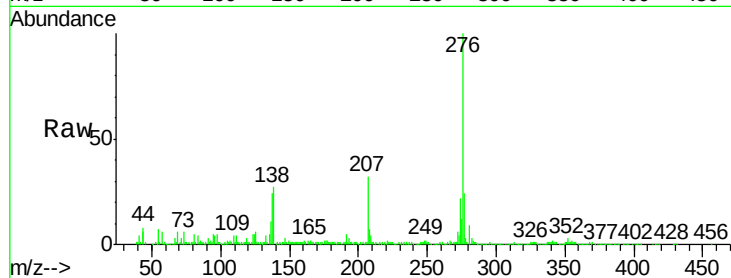
Tot Ion: 276 Resp: 693858

Ion Ratio Lower Upper

276 100

138 27.1 20.5 30.7

277 24.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

