

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\  
 Data File : BM005107.D  
 Acq On : 27 Apr 2016 21:19  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02048

Quant Time: Apr 28 04:18:23 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 28 04:13:24 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 74351    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 346970   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 212292   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 476593   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 426787   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 335191   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 12671  | 8.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.97  | 99  | 131673 | 21.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 74952  | 21.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 103655 | 21.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 109900 | 21.08 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 51011  | 21.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 57458  | 21.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 109689 | 21.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 143177 | 23.98 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 339864 | 20.27 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 416403 | 20.86 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 54294  | 18.53 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.43 | 176 | 297519 | 20.19 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 45702  | 16.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.28 | 188 | 445979 | 20.87 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.58 | 212 | 465942 | 23.98 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 317338 | 21.13 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Ovalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.33  | 88  | 23396  | 8.62  | ng/uL | 97     |
| 4) Benzaldehyde                | 6.95  | 77  | 78701  | 25.77 | ng/ul | 98     |
| 6) Phenol                      | 6.99  | 94  | 137353 | 21.42 | ng/ul | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.22  | 93  | 104634 | 21.29 | ng/ul | 97     |
| 10) 2-Chlorophenol             | 7.36  | 128 | 105630 | 21.12 | ng/ul | 97     |
| 11) 2-Methylphenol             | 8.24  | 108 | 105528 | 21.09 | ng/ul | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.33  | 45  | 134347 | 21.13 | ng/ul | 100    |
| 14) Acetophenone               | 8.62  | 105 | 170294 | 21.70 | ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.60  | 70  | 84354  | 21.46 | ng/ul | 97     |
| 16) 4-Methylphenol             | 8.57  | 108 | 118691 | 21.31 | ng/ul | 95     |
| 17) Hexachloroethane           | 8.87  | 117 | 40475  | 20.33 | ng/ul | 94     |
| 20) Nitrobenzene               | 9.00  | 77  | 125539 | 21.23 | ng/ul | 98     |
| 21) Isophorone                 | 9.52  | 82  | 236957 | 21.10 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.70  | 139 | 62416  | 21.42 | ng/ul | 91     |
| 24) 2,4-Dimethylphenol         | 9.76  | 107 | 130550 | 20.81 | ng/ul | 99     |
| 25) Bis(2-Chloroethoxy)methane | 10.00 | 93  | 149591 | 21.43 | ng/ul | 99     |
| 27) 2,4-Dichlorophenol         | 10.23 | 162 | 111772 | 21.35 | ng/ul | 99     |
| 28) Naphthalene                | 10.63 | 128 | 358318 | 20.48 | ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.75 | 127 | 146787 | 24.15 | ng/ul | 98     |
| 31) Hexachlorobutadiene        | 10.92 | 225 | 67491  | 19.54 | ng/ul | 96     |
| 32) Caprolactam                | 11.51 | 113 | 34894  | 19.27 | ng/ul | 94     |
| 33) 4-Chloro-3-methylphenol    | 11.87 | 107 | 127321 | 21.27 | ng/ul | 99     |
| 34) 2-Methylnaphthalene        | 12.25 | 142 | 267083 | 20.62 | ng/ul | 100    |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\  
 Data File : BM005107.D  
 Acq On : 27 Apr 2016 21:19  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

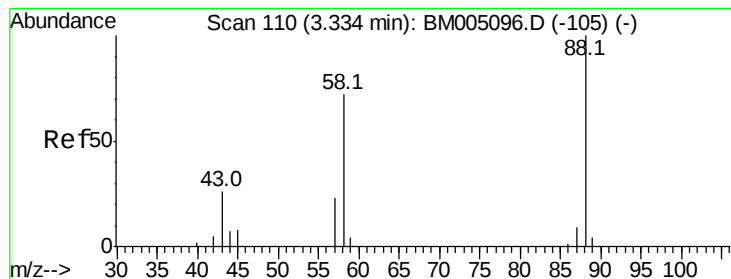
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02048

Quant Time: Apr 28 04:18:23 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 28 04:13:24 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216  | 136452   | 20.58 | ng/ul | 99       |
| 37) Hexachlorocyclopentadiene  | 12.60 | 237  | 67662    | 17.19 | ng/ul | 95       |
| 38) 2,4,6-Trichlorophenol      | 12.86 | 196  | 90923    | 21.55 | ng/ul | 98       |
| 39) 2,4,5-Trichlorophenol      | 12.93 | 196  | 101061   | 21.39 | ng/ul | 99       |
| 40) 1,1'-Biphenyl              | 13.26 | 154  | 354766   | 21.12 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.31 | 162  | 267178   | 20.91 | ng/ul | 99       |
| 42) 2-Nitroaniline             | 13.52 | 65   | 77886    | 22.48 | ng/ul | 96       |
| 44) Dimethylphthalate          | 13.89 | 163  | 337676   | 20.08 | ng/ul | 100      |
| 45) 2,6-Dinitrotoluene         | 14.02 | 165  | 67638    | 20.83 | ng/ul | 92       |
| 47) Acenaphthylene             | 14.16 | 152  | 447449   | 21.18 | ng/ul | 100      |
| 48) 3-Nitroaniline             | 14.34 | 138  | 73026    | 22.11 | ng/ul | 99       |
| 49) Acenaphthene               | 14.50 | 153  | 290747   | 20.92 | ng/ul | 99       |
| 50) 2,4-Dinitrophenol          | 14.56 | 184  | 23473    | 12.38 | ng/ul | 97       |
| 52) 4-Nitrophenol              | 14.66 | 109  | 45717    | 17.45 | ng/ul | 95       |
| 53) Dibenzofuran               | 14.84 | 168  | 419609   | 20.47 | ng/ul | 100      |
| 54) 2,4-Dinitrotoluene         | 14.80 | 165  | 99595    | 20.19 | ng/ul | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 83443    | 20.34 | ng/ul | 97       |
| 56) Diethylphthalate           | 15.26 | 149  | 341763   | 20.14 | ng/ul | 100      |
| 58) Fluorene                   | 15.49 | 166  | 330368   | 20.76 | ng/ul | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.48 | 204  | 164303   | 20.46 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.51 | 138  | 72463    | 20.34 | ng/ul | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 49193    | 17.23 | ng/ul | 98       |
| 64) N-Nitrosodiphenylamine     | 15.70 | 169  | 290628   | 22.18 | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.37 | 248  | 99510    | 21.39 | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.49 | 284  | 108133   | 20.41 | ng/ul | 99       |
| 67) Atrazine                   | 16.64 | 200  | 104254   | 21.60 | ng/ul | 97       |
| 68) Pentachlorophenol          | 16.84 | 266  | 55179    | 18.06 | ng/ul | 99       |
| 69) Phenanthrene               | 17.23 | 178  | 525324   | 20.71 | ng/ul | 100      |
| 71) Anthracene                 | 17.32 | 178  | 539882   | 21.11 | ng/ul | 100      |
| 72) Carbazole                  | 17.59 | 167  | 475805   | 21.70 | ng/ul | 100      |
| 73) Di-n-butylphthalate        | 18.14 | 149  | 558976   | 21.77 | ng/ul | 100      |
| 74) Fluoranthene               | 19.24 | 202  | 584237   | 20.93 | ng/ul | 100      |
| 77) Pyrene                     | 19.61 | 202  | 594097   | 24.10 | ng/ul | 100      |
| 78) Butylbenzylphthalate       | 20.50 | 149  | 241199   | 25.44 | ng/ul | 100      |
| 79) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 156027   | 20.44 | ng/ul | 100      |
| 80) Benzo(a)anthracene         | 21.36 | 228  | 510310   | 20.89 | ng/ul | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.28 | 149  | 337240   | 25.32 | ng/ul | 100      |
| 82) Chrysene                   | 21.41 | 228  | 478476   | 20.47 | ng/ul | 99       |
| 84) Di-n-octyl phthalate       | 22.17 | 149  | 532806   | 25.57 | ng/ul | 99       |
| 85) Benzo(b)fluoranthene       | 22.97 | 252  | 436996   | 21.64 | ng/ul | 100      |
| 86) Benzo(k)fluoranthene       | 23.01 | 252  | 403911   | 20.57 | ng/ul | 100      |
| 88) Benzo(a)pyrene             | 23.56 | 252  | 394178   | 20.91 | ng/ul | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.97 | 276  | 428635   | 23.83 | ng/ul | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.97 | 278  | 363970   | 24.22 | ng/ul | 98       |
| 91) Benzo(g,h,i)perylene       | 26.67 | 276  | 361874   | 24.59 | ng/ul | 97       |

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





#2

1,4-Dioxane

Concen: 8.62 ng/uL

RT: 3.33 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

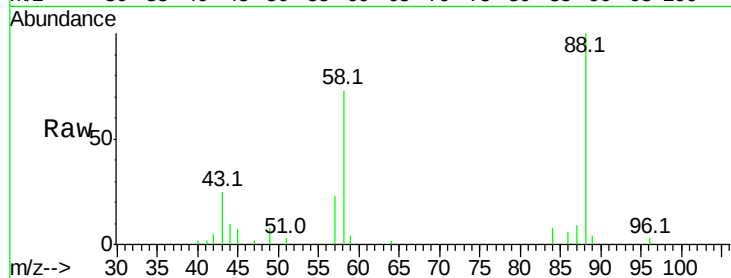
Tot Ion: 88 Resp: 23396

Ion Ratio Lower Upper

88 100

43 27.1 23.0 34.4

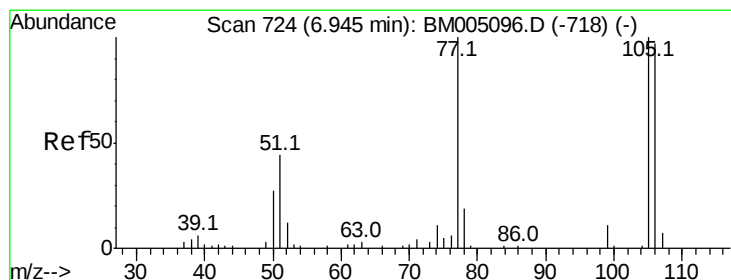
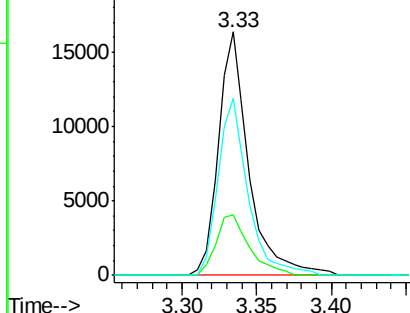
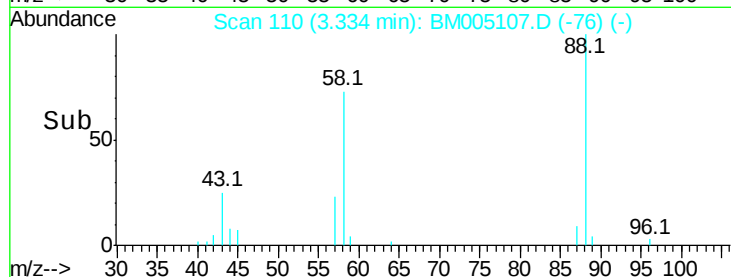
58 71.3 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): BM005107.D (-76) (-)

Ion 43.00 (42.70 to 43.70): BM005107.D (-76) (-)

Ion 58.00 (57.70 to 58.70): BM005107.D (-76) (-)



#4

Benzaldehyde

Concen: 25.77 ng/uL

RT: 6.95 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

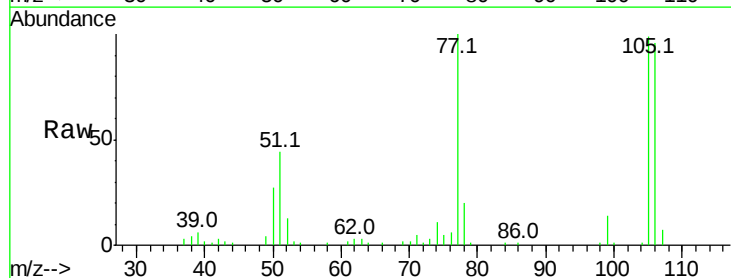
Tgt Ion: 77 Resp: 78701

Ion Ratio Lower Upper

77 100

105 98.8 81.3 121.9

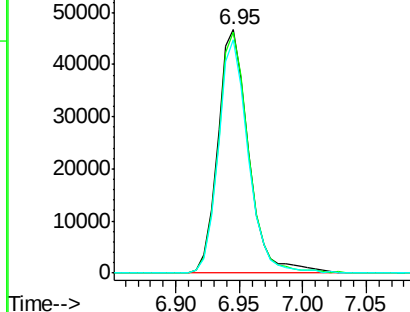
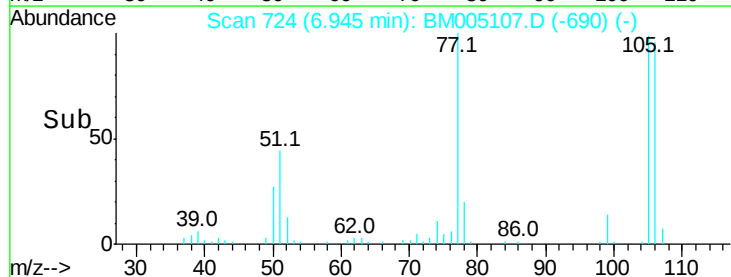
106 95.9 77.2 115.8

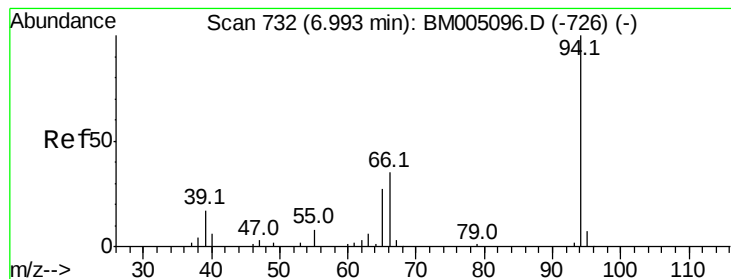


Abundance Ion 77.00 (76.70 to 77.70): BM005107.D (-690) (-)

Ion 105.00 (104.70 to 105.70): BM005107.D (-690) (-)

Ion 106.00 (105.70 to 106.70): BM005107.D (-690) (-)





#6

Phenol

Concen: 21.42 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

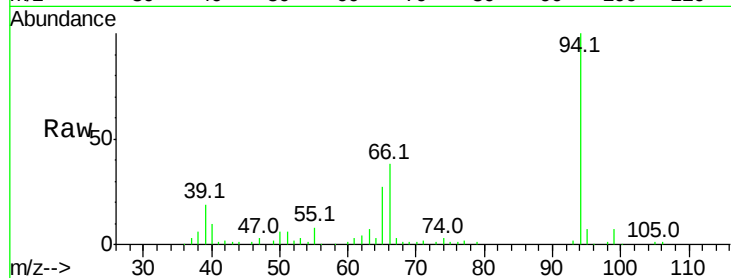
Tot Ion: 94 Resp: 137353

Ion Ratio Lower Upper

94 100

65 27.2 21.6 32.4

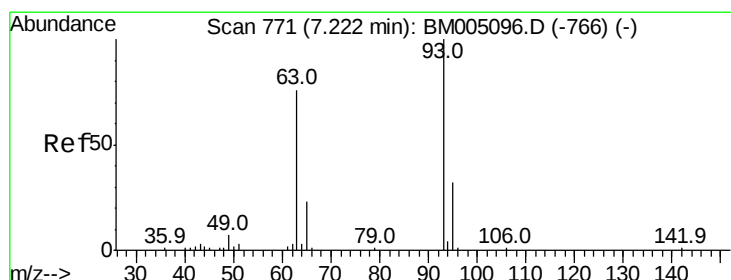
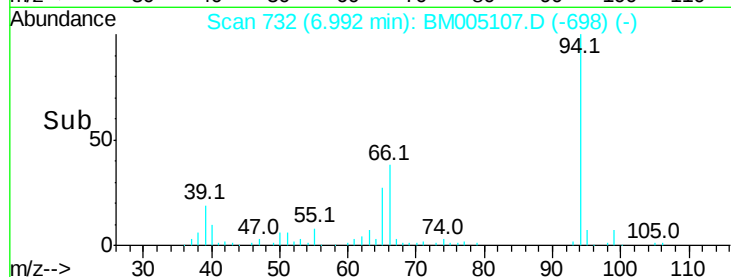
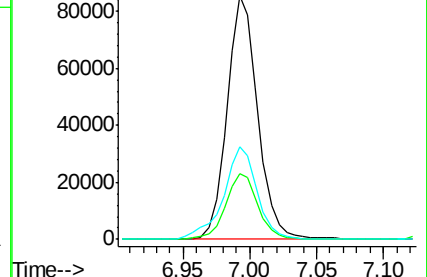
66 38.0 29.6 44.4



Abundance Ion 94.00 (93.70 to 94.70): BM005107.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM005107.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM005107.D (-732) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 21.29 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

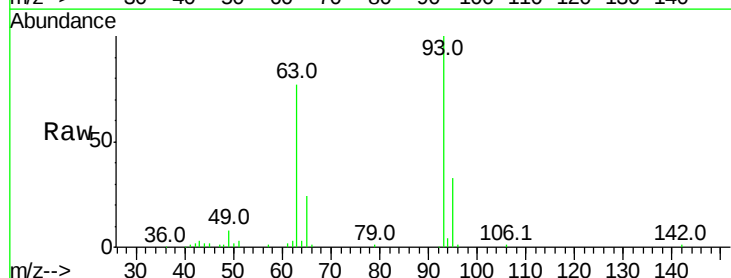
Tgt Ion: 93 Resp: 104634

Ion Ratio Lower Upper

93 100

63 76.9 59.3 88.9

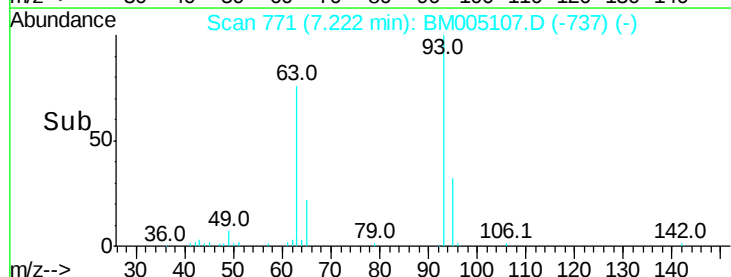
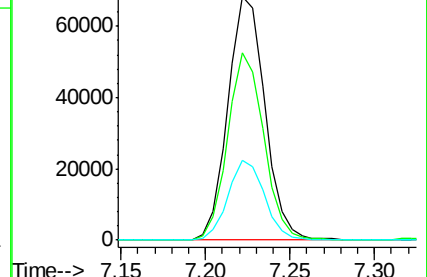
95 32.6 25.4 38.0

