

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM022616\  
 Data File : BM004450.D  
 Acq On : 27 Feb 2016 05:40  
 Operator : SJ/UM  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

Quant Time: Feb 27 06:15:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 27 00:43:30 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 28518    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 117147   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 62150    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 130104   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 143926   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.46 | 264  | 145297   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 4516   | 8.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 41441  | 17.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 21328  | 17.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 38198  | 18.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 34500  | 16.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 17826  | 20.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 19650  | 19.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 34843  | 18.97 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 45402  | 19.84 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 96926  | 18.18 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 124170 | 19.90 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.52 | 143 | 12569  | 14.67 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 83857  | 18.50 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 11626  | 14.55 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 124597 | 19.54 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 136093 | 19.55 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.33 | 264 | 149816 | 19.65 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.11  | 88  | 4831   | 7.75 ng/uL# | 94     |
| 4) Benzaldehyde                | 6.76  | 77  | 26764  | 20.69 ng/ul | 92     |
| 6) Phenol                      | 6.83  | 94  | 43577  | 17.09 ng/ul | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.05  | 93  | 33807  | 17.91 ng/ul | 95     |
| 10) 2-Chlorophenol             | 7.18  | 128 | 39946  | 18.63 ng/ul | 97     |
| 11) 2-Methylphenol             | 8.07  | 108 | 34928  | 16.80 ng/ul | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 30686  | 16.93 ng/ul | 97     |
| 14) Acetophenone               | 8.44  | 105 | 55541  | 16.59 ng/ul | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.42  | 70  | 25097  | 15.60 ng/ul | 94     |
| 16) 4-Methylphenol             | 8.40  | 108 | 37557  | 16.47 ng/ul | 99     |
| 17) Hexachloroethane           | 8.68  | 117 | 15894  | 19.51 ng/ul | 89     |
| 20) Nitrobenzene               | 8.82  | 77  | 37462  | 19.23 ng/ul | 94     |
| 21) Isophorone                 | 9.33  | 82  | 69378  | 17.18 ng/ul | 97     |
| 23) 2-Nitrophenol              | 9.53  | 139 | 21865  | 19.13 ng/ul | 93     |
| 24) 2,4-Dimethylphenol         | 9.59  | 107 | 41709  | 18.27 ng/ul | 95     |
| 25) Bis(2-Chloroethoxy)methane | 9.82  | 93  | 43579  | 17.91 ng/ul | 100    |
| 27) 2,4-Dichlorophenol         | 10.06 | 162 | 36204  | 18.71 ng/ul | 97     |
| 28) Naphthalene                | 10.45 | 128 | 125766 | 19.25 ng/ul | 99     |
| 30) 4-Chloroaniline            | 10.57 | 127 | 47706  | 19.79 ng/ul | 98     |
| 31) Hexachlorobutadiene        | 10.73 | 225 | 25169  | 20.73 ng/ul | 99     |
| 32) Caprolactam                | 11.33 | 113 | 9367   | 13.90 ng/ul | 85     |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 36665  | 16.19 ng/ul | 98     |
| 34) 2-Methylnaphthalene        | 12.07 | 142 | 87410  | 17.88 ng/ul | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

Quant Time: Feb 27 06:15:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 27 00:43:30 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.30 | 142  | 82421    | 17.73 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216  | 44872    | 21.71 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.42 | 237  | 8136     | 10.56 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.70 | 196  | 26710    | 19.88 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 12.79 | 196  | 26535    | 18.20 | ng/ul  | 100      |
| 41) 1,1'-Biphenyl              | 13.10 | 154  | 109625   | 20.53 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.14 | 162  | 83618    | 20.58 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.36 | 65   | 18396    | 17.96 | ng/ul  | 94       |
| 45) Dimethylphthalate          | 13.74 | 163  | 101064   | 18.18 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.87 | 165  | 20646    | 18.52 | ng/ul  | 94       |
| 48) Acenaphthylene             | 14.00 | 152  | 132786   | 19.56 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.20 | 138  | 20696    | 18.71 | ng/ul  | 97       |
| 50) Acenaphthene               | 14.34 | 153  | 89712    | 19.35 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.43 | 184  | 4547     | 8.99  | ng/ul  | 94       |
| 53) 4-Nitrophenol              | 14.54 | 109  | 9008     | 14.06 | ng/ul  | 94       |
| 54) Dibenzofuran               | 14.68 | 168  | 123335   | 19.05 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.67 | 165  | 29728    | 17.85 | ng/ul  | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 21132    | 17.50 | ng/ul# | 96       |
| 57) Diethylphthalate           | 15.10 | 149  | 100635   | 17.50 | ng/ul  | 99       |
| 59) Fluorene                   | 15.33 | 166  | 100015   | 18.64 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204  | 49866    | 18.94 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.37 | 138  | 19696    | 16.52 | ng/ul  | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 12700    | 14.75 | ng/ul  | 93       |
| 65) N-Nitrosodiphenylamine     | 15.54 | 169  | 84234    | 20.24 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.22 | 248  | 29076    | 20.52 | ng/ul  | 94       |
| 67) Hexachlorobenzene          | 16.34 | 284  | 32122    | 20.39 | ng/ul  | 93       |
| 68) Atrazine                   | 16.50 | 200  | 29381    | 19.03 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.70 | 266  | 10461    | 16.82 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.07 | 178  | 151840   | 19.43 | ng/ul  | 99       |
| 72) Anthracene                 | 17.16 | 178  | 156056   | 19.66 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 41618    | 24.01 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 38728    | 21.74 | ng/uL  | 98       |
| 75) Carbazole                  | 17.44 | 167  | 134311   | 19.41 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.00 | 149  | 170290   | 17.73 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.10 | 202  | 174157   | 19.67 | ng/ul  | 99       |
| 80) Pyrene                     | 19.47 | 202  | 184120   | 19.57 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.37 | 149  | 79151    | 19.12 | ng/ul  | 93       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 63280    | 21.82 | ng/ul  | 100      |
| 83) Benzo(a)anthracene         | 21.23 | 228  | 180997   | 19.55 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 117561   | 19.21 | ng/ul  | 98       |
| 85) Chrysene                   | 21.28 | 228  | 172313   | 19.35 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.02 | 149  | 209157   | 17.49 | ng/ul# | 97       |
| 88) Benzo(b)fluoranthene       | 22.80 | 252  | 184034   | 18.74 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 174470   | 18.86 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 23.37 | 252  | 178020   | 19.51 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 205359   | 24.07 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.70 | 278  | 169327   | 24.05 | ng/ul  | 99       |
| 94) Benzo(g,h,i)perylene       | 26.39 | 276  | 175005   | 24.94 | ng/ul  | 99       |
| -----                          |       |      |          |       |        |          |

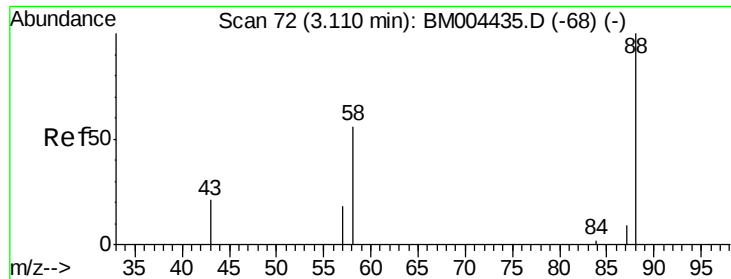
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM022616\  
Data File : BM004450.D  
Acq On : 27 Feb 2016 05:40  
Operator : SJ/UM  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 27 00:43:30 2016  
Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 7.75 ng/uL

RT: 3.11 min Scan# 72

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

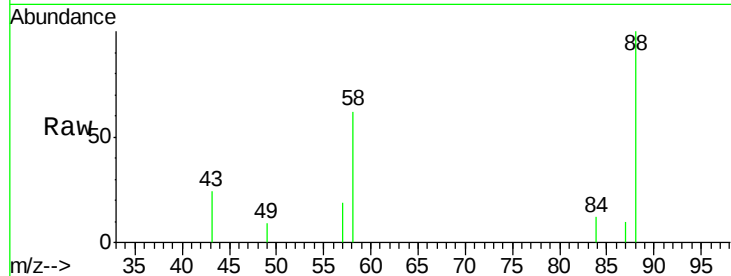
Tgt Ion: 88 Resp: 4831

Ion Ratio Lower Upper

88 100

43 20.5 21.0 31.6#

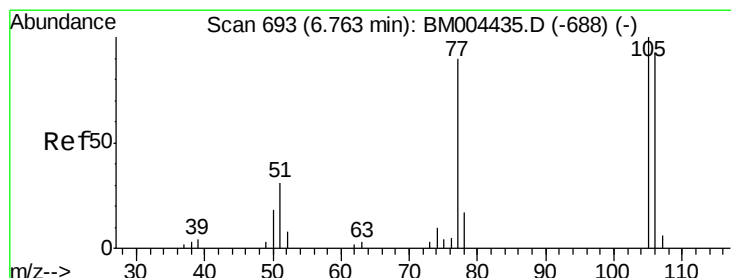
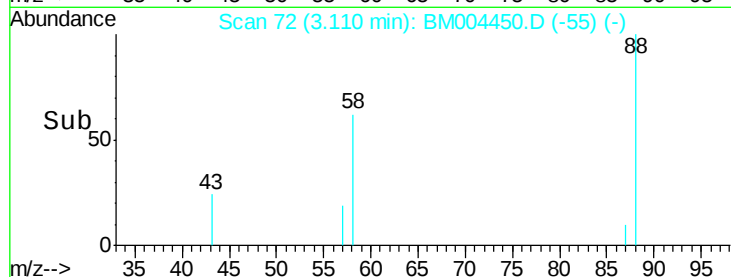
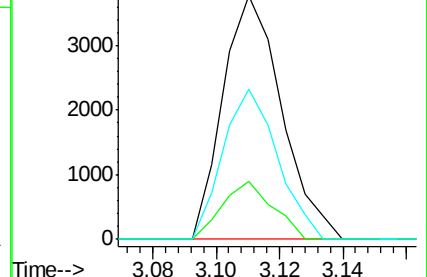
58 57.0 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004435.D (-68) (-)

Ion 43.00 (42.70 to 43.70): BM004435.D (-68) (-)

Ion 58.00 (57.70 to 58.70): BM004435.D (-68) (-)



#4

Benzaldehyde

Concen: 20.69 ng/uL

RT: 6.76 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

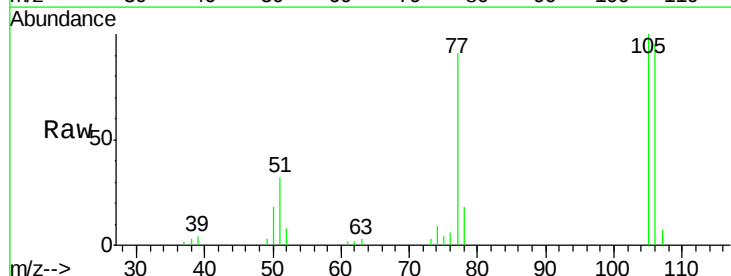
Tgt Ion: 77 Resp: 26764

Ion Ratio Lower Upper

77 100

105 109.3 80.6 120.8

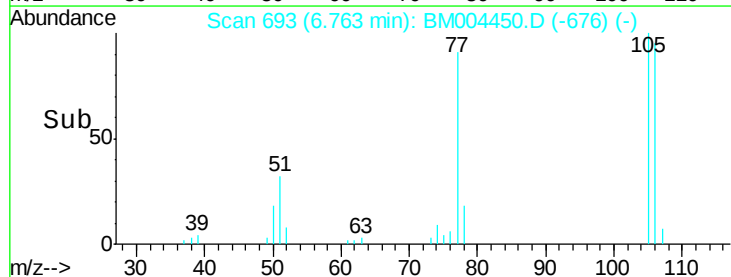
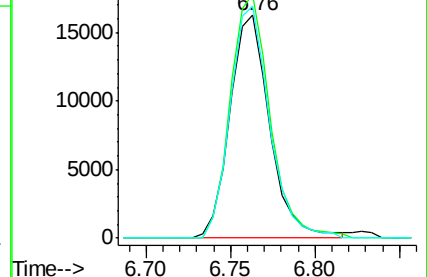
106 104.1 77.7 116.5

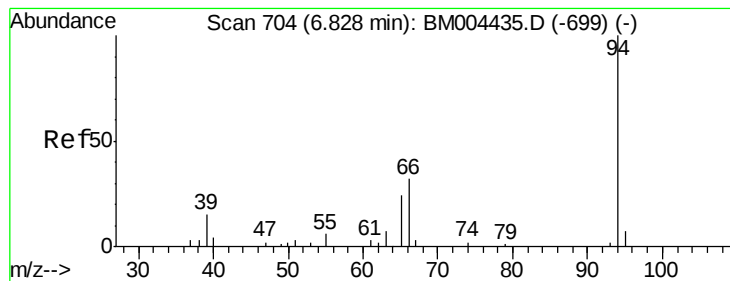


Abundance Ion 77.00 (76.70 to 77.70): BM004435.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM004435.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM004435.D (-688) (-)





#6

Phenol

Concen: 17.09 ng/ul

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

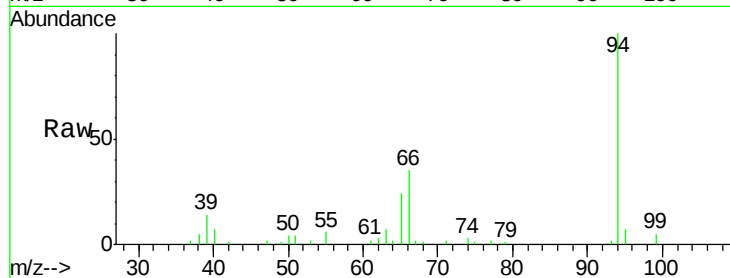
Tgt Ion: 94 Resp: 43577

Ion Ratio Lower Upper

94 100

65 24.3 21.0 31.6

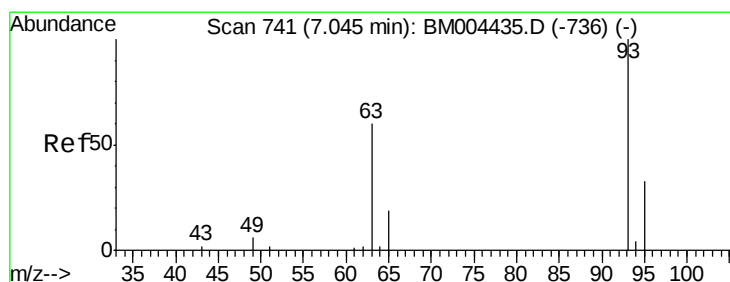
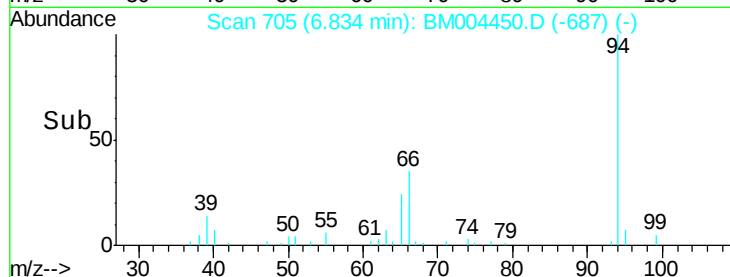
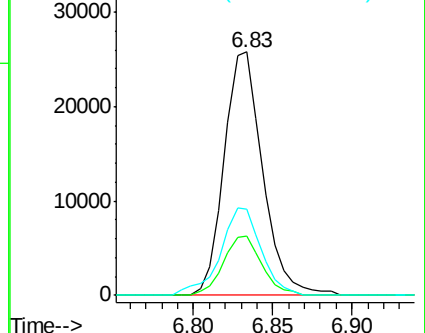
66 35.4 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004435.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BM004435.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BM004435.D (-699) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 17.91 ng/ul

RT: 7.05 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

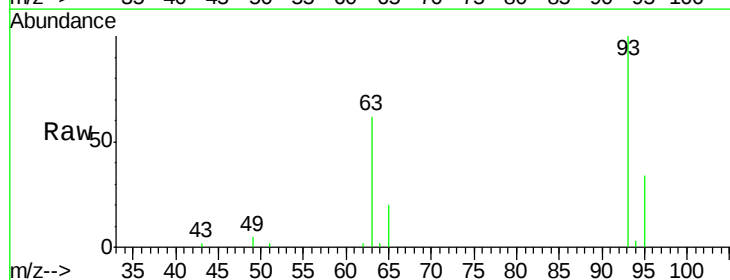
Tgt Ion: 93 Resp: 33807

Ion Ratio Lower Upper

93 100

63 61.6 53.5 80.3

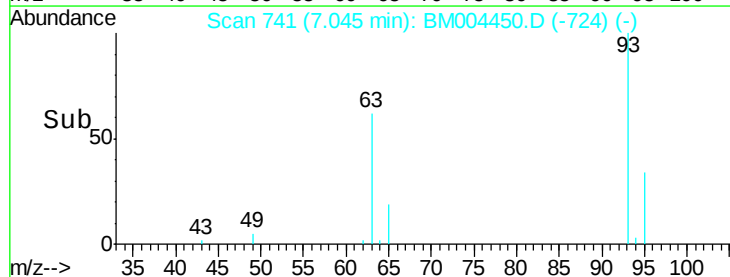
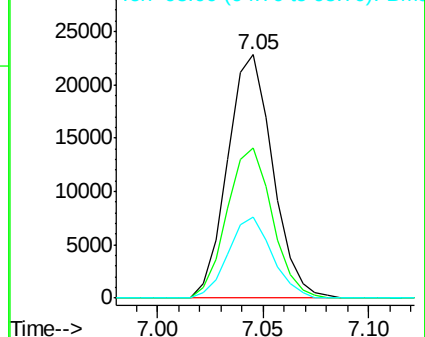
95 33.5 26.2 39.2

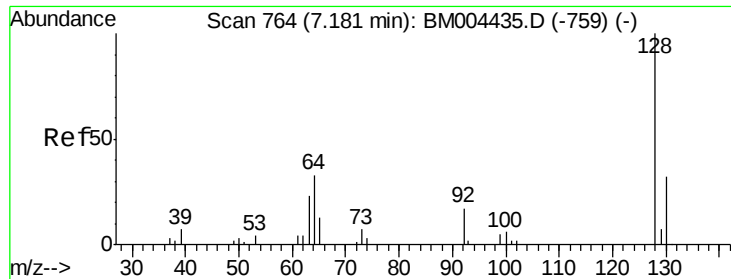


Abundance Ion 93.00 (92.70 to 93.70): BM004435.D (-736) (-)

Ion 63.00 (62.70 to 63.70): BM004435.D (-736) (-)

Ion 95.00 (94.70 to 95.70): BM004435.D (-736) (-)

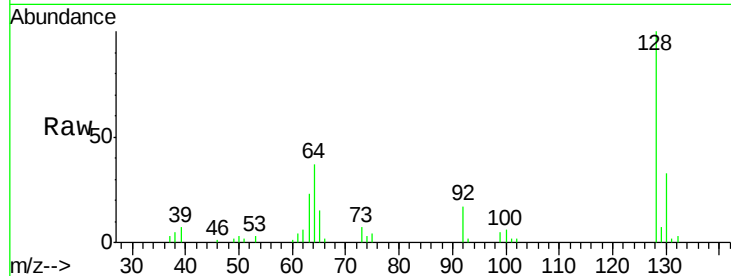




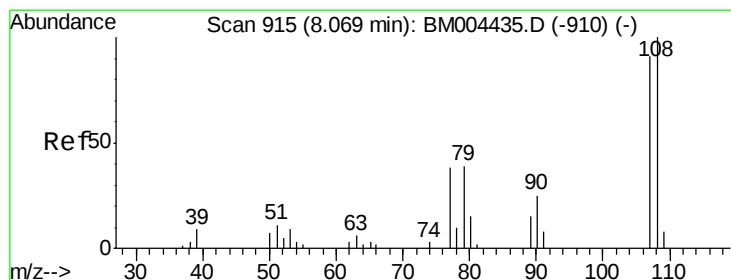
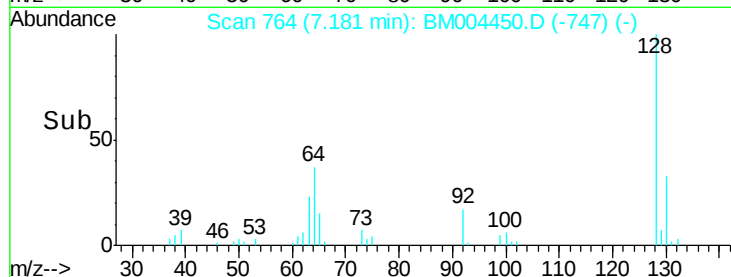
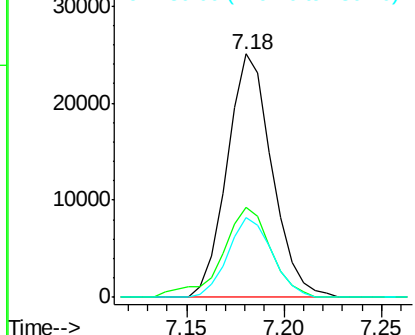
#10  
 2-Chlorophenol  
 Concen: 18.63 ng/ul  
 RT: 7.18 min Scan# 764  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02062

Tgt Ion:128 Resp: 39946  
 Ion Ratio Lower Upper  
 128 100  
 64 37.2 31.9 47.9  
 130 32.6 25.6 38.4

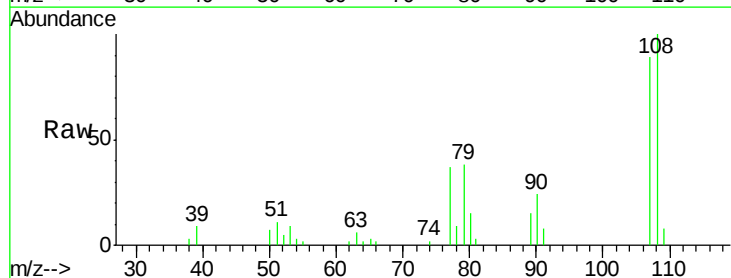


Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 64.00 (63.70 to 64.70): BM0  
 Ion 130.00 (129.70 to 130.70): E

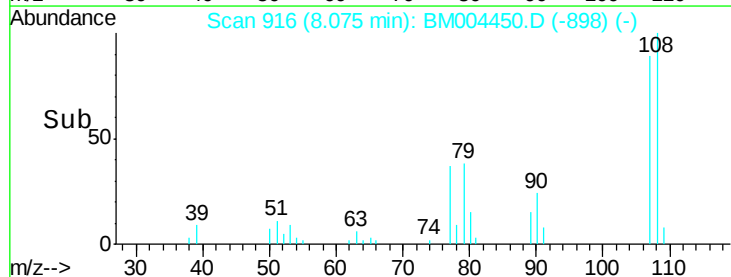
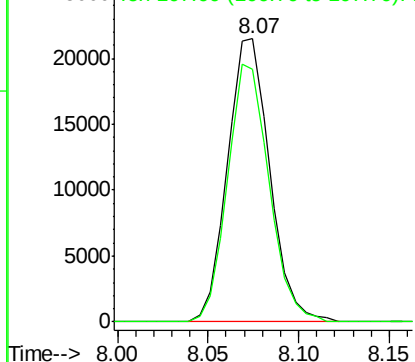


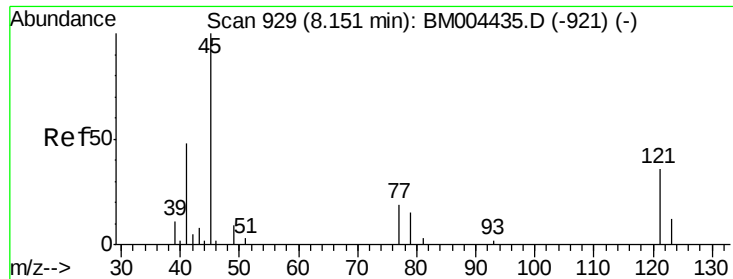
#11  
 2-Methylphenol  
 Concen: 16.80 ng/ul  
 RT: 8.07 min Scan# 916  
 Delta R.T. 0.01 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:108 Resp: 34928  
 Ion Ratio Lower Upper  
 108 100  
 107 89.1 72.4 108.6



