

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM013118\  
 Data File : BM014029.D  
 Acq On : 31 Jan 2018 12:05  
 Operator : SJ/JU  
 Sample : SSTD01014  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

Quant Time: Jan 31 13:52:58 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 31 13:46:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 84045    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 365416   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 259575   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 621135   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.18 | 240  | 699031   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.36 | 264  | 642856   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 8632   | 4.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 60435  | 9.37  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 37741  | 9.65  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 48872  | 9.30  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 49605  | 10.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 26075  | 9.20  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 27256  | 9.10  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 59815  | 10.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 44557  | 8.87  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 215295 | 10.06 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 252836 | 9.27  | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 17593  | 5.06  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.22 | 176 | 181682 | 9.66  | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 29613  | 7.92  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 298917 | 9.88  | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.38 | 212 | 335543 | 10.31 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.22 | 264 | 315270 | 10.67 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |               | Qvalue |
|--------------------------------|-------|-----|--------|---------------|--------|
| 2) 1,4-Dioxane                 | 3.16  | 88  | 8404   | 3.608 ng/uL#  | 59     |
| 4) Benzaldehyde                | 6.73  | 77  | 24889  | 5.574 ng/ul   | 93     |
| 6) Phenol                      | 6.78  | 94  | 59782  | 9.238 ng/ul   | 92     |
| 8) Bis(2-Chloroethyl)ether     | 7.00  | 93  | 47804  | 9.440 ng/ul   | 97     |
| 10) 2-Chlorophenol             | 7.13  | 128 | 49759  | 9.496 ng/ul   | 93     |
| 11) 2-Methylphenol             | 8.02  | 108 | 44495  | 9.327 ng/ul   | 93     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 50112  | 9.726 ng/ul#  | 59     |
| 14) Acetophenone               | 8.39  | 105 | 89263  | 10.875 ng/ul# | 91     |
| 15) N-Nitroso-di-n-propylamine | 8.37  | 70  | 45282  | 11.308 ng/ul# | 78     |
| 16) 4-Methylphenol             | 8.35  | 108 | 47406  | 9.294 ng/ul   | 100    |
| 17) Hexachloroethane           | 8.62  | 117 | 27237  | 10.679 ng/ul# | 66     |
| 20) Nitrobenzene               | 8.76  | 77  | 76019  | 10.378 ng/ul  | 95     |
| 21) Isophorone                 | 9.28  | 82  | 128029 | 10.818 ng/ul  | 96     |
| 23) 2-Nitrophenol              | 9.47  | 139 | 28351  | 9.080 ng/ul   | 93     |
| 24) 2,4-Dimethylphenol         | 9.53  | 107 | 65150  | 9.897 ng/ul   | 94     |
| 25) Bis(2-Chloroethoxy)methane | 9.77  | 93  | 69695  | 9.660 ng/ul   | 99     |
| 27) 2,4-Dichlorophenol         | 10.00 | 162 | 53337  | 9.562 ng/ul#  | 86     |
| 28) Naphthalene                | 10.38 | 128 | 181586 | 9.989 ng/ul   | 97     |
| 30) 4-Chloroaniline            | 10.52 | 127 | 38249  | 7.681 ng/ul   | 92     |
| 31) Hexachlorobutadiene        | 10.66 | 225 | 50934  | 11.124 ng/ul  | 94     |
| 32) Caprolactam                | 11.30 | 113 | 14368  | 9.259 ng/ul#  | 33     |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 60081  | 10.625 ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.01 | 142 | 133814 | 9.873 ng/ul   | 97     |

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 Sample : SSTD01014  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

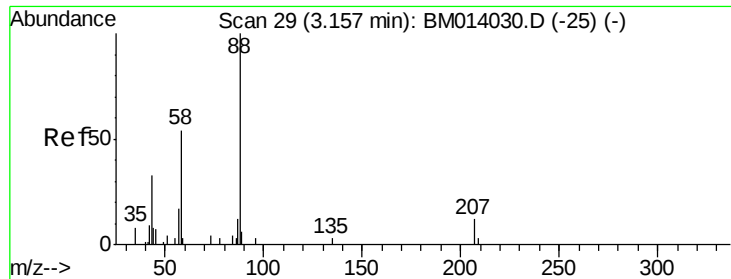
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

Quant Time: Jan 31 13:52:58 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 31 13:46:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216  | 89810    | 9.338  | ng/ul# | 98       |
| 37) Hexachlorocyclopentadiene  | 12.35 | 237  | 35262    | 8.831  | ng/ul# | 94       |
| 38) 2,4,6-Trichlorophenol      | 12.65 | 196  | 50647    | 9.097  | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.73 | 196  | 51549    | 8.898  | ng/ul  | 96       |
| 40) 1,1'-Biphenyl              | 13.04 | 154  | 191686   | 8.872  | ng/ul  | 96       |
| 41) 2-Chloronaphthalene        | 13.08 | 162  | 158250   | 9.369  | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.32 | 65   | 41472    | 8.901  | ng/ul  | 95       |
| 44) Dimethylphthalate          | 13.69 | 163  | 210252   | 9.996  | ng/ul  | 97       |
| 45) 2,6-Dinitrotoluene         | 13.82 | 165  | 39429    | 9.673  | ng/ul# | 78       |
| 47) Acenaphthylene             | 13.93 | 152  | 234650   | 9.401  | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.16 | 138  | 23662    | 7.381  | ng/ul  | 88       |
| 49) Acenaphthene               | 14.28 | 153  | 168195   | 9.729  | ng/ul  | 100      |
| 50) 2,4-Dinitrophenol          | 14.38 | 184  | 7480     | 3.201  | ng/ul# | 84       |
| 52) 4-Nitrophenol              | 14.48 | 109  | 25415    | 7.196  | ng/ul# | 65       |
| 53) Dibenzofuran               | 14.62 | 168  | 250153   | 9.619  | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.62 | 165  | 58974    | 9.925  | ng/ul# | 64       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 54969    | 10.088 | ng/ul  | 94       |
| 56) Diethylphthalate           | 15.06 | 149  | 209802   | 9.911  | ng/ul  | 96       |
| 58) Fluorene                   | 15.27 | 166  | 214428   | 10.065 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204  | 123772   | 10.752 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.33 | 138  | 26016    | 6.936  | ng/ul# | 61       |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 198  | 30744    | 7.790  | ng/ul# | 98       |
| 64) N-Nitrosodiphenylamine     | 15.49 | 169  | 176293   | 9.650  | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.17 | 248  | 79528    | 10.840 | ng/ul  | 89       |
| 66) Hexachlorobenzene          | 16.27 | 284  | 82477    | 10.444 | ng/ul# | 92       |
| 67) Atrazine                   | 16.45 | 200  | 67871    | 9.309  | ng/ul  | 99       |
| 68) Pentachlorophenol          | 16.64 | 266  | 35344    | 8.423  | ng/ul  | 92       |
| 69) Phenanthrene               | 17.02 | 178  | 352926   | 10.222 | ng/ul  | 98       |
| 71) Anthracene                 | 17.11 | 178  | 351394   | 9.867  | ng/ul  | 99       |
| 72) Carbazole                  | 17.39 | 167  | 266334   | 9.060  | ng/ul  | 97       |
| 73) Di-n-butylphthalate        | 17.95 | 149  | 354078   | 10.241 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.04 | 202  | 413345   | 10.029 | ng/ul# | 96       |
| 77) Pyrene                     | 19.41 | 202  | 407046   | 9.578  | ng/ul# | 97       |
| 78) Butylbenzylphthalate       | 20.32 | 149  | 160785   | 10.741 | ng/ul  | 97       |
| 79) 3,3'-Dichlorobenzidine     | 21.11 | 252  | 71411    | 6.175  | ng/ul# | 96       |
| 80) Benzo(a)anthracene         | 21.16 | 228  | 427236   | 10.115 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 229302   | 10.210 | ng/ul# | 96       |
| 82) Chrysene                   | 21.22 | 228  | 411817   | 10.628 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 21.96 | 149  | 377590   | 9.746  | ng/ul# | 95       |
| 85) Benzo(b)fluoranthene       | 22.71 | 252  | 401825   | 10.178 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 22.76 | 252  | 398286   | 10.437 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 23.27 | 252  | 380349   | 10.198 | ng/ul  | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.54 | 276  | 399618   | 9.077  | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.55 | 278  | 343180   | 9.231  | ng/ul# | 98       |
| 91) Benzo(g,h,i)perylene       | 26.20 | 276  | 329277   | 9.088  | ng/ul  | 97       |

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





#2

1,4-Dioxane

Concen: 3.608 ng/uL

RT: 3.16 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

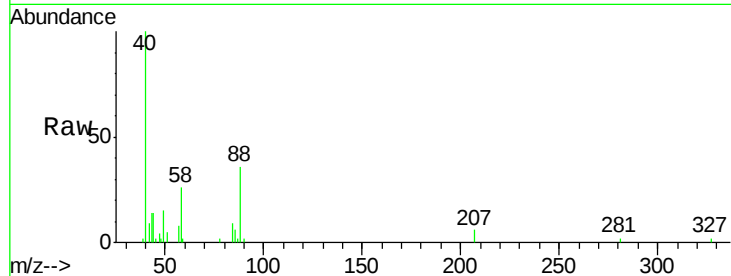
Tgt Ion: 88 Resp: 8404

Ion Ratio Lower Upper

88 100

43 31.9 48.0 72.0#

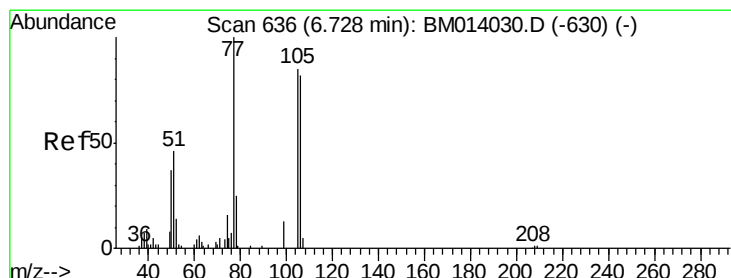
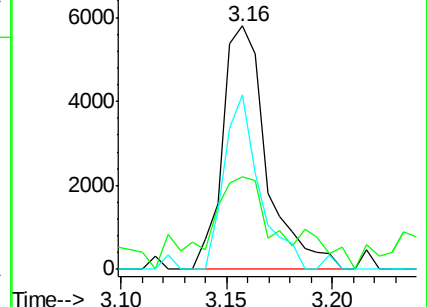
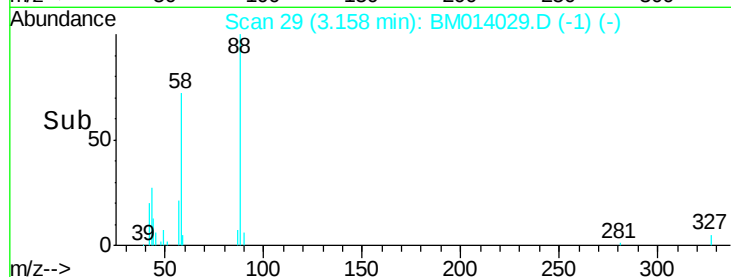
58 57.3 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014029.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM014029.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM014029.D (-1) (-)



#4

Benzaldehyde

Concen: 5.574 ng/uL

RT: 6.73 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

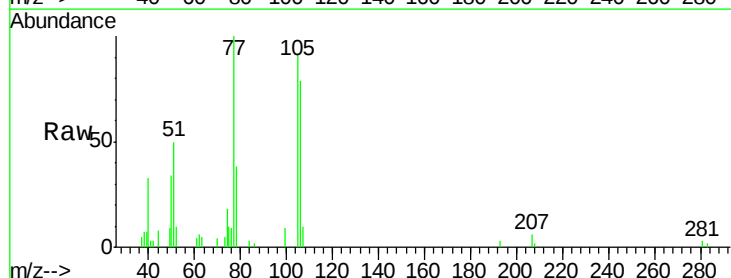
Tgt Ion: 77 Resp: 24889

Ion Ratio Lower Upper

77 100

105 90.8 66.1 99.1

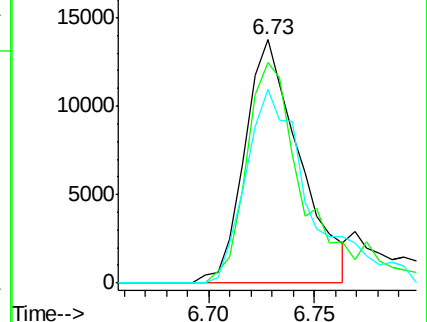
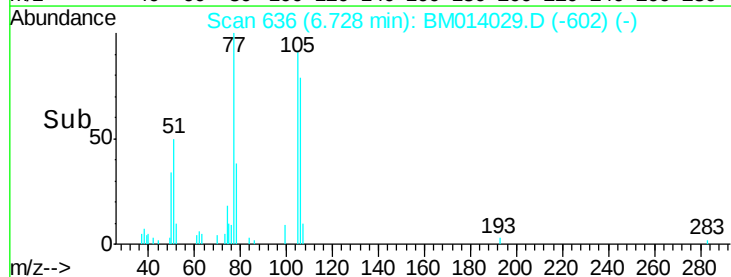
106 79.5 67.8 101.6

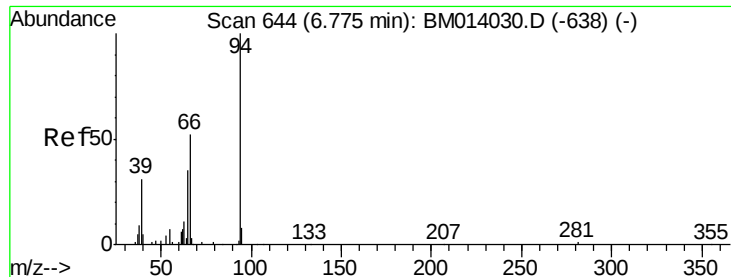


Abundance Ion 77.00 (76.70 to 77.70): BM014029.D (-602) (-)

Ion 105.00 (104.70 to 105.70): BM014029.D (-602) (-)

Ion 106.00 (105.70 to 106.70): BM014029.D (-602) (-)





#6

Phenol

Concen: 9.238 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

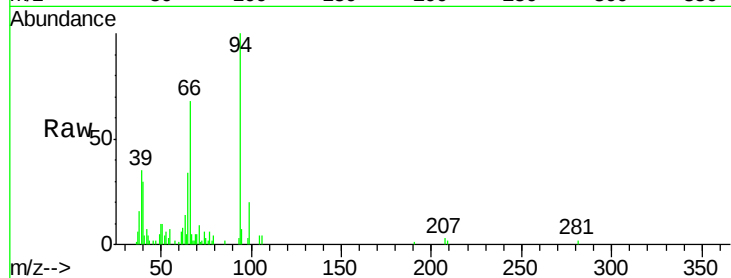
Tgt Ion: 94 Resp: 59782

Ion Ratio Lower Upper

94 100

65 34.0 28.2 42.4

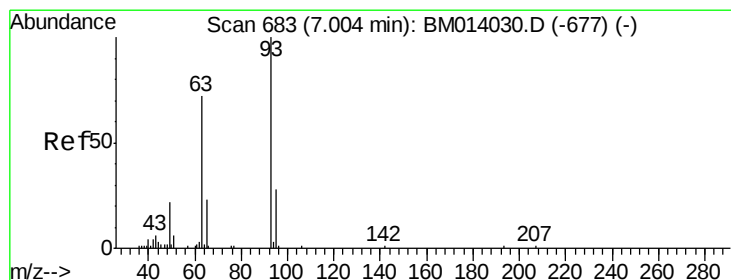
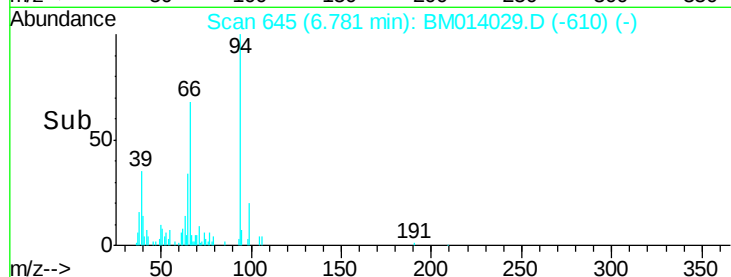
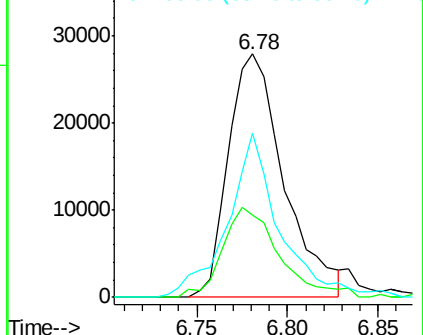
66 67.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014030.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM014030.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM014030.D (-638) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 9.440 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

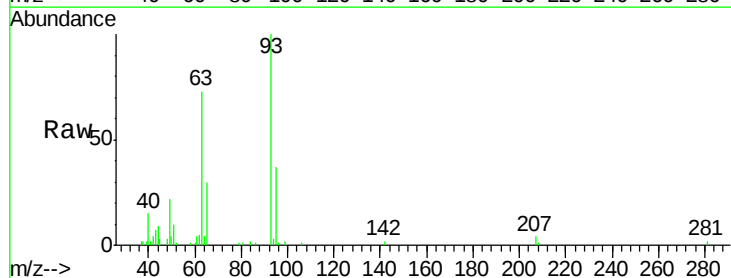
Tgt Ion: 93 Resp: 47804

Ion Ratio Lower Upper

93 100

63 72.8 57.3 85.9

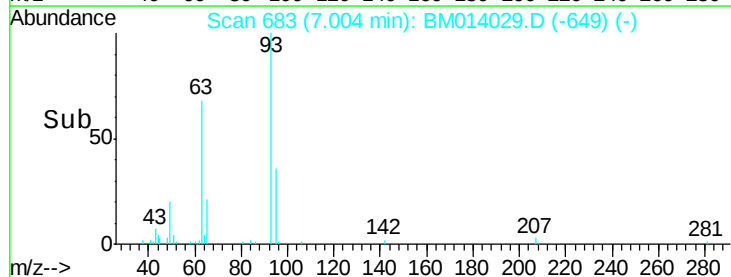
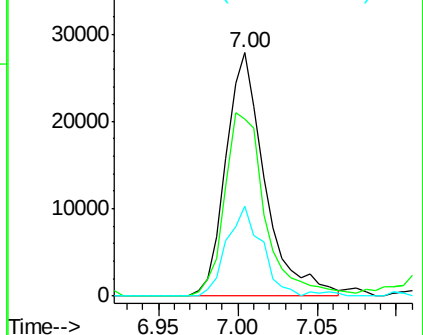
95 36.9 26.6 39.8

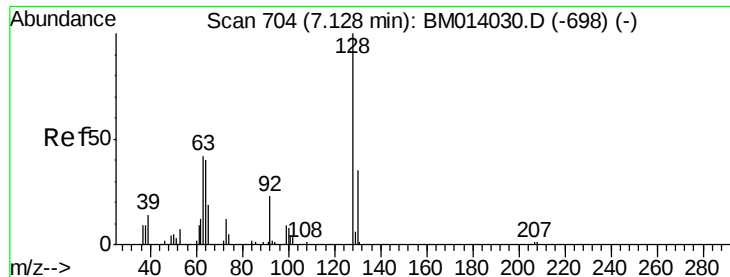


Abundance Ion 93.00 (92.70 to 93.70): BM014030.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM014030.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM014030.D (-677) (-)

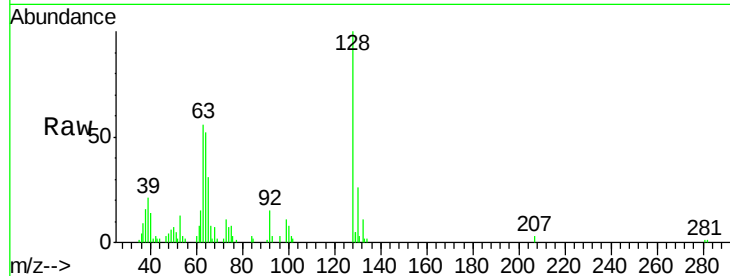




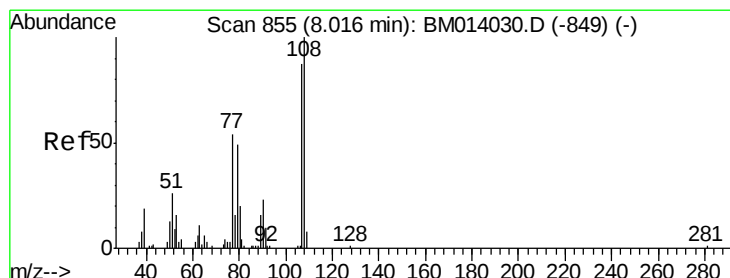
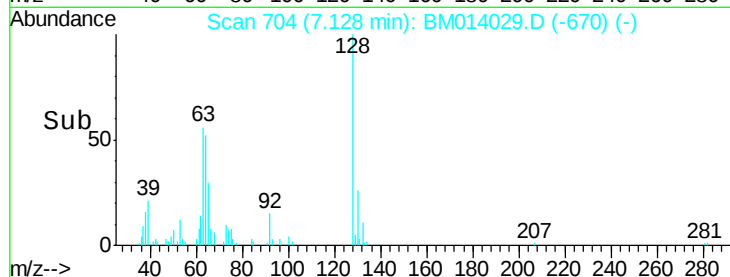
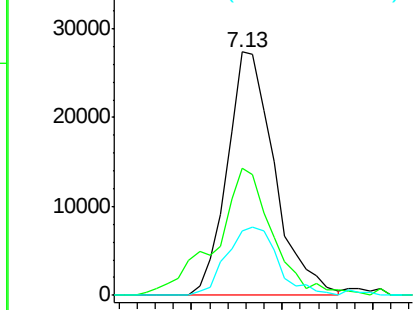
#10  
2-Chlorophenol  
Concen: 9.496 ng/ul  
RT: 7.13 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

Tgt Ion:128 Resp: 49759  
Ion Ratio Lower Upper  
128 100  
64 52.4 38.0 57.0  
130 26.4 24.4 36.6

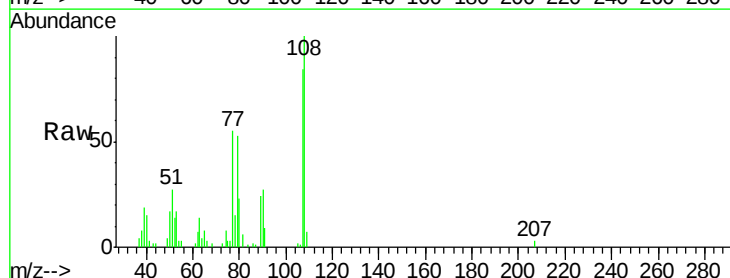


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

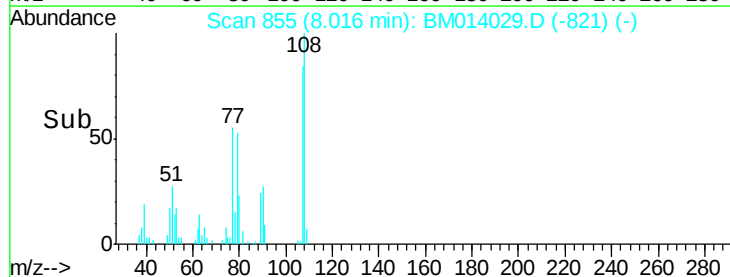
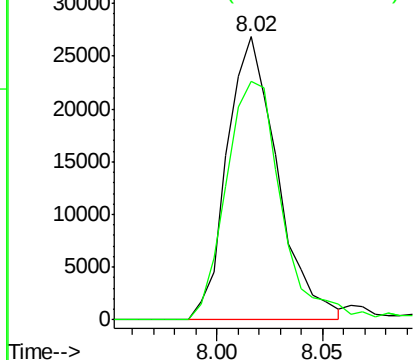


