

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121816\  
 Data File : BM008438.D  
 Acq On : 18 Dec 2016 15:11  
 Operator : UM/SJ  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

Quant Time: Dec 19 01:25:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 19 01:22:39 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 138747   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 542842   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 350303   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 701532   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.25 | 240  | 919933   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 935220   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 25548  | 8.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 222892 | 20.71 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 129234 | 20.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 178656 | 22.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 171055 | 20.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 83051  | 21.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 96230  | 22.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 177060 | 22.22 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 200256 | 21.93 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 499013 | 21.43 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 602783 | 21.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 54312  | 15.83 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 427925 | 21.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 77655  | 18.60 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 673807 | 22.05 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 781104 | 21.99 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 864823 | 22.02 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 27394  | 7.95 ng/uL  | 95     |
| 4) Benzaldehyde                | 6.82  | 77  | 164101 | 23.04 ng/ul | 92     |
| 6) Phenol                      | 6.87  | 94  | 233165 | 20.86 ng/ul | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 176266 | 21.13 ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.23  | 128 | 182225 | 22.28 ng/ul | 99     |
| 11) 2-Methylphenol             | 8.11  | 108 | 171653 | 20.98 ng/ul | 94     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 201944 | 21.29 ng/ul | 99     |
| 14) Acetophenone               | 8.49  | 105 | 278723 | 20.45 ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.46  | 70  | 145747 | 20.81 ng/ul | 98     |
| 16) 4-Methylphenol             | 8.44  | 108 | 182012 | 20.52 ng/ul | 97     |
| 17) Hexachloroethane           | 8.71  | 117 | 78585  | 21.07 ng/ul | 92     |
| 20) Nitrobenzene               | 8.86  | 77  | 219136 | 21.67 ng/ul | 99     |
| 21) Isophorone                 | 9.37  | 82  | 387731 | 21.32 ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.57  | 139 | 98903  | 22.25 ng/ul | 91     |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 214731 | 21.62 ng/ul | 97     |
| 25) Bis(2-Chloroethoxy)methane | 9.86  | 93  | 221988 | 21.50 ng/ul | 98     |
| 27) 2,4-Dichlorophenol         | 10.10 | 162 | 174103 | 21.69 ng/ul | 97     |
| 28) Naphthalene                | 10.48 | 128 | 551258 | 21.45 ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.62 | 127 | 205793 | 22.36 ng/ul | 98     |
| 31) Hexachlorobutadiene        | 10.75 | 225 | 143340 | 21.97 ng/ul | 97     |
| 32) Caprolactam                | 11.41 | 113 | 49700  | 19.73 ng/ul | 88     |
| 33) 4-Chloro-3-methylphenol    | 11.75 | 107 | 184340 | 21.22 ng/ul | 98     |
| 34) 2-Methylnaphthalene        | 12.10 | 142 | 394281 | 21.23 ng/ul | 99     |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121816\  
 Data File : BM008438.D  
 Acq On : 18 Dec 2016 15:11  
 Operator : UM/SJ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

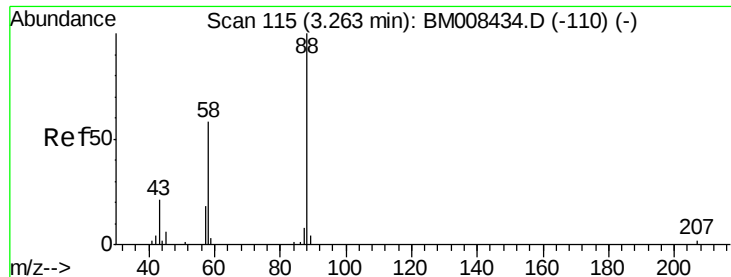
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

Quant Time: Dec 19 01:25:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 19 01:22:39 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216  | 238611   | 21.76 | ng/ul | 98       |
| 37) Hexachlorocyclopentadiene  | 12.44 | 237  | 112316   | 25.35 | ng/ul | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.73 | 196  | 137518   | 22.09 | ng/ul | 95       |
| 39) 2,4,5-Trichlorophenol      | 12.82 | 196  | 149466   | 22.01 | ng/ul | 99       |
| 40) 1,1'-Biphenyl              | 13.12 | 154  | 511792   | 21.90 | ng/ul | 98       |
| 41) 2-Chloronaphthalene        | 13.17 | 162  | 395122   | 22.05 | ng/ul | 98       |
| 42) 2-Nitroaniline             | 13.40 | 65   | 118715   | 22.40 | ng/ul | 96       |
| 44) Dimethylphthalate          | 13.76 | 163  | 488414   | 21.40 | ng/ul | 100      |
| 45) 2,6-Dinitrotoluene         | 13.90 | 165  | 102113   | 22.97 | ng/ul | 96       |
| 47) Acenaphthylene             | 14.02 | 152  | 613682   | 21.91 | ng/ul | 99       |
| 48) 3-Nitroaniline             | 14.24 | 138  | 97184    | 21.94 | ng/ul | 99       |
| 49) Acenaphthene               | 14.36 | 153  | 415141   | 21.57 | ng/ul | 98       |
| 50) 2,4-Dinitrophenol          | 14.47 | 184  | 53979    | 20.93 | ng/ul | 94       |
| 52) 4-Nitrophenol              | 14.57 | 109  | 50278    | 15.28 | ng/ul | 98       |
| 53) Dibenzofuran               | 14.70 | 168  | 601675   | 21.45 | ng/ul | 100      |
| 54) 2,4-Dinitrotoluene         | 14.70 | 165  | 143506   | 21.55 | ng/ul | 96       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 133929   | 21.35 | ng/ul | 95       |
| 56) Diethylphthalate           | 15.13 | 149  | 478458   | 21.07 | ng/ul | 99       |
| 58) Fluorene                   | 15.35 | 166  | 489863   | 21.26 | ng/ul | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.34 | 204  | 261179   | 21.32 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.42 | 138  | 88790    | 20.83 | ng/ul | 93       |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 80254    | 18.75 | ng/ul | 95       |
| 64) N-Nitrosodiphenylamine     | 15.57 | 169  | 419036   | 21.95 | ng/ul | 97       |
| 65) 4-Bromophenyl-phenylether  | 16.24 | 248  | 168982   | 21.94 | ng/ul | 97       |
| 66) Hexachlorobenzene          | 16.36 | 284  | 188399   | 21.59 | ng/ul | 98       |
| 67) Atrazine                   | 16.53 | 200  | 160015   | 20.45 | ng/ul | 98       |
| 68) Pentachlorophenol          | 16.72 | 266  | 86526    | 18.33 | ng/ul | 92       |
| 69) Phenanthrene               | 17.09 | 178  | 767142   | 21.34 | ng/ul | 98       |
| 71) Anthracene                 | 17.19 | 178  | 799425   | 21.91 | ng/ul | 100      |
| 72) Carbazole                  | 17.47 | 167  | 685937   | 21.35 | ng/ul | 100      |
| 73) Di-n-butylphthalate        | 18.02 | 149  | 794461   | 22.11 | ng/ul | 99       |
| 74) Fluoranthene               | 19.12 | 202  | 935735   | 21.19 | ng/ul | 99       |
| 77) Pyrene                     | 19.49 | 202  | 982510   | 21.75 | ng/ul | 98       |
| 78) Butylbenzylphthalate       | 20.39 | 149  | 367701   | 22.70 | ng/ul | 97       |
| 79) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 359310   | 22.29 | ng/ul | 100      |
| 80) Benzo(a)anthracene         | 21.24 | 228  | 1032504  | 21.71 | ng/ul | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 539796   | 22.75 | ng/ul | 100      |
| 82) Chrysene                   | 21.29 | 228  | 994024   | 21.74 | ng/ul | 100      |
| 84) Di-n-octyl phthalate       | 22.03 | 149  | 966962   | 21.55 | ng/ul | 99       |
| 85) Benzo(b)fluoranthene       | 22.81 | 252  | 1085000  | 21.49 | ng/ul | 100      |
| 86) Benzo(k)fluoranthene       | 22.86 | 252  | 1063364  | 22.01 | ng/ul | 99       |
| 88) Benzo(a)pyrene             | 23.39 | 252  | 1061414  | 21.82 | ng/ul | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 1292771  | 21.89 | ng/ul | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.71 | 278  | 1083206  | 21.84 | ng/ul | 100      |
| 91) Benzo(g,h,i)perylene       | 26.40 | 276  | 1067970  | 21.62 | ng/ul | 99       |

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





#2

1,4-Dioxane

Concen: 7.95 ng/uL

RT: 3.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

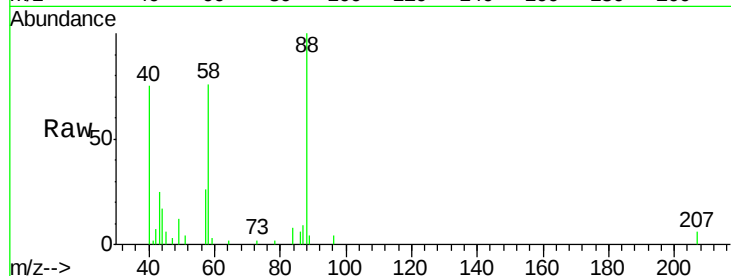
Tgt Ion: 88 Resp: 27394

Ion Ratio Lower Upper

88 100

43 23.9 19.4 29.2

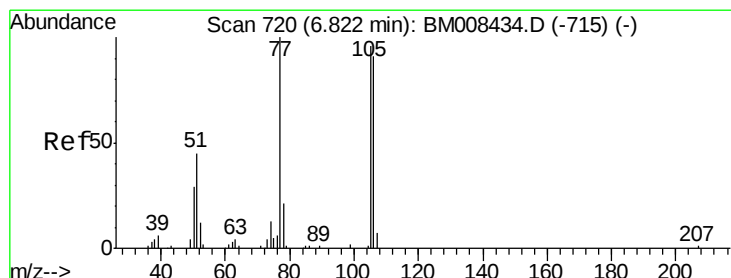
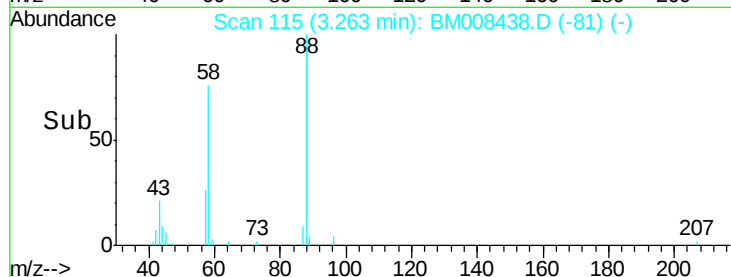
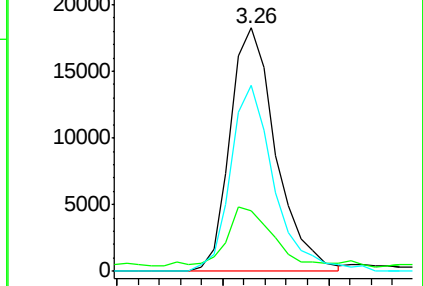
58 72.2 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): BM008438.D (-110) (-)

Ion 43.00 (42.70 to 43.70): BM008438.D (-110) (-)

Ion 58.00 (57.70 to 58.70): BM008438.D (-110) (-)



#4

Benzaldehyde

Concen: 23.04 ng/uL

RT: 6.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

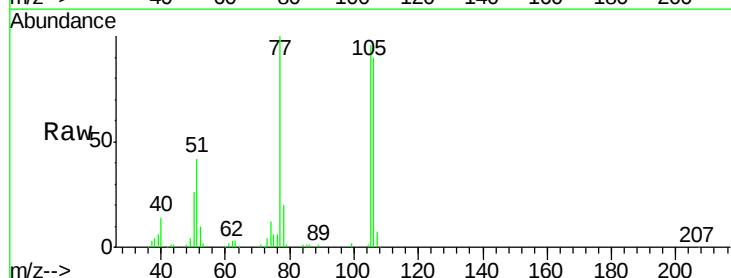
Tgt Ion: 77 Resp: 164101

Ion Ratio Lower Upper

77 100

105 95.5 70.2 105.4

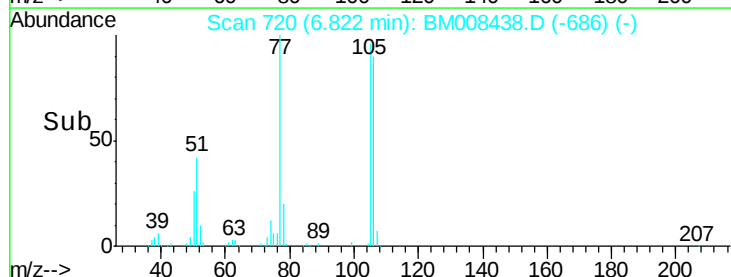
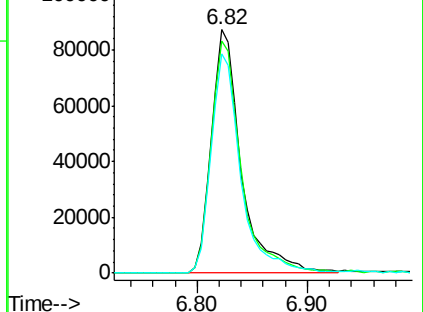
106 90.1 66.6 99.8

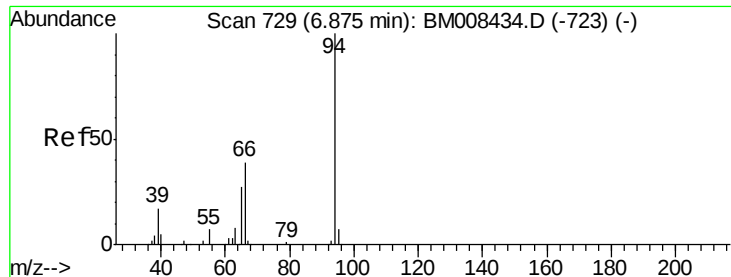


Abundance Ion 77.00 (76.70 to 77.70): BM008438.D (-715) (-)

Ion 105.00 (104.70 to 105.70): BM008438.D (-715) (-)

Ion 106.00 (105.70 to 106.70): BM008438.D (-715) (-)





#6

Phenol

Concen: 20.86 ng/ul

RT: 6.87 min Scan# 729

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

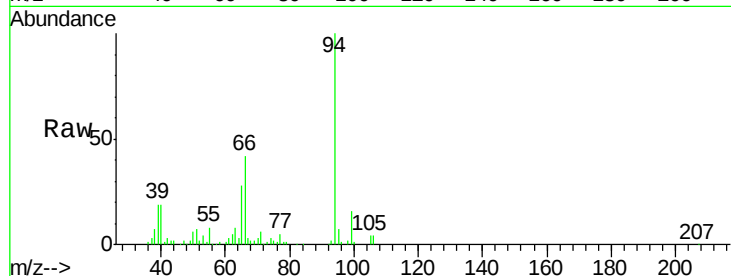
Tgt Ion: 94 Resp: 233165

Ion Ratio Lower Upper

94 100

65 28.3 22.6 34.0

66 42.1 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008438.D (-695) (-)

Ion 65.00 (64.70 to 65.70): BM008438.D (-695) (-)

Ion 66.00 (65.70 to 66.70): BM008438.D (-695) (-)

6.87

150000

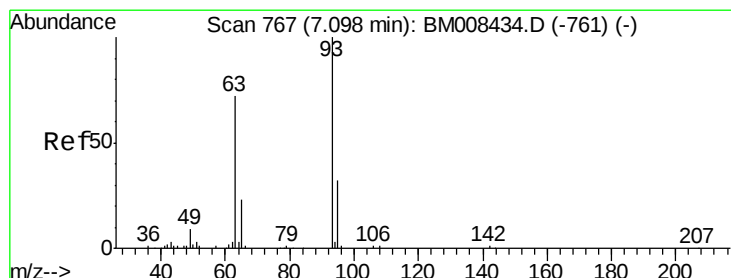
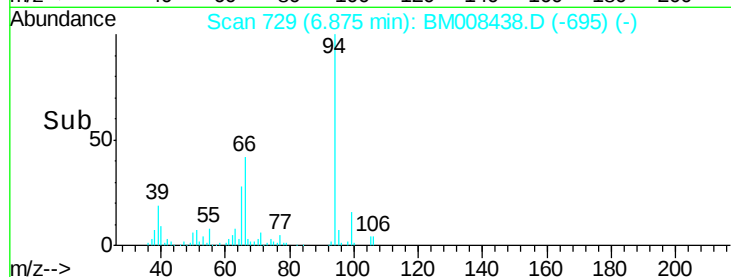
100000

50000

0

6.80 6.90 7.00

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 21.13 ng/ul

RT: 7.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

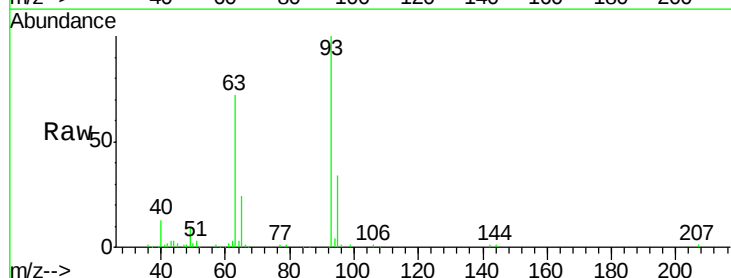
Tgt Ion: 93 Resp: 176266

Ion Ratio Lower Upper

93 100

63 71.9 57.4 86.2

95 33.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BM008438.D (-733) (-)

Ion 63.00 (62.70 to 63.70): BM008438.D (-733) (-)

Ion 95.00 (94.70 to 95.70): BM008438.D (-733) (-)

7.10

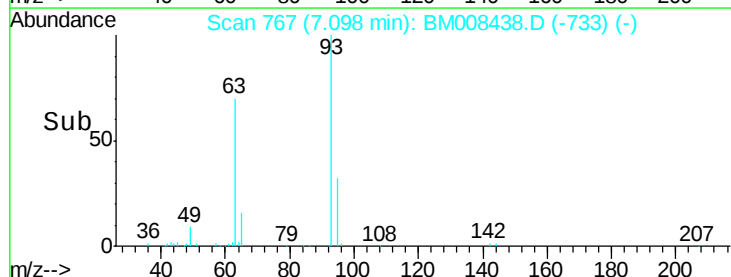
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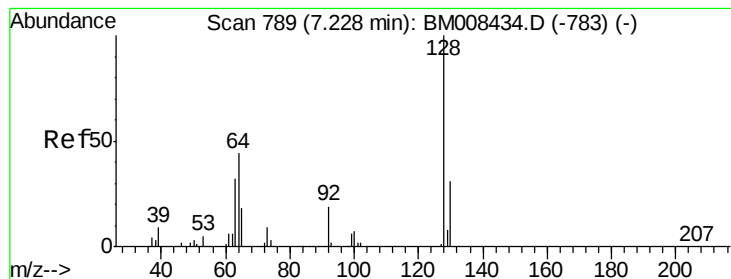
50000

0

7.05 7.10 7.15

Time-->





#10

2-Chlorophenol

Concen: 22.28 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

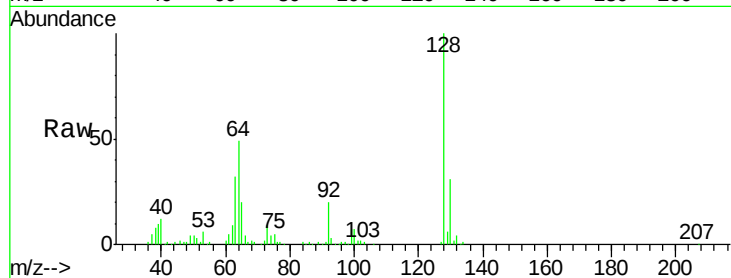
Tgt Ion:128 Resp: 182225

Ion Ratio Lower Upper

128 100

64 48.9 40.0 60.0

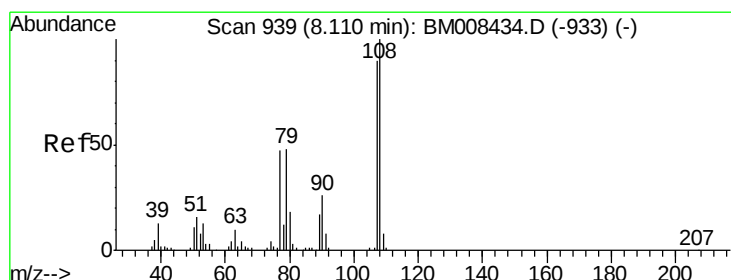
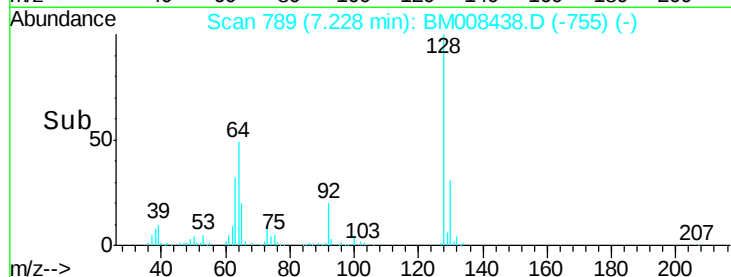
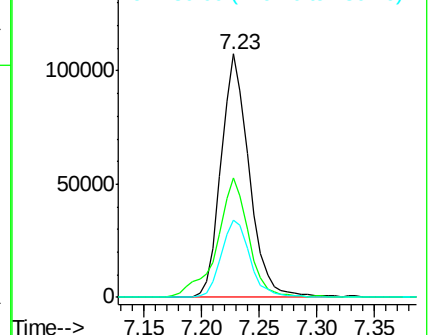
130 31.5 25.6 38.4



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: 20.98 ng/ul

RT: 8.11 min Scan# 939

Delta R.T. -0.00 min

Lab File: BM008438.D

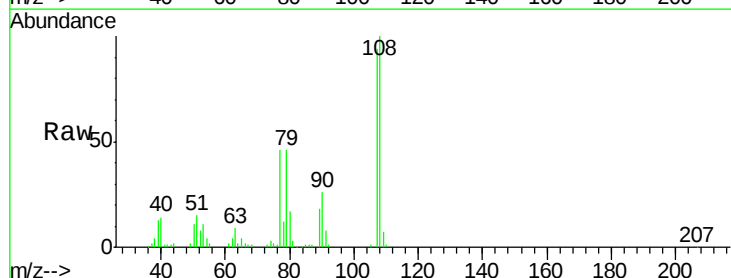
Acq: 18 Dec 2016 15:11

Tgt Ion:108 Resp: 171653

Ion Ratio Lower Upper

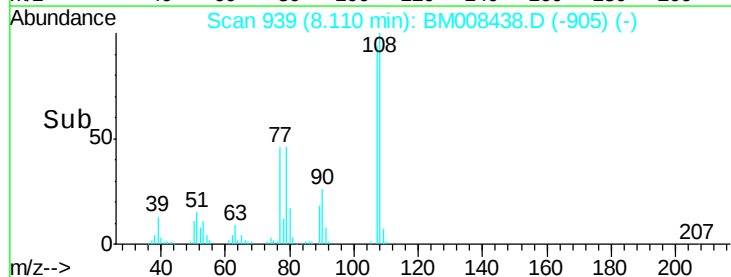
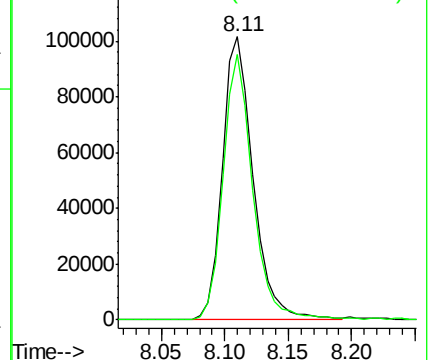
108 100

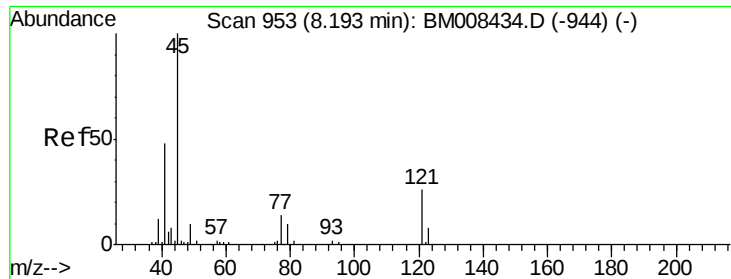
107 93.7 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