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

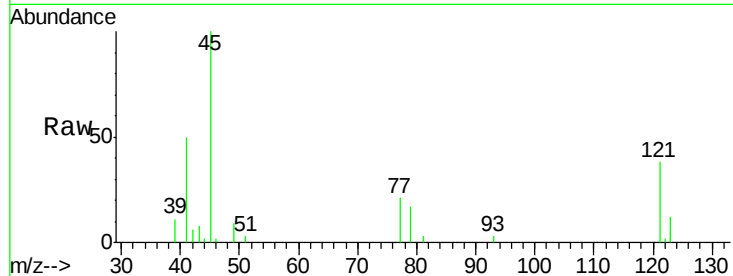




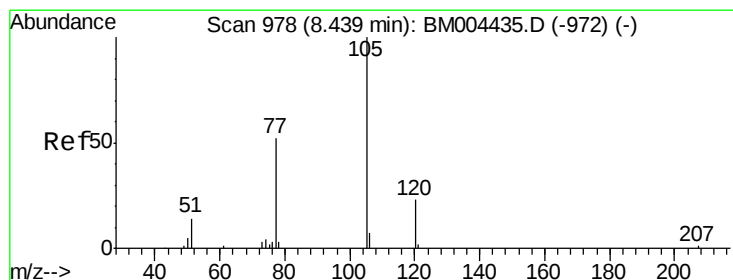
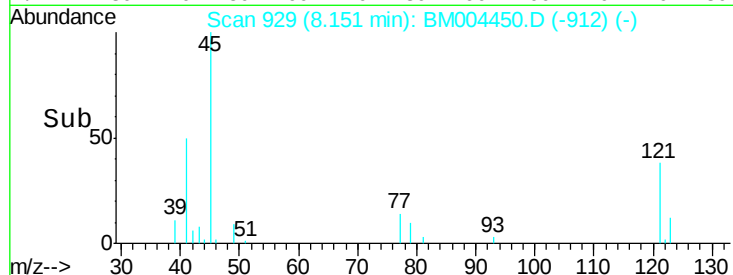
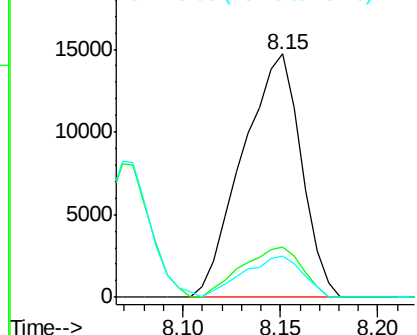
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2,2'-oxybis(1-Chloropropane)  
Concen: 16.93 ng/ul  
RT: 8.15 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

Tgt Ion: 45 Resp: 30686  
Ion Ratio Lower Upper  
45 100  
77 20.7 15.9 23.9  
79 17.1 12.5 18.7

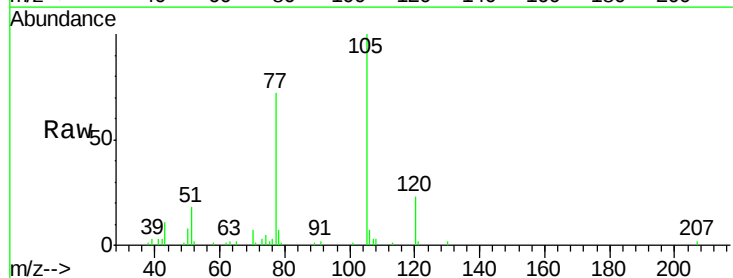


Abundance Ion 45.00 (44.70 to 45.70): BM0  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

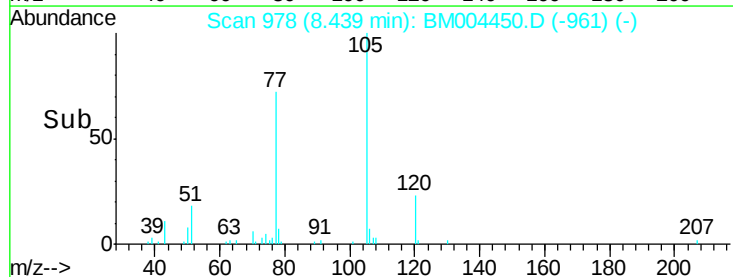
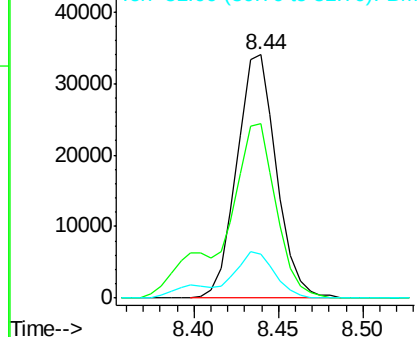


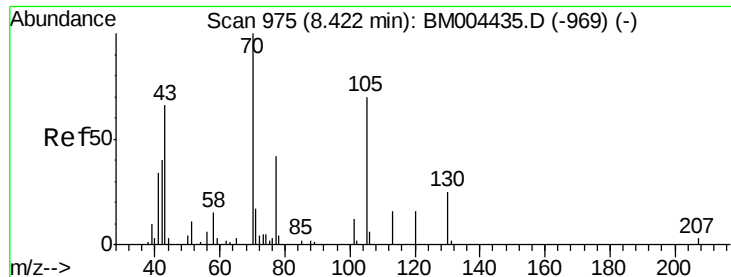
#14  
Acetophenone  
Concen: 16.59 ng/ul  
RT: 8.44 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion: 105 Resp: 55541  
Ion Ratio Lower Upper  
105 100  
77 71.7 59.0 88.4  
51 18.0 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0

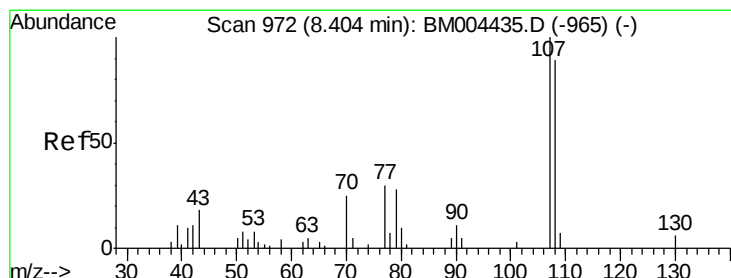
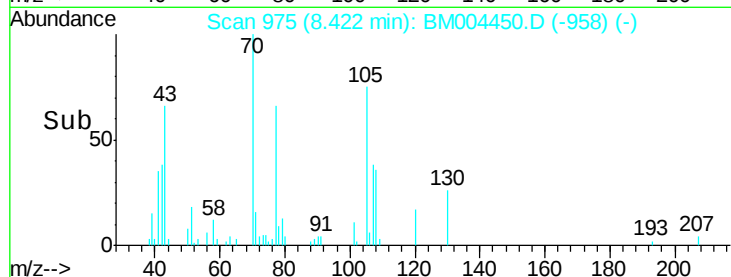
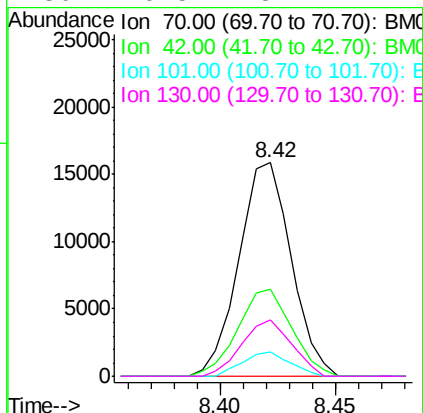
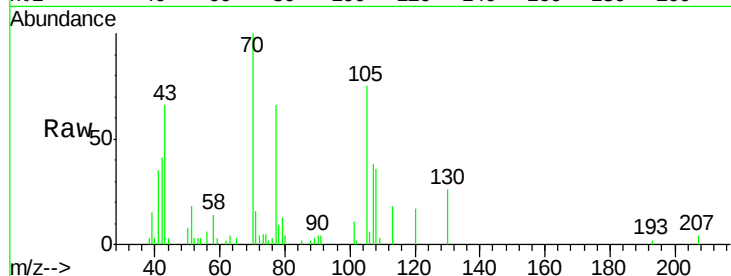




#15  
N-Nitroso-di-n-propylamine  
Concen: 15.60 ng/ul  
RT: 8.42 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

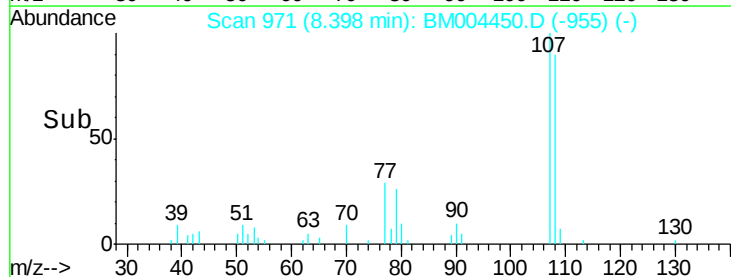
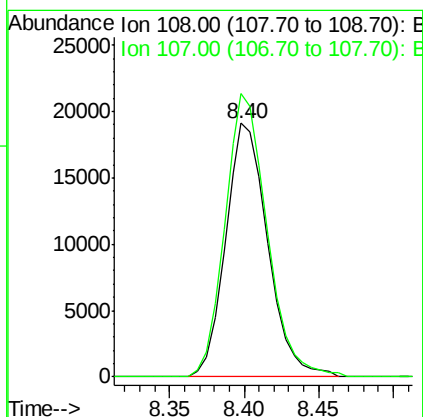
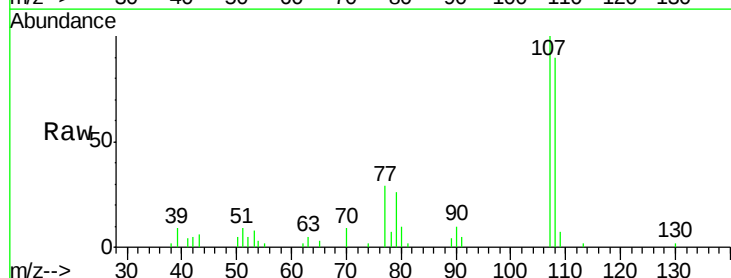
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

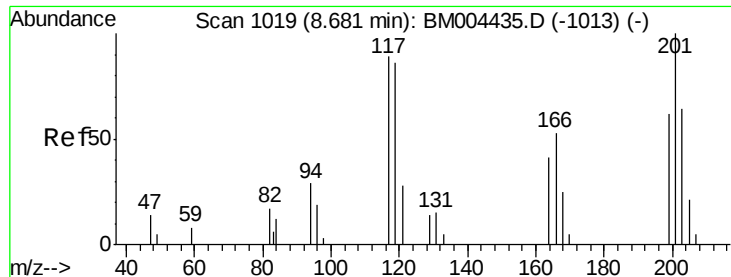
Tgt Ion: 70 Resp: 25097  
Ion Ratio Lower Upper  
70 100  
42 40.6 35.4 53.0  
101 11.2 8.4 12.6  
130 26.5 18.2 27.4



#16  
4-Methylphenol  
Concen: 16.47 ng/ul  
RT: 8.40 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion: 108 Resp: 37557  
Ion Ratio Lower Upper  
108 100  
107 111.6 90.3 135.5

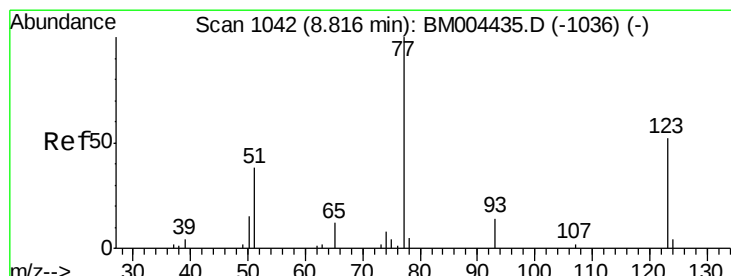
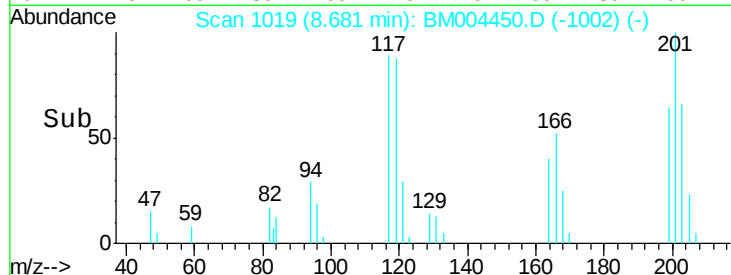
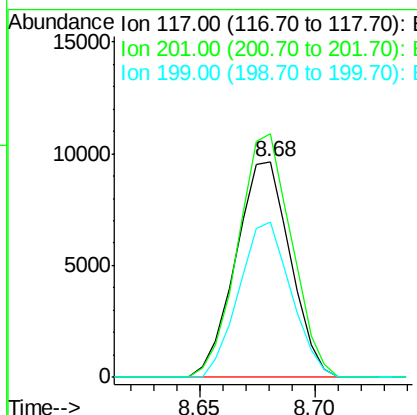
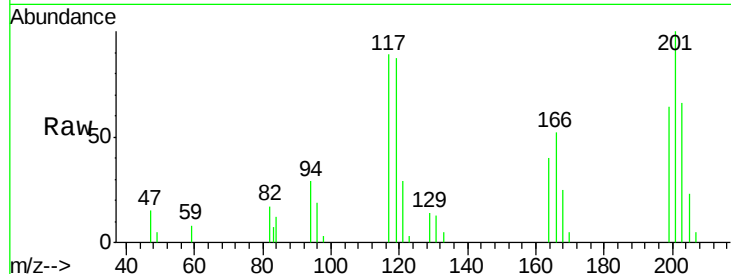




#17  
 Hexachloroethane  
 Concen: 19.51 ng/ul  
 RT: 8.68 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

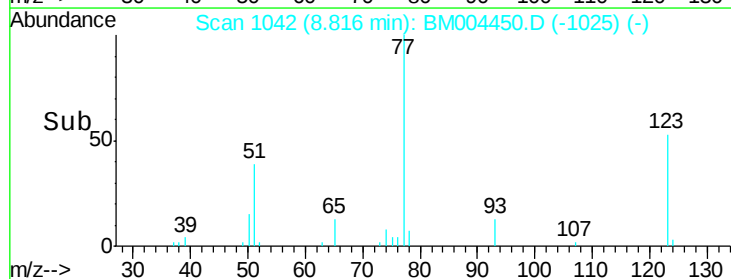
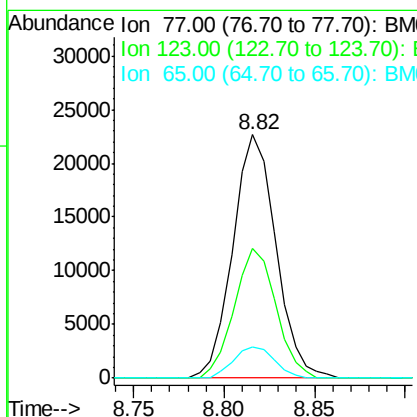
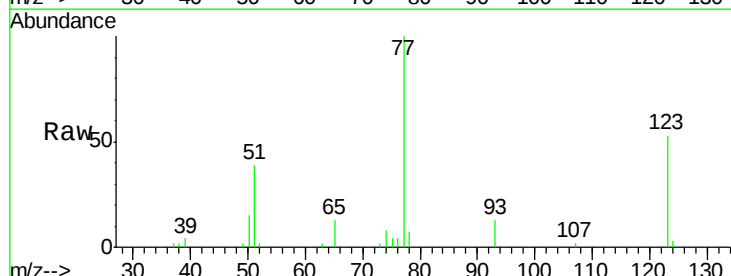
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

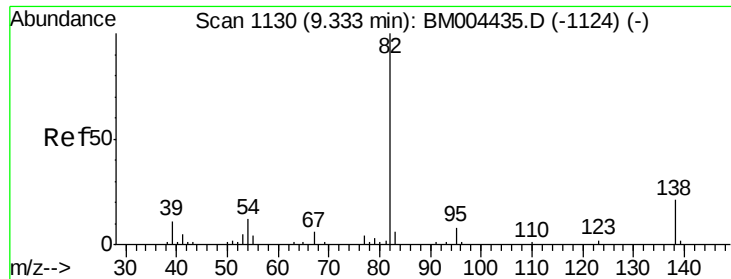
Tgt Ion: 117 Resp: 15894  
 Ion Ratio Lower Upper  
 117 100  
 201 112.8 81.5 122.3  
 199 71.9 50.6 76.0



#20  
 Nitrobenzene  
 Concen: 19.23 ng/ul  
 RT: 8.82 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion: 77 Resp: 37462  
 Ion Ratio Lower Upper  
 77 100  
 123 53.3 39.0 58.4  
 65 12.6 10.4 15.6





#21

Isophorone

Concen: 17.18 ng/ul

RT: 9.33 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

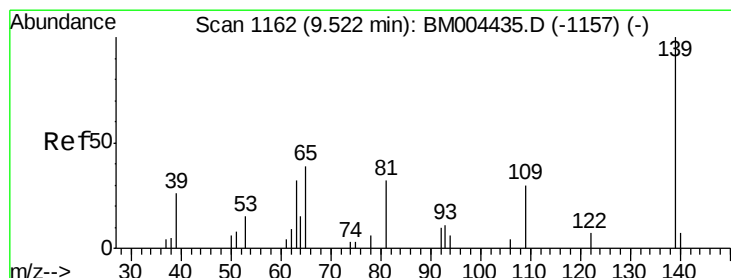
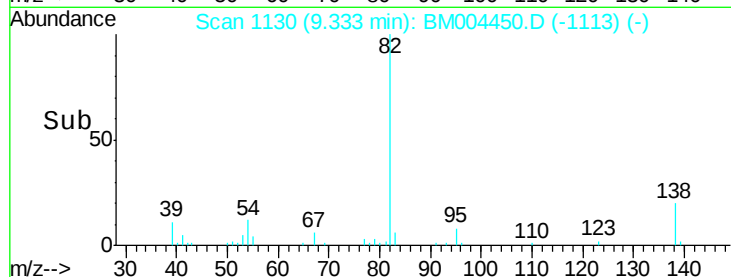
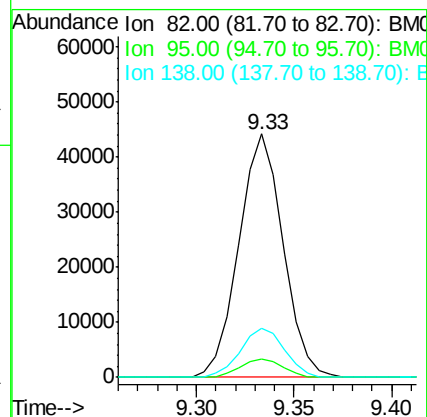
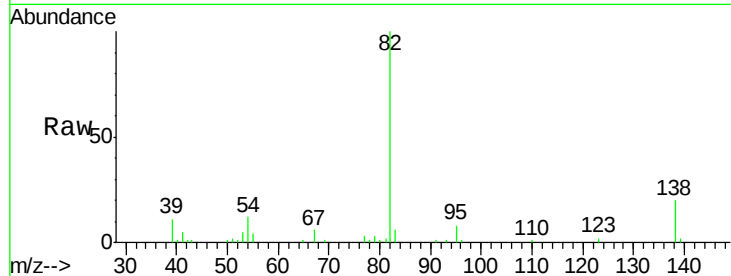
Tgt Ion: 82 Resp: 69378

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 20.4 14.9 22.3



#23

2-Nitrophenol

Concen: 19.13 ng/ul

RT: 9.53 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

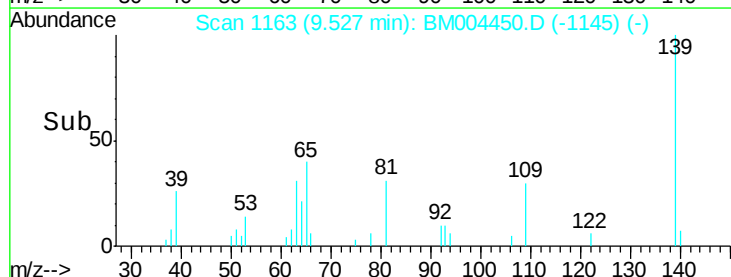
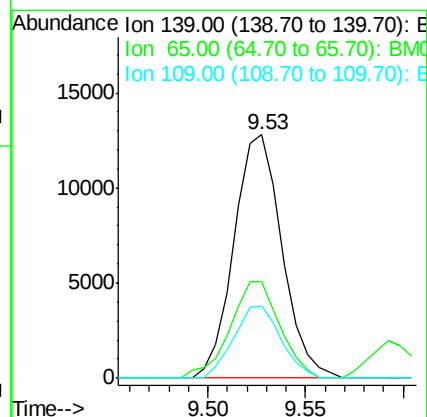
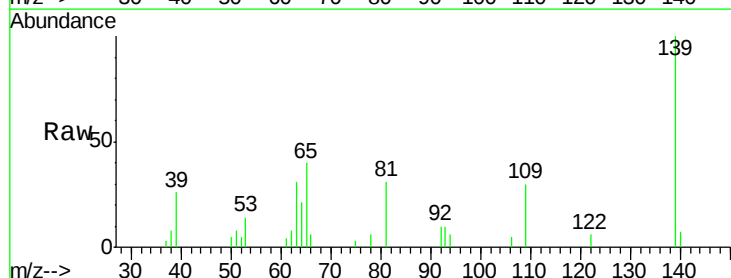
Tgt Ion: 139 Resp: 21865

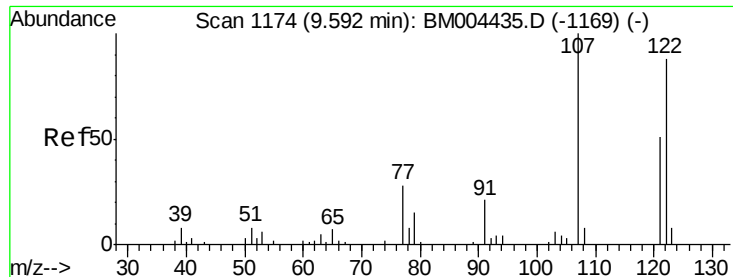
Ion Ratio Lower Upper

139 100

65 39.7 36.3 54.5

109 29.7 26.4 39.6

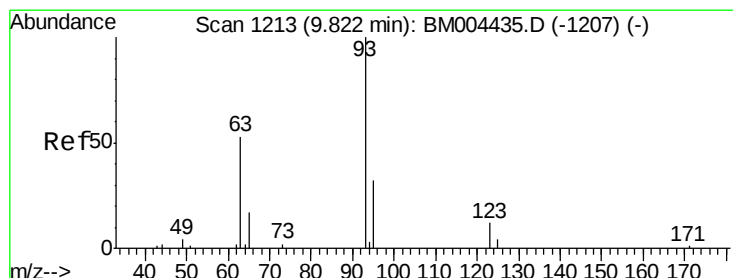
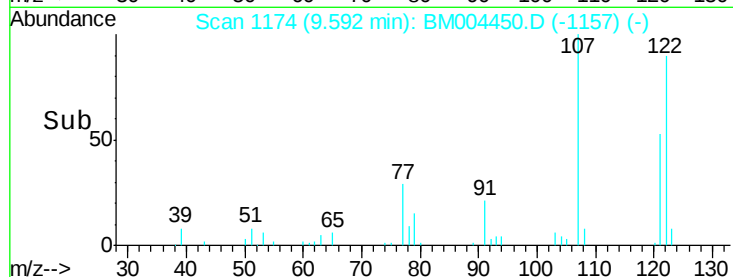
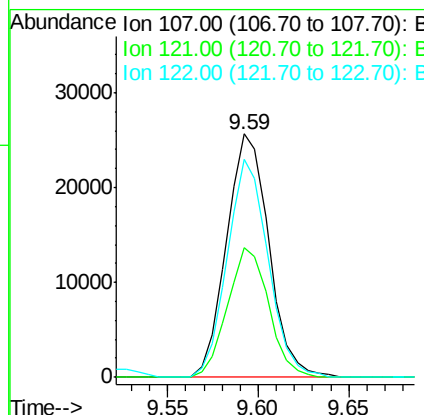
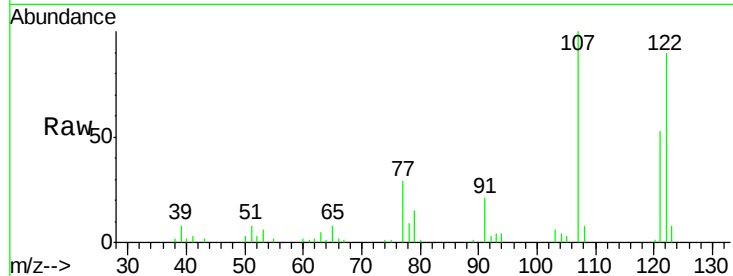




#24  
 2,4-Dimethylphenol  
 Concen: 18.27 ng/ul  
 RT: 9.59 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