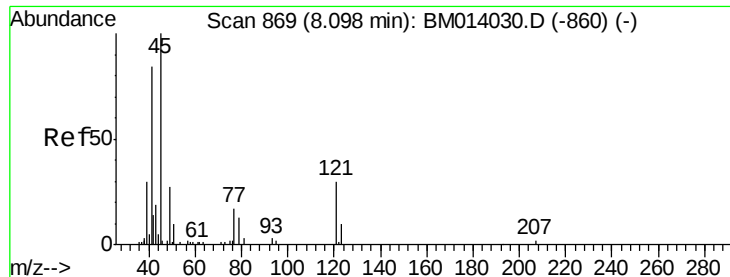
#11  
2-Methylphenol  
Concen: 9.327 ng/ul  
RT: 8.02 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Tgt Ion:108 Resp: 44495  
Ion Ratio Lower Upper  
108 100  
107 84.5 72.6 108.8



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

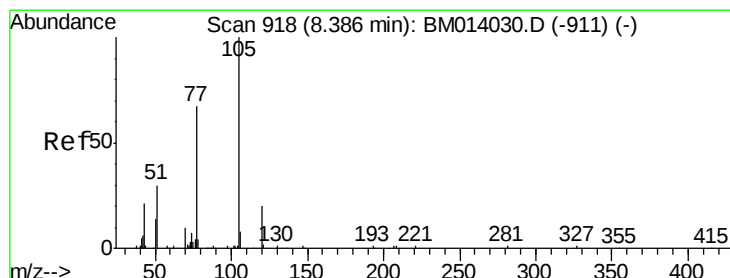
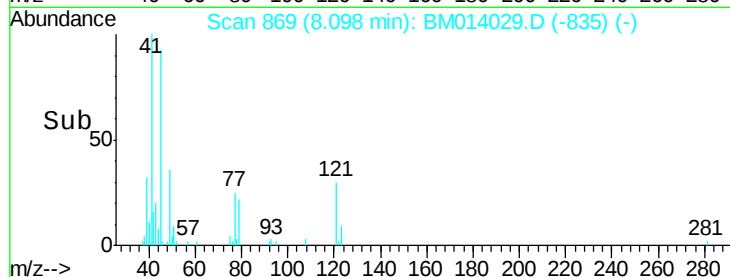
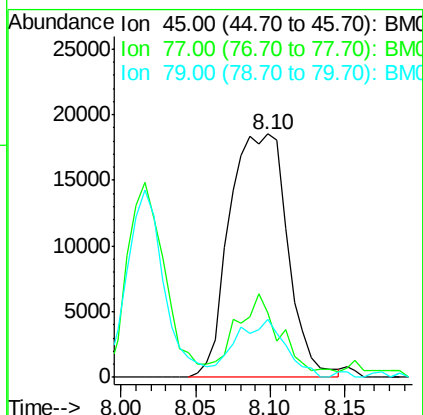
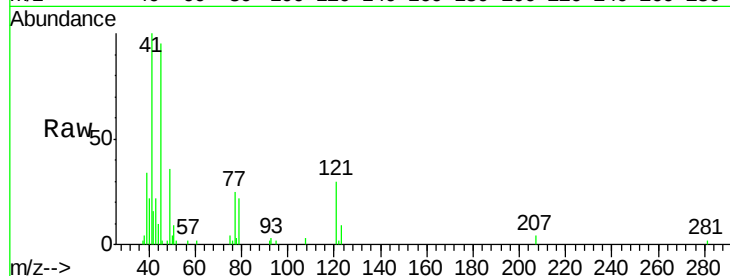




#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 9.726 ng/ul  
 RT: 8.10 min Scan# 869  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

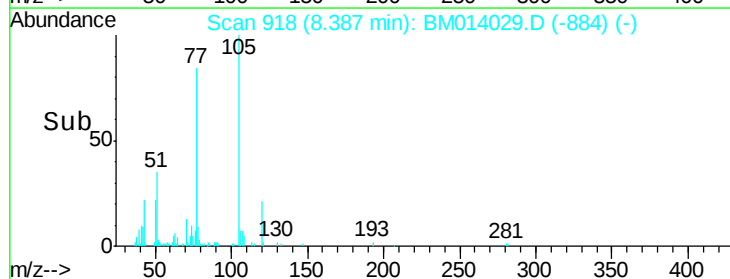
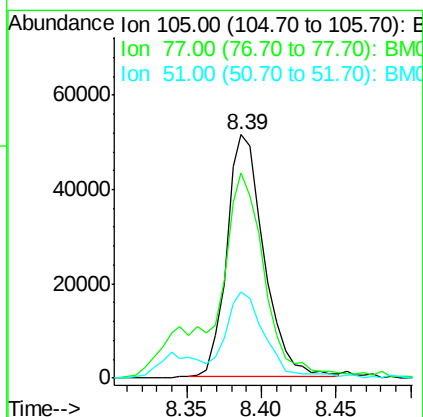
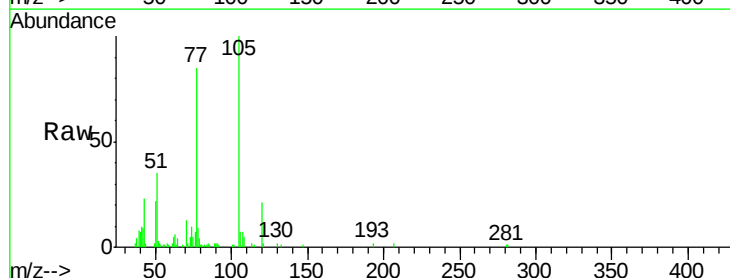
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST01014

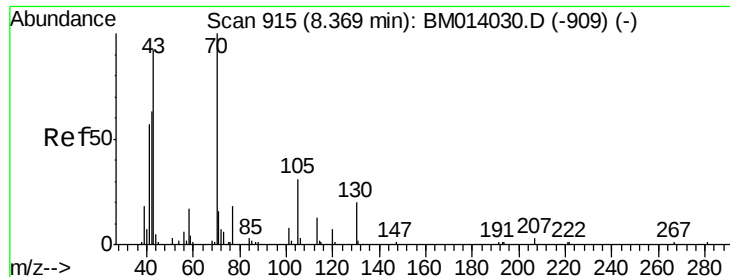
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 26.4  | 8.0   | 12.0# |
| 79      | 23.6  | 8.0   | 12.0# |



#14  
 Acetophenone  
 Concen: 10.875 ng/ul  
 RT: 8.39 min Scan# 918  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 84.5  | 74.2  | 111.4 |
| 51      | 35.4  | 23.4  | 35.2# |





#15

N-Nitroso-di-n-propylamine

Concen: 11.308 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

Tgt Ion: 70 Resp: 45282

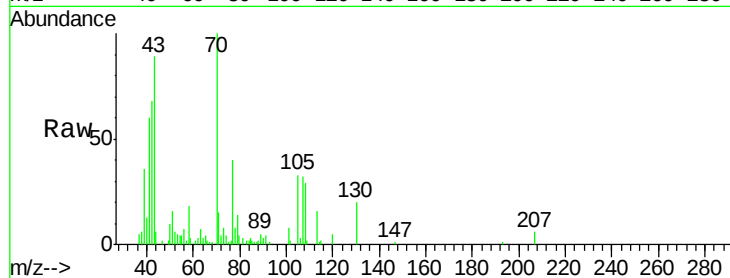
Ion Ratio Lower Upper

70 100

42 68.4 76.0 114.0#

101 8.4 6.7 10.1

130 20.0 14.6 22.0

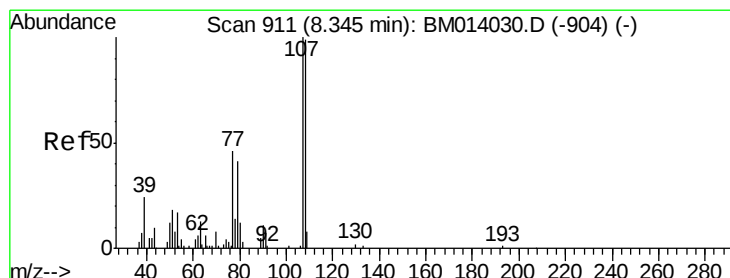
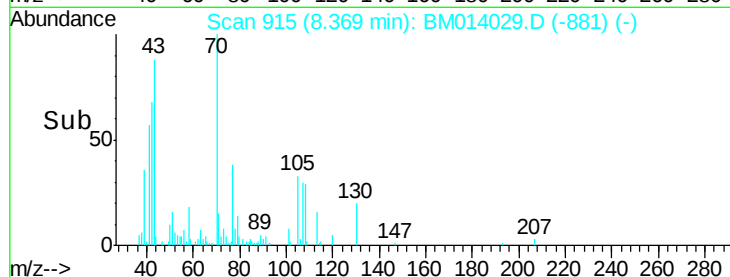
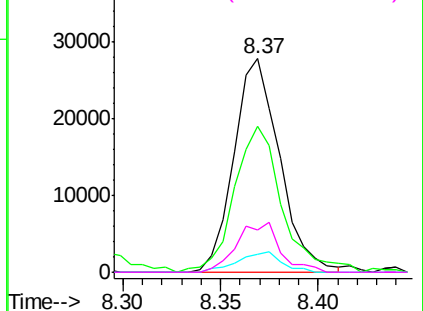


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 9.294 ng/ul

RT: 8.35 min Scan# 911

Delta R.T. 0.00 min

Lab File: BM014029.D

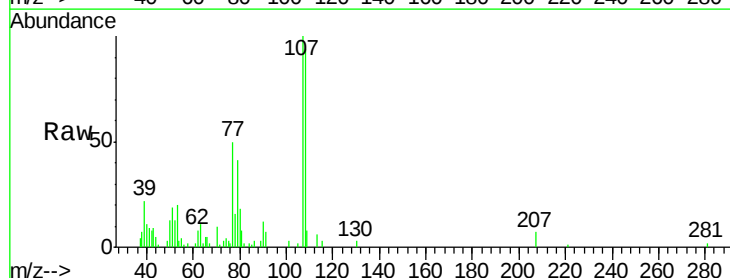
Acq: 31 Jan 2018 12:05

Tgt Ion: 108 Resp: 47406

Ion Ratio Lower Upper

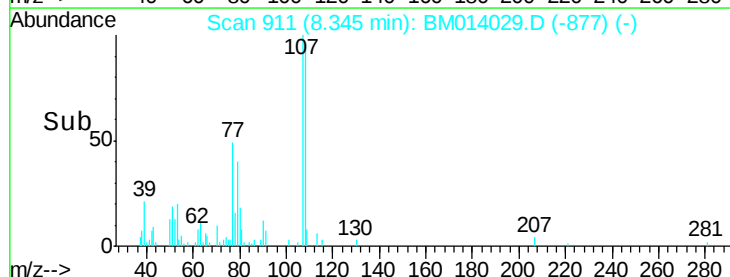
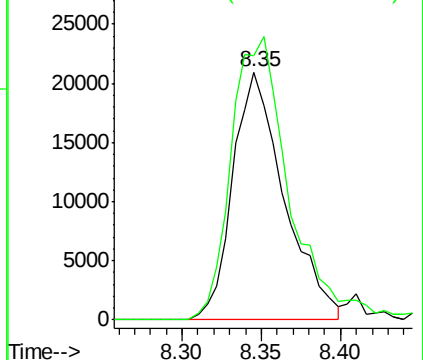
108 100

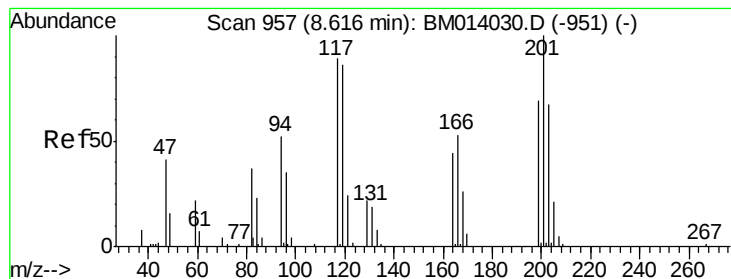
107 106.4 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 10.679 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

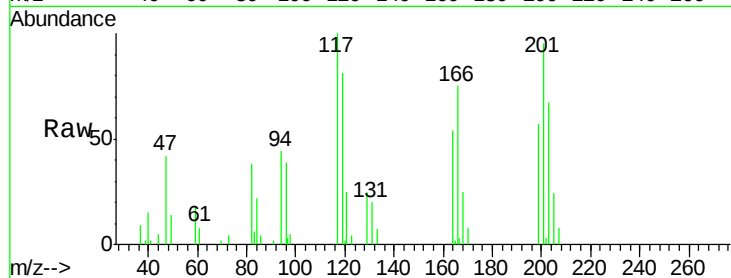
Tgt Ion:117 Resp: 27237

Ion Ratio Lower Upper

117 100

201 95.4 111.6 167.4#

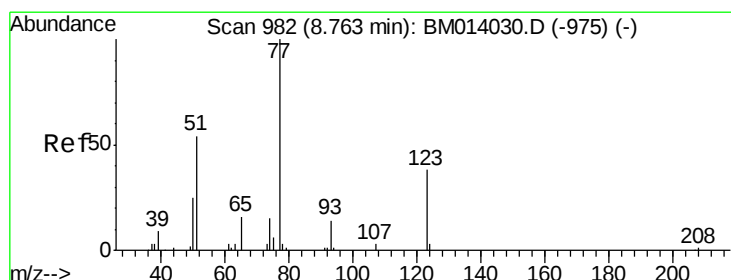
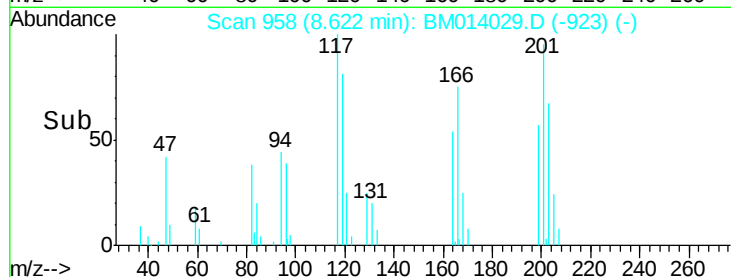
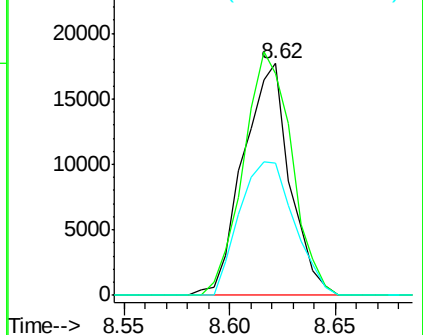
199 56.9 67.8 101.6#



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: 10.378 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

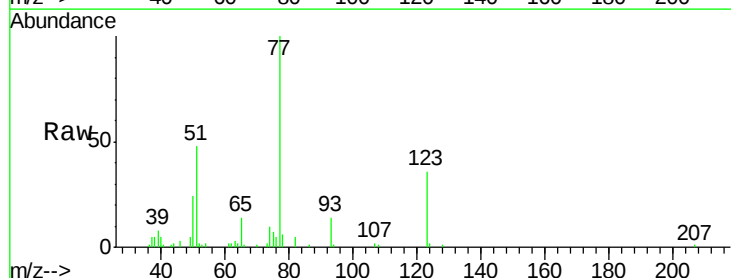
Tgt Ion: 77 Resp: 76019

Ion Ratio Lower Upper

77 100

123 35.6 31.0 46.6

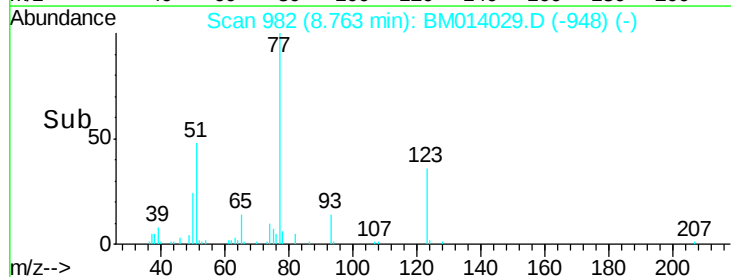
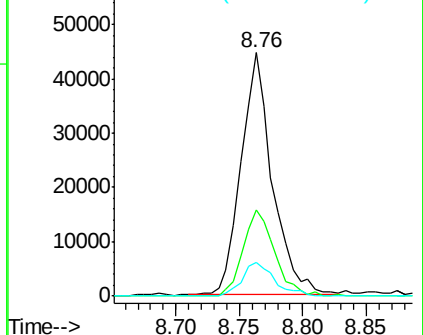
65 13.6 12.2 18.2

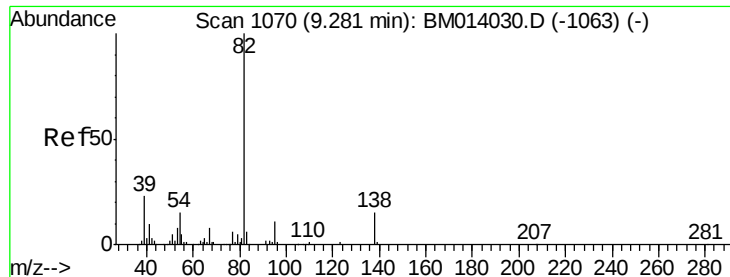


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 10.818 ng/ul

RT: 9.28 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

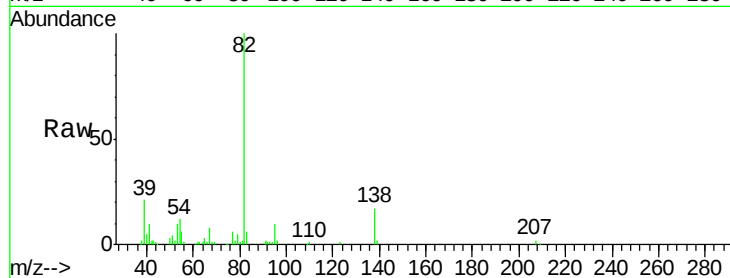
Tgt Ion: 82 Resp: 128029

Ion Ratio Lower Upper

82 100

95 10.4 7.8 11.8

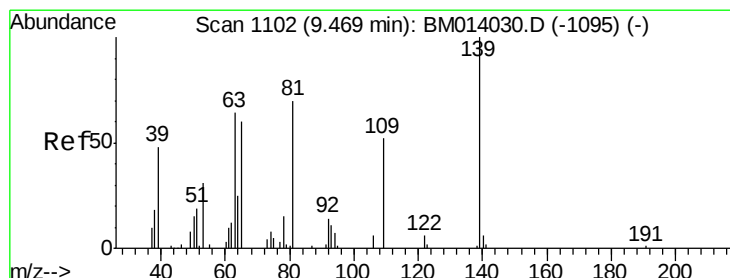
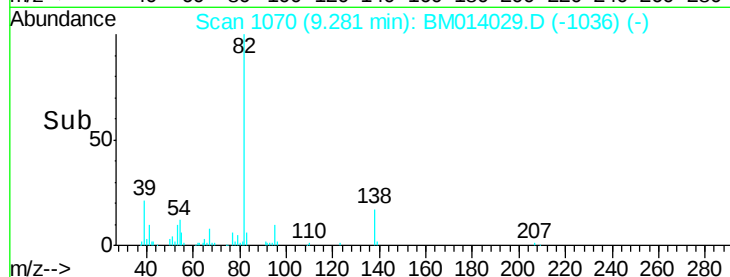
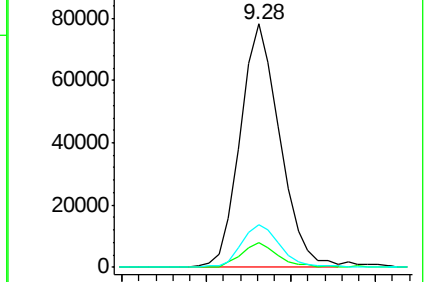
138 17.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014029.D (-1036) (-)

Ion 95.00 (94.70 to 95.70): BM014029.D (-1036) (-)

Ion 138.00 (137.70 to 138.70): BM014029.D (-1036) (-)



#23

2-Nitrophenol

Concen: 9.080 ng/ul

RT: 9.47 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

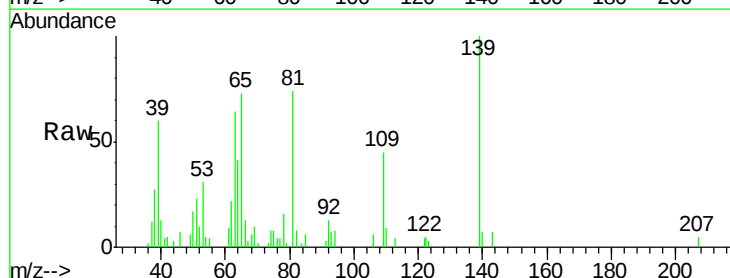
Tgt Ion: 139 Resp: 28351

Ion Ratio Lower Upper

139 100

65 72.9 55.4 83.0

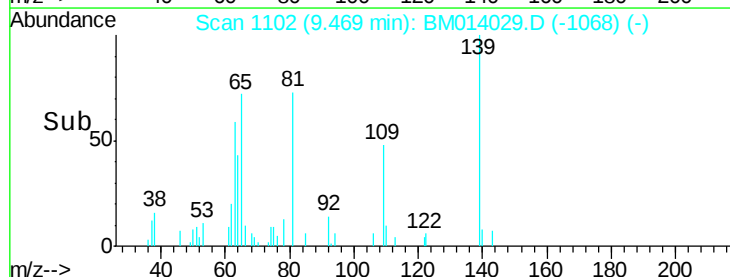
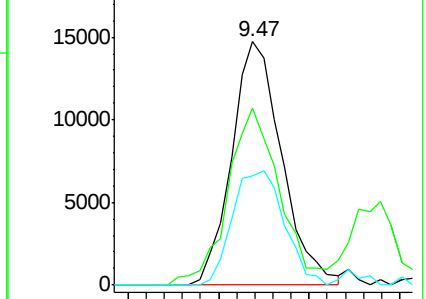
109 45.0 42.2 63.2

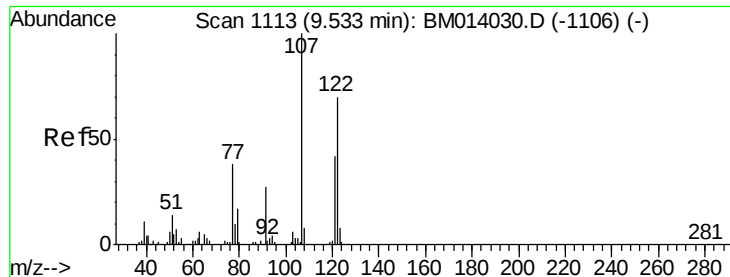


Abundance Ion 139.00 (138.70 to 139.70): BM014029.D (-1068) (-)

Ion 65.00 (64.70 to 65.70): BM014029.D (-1068) (-)

Ion 109.00 (108.70 to 109.70): BM014029.D (-1068) (-)

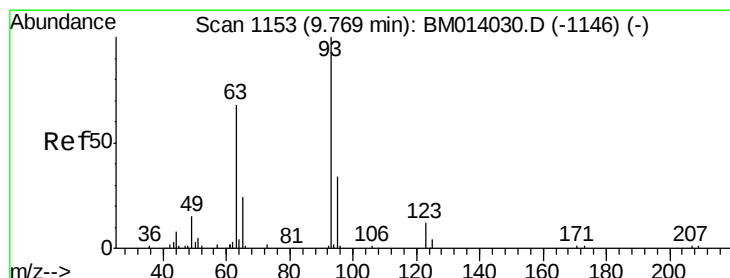
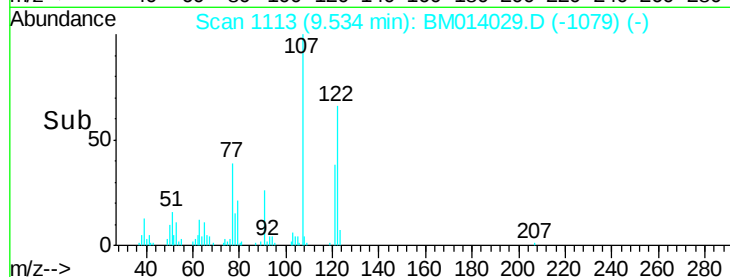
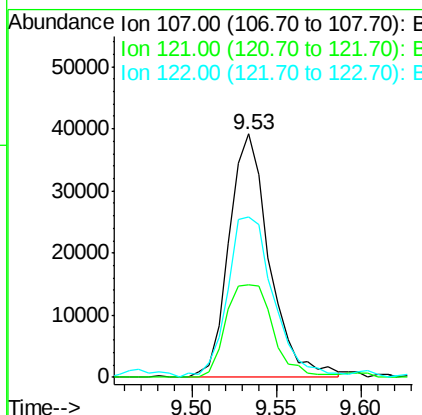
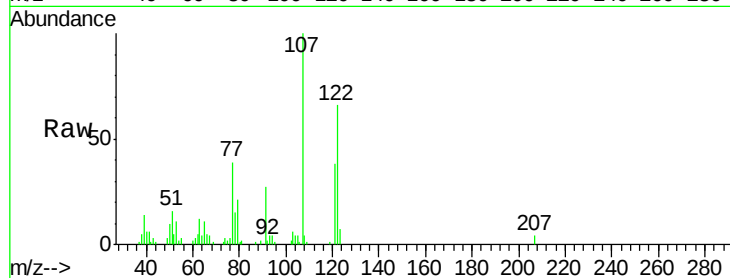