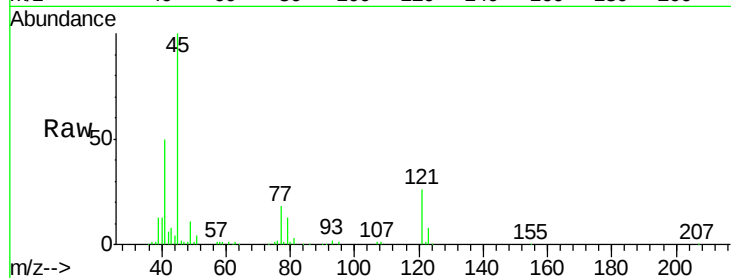




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.29 ng/ul  
RT: 8.19 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

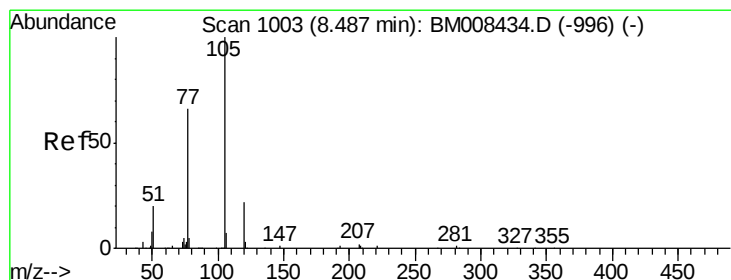
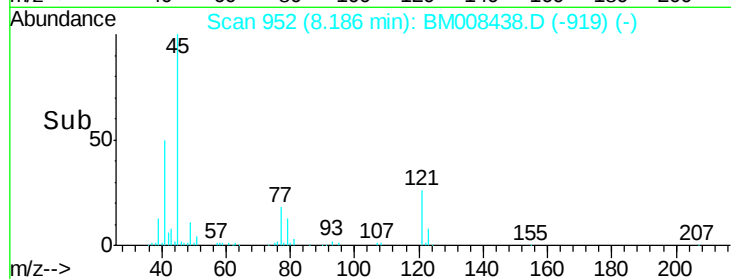
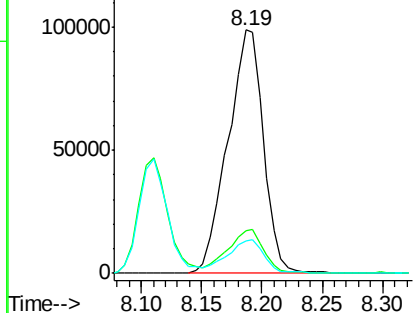
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 201944 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 17.8  | 14.4  | 21.6   |
| 79       | 13.2  | 11.1  | 16.7   |



Abundance Ion 45.00 (44.70 to 45.70): BM008438.D (-944) (-)

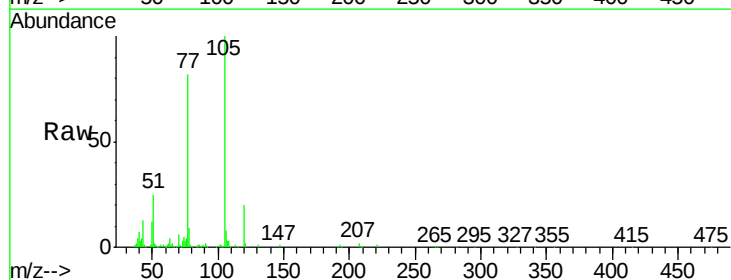
Ion 77.00 (76.70 to 77.70): BM008438.D (-944) (-)

Ion 79.00 (78.70 to 79.70): BM008438.D (-944) (-)



#14  
Acetophenone  
Concen: 20.45 ng/ul  
RT: 8.49 min Scan# 1003  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

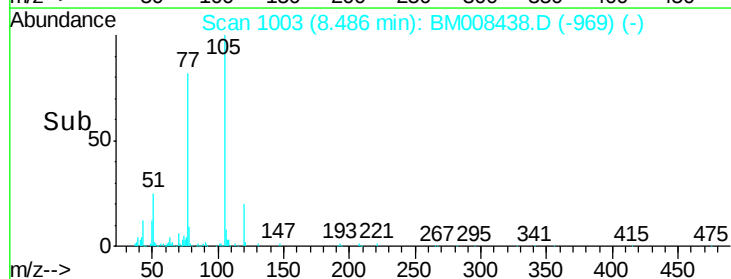
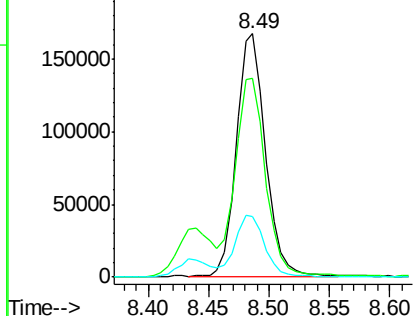
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 278723 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 77       | 81.7  | 64.6  | 97.0   |
| 51       | 25.1  | 22.1  | 33.1   |

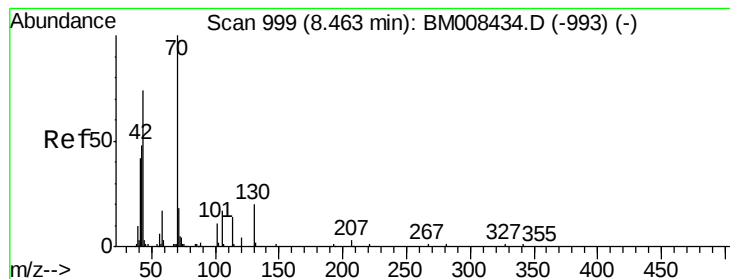


Abundance Ion 105.00 (104.70 to 105.70): BM008438.D (-996) (-)

Ion 77.00 (76.70 to 77.70): BM008438.D (-996) (-)

Ion 51.00 (50.70 to 51.70): BM008438.D (-996) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 20.81 ng/ul

RT: 8.46 min Scan# 999

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

Tgt Ion: 70 Resp: 145747

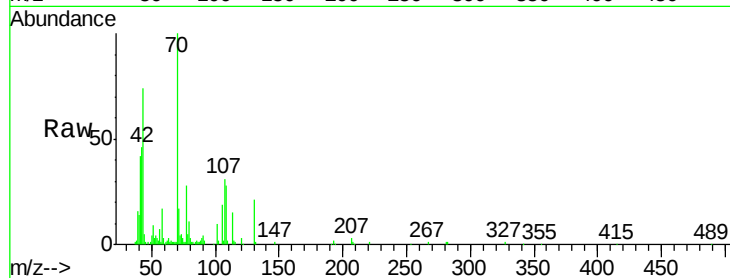
Ion Ratio Lower Upper

70 100

42 46.3 38.6 57.8

101 10.1 8.2 12.4

130 20.6 16.6 24.8

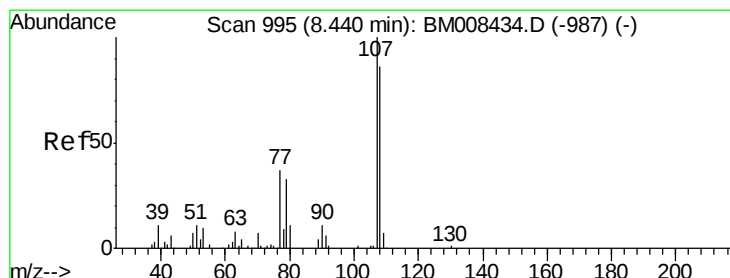
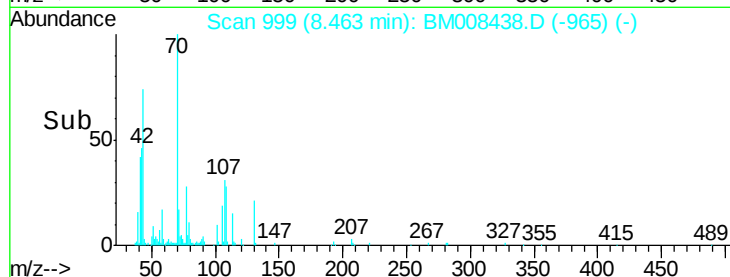
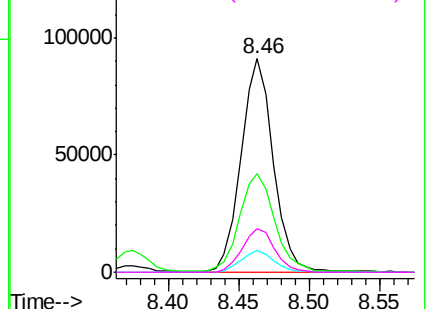


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.52 ng/ul

RT: 8.44 min Scan# 995

Delta R.T. -0.00 min

Lab File: BM008438.D

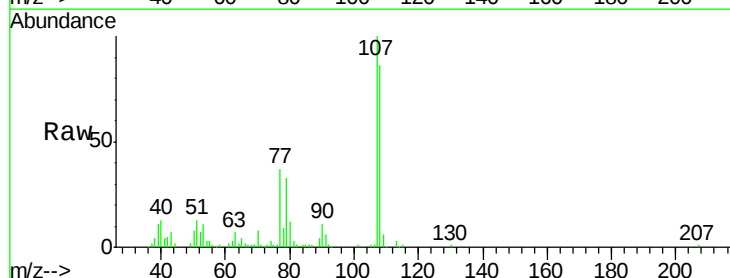
Acq: 18 Dec 2016 15:11

Tgt Ion:108 Resp: 182012

Ion Ratio Lower Upper

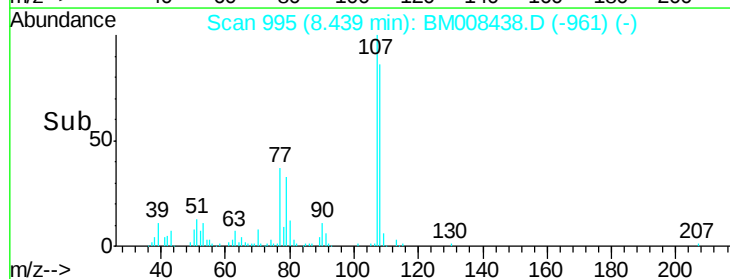
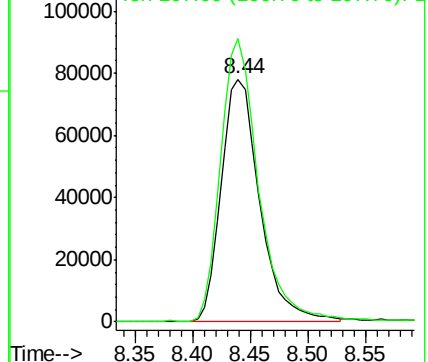
108 100

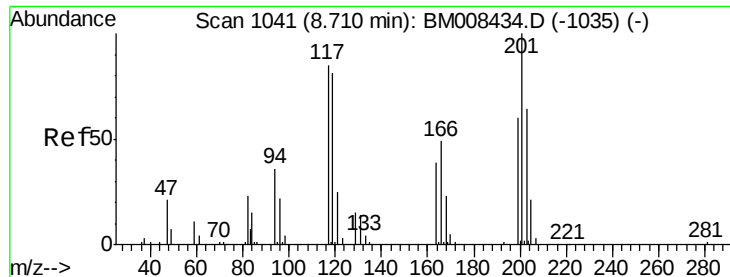
107 116.5 90.6 135.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 21.07 ng/ul

RT: 8.71 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

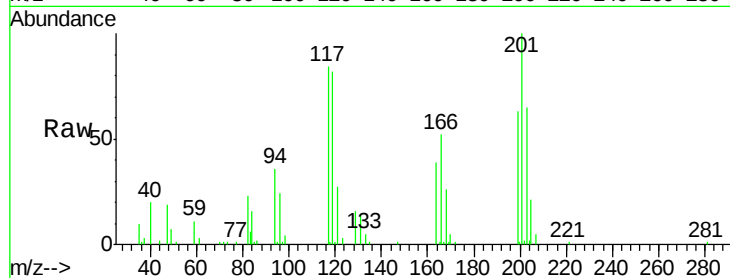
Tgt Ion: 117 Resp: 78585

Ion Ratio Lower Upper

117 100

201 119.2 88.1 132.1

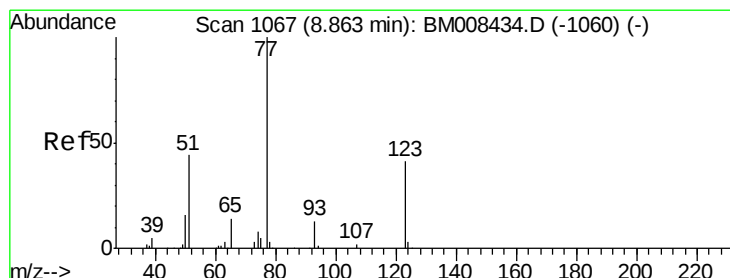
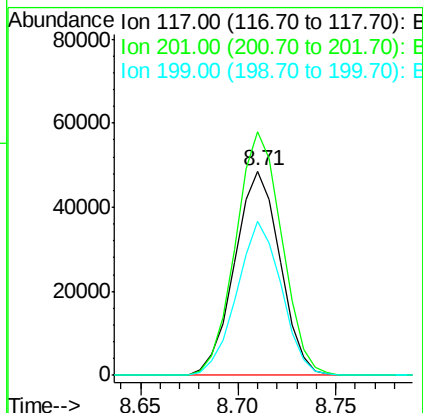
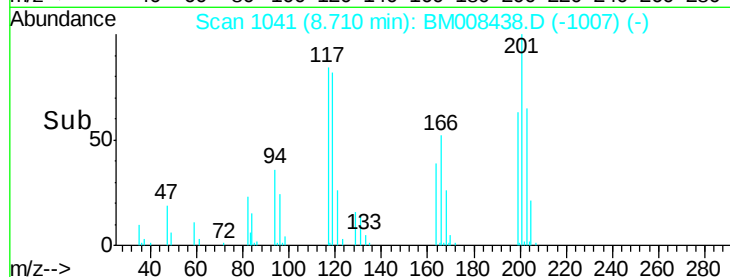
199 75.2 54.9 82.3



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: 21.67 ng/ul

RT: 8.86 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

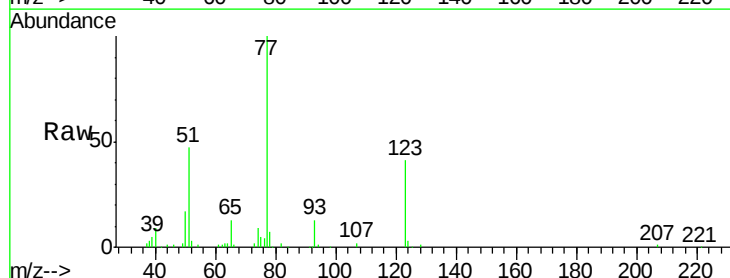
Tgt Ion: 77 Resp: 219136

Ion Ratio Lower Upper

77 100

123 41.3 32.1 48.1

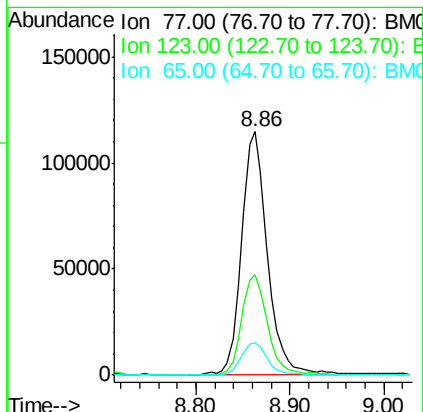
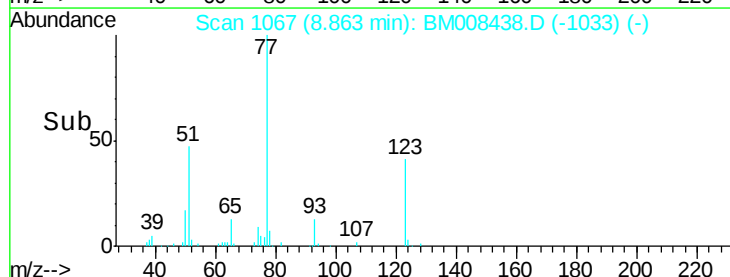
65 13.2 10.6 15.8

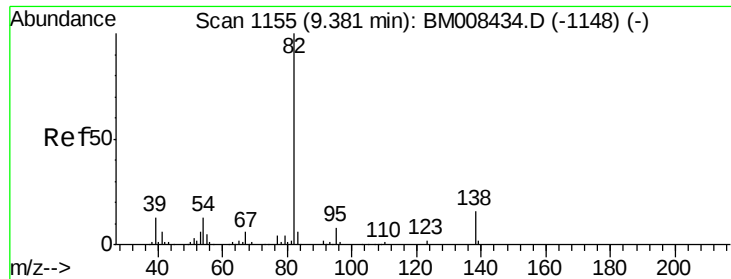


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 21.32 ng/ul

RT: 9.37 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

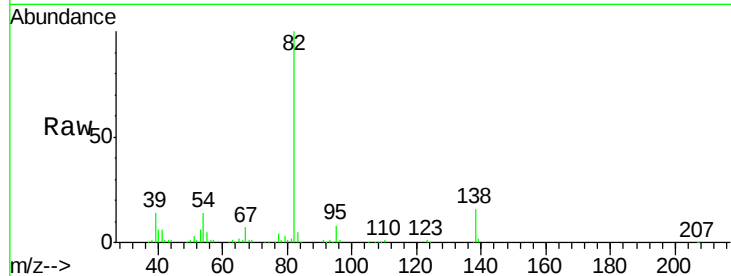
Tgt Ion: 82 Resp: 387731

Ion Ratio Lower Upper

82 100

95 7.6 6.6 9.8

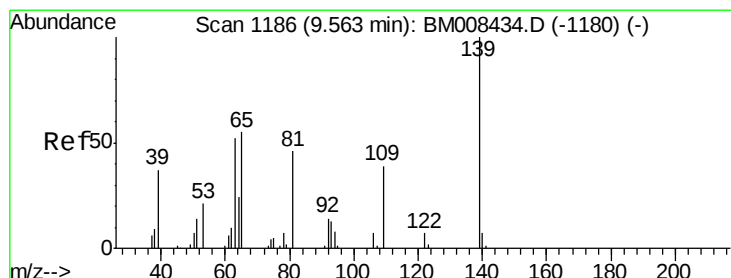
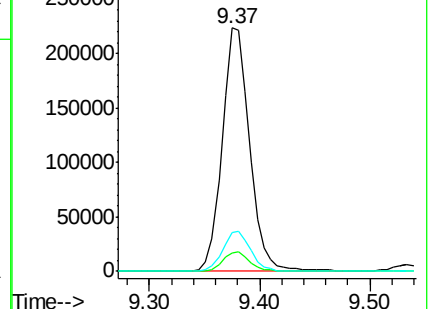
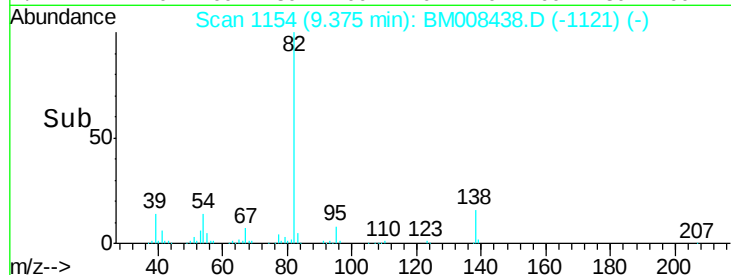
138 16.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BM008438.D (-1154) (-)

Ion 95.00 (94.70 to 95.70): BM008438.D (-1154) (-)

Ion 138.00 (137.70 to 138.70): BM008438.D (-1154) (-)



#23

2-Nitrophenol

Concen: 22.25 ng/ul

RT: 9.57 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

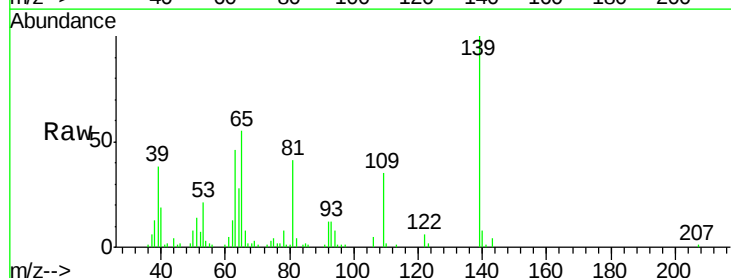
Tgt Ion: 139 Resp: 98903

Ion Ratio Lower Upper

139 100

65 54.8 49.9 74.9

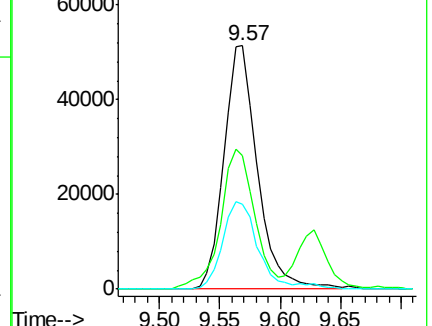
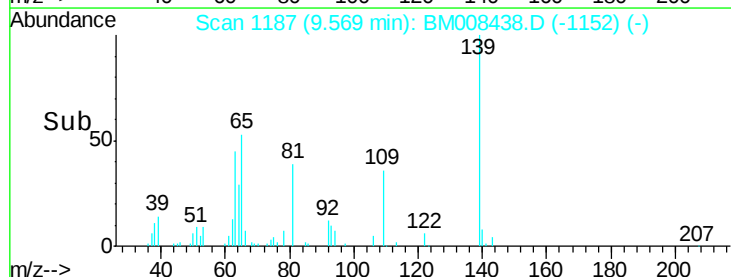
109 34.8 32.2 48.4

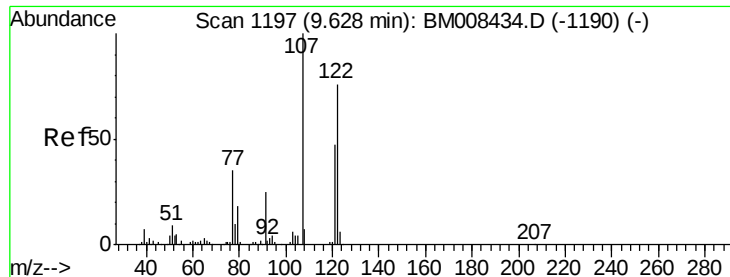


Abundance Ion 139.00 (138.70 to 139.70): BM008438.D (-1186) (-)

Ion 65.00 (64.70 to 65.70): BM008438.D (-1186) (-)

Ion 109.00 (108.70 to 109.70): BM008438.D (-1186) (-)

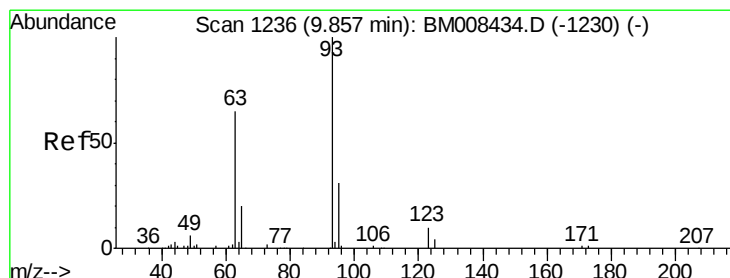
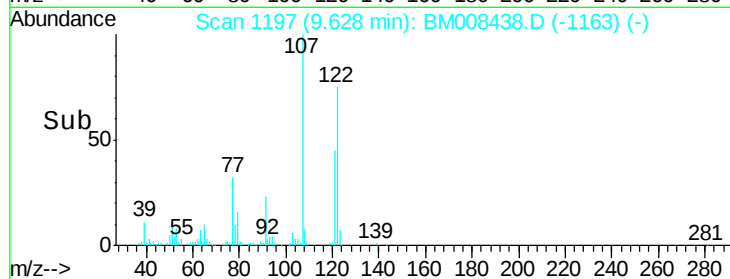
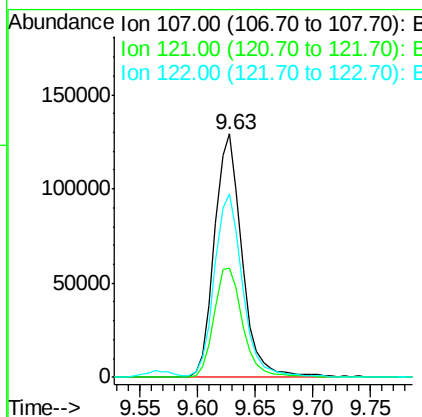
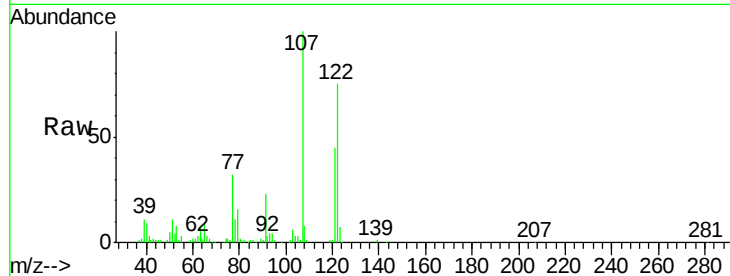