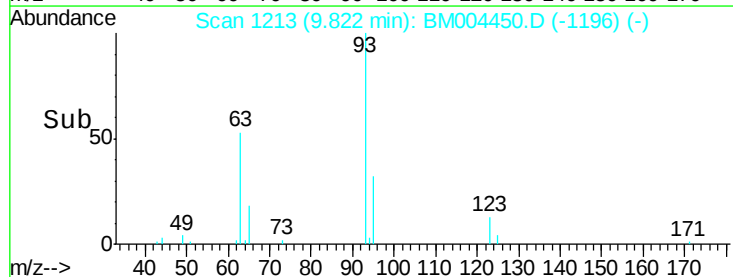
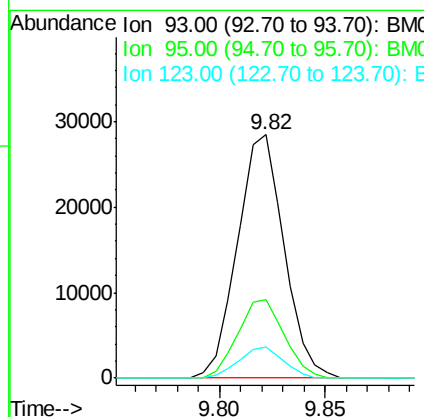
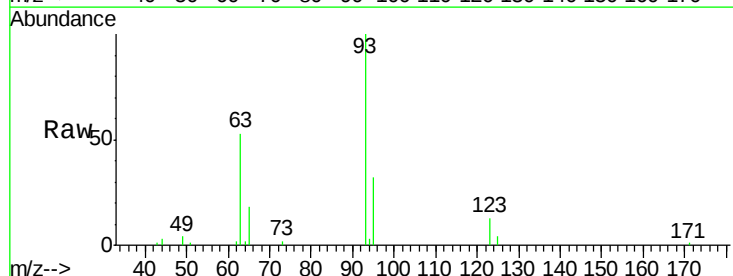
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

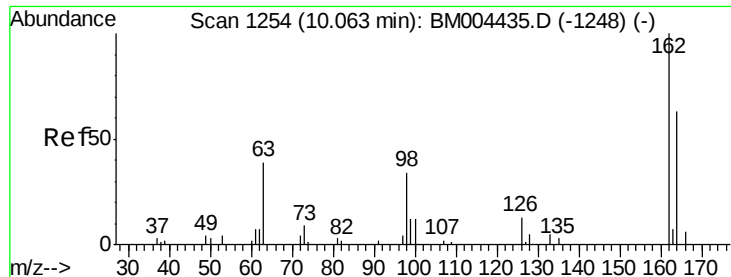
Tgt Ion: 107 Resp: 41709  
 Ion Ratio Lower Upper  
 107 100  
 121 53.4 40.6 61.0  
 122 89.7 67.8 101.6



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 17.91 ng/ul  
 RT: 9.82 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion: 93 Resp: 43579  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 25.8 38.8  
 123 12.5 9.8 14.8

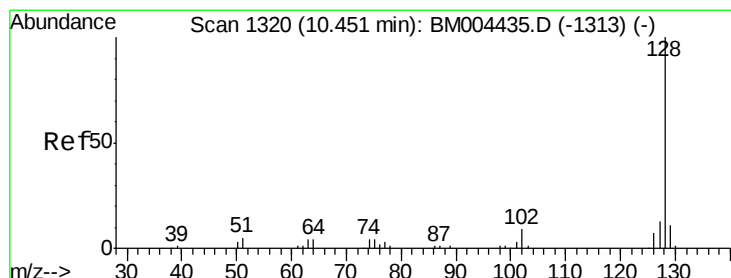
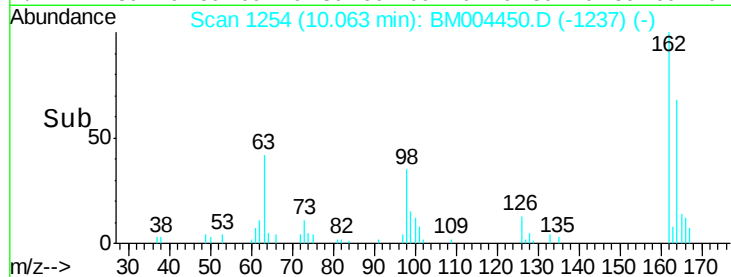
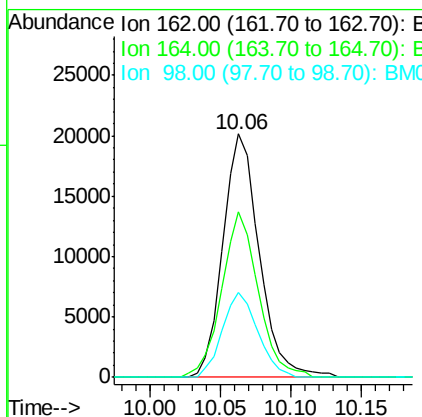
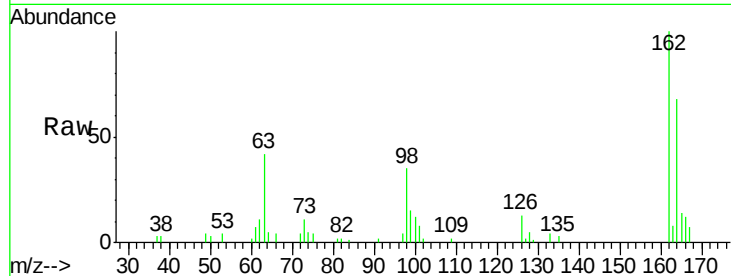




#27  
2,4-Dichlorophenol  
Concen: 18.71 ng/ul  
RT: 10.06 min Scan# 1254  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

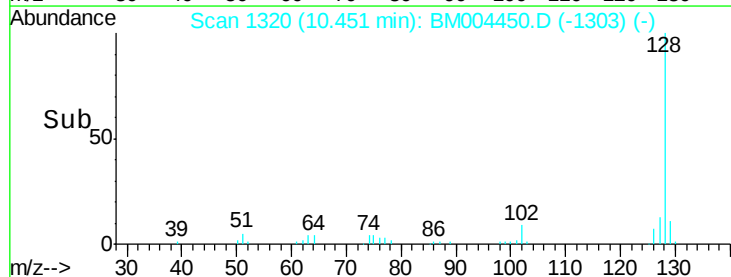
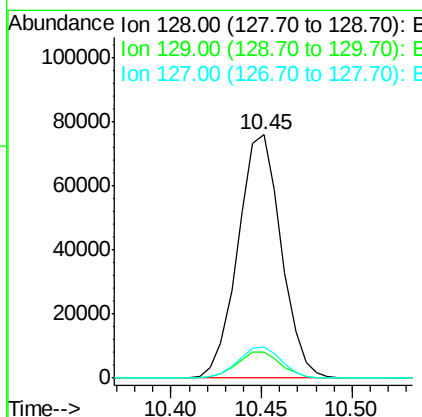
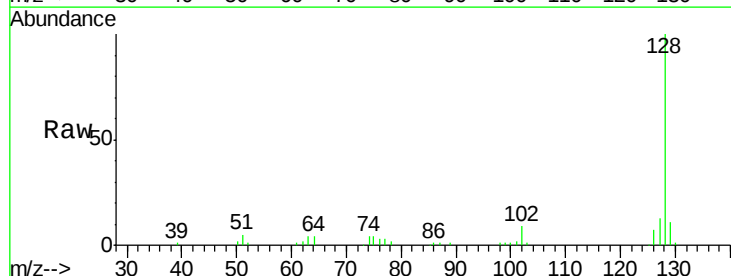
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

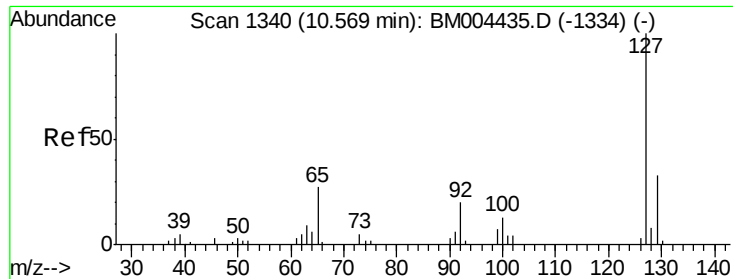
Tgt Ion:162 Resp: 36204  
Ion Ratio Lower Upper  
162 100  
164 67.9 52.1 78.1  
98 35.0 28.4 42.6



#28  
Naphthalene  
Concen: 19.25 ng/ul  
RT: 10.45 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:128 Resp: 125766  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 12.9 10.5 15.7

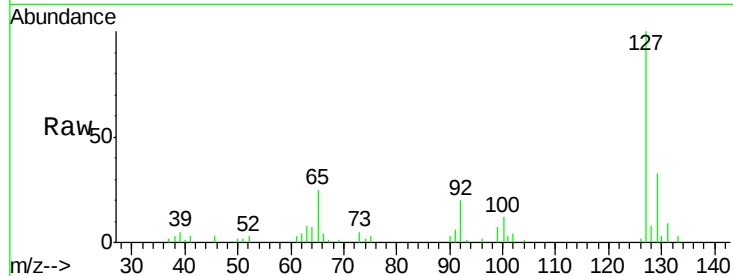




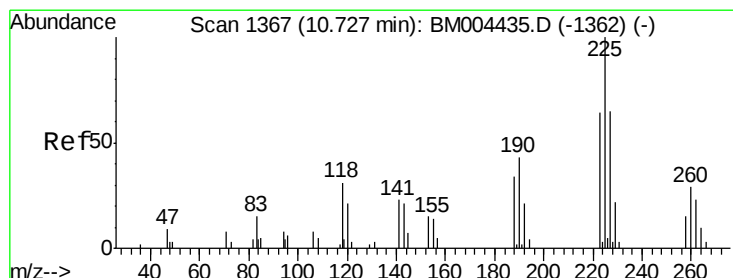
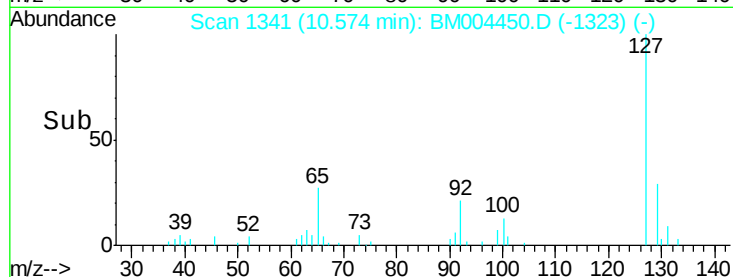
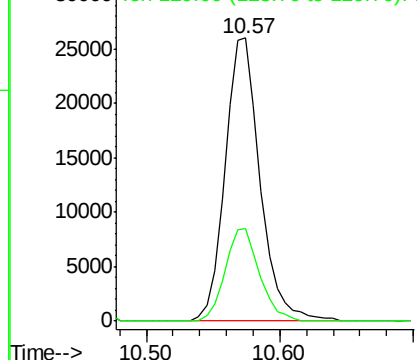
#30  
4-Chloroaniline  
Concen: 19.79 ng/ul  
RT: 10.57 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

Tgt Ion:127 Resp: 47706  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.4 38.2

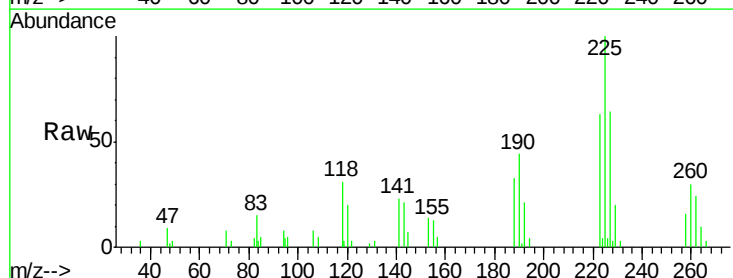


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

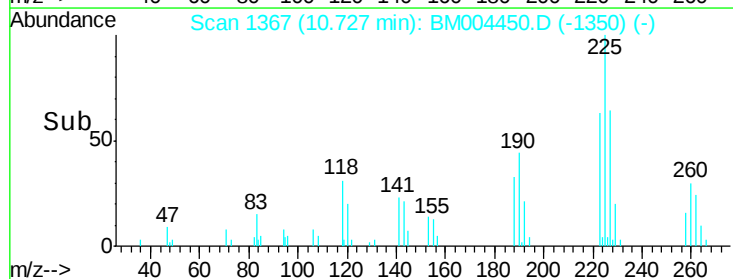
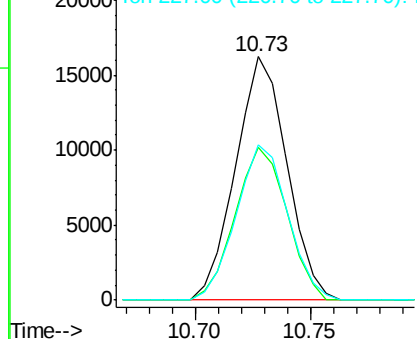


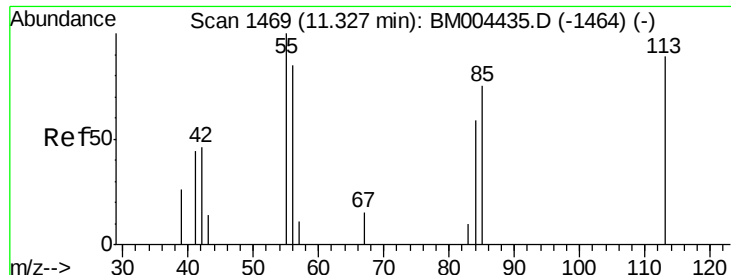
#31  
Hexachlorobutadiene  
Concen: 20.73 ng/ul  
RT: 10.73 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:225 Resp: 25169  
Ion Ratio Lower Upper  
225 100  
223 62.7 51.4 77.2  
227 63.6 50.7 76.1



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

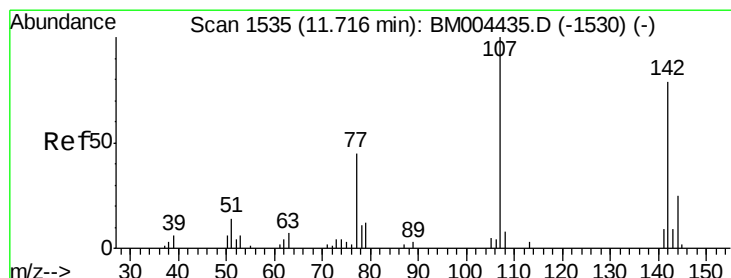
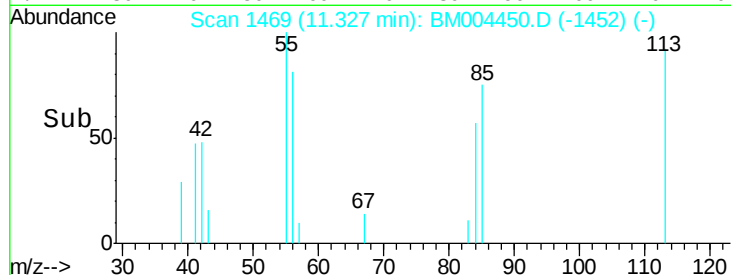
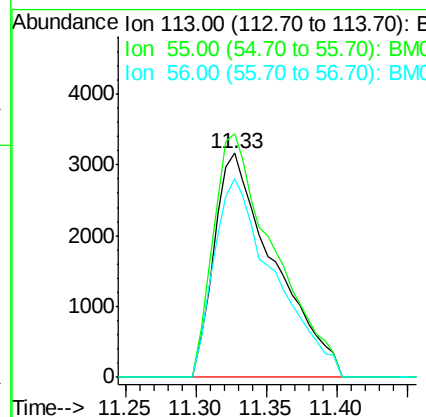
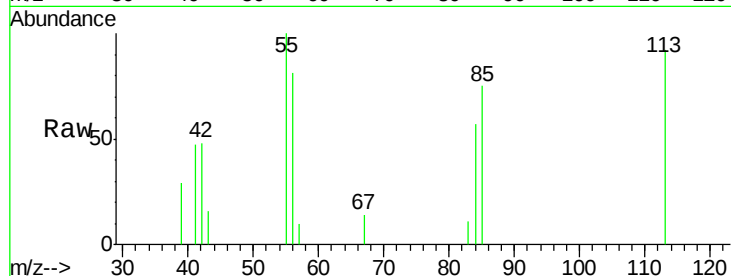




#32  
 Caprolactam  
 Concen: 13.90 ng/ul  
 RT: 11.33 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

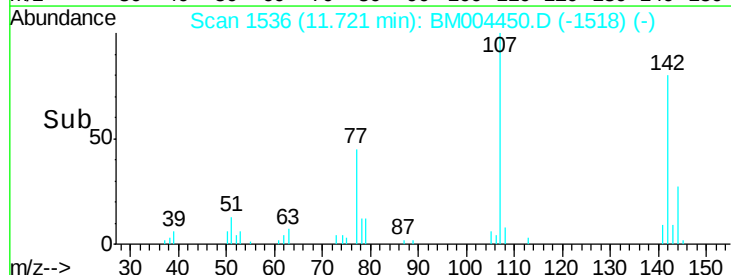
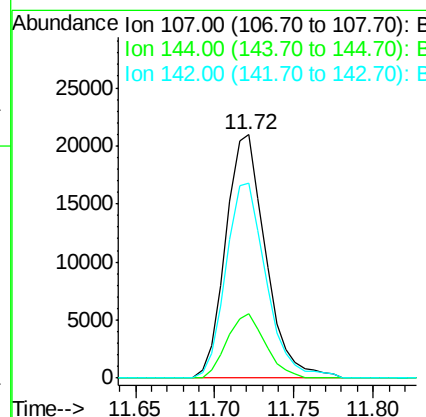
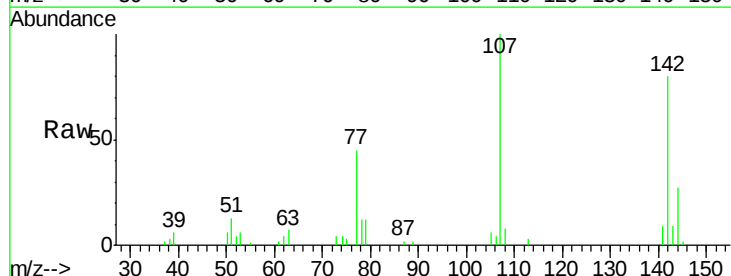
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

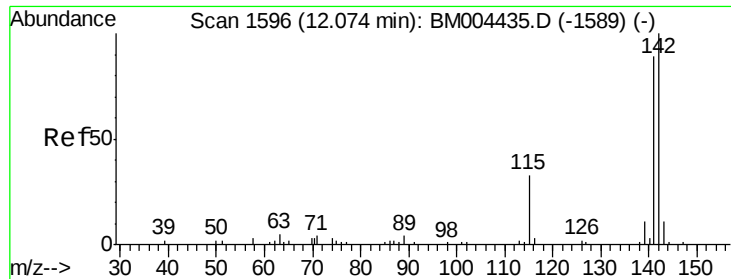
Tgt Ion:113 Resp: 9367  
 Ion Ratio Lower Upper  
 113 100  
 55 108.8 101.9 152.9  
 56 88.6 81.2 121.8



#33  
 4-Chloro-3-methylphenol  
 Concen: 16.19 ng/ul  
 RT: 11.72 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:107 Resp: 36665  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 20.4 30.6  
 142 80.2 62.5 93.7

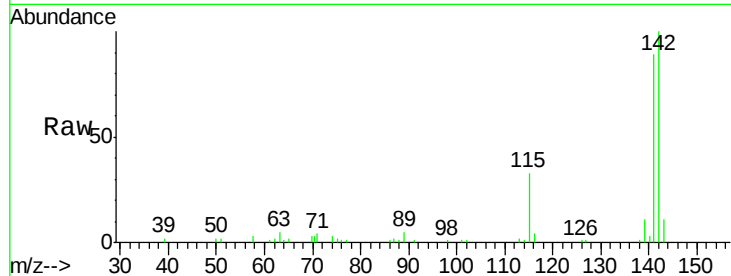




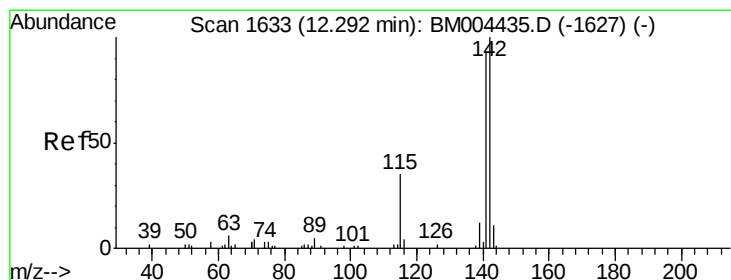
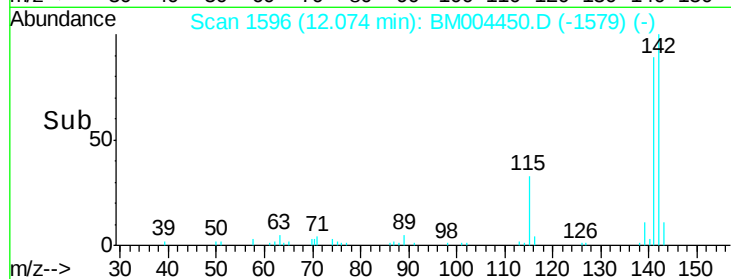
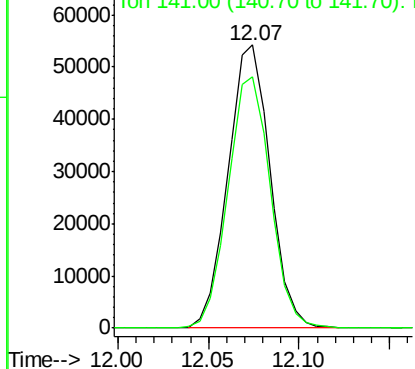
#34  
 2-Methylnaphthalene  
 Concen: 17.88 ng/ul  
 RT: 12.07 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

Tgt Ion:142 Resp: 87410  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 71.6 107.4

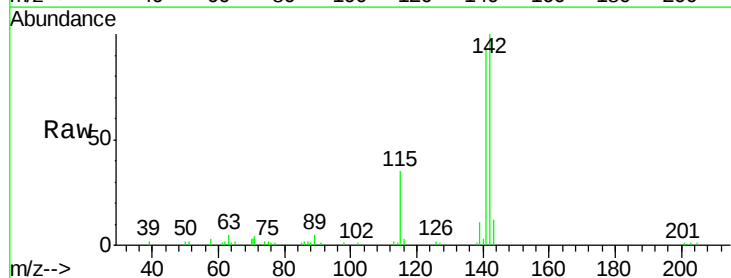


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E

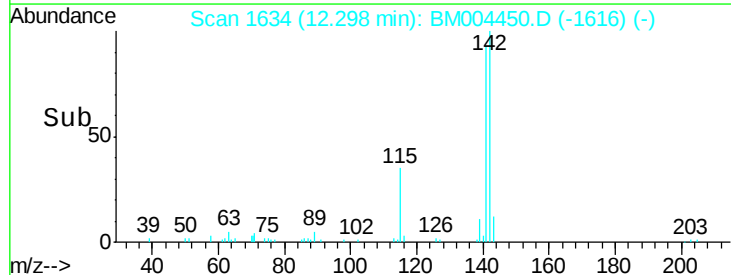
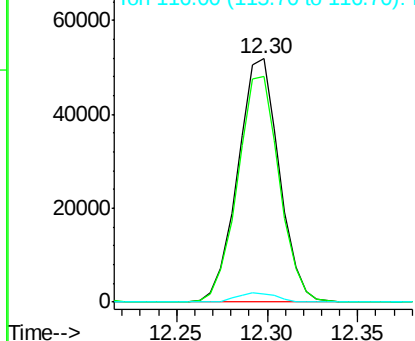


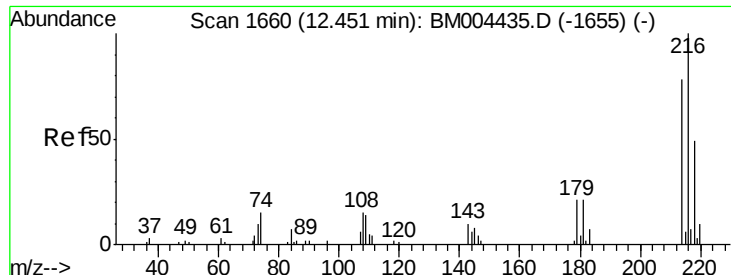
#35  
 1-Methylnaphthalene  
 Concen: 17.73 ng/ul  
 RT: 12.30 min Scan# 1634  
 Delta R.T. 0.01 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:142 Resp: 82421  
 Ion Ratio Lower Upper  
 142 100  
 141 92.9 74.9 112.3  
 116 3.4 3.1 4.7