#24  
 2,4-Dimethylphenol  
 Concen: 9.897 ng/ul  
 RT: 9.53 min Scan# 1113  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

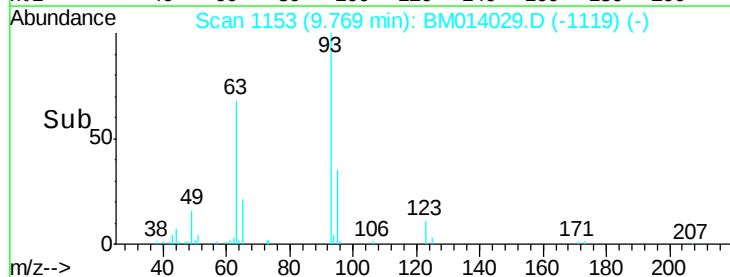
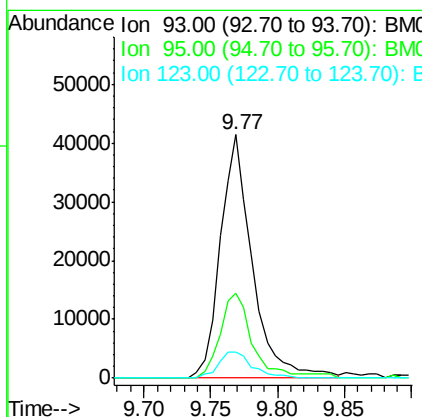
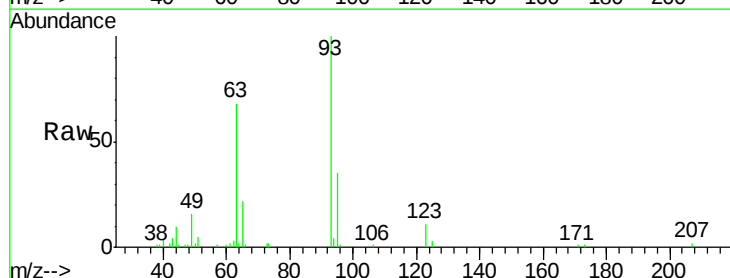
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

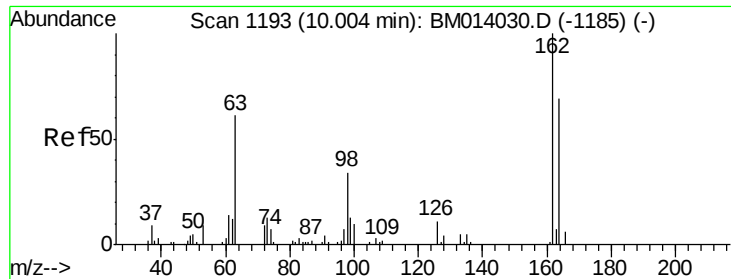
Tgt Ion: 107 Resp: 65150  
 Ion Ratio Lower Upper  
 107 100  
 121 38.0 31.9 47.9  
 122 65.8 57.8 86.6



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 9.660 ng/ul  
 RT: 9.77 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion: 93 Resp: 69695  
 Ion Ratio Lower Upper  
 93 100  
 95 35.0 28.5 42.7  
 123 10.7 8.9 13.3

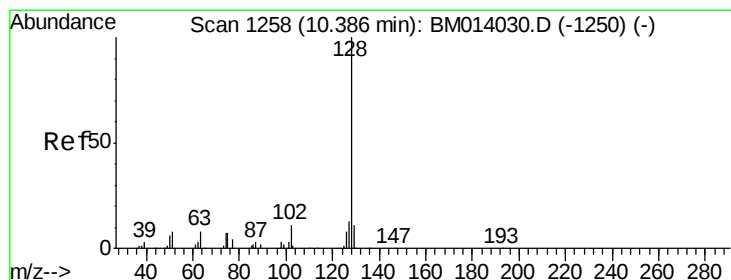
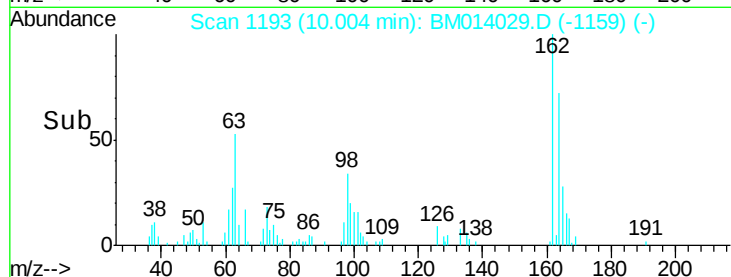
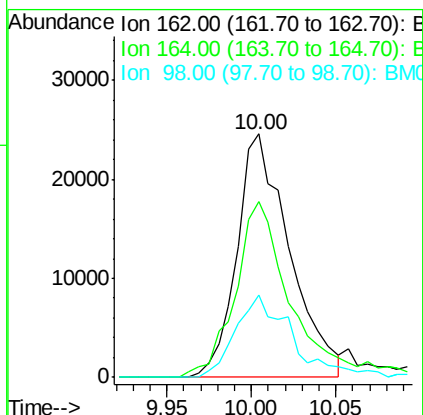
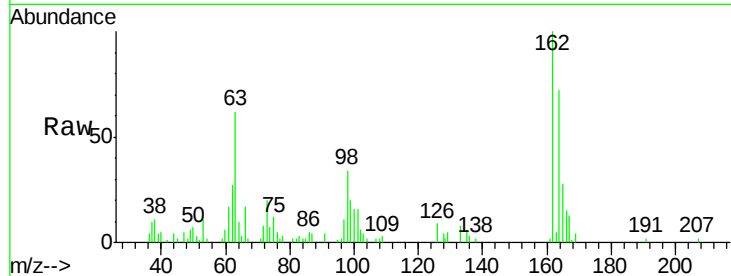




#27  
 2,4-Dichlorophenol  
 Concen: 9.562 ng/ul  
 RT: 10.00 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

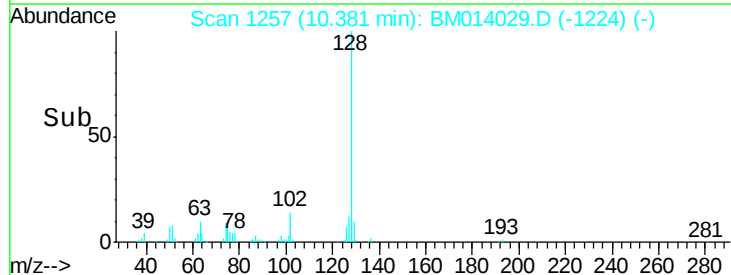
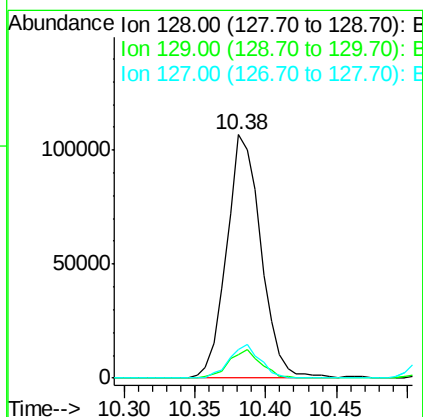
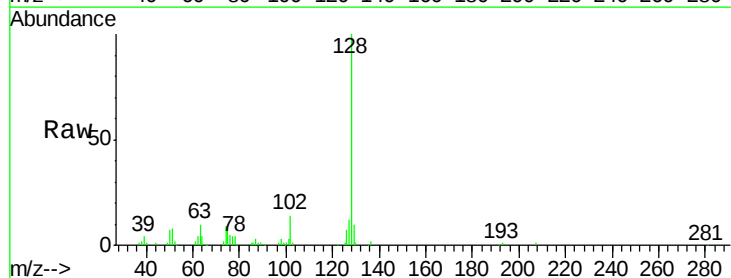
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

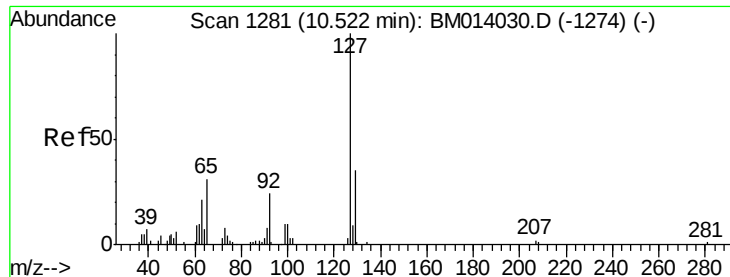
Tgt Ion:162 Resp: 53337  
 Ion Ratio Lower Upper  
 162 100  
 164 72.4 47.8 71.6#  
 98 33.9 23.0 34.4



#28  
 Naphthalene  
 Concen: 9.989 ng/ul  
 RT: 10.38 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion:128 Resp: 181586  
 Ion Ratio Lower Upper  
 128 100  
 129 9.9 8.8 13.2  
 127 11.9 10.6 16.0

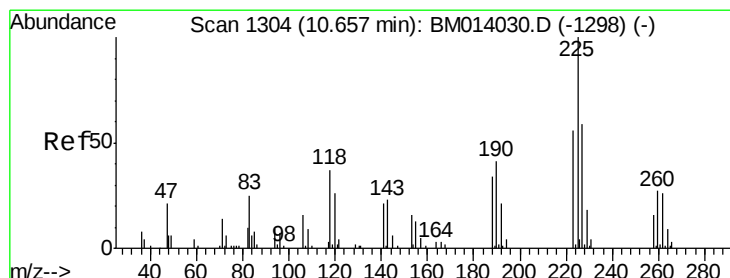
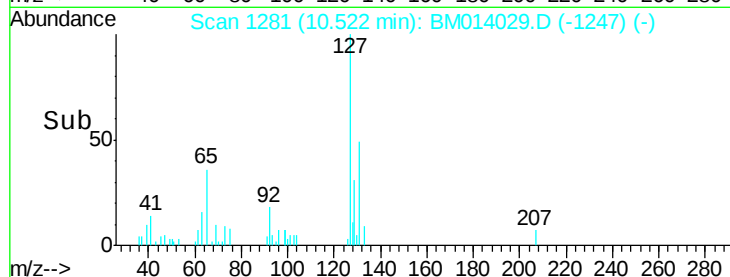
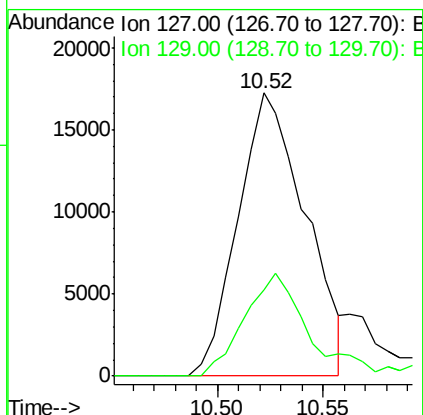
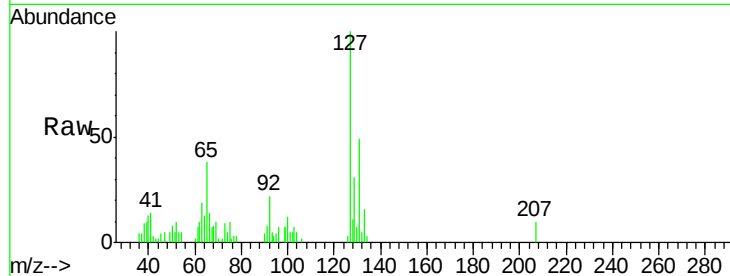




#30  
4-Chloroaniline  
Concen: 7.681 ng/ul  
RT: 10.52 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

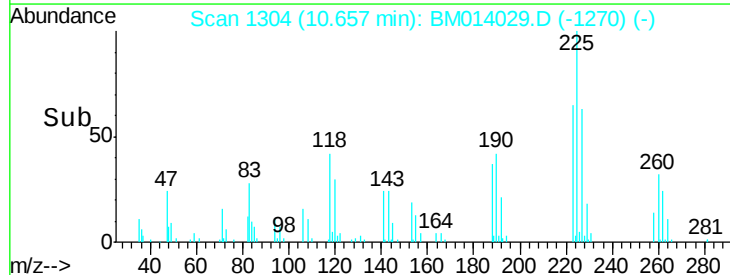
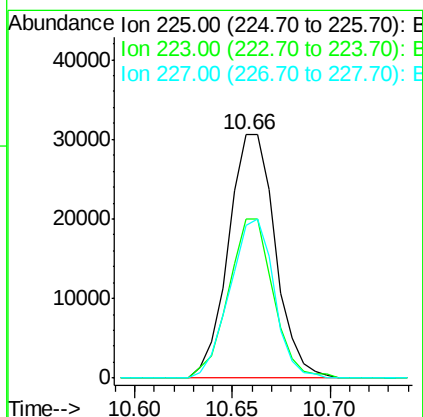
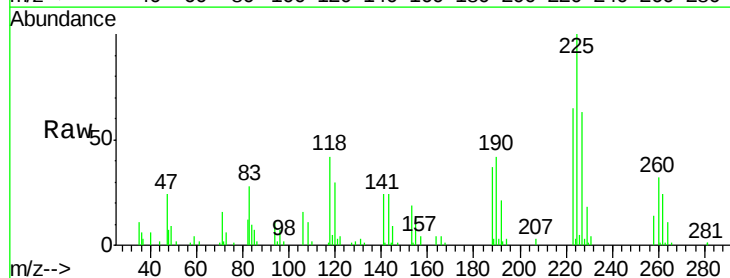
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

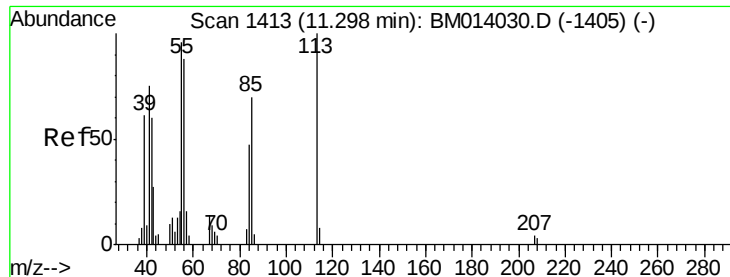
Tgt Ion:127 Resp: 38249  
Ion Ratio Lower Upper  
127 100  
129 30.6 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 11.124 ng/ul  
RT: 10.66 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Tgt Ion:225 Resp: 50934  
Ion Ratio Lower Upper  
225 100  
223 65.1 49.4 74.2  
227 62.6 45.4 68.2





#32

Caprolactam

Concen: 9.259 ng/ul

RT: 11.30 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

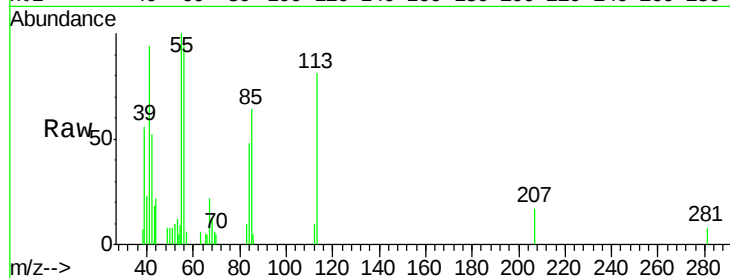
Tgt Ion:113 Resp: 14368

Ion Ratio Lower Upper

113 100

55 123.2 208.0 312.0#

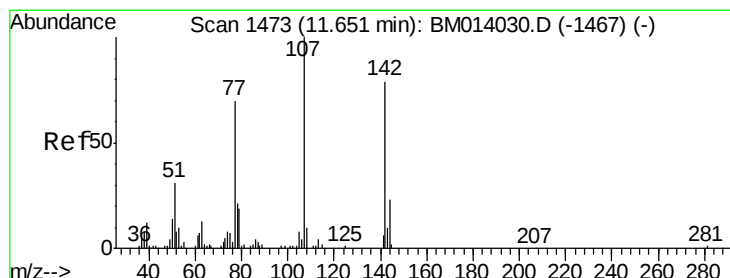
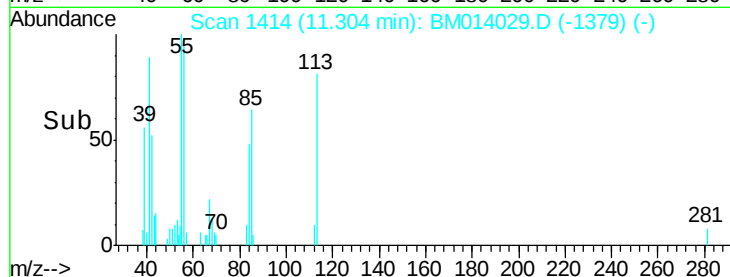
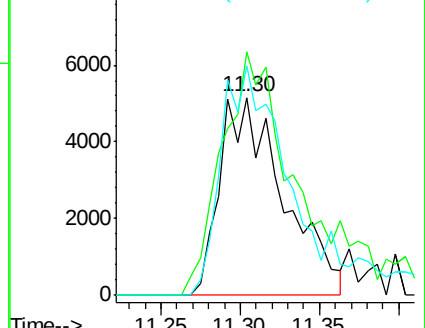
56 115.9 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 10.625 ng/ul

RT: 11.66 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

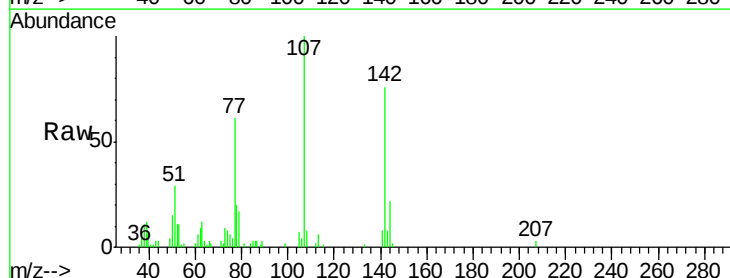
Tgt Ion:107 Resp: 60081

Ion Ratio Lower Upper

107 100

144 21.8 20.4 30.6

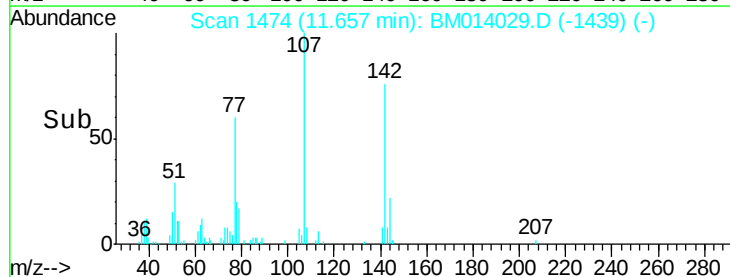
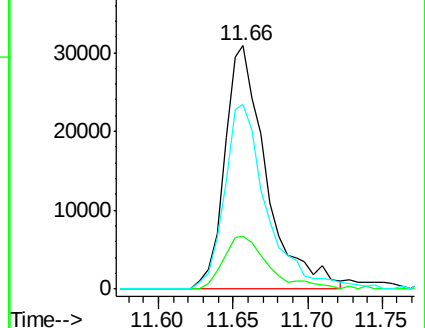
142 75.6 60.5 90.7

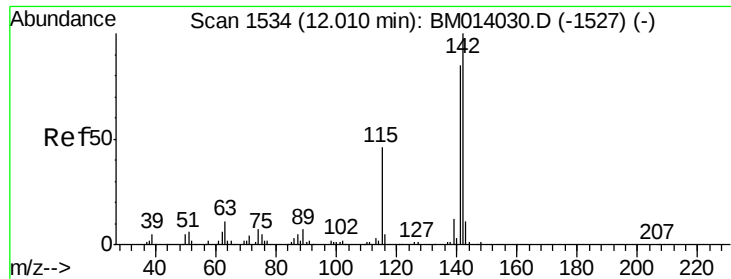


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

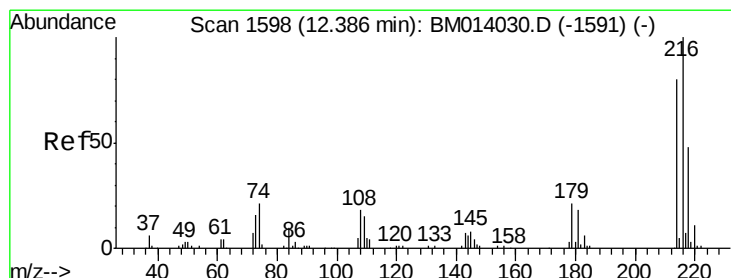
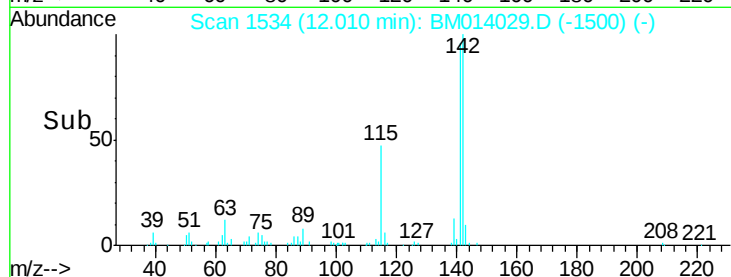
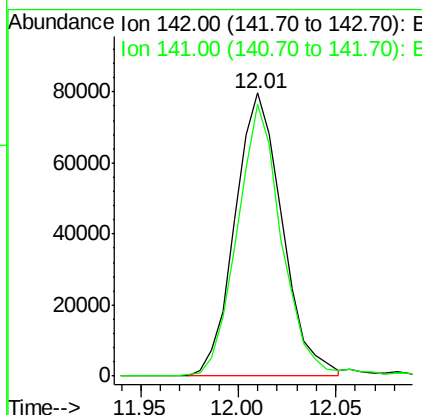
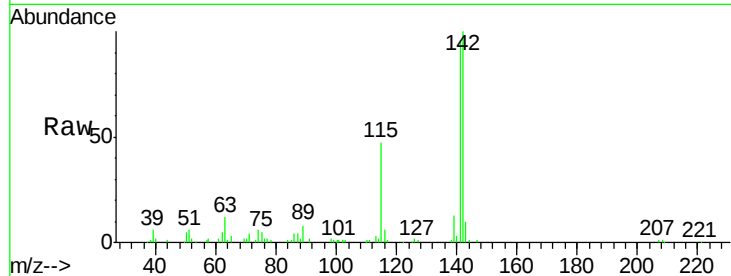




#34  
 2-Methylnaphthalene  
 Concen: 9.873 ng/ul  
 RT: 12.01 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