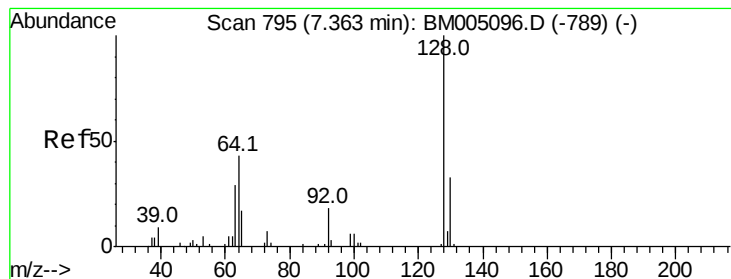


Abundance Ion 93.00 (92.70 to 93.70): BM005107.D (-771) (-)

Ion 63.00 (62.70 to 63.70): BM005107.D (-771) (-)

Ion 95.00 (94.70 to 95.70): BM005107.D (-771) (-)





#10

2-Chlorophenol

Concen: 21.12 ng/ul

RT: 7.36 min Scan# 795

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

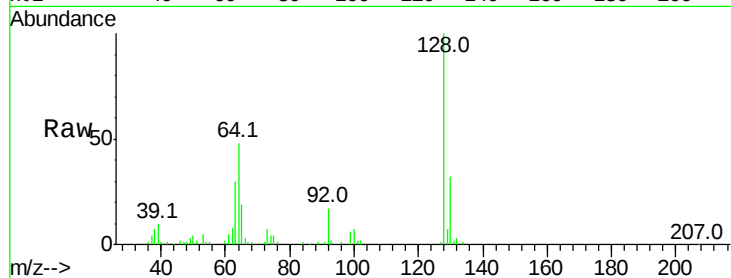
Tot Ion:128 Resp: 105630

Ion Ratio Lower Upper

128 100

64 47.5 35.7 53.5

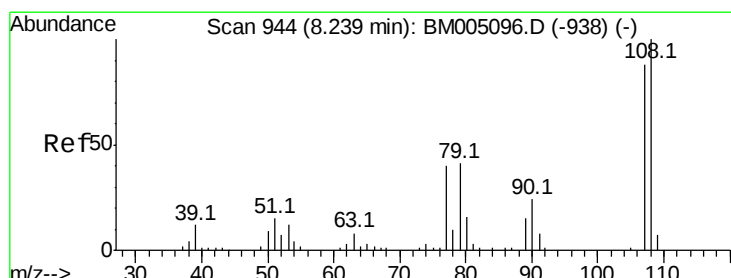
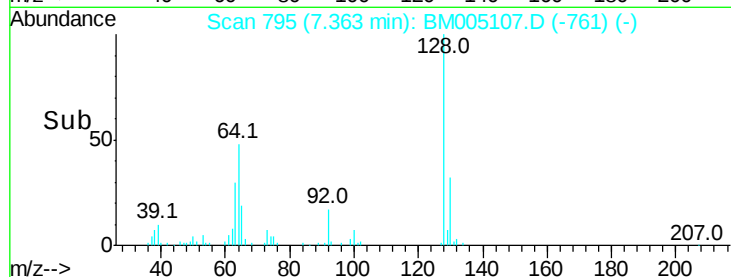
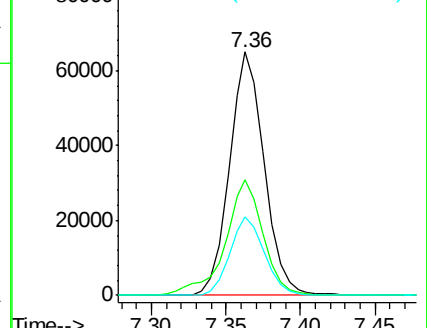
130 32.4 25.9 38.9



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: 21.09 ng/ul

RT: 8.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BM005107.D

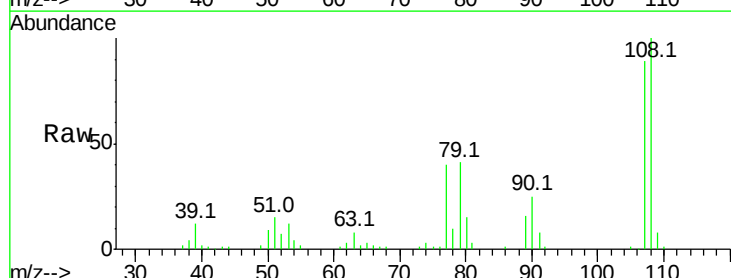
Acq: 27 Apr 2016 21:19

Tgt Ion:108 Resp: 105528

Ion Ratio Lower Upper

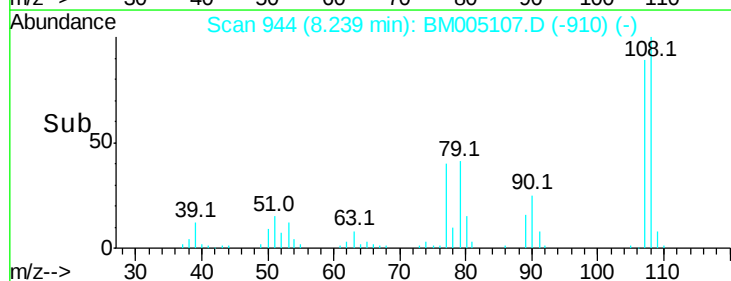
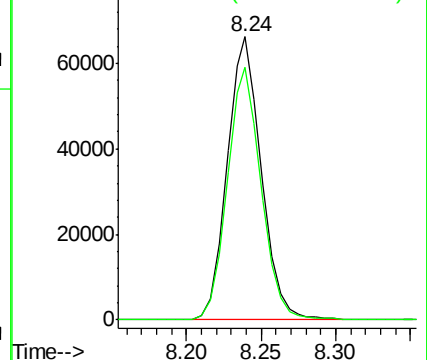
108 100

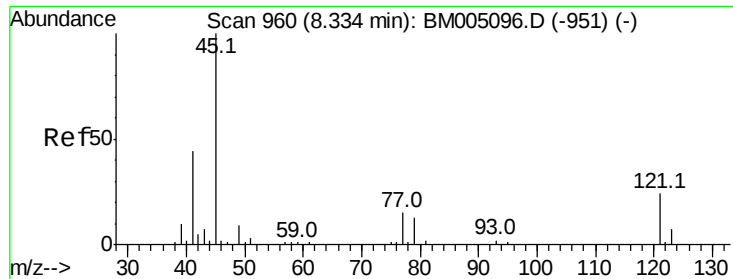
107 89.2 69.4 104.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 21.13 ng/ul

RT: 8.33 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

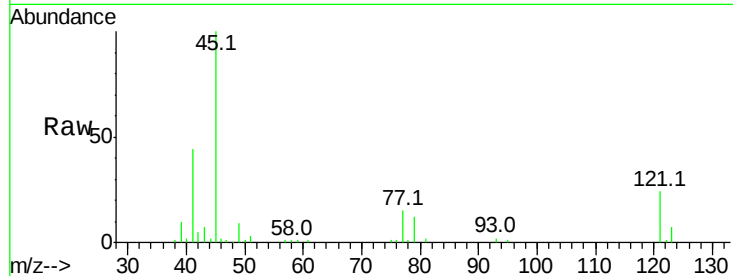
Tot Ion: 45 Resp: 134347

Ion Ratio Lower Upper

45 100

77 15.5 12.6 18.8

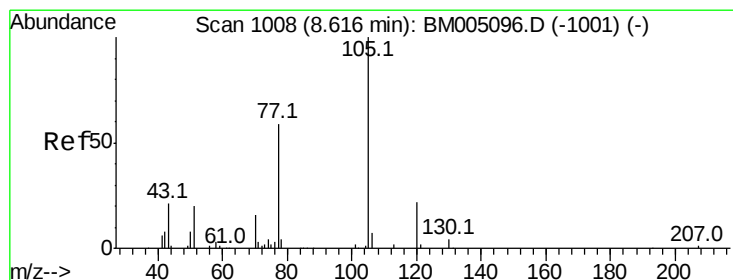
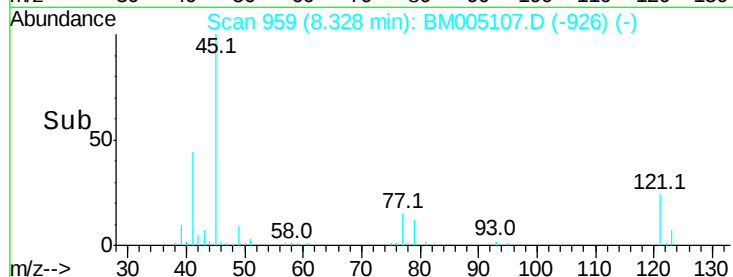
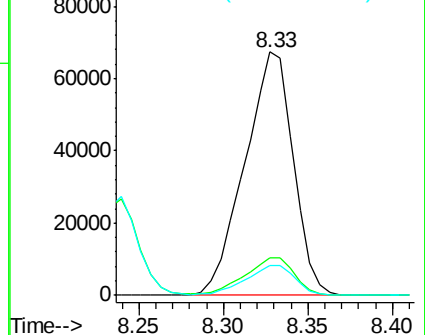
79 12.4 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): BM005096.D (-951) (-)

Ion 77.00 (76.70 to 77.70): BM005096.D (-951) (-)

Ion 79.00 (78.70 to 79.70): BM005096.D (-951) (-)



#14

Acetophenone

Concen: 21.70 ng/ul

RT: 8.62 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

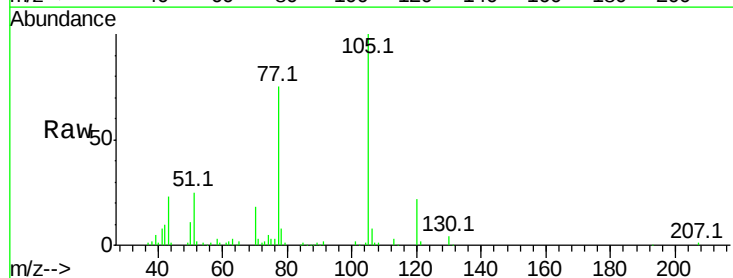
Tgt Ion:105 Resp: 170294

Ion Ratio Lower Upper

105 100

77 74.9 61.4 92.0

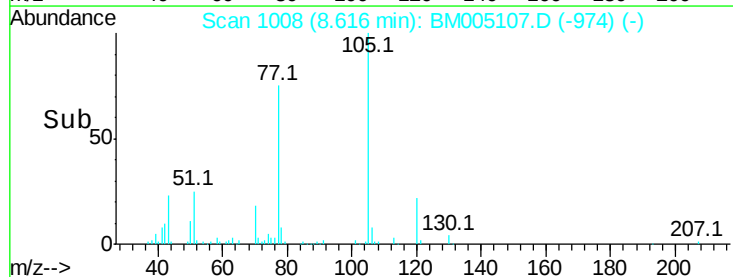
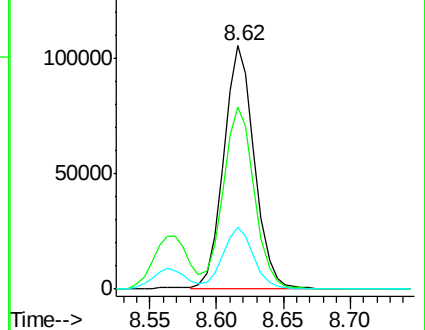
51 25.5 20.0 30.0

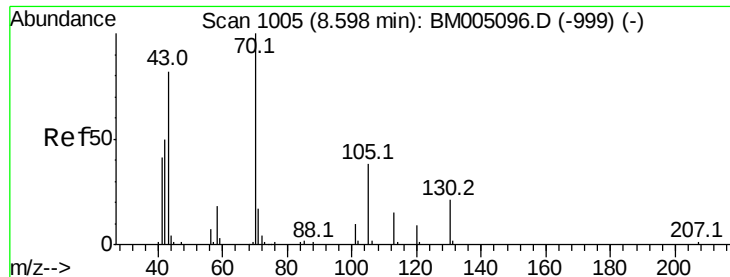


Abundance Ion 105.00 (104.70 to 105.70): BM005096.D (-1001) (-)

Ion 77.00 (76.70 to 77.70): BM005096.D (-1001) (-)

Ion 51.00 (50.70 to 51.70): BM005096.D (-1001) (-)

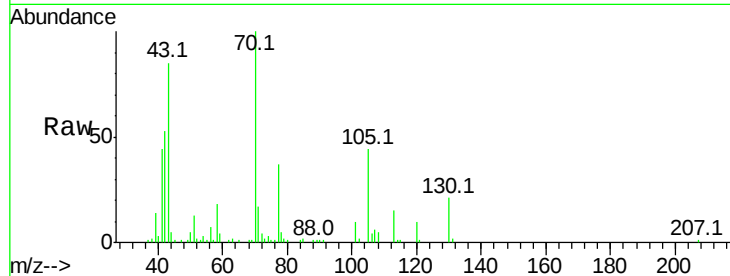




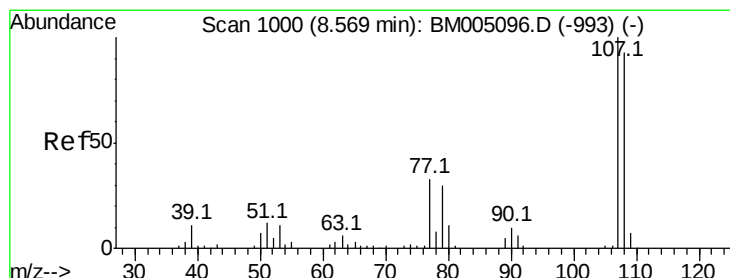
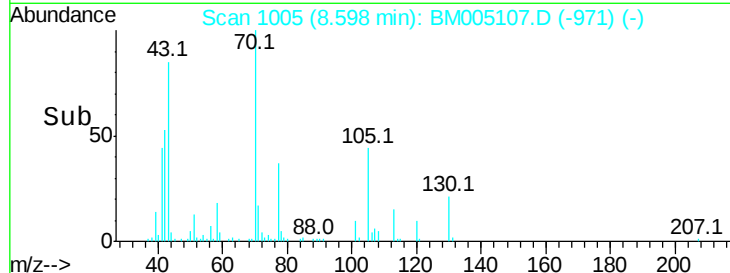
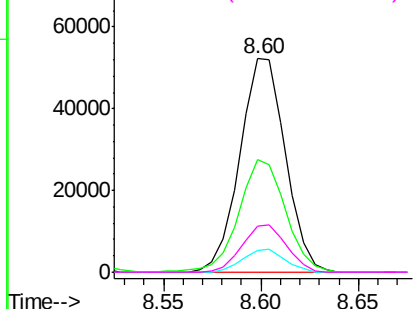
#15  
N-Nitroso-di-n-propylamine  
Concen: 21.46 ng/ul  
RT: 8.60 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

Tot Ion: 70 Resp: 84354  
Ion Ratio Lower Upper  
70 100  
42 52.8 40.6 60.8  
101 10.5 8.2 12.4  
130 21.4 18.5 27.7

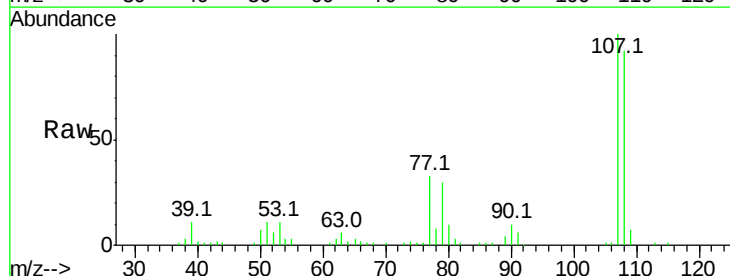


Abundance Ion 70.00 (69.70 to 70.70): BM005107.D (-971) (-)  
Ion 42.00 (41.70 to 42.70): BM005107.D (-971) (-)  
Ion 101.00 (100.70 to 101.70): BM005107.D (-971) (-)  
Ion 130.00 (129.70 to 130.70): BM005107.D (-971) (-)

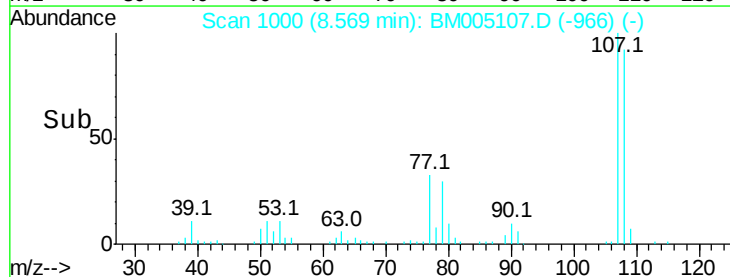
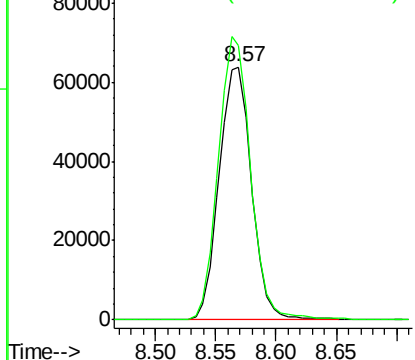


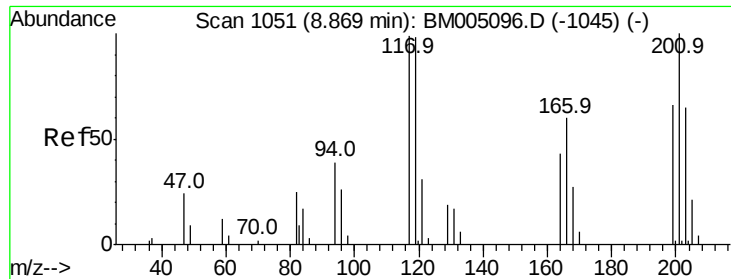
#16  
4-Methylphenol  
Concen: 21.31 ng/ul  
RT: 8.57 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion: 108 Resp: 118691  
Ion Ratio Lower Upper  
108 100  
107 108.6 91.0 136.6



Abundance Ion 108.00 (107.70 to 108.70): BM005107.D (-966) (-)  
Ion 107.00 (106.70 to 107.70): BM005107.D (-966) (-)