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

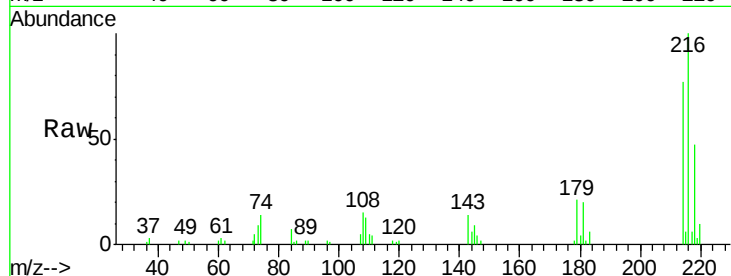




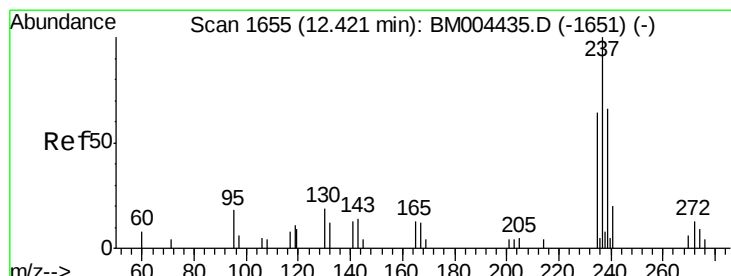
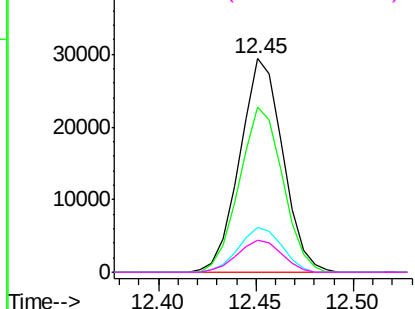
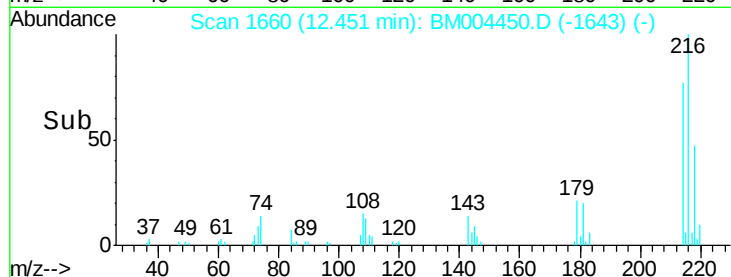
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.71 ng/ul  
 RT: 12.45 min Scan# 1660  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

Tgt Ion:216 Resp: 44872  
 Ion Ratio Lower Upper  
 216 100  
 214 77.3 62.5 93.7  
 179 21.0 18.2 27.2  
 108 15.3 14.2 21.2

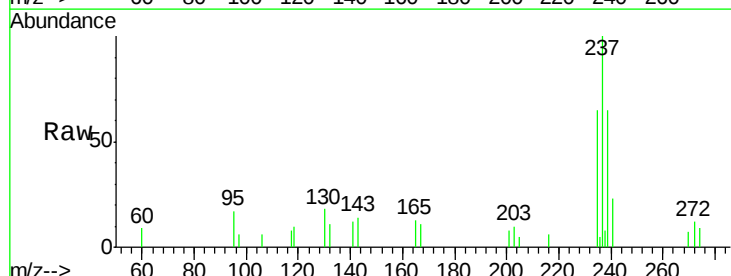


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

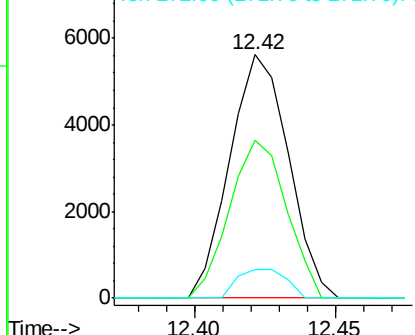
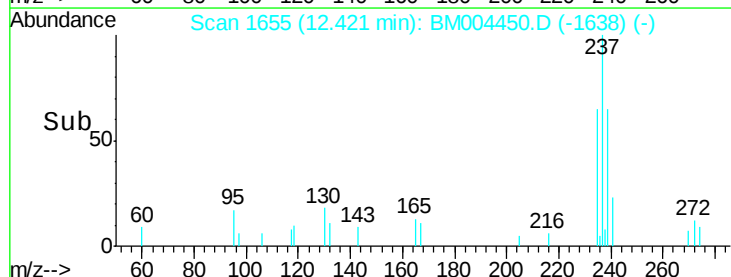


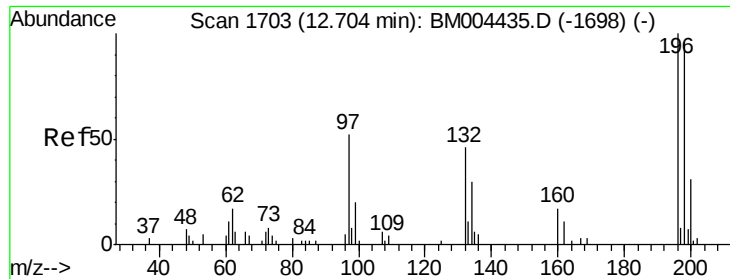
#38  
 Hexachlorocyclopentadiene  
 Concen: 10.56 ng/ul  
 RT: 12.42 min Scan# 1655  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:237 Resp: 8136  
 Ion Ratio Lower Upper  
 237 100  
 235 64.6 50.4 75.6  
 272 11.6 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

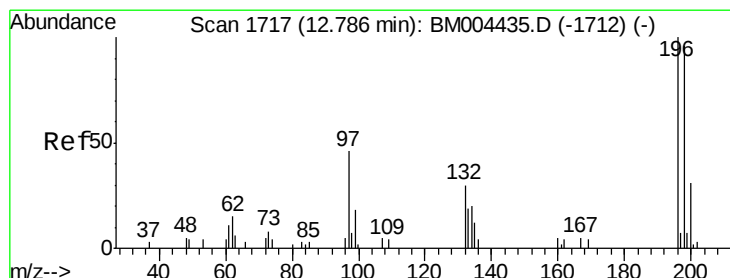
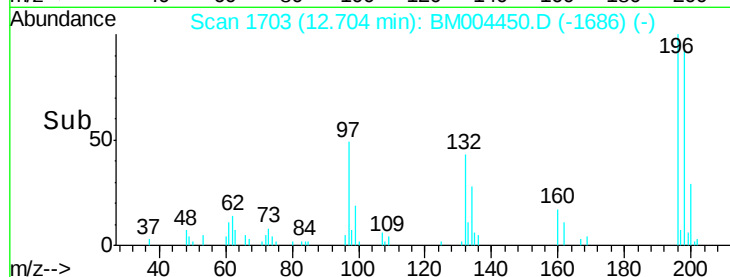
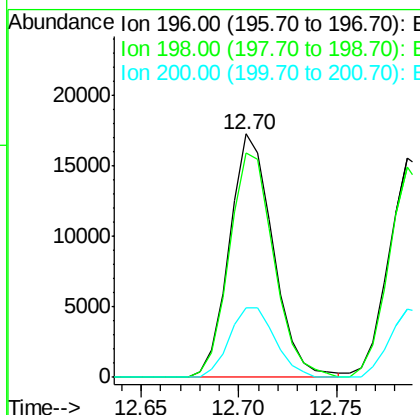
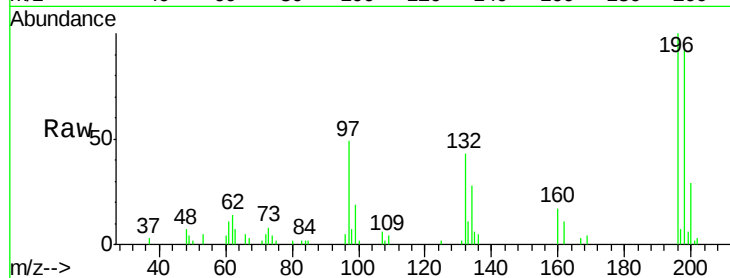




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.88 ng/ul  
 RT: 12.70 min Scan# 1703  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

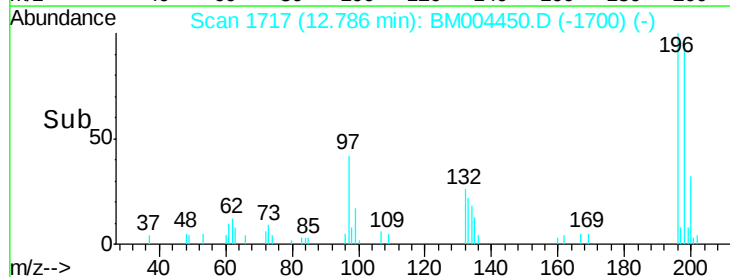
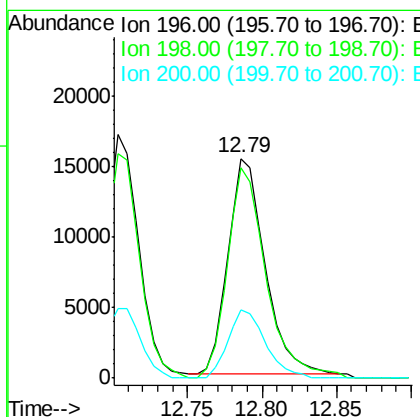
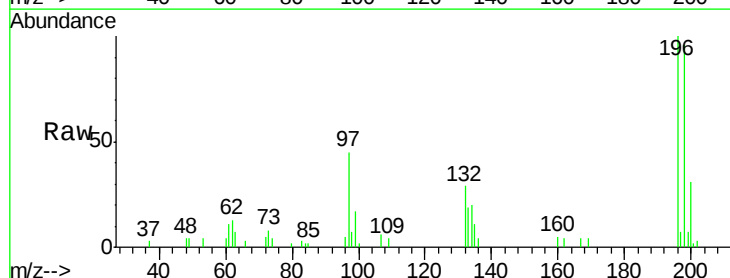
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

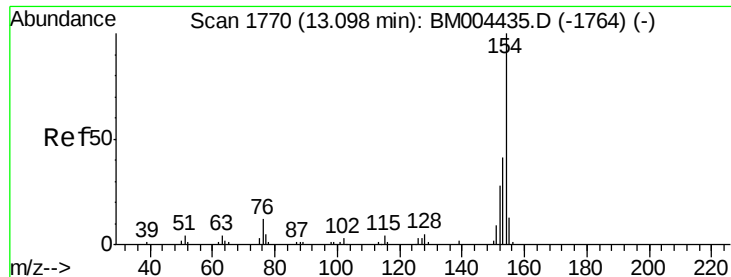
Tgt Ion:196 Resp: 26710  
 Ion Ratio Lower Upper  
 196 100  
 198 92.2 76.6 114.8  
 200 28.8 24.7 37.1



#40  
 2,4,5-Trichlorophenol  
 Concen: 18.20 ng/ul  
 RT: 12.79 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:196 Resp: 26535  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.9 115.3  
 200 31.4 25.0 37.4





#41

1,1'-Biphenyl

Concen: 20.53 ng/ul

RT: 13.10 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

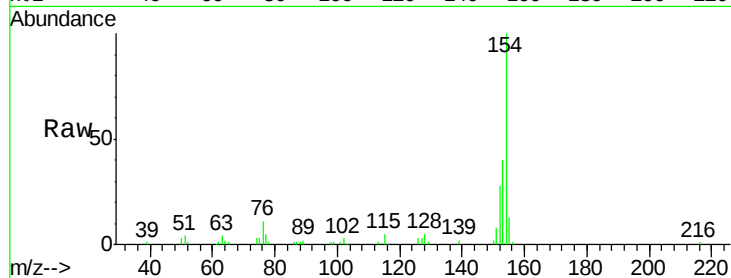
Tgt Ion:154 Resp: 109625

Ion Ratio Lower Upper

154 100

153 40.4 32.1 48.1

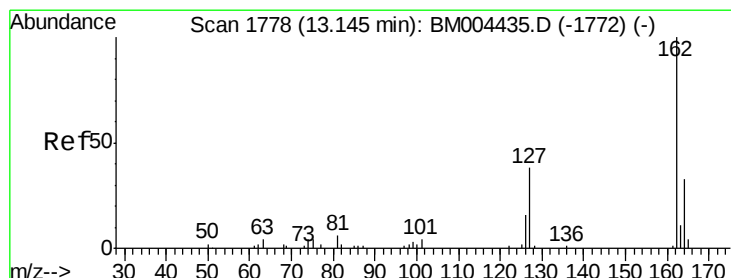
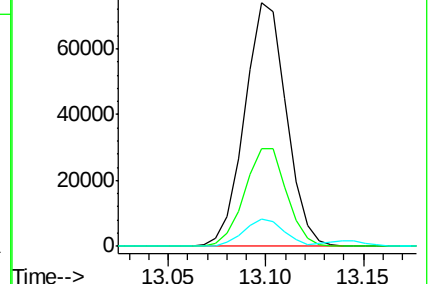
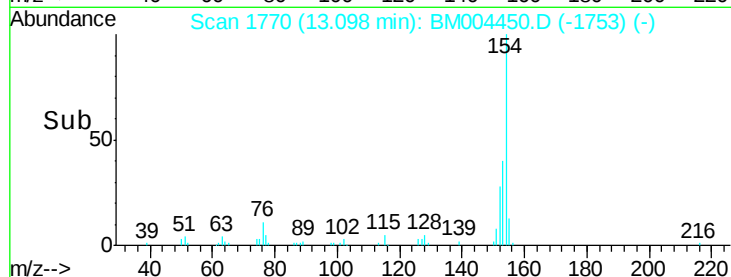
76 11.3 9.5 14.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 20.58 ng/ul

RT: 13.14 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

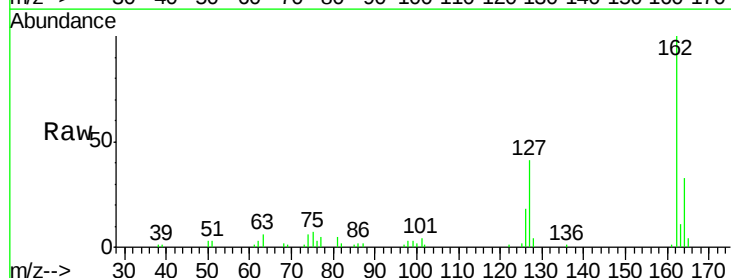
Tgt Ion:162 Resp: 83618

Ion Ratio Lower Upper

162 100

164 32.9 25.9 38.9

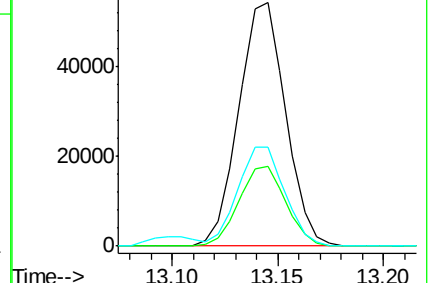
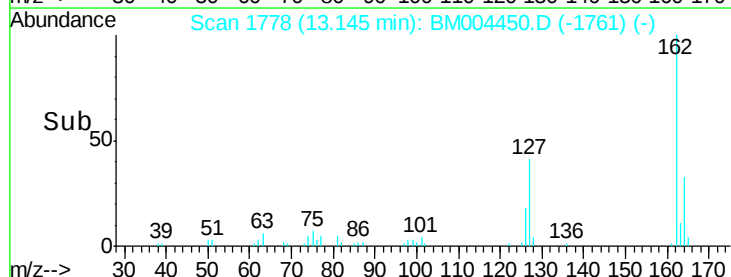
127 40.6 34.1 51.1

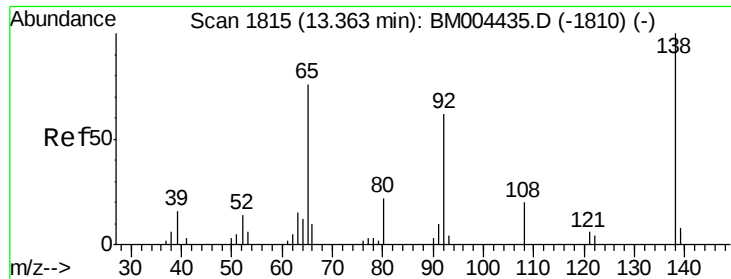


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

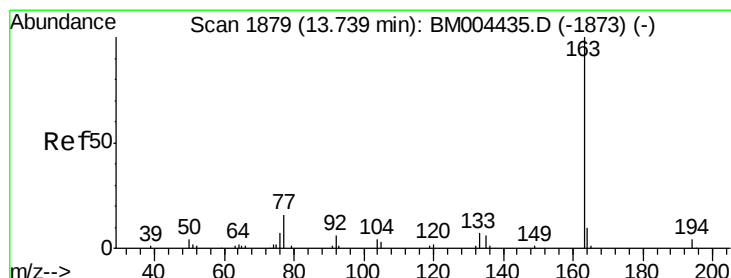
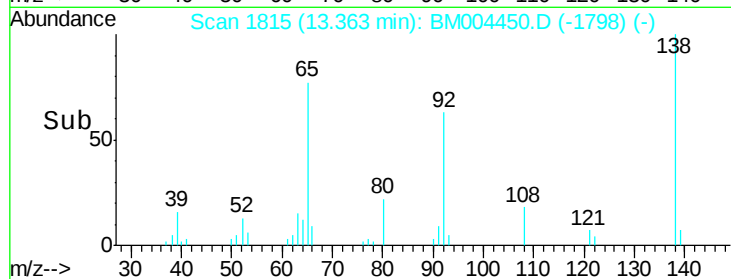
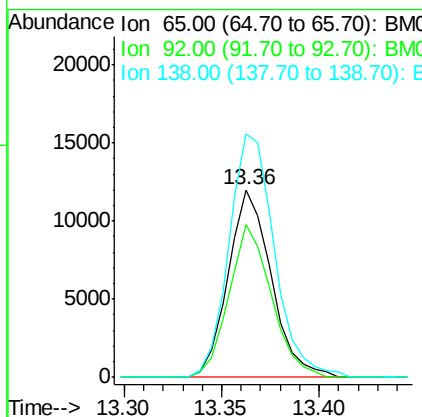
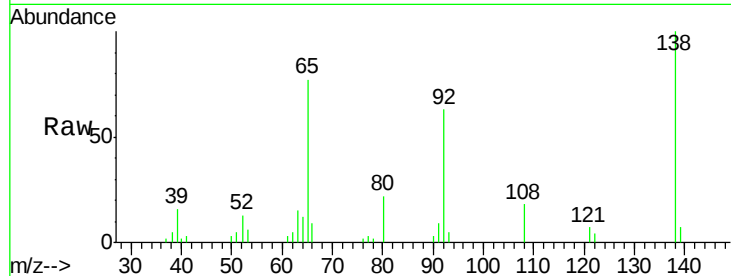




#43  
 2-Nitroaniline  
 Concen: 17.96 ng/ul  
 RT: 13.36 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

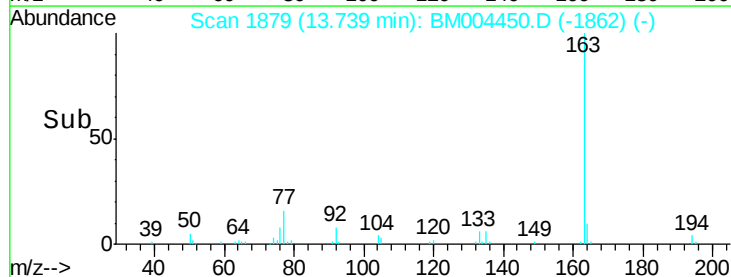
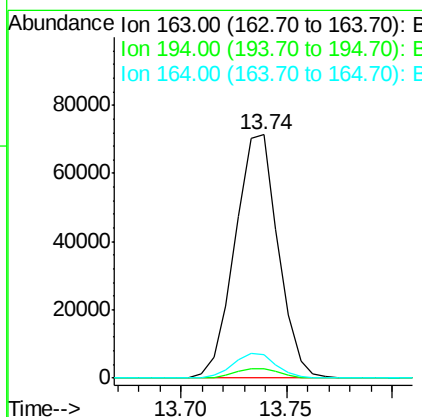
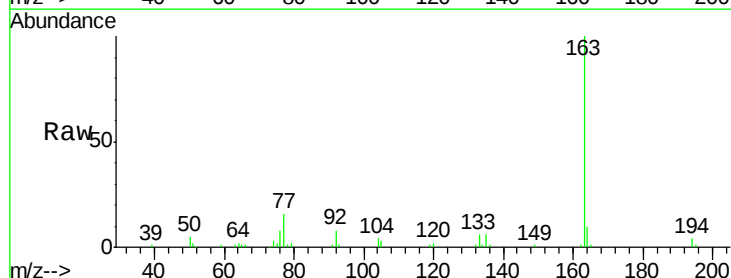
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

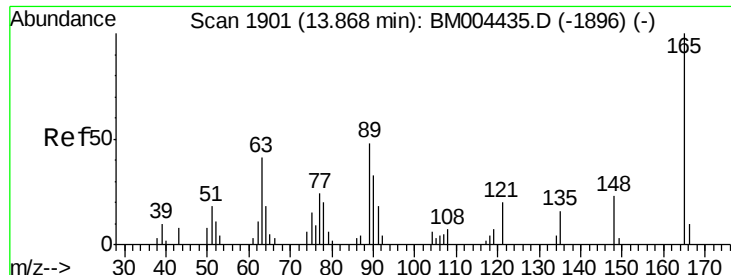
Tgt Ion: 65 Resp: 18396  
 Ion Ratio Lower Upper  
 65 100  
 92 81.6 60.4 90.6  
 138 130.0 99.8 149.6



#45  
 Dimethylphthalate  
 Concen: 18.18 ng/ul  
 RT: 13.74 min Scan# 1879  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion: 163 Resp: 101064  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 3.2 4.8  
 164 9.8 7.8 11.8

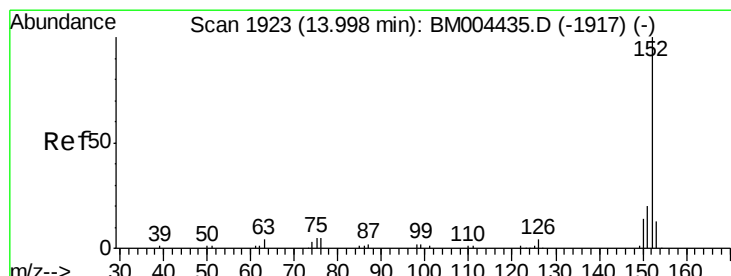
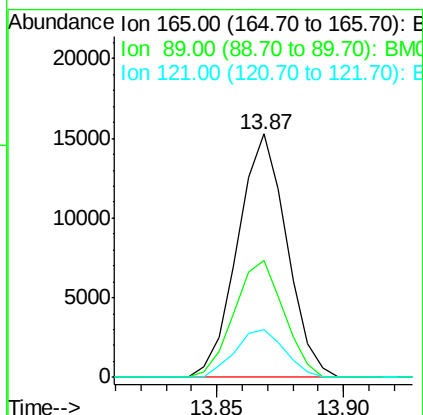
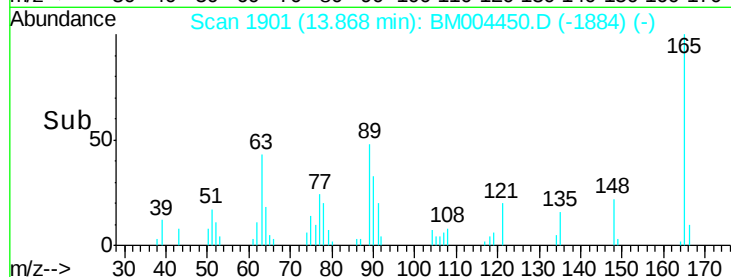
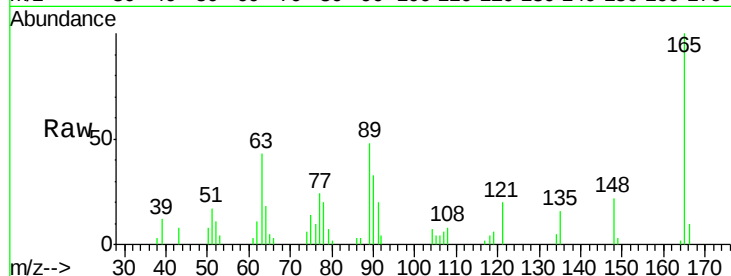




#46  
 2,6-Dinitrotoluene  
 Concen: 18.52 ng/ul  
 RT: 13.87 min Scan# 1901  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