#24  
 2,4-Dimethylphenol  
 Concen: 21.62 ng/ul  
 RT: 9.63 min Scan# 1197  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

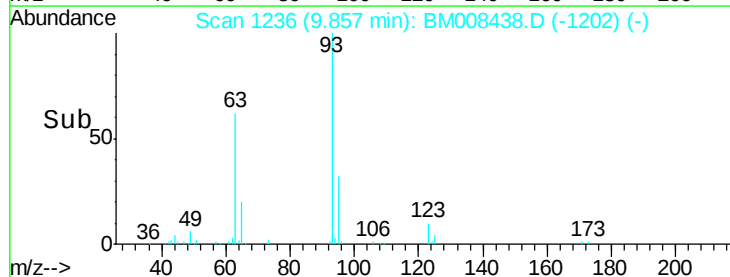
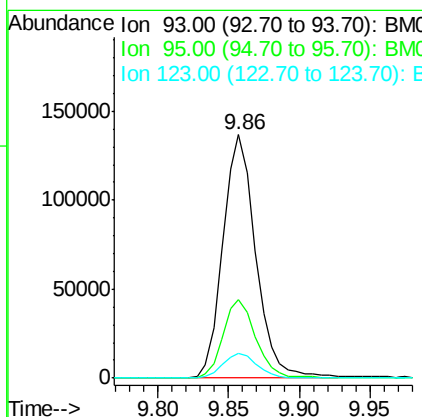
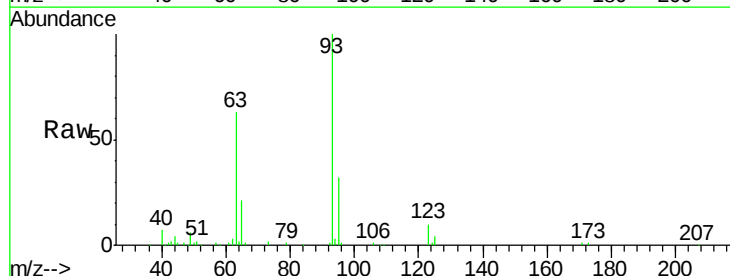
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

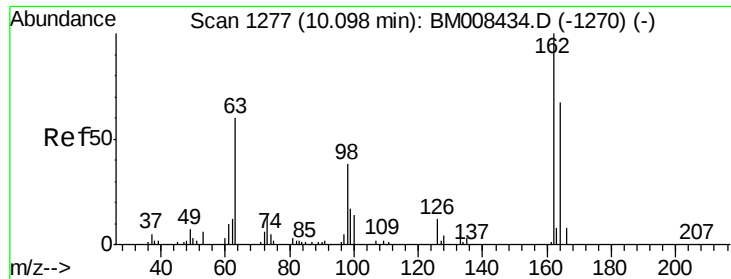
Tgt Ion: 107 Resp: 214731  
 Ion Ratio Lower Upper  
 107 100  
 121 45.1 37.3 55.9  
 122 75.5 58.2 87.4



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 21.50 ng/ul  
 RT: 9.86 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion: 93 Resp: 221988  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 24.5 36.7  
 123 10.3 8.2 12.2

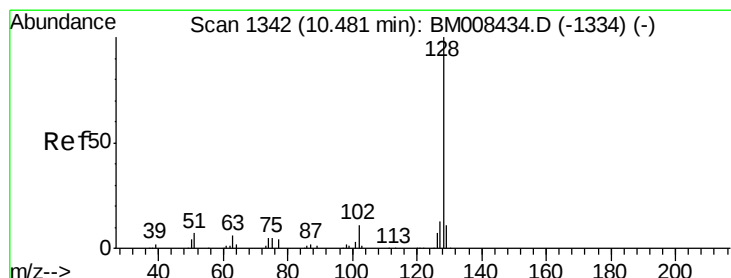
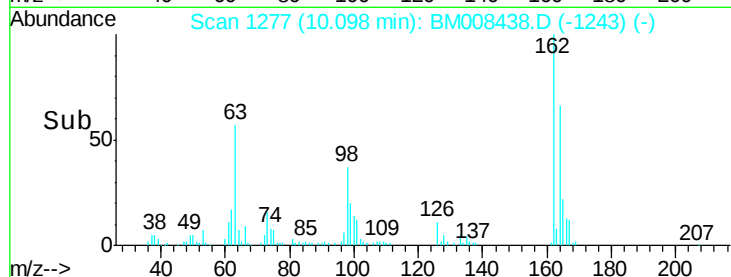
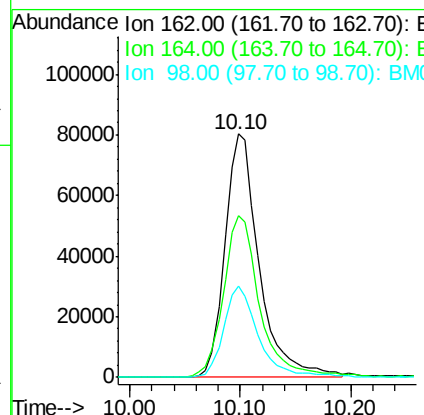
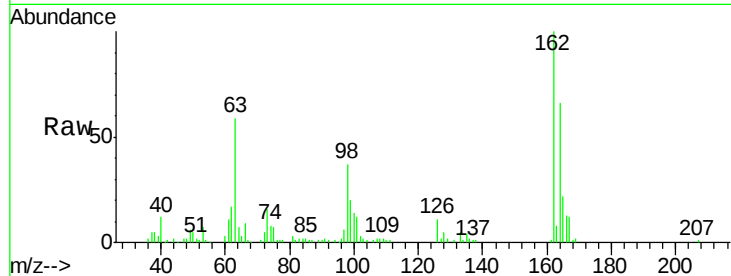




#27  
 2,4-Dichlorophenol  
 Concen: 21.69 ng/ul  
 RT: 10.10 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

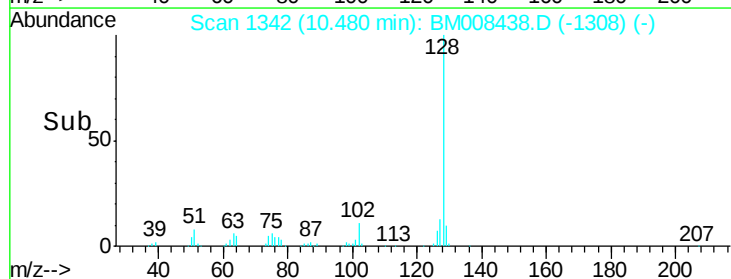
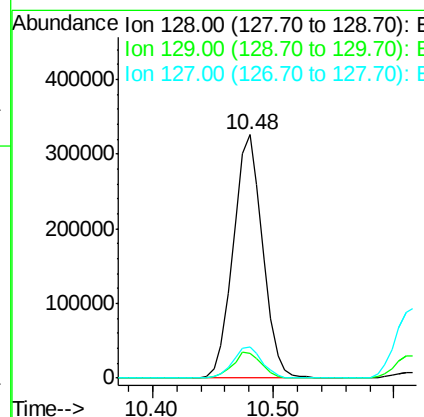
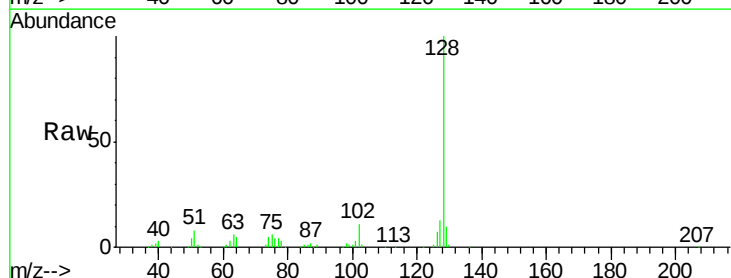
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

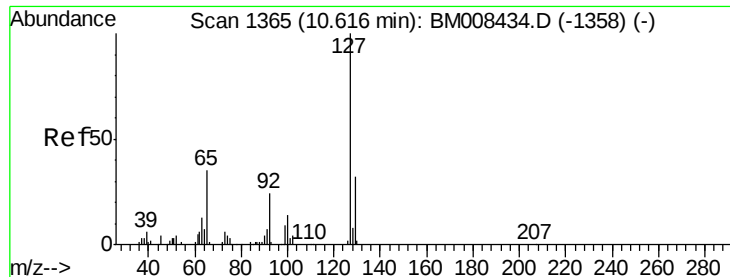
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.2  | 50.4  | 75.6  |
| 98      | 37.5  | 29.1  | 43.7  |



#28  
 Naphthalene  
 Concen: 21.45 ng/ul  
 RT: 10.48 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 8.4   | 12.6  |
| 127     | 12.9  | 10.4  | 15.6  |

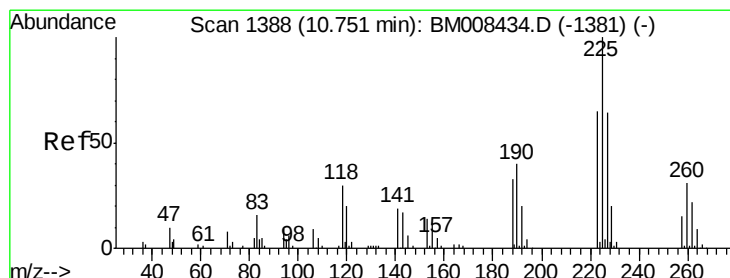
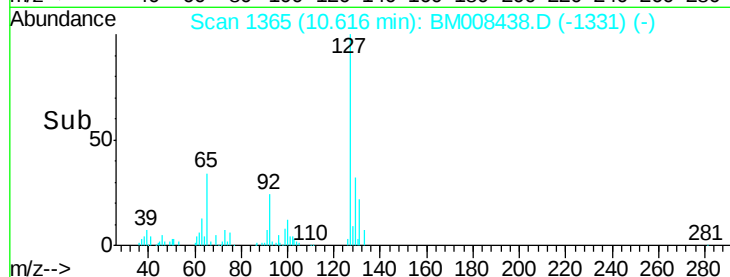
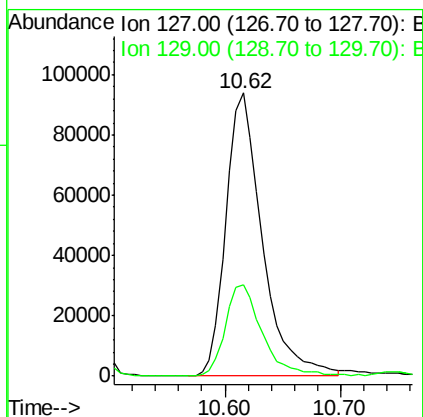
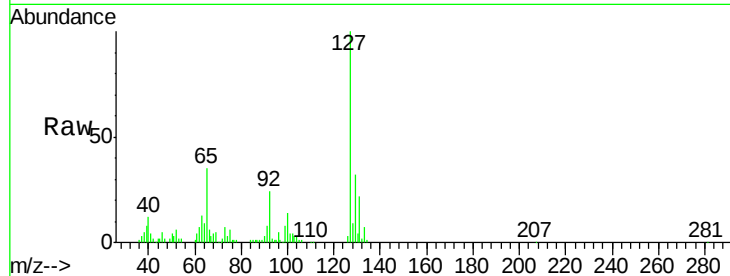




#30  
4-Chloroaniline  
Concen: 22.36 ng/ul  
RT: 10.62 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

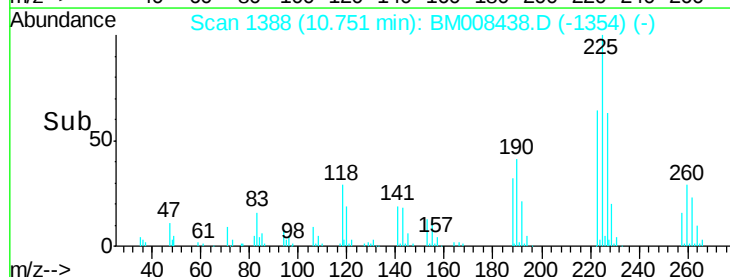
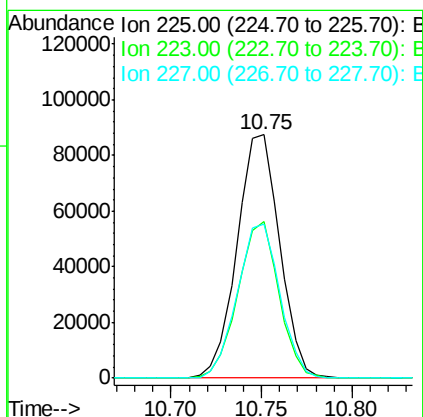
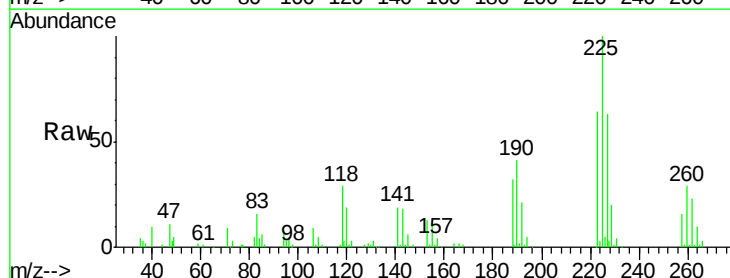
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

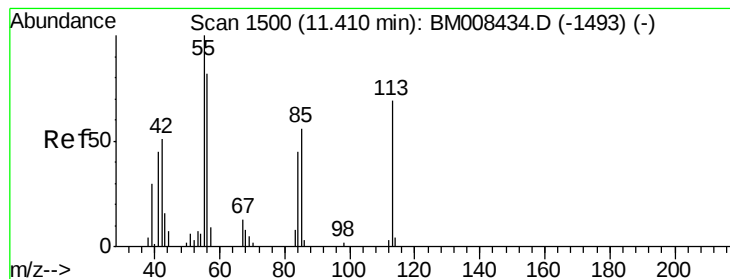
Tgt Ion:127 Resp: 205793  
Ion Ratio Lower Upper  
127 100  
129 32.3 26.8 40.2



#31  
Hexachlorobutadiene  
Concen: 21.97 ng/ul  
RT: 10.75 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Tgt Ion:225 Resp: 143340  
Ion Ratio Lower Upper  
225 100  
223 64.1 47.7 71.5  
227 63.2 51.0 76.6





#32

Caprolactam

Concen: 19.73 ng/ul

RT: 11.41 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

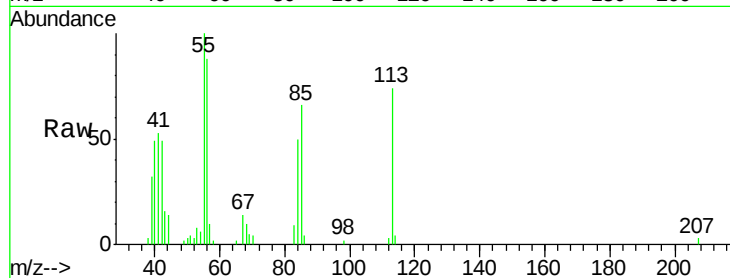
Tgt Ion:113 Resp: 49700

Ion Ratio Lower Upper

113 100

55 135.6 126.1 189.1

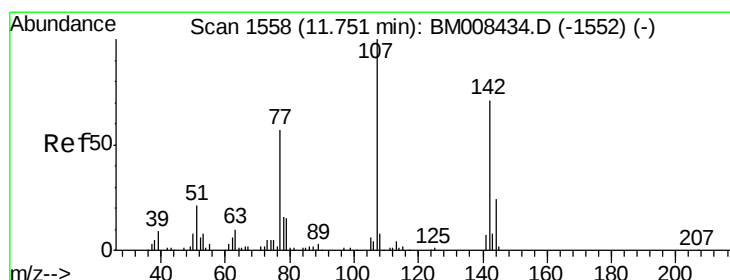
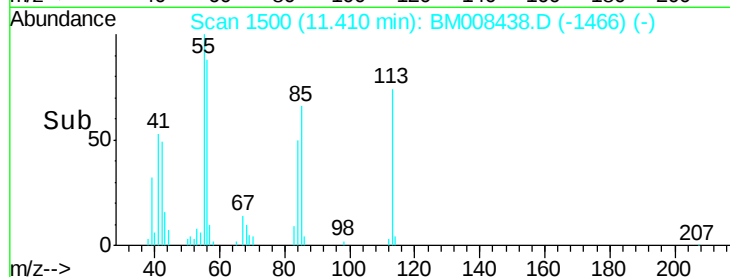
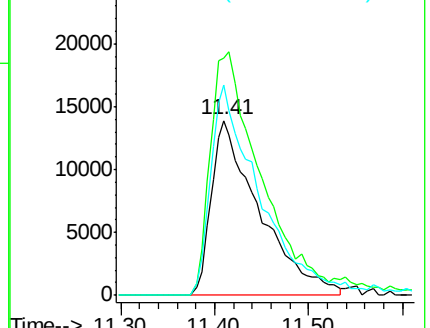
56 119.9 91.3 136.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 21.22 ng/ul

RT: 11.75 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

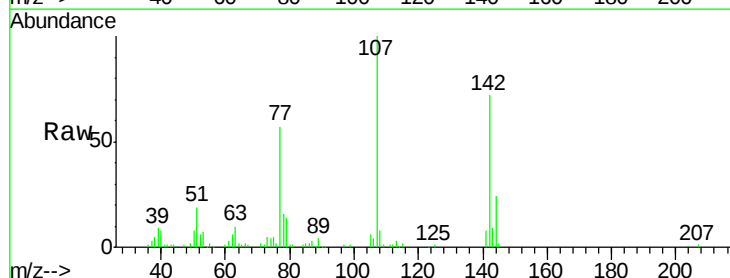
Tgt Ion:107 Resp: 184340

Ion Ratio Lower Upper

107 100

144 24.3 17.9 26.9

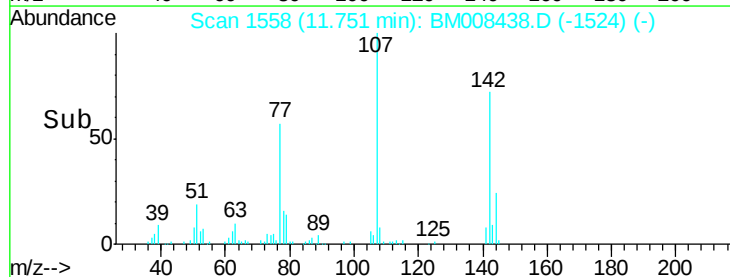
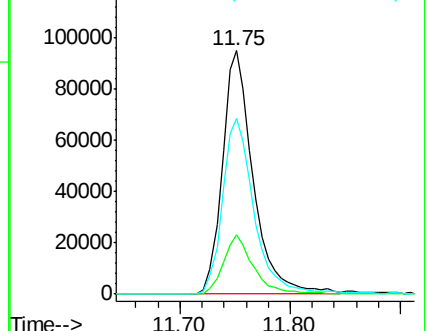
142 72.0 57.0 85.6

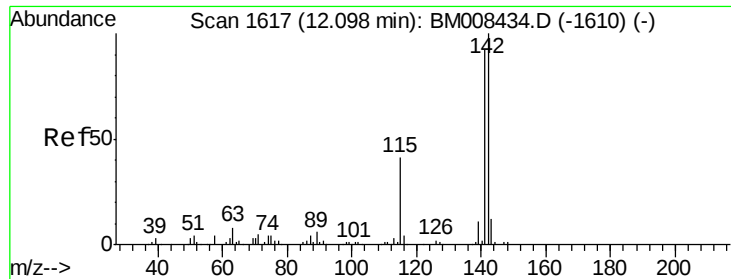


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

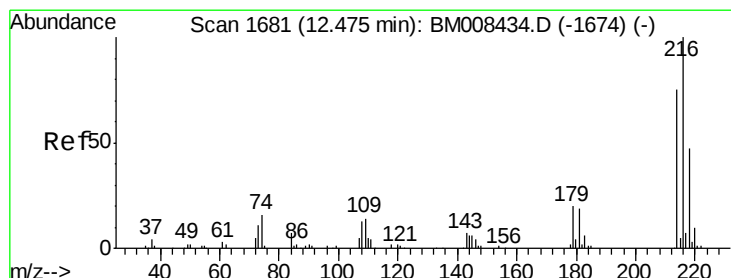
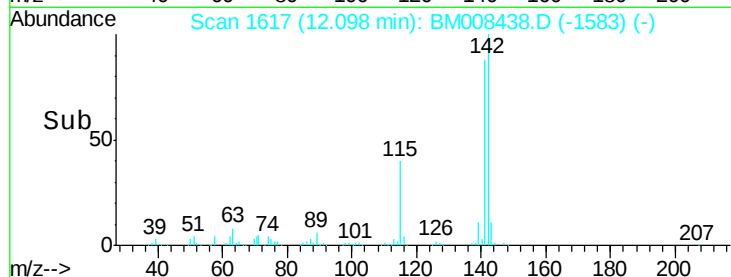
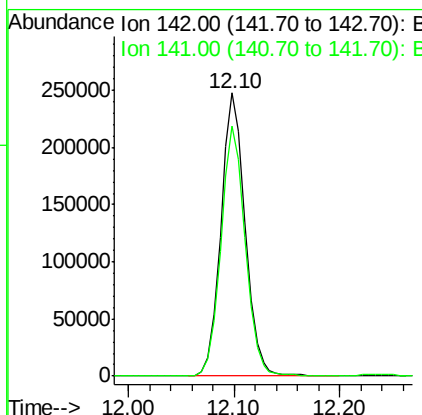
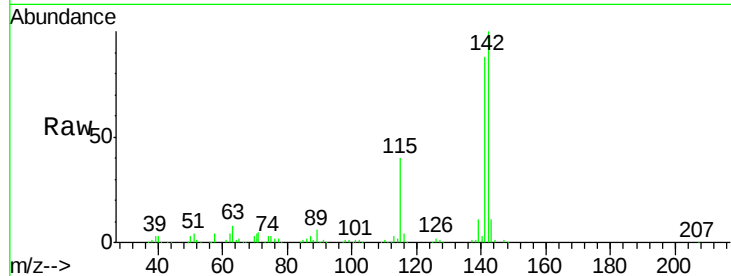




#34  
 2-Methylnaphthalene  
 Concen: 21.23 ng/ul  
 RT: 12.10 min Scan# 1617  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