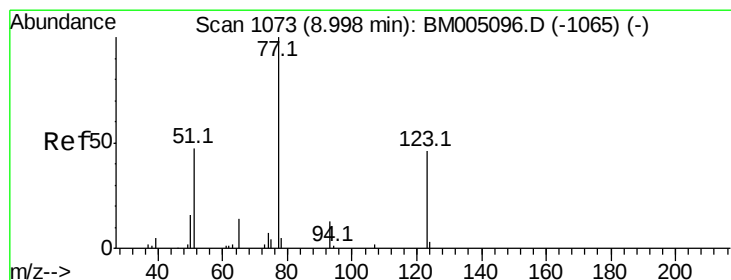
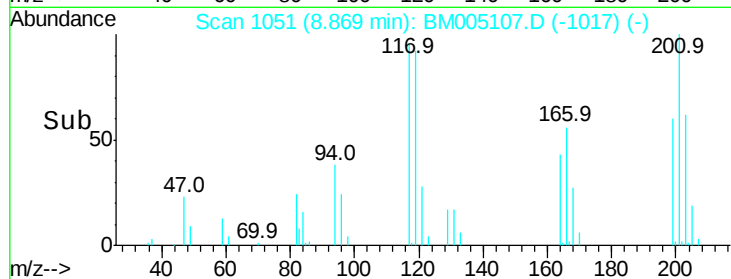
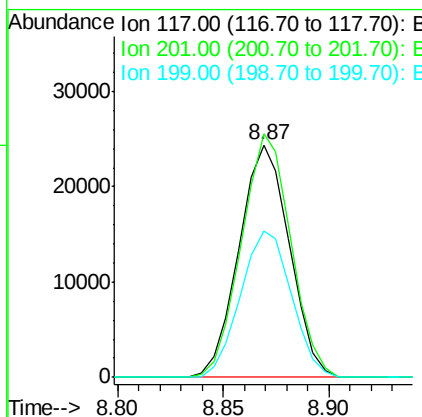
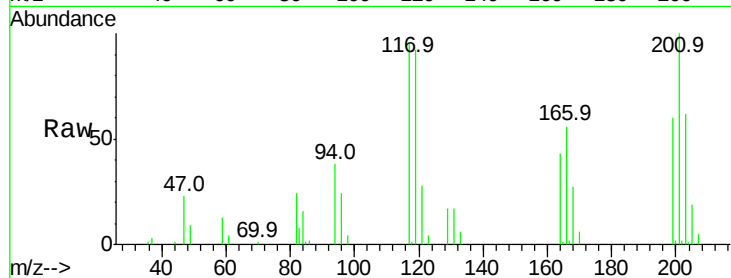




#17  
 Hexachloroethane  
 Concen: 20.33 ng/ul  
 RT: 8.87 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

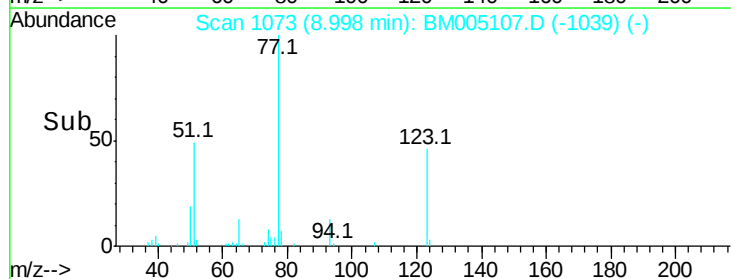
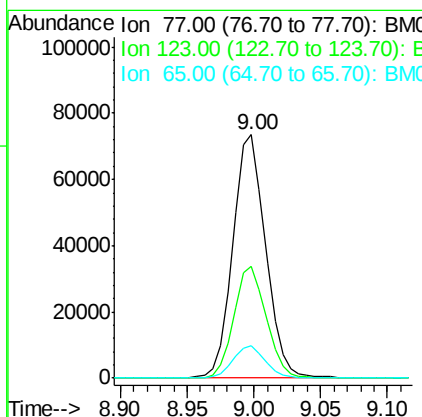
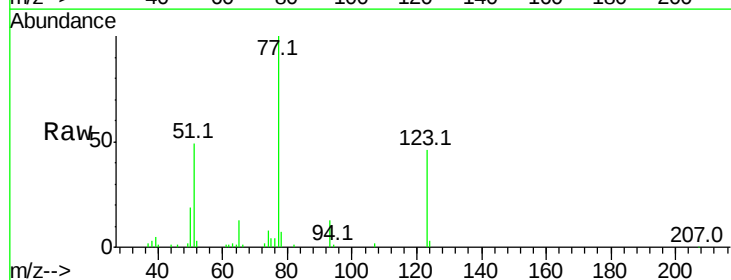
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02048

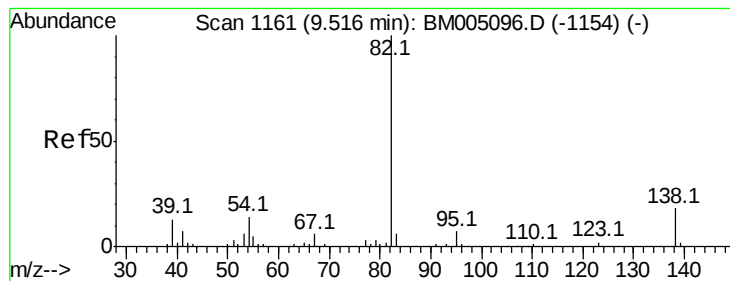
Tot Ion:117 Resp: 40475  
 Ion Ratio Lower Upper  
 117 100  
 201 104.6 88.5 132.7  
 199 63.1 55.4 83.2



#20  
 Nitrobenzene  
 Concen: 21.23 ng/ul  
 RT: 9.00 min Scan# 1073  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion: 77 Resp: 125539  
 Ion Ratio Lower Upper  
 77 100  
 123 45.8 37.7 56.5  
 65 13.5 10.9 16.3





#21

Isophorone

Concen: 21.10 ng/ul

RT: 9.52 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

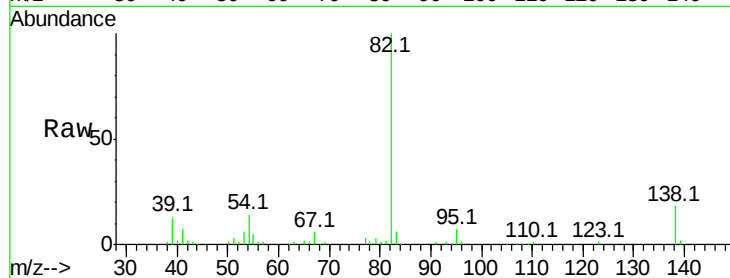
Tot Ion: 82 Resp: 236957

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 18.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BM005107.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM005107.D (-1159) (-)

Ion 138.00 (137.70 to 138.70): BM005107.D (-1159) (-)

9.52

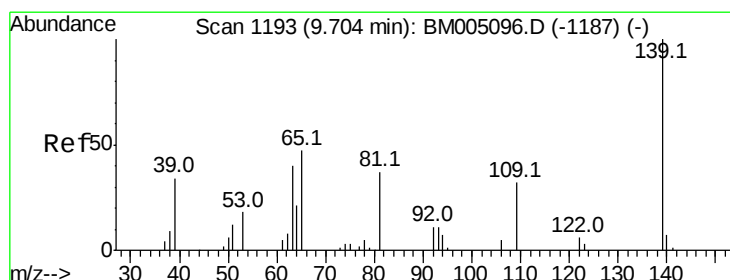
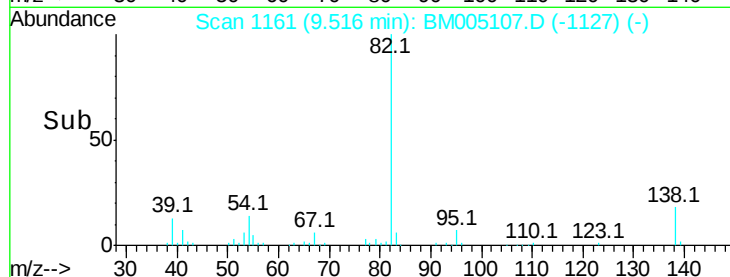
150000

100000

50000

0

Time-->



#23

2-Nitrophenol

Concen: 21.42 ng/ul

RT: 9.70 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

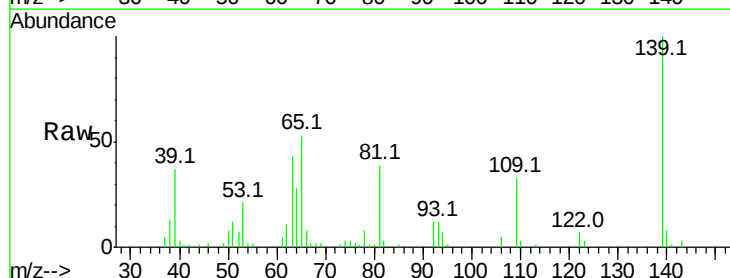
Tgt Ion: 139 Resp: 62416

Ion Ratio Lower Upper

139 100

65 53.2 36.2 54.2

109 32.9 24.8 37.2



Abundance Ion 139.00 (138.70 to 139.70): BM005107.D (-1159) (-)

Ion 65.00 (64.70 to 65.70): BM005107.D (-1159) (-)

Ion 109.00 (108.70 to 109.70): BM005107.D (-1159) (-)

9.70

50000

40000

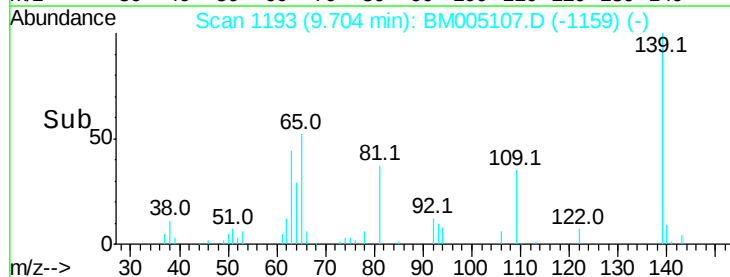
30000

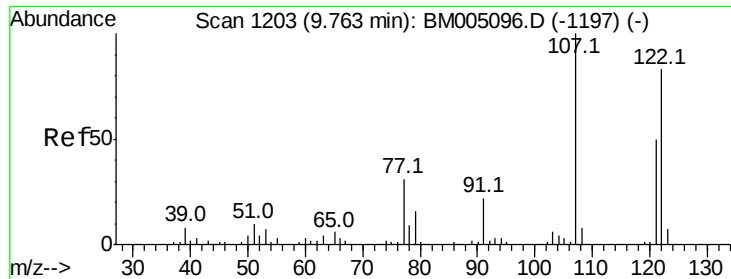
20000

10000

0

Time-->





#24

2,4-Dimethylphenol

Concen: 20.81 ng/ul

RT: 9.76 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

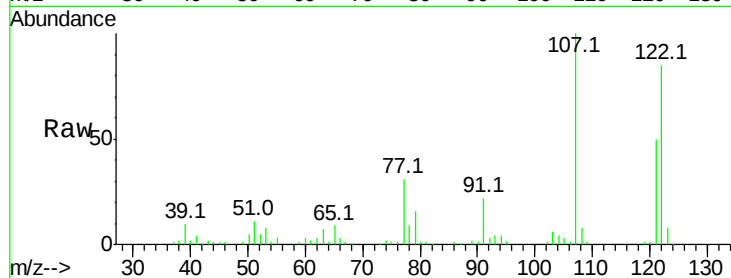
Tot Ion:107 Resp: 130550

Ion Ratio Lower Upper

107 100

121 49.7 39.8 59.8

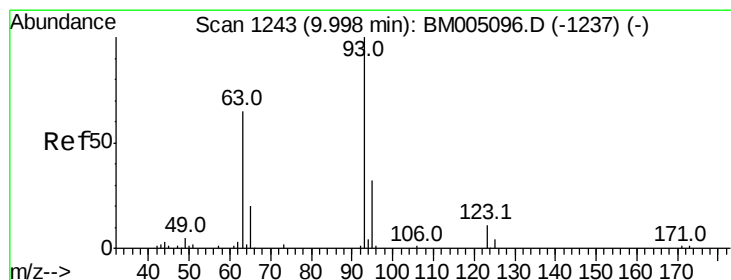
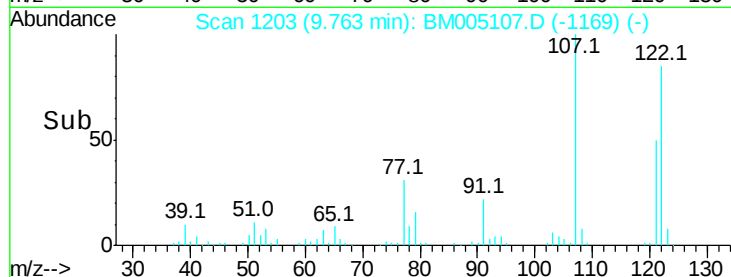
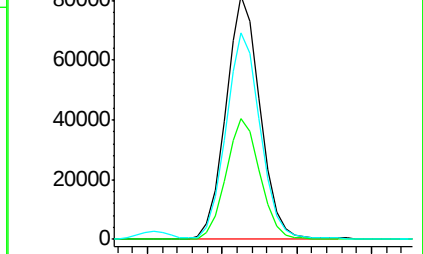
122 84.8 68.5 102.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 21.43 ng/ul

RT: 10.00 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

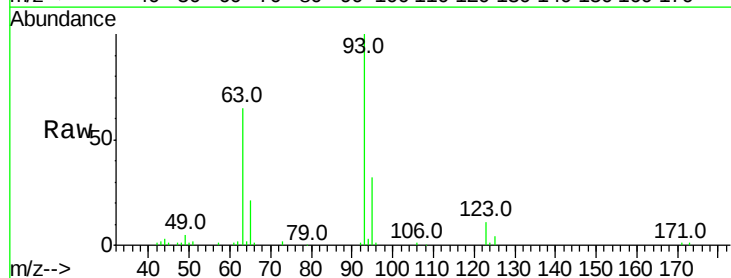
Tgt Ion: 93 Resp: 149591

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

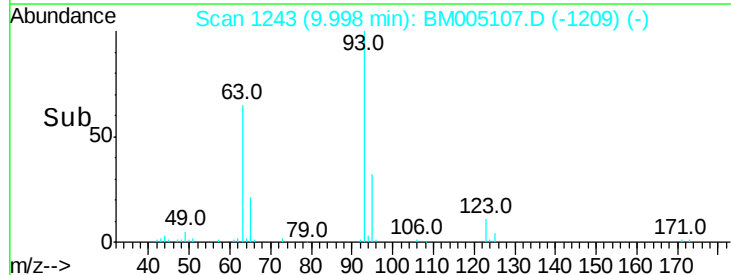
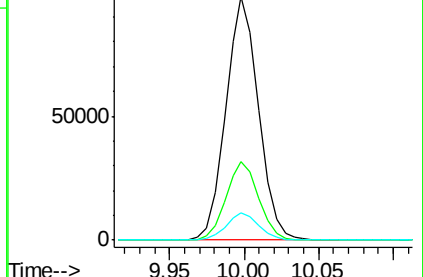
123 11.1 9.4 14.0

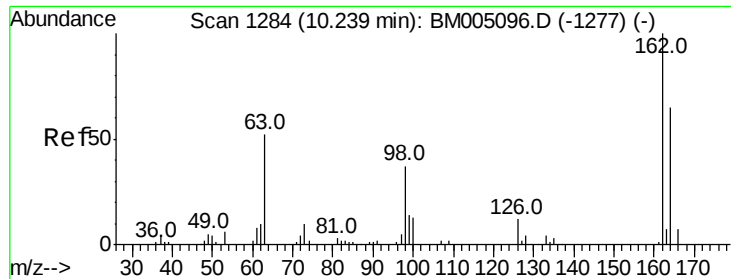


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

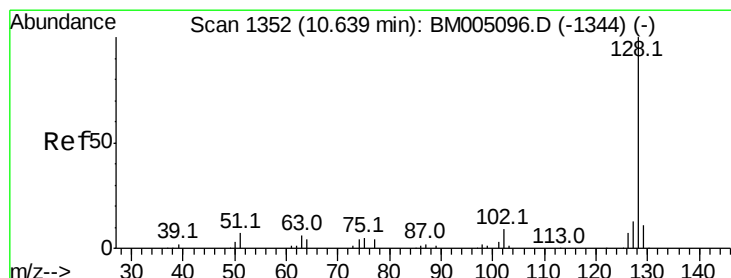
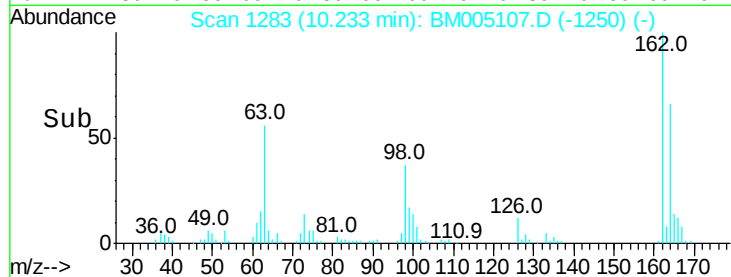
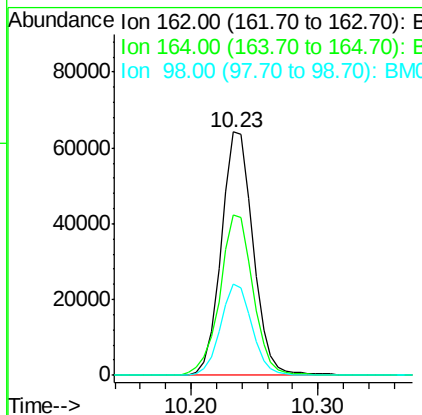
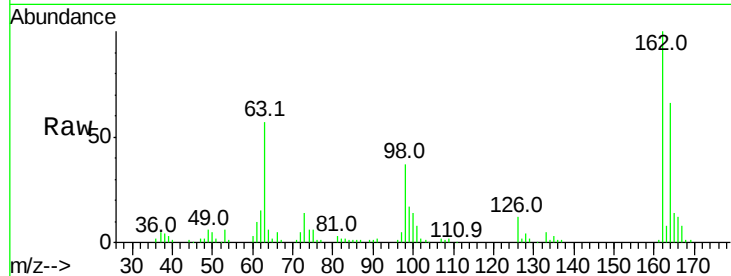




#27  
 2,4-Dichlorophenol  
 Concen: 21.35 ng/ul  
 RT: 10.23 min Scan# 1283  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