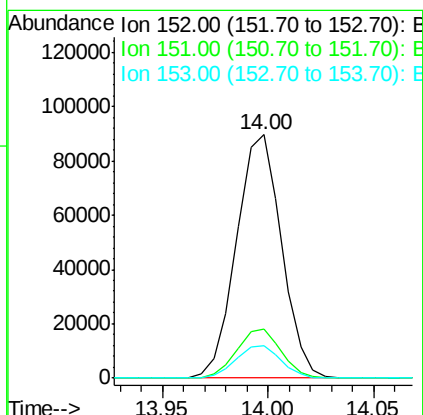
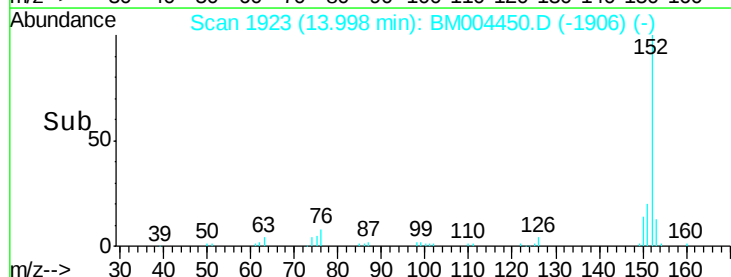
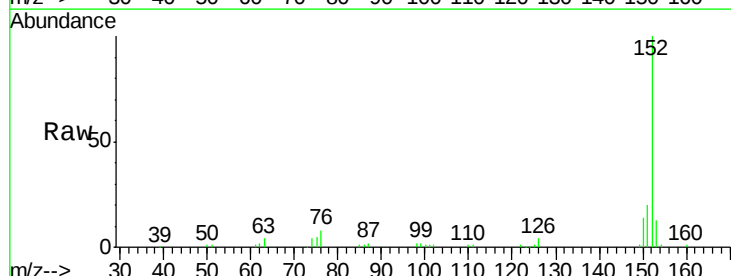
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

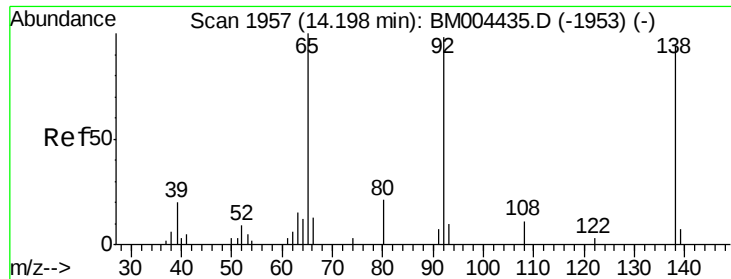
Tgt Ion:165 Resp: 20646  
 Ion Ratio Lower Upper  
 165 100  
 89 48.2 42.4 63.6  
 121 19.6 16.6 24.8



#48  
 Acenaphthylene  
 Concen: 19.56 ng/ul  
 RT: 14.00 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:152 Resp: 132786  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 15.7 23.5  
 153 13.1 10.5 15.7





#49

3-Nitroaniline

Concen: 18.71 ng/ul

RT: 14.20 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

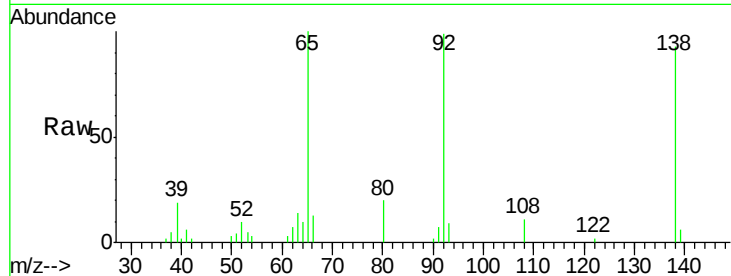
Tgt Ion:138 Resp: 20696

Ion Ratio Lower Upper

138 100

108 12.0 8.7 13.1

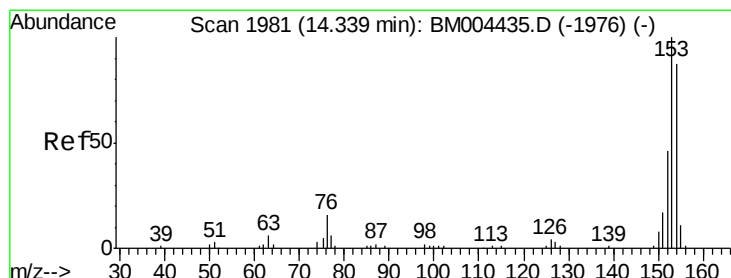
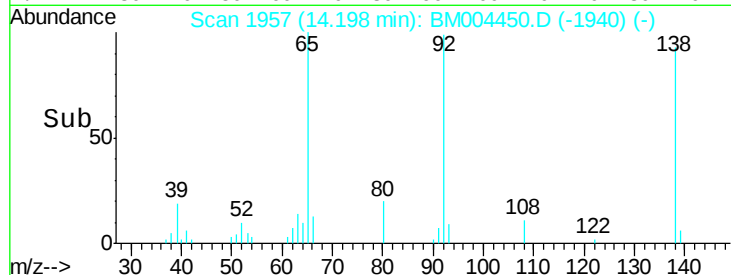
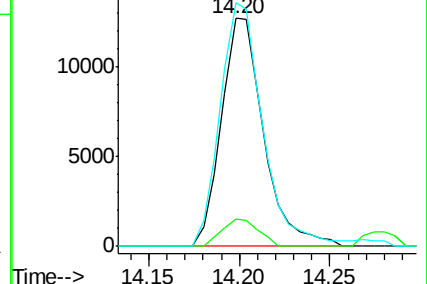
92 106.7 88.2 132.4



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: 19.35 ng/ul

RT: 14.34 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

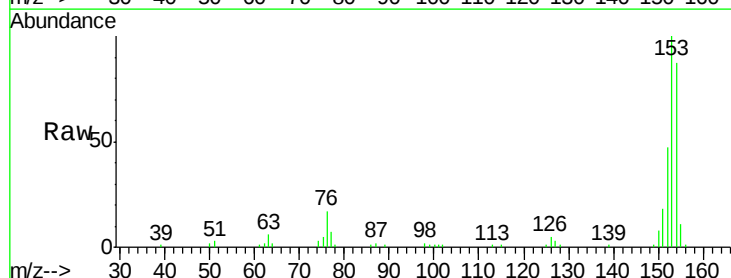
Tgt Ion:153 Resp: 89712

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

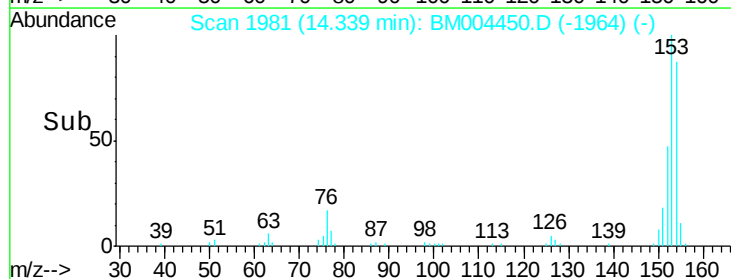
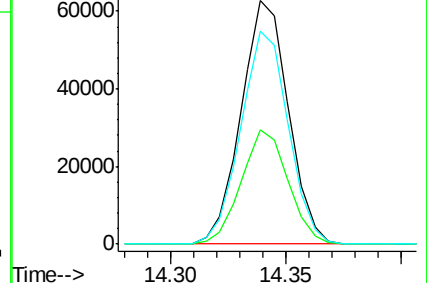
154 87.2 71.8 107.8

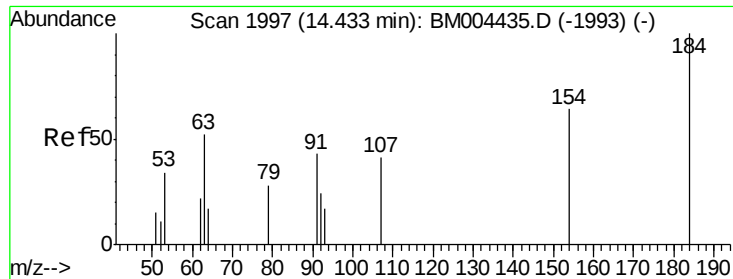


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

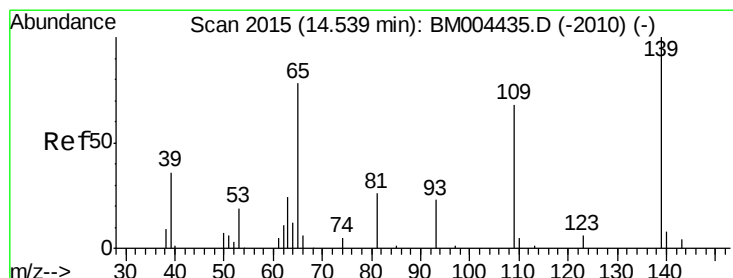
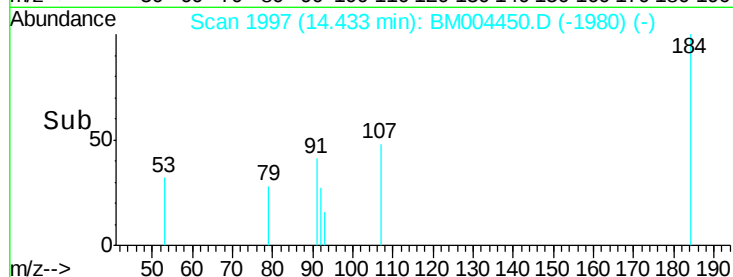
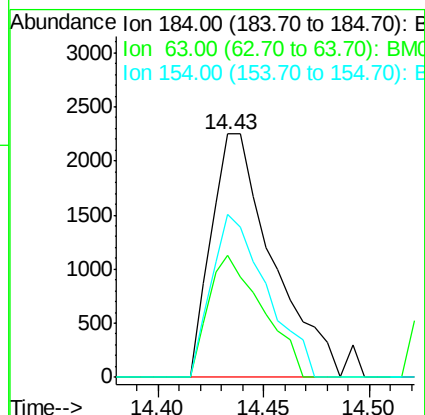
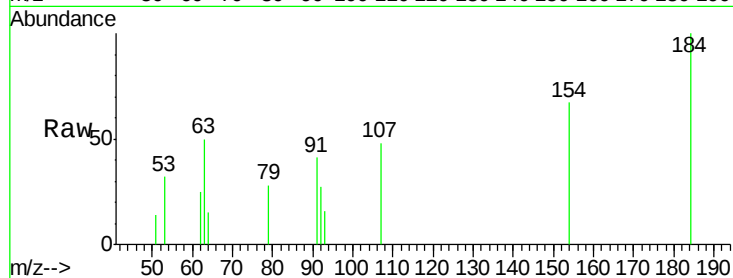




#51  
2,4-Dinitrophenol  
Concen: 8.99 ng/ul  
RT: 14.43 min Scan# 1997  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

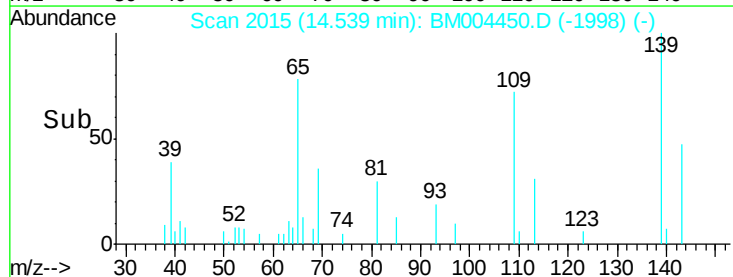
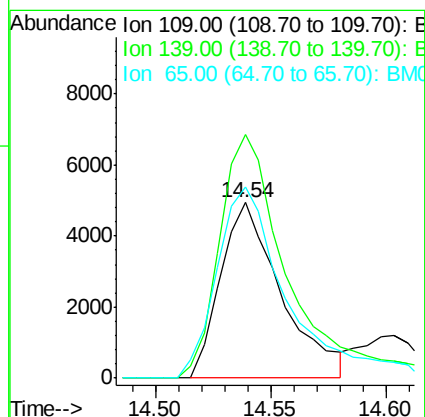
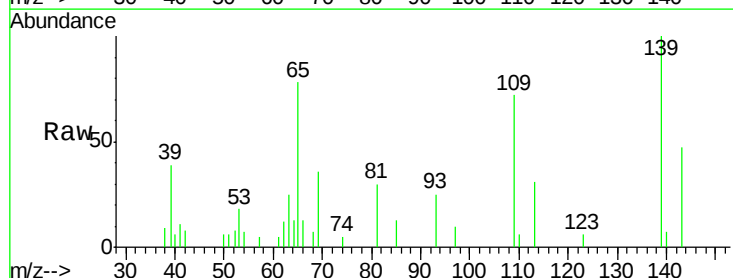
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

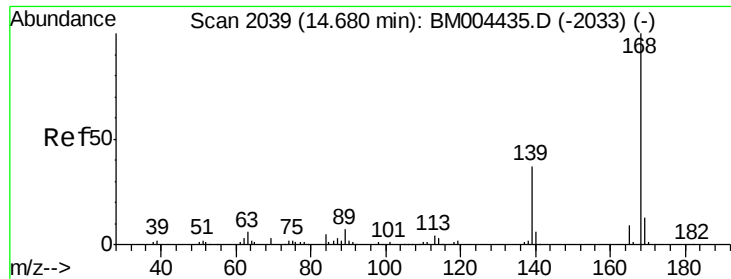
Tgt Ion:184 Resp: 4547  
Ion Ratio Lower Upper  
184 100  
63 49.9 46.5 69.7  
154 67.1 54.6 82.0



#53  
4-Nitrophenol  
Concen: 14.06 ng/ul  
RT: 14.54 min Scan# 2015  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:109 Resp: 9008  
Ion Ratio Lower Upper  
109 100  
139 138.8 103.7 155.5  
65 108.6 89.4 134.2





#54

Dibenzofuran

Concen: 19.05 ng/ul

RT: 14.68 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

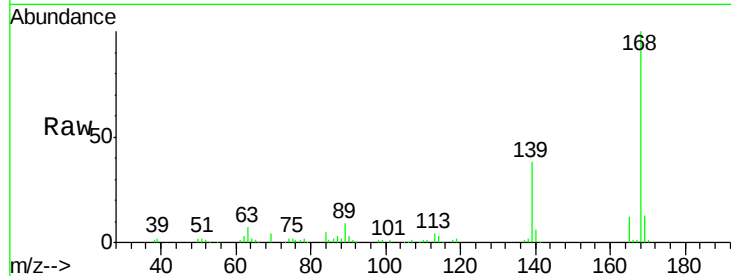
SSTD02062

Tgt Ion:168 Resp: 123335

Ion Ratio Lower Upper

168 100

139 38.3 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.68

80000

60000

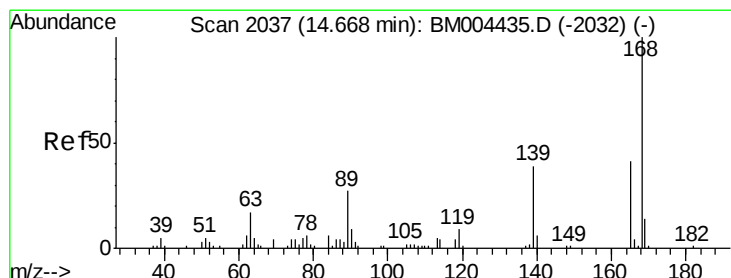
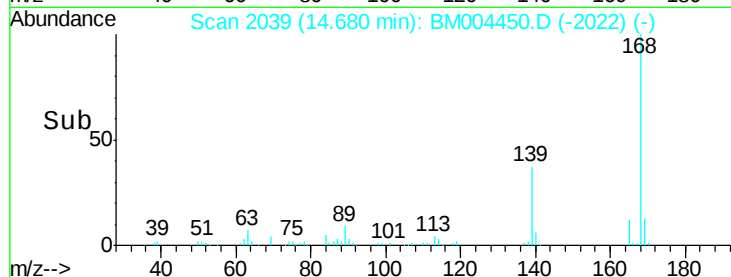
40000

20000

0

14.65 14.70

Time-->



#55

2,4-Dinitrotoluene

Concen: 17.85 ng/ul

RT: 14.67 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

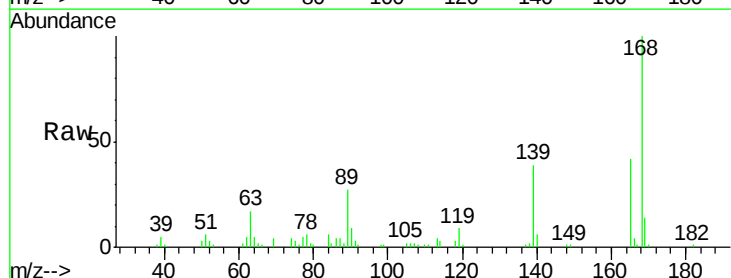
Tgt Ion:165 Resp: 29728

Ion Ratio Lower Upper

165 100

63 41.1 29.8 44.6

182 3.1 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.67

25000

20000

15000

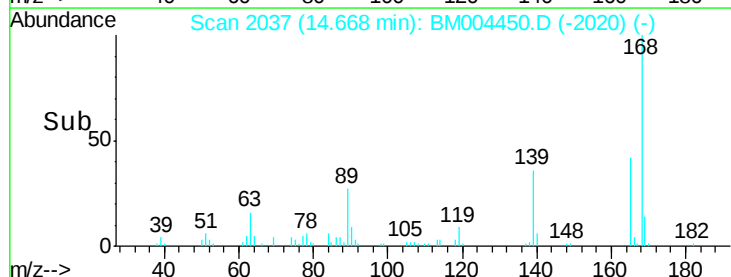
10000

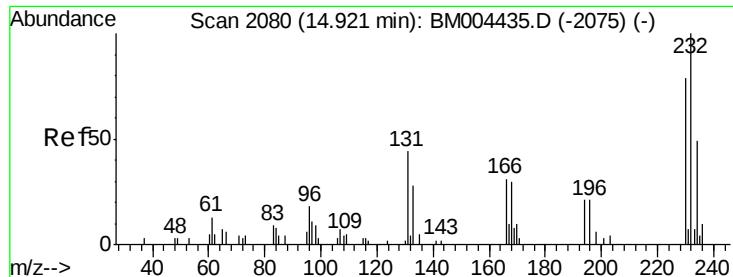
5000

0

14.65 14.70

Time-->

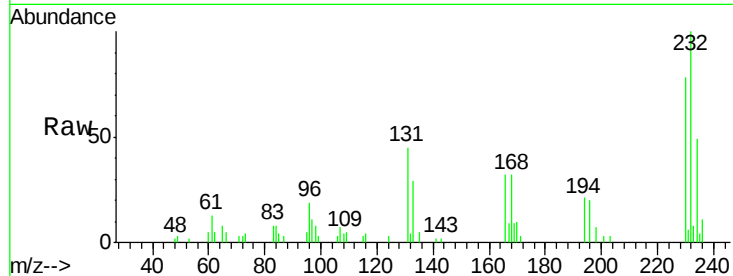




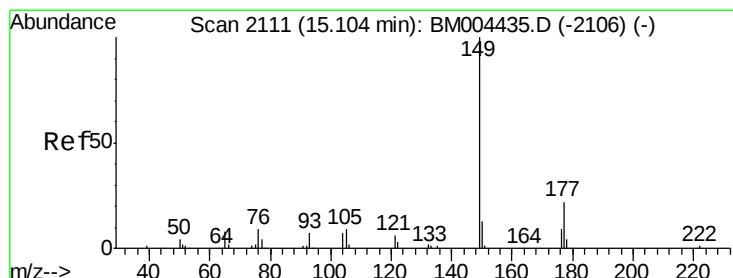
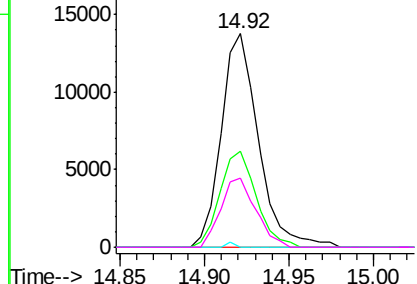
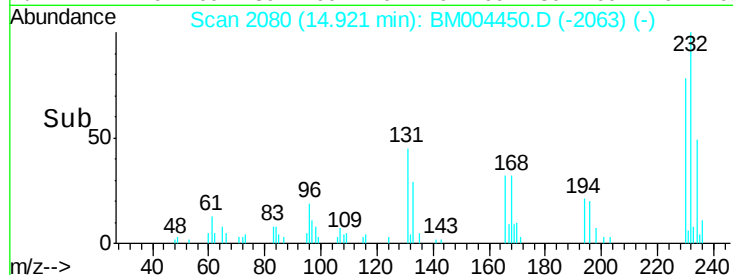
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 17.50 ng/ul  
 RT: 14.92 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

Tgt Ion: 232 Resp: 21132  
 Ion Ratio Lower Upper  
 232 100  
 131 44.9 39.4 59.2  
 130 0.0 2.2 3.2#  
 166 32.4 26.6 39.8

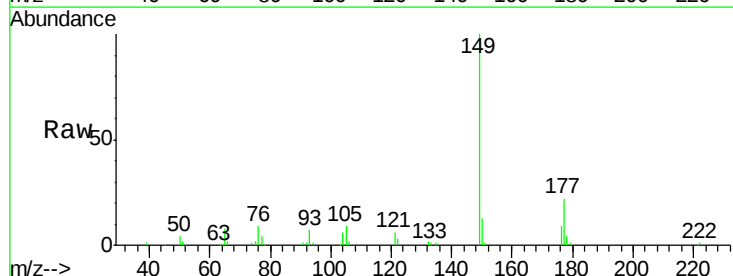


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

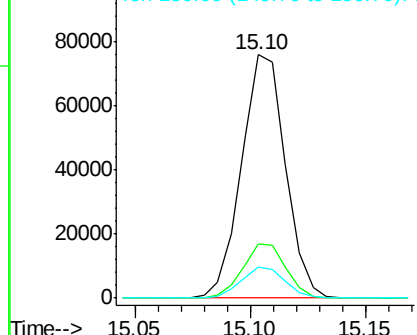
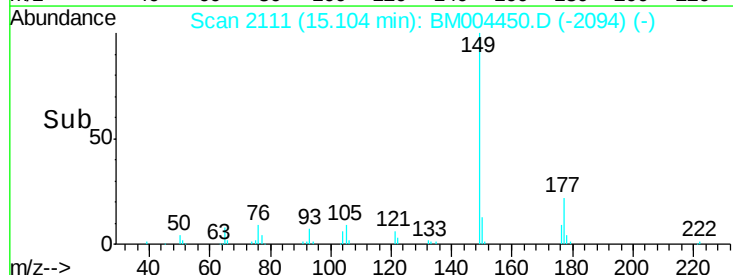


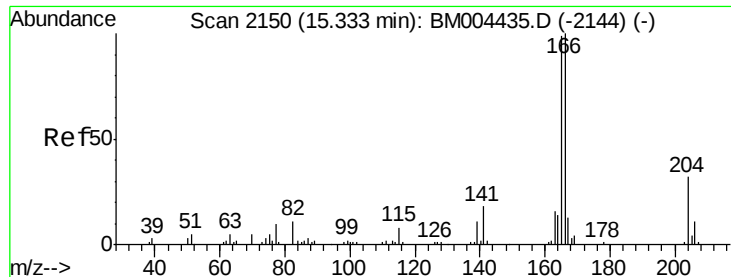
#57  
 Diethylphthalate  
 Concen: 17.50 ng/ul  
 RT: 15.10 min Scan# 2111  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion: 149 Resp: 100635  
 Ion Ratio Lower Upper  
 149 100  
 177 22.1 17.4 26.2  
 150 12.7 10.0 15.0



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





#59

Fluorene

Concen: 18.64 ng/ul

RT: 15.33 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

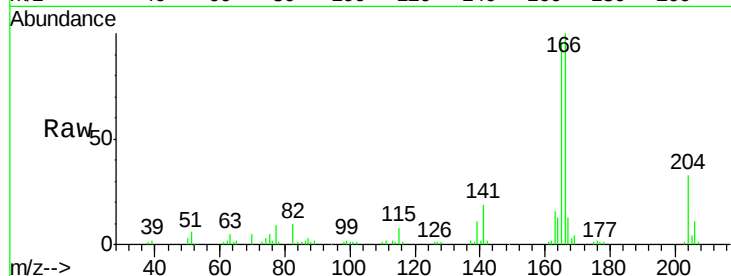
Tgt Ion:166 Resp: 100015

Ion Ratio Lower Upper

166 100

165 95.8 78.5 117.7

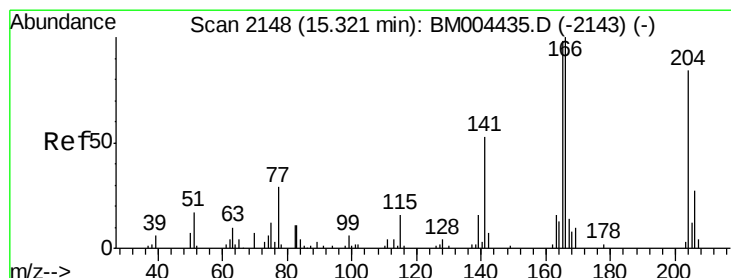
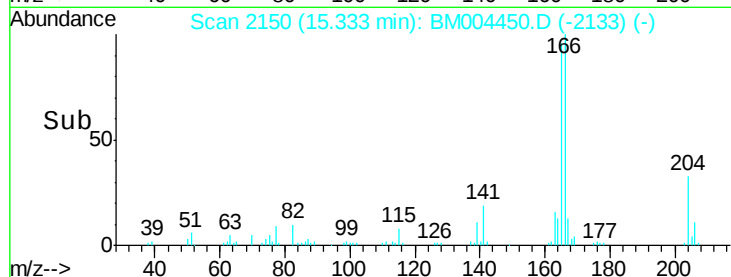
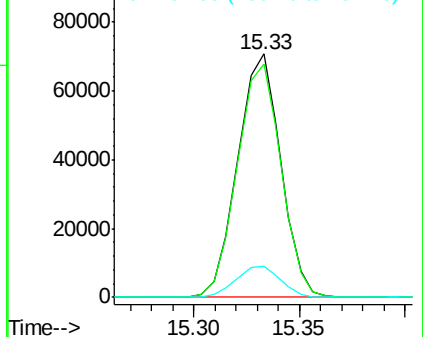
167 13.0 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 18.94 ng/ul