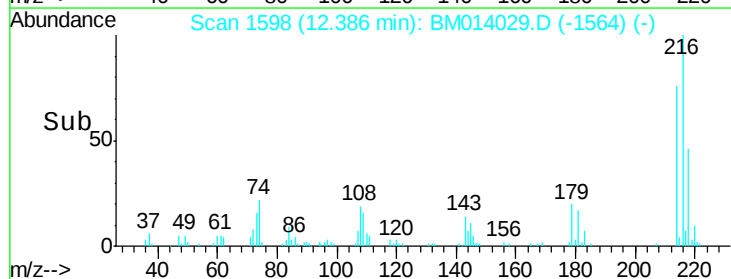
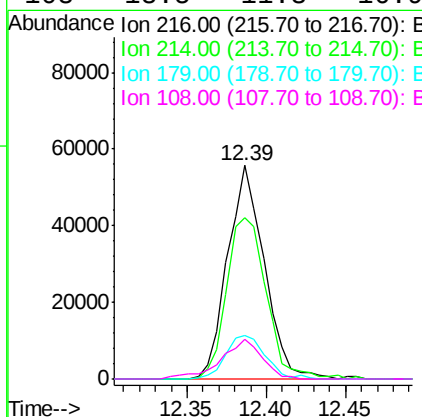
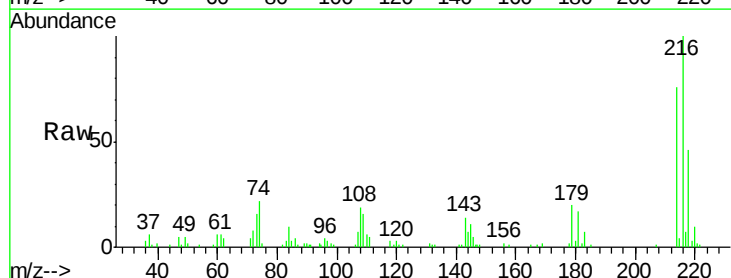
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

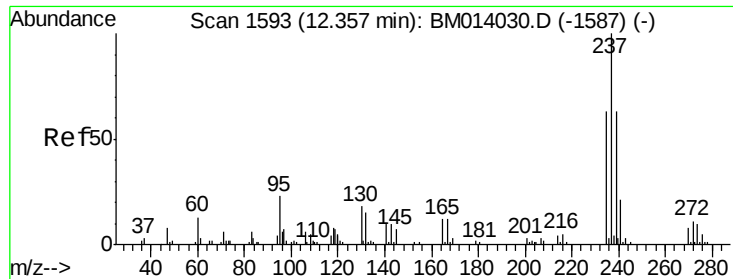
Tgt Ion:142 Resp: 133814  
 Ion Ratio Lower Upper  
 142 100  
 141 95.9 74.1 111.1



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 9.338 ng/ul  
 RT: 12.39 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion:216 Resp: 89810  
 Ion Ratio Lower Upper  
 216 100  
 214 75.6 60.6 90.8  
 179 20.3 17.5 26.3  
 108 18.5 11.3 16.9#

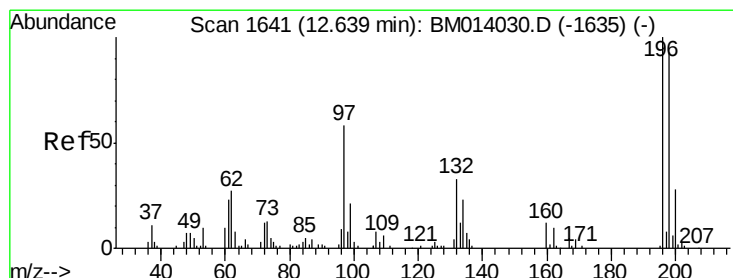
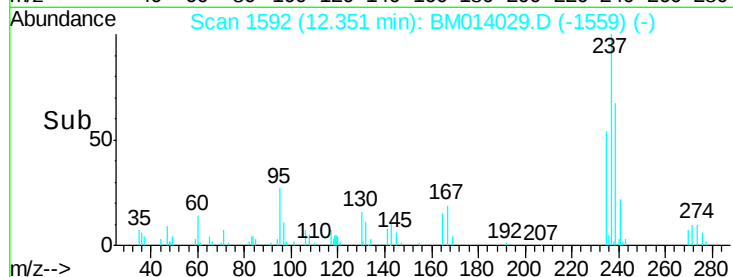
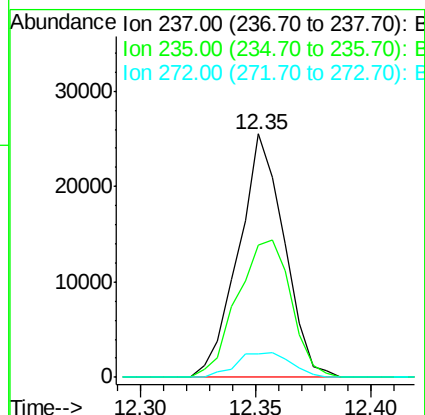
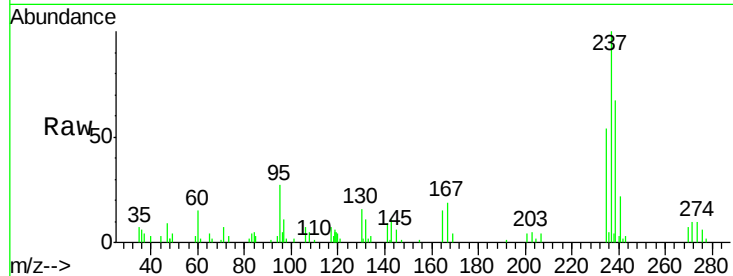




#37  
Hexachlorocyclopentadiene  
Concen: 8.831 ng/ul  
RT: 12.35 min Scan# 1592  
Delta R.T. -0.01 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

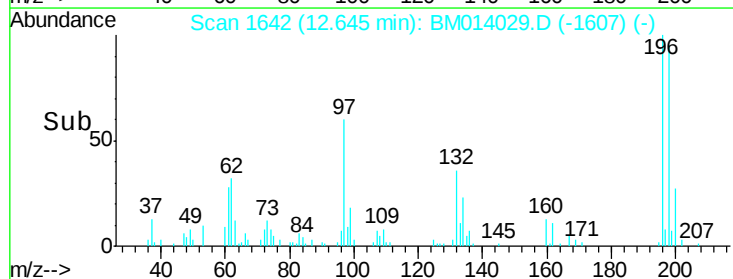
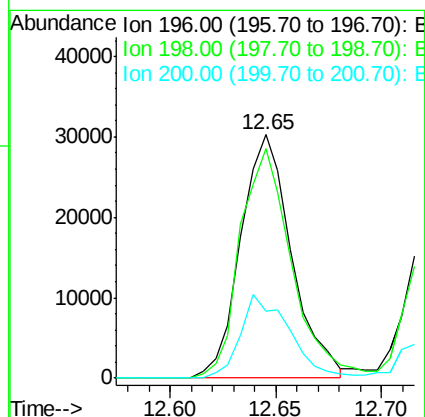
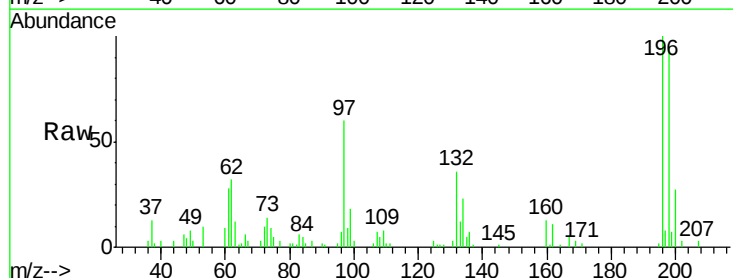
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

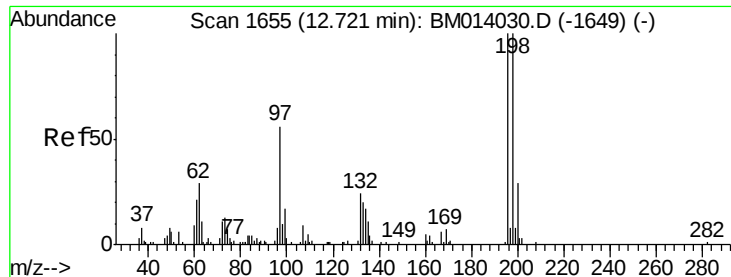
Tgt Ion:237 Resp: 35262  
Ion Ratio Lower Upper  
237 100  
235 59.3 50.2 75.4  
272 9.6 11.0 16.6#



#38  
2,4,6-Trichlorophenol  
Concen: 9.097 ng/ul  
RT: 12.65 min Scan# 1642  
Delta R.T. 0.01 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Tgt Ion:196 Resp: 50647  
Ion Ratio Lower Upper  
196 100  
198 94.5 74.1 111.1  
200 27.3 25.2 37.8

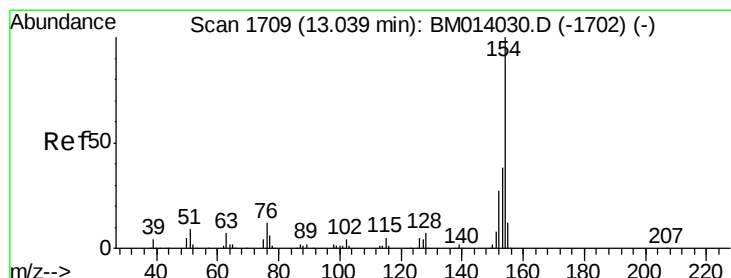
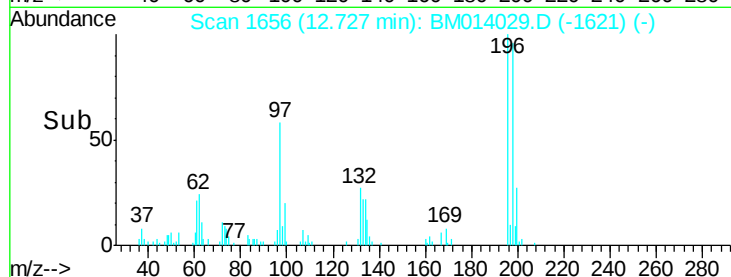
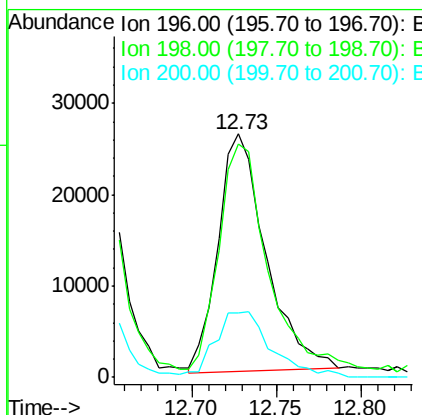
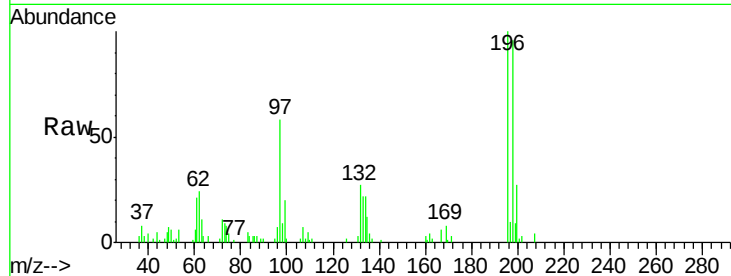




#39  
 2,4,5-Trichlorophenol  
 Concen: 8.898 ng/ul  
 RT: 12.73 min Scan# 1656  
 Delta R.T. 0.01 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

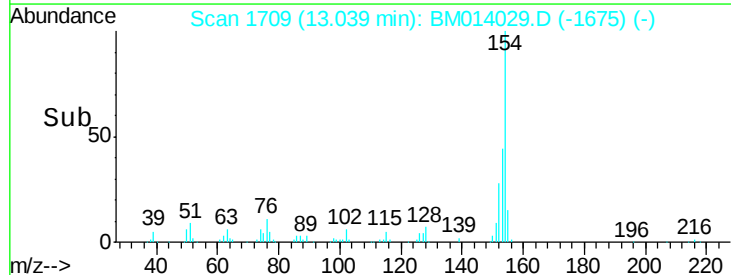
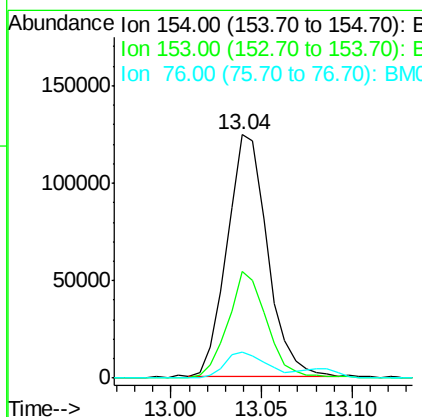
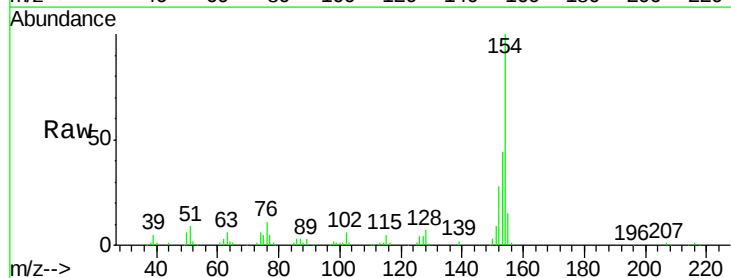
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

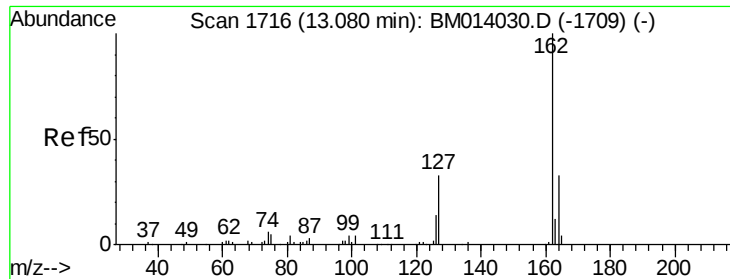
Tgt Ion:196 Resp: 51549  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 75.6 113.4  
 200 26.5 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 8.872 ng/ul  
 RT: 13.04 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion:154 Resp: 191686  
 Ion Ratio Lower Upper  
 154 100  
 153 43.6 32.6 48.8  
 76 10.7 8.5 12.7

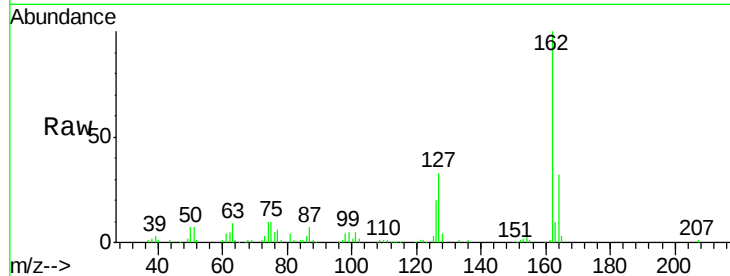




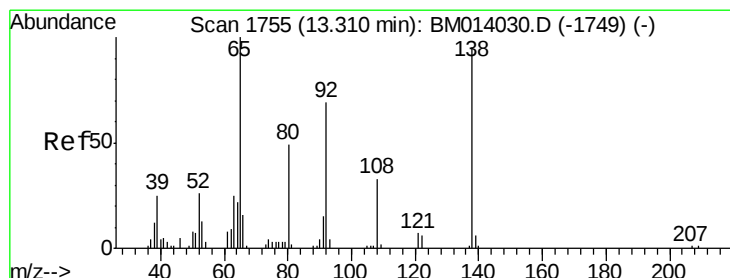
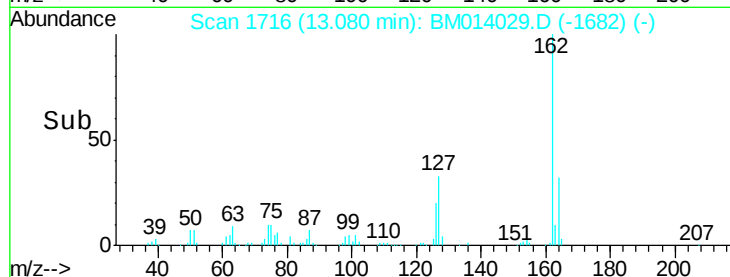
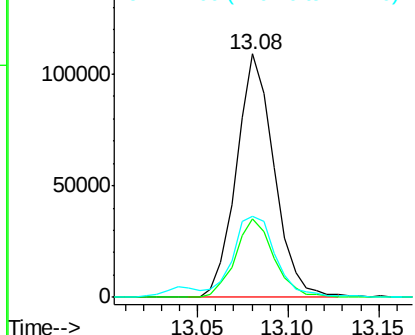
#41  
2-Chloronaphthalene  
Concen: 9.369 ng/ul  
RT: 13.08 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.4  | 25.9  | 38.9  |
| 127     | 33.2  | 29.4  | 44.2  |

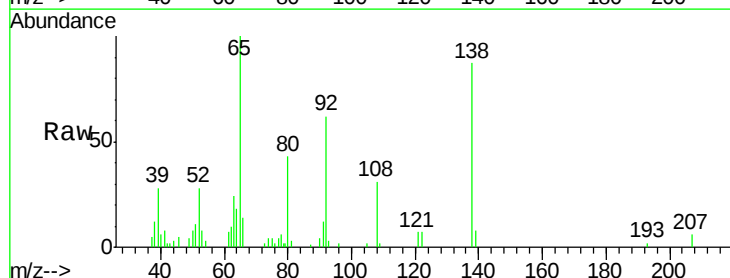


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

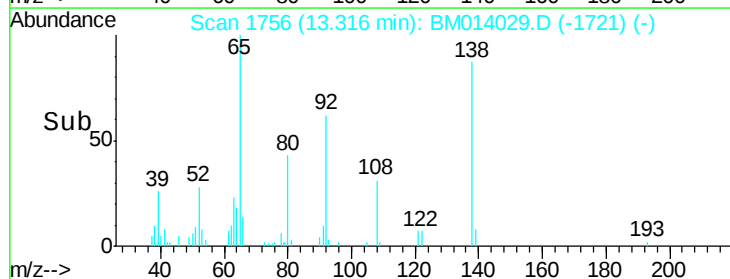
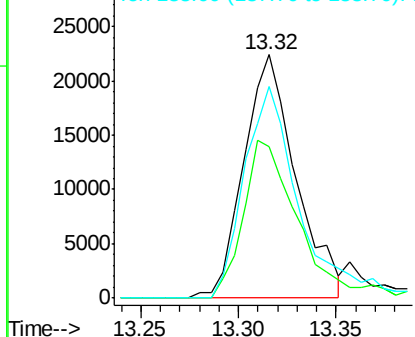


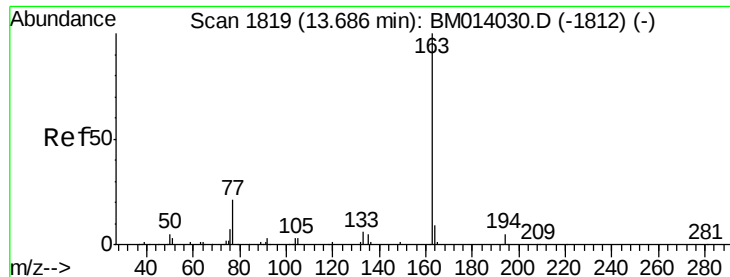
#42  
2-Nitroaniline  
Concen: 8.901 ng/ul  
RT: 13.32 min Scan# 1756  
Delta R.T. 0.01 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.4  | 51.8  | 77.6  |
| 138     | 86.9  | 74.2  | 111.4 |



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 9.996 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

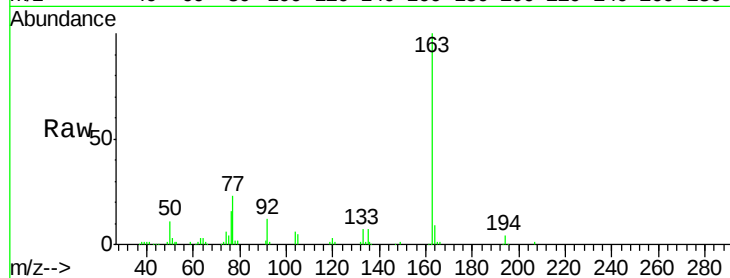
Tgt Ion:163 Resp: 210252

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

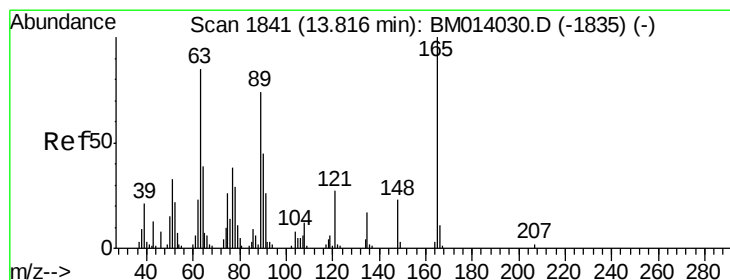
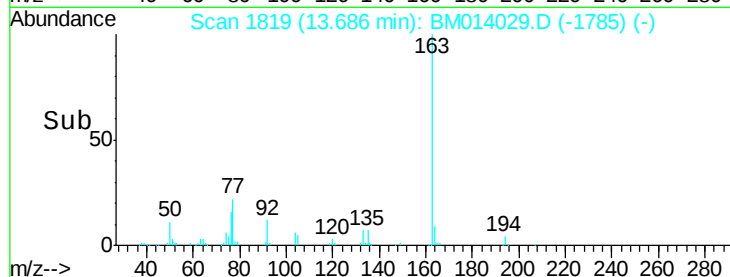
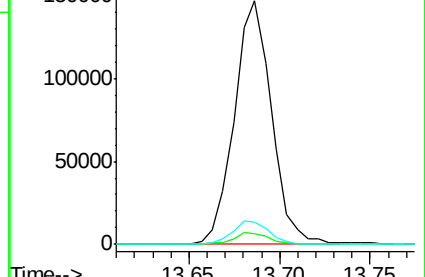
164 9.0 8.2 12.4



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: 9.673 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

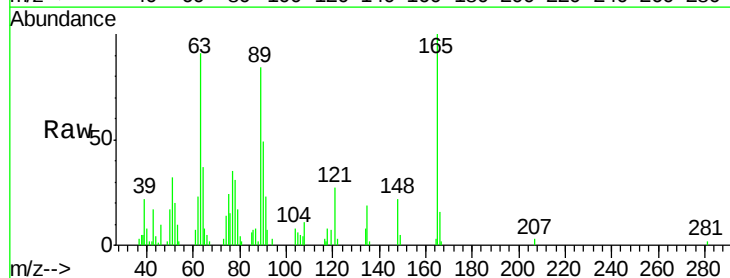
Tgt Ion:165 Resp: 39429

Ion Ratio Lower Upper

165 100

89 84.1 52.6 79.0#

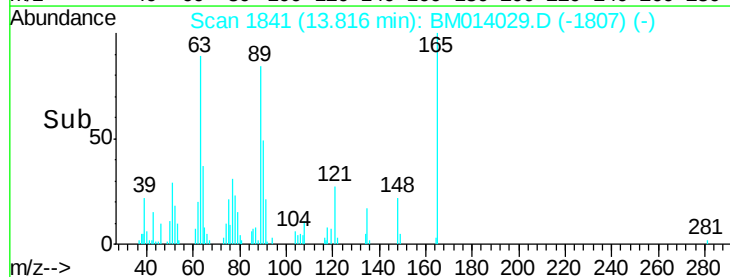
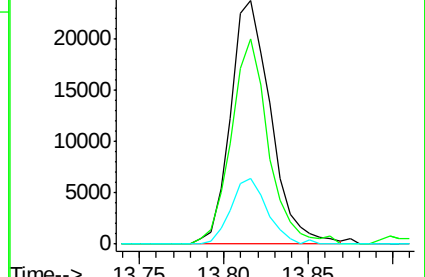
121 26.8 14.6 22.0#