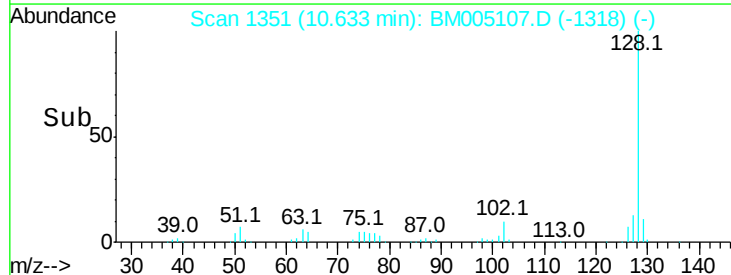
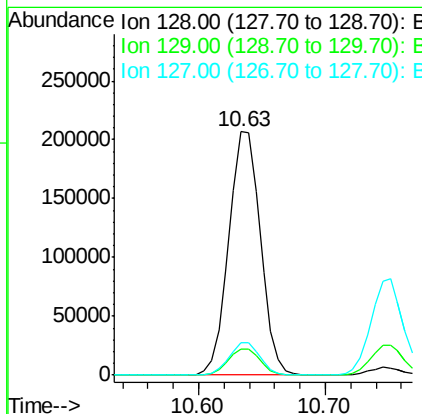
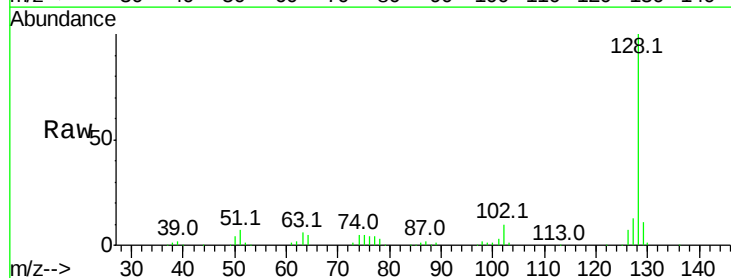
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02048

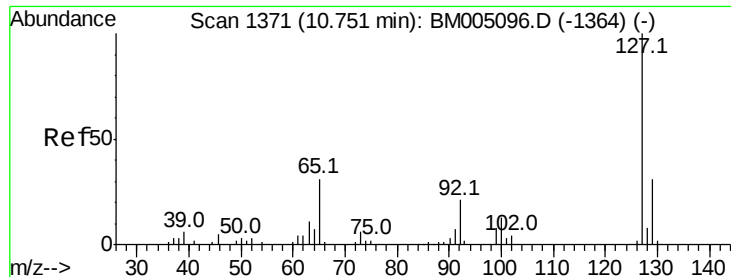
Tot Ion:162 Resp: 111772  
 Ion Ratio Lower Upper  
 162 100  
 164 66.1 52.9 79.3  
 98 37.3 28.3 42.5



#28  
 Naphthalene  
 Concen: 20.48 ng/ul  
 RT: 10.63 min Scan# 1351  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion:128 Resp: 358318  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.7 13.1  
 127 13.2 10.6 15.8

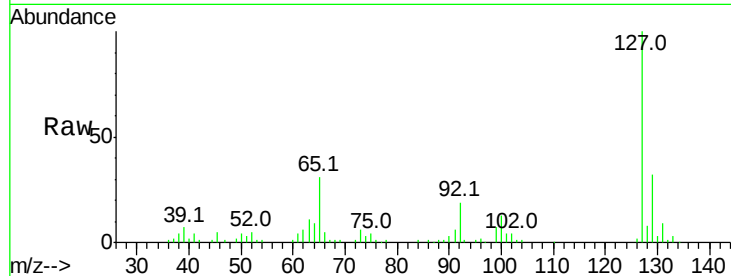




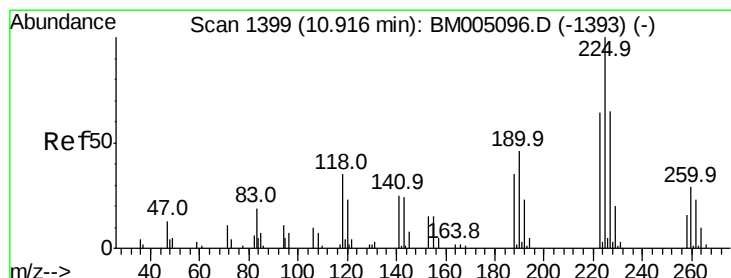
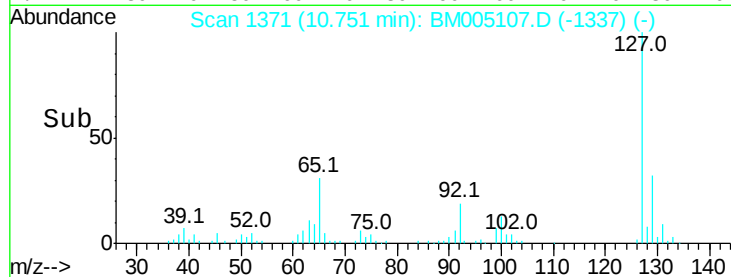
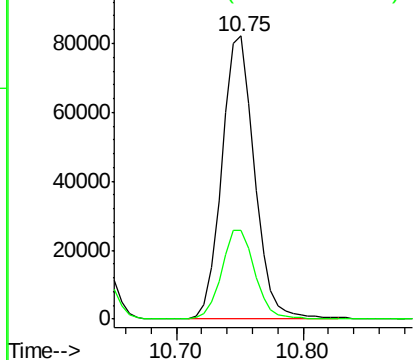
#30  
4-Chloroaniline  
Concen: 24.15 ng/ul  
RT: 10.75 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

Tot Ion:127 Resp: 146787  
Ion Ratio Lower Upper  
127 100  
129 31.5 26.0 39.0

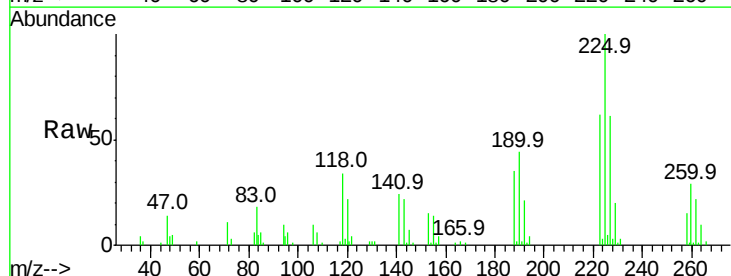


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

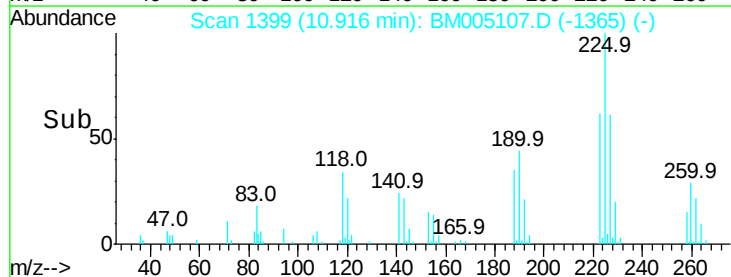
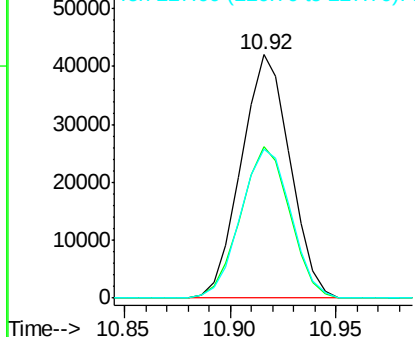


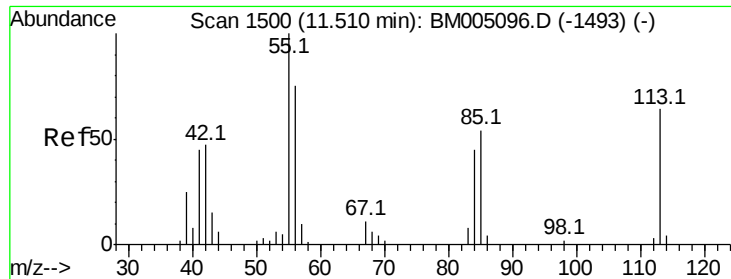
#31  
Hexachlorobutadiene  
Concen: 19.54 ng/ul  
RT: 10.92 min Scan# 1399  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion:225 Resp: 67491  
Ion Ratio Lower Upper  
225 100  
223 62.1 51.9 77.9  
227 60.9 51.0 76.6



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





#32

Caprolactam

Concen: 19.27 ng/ul

RT: 11.51 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

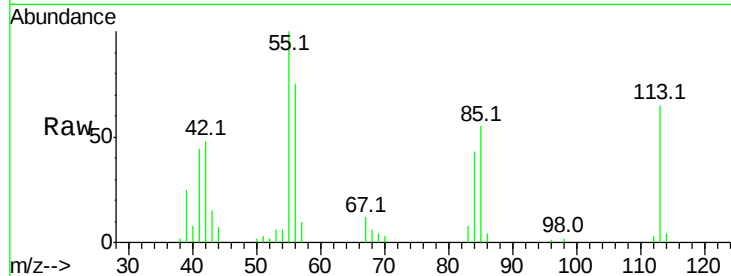
Tot Ion:113 Resp: 34894

Ion Ratio Lower Upper

113 100

55 154.1 117.0 175.4

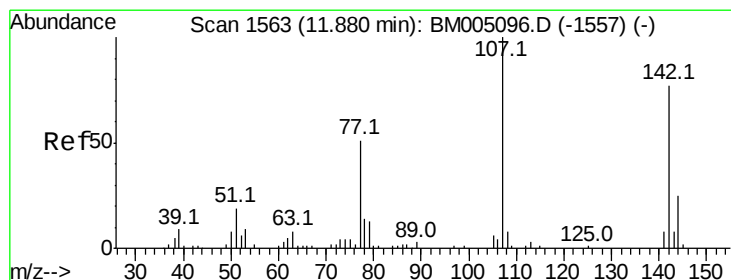
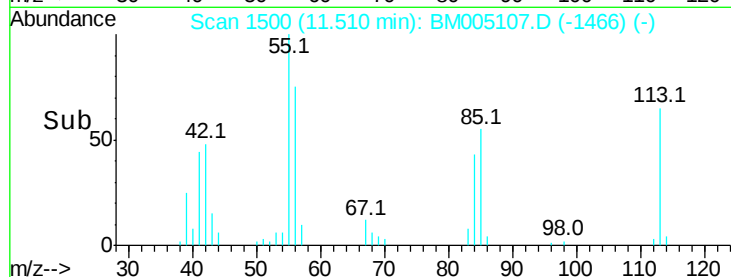
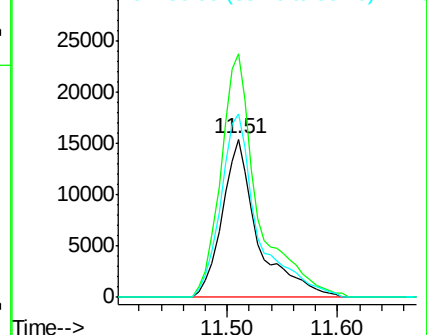
56 116.3 87.7 131.5



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: 21.27 ng/ul

RT: 11.87 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

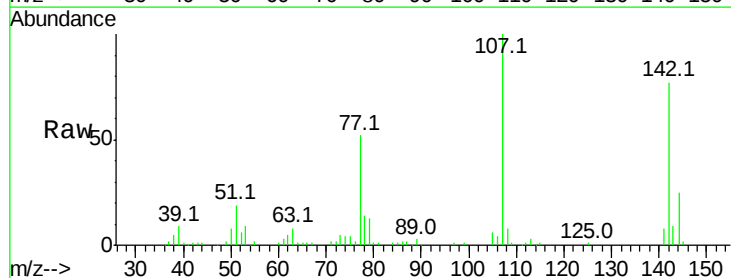
Tgt Ion:107 Resp: 127321

Ion Ratio Lower Upper

107 100

144 25.2 19.7 29.5

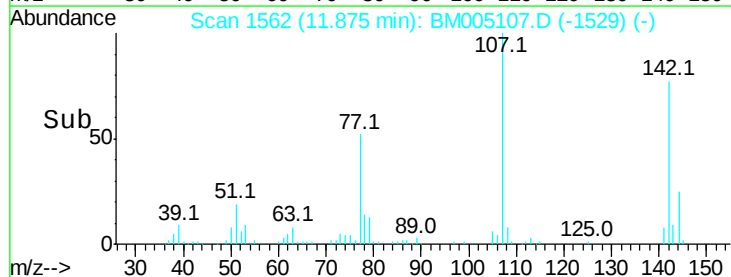
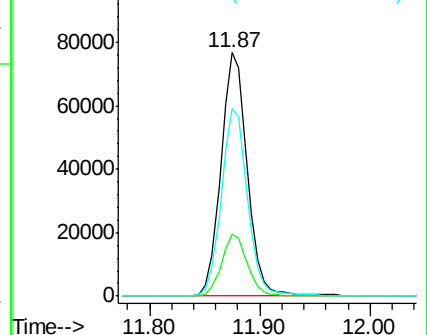
142 77.2 62.5 93.7

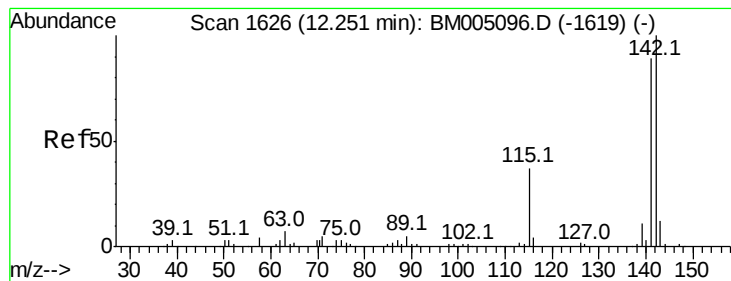


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.62 ng/ul

RT: 12.25 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

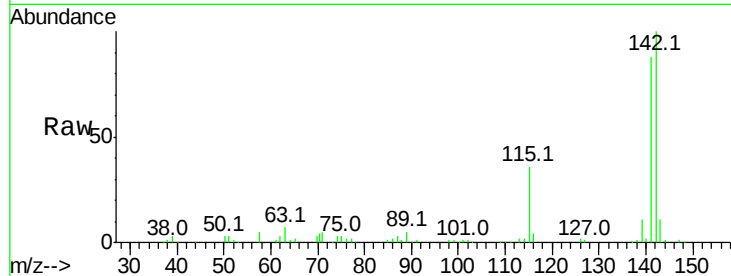
SSTD02048

Tot Ion:142 Resp: 267083

Ion Ratio Lower Upper

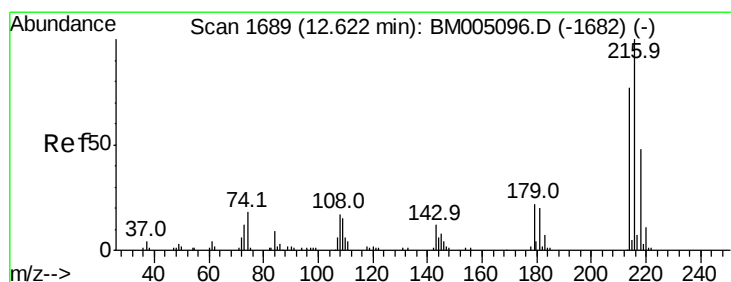
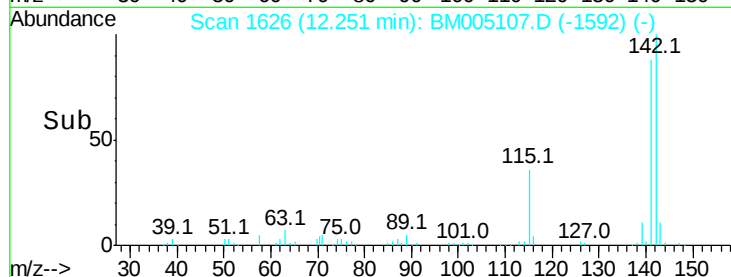
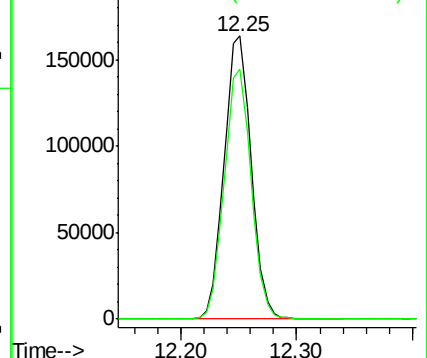
142 100

141 88.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.58 ng/ul

RT: 12.62 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Tgt Ion:216 Resp: 136452

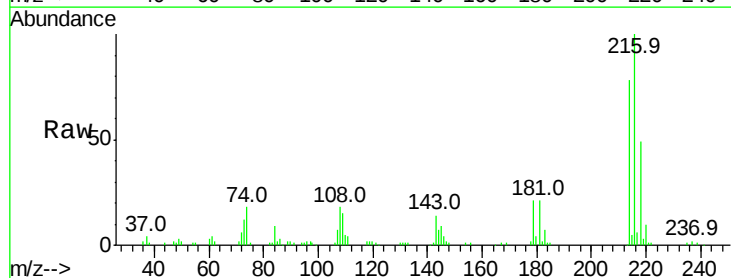
Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

179 21.4 16.9 25.3

108 17.7 13.2 19.8

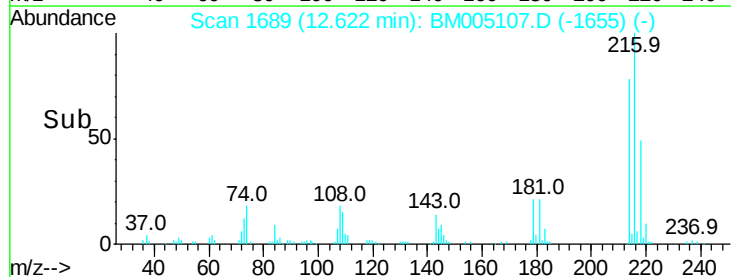
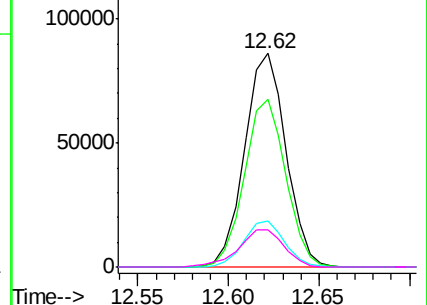


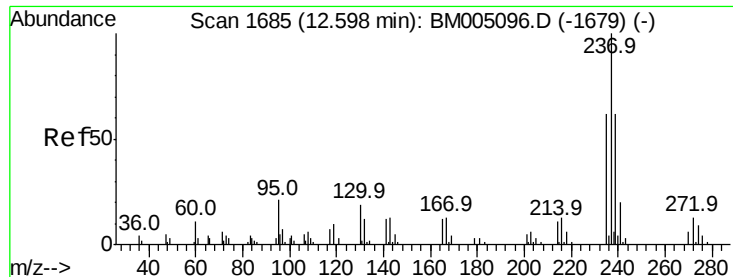
Abundance Ion 216.00 (215.70 to 216.70): E