RT: 15.32 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

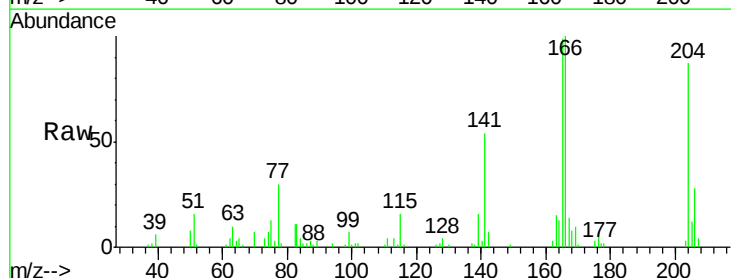
Tgt Ion:204 Resp: 49866

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.4

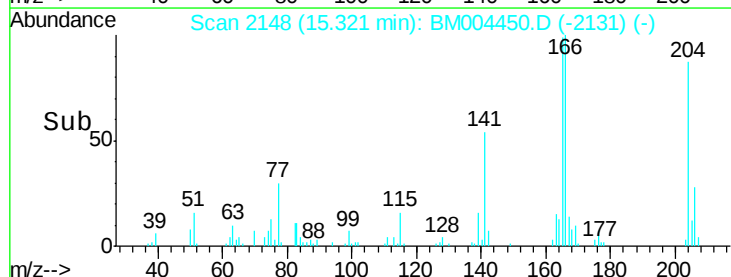
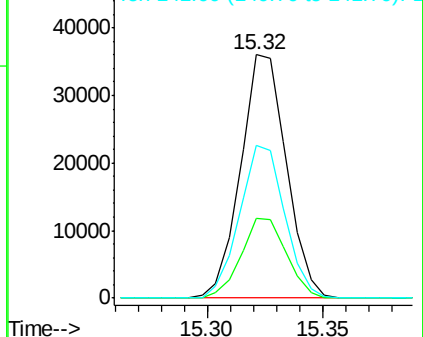
141 62.6 54.6 81.8

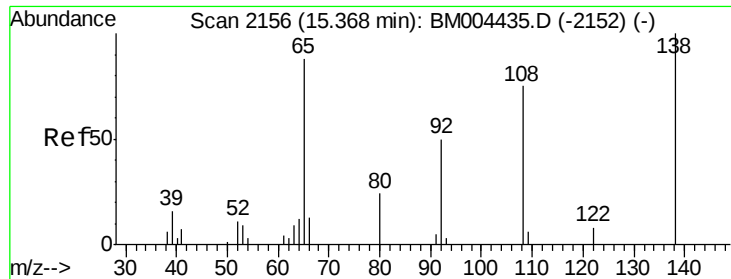


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

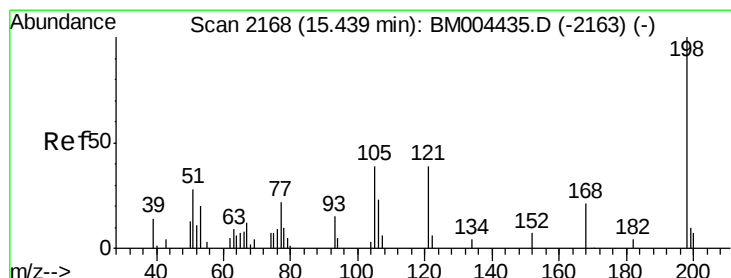
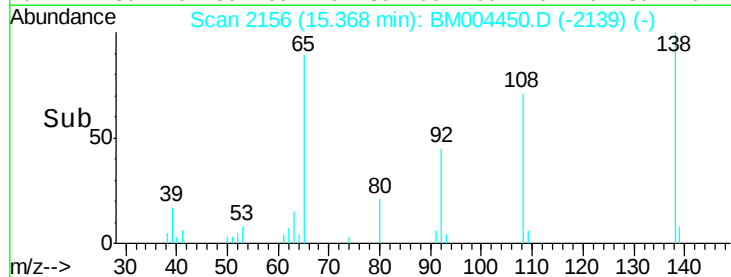
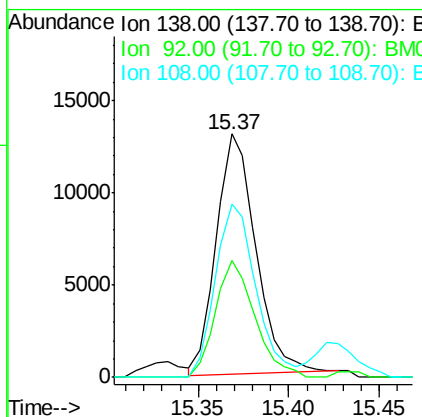
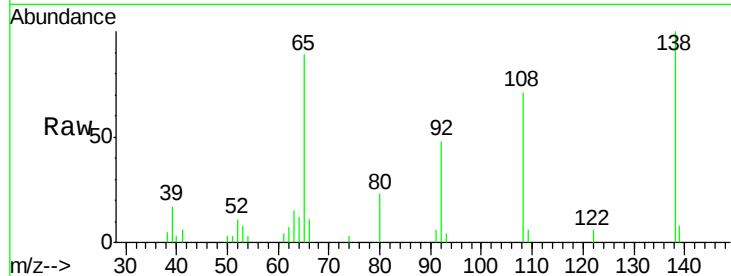




#61  
 4-Nitroaniline  
 Concen: 16.52 ng/ul  
 RT: 15.37 min Scan# 2156  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

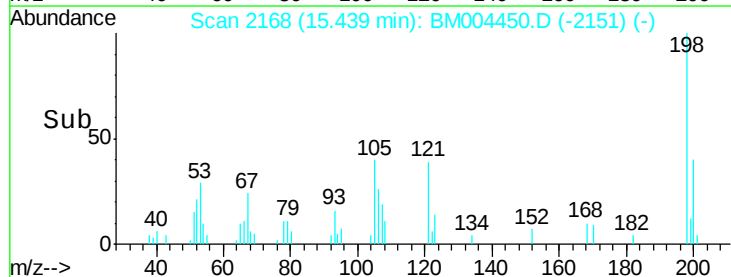
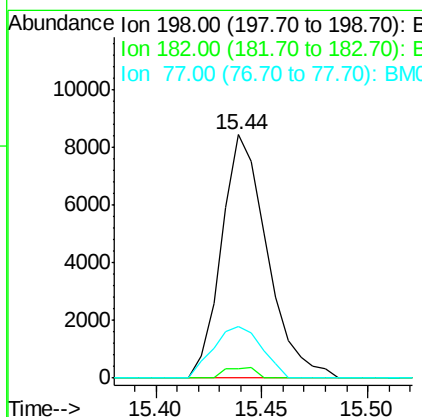
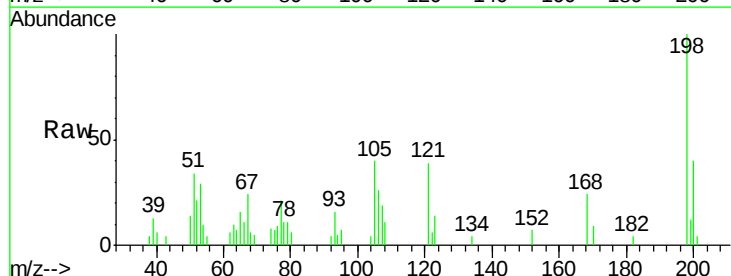
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

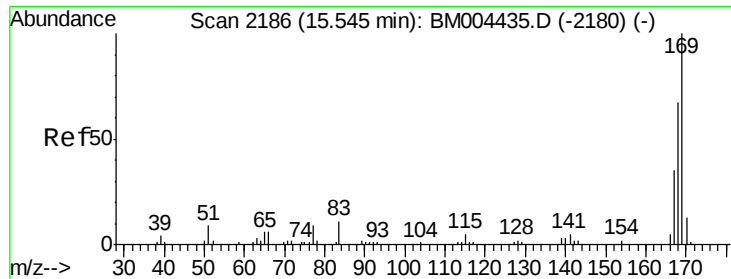
Tgt Ion:138 Resp: 19696  
 Ion Ratio Lower Upper  
 138 100  
 92 48.0 40.6 60.8  
 108 71.3 67.0 100.6



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 14.75 ng/ul  
 RT: 15.44 min Scan# 2168  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:198 Resp: 12700  
 Ion Ratio Lower Upper  
 198 100  
 182 4.0 3.1 4.7  
 77 21.1 20.1 30.1

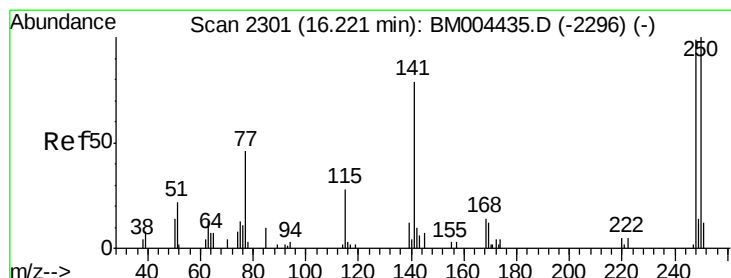
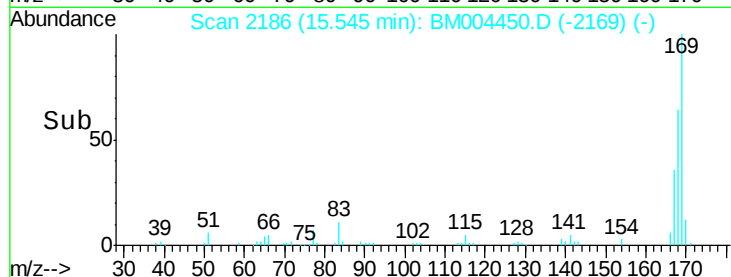
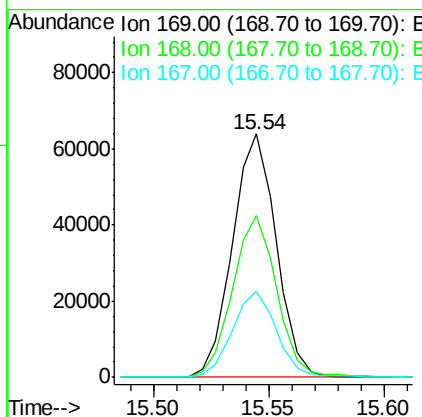
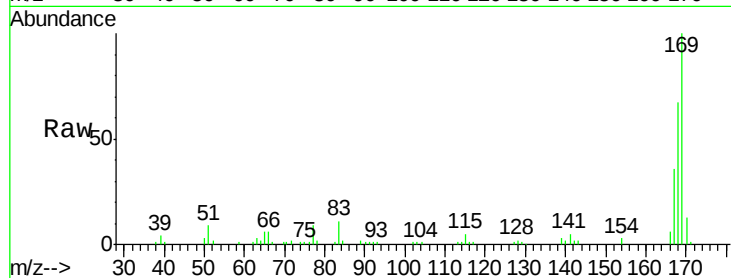




#65  
 N-Nitrosodiphenylamine  
 Concen: 20.24 ng/ul  
 RT: 15.54 min Scan# 2186  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

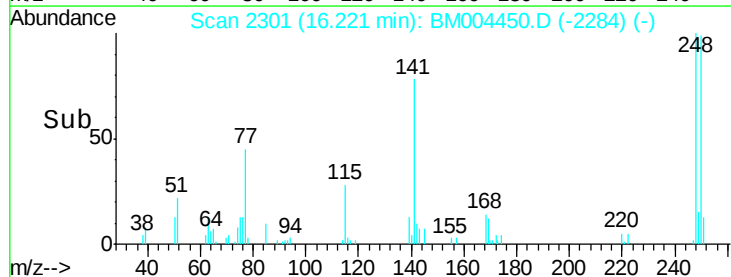
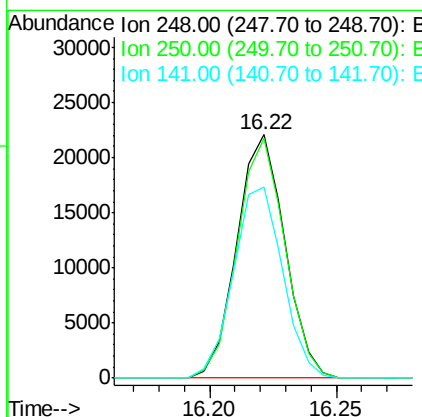
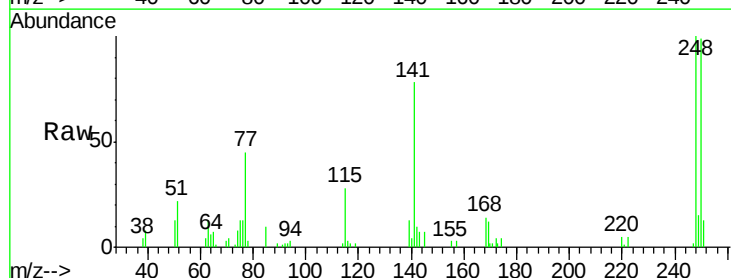
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02062

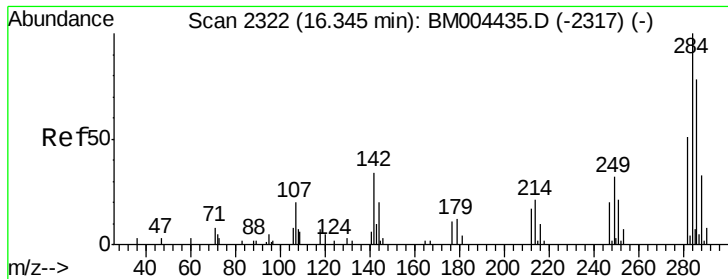
Tgt Ion:169 Resp: 84234  
 Ion Ratio Lower Upper  
 169 100  
 168 66.6 53.8 80.8  
 167 35.6 29.3 43.9



#66  
 4-Bromophenyl-phenylether  
 Concen: 20.52 ng/ul  
 RT: 16.22 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: BM004450.D  
 Acq: 27 Feb 2016 05:40

Tgt Ion:248 Resp: 29076  
 Ion Ratio Lower Upper  
 248 100  
 250 98.7 78.7 118.1  
 141 78.3 72.2 108.2





#67

Hexachlorobenzene

Concen: 20.39 ng/u1

RT: 16.34 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

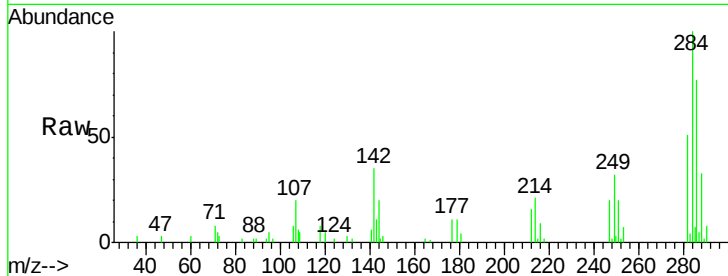
Tgt Ion:284 Resp: 32122

Ion Ratio Lower Upper

284 100

142 35.2 33.1 49.7

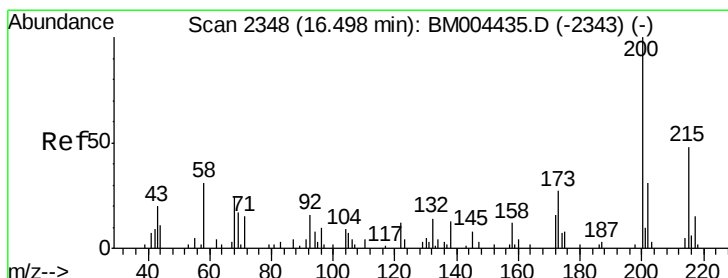
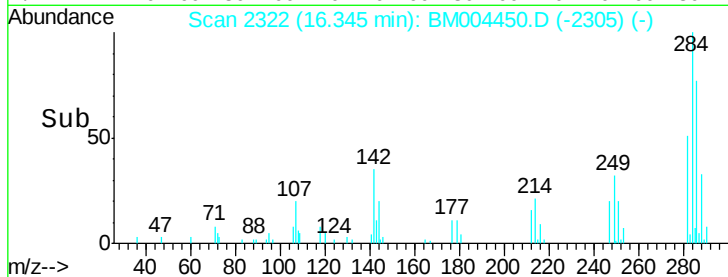
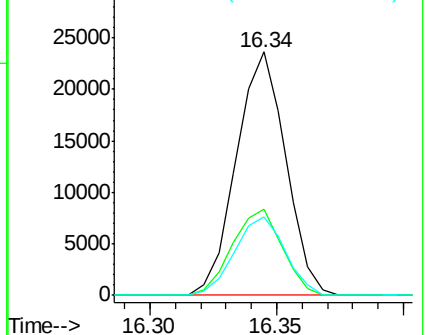
249 32.2 27.1 40.7



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



#68

Atrazine

Concen: 19.03 ng/u1

RT: 16.50 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

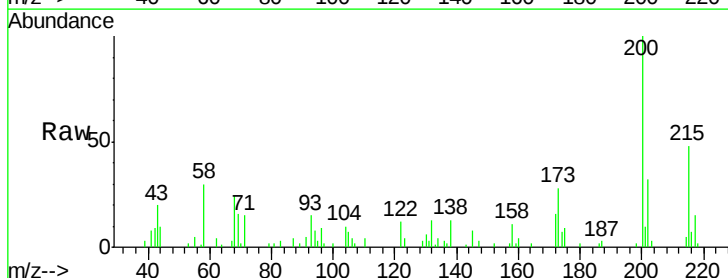
Tgt Ion:200 Resp: 29381

Ion Ratio Lower Upper

200 100

173 27.5 21.6 32.4

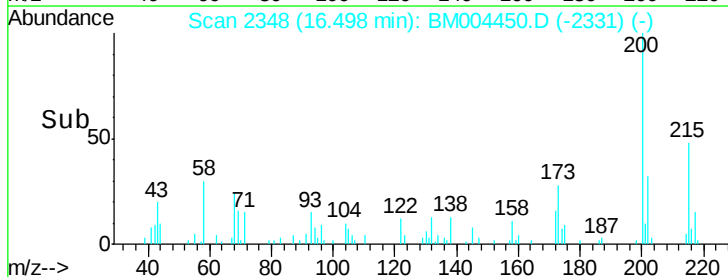
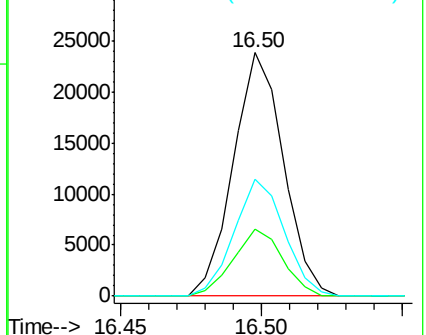
215 48.1 37.0 55.4

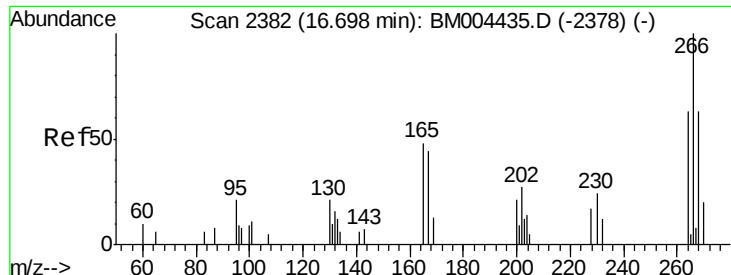


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 16.82 ng/ul

RT: 16.70 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

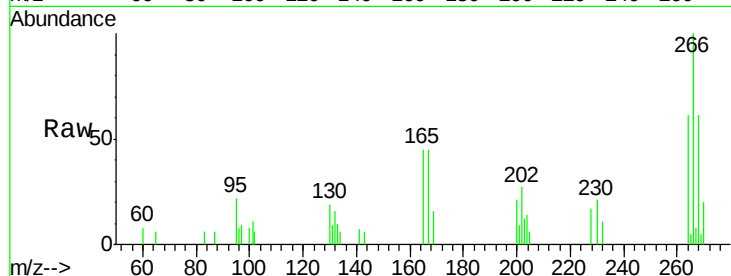
Tgt Ion:266 Resp: 10461

Ion Ratio Lower Upper

266 100

264 61.3 50.5 75.7

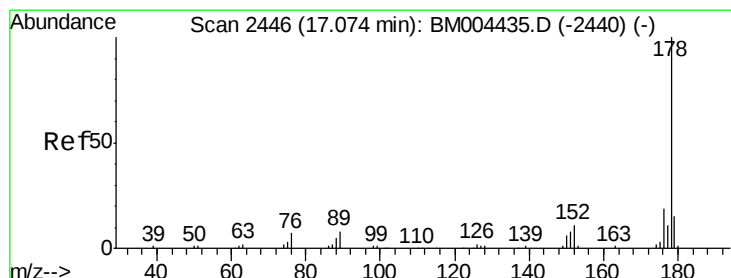
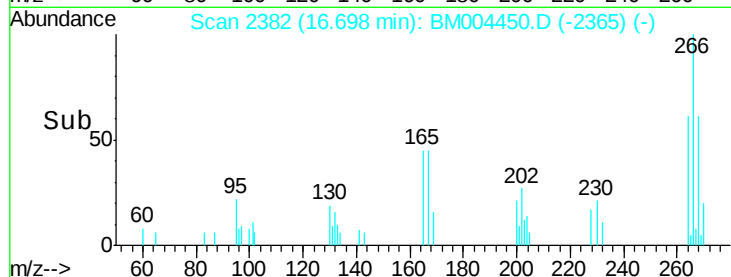
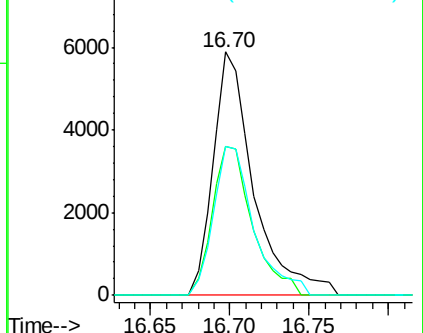
268 61.1 50.9 76.3



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: 19.43 ng/ul

RT: 17.07 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

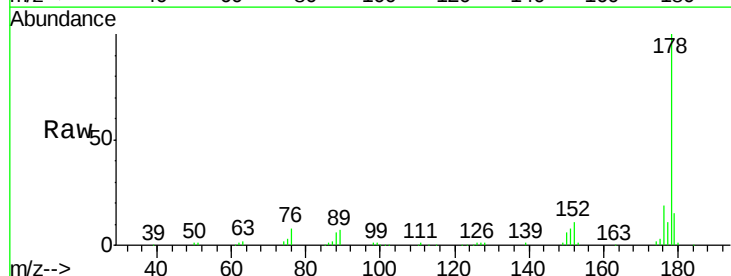
Tgt Ion:178 Resp: 151840

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

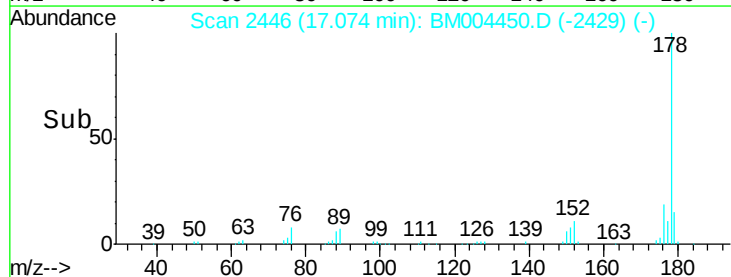
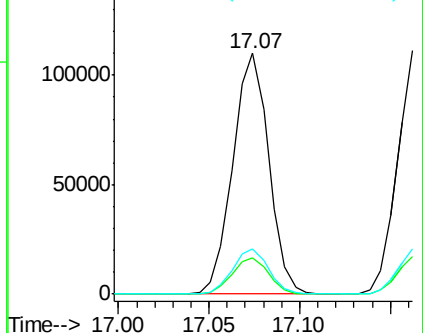
176 18.9 15.6 23.4