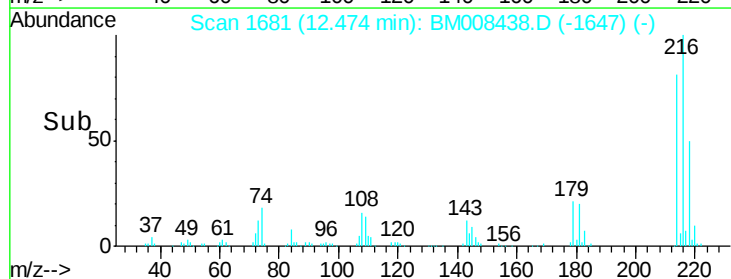
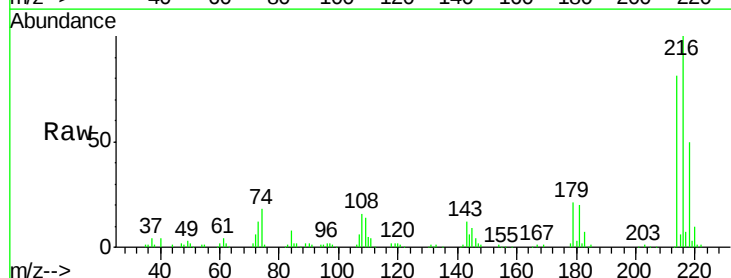
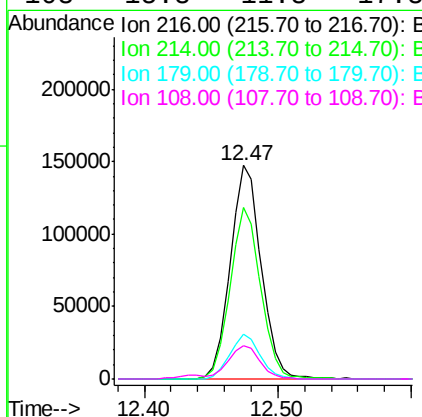
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

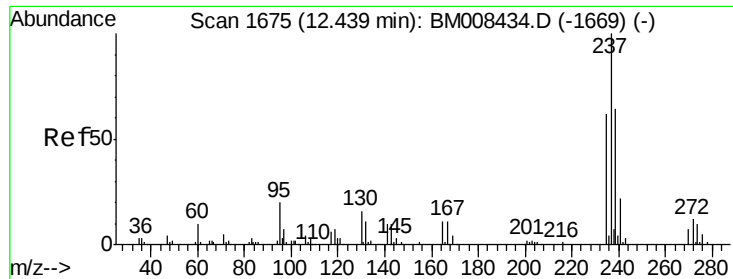
Tgt Ion:142 Resp: 394281  
 Ion Ratio Lower Upper  
 142 100  
 141 88.2 71.1 106.7



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.76 ng/ul  
 RT: 12.47 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion:216 Resp: 238611  
 Ion Ratio Lower Upper  
 216 100  
 214 80.5 62.7 94.1  
 179 20.9 15.8 23.8  
 108 15.8 11.8 17.8





#37

Hexachlorocyclopentadiene

Concen: 25.35 ng/ul

RT: 12.44 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

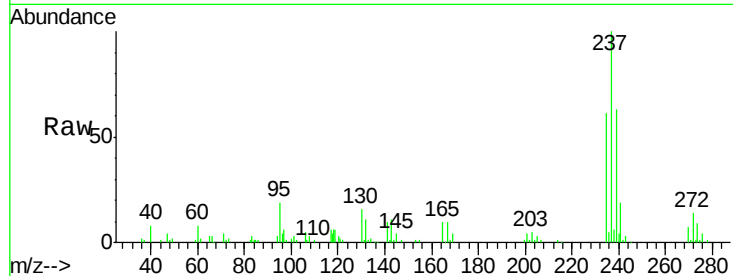
Tgt Ion:237 Resp: 112316

Ion Ratio Lower Upper

237 100

235 61.1 49.0 73.4

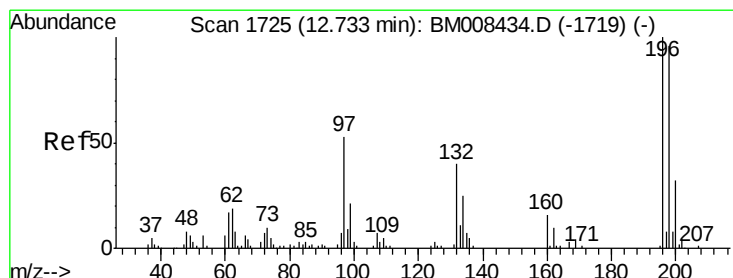
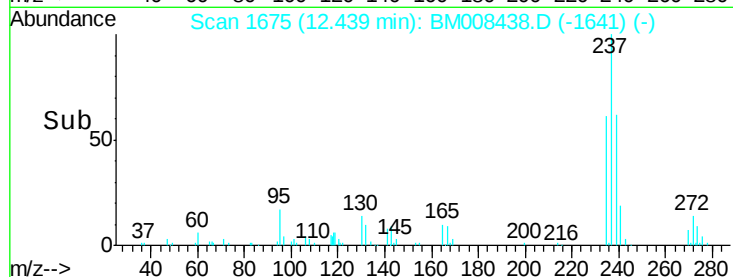
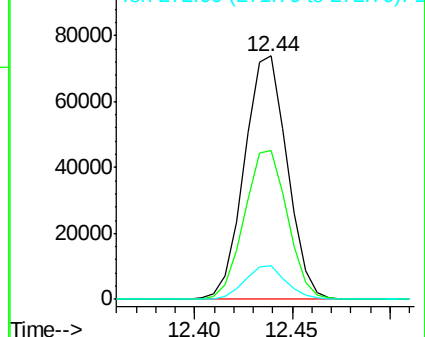
272 13.9 10.2 15.2



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.09 ng/ul

RT: 12.73 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

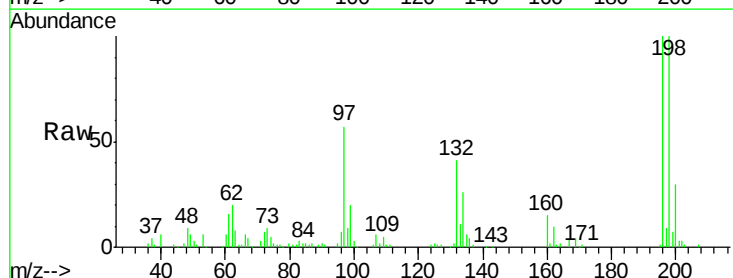
Tgt Ion:196 Resp: 137518

Ion Ratio Lower Upper

196 100

198 99.7 75.4 113.2

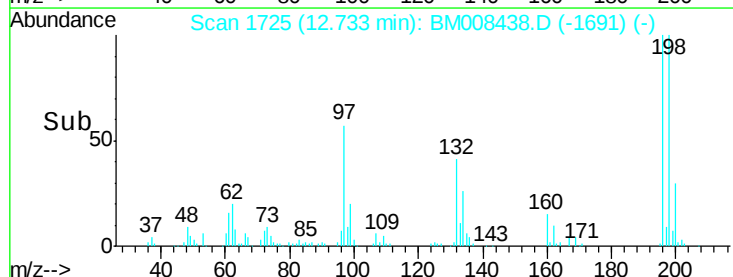
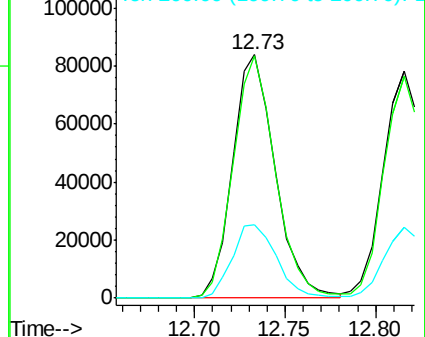
200 30.0 25.5 38.3

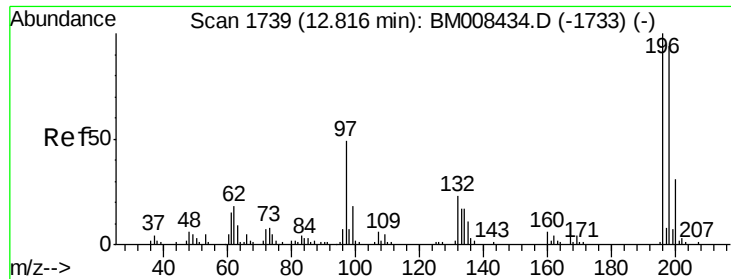


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

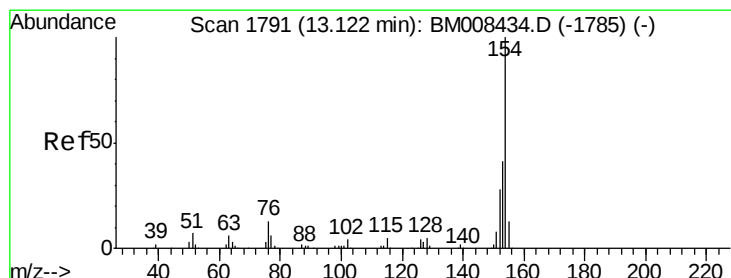
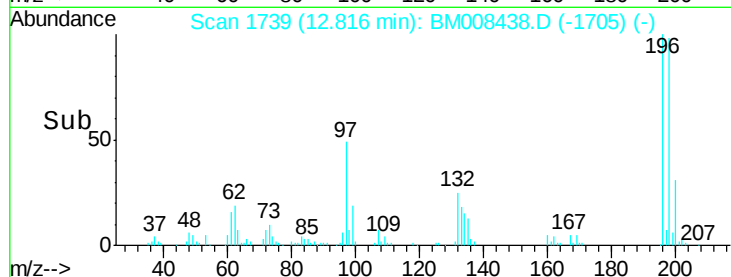
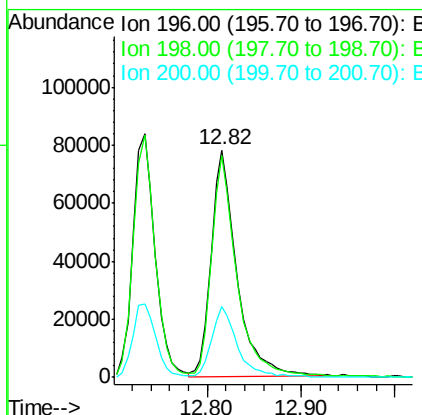
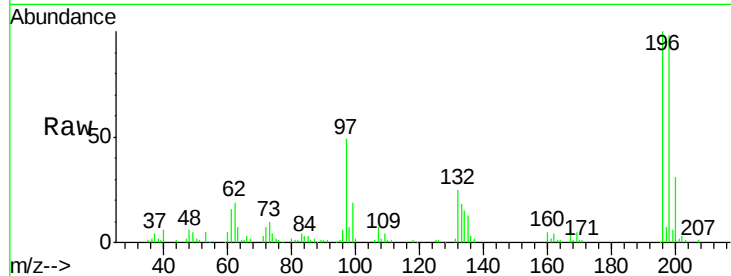




#39  
 2,4,5-Trichlorophenol  
 Concen: 22.01 ng/ul  
 RT: 12.82 min Scan# 1739  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

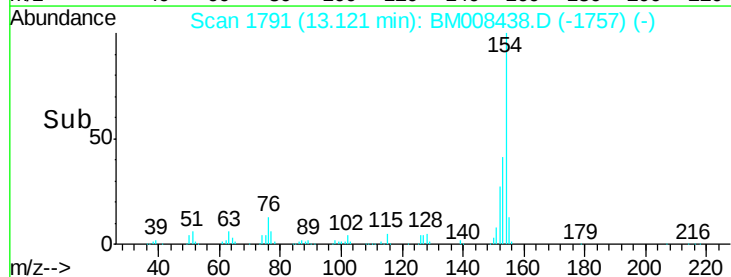
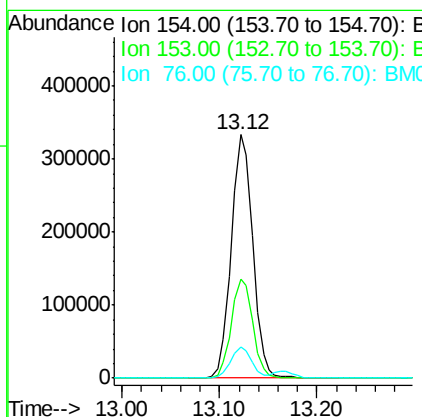
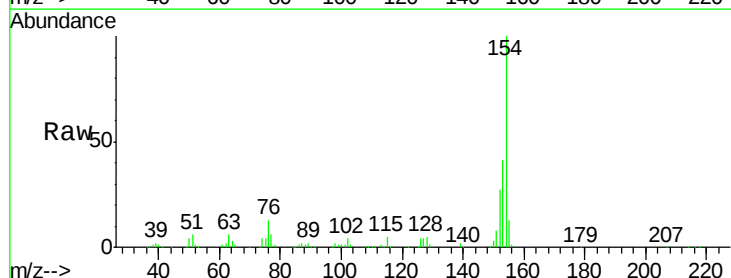
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

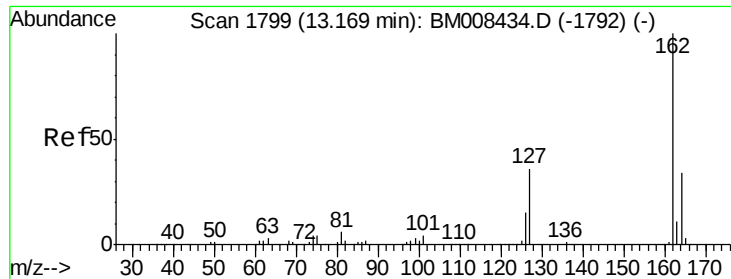
Tgt Ion:196 Resp: 149466  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 77.2 115.8  
 200 31.1 25.0 37.6



#40  
 1,1'-Biphenyl  
 Concen: 21.90 ng/ul  
 RT: 13.12 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion:154 Resp: 511792  
 Ion Ratio Lower Upper  
 154 100  
 153 40.8 32.0 48.0  
 76 12.8 9.4 14.0

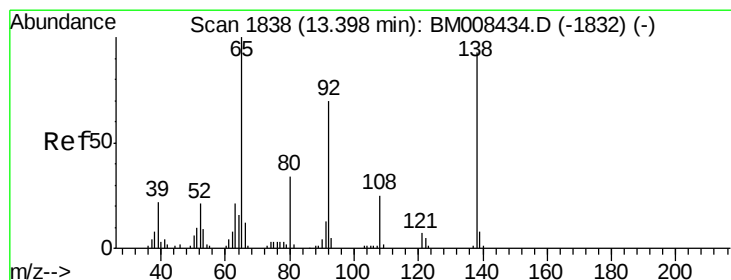
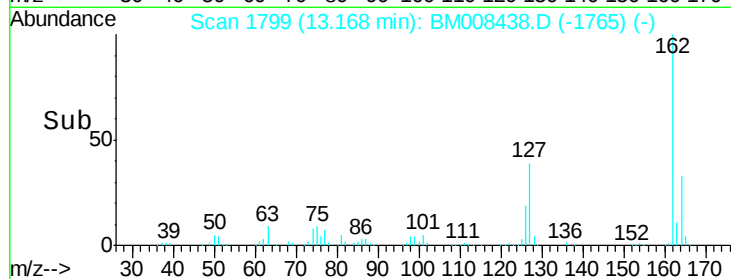
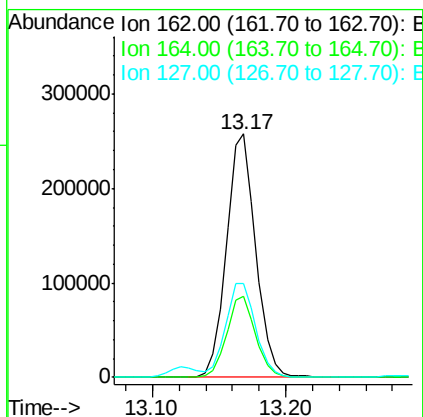
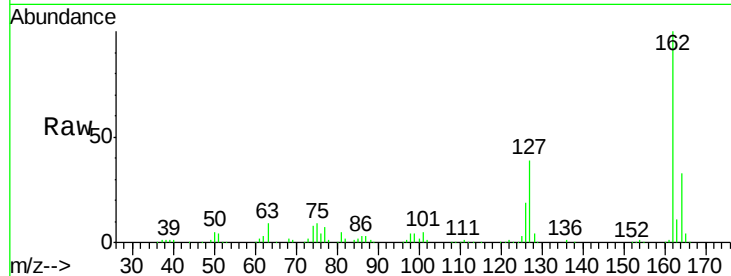




#41  
 2-Chloronaphthalene  
 Concen: 22.05 ng/ul  
 RT: 13.17 min Scan# 1799  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

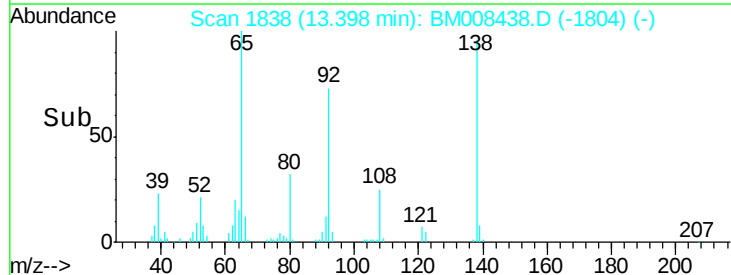
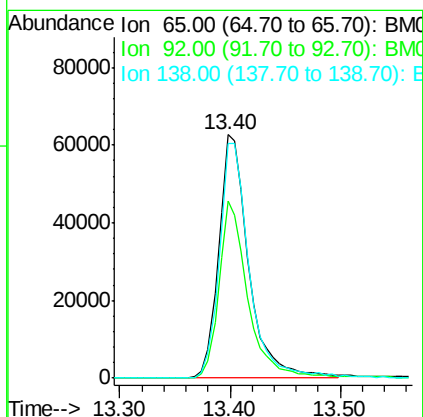
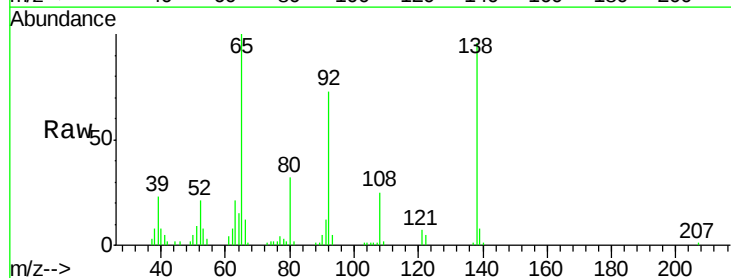
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

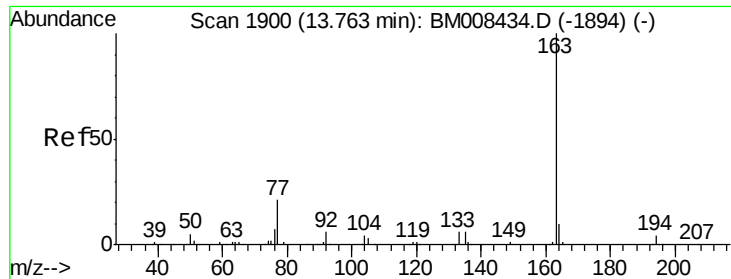
Tgt Ion: 162 Resp: 395122  
 Ion Ratio Lower Upper  
 162 100  
 164 33.2 25.2 37.8  
 127 38.7 31.6 47.4



#42  
 2-Nitroaniline  
 Concen: 22.40 ng/ul  
 RT: 13.40 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion: 65 Resp: 118715  
 Ion Ratio Lower Upper  
 65 100  
 92 72.8 56.5 84.7  
 138 96.2 73.8 110.6





#44

Dimethylphthalate

Concen: 21.40 ng/ul

RT: 13.76 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

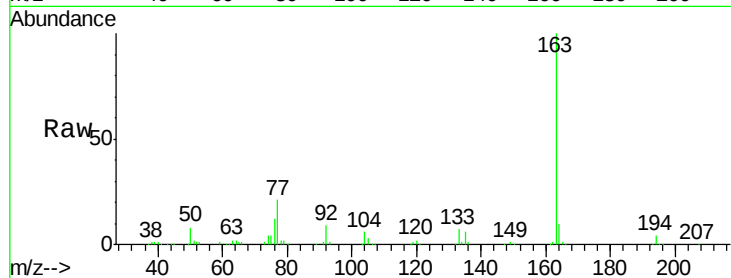
Tgt Ion:163 Resp: 488414

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

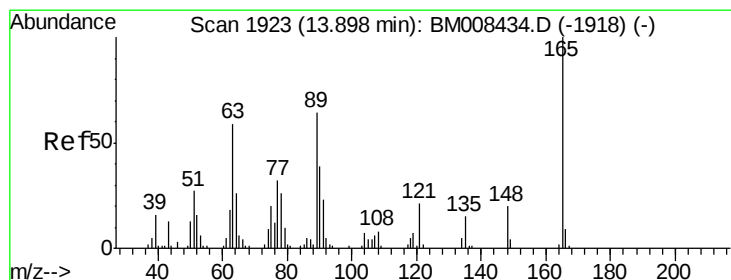
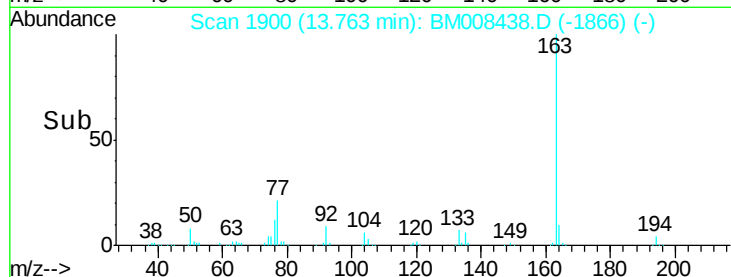
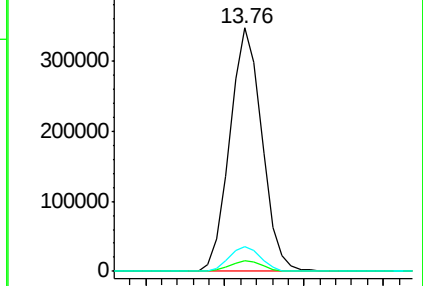
164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 22.97 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

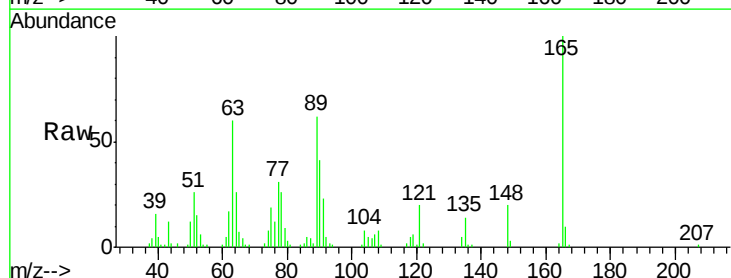
Tgt Ion:165 Resp: 102113

Ion Ratio Lower Upper

165 100

89 62.2 52.0 78.0

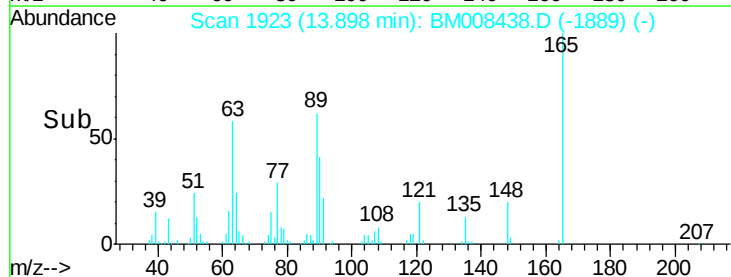
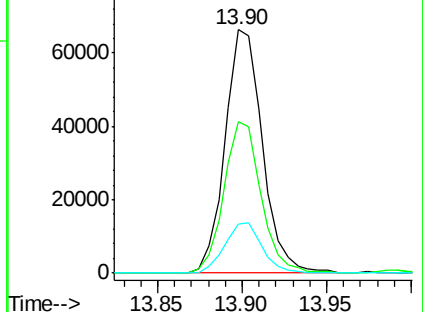
121 20.1 18.6 27.8