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

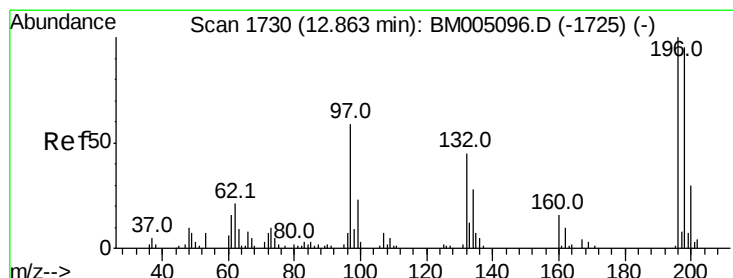
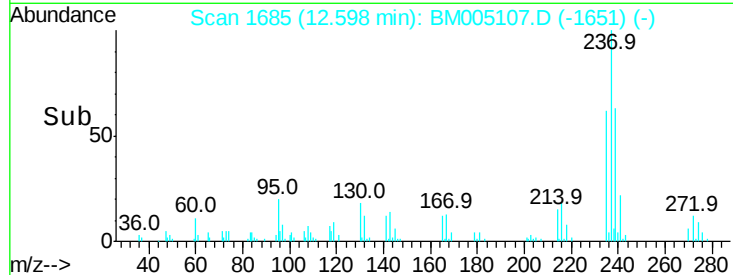
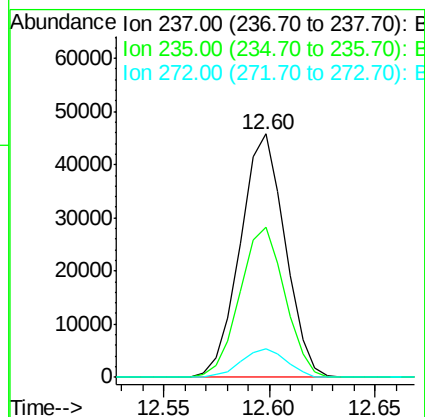
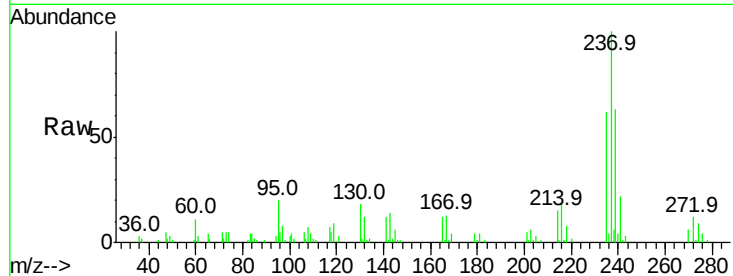




#37  
Hexachlorocyclopentadiene  
Concen: 17.19 ng/ul  
RT: 12.60 min Scan# 1685  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

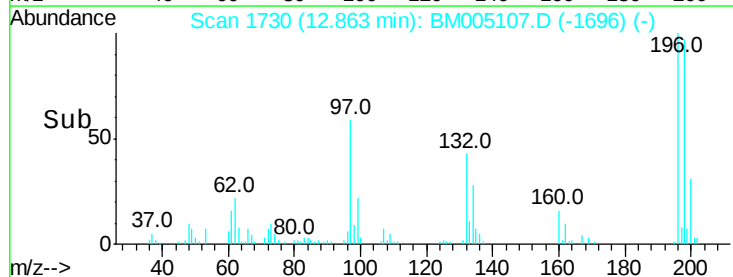
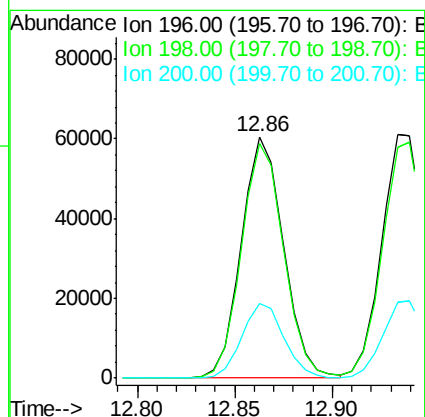
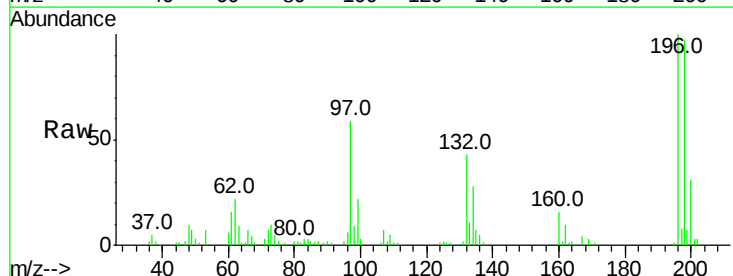
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

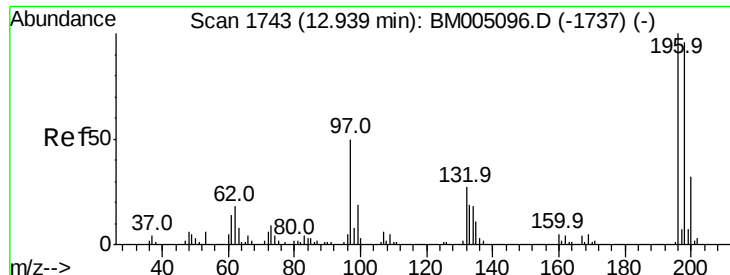
Tot Ion:237 Resp: 67662  
Ion Ratio Lower Upper  
237 100  
235 61.5 52.7 79.1  
272 11.9 10.2 15.4



#38  
2,4,6-Trichlorophenol  
Concen: 21.55 ng/ul  
RT: 12.86 min Scan# 1730  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion:196 Resp: 90923  
Ion Ratio Lower Upper  
196 100  
198 97.1 76.1 114.1  
200 30.9 24.3 36.5

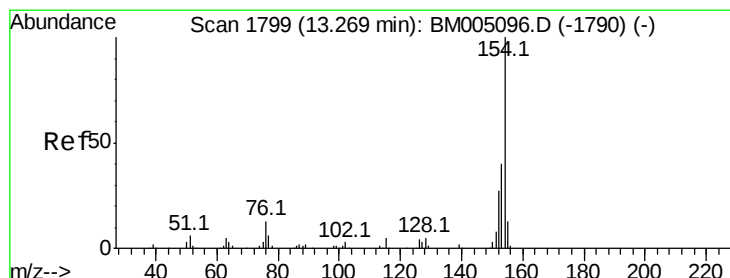
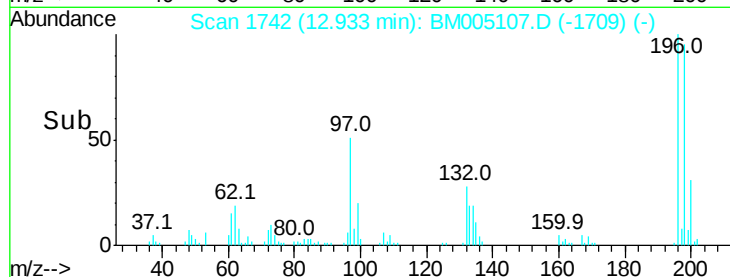
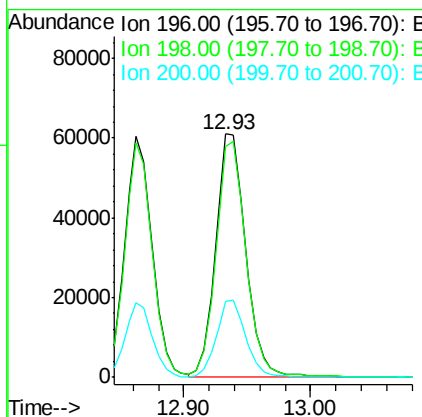
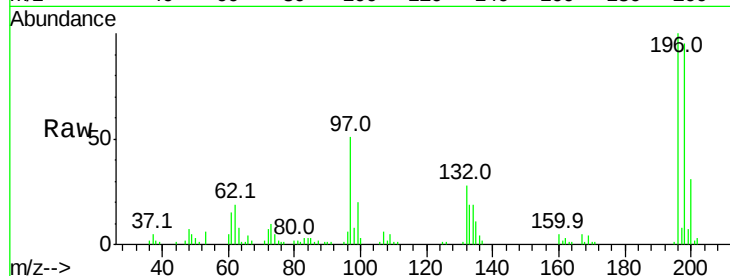




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.39 ng/ul  
 RT: 12.93 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

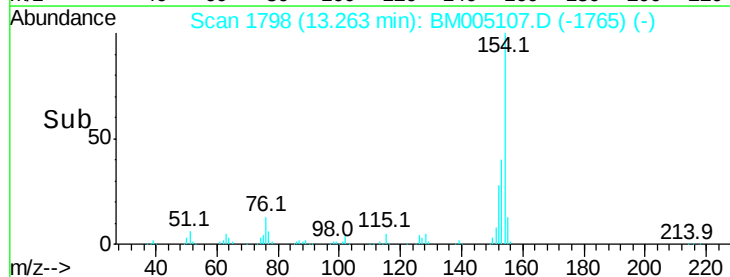
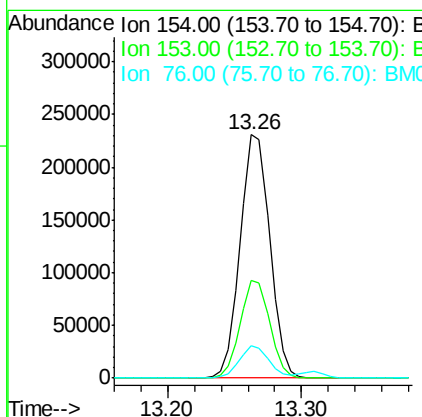
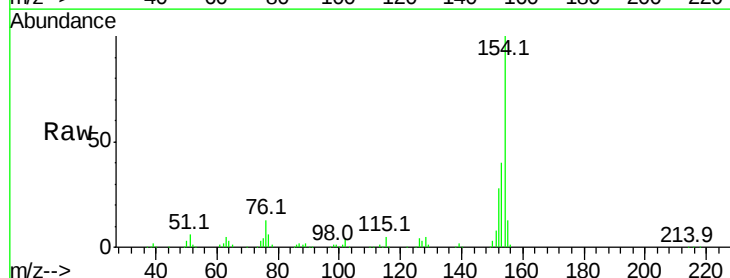
Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTD02048

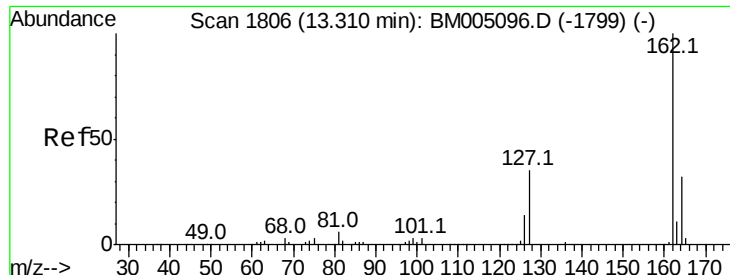
Tot Ion:196 Resp: 101061  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 76.7 115.1  
 200 31.0 25.4 38.0



#40  
 1,1'-Biphenyl  
 Concen: 21.12 ng/ul  
 RT: 13.26 min Scan# 1798  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion:154 Resp: 354766  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 31.5 47.3  
 76 13.3 10.1 15.1

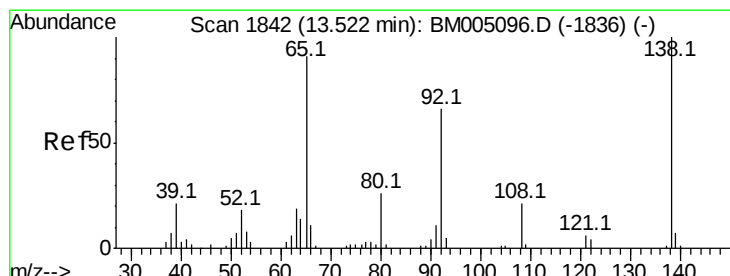
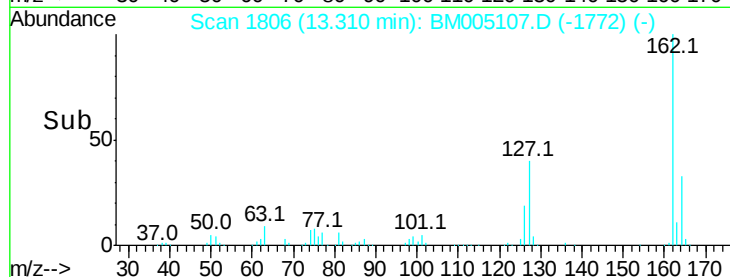
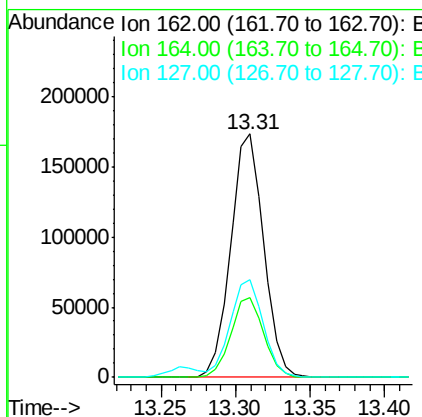
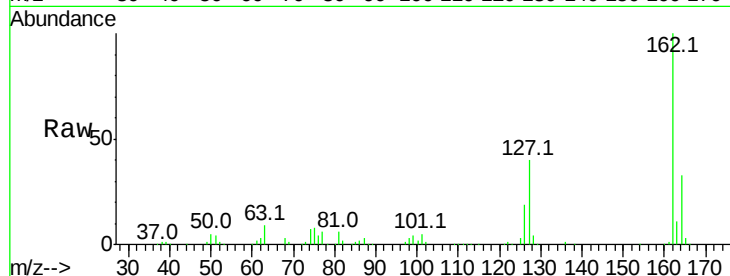




#41  
 2-Chloronaphthalene  
 Concen: 20.91 ng/ul  
 RT: 13.31 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

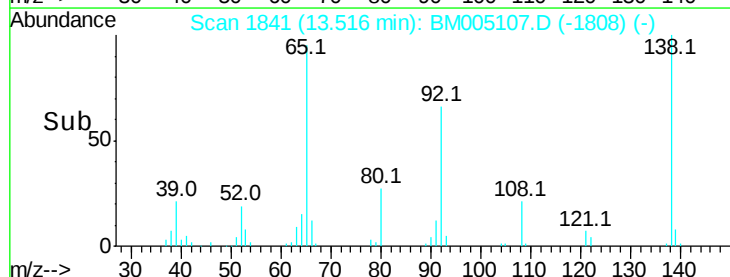
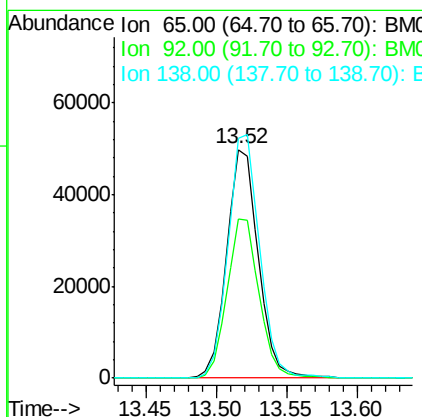
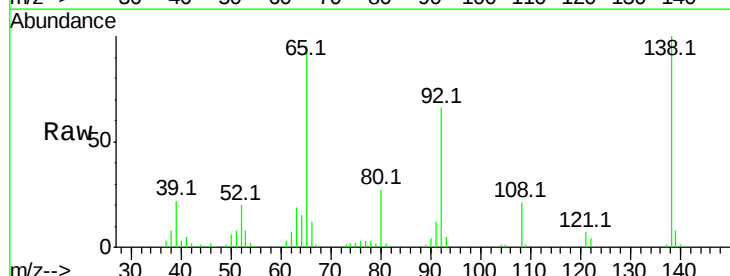
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02048

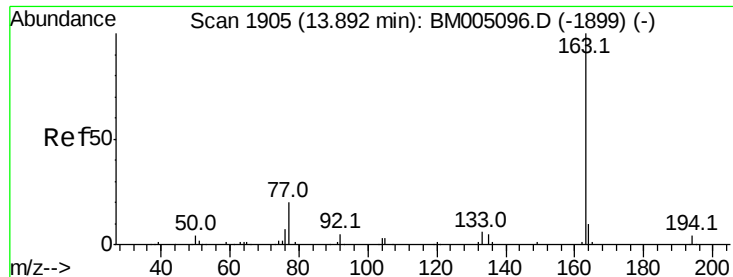
Tot Ion:162 Resp: 267178  
 Ion Ratio Lower Upper  
 162 100  
 164 32.7 25.8 38.8  
 127 39.9 32.3 48.5



#42  
 2-Nitroaniline  
 Concen: 22.48 ng/ul  
 RT: 13.52 min Scan# 1841  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion: 65 Resp: 77886  
 Ion Ratio Lower Upper  
 65 100  
 92 69.5 56.9 85.3  
 138 105.2 89.3 133.9





#44

Dimethylphthalate

Concen: 20.08 ng/ul

RT: 13.89 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

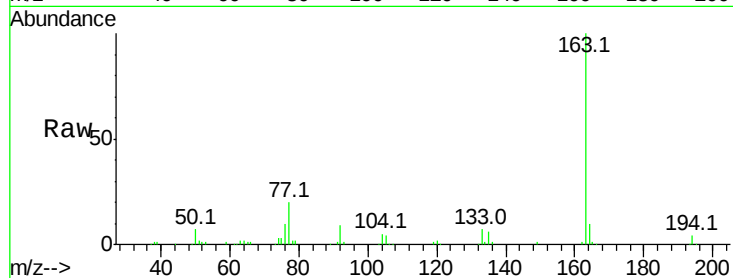
Tot Ion:163 Resp: 337676

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

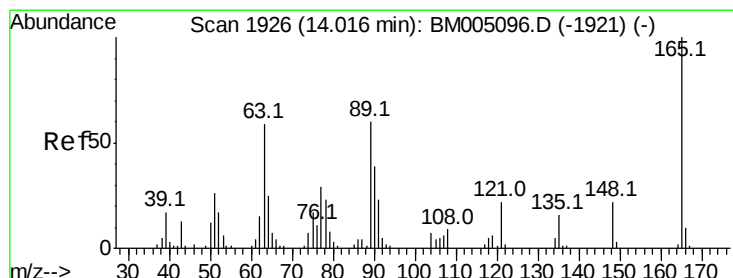
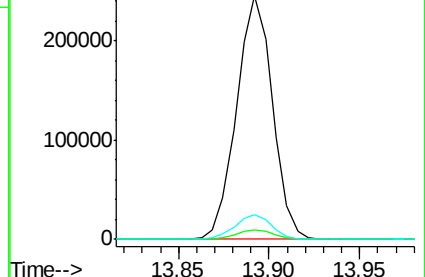
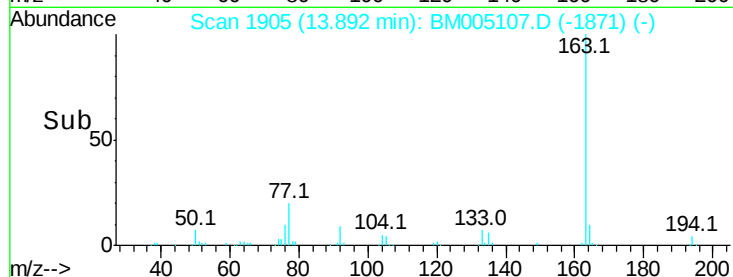
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.83 ng/ul