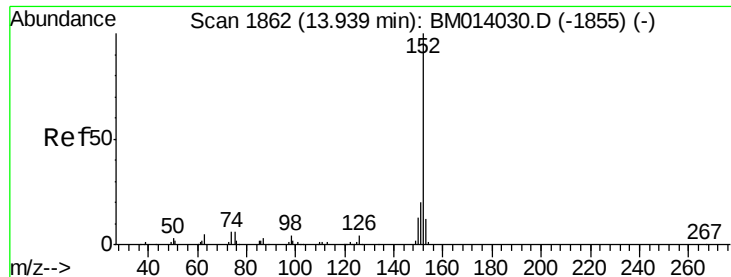


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 9.401 ng/ul

RT: 13.93 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

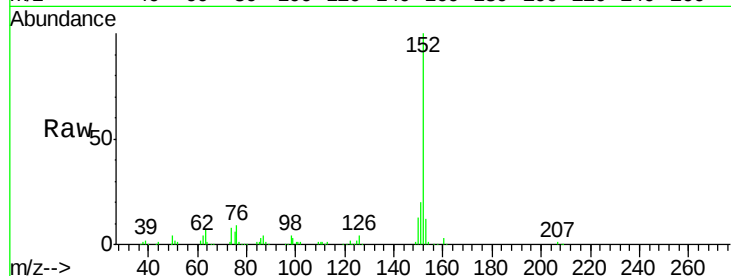
Tgt Ion:152 Resp: 234650

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

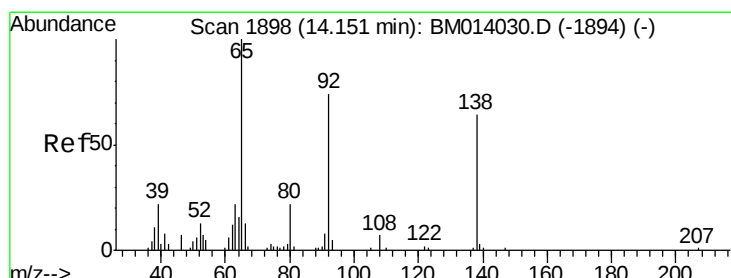
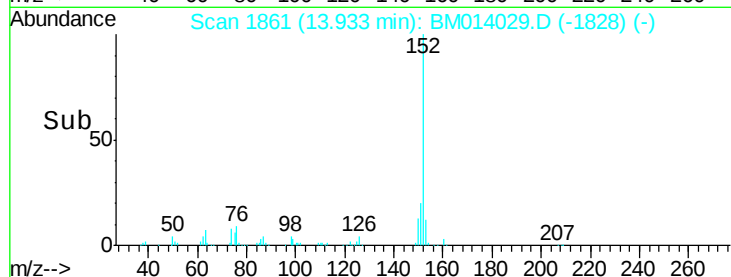
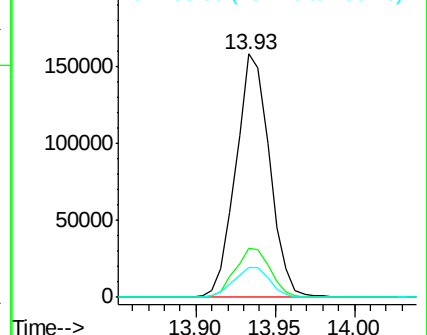
153 12.4 10.2 15.4



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: 7.381 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

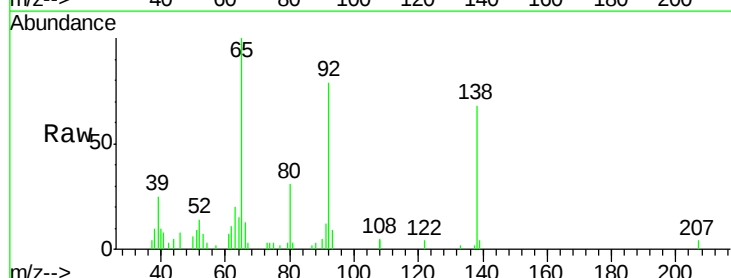
Tgt Ion:138 Resp: 23662

Ion Ratio Lower Upper

138 100

108 13.0 9.9 14.9

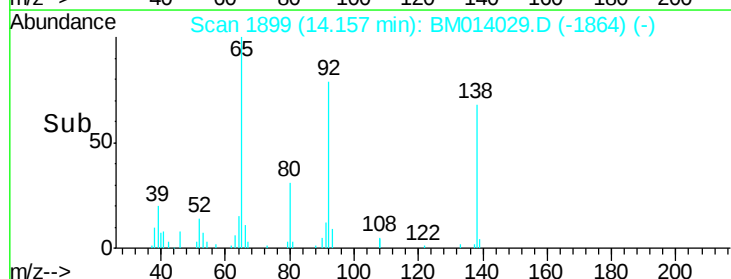
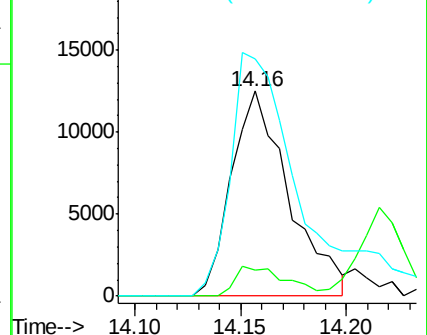
92 116.0 105.0 157.4

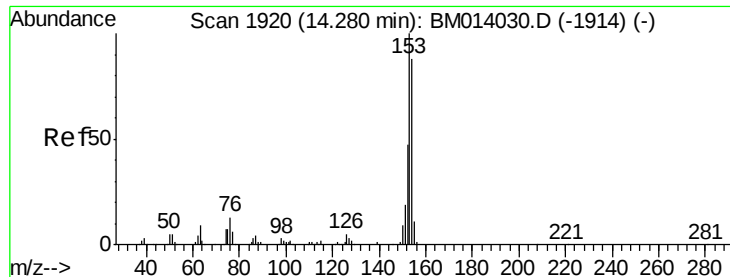


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 9.729 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

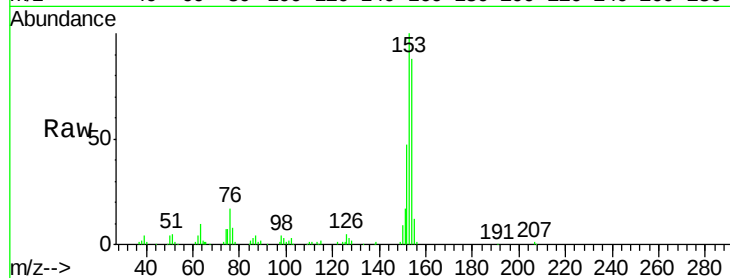
Tgt Ion:153 Resp: 168195

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

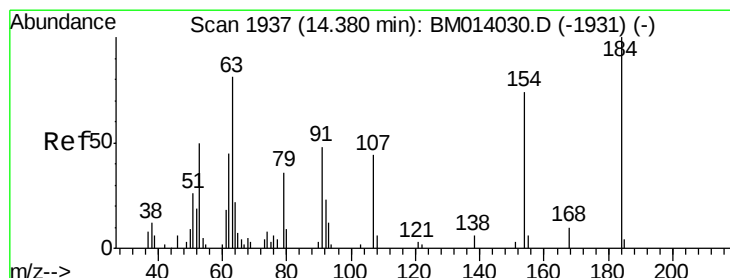
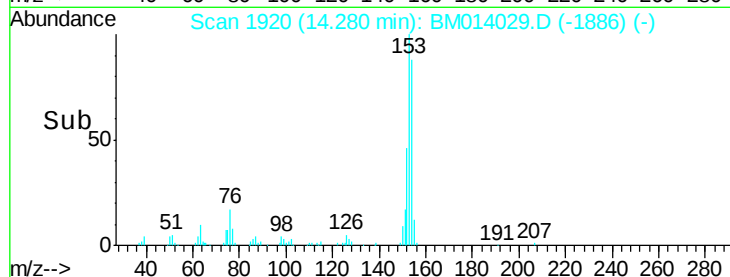
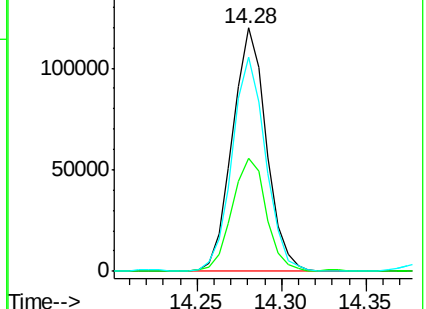
154 88.2 70.4 105.6



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: 3.201 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

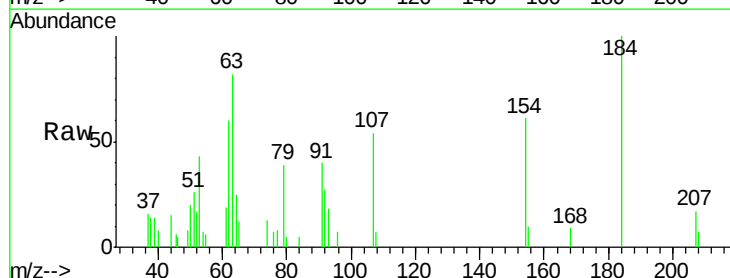
Tgt Ion:184 Resp: 7480

Ion Ratio Lower Upper

184 100

63 81.5 50.1 75.1#

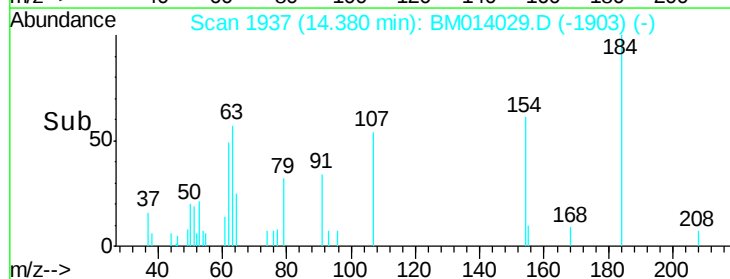
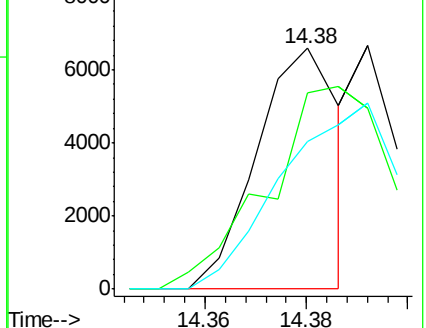
154 61.4 54.5 81.7

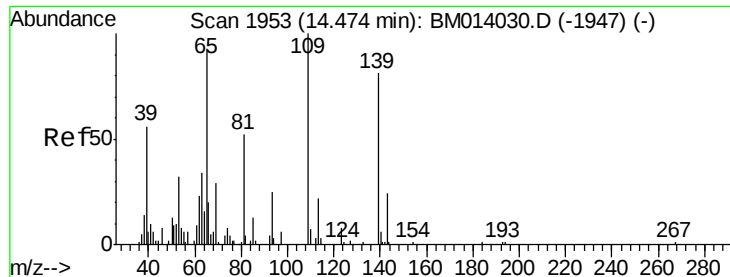


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 7.196 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

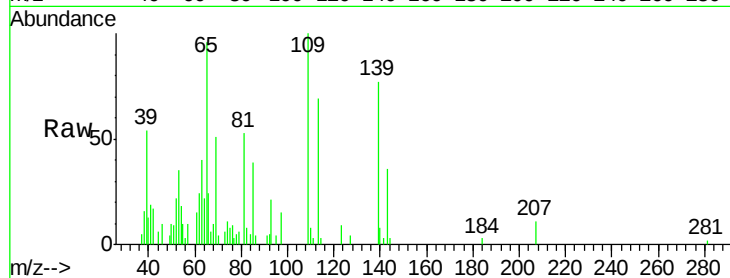
Tgt Ion:109 Resp: 25415

Ion Ratio Lower Upper

109 100

139 77.1 80.0 120.0#

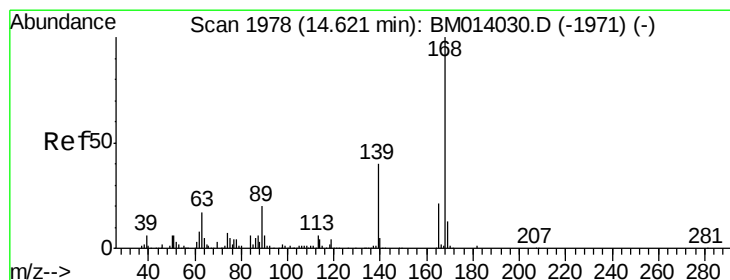
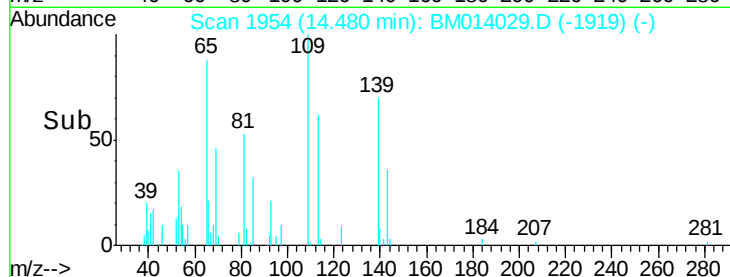
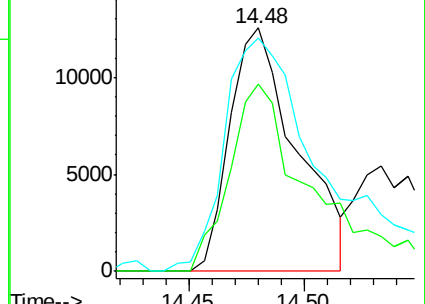
65 96.1 120.0 180.0#



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: 9.619 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM014029.D

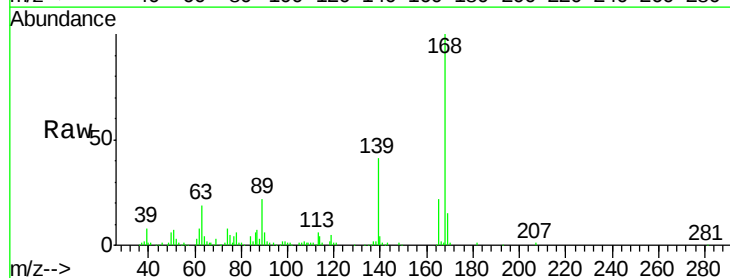
Acq: 31 Jan 2018 12:05

Tgt Ion:168 Resp: 250153

Ion Ratio Lower Upper

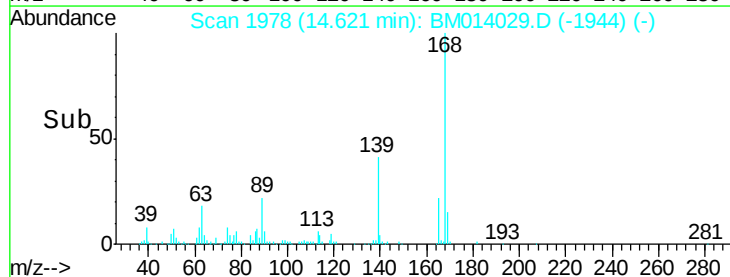
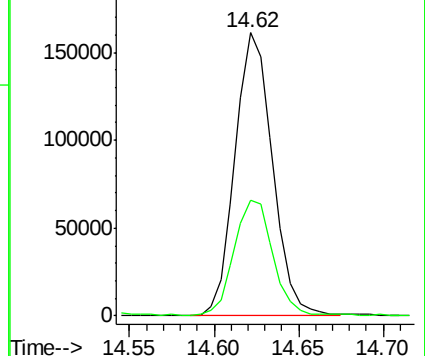
168 100

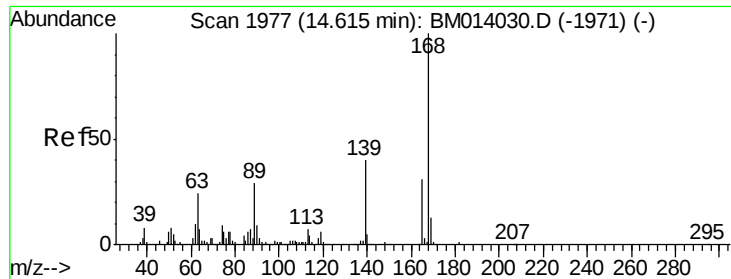
139 40.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 9.925 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

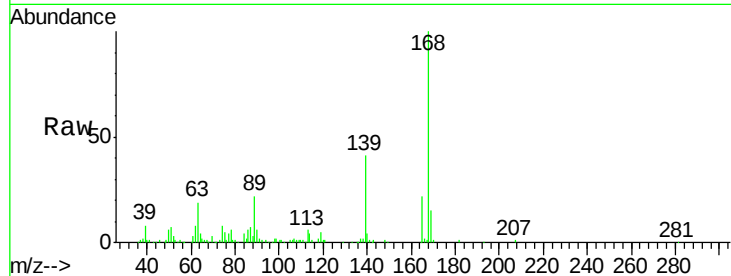
Tgt Ion:165 Resp: 58974

Ion Ratio Lower Upper

165 100

63 85.8 45.8 68.8#

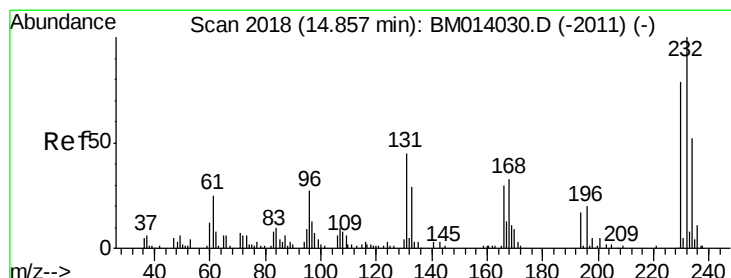
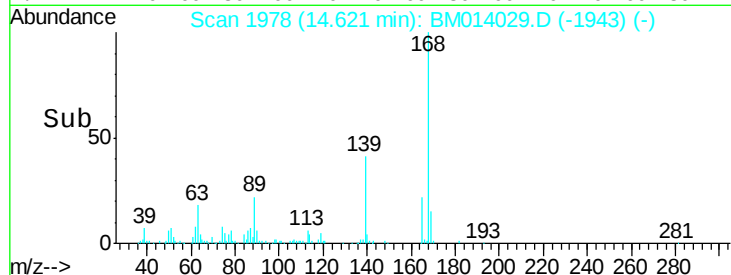
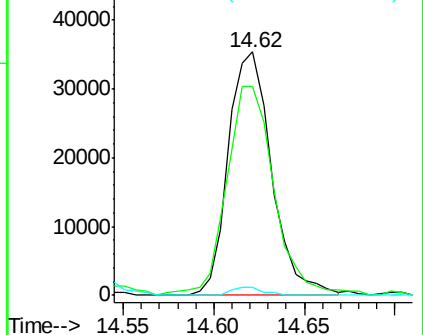
182 3.1 2.6 4.0



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: 10.088 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Tgt Ion:232 Resp: 54969

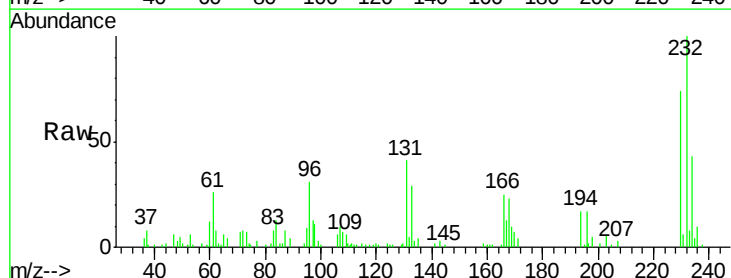
Ion Ratio Lower Upper

232 100

131 41.3 29.0 43.4

130 2.2 2.0 3.0

166 25.1 21.4 32.2

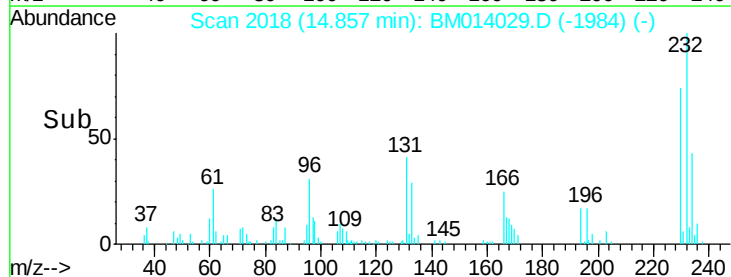
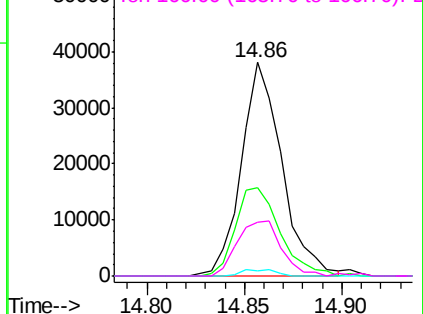


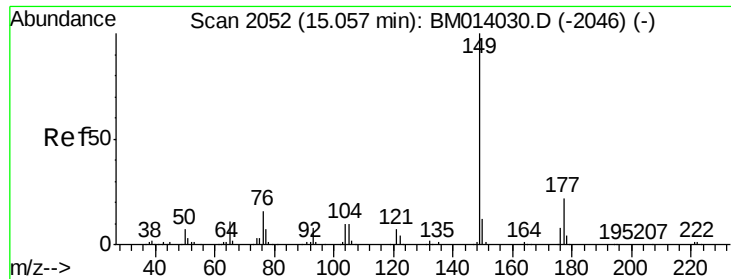
Abundance Ion 232.00 (231.70 to 232.70): E

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

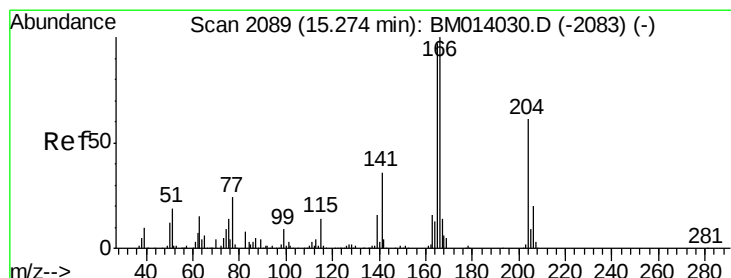
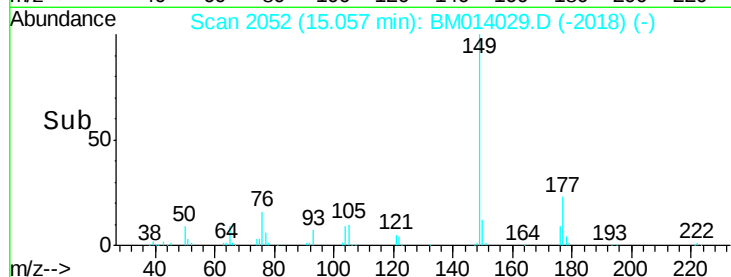
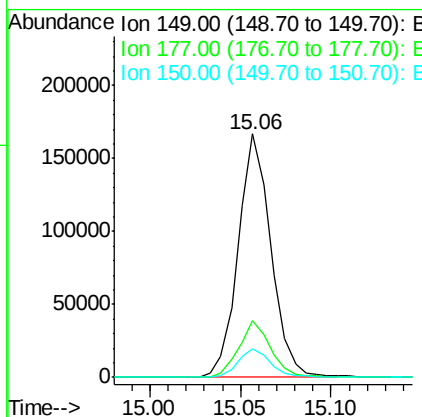
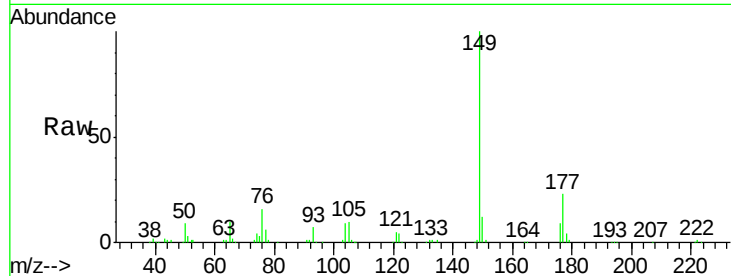




#56  
Diethylphthalate  
Concen: 9.911 ng/ul  
RT: 15.06 min Scan# 2052  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