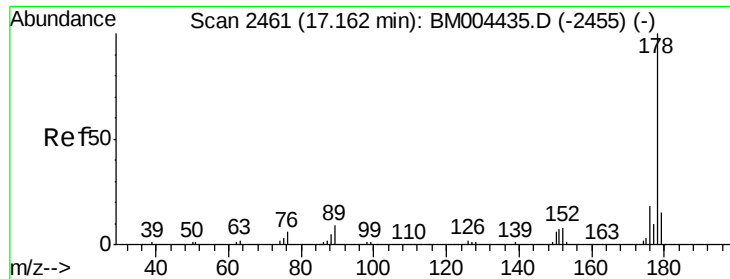


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 19.66 ng/uL

RT: 17.16 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleID :

SSTD02062

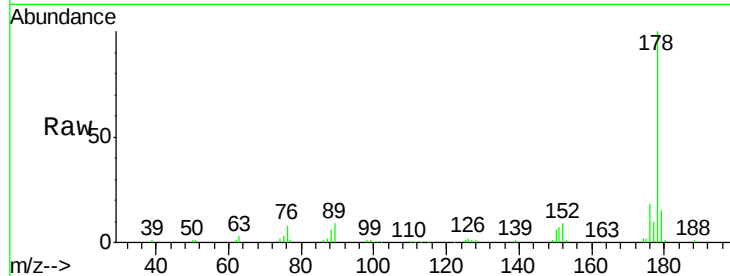
Tgt Ion:178 Resp: 156056

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

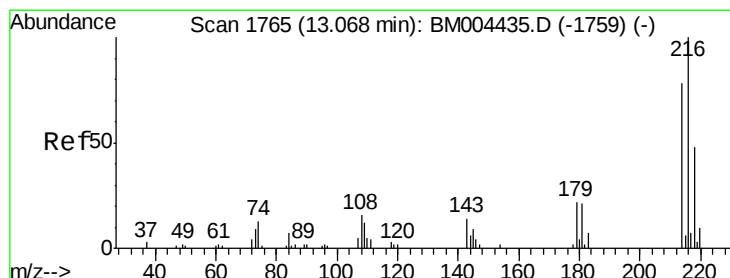
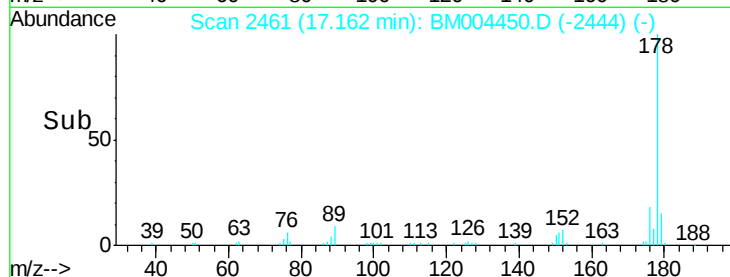
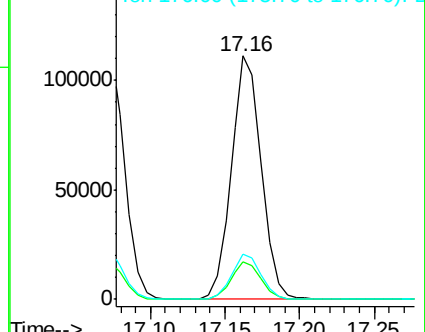
176 18.4 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 24.01 ng/uL

RT: 13.07 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

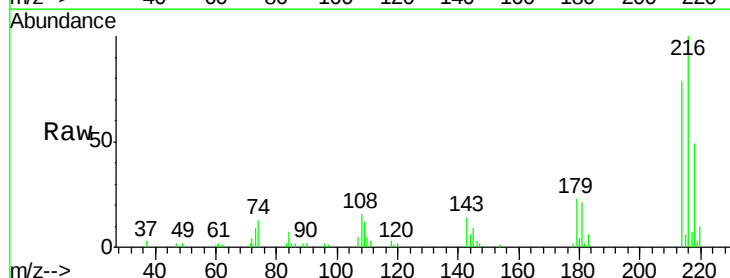
Tgt Ion:216 Resp: 41618

Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

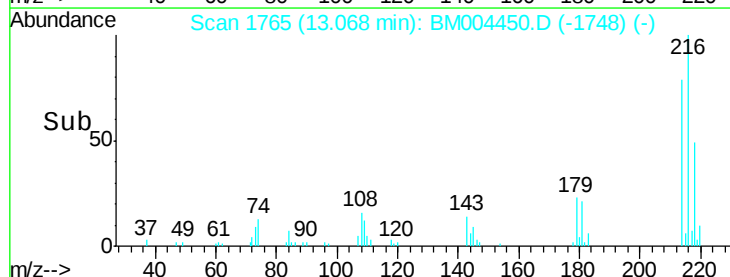
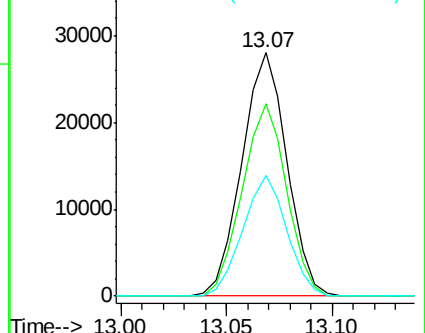
218 49.4 38.4 57.6

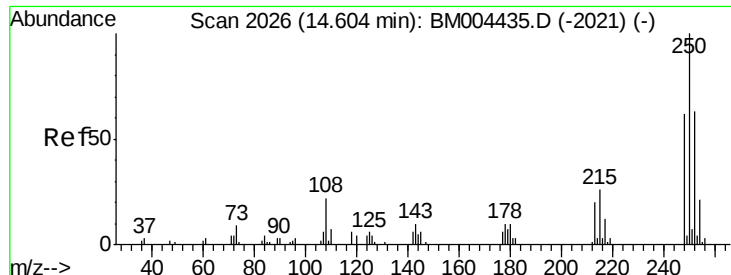


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 21.74 ng/uL

RT: 14.60 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

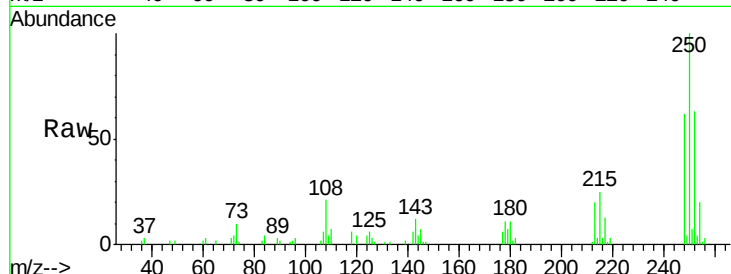
Tgt Ion:250 Resp: 38728

Ion Ratio Lower Upper

250 100

248 61.6 50.6 75.8

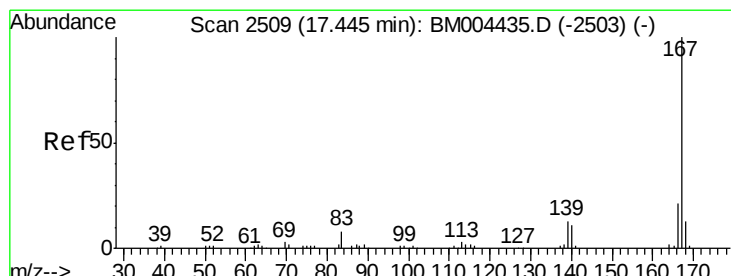
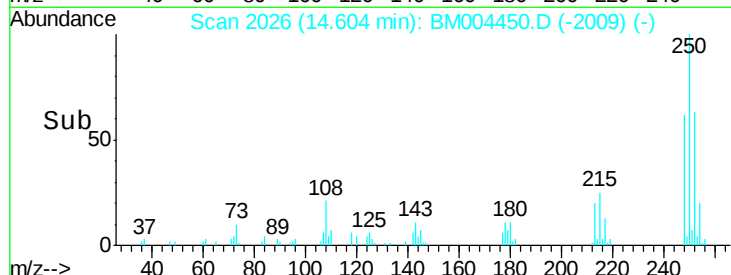
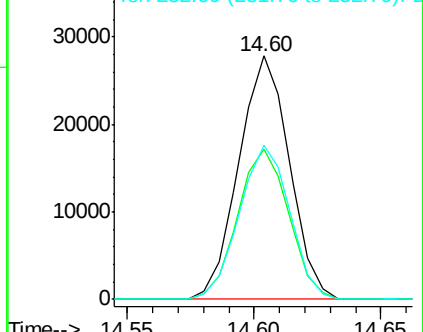
252 63.1 51.4 77.0



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: 19.41 ng/uL

RT: 17.44 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

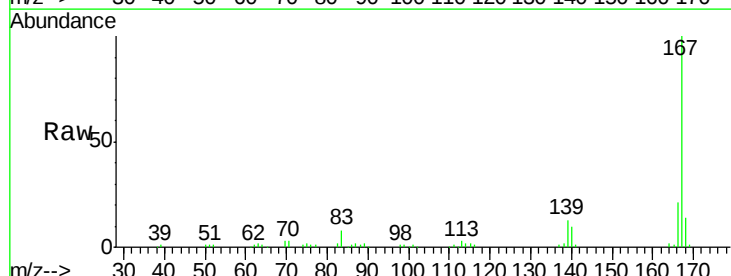
Tgt Ion:167 Resp: 134311

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

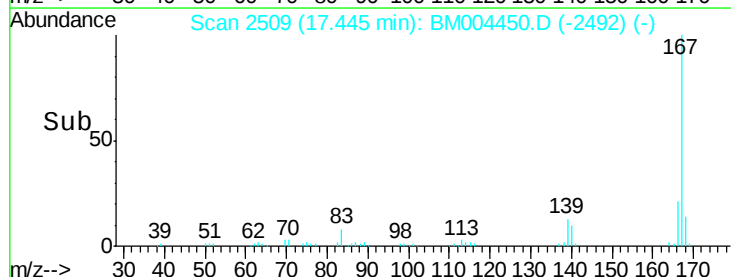
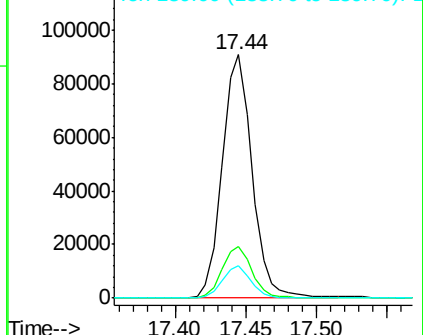
139 13.2 11.0 16.4

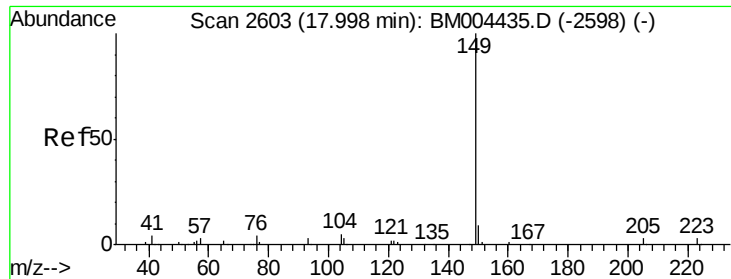


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

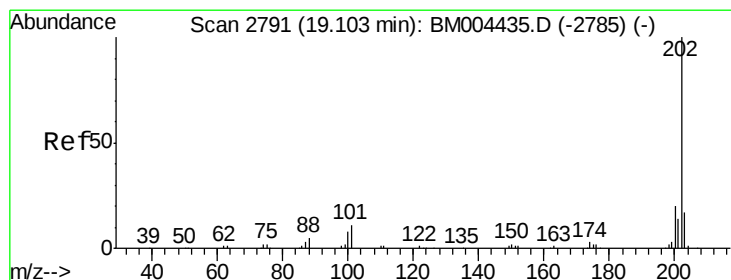
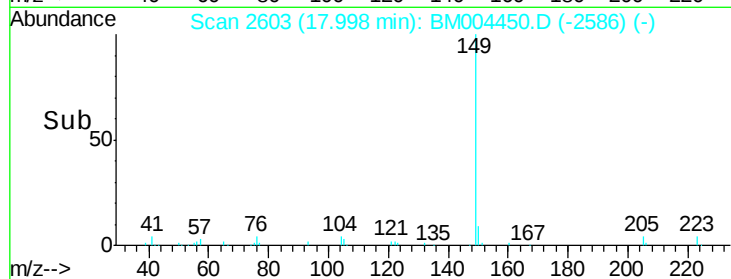
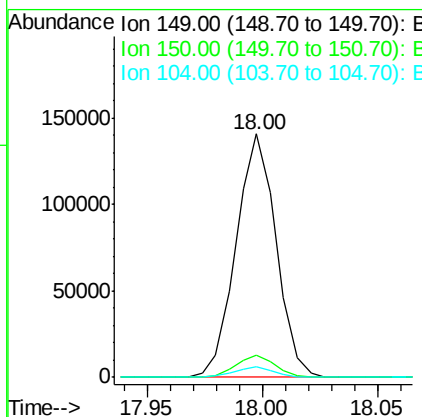
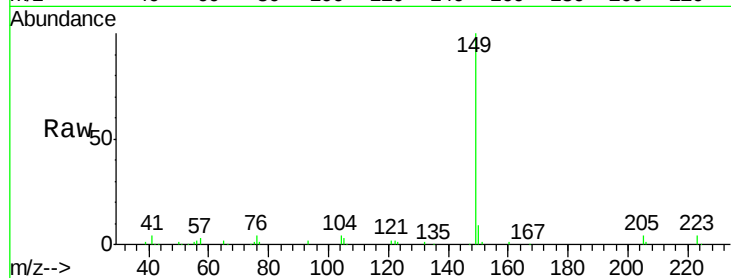




#76  
Di-n-butylphthalate  
Concen: 17.73 ng/ul  
RT: 18.00 min Scan# 2603  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

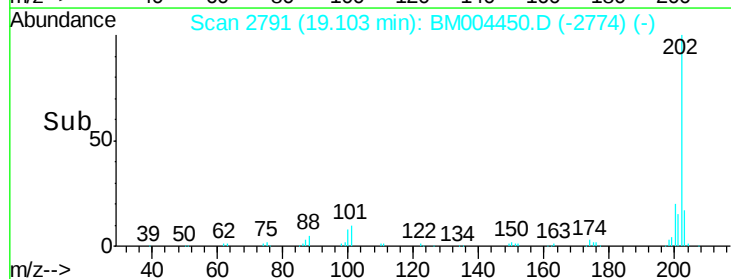
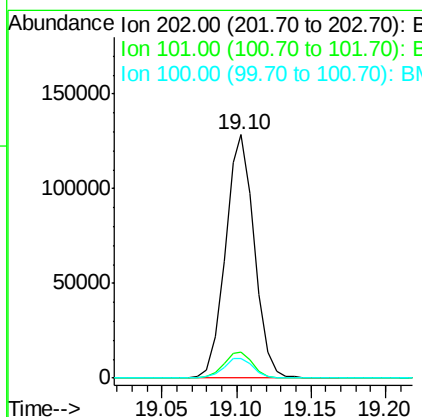
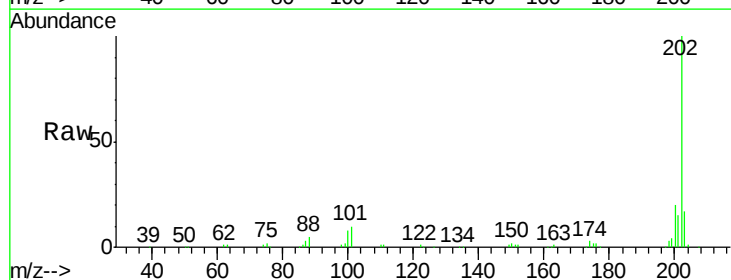
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

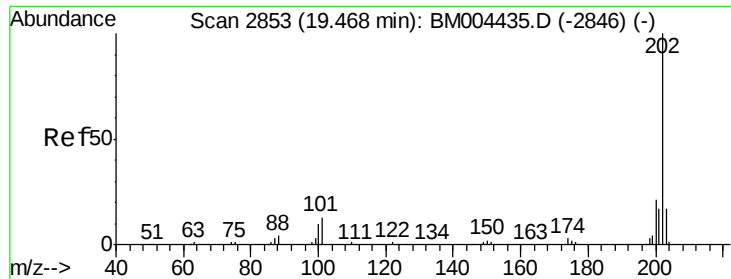
Tgt Ion:149 Resp: 170290  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.0  
104 4.5 4.0 6.0



#77  
Fluoranthene  
Concen: 19.67 ng/ul  
RT: 19.10 min Scan# 2791  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:202 Resp: 174157  
Ion Ratio Lower Upper  
202 100  
101 10.4 8.8 13.2  
100 7.9 6.6 9.8





#80

Pyrene

Concen: 19.57 ng/ul

RT: 19.47 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

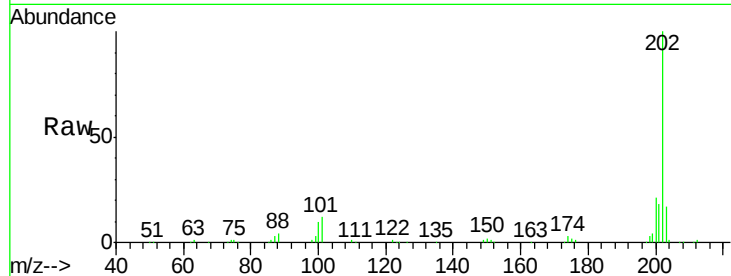
Tgt Ion: 202 Resp: 184120

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.2

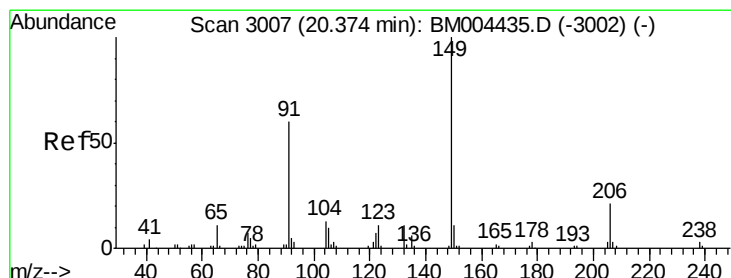
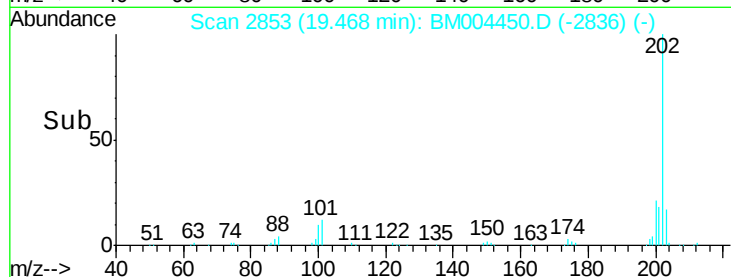
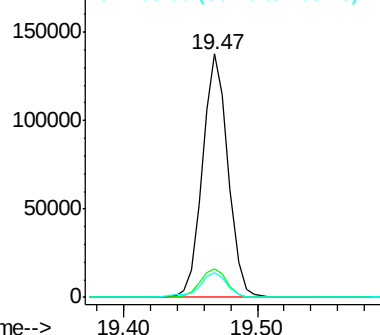
100 10.0 8.5 12.7



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: 19.12 ng/ul

RT: 20.37 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

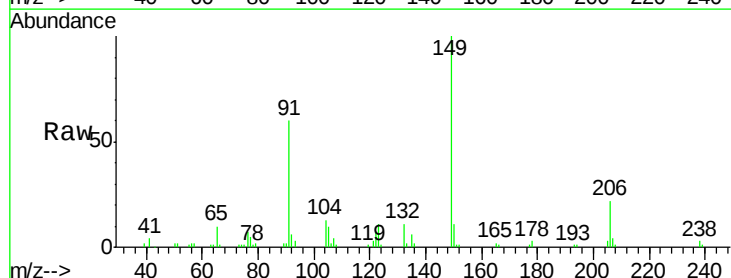
Tgt Ion: 149 Resp: 79151

Ion Ratio Lower Upper

149 100

91 60.0 53.4 80.2

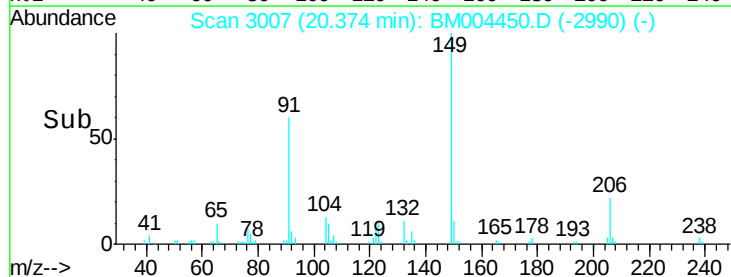
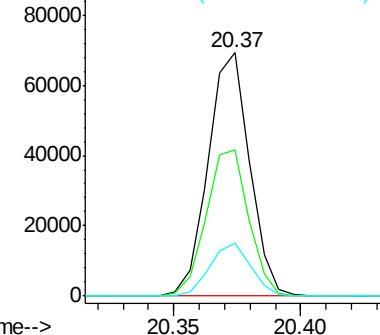
206 21.9 16.6 24.8

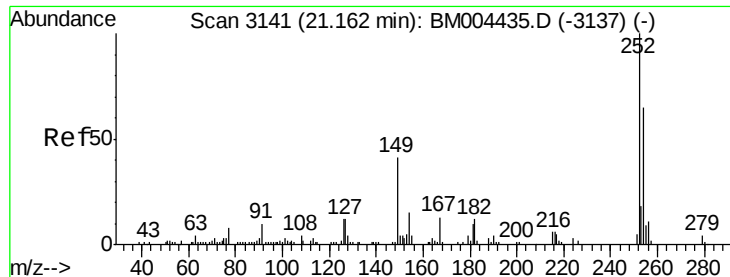


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 21.82 ng/ul

RT: 21.16 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

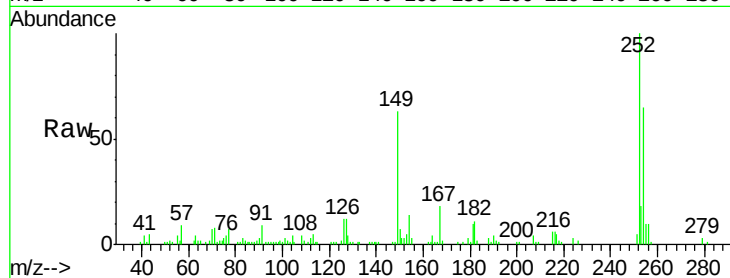
Tgt Ion:252 Resp: 63280

Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

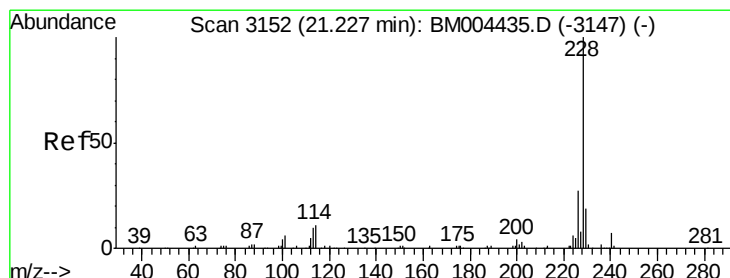
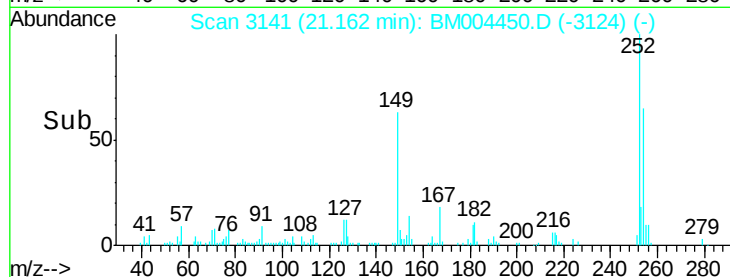
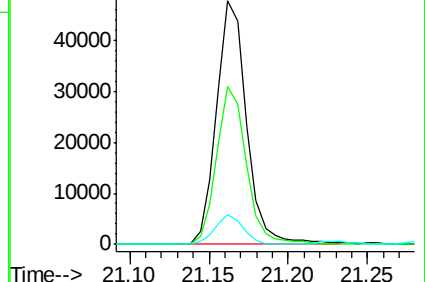
126 12.1 9.4 14.2