RT: 14.02 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

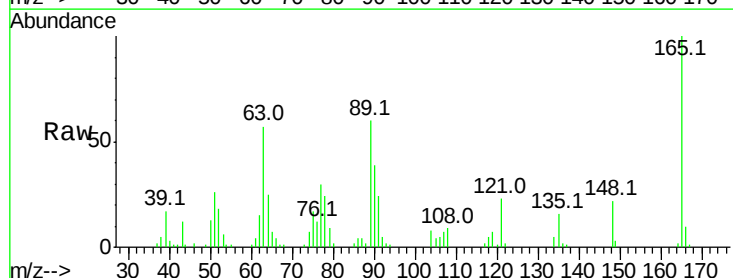
Tgt Ion:165 Resp: 67638

Ion Ratio Lower Upper

165 100

89 59.6 43.1 64.7

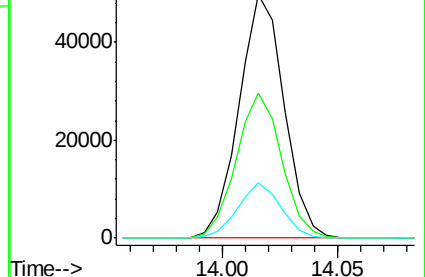
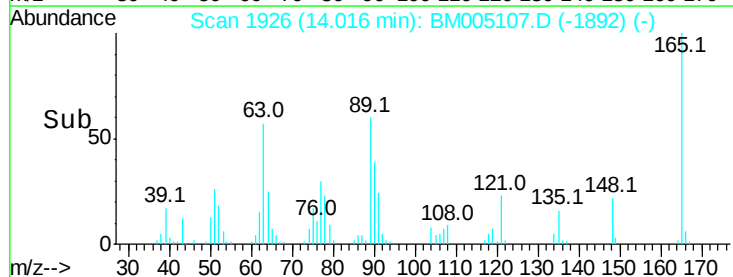
121 23.0 16.0 24.0

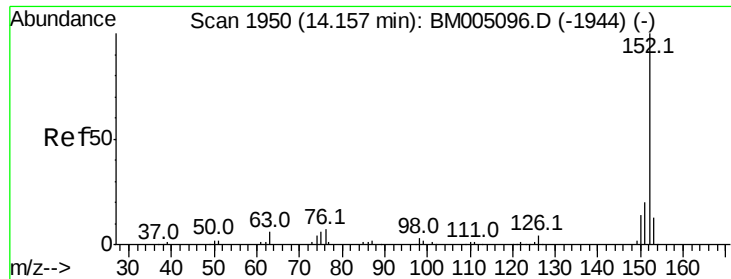


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.18 ng/ul

RT: 14.16 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

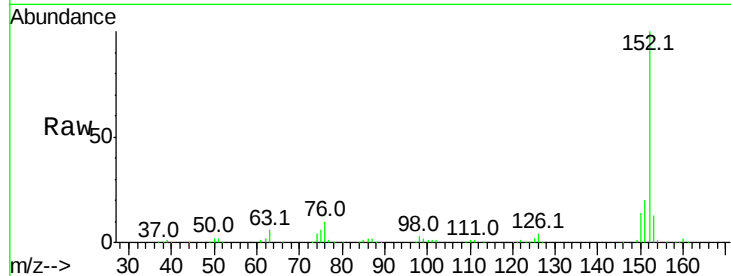
Tot Ion:152 Resp: 447449

Ion Ratio Lower Upper

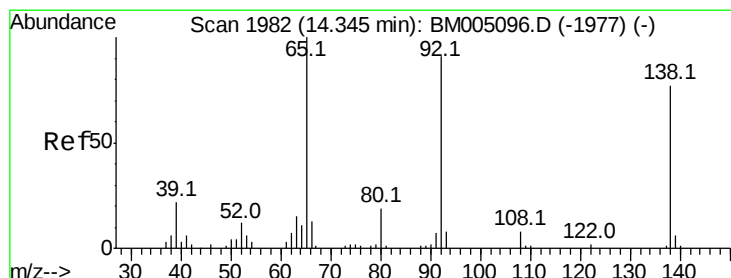
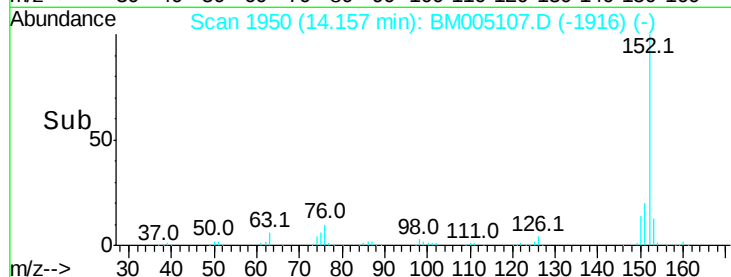
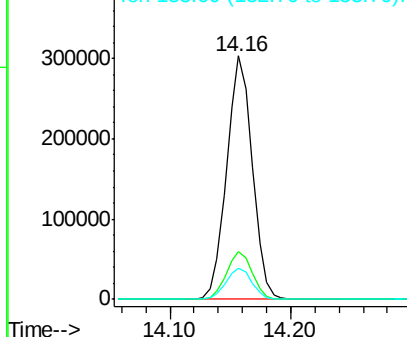
152 100

151 19.6 15.8 23.8

153 12.9 10.3 15.5



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: 22.11 ng/ul

RT: 14.34 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

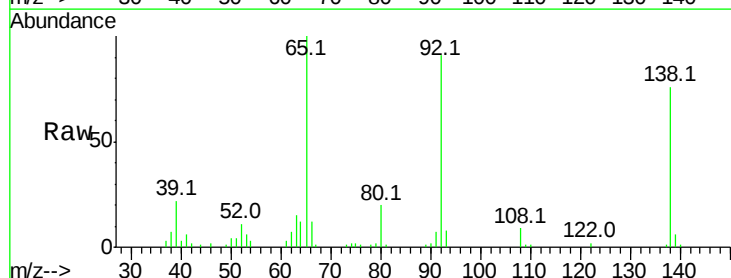
Tgt Ion:138 Resp: 73026

Ion Ratio Lower Upper

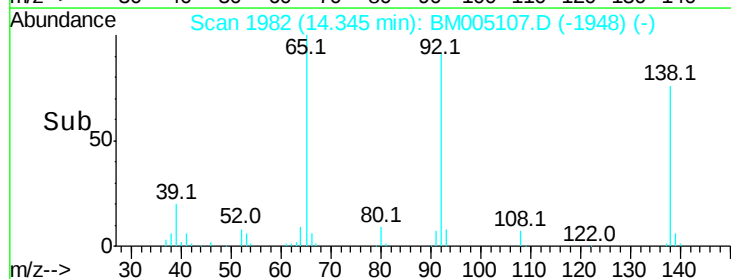
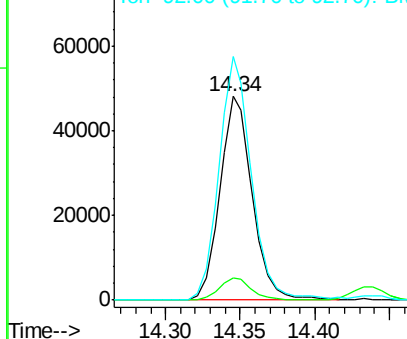
138 100

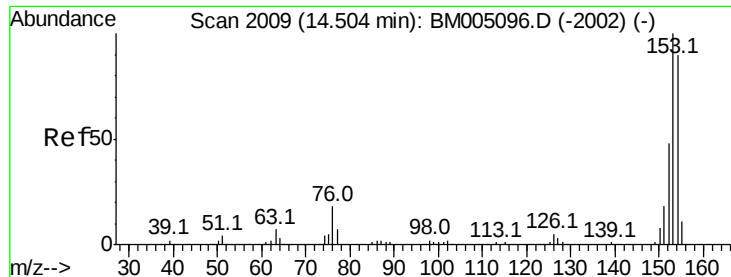
108 11.2 8.8 13.2

92 119.5 94.9 142.3



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: 20.92 ng/ul

RT: 14.50 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

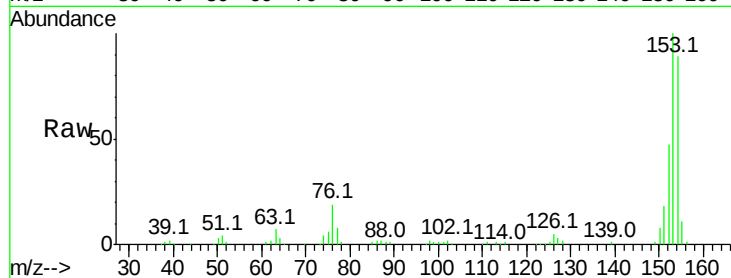
Tot Ion:153 Resp: 290747

Ion Ratio Lower Upper

153 100

152 47.4 37.7 56.5

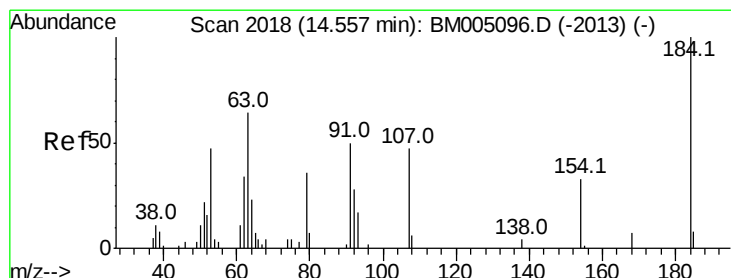
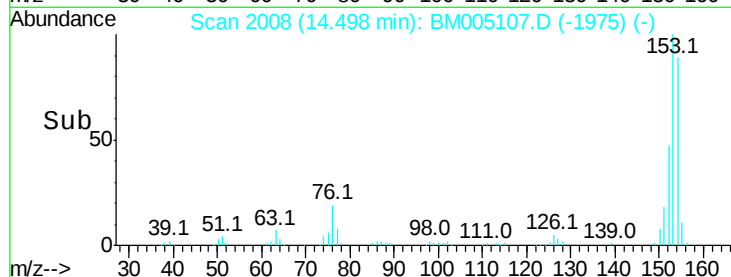
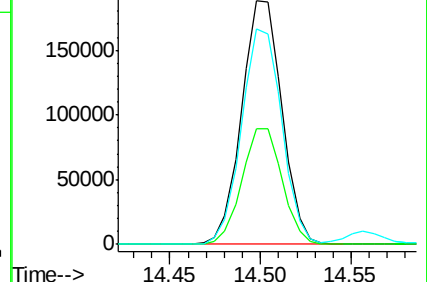
154 88.6 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 12.38 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

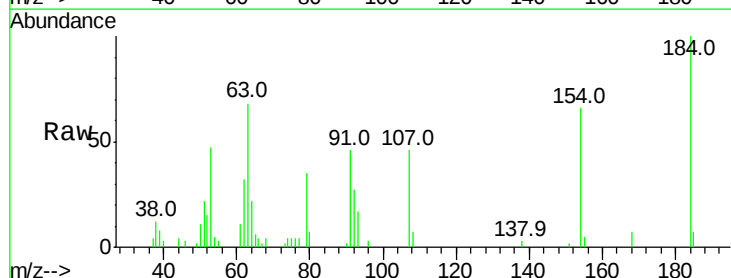
Tgt Ion:184 Resp: 23473

Ion Ratio Lower Upper

184 100

63 67.8 51.8 77.6

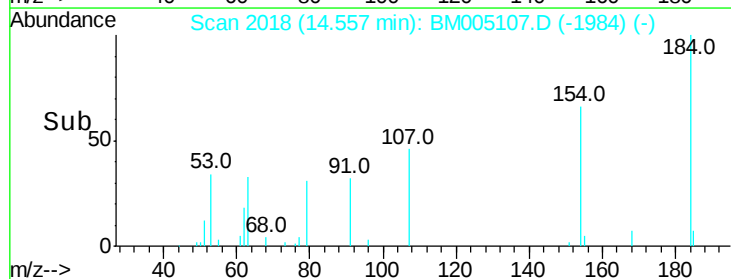
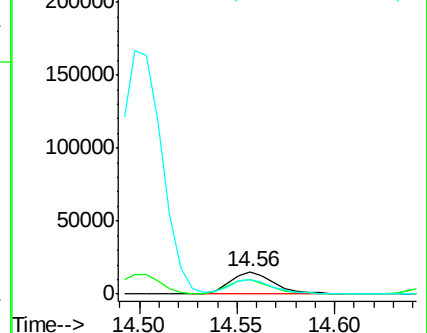
154 66.1 51.7 77.5

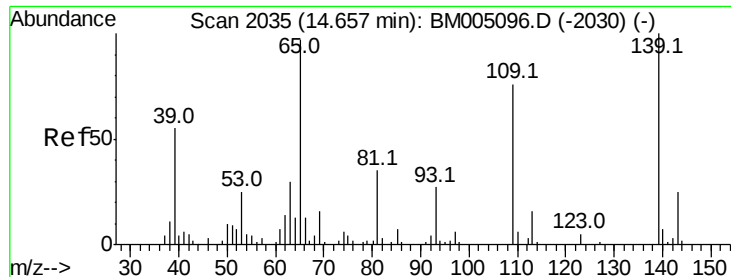


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.45 ng/ul

RT: 14.66 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

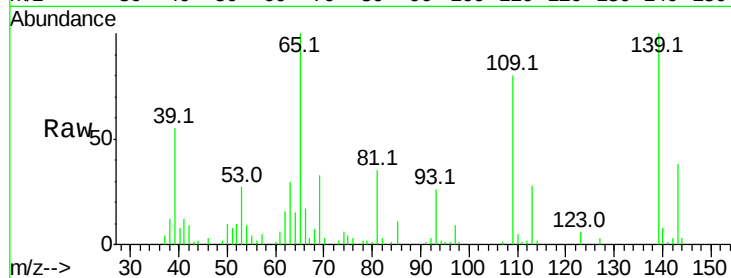
Tot Ion:109 Resp: 45717

Ion Ratio Lower Upper

109 100

139 125.3 104.5 156.7

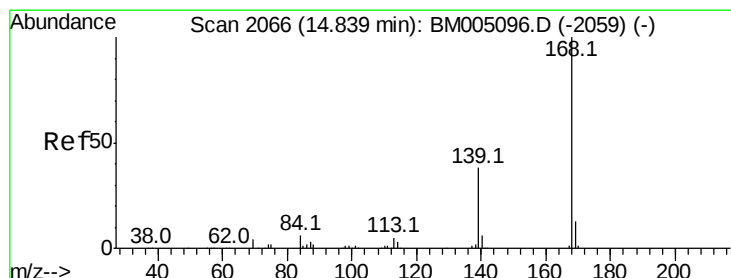
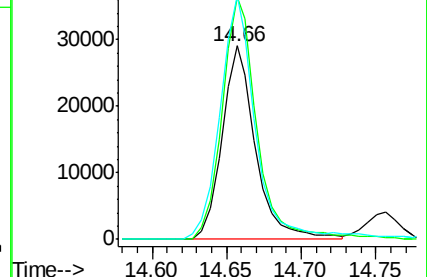
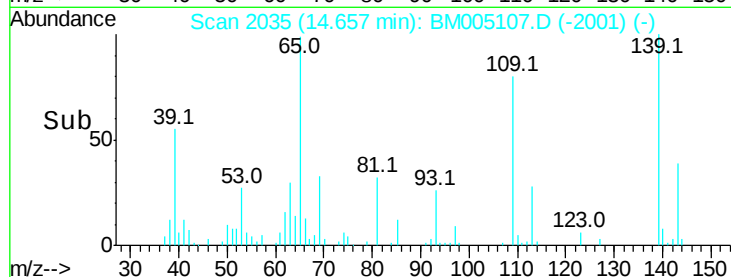
65 125.8 96.5 144.7



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: 20.47 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. -0.00 min

Lab File: BM005107.D

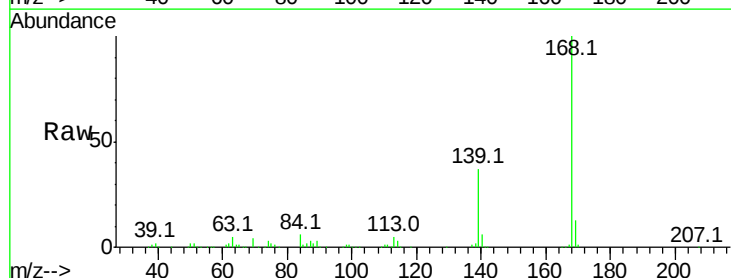
Acq: 27 Apr 2016 21:19

Tgt Ion:168 Resp: 419609

Ion Ratio Lower Upper

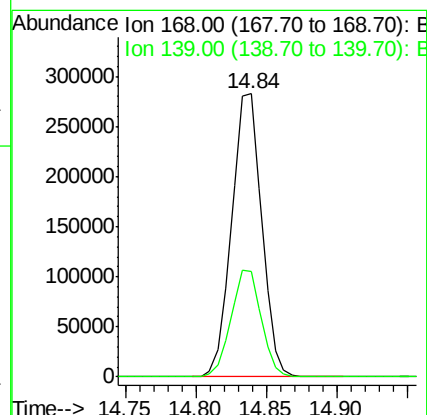
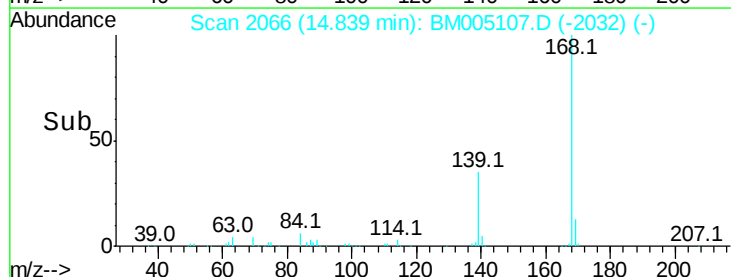
168 100