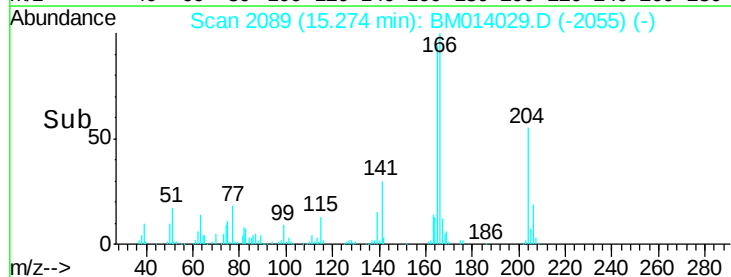
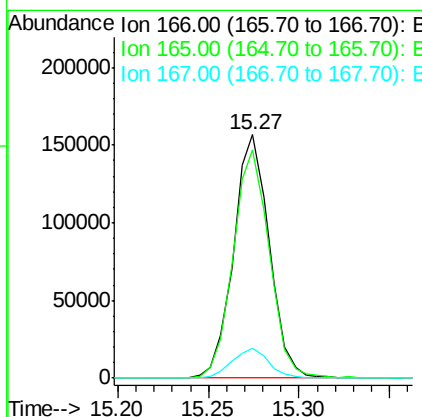
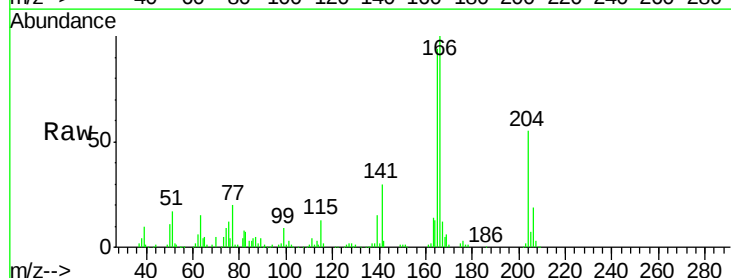
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

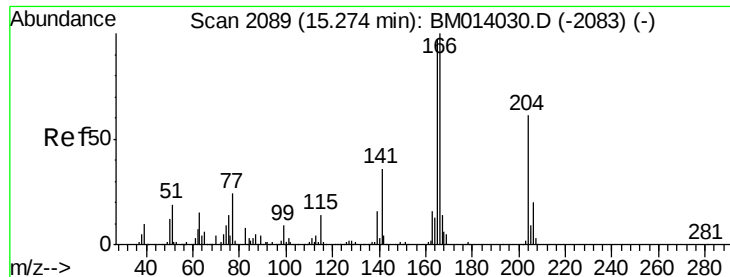
Tgt Ion:149 Resp: 209802  
Ion Ratio Lower Upper  
149 100  
177 23.5 20.5 30.7  
150 11.6 10.6 15.8



#58  
Fluorene  
Concen: 10.065 ng/ul  
RT: 15.27 min Scan# 2089  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Tgt Ion:166 Resp: 214428  
Ion Ratio Lower Upper  
166 100  
165 93.5 77.9 116.9  
167 12.1 10.6 16.0

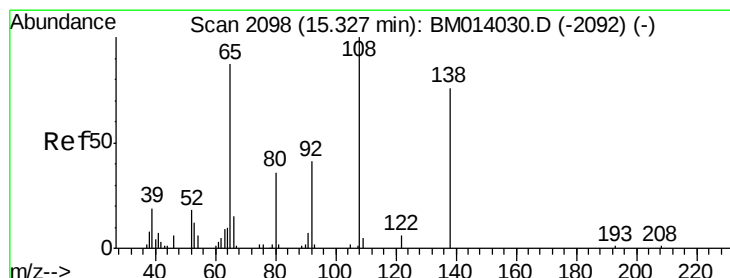
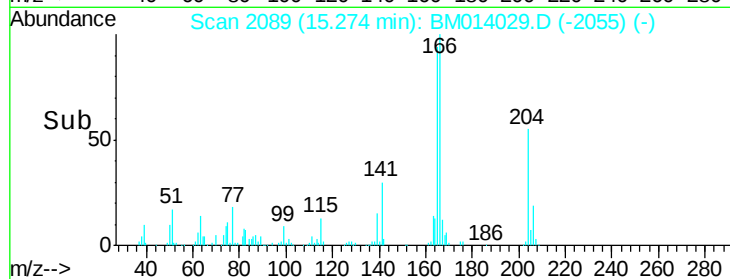
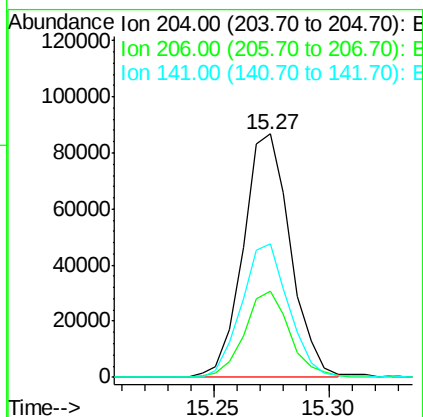
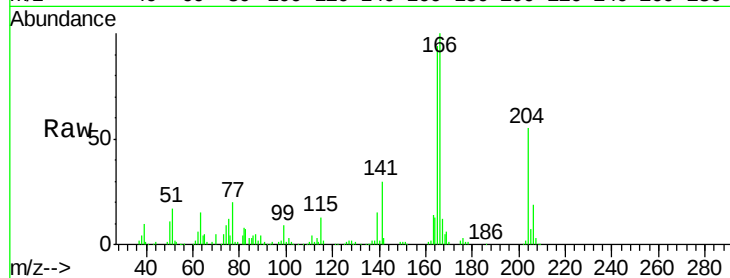




#59  
 4-Chlorophenyl-phenylether  
 Concen: 10.752 ng/ul  
 RT: 15.27 min Scan# 2089  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

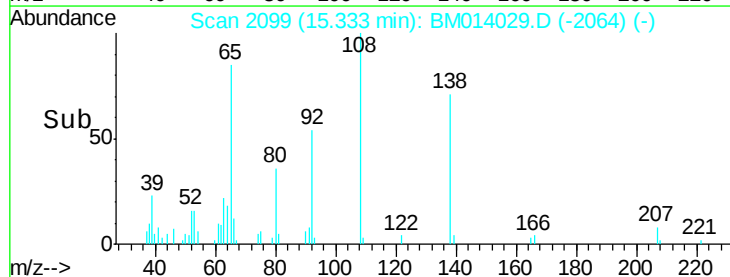
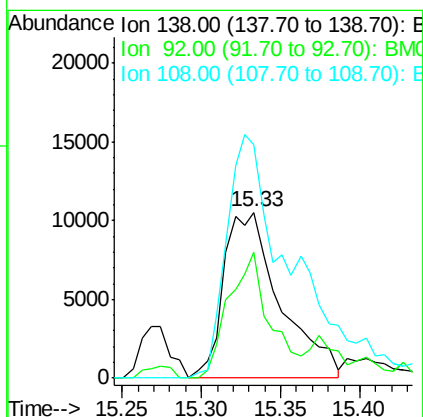
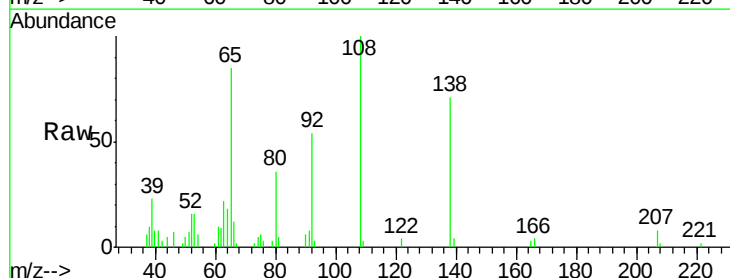
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

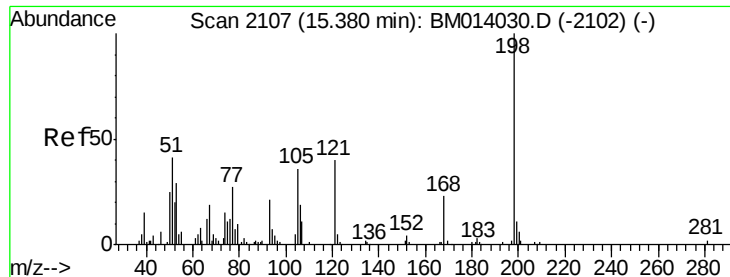
Tgt Ion:204 Resp: 123772  
 Ion Ratio Lower Upper  
 204 100  
 206 35.2 24.8 37.2  
 141 55.0 44.3 66.5



#60  
 4-Nitroaniline  
 Concen: 6.936 ng/ul  
 RT: 15.33 min Scan# 2099  
 Delta R.T. 0.01 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion:138 Resp: 26016  
 Ion Ratio Lower Upper  
 138 100  
 92 75.4 40.0 60.0#  
 108 140.2 80.0 120.0#

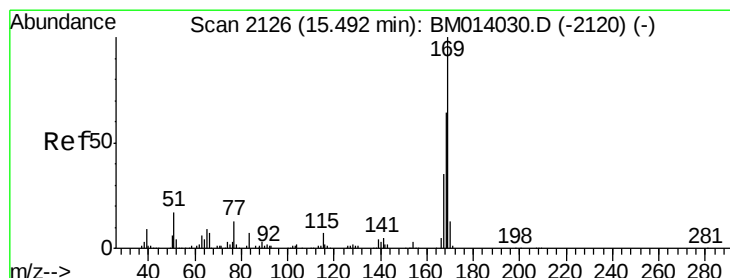
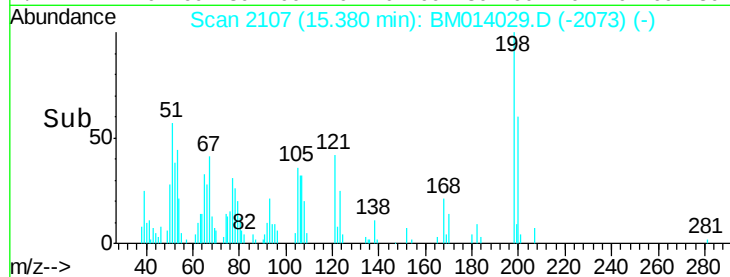
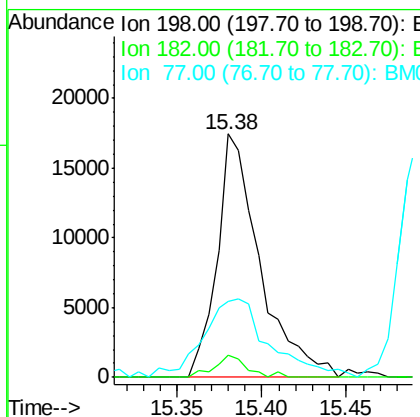
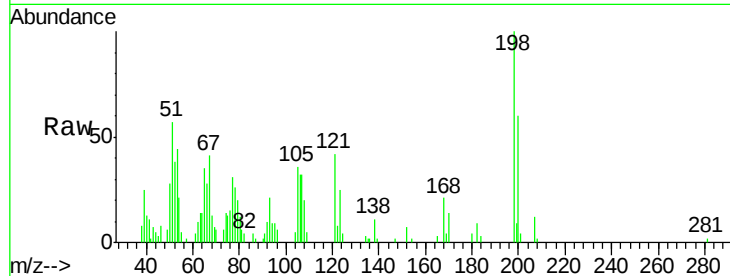




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 7.790 ng/ul  
 RT: 15.38 min Scan# 2107  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

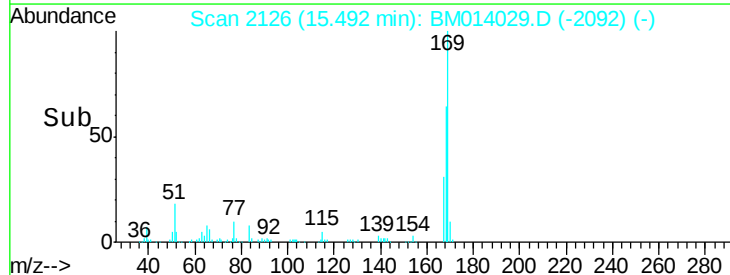
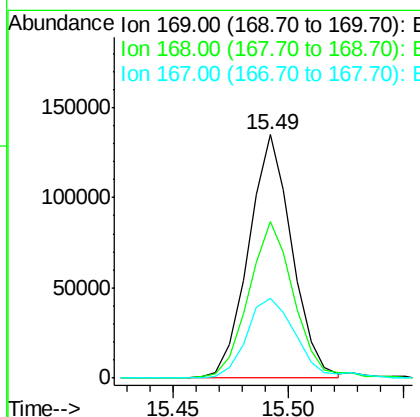
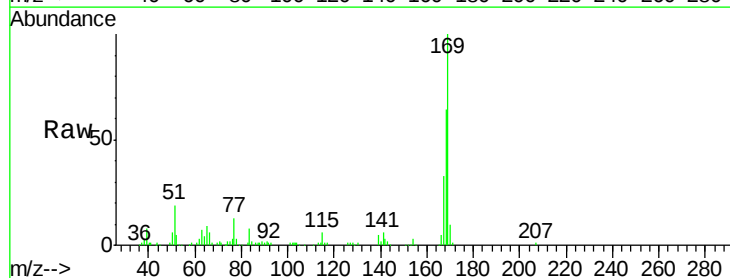
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01014

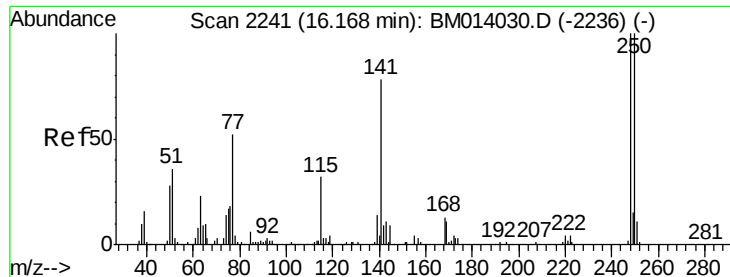
Tgt Ion:198 Resp: 30744  
 Ion Ratio Lower Upper  
 198 100  
 182 9.1 3.8 5.6#  
 77 31.3 25.2 37.8



#64  
 N-Nitrosodiphenylamine  
 Concen: 9.650 ng/ul  
 RT: 15.49 min Scan# 2126  
 Delta R.T. 0.00 min  
 Lab File: BM014029.D  
 Acq: 31 Jan 2018 12:05

Tgt Ion:169 Resp: 176293  
 Ion Ratio Lower Upper  
 169 100  
 168 64.4 54.0 81.0  
 167 32.8 29.1 43.7

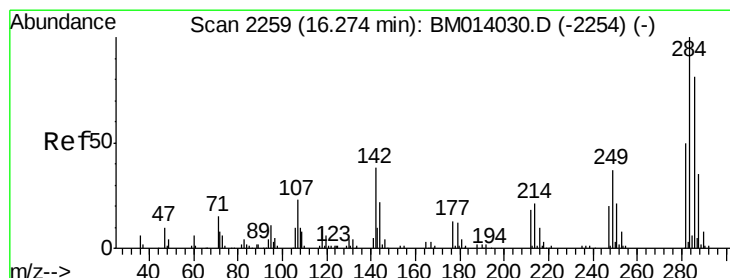
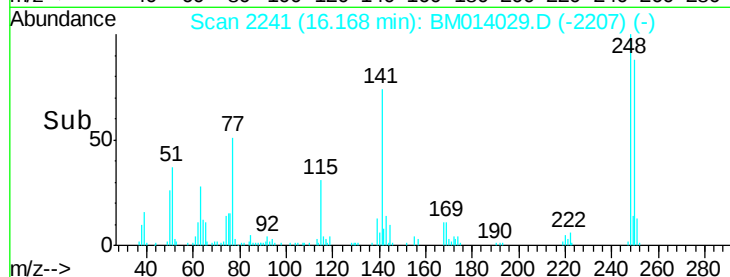
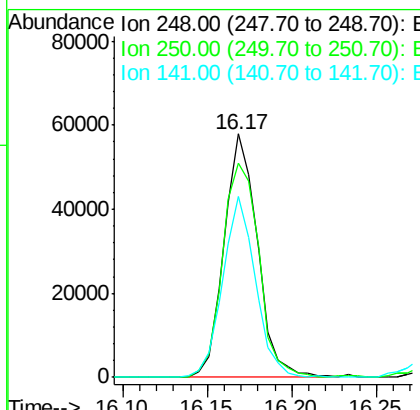
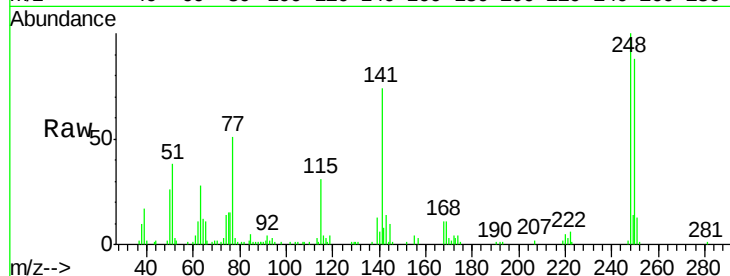




#65  
4-Bromophenyl-phenylether  
Concen: 10.840 ng/ul  
RT: 16.17 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

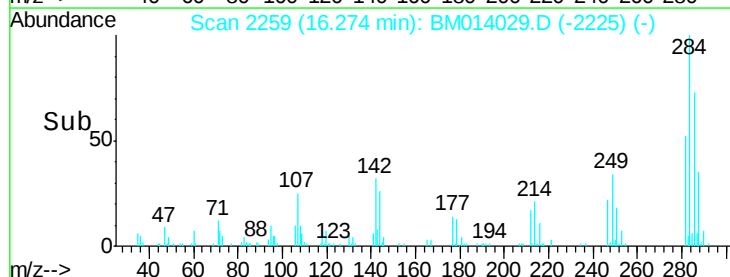
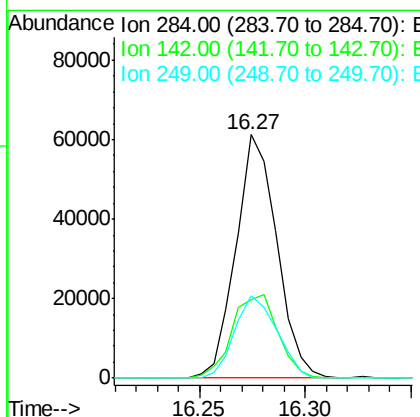
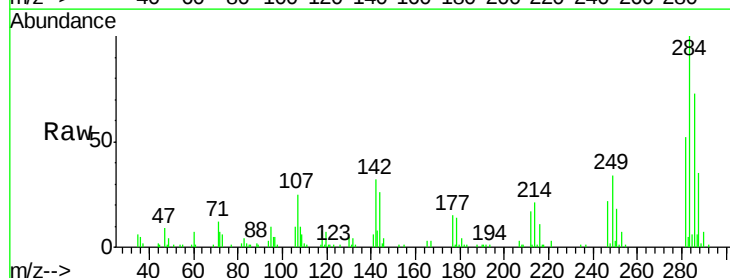
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

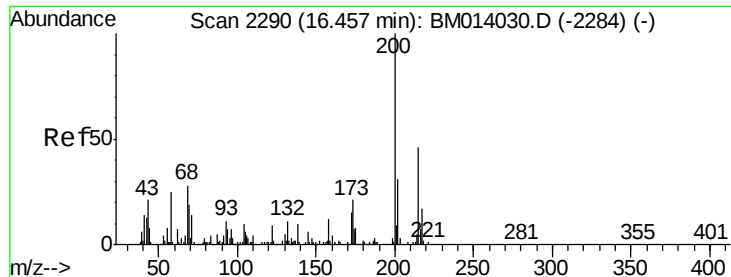
Tgt Ion:248 Resp: 79528  
Ion Ratio Lower Upper  
248 100  
250 88.1 80.5 120.7  
141 74.1 53.6 80.4



#66  
Hexachlorobenzene  
Concen: 10.444 ng/ul  
RT: 16.27 min Scan# 2259  
Delta R.T. 0.00 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

Tgt Ion:284 Resp: 82477  
Ion Ratio Lower Upper  
284 100  
142 32.3 21.2 31.8#  
249 33.8 24.5 36.7

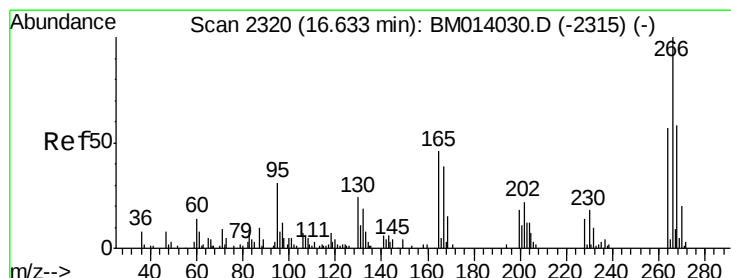
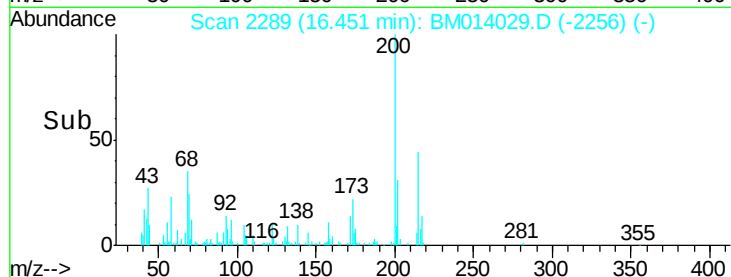
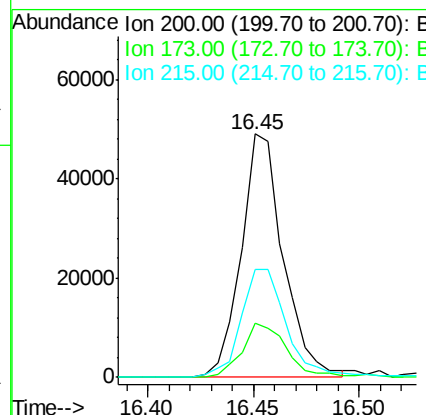
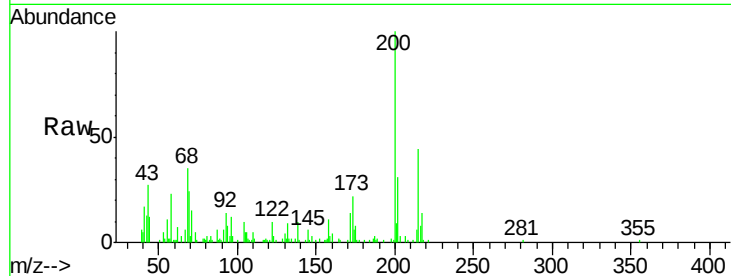




#67  
Atrazine  
Concen: 9.309 ng/u1  
RT: 16.45 min Scan# 2289  
Delta R.T. -0.01 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

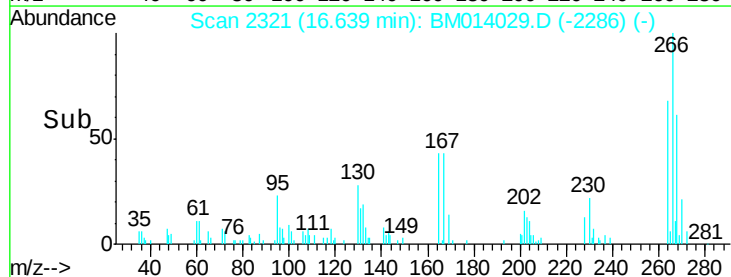
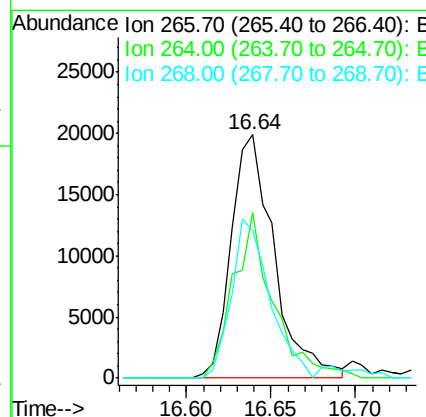
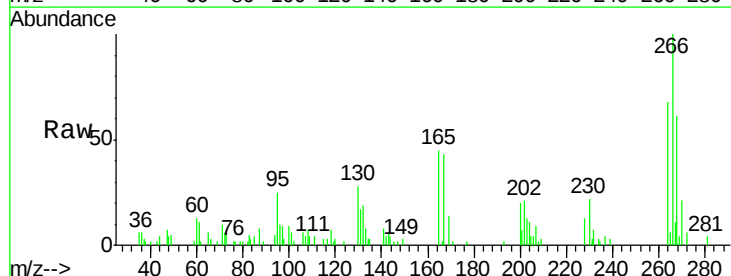
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD01014