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: 19.55 ng/ul

RT: 21.23 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

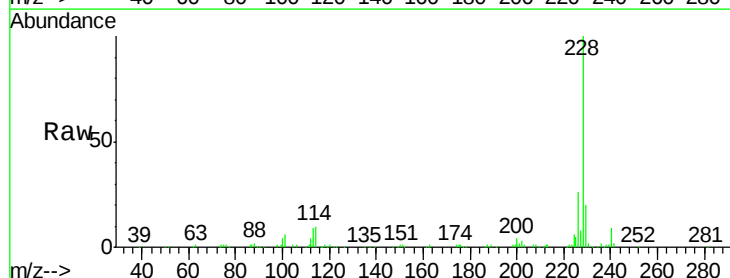
Tgt Ion:228 Resp: 180997

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

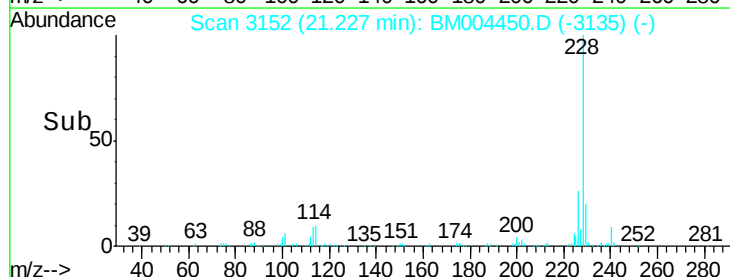
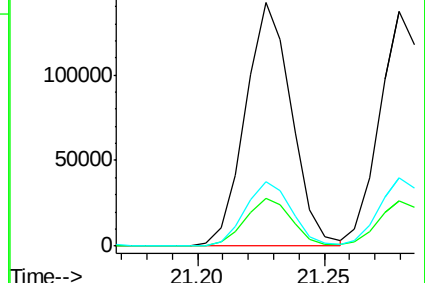
226 26.5 21.8 32.6

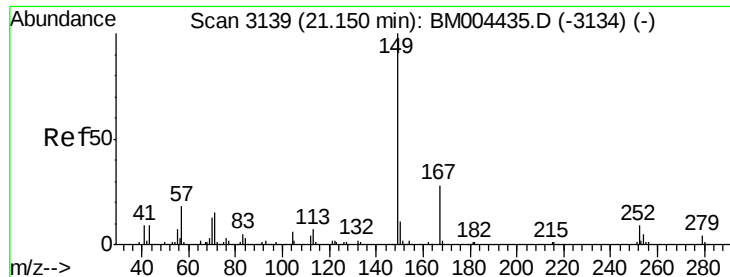


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

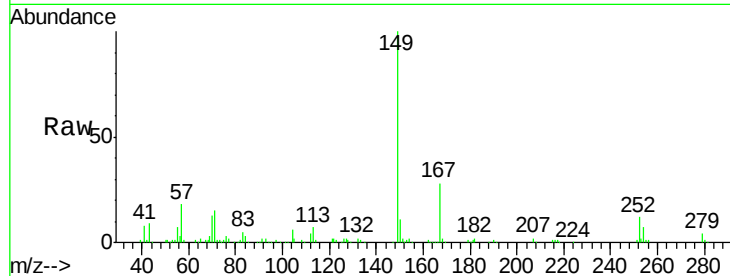




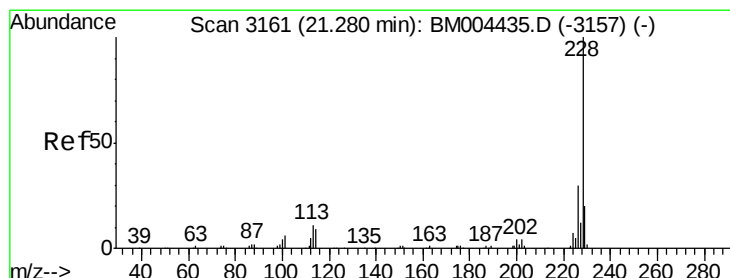
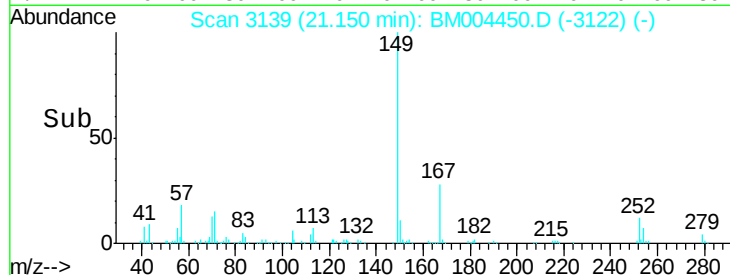
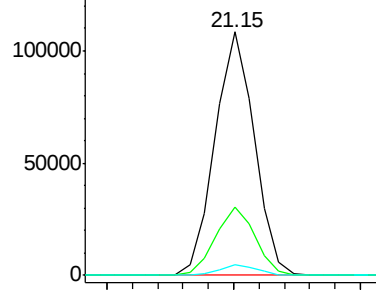
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.21 ng/ul  
RT: 21.15 min Scan# 3139  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

Tgt Ion:149 Resp: 117561  
Ion Ratio Lower Upper  
149 100  
167 28.2 21.6 32.4  
279 4.1 3.0 4.4

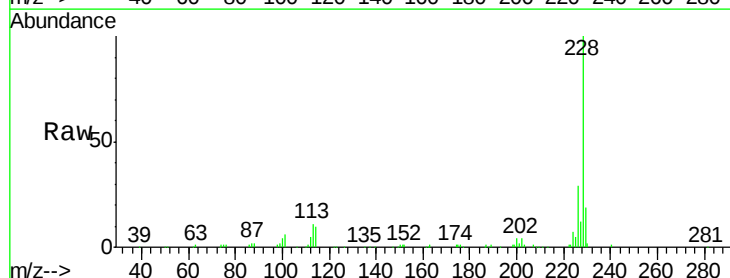


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

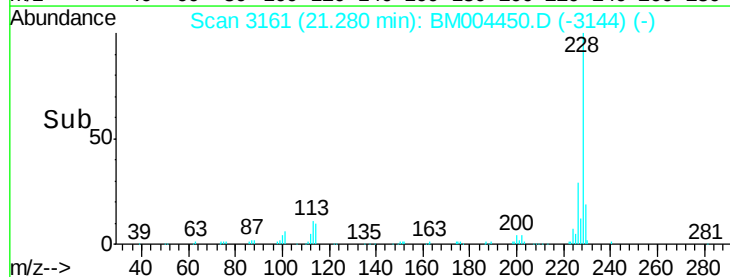
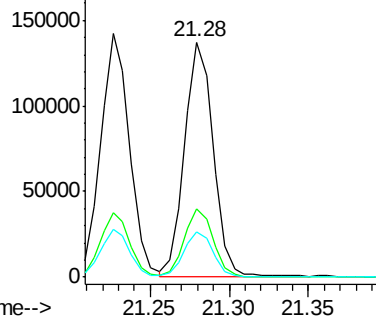


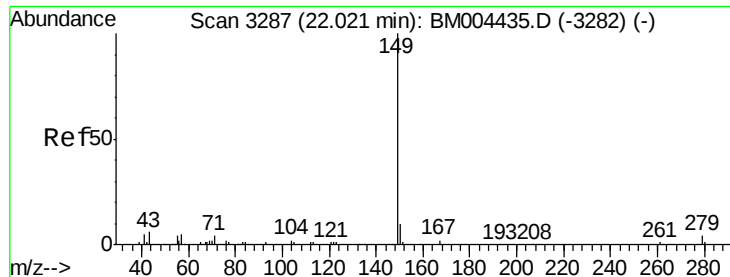
#85  
Chrysene  
Concen: 19.35 ng/ul  
RT: 21.28 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:228 Resp: 172313  
Ion Ratio Lower Upper  
228 100  
226 29.2 24.0 36.0  
229 19.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

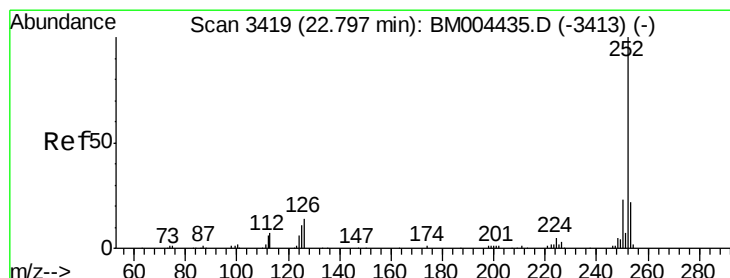
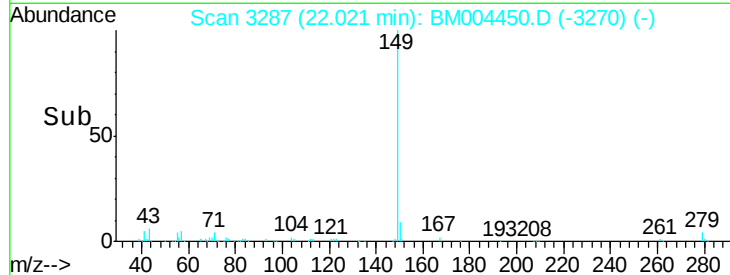
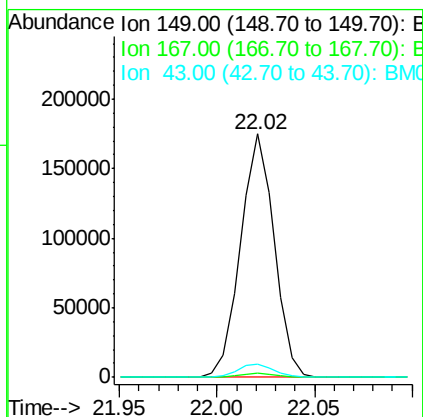
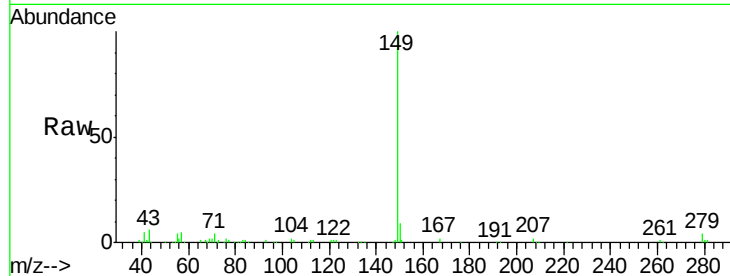




#87  
Di-n-octyl phthalate  
Concen: 17.49 ng/ul  
RT: 22.02 min Scan# 3287  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

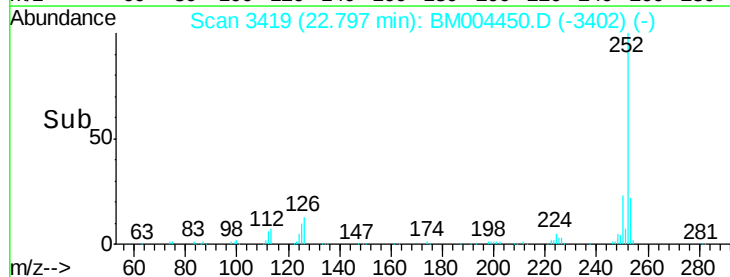
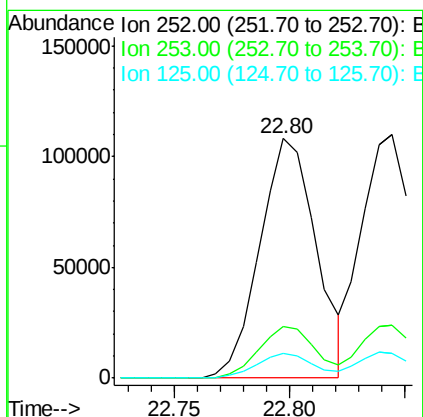
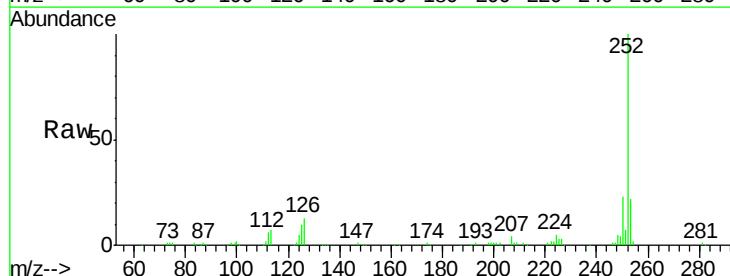
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02062

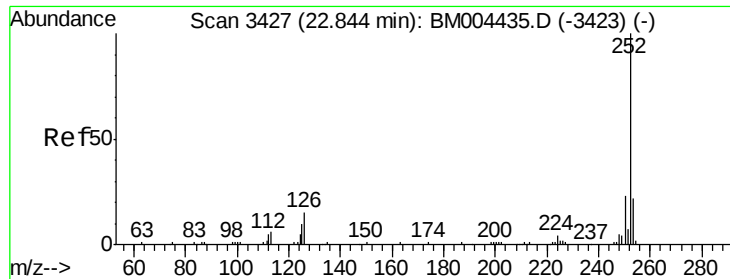
Tgt Ion:149 Resp: 209157  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 5.6 5.6 8.4#



#88  
Benzo(b)fluoranthene  
Concen: 18.74 ng/ul  
RT: 22.80 min Scan# 3419  
Delta R.T. -0.00 min  
Lab File: BM004450.D  
Acq: 27 Feb 2016 05:40

Tgt Ion:252 Resp: 184034  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 10.4 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 18.86 ng/ul

RT: 22.84 min Scan# 3427

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

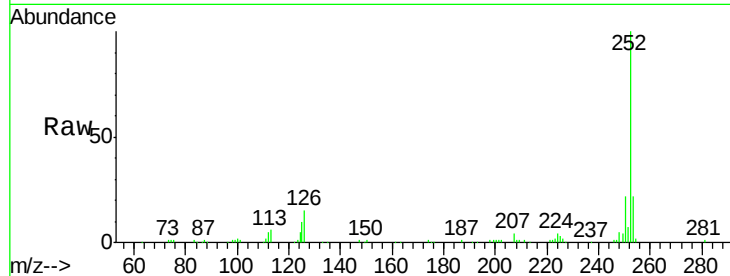
Tgt Ion:252 Resp: 174470

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

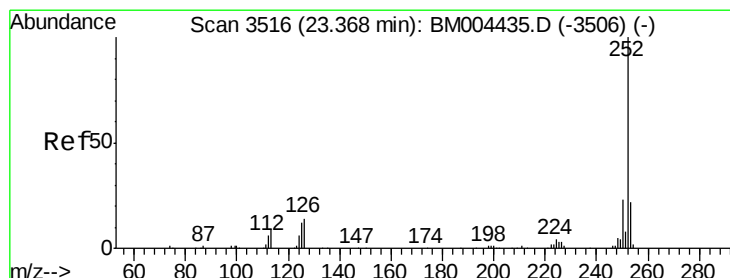
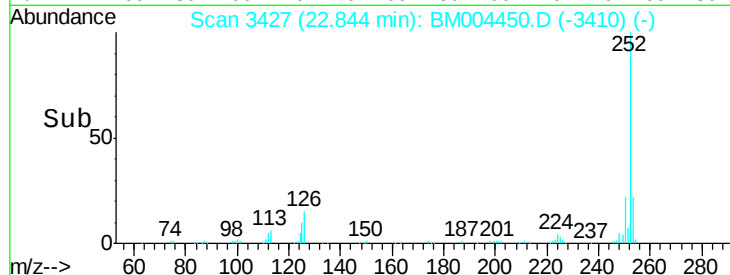
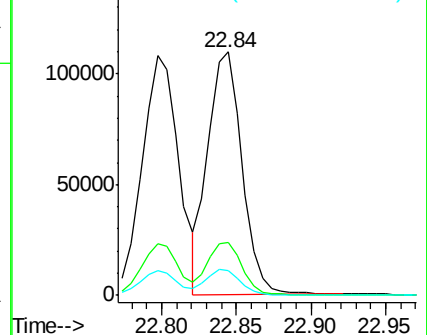
125 10.0 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 19.51 ng/ul

RT: 23.37 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

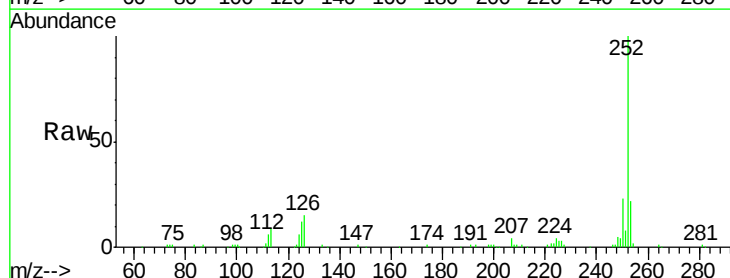
Tgt Ion:252 Resp: 178020

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

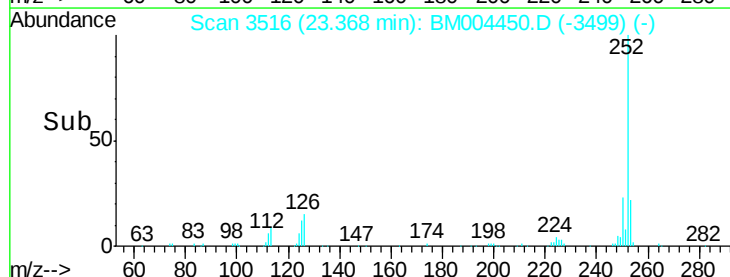
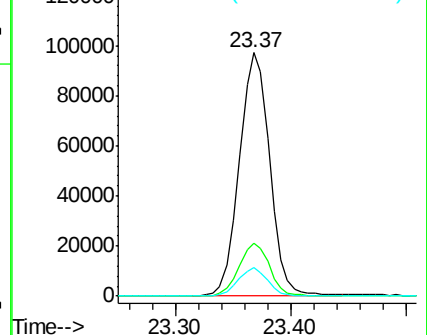
125 11.5 9.0 13.6

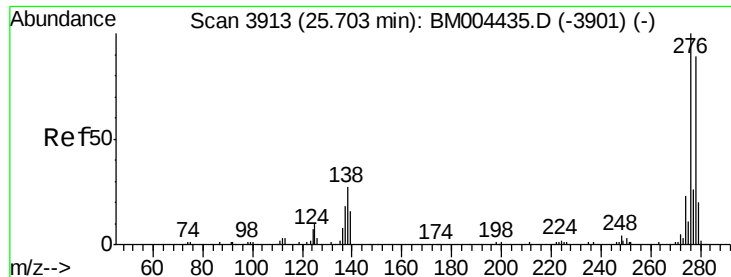


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.07 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

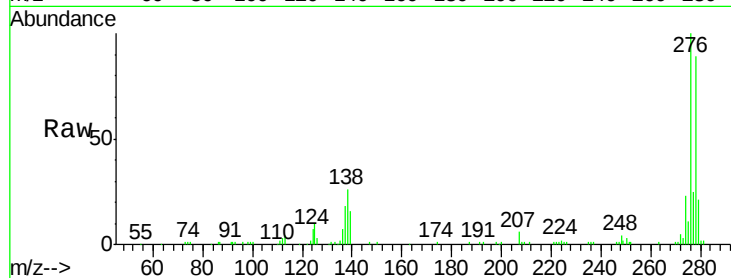
Tgt Ion: 276 Resp: 205359

Ion Ratio Lower Upper

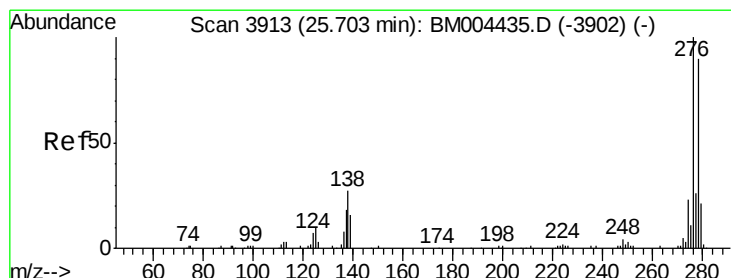
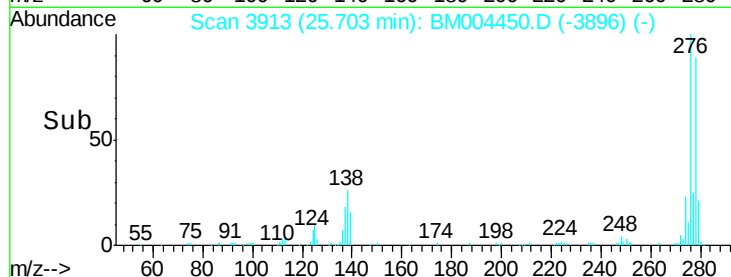
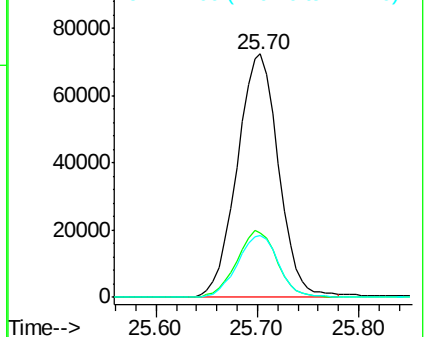
276 100

138 26.5 22.3 33.5

277 25.4 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 24.05 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

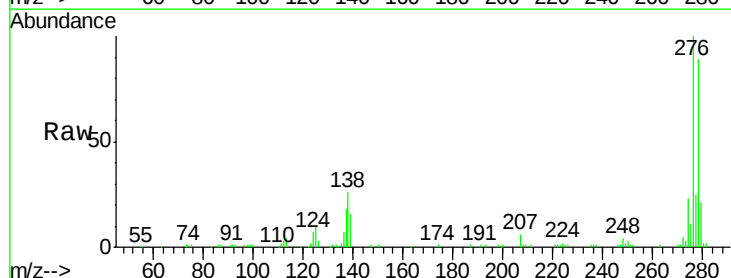
Tgt Ion: 278 Resp: 169327

Ion Ratio Lower Upper

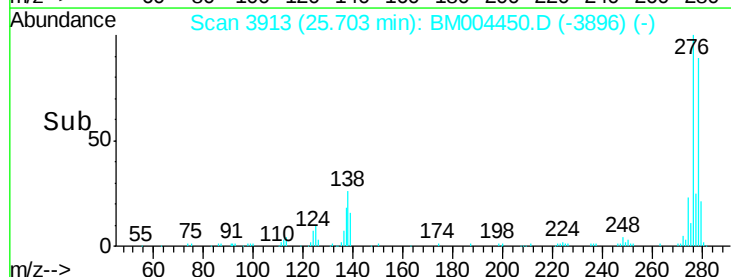
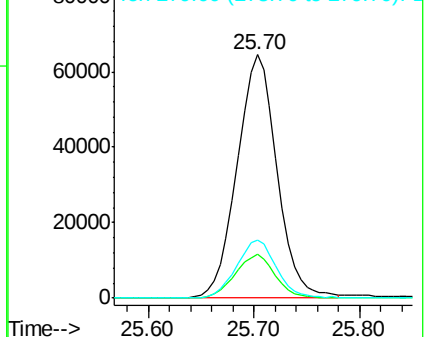
278 100

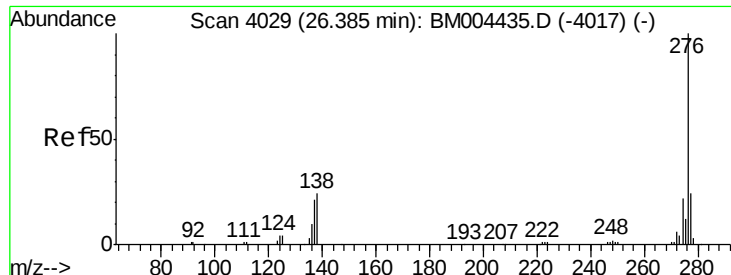
139 17.8 13.9 20.9

279 23.8 19.0 28.4



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





#94

Benzo(g,h,i)perylene

Concen: 24.94 ng/ul

RT: 26.39 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM004450.D

Acq: 27 Feb 2016 05:40

Instrument :

BNA\_G

ClientSampleId :

SSTD02062

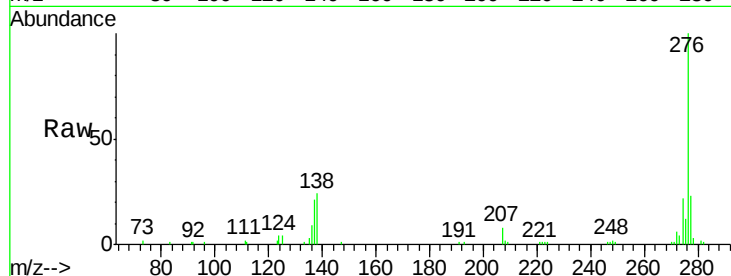
Tgt Ion: 276 Resp: 175005

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

277 23.3 19.2 28.8



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