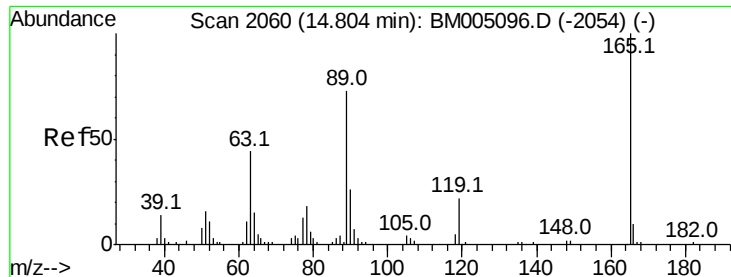
139 37.4 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.19 ng/ul

RT: 14.80 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

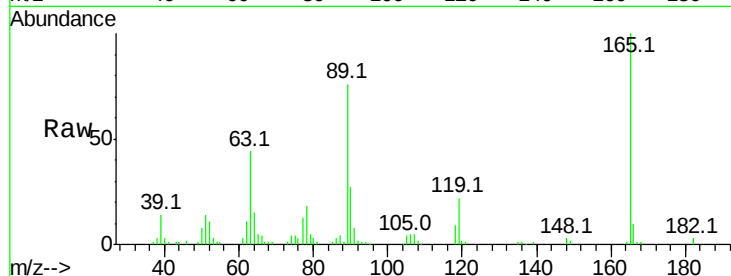
Tot Ion:165 Resp: 99595

Ion Ratio Lower Upper

165 100

63 44.1 32.1 48.1

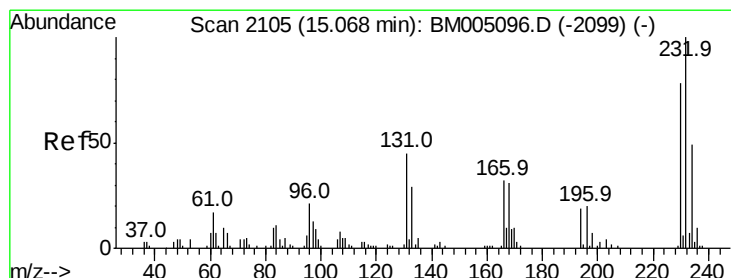
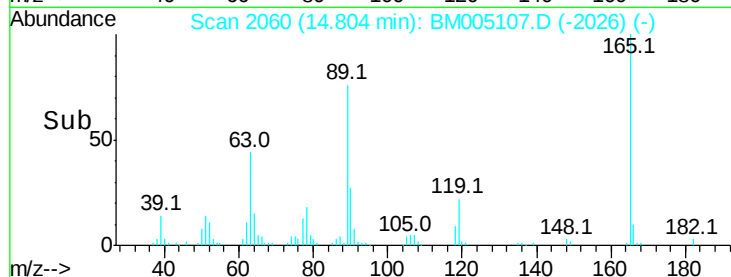
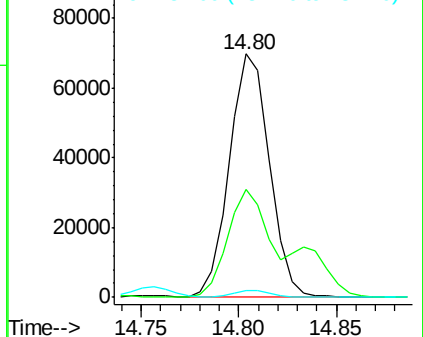
182 2.7 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.34 ng/ul

RT: 15.06 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Tgt Ion:232 Resp: 83443

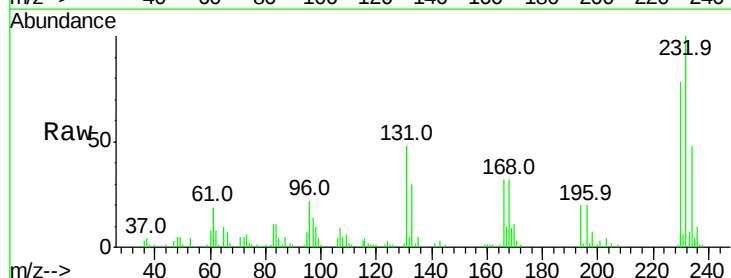
Ion Ratio Lower Upper

232 100

131 47.6 35.4 53.2

130 2.4 2.1 3.1

166 31.6 25.6 38.4

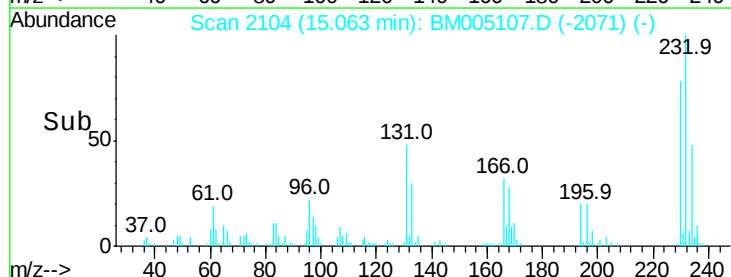
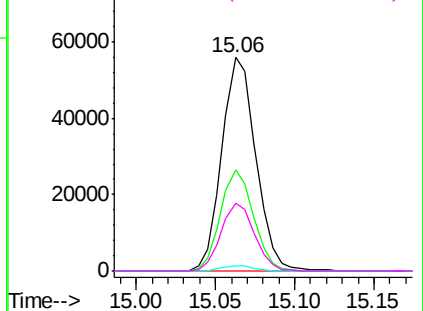


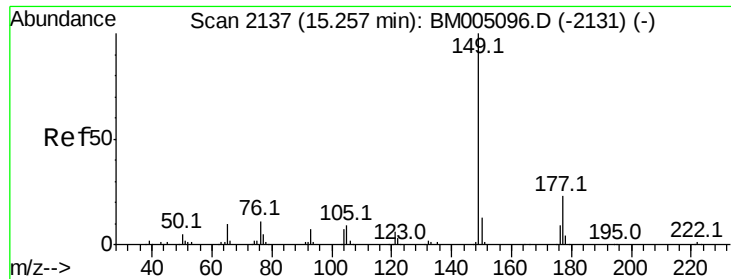
Abundance Ion 232.00 (231.70 to 232.70): E

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

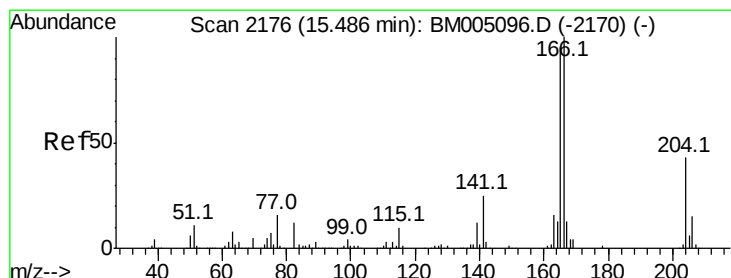
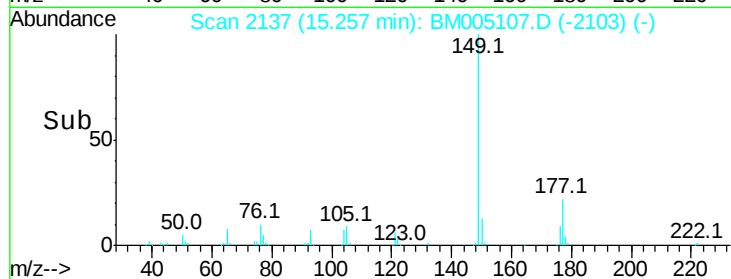
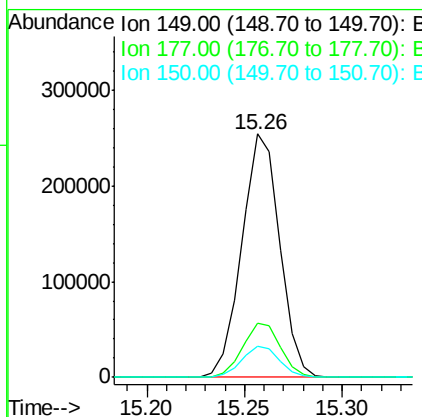
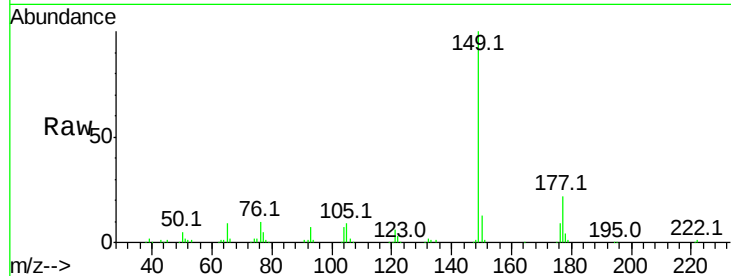




#56  
Diethylphthalate  
Concen: 20.14 ng/ul  
RT: 15.26 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

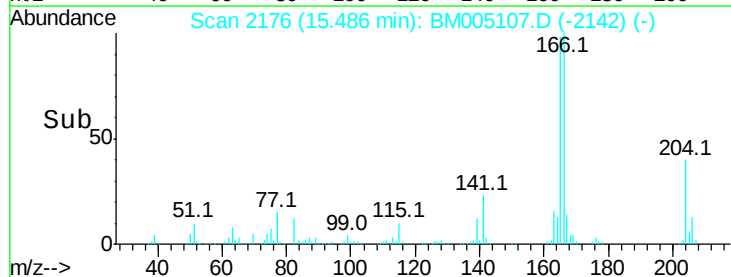
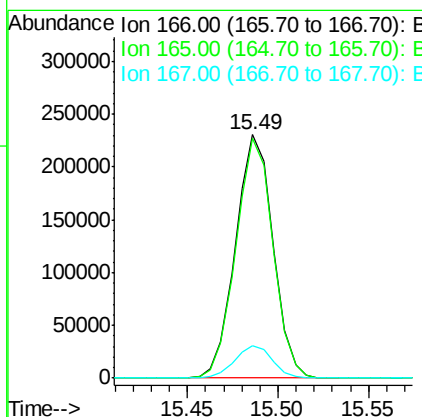
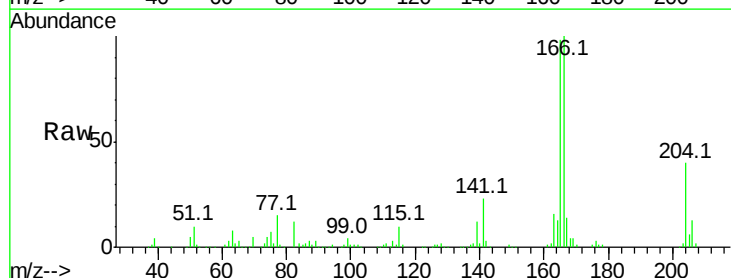
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

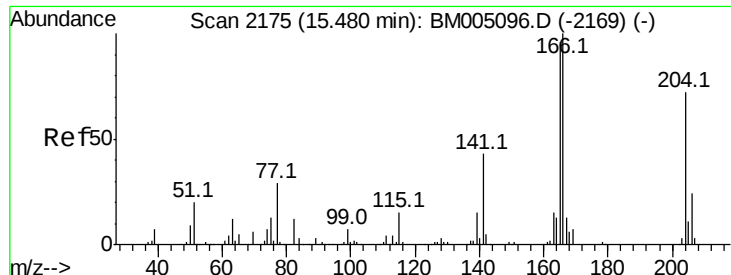
Tot Ion:149 Resp: 341763  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.9 26.9  
150 12.6 9.8 14.6



#58  
Fluorene  
Concen: 20.76 ng/ul  
RT: 15.49 min Scan# 2176  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion:166 Resp: 330368  
Ion Ratio Lower Upper  
166 100  
165 98.3 77.7 116.5  
167 13.5 10.9 16.3

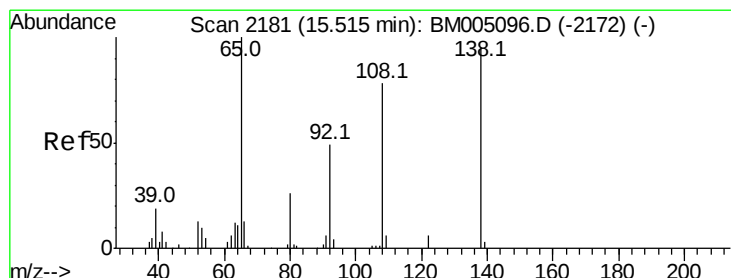
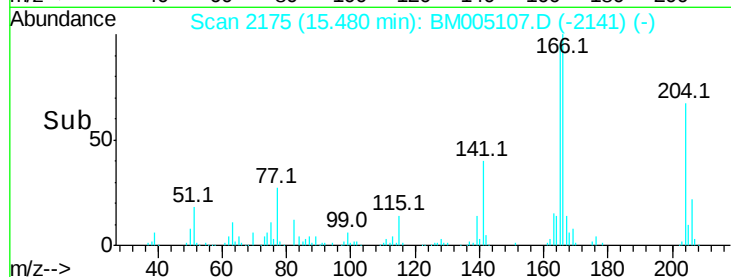
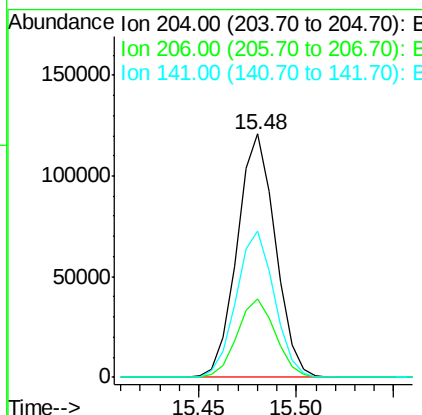
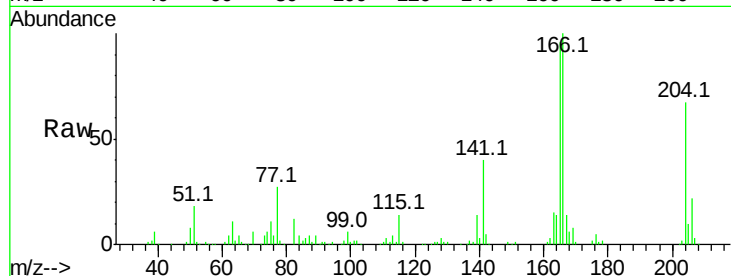




#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.46 ng/ul  
 RT: 15.48 min Scan# 2175  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

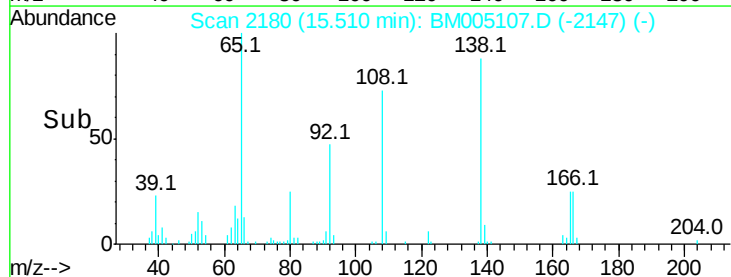
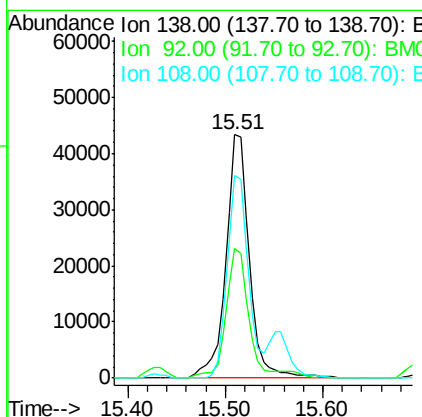
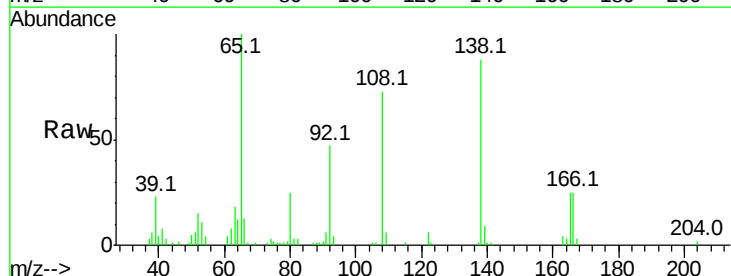
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02048

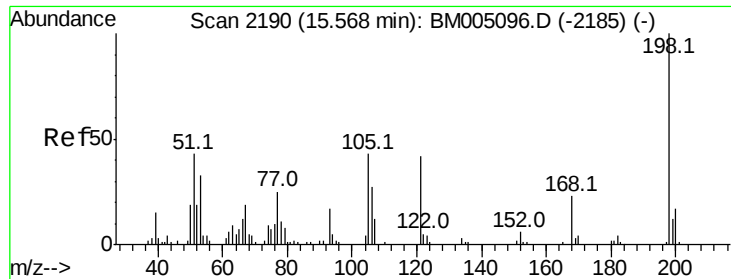
Tot Ion:204 Resp: 164303  
 Ion Ratio Lower Upper  
 204 100  
 206 32.4 26.2 39.4  
 141 60.3 47.2 70.8



#60  
 4-Nitroaniline  
 Concen: 20.34 ng/ul  
 RT: 15.51 min Scan# 2180  
 Delta R.T. -0.01 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion:138 Resp: 72463  
 Ion Ratio Lower Upper  
 138 100  
 92 53.1 41.0 61.6  
 108 83.2 66.8 100.2