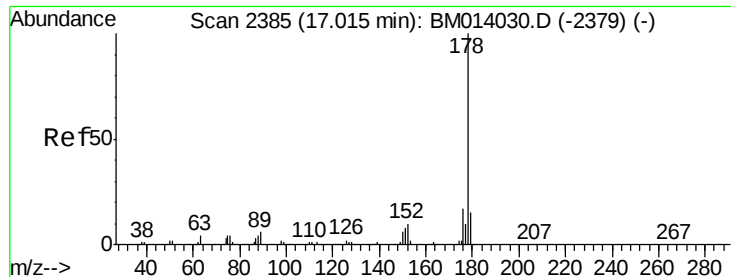
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.3  | 18.2  | 27.2  |
| 215     | 44.4  | 35.0  | 52.4  |



#68  
Pentachlorophenol  
Concen: 8.423 ng/u1  
RT: 16.64 min Scan# 2321  
Delta R.T. 0.01 min  
Lab File: BM014029.D  
Acq: 31 Jan 2018 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 73.6  | 49.3  | 73.9  |
| 268     | 64.8  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 10.222 ng/u1

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

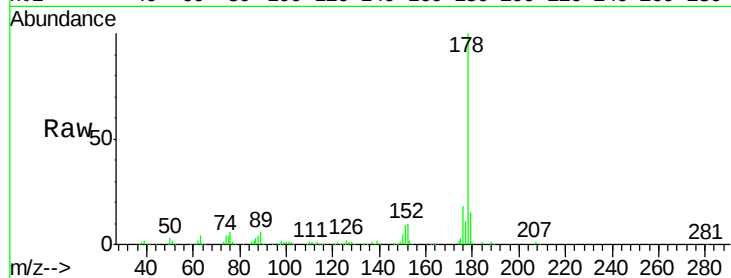
Tgt Ion:178 Resp: 352926

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

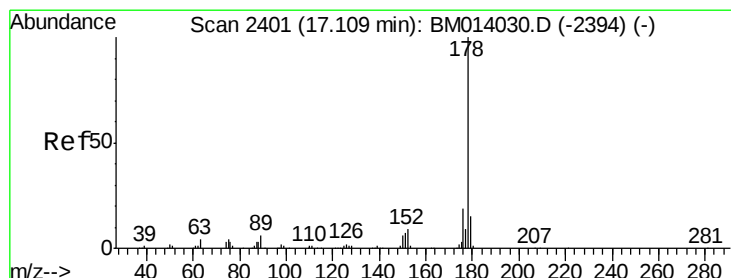
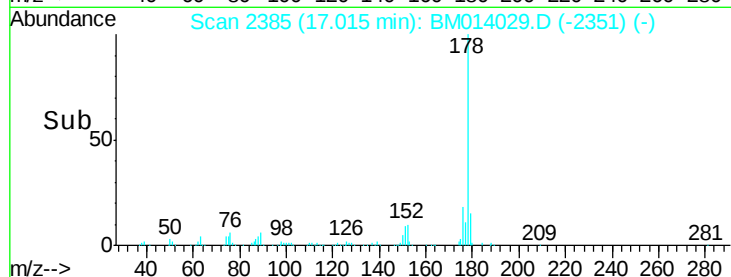
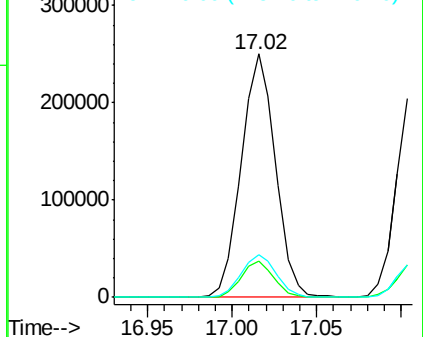
176 17.7 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 9.867 ng/u1

RT: 17.11 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

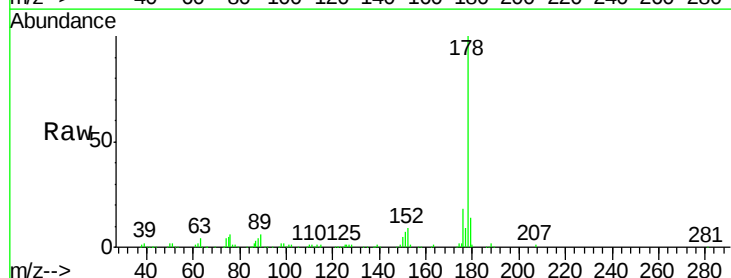
Tgt Ion:178 Resp: 351394

Ion Ratio Lower Upper

178 100

179 14.3 11.7 17.5

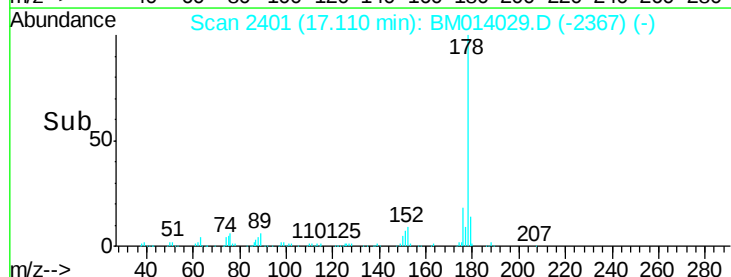
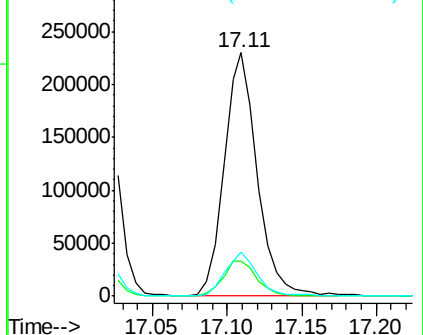
176 17.9 14.6 21.8

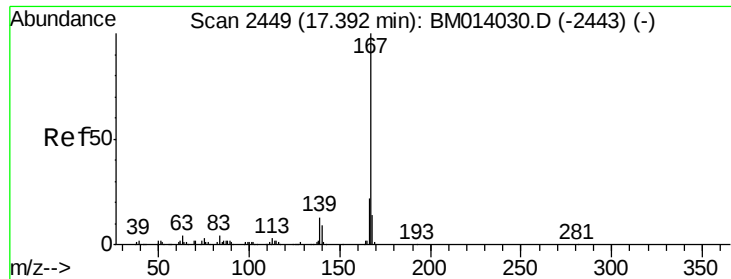


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 9.060 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

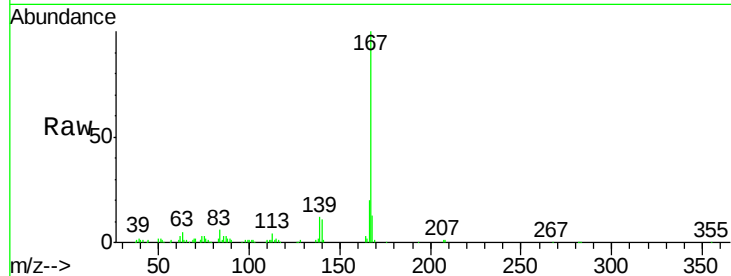
Tgt Ion:167 Resp: 266334

Ion Ratio Lower Upper

167 100

166 19.9 17.1 25.7

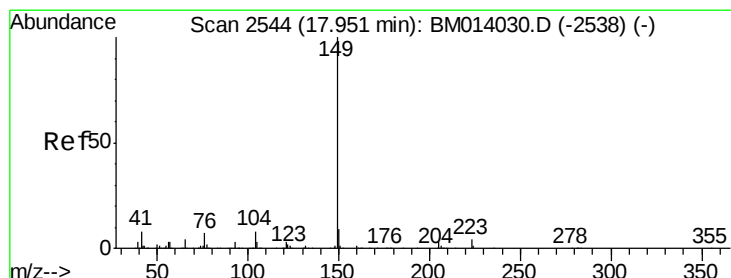
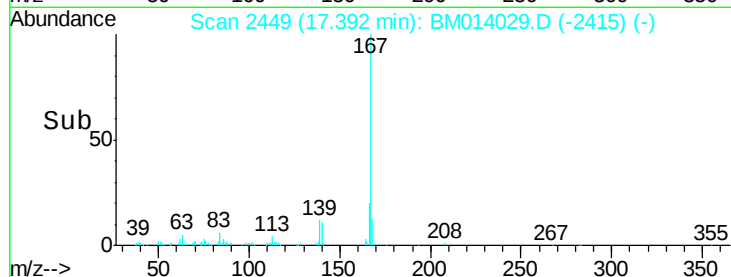
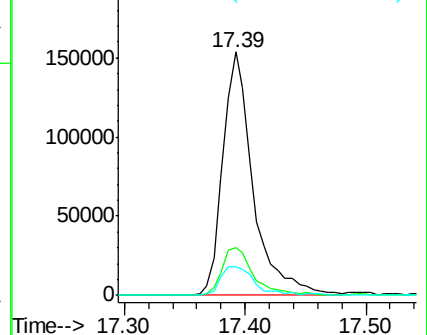
139 11.9 10.0 15.0



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



#73

Di-n-butylphthalate

Concen: 10.241 ng/ul

RT: 17.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

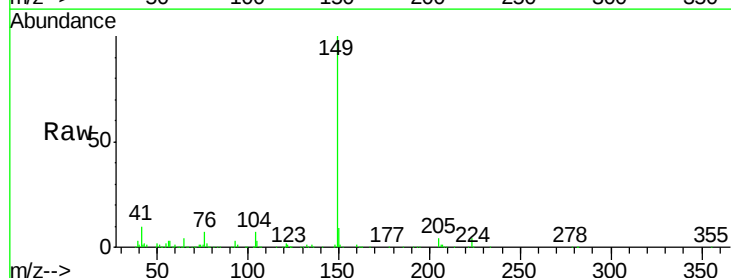
Tgt Ion:149 Resp: 354078

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

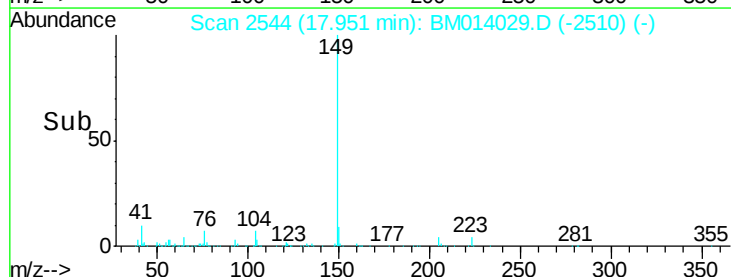
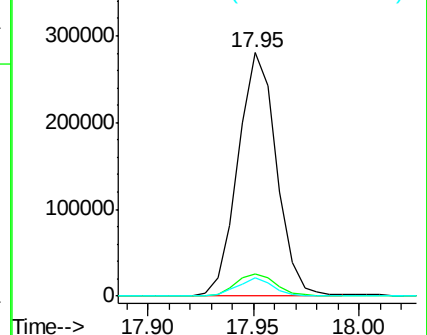
104 7.5 5.6 8.4

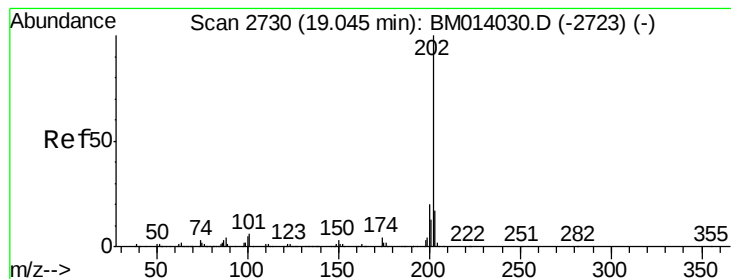


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.029 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

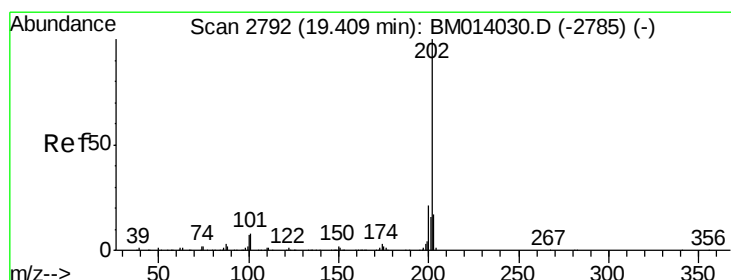
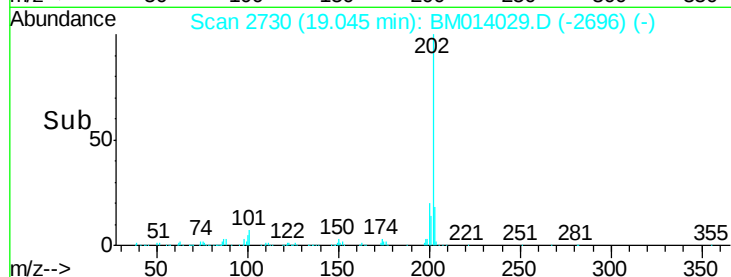
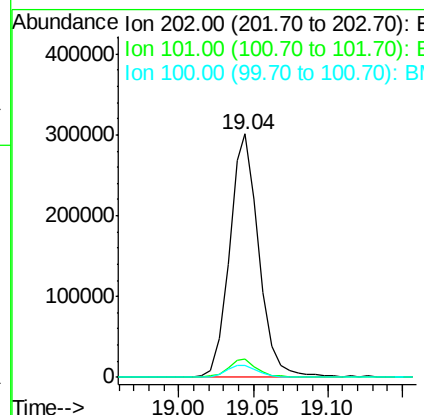
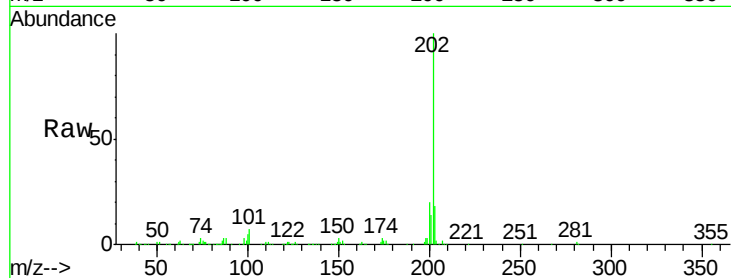
Instrument :

BNA\_M

ClientSampleId :

SSTD01014

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 413345 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.5   | 4.6   | 7.0#   |
| 100       | 4.9   | 3.4   | 5.2    |



#77

Pyrene

Concen: 9.578 ng/ul

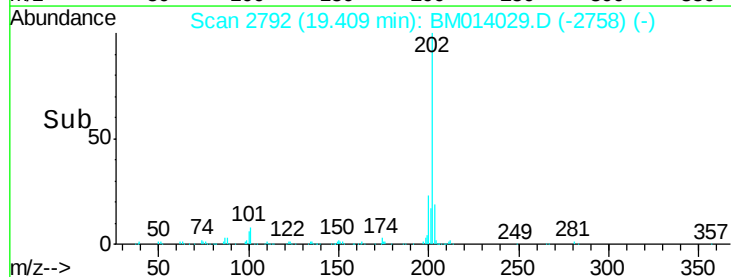
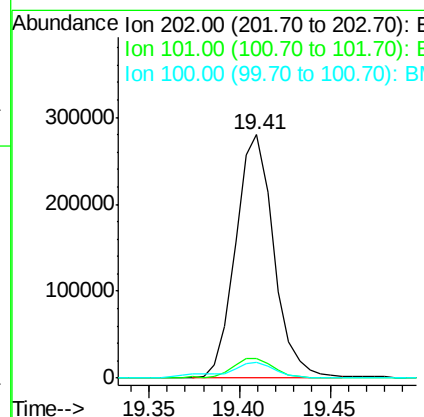
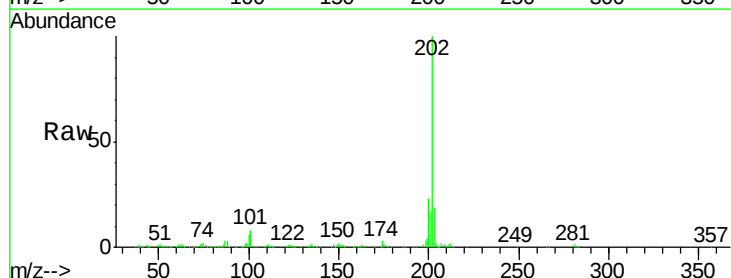
RT: 19.41 min Scan# 2792

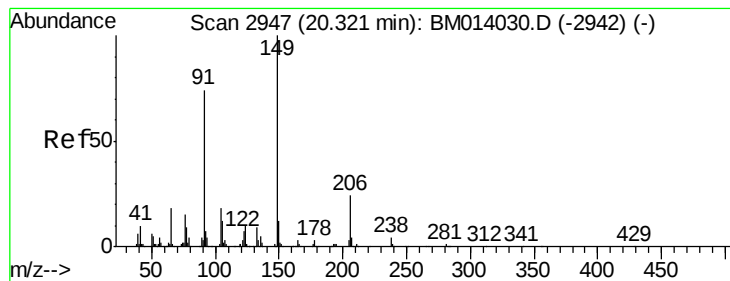
Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 407046 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 8.2   | 5.1   | 7.7#   |
| 100       | 6.5   | 4.9   | 7.3    |





#78

Butylbenzylphthalate

Concen: 10.741 ng/ul

RT: 20.32 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

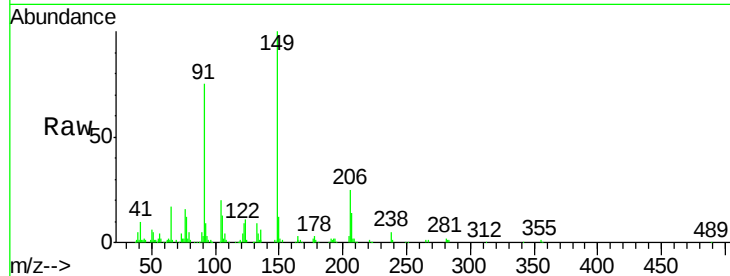
Tgt Ion:149 Resp: 160785

Ion Ratio Lower Upper

149 100

91 75.5 62.7 94.1

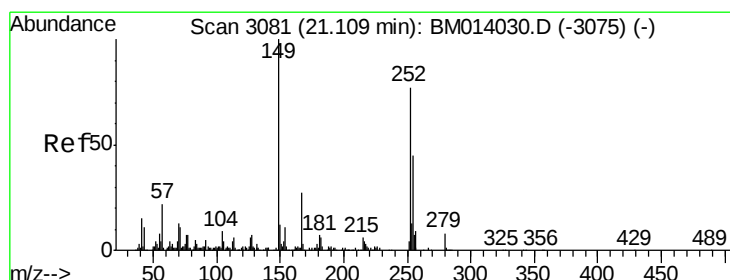
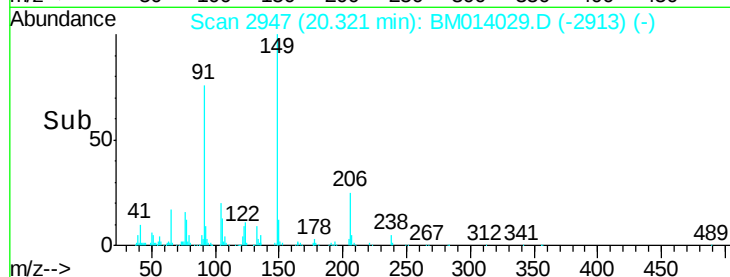
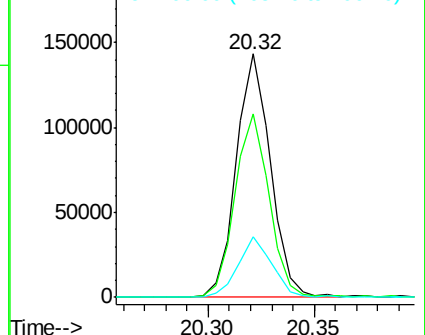
206 24.9 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 6.175 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

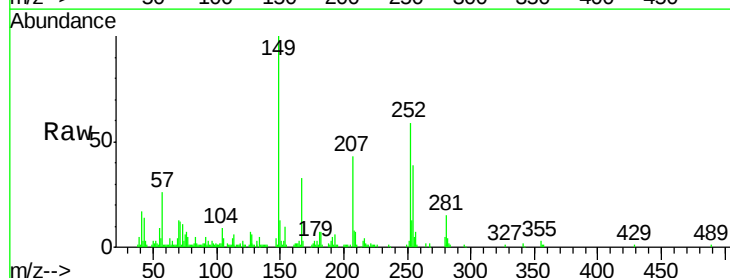
Tgt Ion:252 Resp: 71411

Ion Ratio Lower Upper

252 100

254 66.1 54.5 81.7

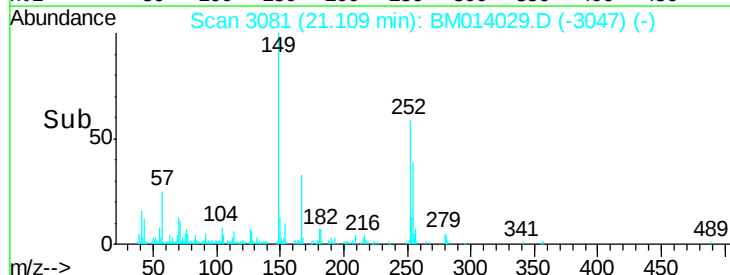
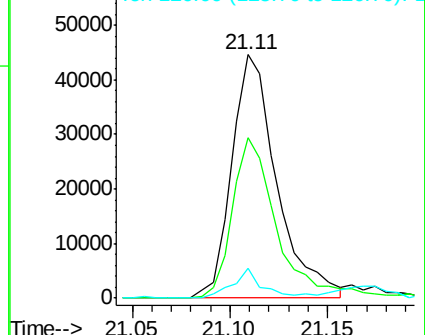
126 12.2 5.8 8.8#

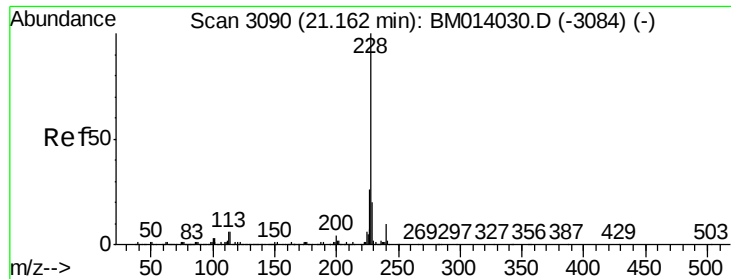


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 10.115 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