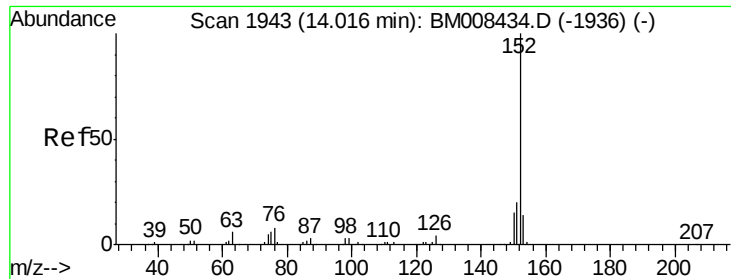


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

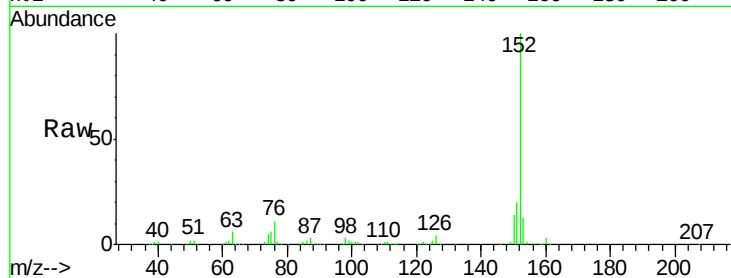




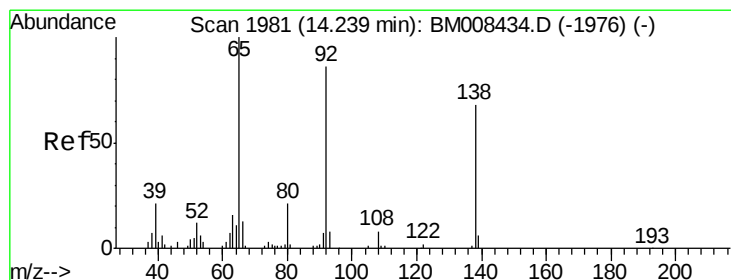
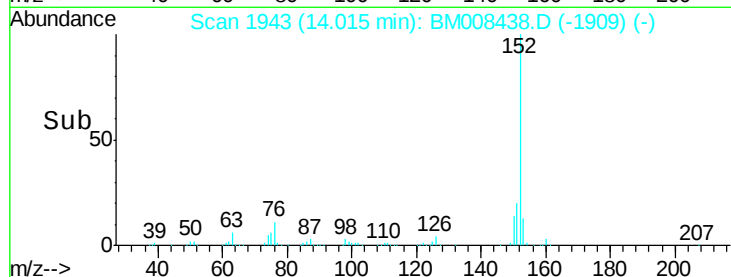
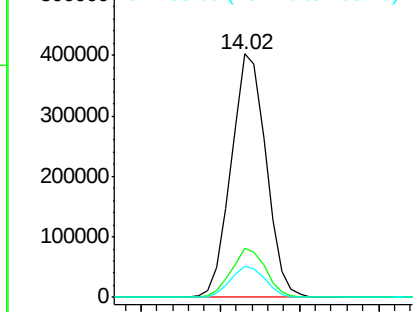
#47  
 Acenaphthylene  
 Concen: 21.91 ng/ul  
 RT: 14.02 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

Tgt Ion:152 Resp: 613682  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 15.3 22.9  
 153 12.6 9.9 14.9

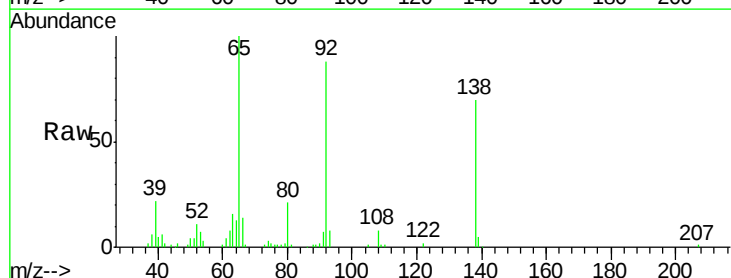


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 151.00 (150.70 to 151.70): E  
 Ion 153.00 (152.70 to 153.70): E

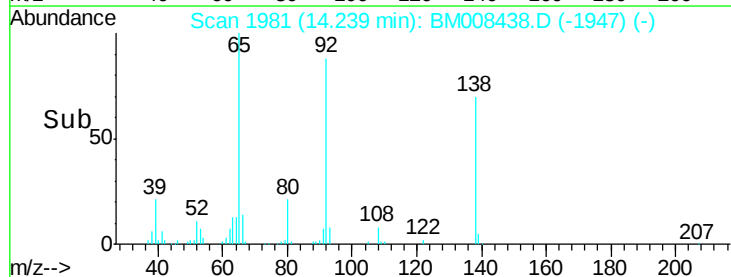
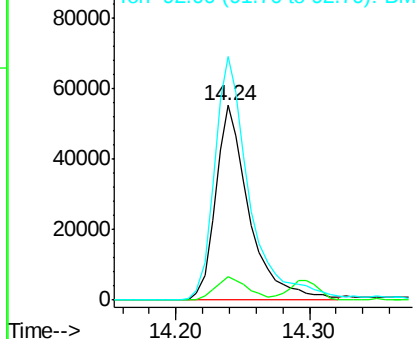


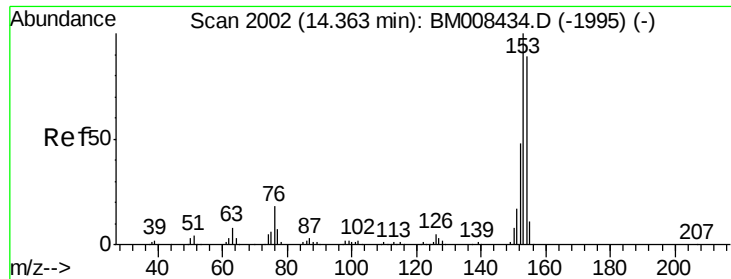
#48  
 3-Nitroaniline  
 Concen: 21.94 ng/ul  
 RT: 14.24 min Scan# 1981  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion:138 Resp: 97184  
 Ion Ratio Lower Upper  
 138 100  
 108 11.9 9.0 13.6  
 92 125.0 100.6 150.8



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





#49

Acenaphthene

Concen: 21.57 ng/ul

RT: 14.36 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

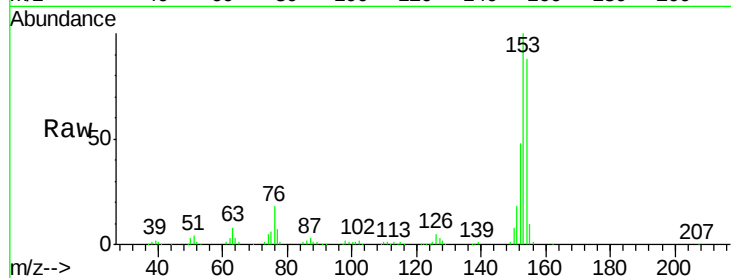
Tgt Ion:153 Resp: 415141

Ion Ratio Lower Upper

153 100

152 47.7 36.6 54.8

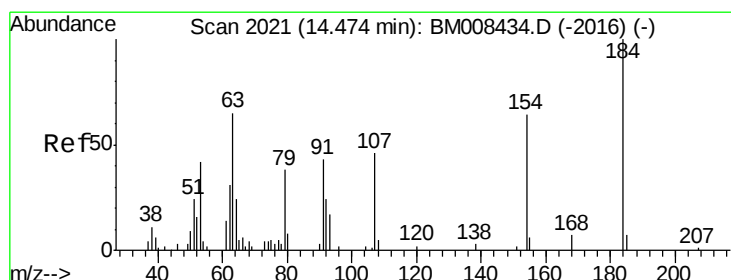
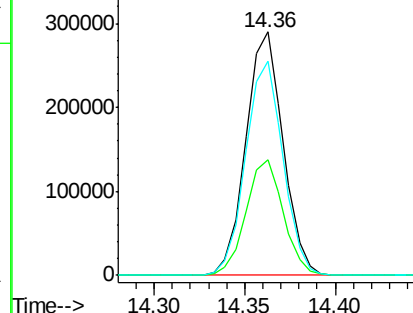
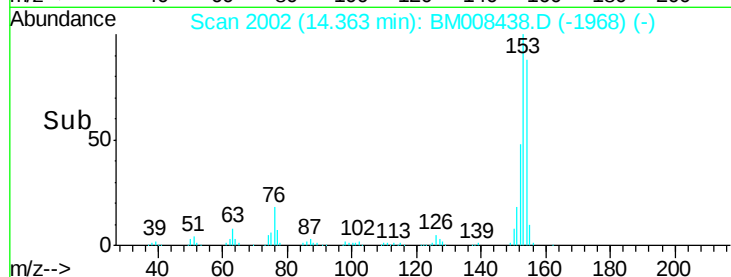
154 88.2 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 20.93 ng/ul

RT: 14.47 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

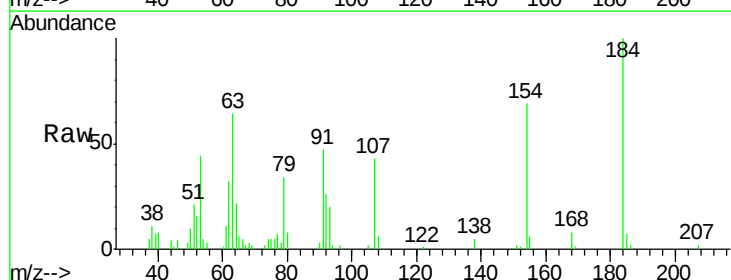
Tgt Ion:184 Resp: 53979

Ion Ratio Lower Upper

184 100

63 64.1 51.9 77.9

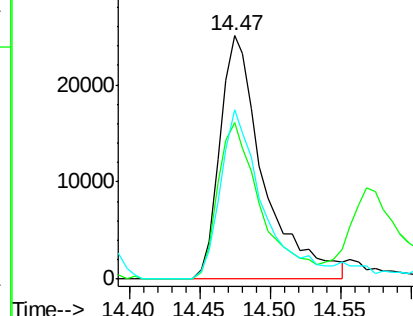
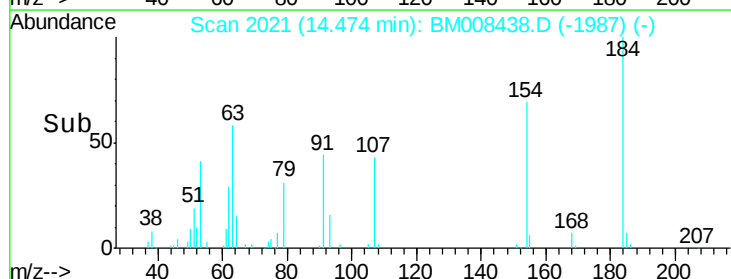
154 69.4 48.5 72.7

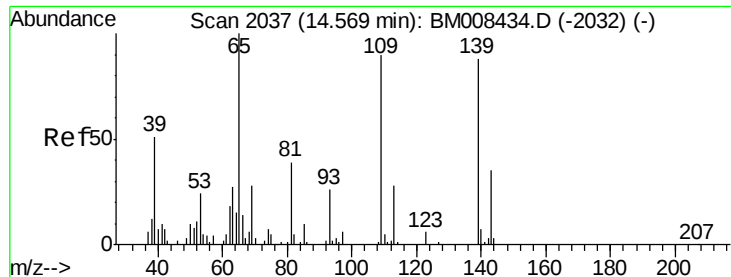


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 15.28 ng/ul

RT: 14.57 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

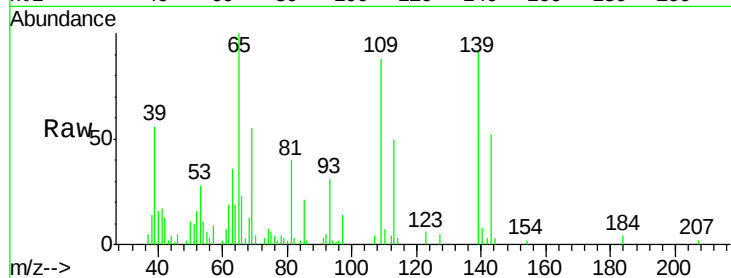
Tgt Ion:109 Resp: 50278

Ion Ratio Lower Upper

109 100

139 103.9 83.3 124.9

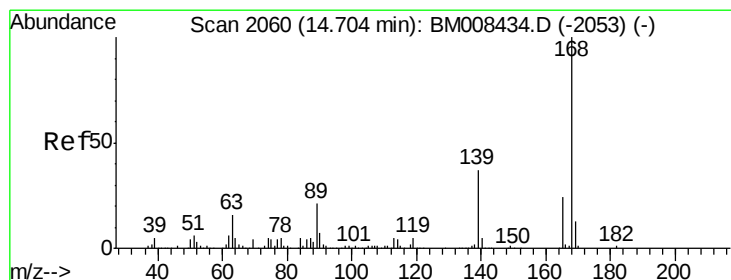
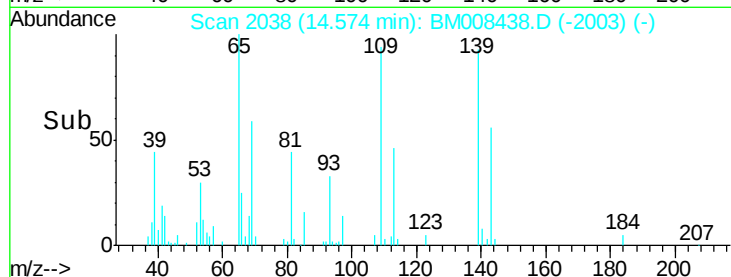
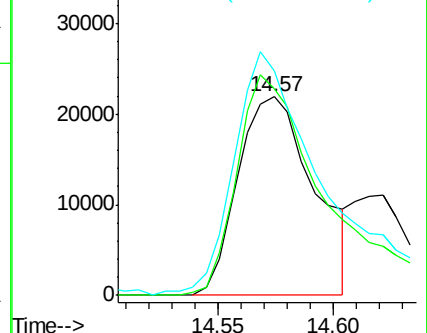
65 113.1 93.0 139.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 21.45 ng/ul

RT: 14.70 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM008438.D

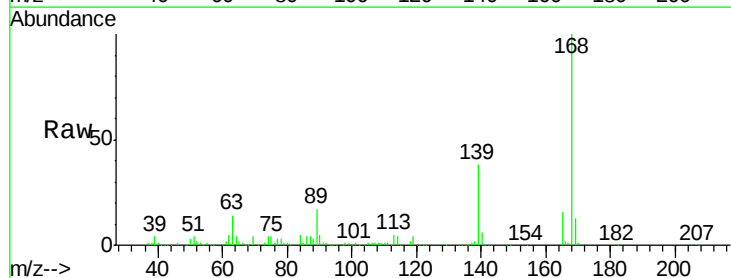
Acq: 18 Dec 2016 15:11

Tgt Ion:168 Resp: 601675

Ion Ratio Lower Upper

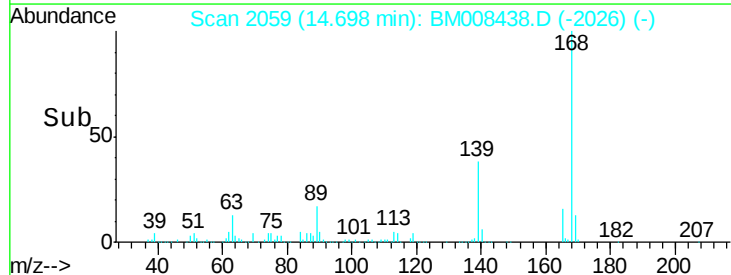
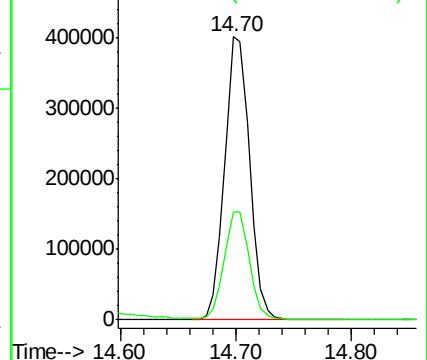
168 100

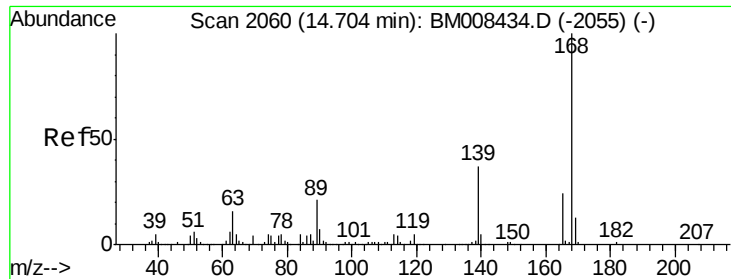
139 38.3 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

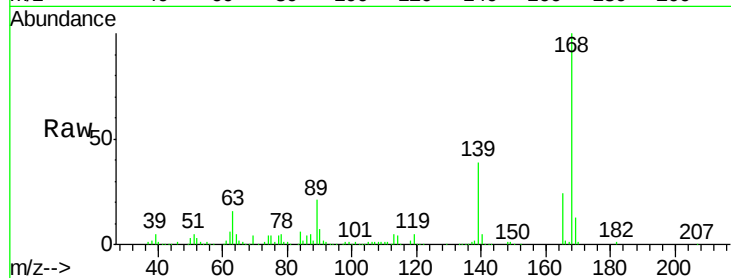




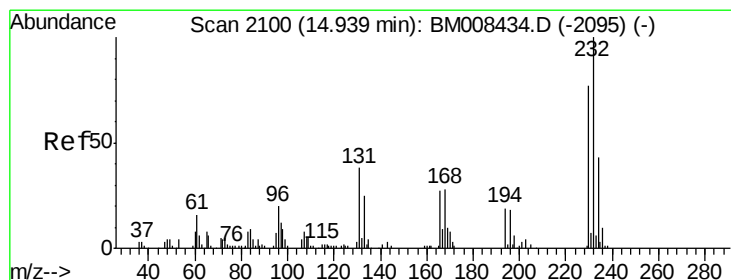
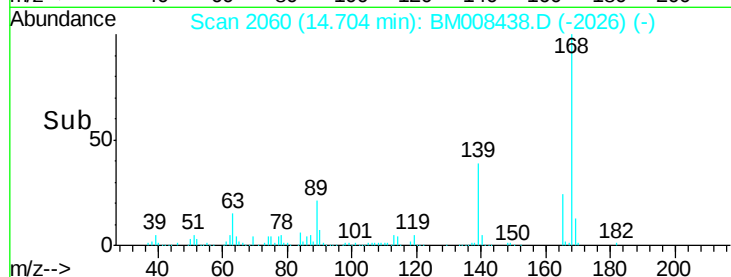
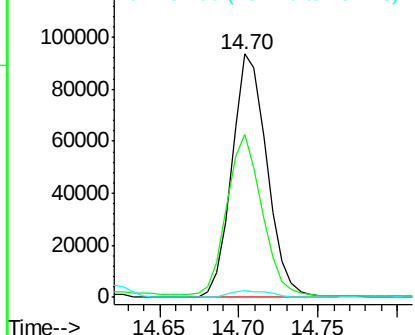
#54  
2,4-Dinitrotoluene  
Concen: 21.55 ng/ul  
RT: 14.70 min Scan# 2060  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

Tgt Ion:165 Resp: 143506  
Ion Ratio Lower Upper  
165 100  
63 67.1 56.8 85.2  
182 2.9 2.3 3.5

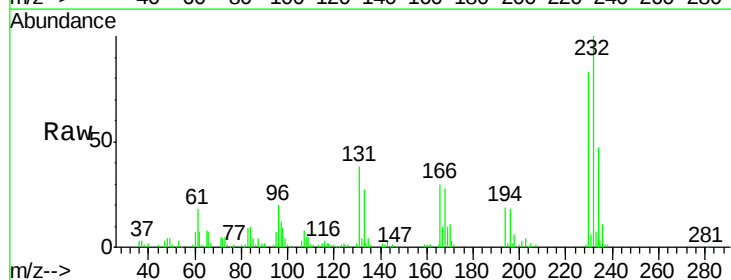


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 182.00 (181.70 to 182.70): E

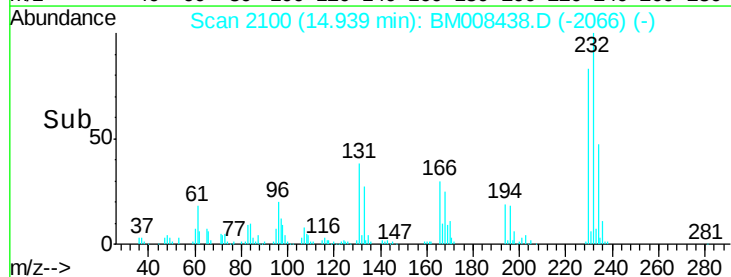
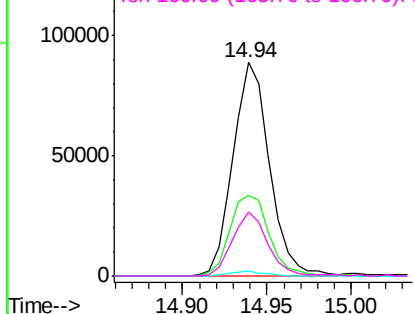


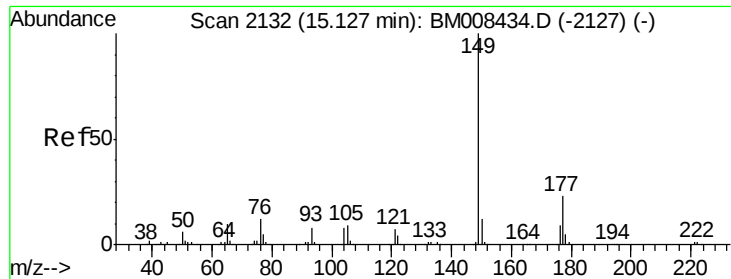
#55  
2,3,4,6-Tetrachlorophenol  
Concen: 21.35 ng/ul  
RT: 14.94 min Scan# 2100  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Tgt Ion:232 Resp: 133929  
Ion Ratio Lower Upper  
232 100  
131 37.7 34.2 51.4  
130 2.1 2.1 3.1  
166 29.9 23.7 35.5



Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

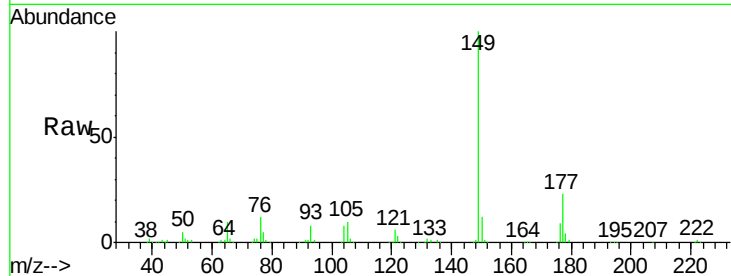




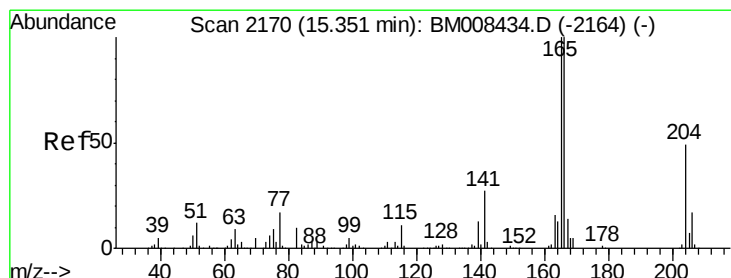
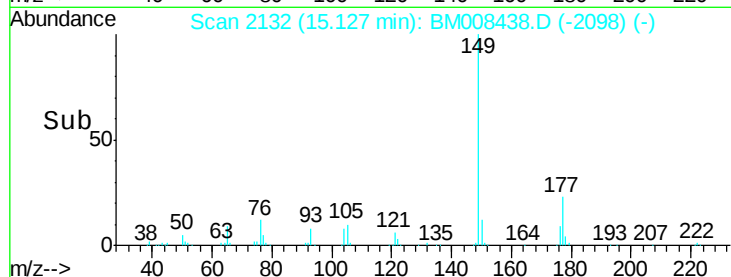
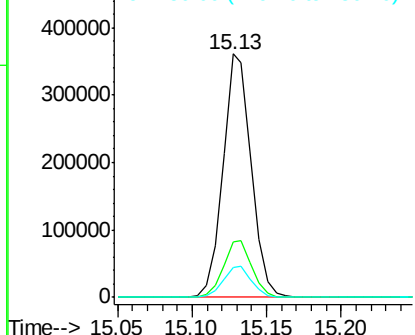
#56  
Diethylphthalate  
Concen: 21.07 ng/ul  
RT: 15.13 min Scan# 2132  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

Tgt Ion:149 Resp: 478458  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.5 27.7  
150 12.3 10.6 15.8

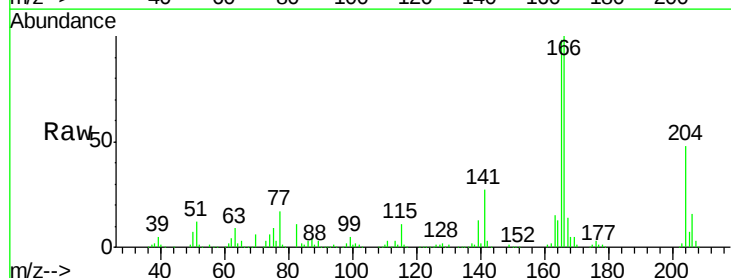


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

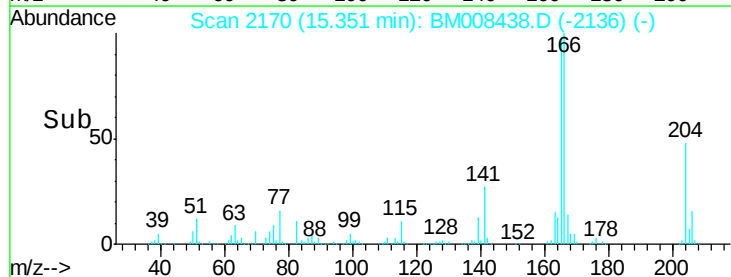
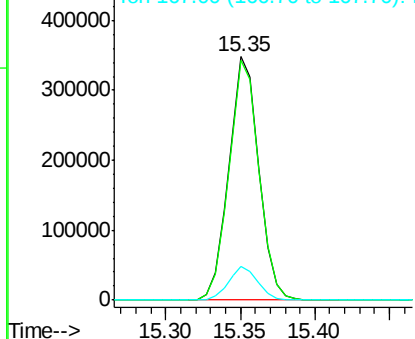


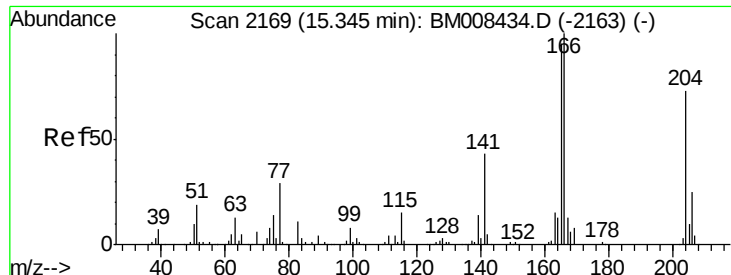
#58  
Fluorene  
Concen: 21.26 ng/ul  
RT: 15.35 min Scan# 2170  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Tgt Ion:166 Resp: 489863  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.3 118.9  
167 13.7 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

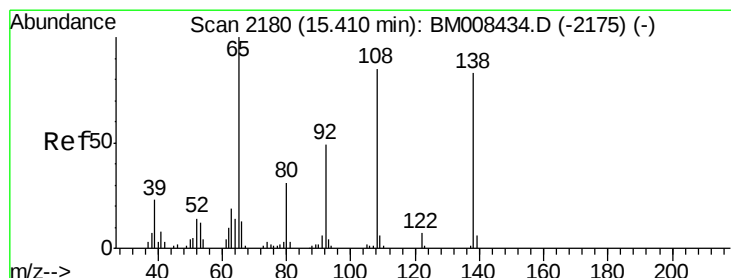
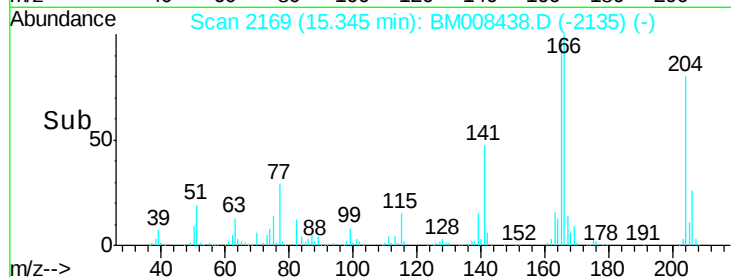
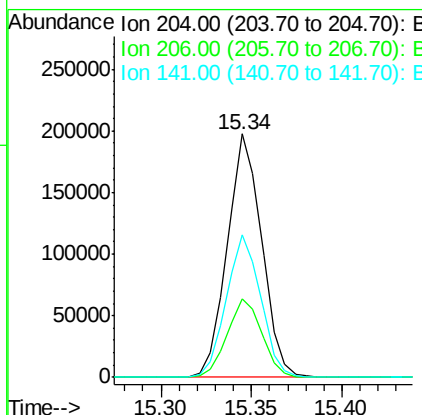
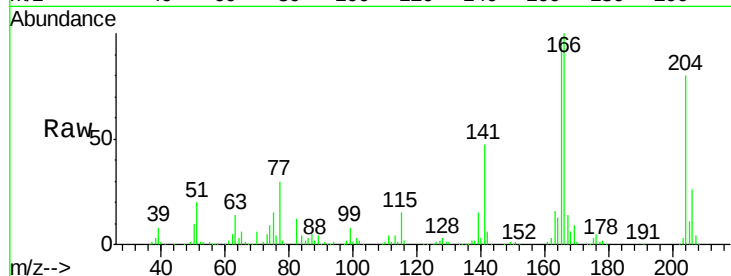




#59  
 4-Chlorophenyl-phenylether  
 Concen: 21.32 ng/ul  
 RT: 15.34 min Scan# 2169  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

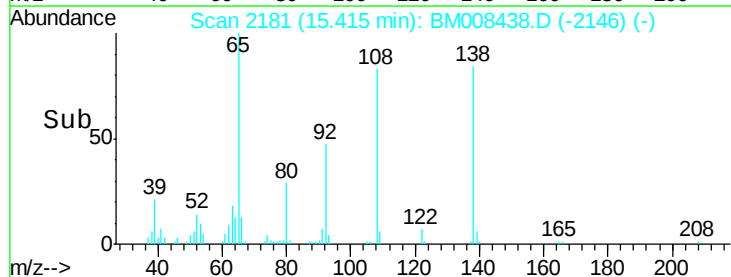
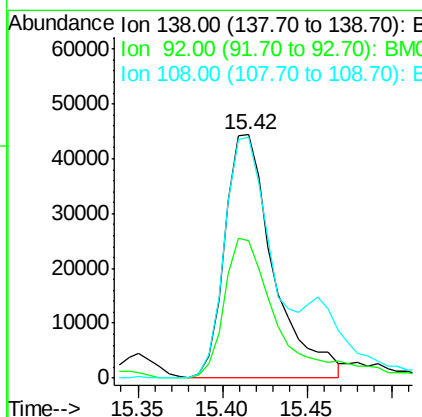
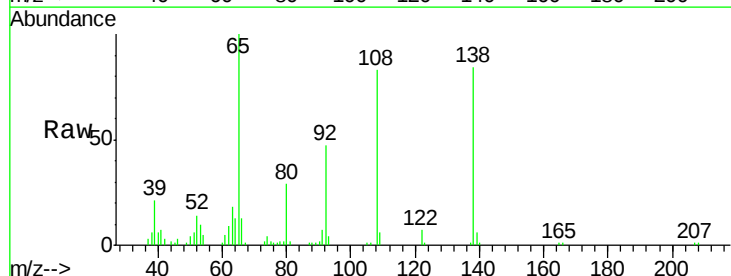
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

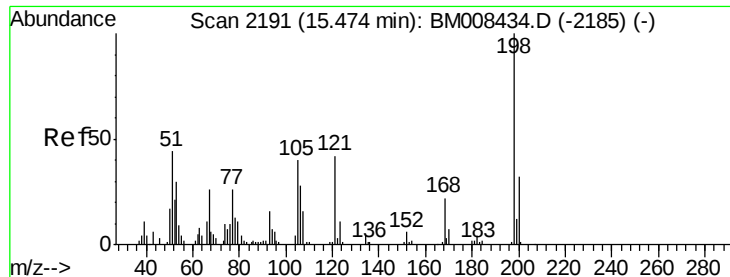
Tgt Ion: 204 Resp: 261179  
 Ion Ratio Lower Upper  
 204 100  
 206 32.2 25.9 38.9  
 141 58.6 46.1 69.1



#60  
 4-Nitroaniline  
 Concen: 20.83 ng/ul  
 RT: 15.42 min Scan# 2181  
 Delta R.T. 0.01 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

Tgt Ion: 138 Resp: 88790  
 Ion Ratio Lower Upper  
 138 100  
 92 56.3 50.8 76.2  
 108 99.1 84.2 126.4





#63

4,6-Dinitro-2-methylphenol

Concen: 18.75 ng/ul

RT: 15.47 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

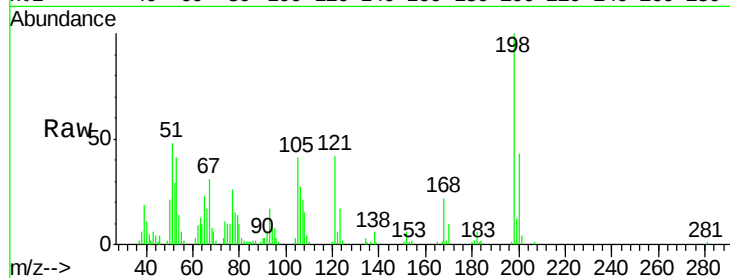
Tgt Ion:198 Resp: 80254

Ion Ratio Lower Upper

198 100

182 6.0 4.2 6.2

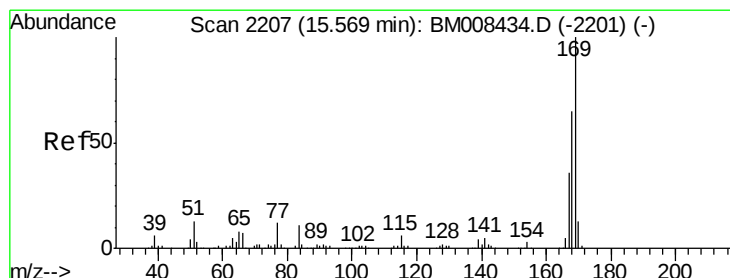
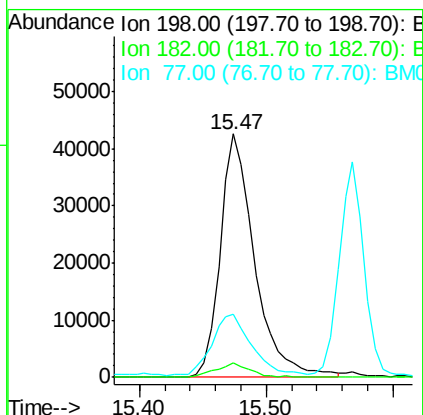
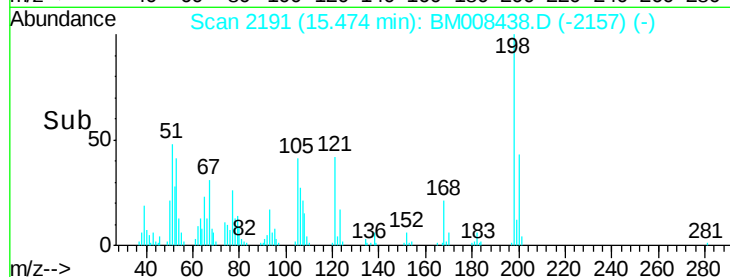
77 25.9 23.0 34.4



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): BMO



#64

N-Nitrosodiphenylamine

Concen: 21.95 ng/ul

RT: 15.57 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

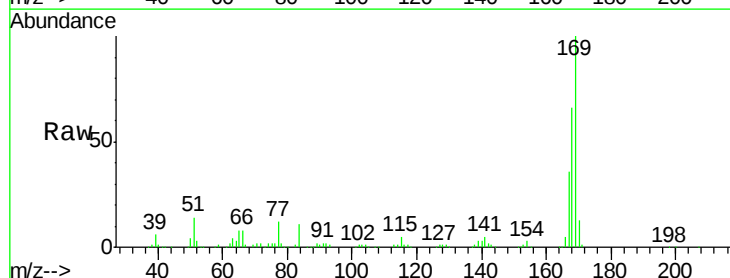
Tgt Ion:169 Resp: 419036

Ion Ratio Lower Upper

169 100

168 65.6 55.0 82.4

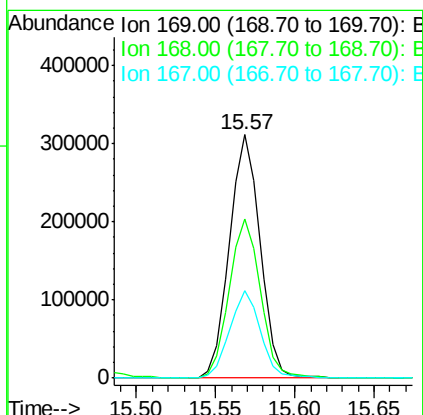
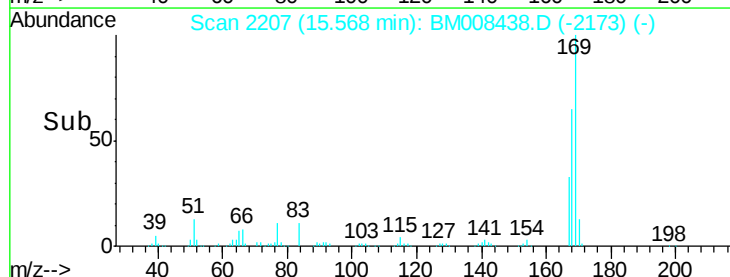
167 35.9 29.3 43.9

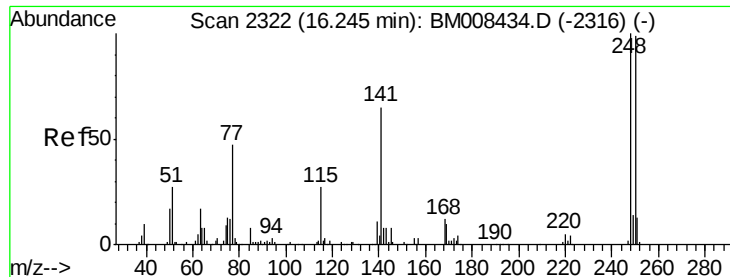


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

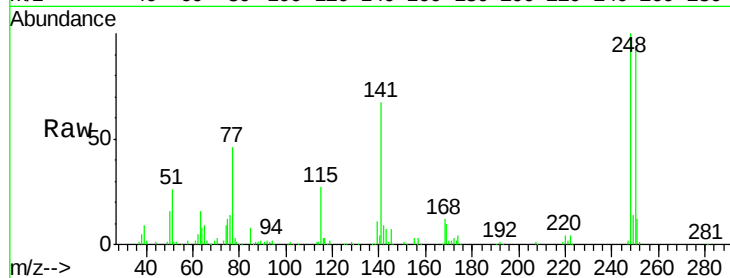




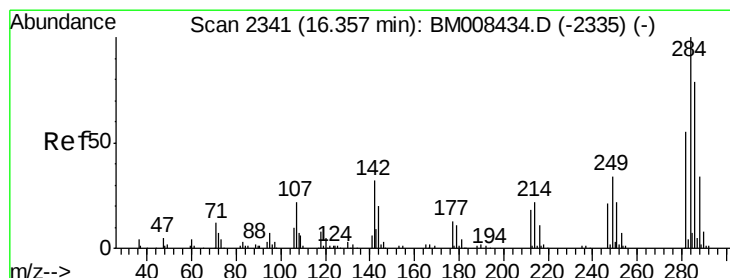
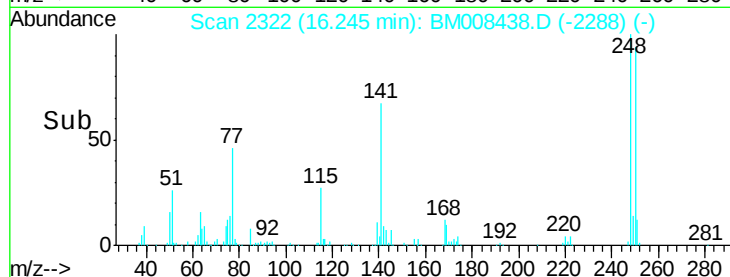
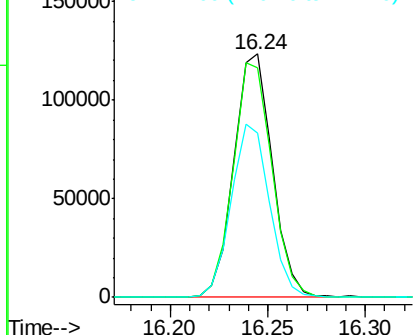
#65  
4-Bromophenyl-phenylether  
Concen: 21.94 ng/ul  
RT: 16.24 min Scan# 2322  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

Tgt Ion:248 Resp: 168982  
Ion Ratio Lower Upper  
248 100  
250 94.1 77.8 116.6  
141 67.3 54.9 82.3

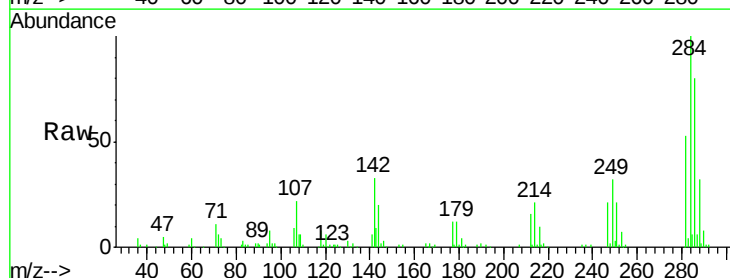


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

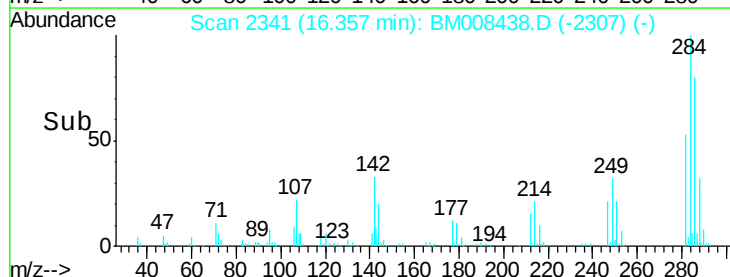
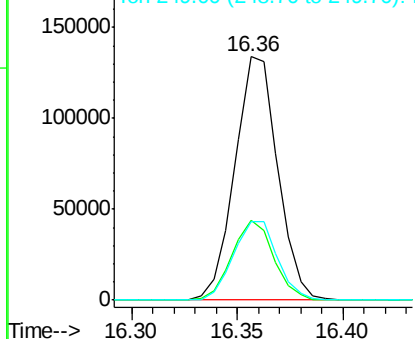


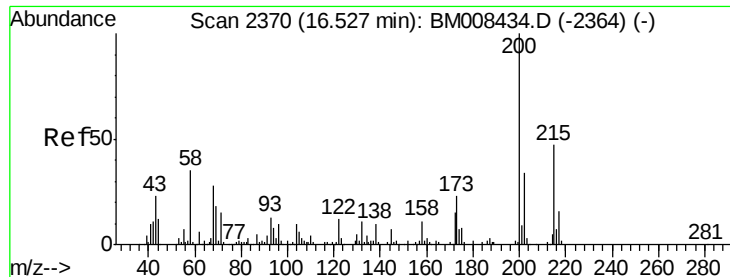
#66  
Hexachlorobenzene  
Concen: 21.59 ng/ul  
RT: 16.36 min Scan# 2341  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Tgt Ion:284 Resp: 188399  
Ion Ratio Lower Upper  
284 100  
142 32.8 24.8 37.2  
249 32.3 25.1 37.7



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

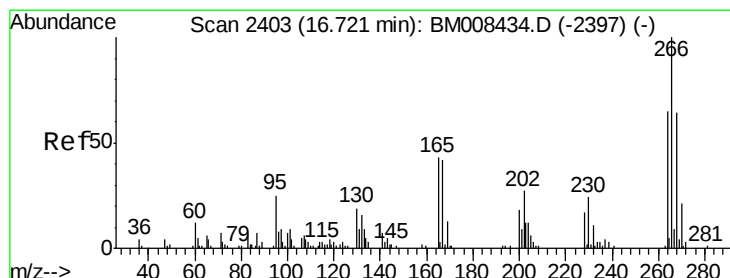
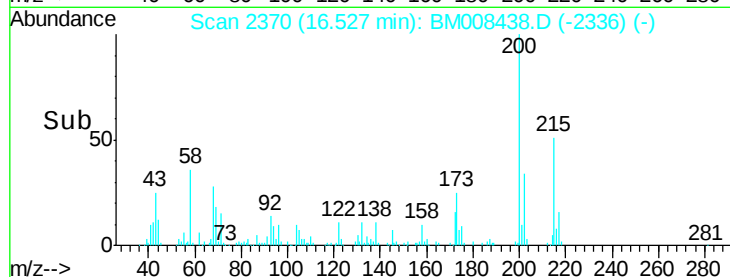
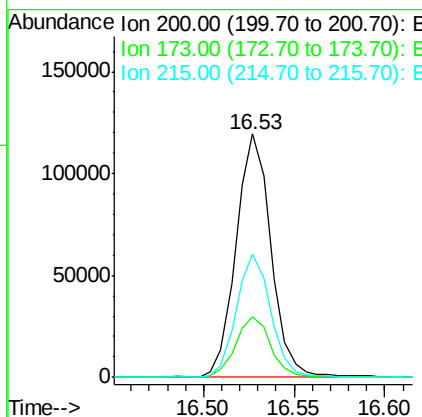
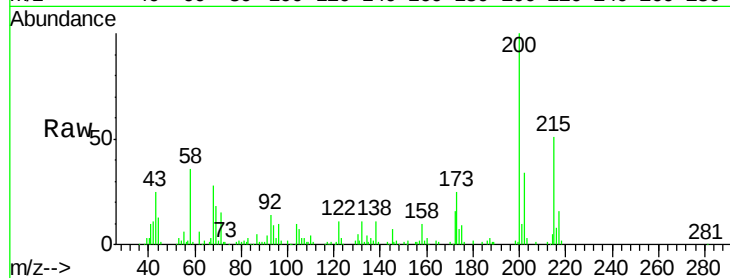




#67  
 Atrazine  
 Concen: 20.45 ng/ul  
 RT: 16.53 min Scan# 2370  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

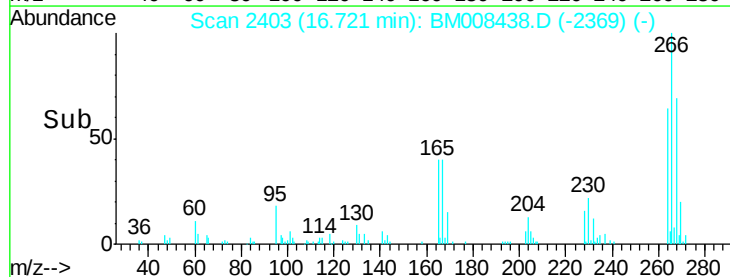
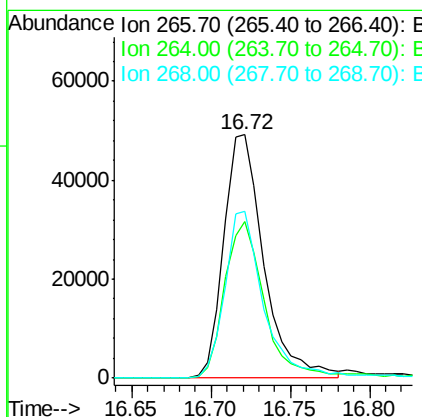
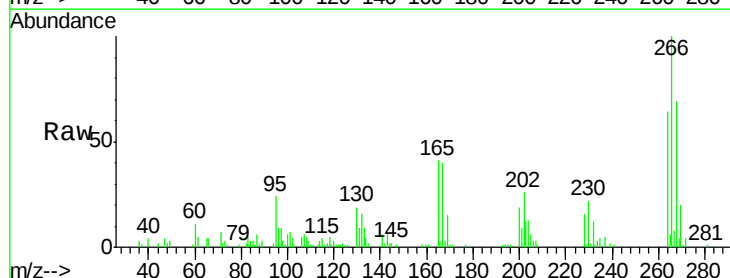
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02066