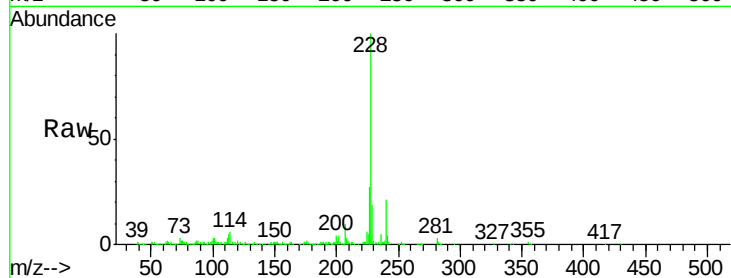
Tgt Ion:228 Resp: 427236

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

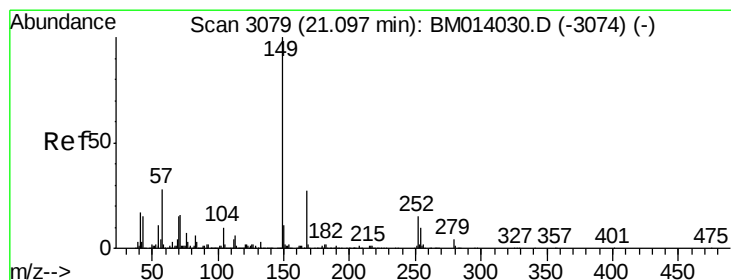
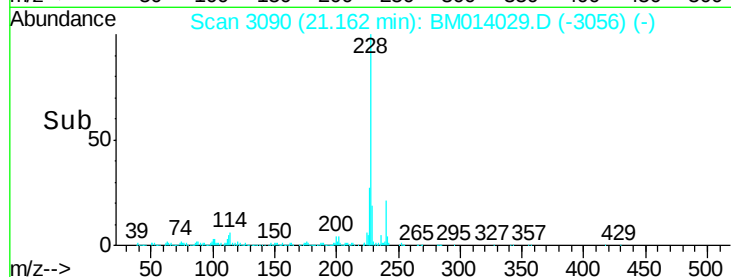
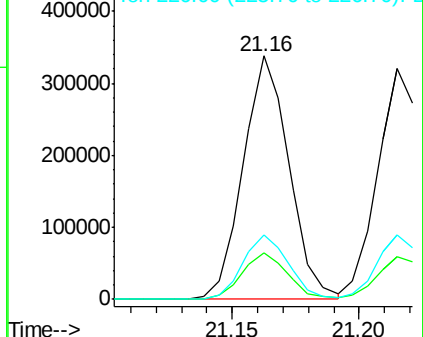
226 26.6 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 10.210 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

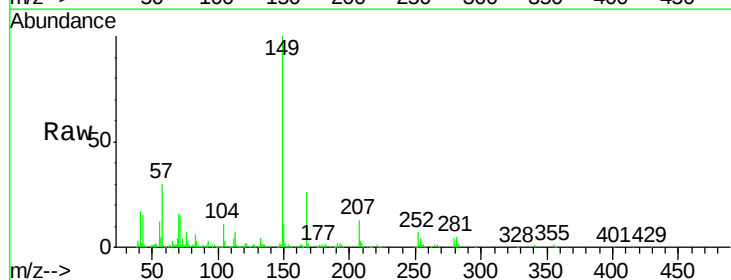
Tgt Ion:149 Resp: 229302

Ion Ratio Lower Upper

149 100

167 26.4 22.8 34.2

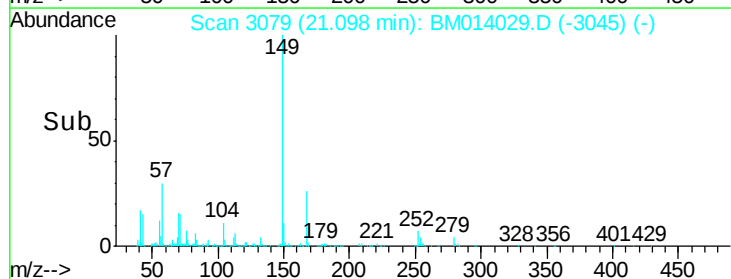
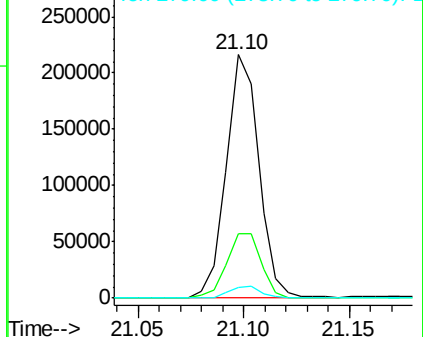
279 4.3 4.9 7.3#

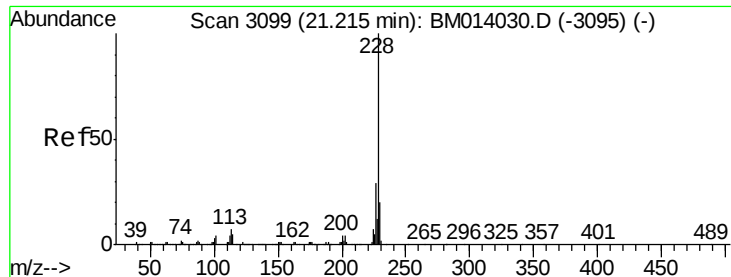


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 10.628 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

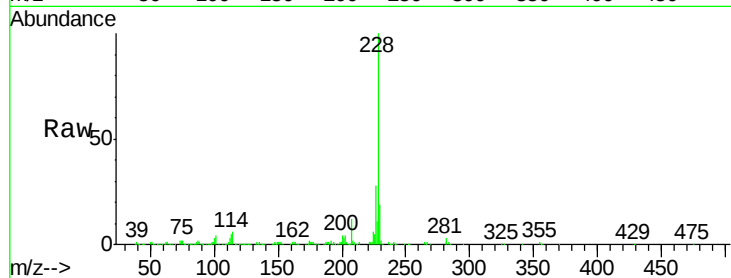
BNA\_M

ClientSampleId :

SSTD01014

Tgt Ion:228 Resp: 411817

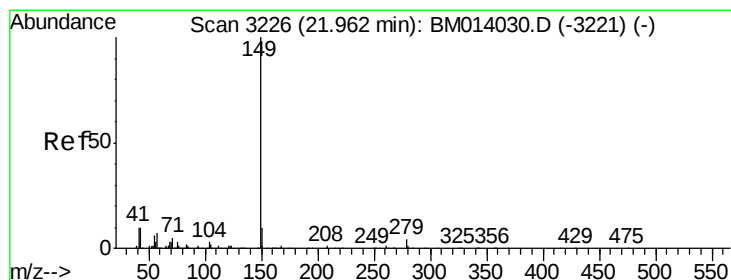
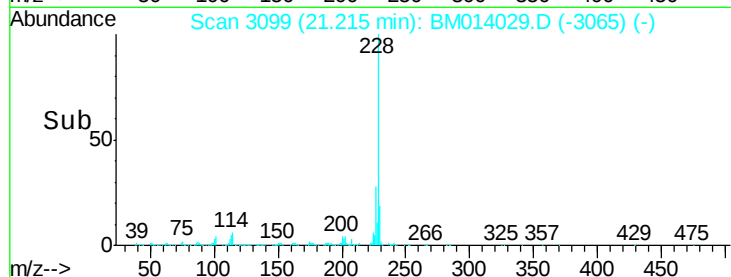
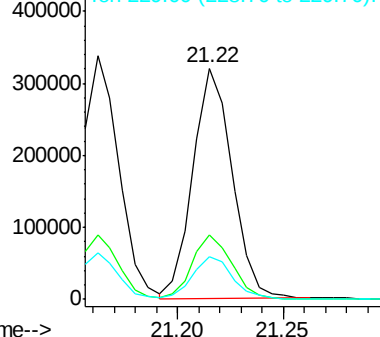
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 23.4  | 35.2  |
| 229 | 18.6  | 15.5  | 23.3  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 9.746 ng/ul

RT: 21.96 min Scan# 3226

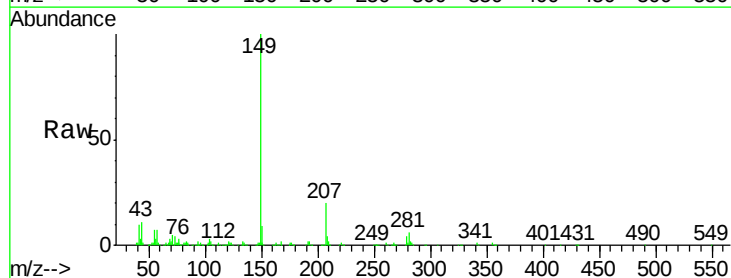
Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Tgt Ion:149 Resp: 377590

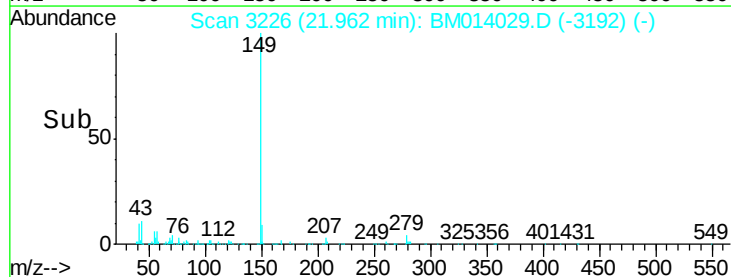
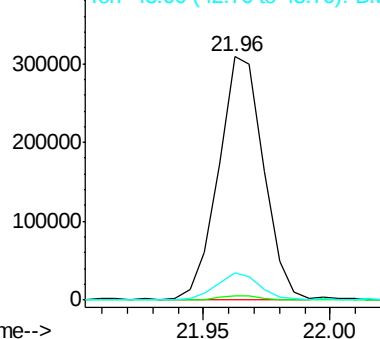
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.3   | 1.9   |
| 43  | 11.4  | 7.3   | 10.9  |

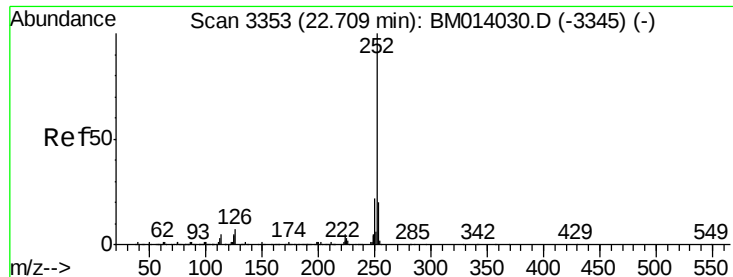


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 10.178 ng/u1

RT: 22.71 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

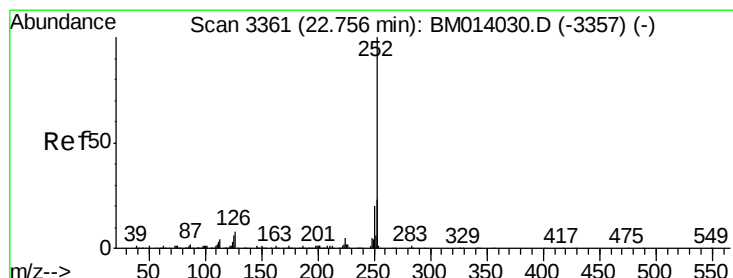
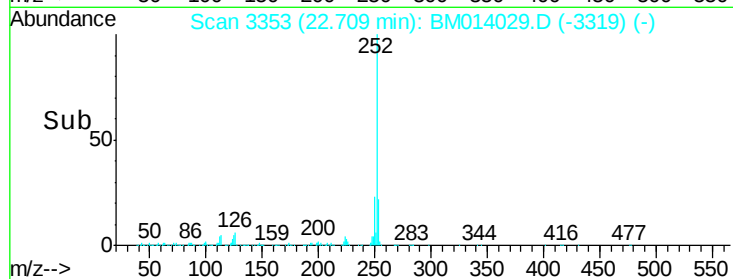
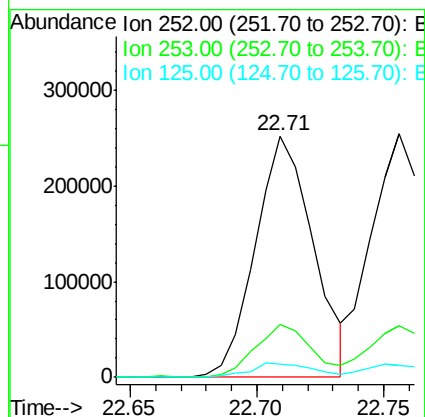
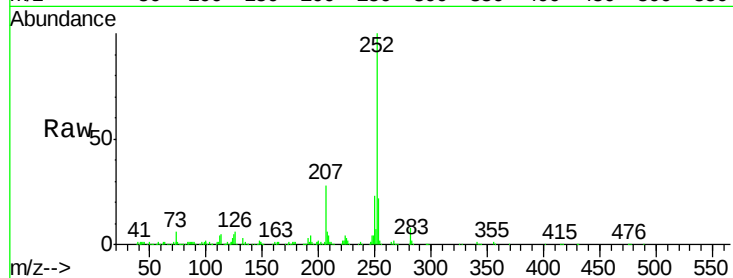
Instrument :

BNA\_M

ClientSampleId :

SSTD01014

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 401825 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.9  | 17.9  | 26.9   |
| 125      | 5.3   | 3.6   | 5.4    |



#86

Benzo(k)fluoranthene

Concen: 10.437 ng/u1

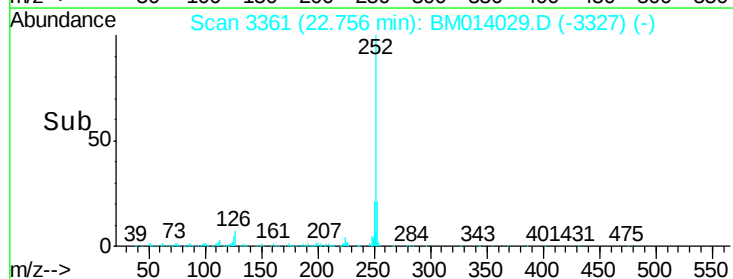
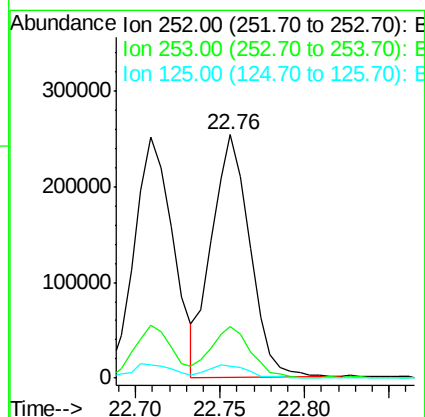
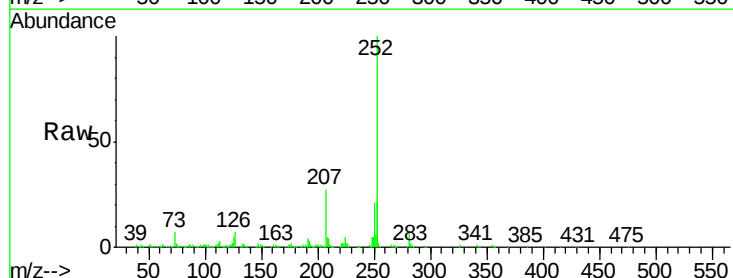
RT: 22.76 min Scan# 3361

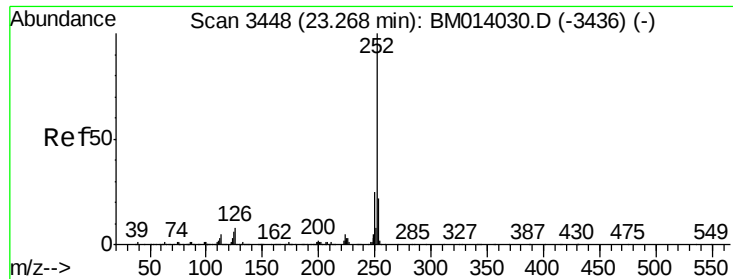
Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 398286 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.1  | 17.1  | 25.7   |
| 125      | 4.9   | 3.4   | 5.2    |





#88

Benzo(a)pyrene

Concen: 10.198 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

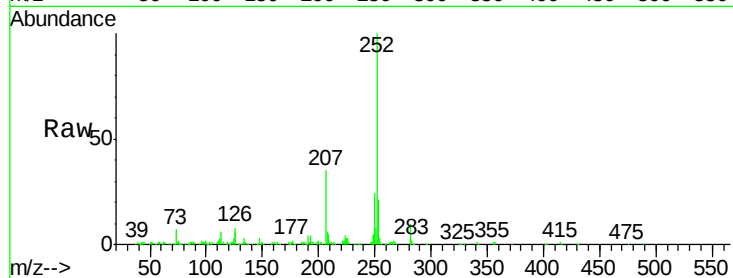
Tgt Ion:252 Resp: 380349

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

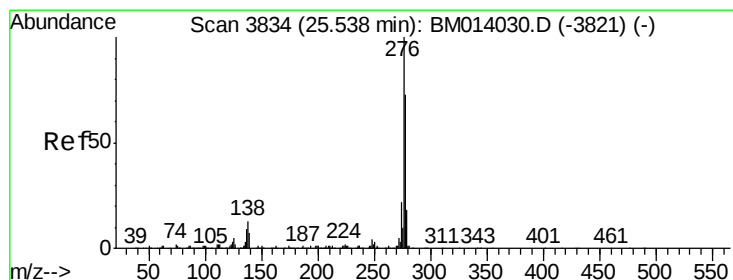
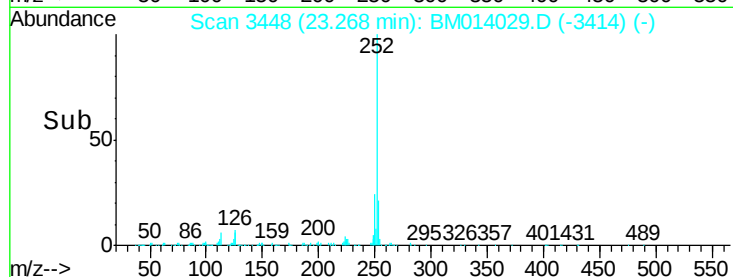
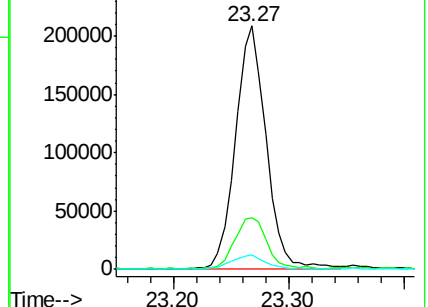
125 5.9 4.0 6.0



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: 9.077 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

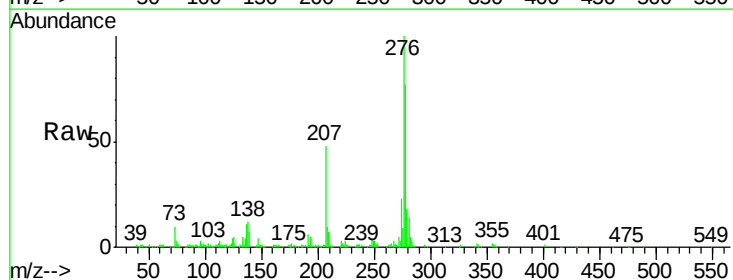
Tgt Ion:276 Resp: 399618

Ion Ratio Lower Upper

276 100

138 12.4 9.3 13.9

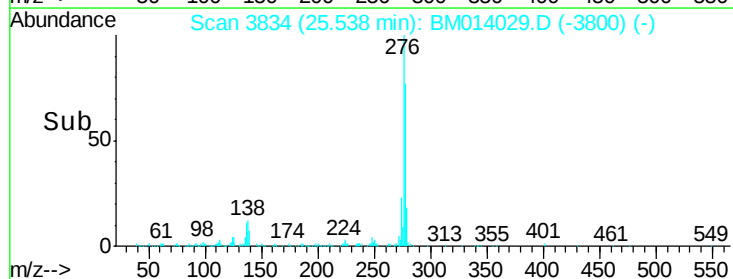
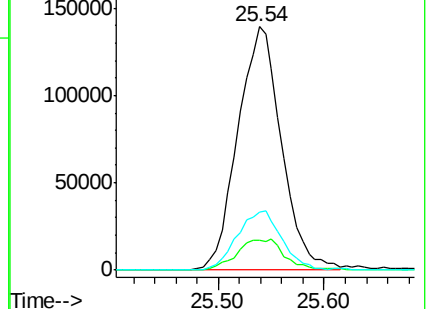
277 23.8 19.9 29.9

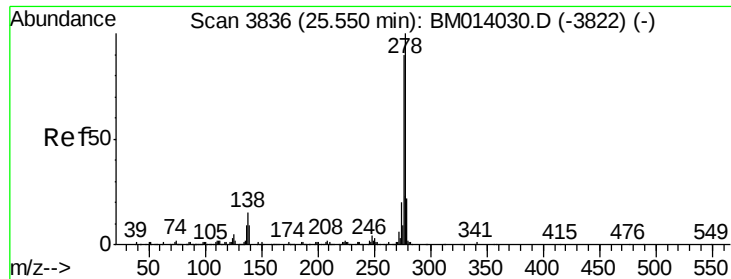


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 9.231 ng/ul

RT: 25.55 min Scan# 3836

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

Instrument :

BNA\_M

ClientSampleId :

SSTD01014

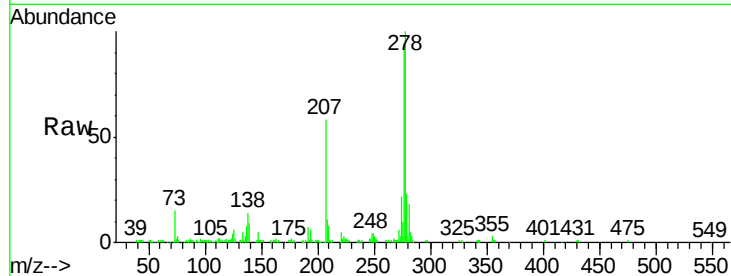
Tgt Ion:278 Resp: 343180

Ion Ratio Lower Upper

278 100

139 9.1 5.8 8.8#

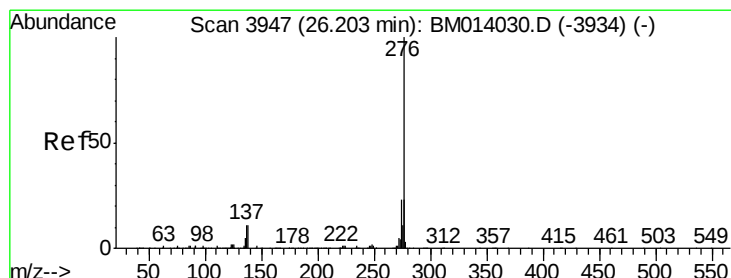
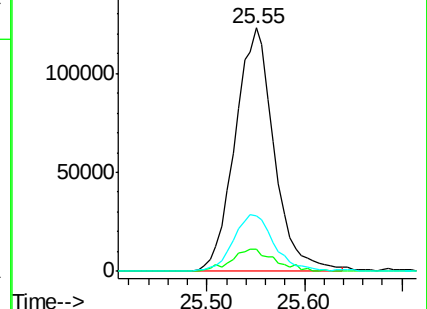
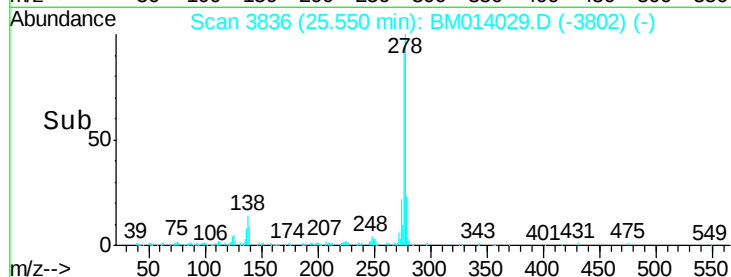
279 22.7 18.6 27.8



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: 9.088 ng/ul

RT: 26.20 min Scan# 3947

Delta R.T. 0.00 min

Lab File: BM014029.D

Acq: 31 Jan 2018 12:05

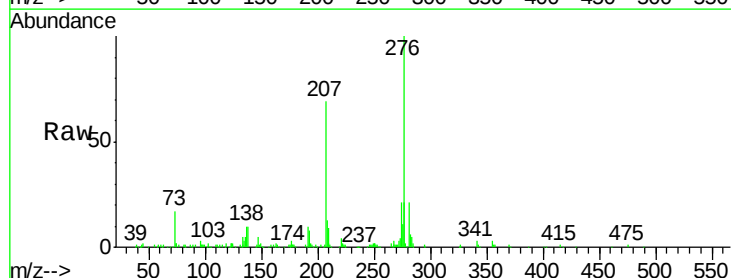
Tgt Ion:276 Resp: 329277

Ion Ratio Lower Upper

276 100

138 9.7 8.5 12.7

277 21.4 18.6 28.0



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