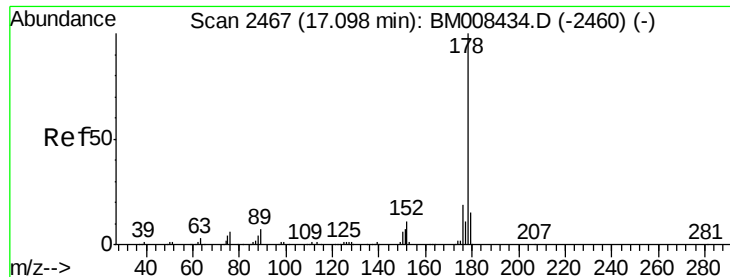
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.7  | 20.1  | 30.1  |
| 215     | 50.7  | 39.0  | 58.6  |



#68  
 Pentachlorophenol  
 Concen: 18.33 ng/ul  
 RT: 16.72 min Scan# 2403  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.5  | 47.9  | 71.9  |
| 268     | 68.7  | 49.0  | 73.6  |





#69

Phenanthrene

Concen: 21.34 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

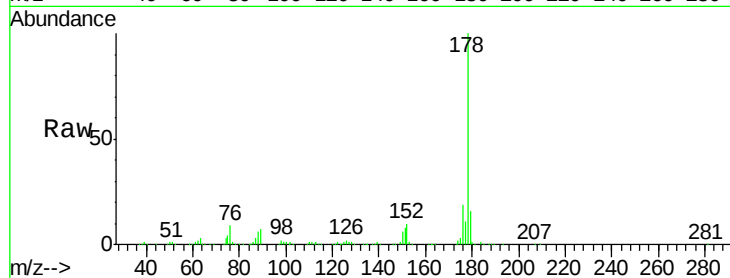
Tgt Ion:178 Resp: 767142

Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

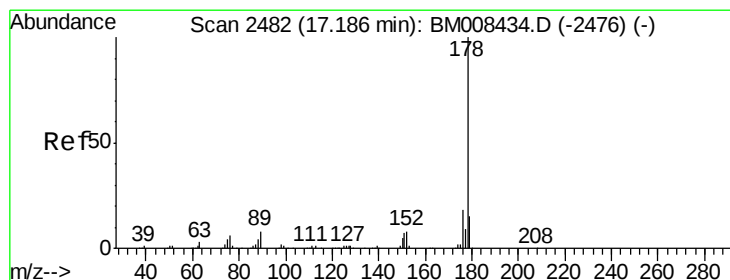
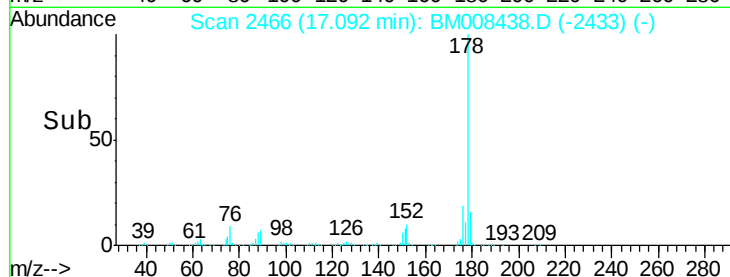
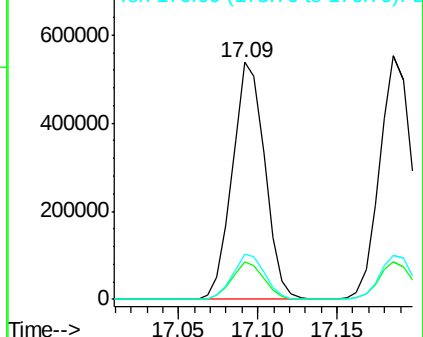
176 18.9 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.91 ng/ul

RT: 17.19 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

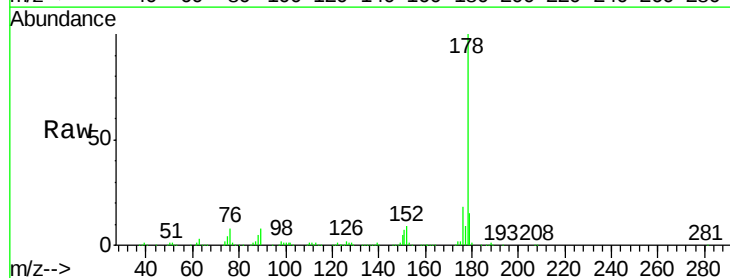
Tgt Ion:178 Resp: 799425

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

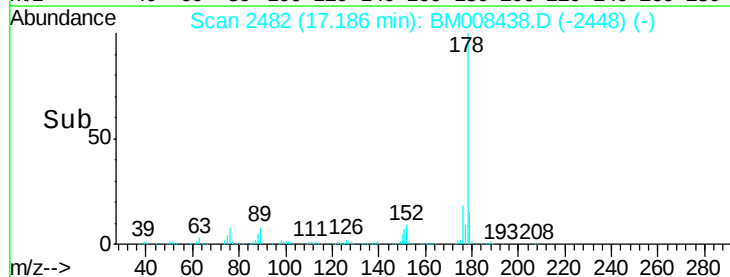
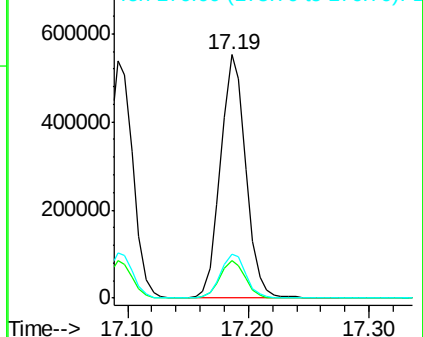
176 18.0 14.3 21.5

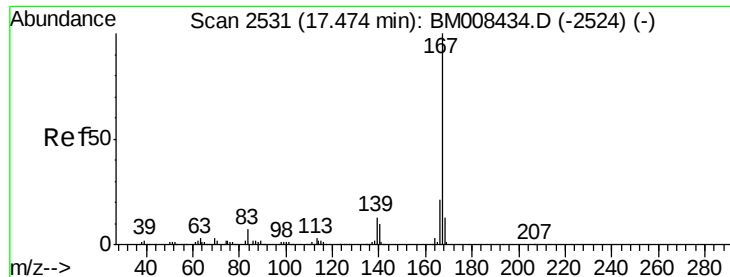


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

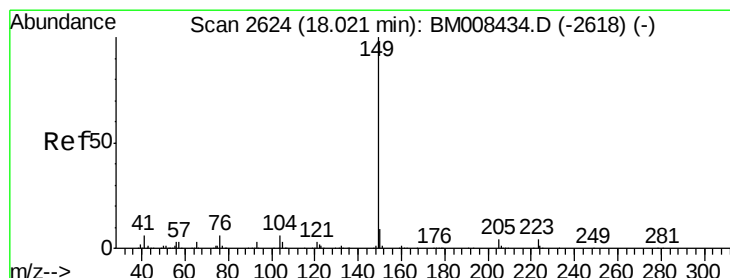
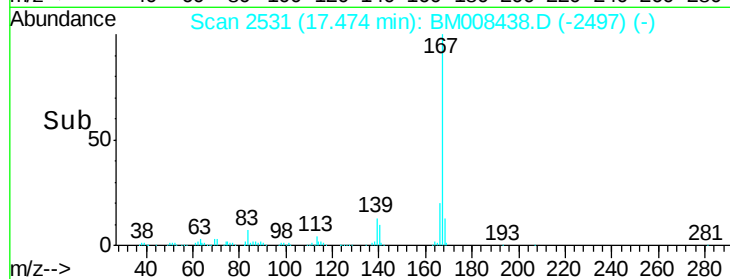
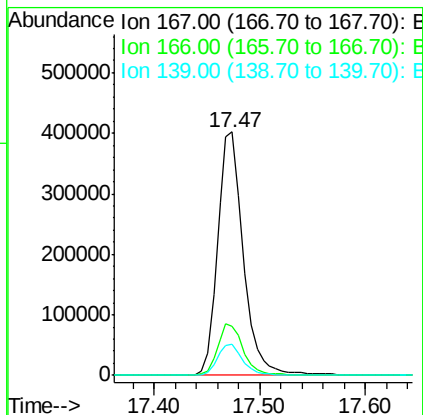
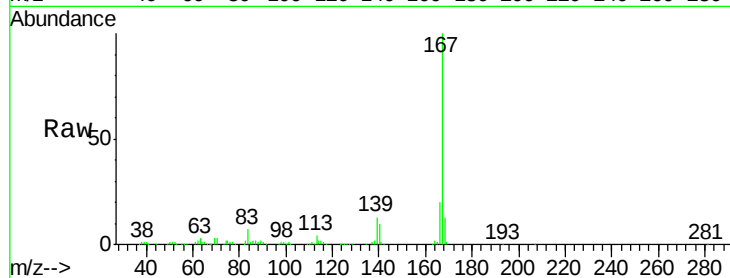




#72  
 Carbazole  
 Concen: 21.35 ng/ul  
 RT: 17.47 min Scan# 2531  
 Delta R.T. -0.00 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

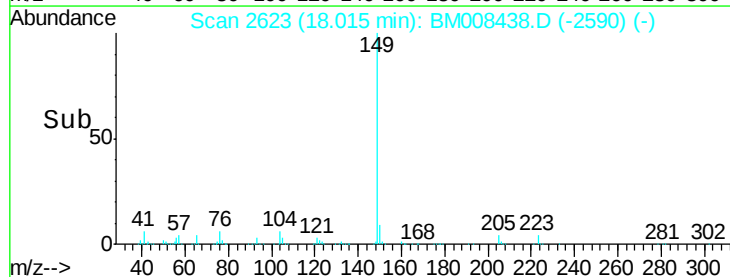
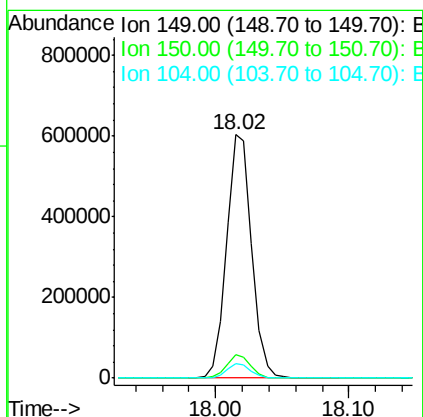
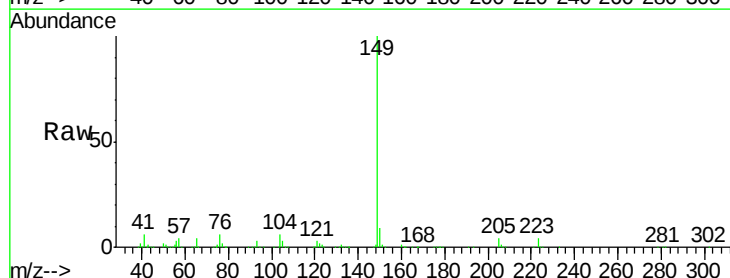
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02066

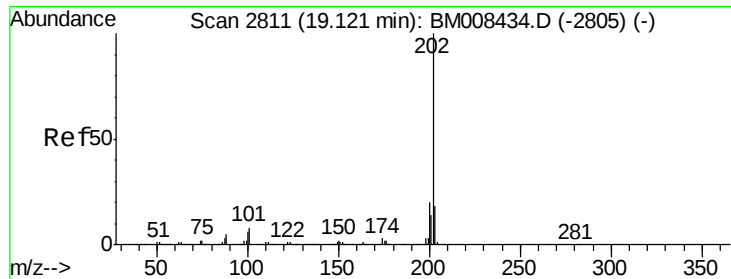
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.2  | 16.4  | 24.6  |
| 139     | 12.7  | 10.2  | 15.4  |



#73  
 Di-n-butylphthalate  
 Concen: 22.11 ng/ul  
 RT: 18.02 min Scan# 2623  
 Delta R.T. -0.01 min  
 Lab File: BM008438.D  
 Acq: 18 Dec 2016 15:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.3   | 10.9  |
| 104     | 6.0   | 4.7   | 7.1   |





#74

Fluoranthene

Concen: 21.19 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

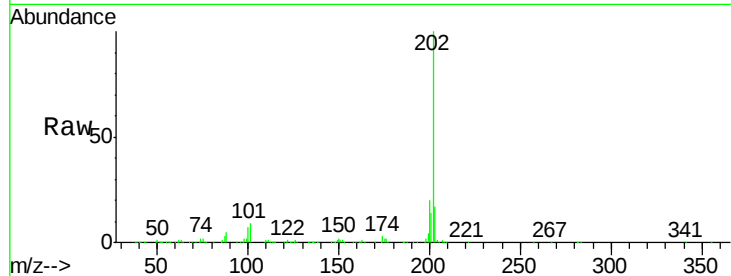
Tgt Ion:202 Resp: 935735

Ion Ratio Lower Upper

202 100

101 8.6 6.6 10.0

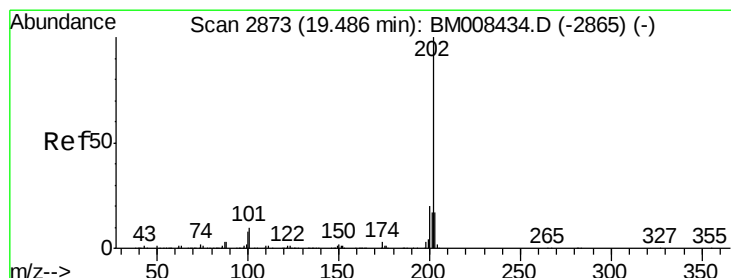
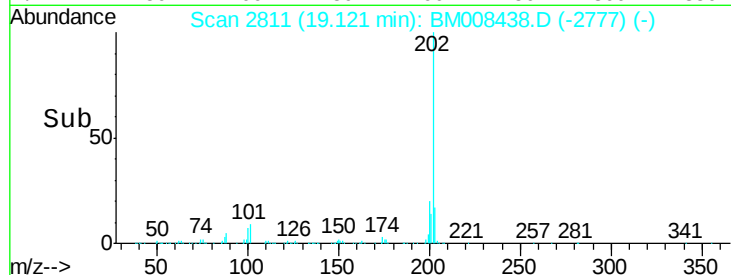
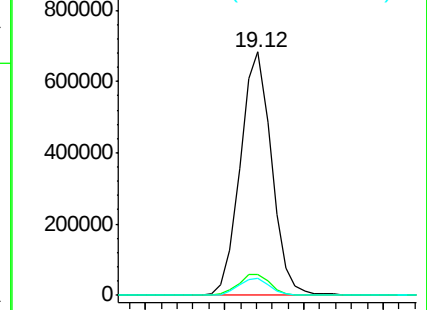
100 6.9 5.3 7.9



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



#77

Pyrene

Concen: 21.75 ng/ul

RT: 19.49 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

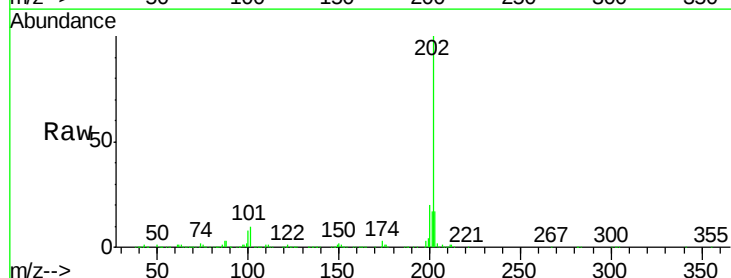
Tgt Ion:202 Resp: 982510

Ion Ratio Lower Upper

202 100

101 9.6 8.2 12.4

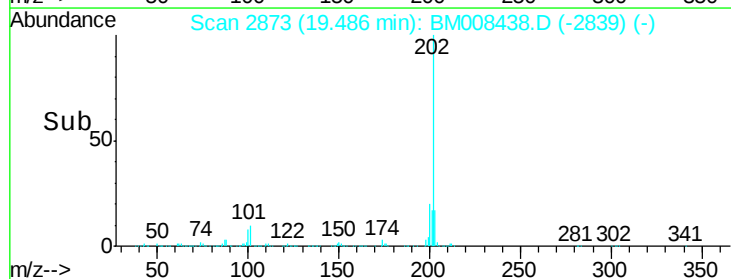
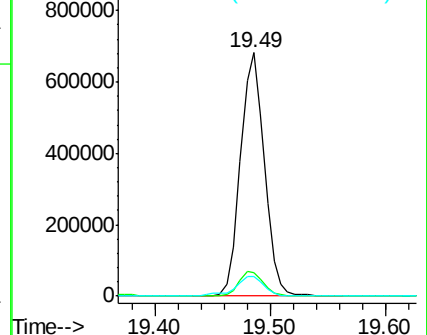
100 7.9 7.0 10.6

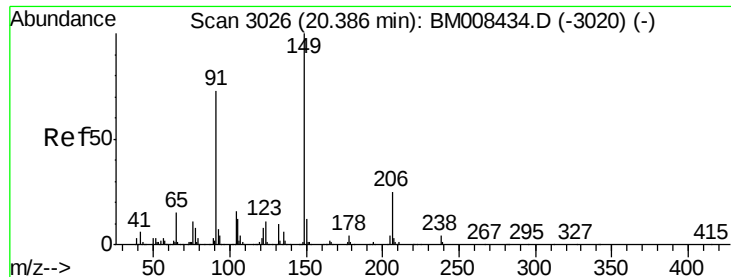


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

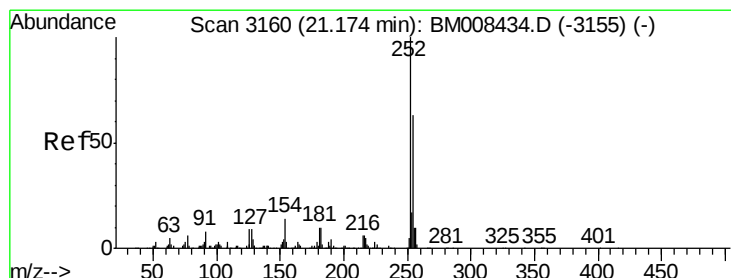
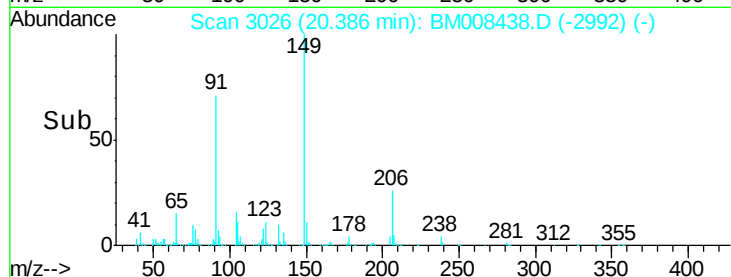
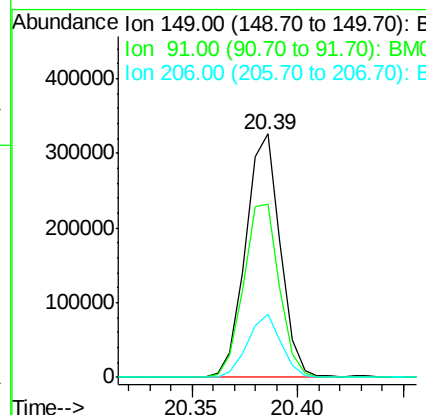
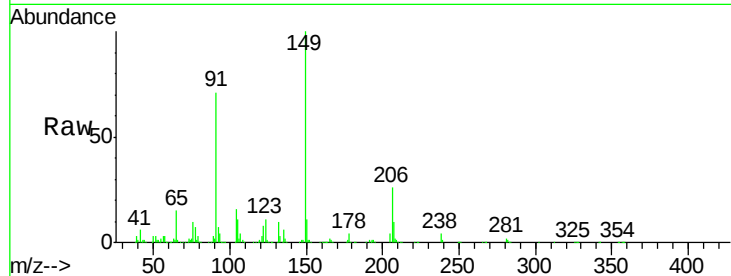




#78  
Butylbenzylphthalate  
Concen: 22.70 ng/ul  
RT: 20.39 min Scan# 3026  
Delta R.T. -0.00 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

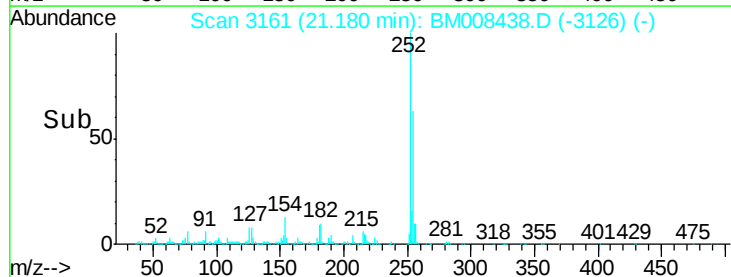
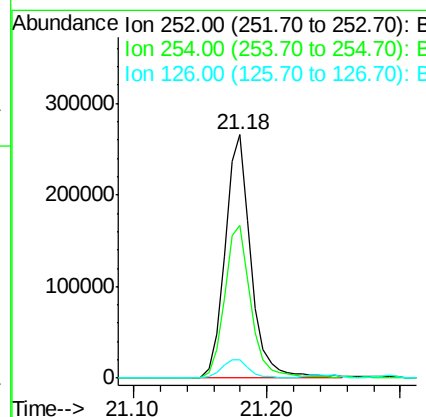
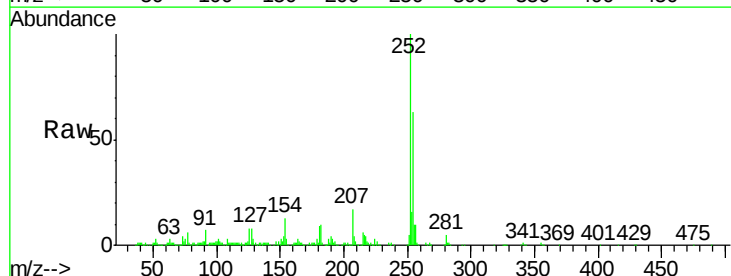
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02066

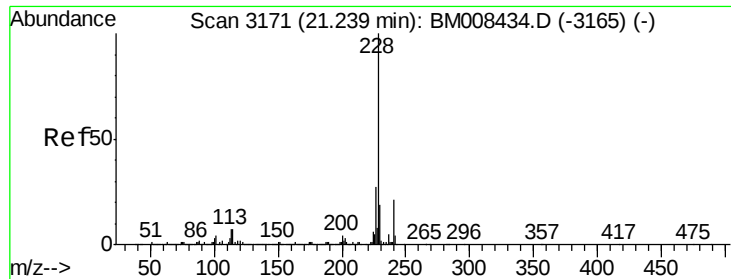
Tgt Ion:149 Resp: 367701  
Ion Ratio Lower Upper  
149 100  
91 71.3 59.3 88.9  
206 25.9 20.0 30.0



#79  
3,3'-Dichlorobenzidine  
Concen: 22.29 ng/ul  
RT: 21.18 min Scan# 3161  
Delta R.T. 0.01 min  
Lab File: BM008438.D  
Acq: 18 Dec 2016 15:11

Tgt Ion:252 Resp: 359310  
Ion Ratio Lower Upper  
252 100  
254 62.9 50.4 75.6  
126 7.6 6.8 10.2





#80

Benzo(a)anthracene

Concen: 21.71 ng/ul

RT: 21.24 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

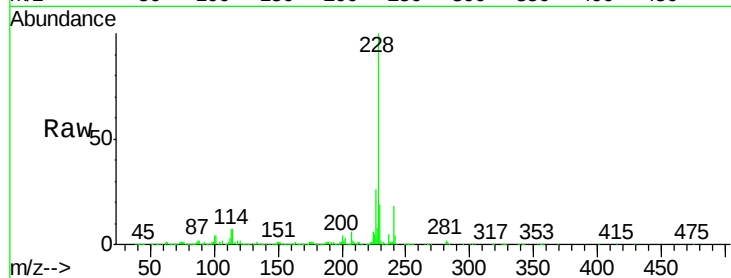
Tgt Ion:228 Resp: 1032504

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.2  | 15.4  | 23.2  |
| 226 | 26.3  | 21.2  | 31.8  |

228 100

229 19.2 15.4 23.2

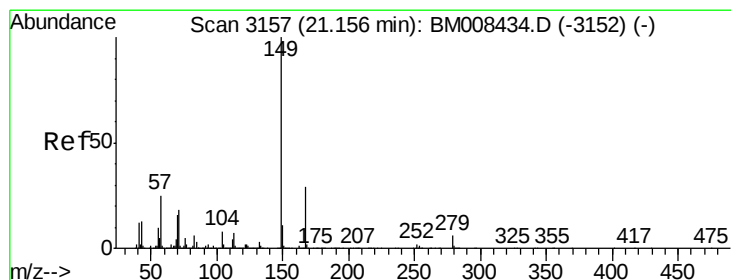
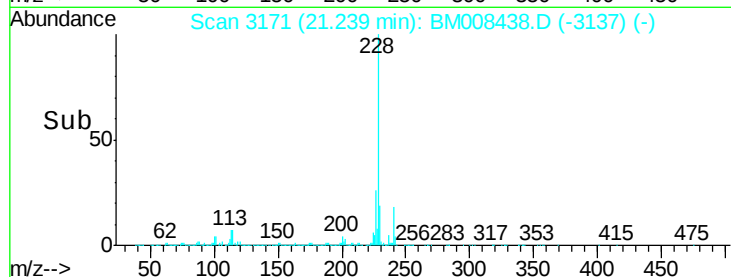
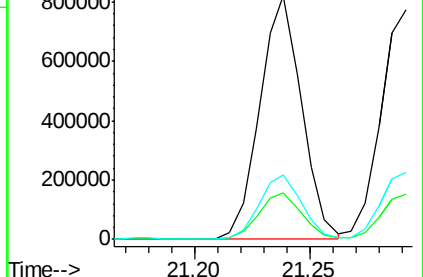
226 26.3 21.2 31.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.75 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

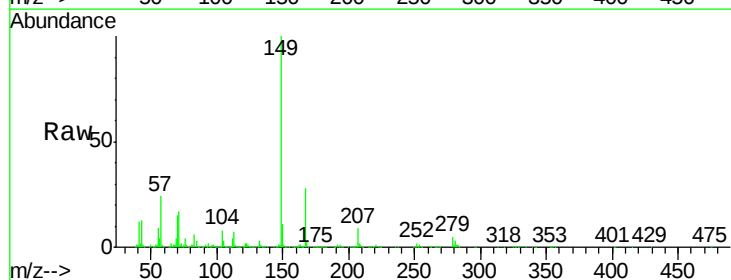
Tgt Ion:149 Resp: 539796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 22.6  | 34.0  |
| 279 | 5.2   | 4.2   | 6.4   |

149 100

167 28.4 22.6 34.0

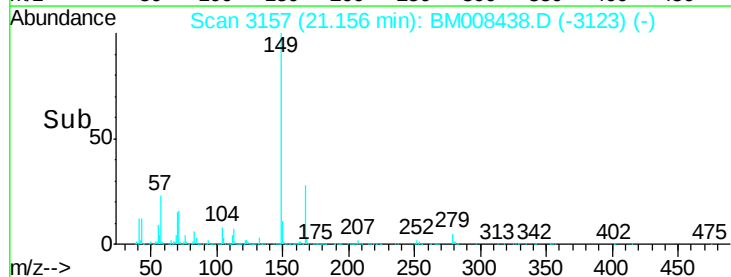
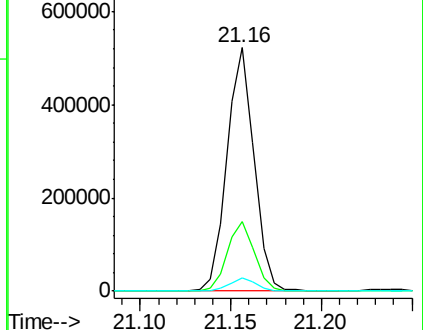
279 5.2 4.2 6.4

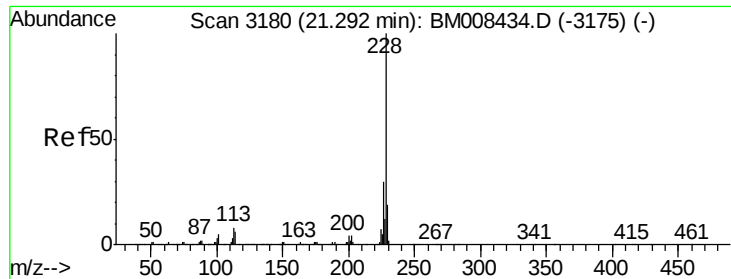


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 21.74 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

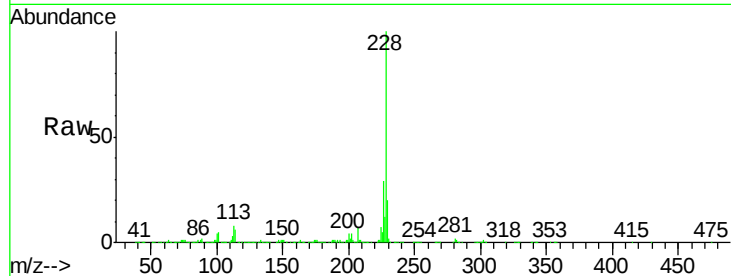
Tgt Ion:228 Resp: 994024

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

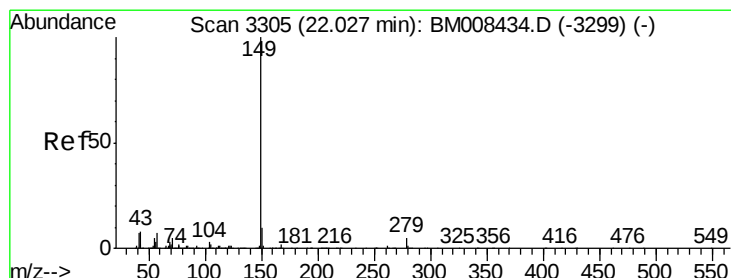
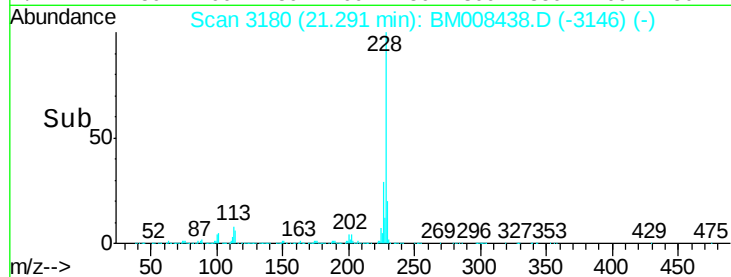
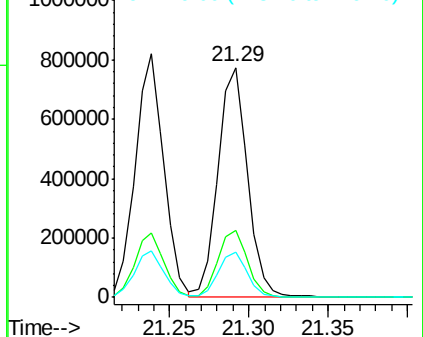
229 19.6 15.4 23.2



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

Di-n-octyl phthalate

Concen: 21.55 ng/ul

RT: 22.03 min Scan# 3305

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

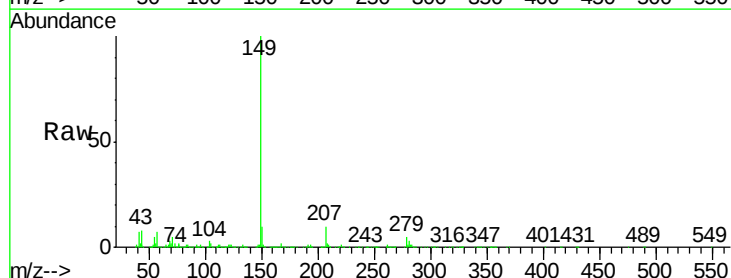
Tgt Ion:149 Resp: 966962

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

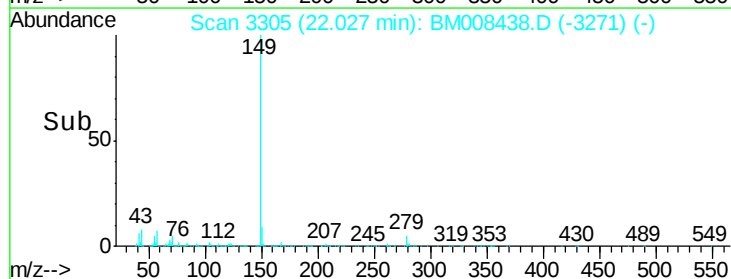
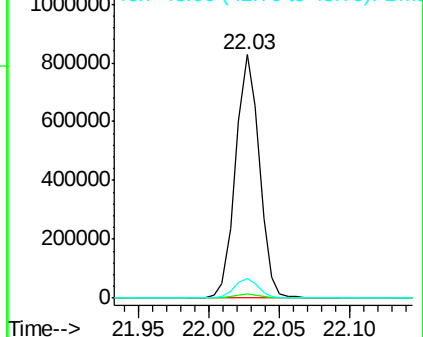
43 7.9 6.7 10.1

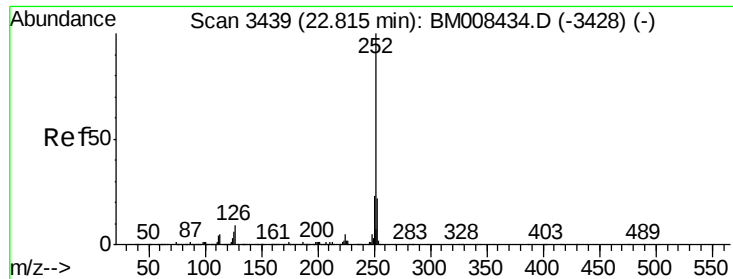


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 21.49 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

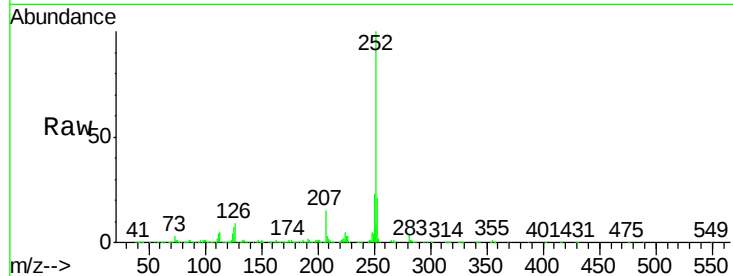
Tgt Ion:252 Resp: 1085000

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

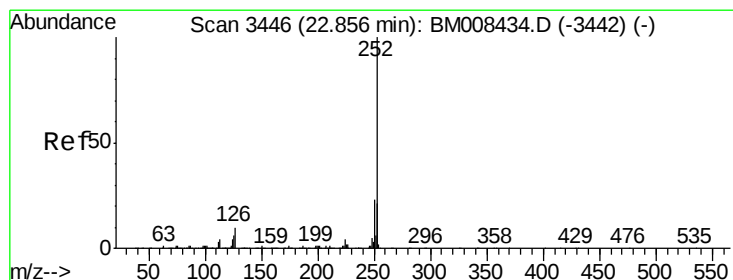
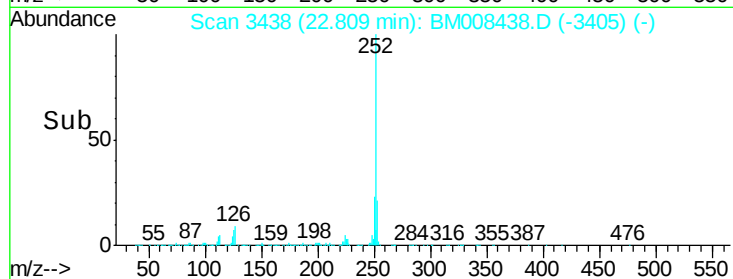
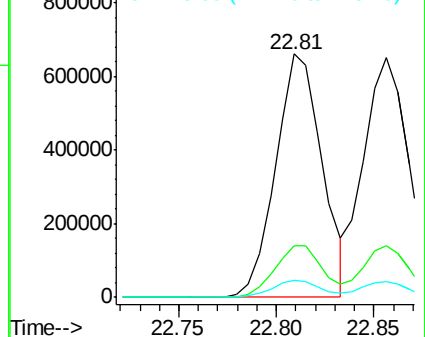
125 6.8 5.4 8.2



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



#86

Benzo(k)fluoranthene

Concen: 22.01 ng/ul

RT: 22.86 min Scan# 3446

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

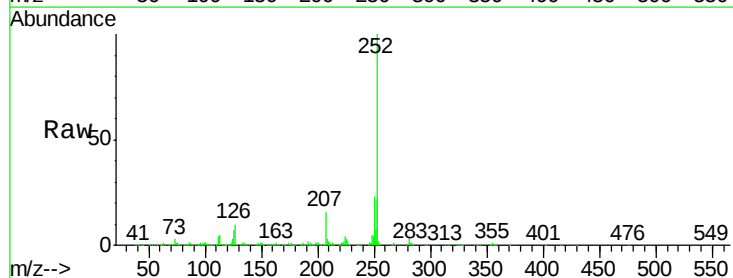
Tgt Ion:252 Resp: 1063364

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

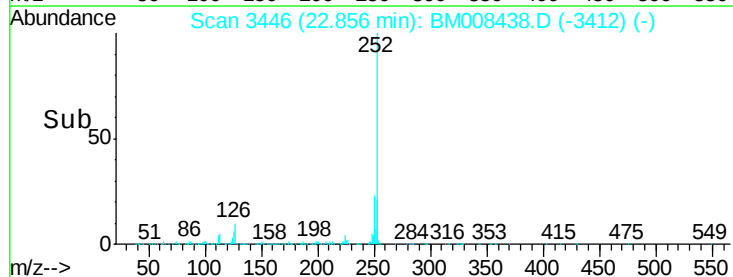
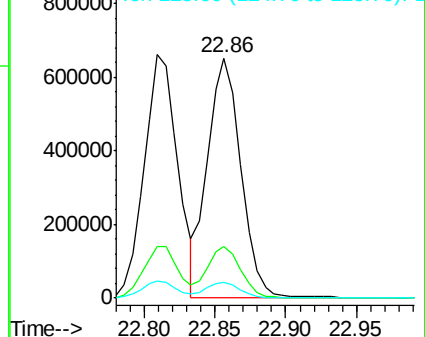
125 6.5 5.8 8.6

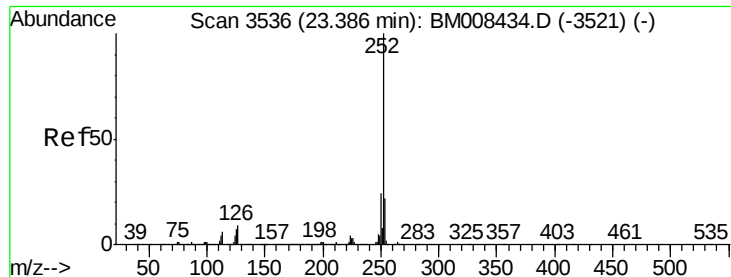


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 21.82 ng/ul

RT: 23.39 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

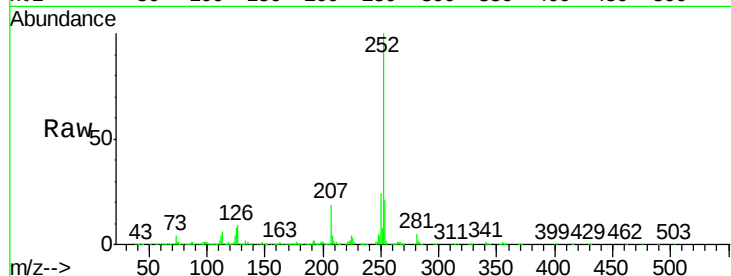
Tgt Ion:252 Resp: 1061414

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

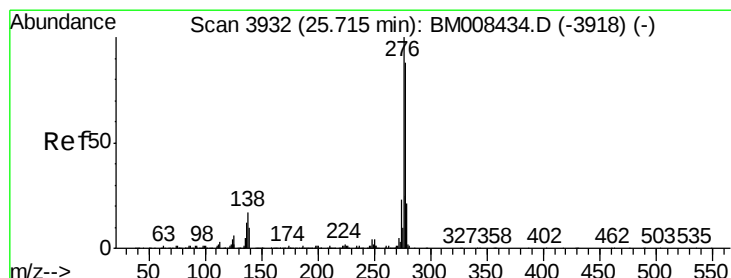
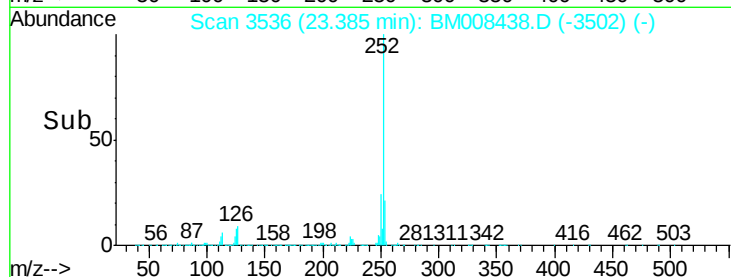
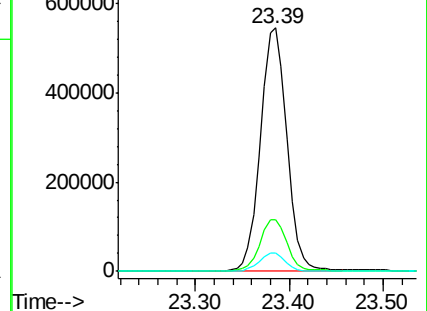
125 7.8 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.89 ng/ul

RT: 25.71 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

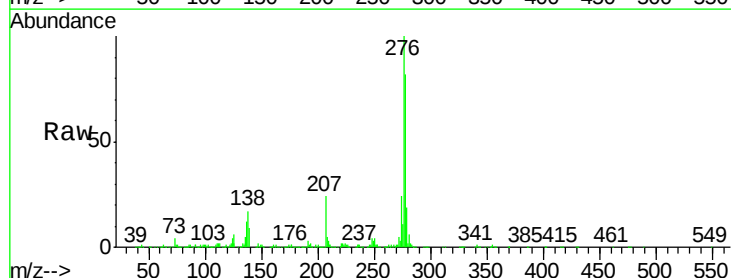
Tgt Ion:276 Resp: 1292771

Ion Ratio Lower Upper

276 100

138 17.0 13.4 20.2

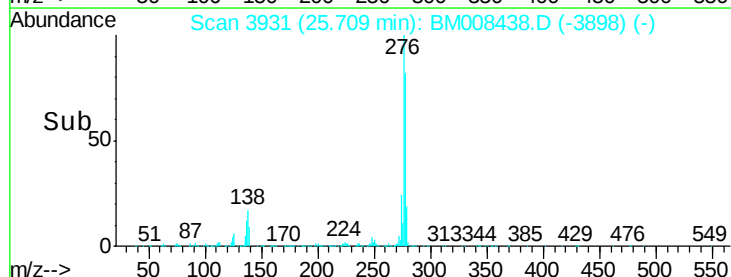
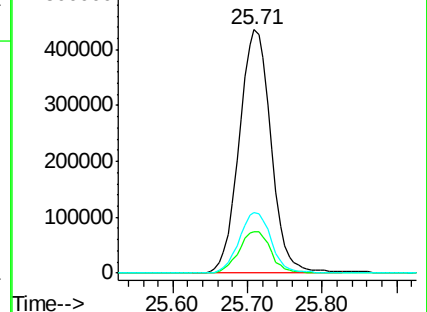
277 24.9 19.7 29.5

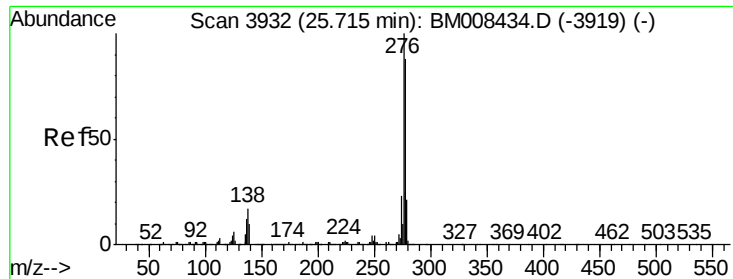


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 21.84 ng/ul

RT: 25.71 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

Instrument :

BNA\_M

ClientSampleId :

SSTD02066

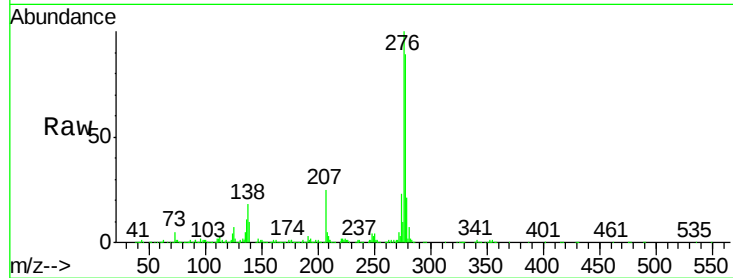
Tgt Ion:278 Resp: 1083206

Ion Ratio Lower Upper

278 100

139 11.5 9.4 14.0

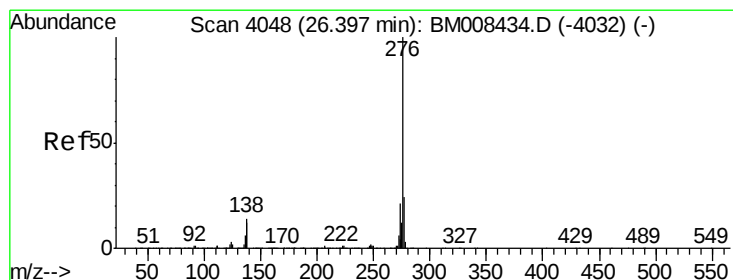
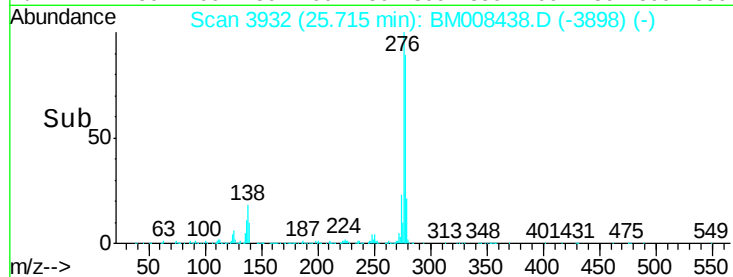
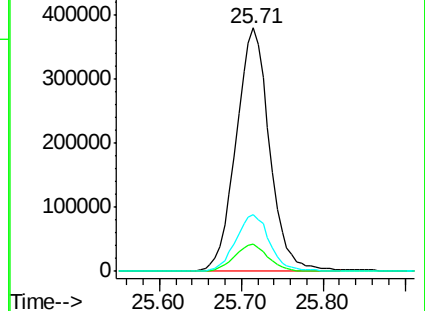
279 23.1 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 21.62 ng/ul

RT: 26.40 min Scan# 4048

Delta R.T. -0.00 min

Lab File: BM008438.D

Acq: 18 Dec 2016 15:11

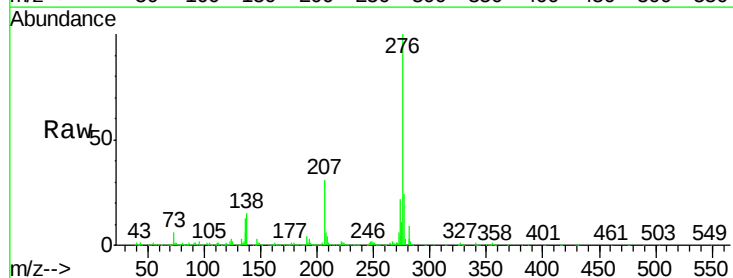
Tgt Ion:276 Resp: 1067970

Ion Ratio Lower Upper

276 100

138 15.3 12.0 18.0

277 23.9 19.4 29.0



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