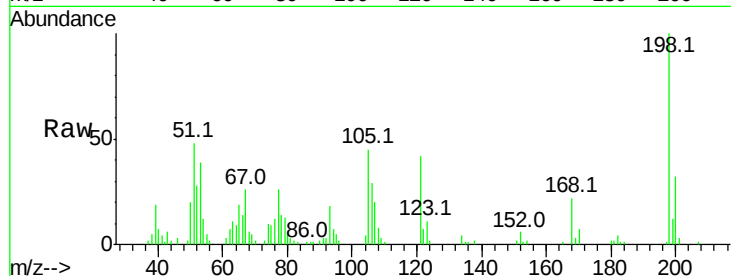




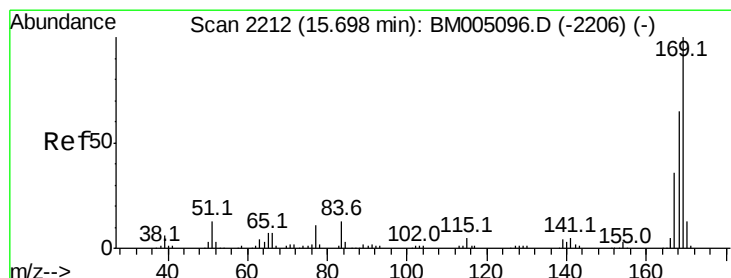
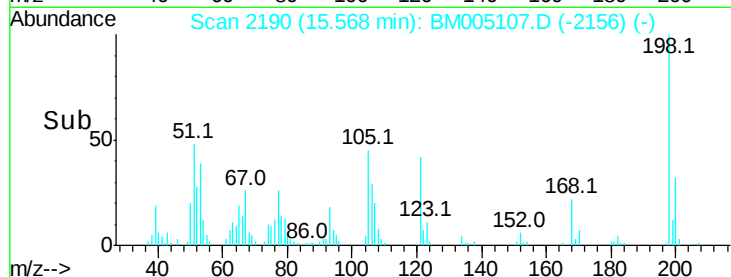
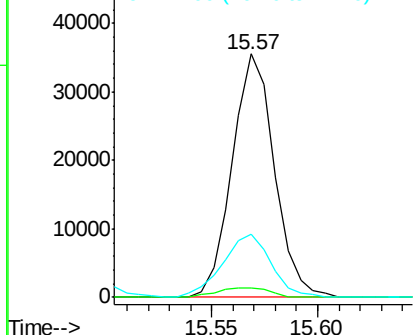
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.23 ng/ul  
 RT: 15.57 min Scan# 2190  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02048

Tot Ion:198 Resp: 49193  
 Ion Ratio Lower Upper  
 198 100  
 182 4.1 3.9 5.9  
 77 25.9 21.4 32.2

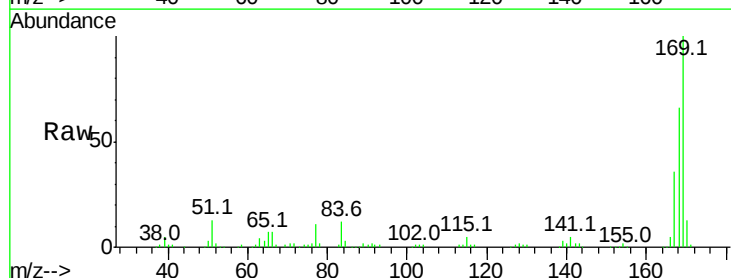


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): B

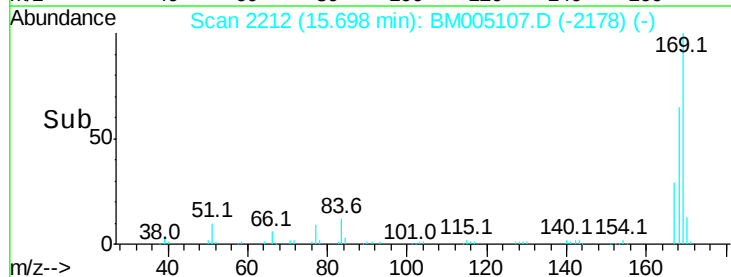
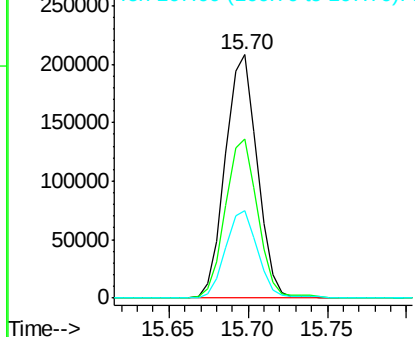


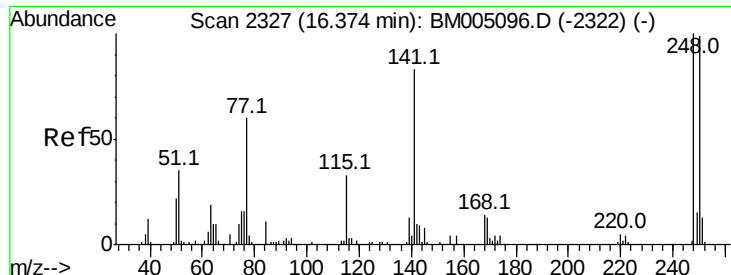
#64  
 N-Nitrosodiphenylamine  
 Concen: 22.18 ng/ul  
 RT: 15.70 min Scan# 2212  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Tgt Ion:169 Resp: 290628  
 Ion Ratio Lower Upper  
 169 100  
 168 65.6 51.8 77.6  
 167 36.0 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

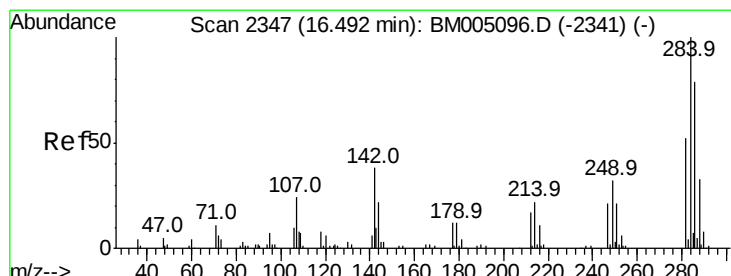
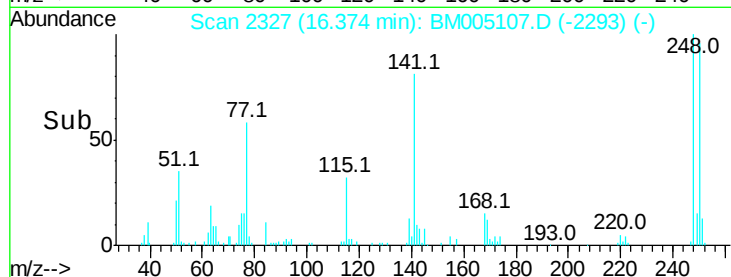
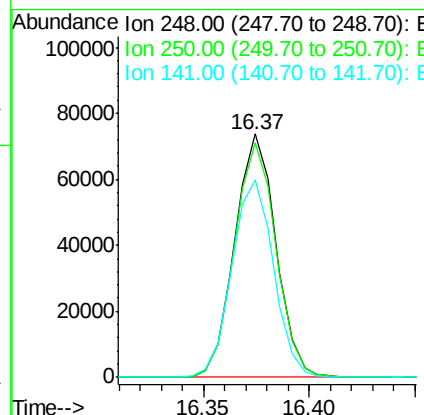
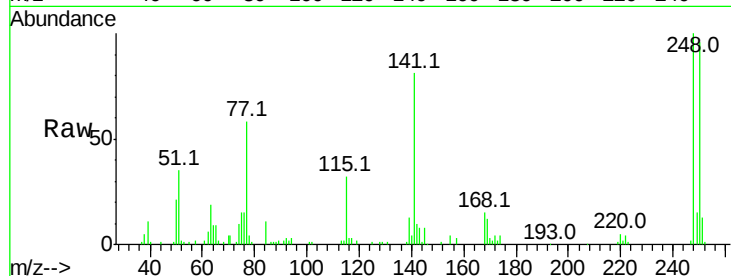




#65  
4-Bromophenyl-phenylether  
Concen: 21.39 ng/ul  
RT: 16.37 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

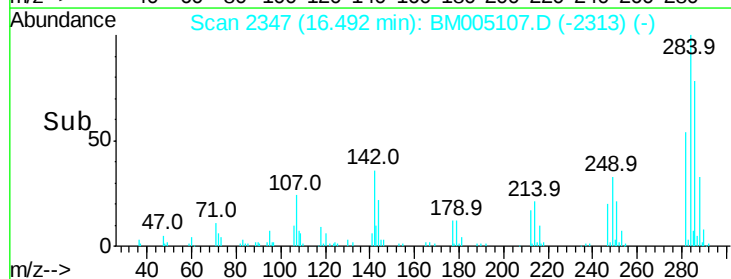
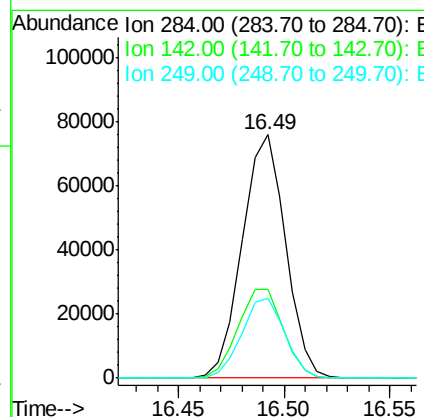
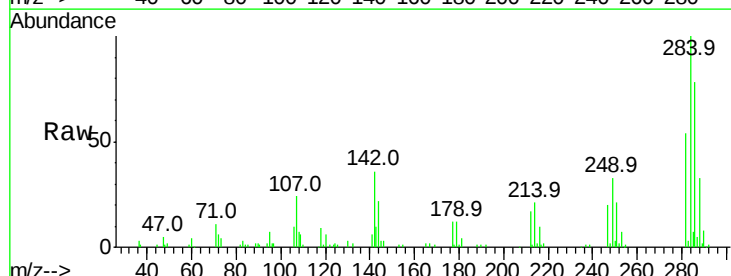
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

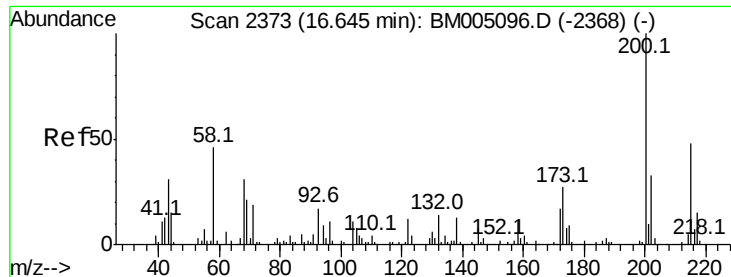
Tot Ion:248 Resp: 99510  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.8 116.6  
141 81.0 62.7 94.1



#66  
Hexachlorobenzene  
Concen: 20.41 ng/ul  
RT: 16.49 min Scan# 2347  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion:284 Resp: 108133  
Ion Ratio Lower Upper  
284 100  
142 36.4 29.8 44.8  
249 32.5 25.9 38.9

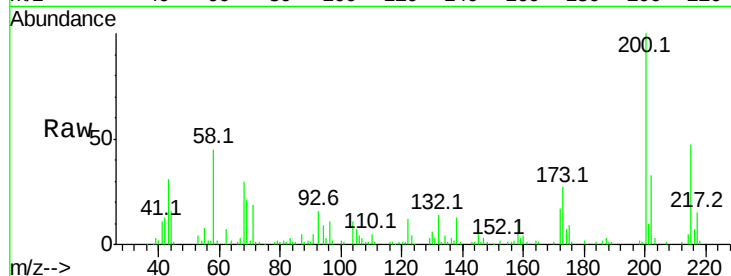




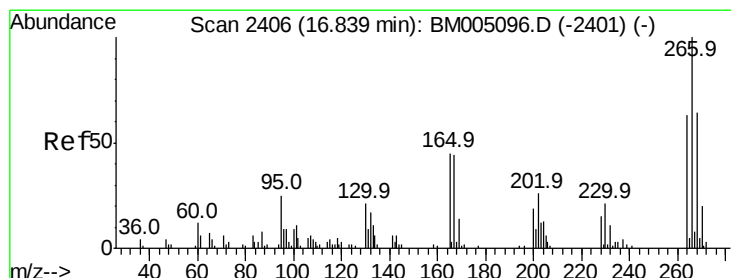
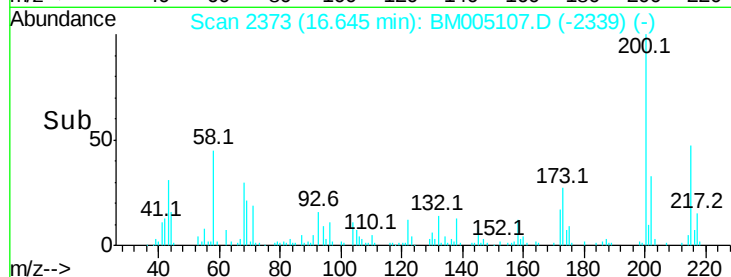
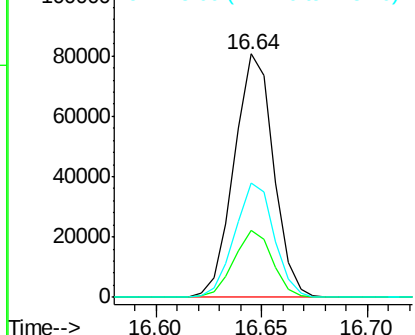
#67  
 Atrazine  
 Concen: 21.60 ng/ul  
 RT: 16.64 min Scan# 2373  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02048

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.4  | 21.0  | 31.4  |
| 215     | 46.8  | 39.4  | 59.2  |

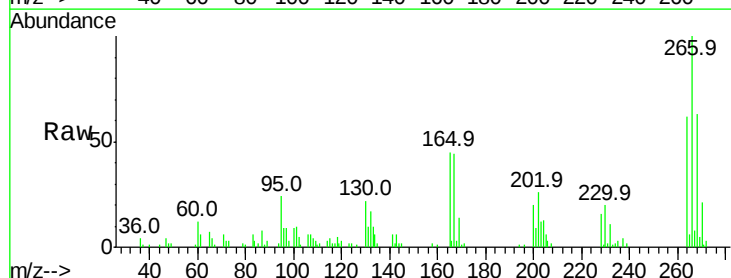


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

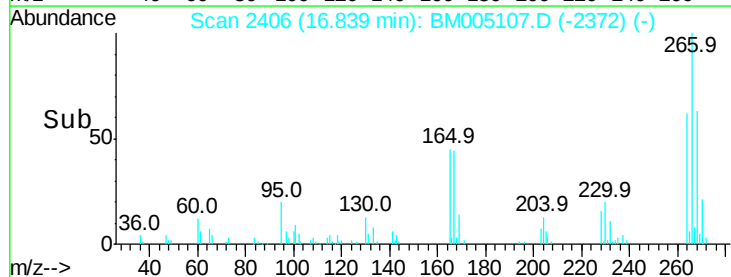
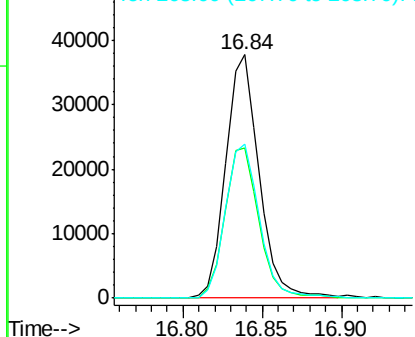


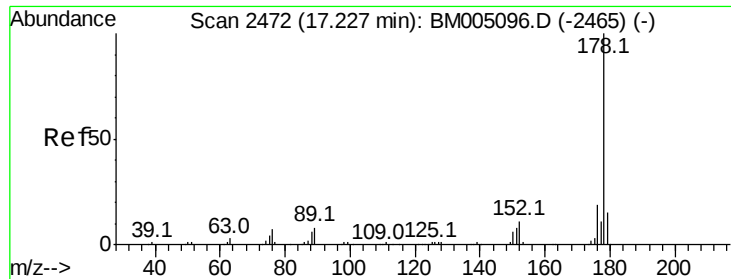
#68  
 Pentachlorophenol  
 Concen: 18.06 ng/ul  
 RT: 16.84 min Scan# 2406  
 Delta R.T. -0.00 min  
 Lab File: BM005107.D  
 Acq: 27 Apr 2016 21:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.7  | 49.8  | 74.6  |
| 268     | 63.3  | 49.6  | 74.4  |



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





#69

Phenanthrene

Concen: 20.71 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

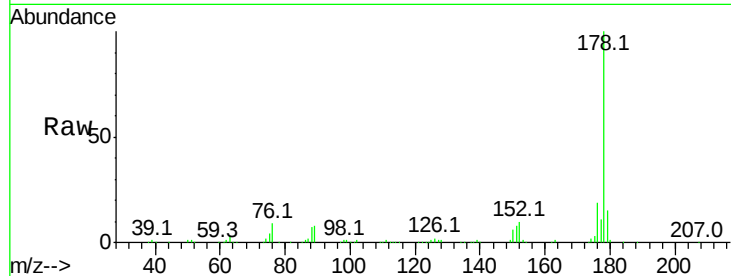
Tot Ion:178 Resp: 525324

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

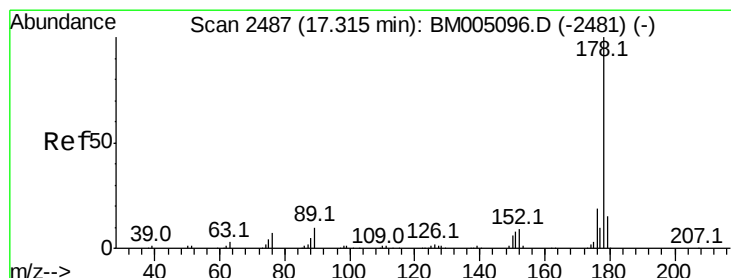
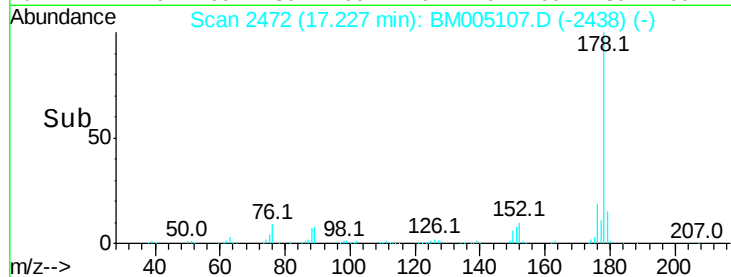
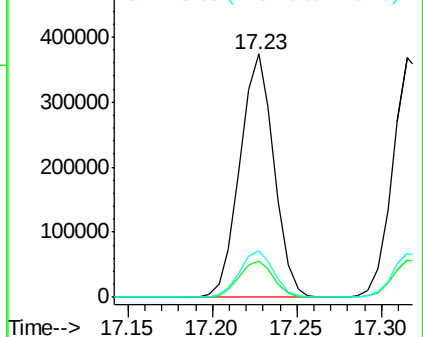
176 19.0 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.11 ng/ul

RT: 17.32 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

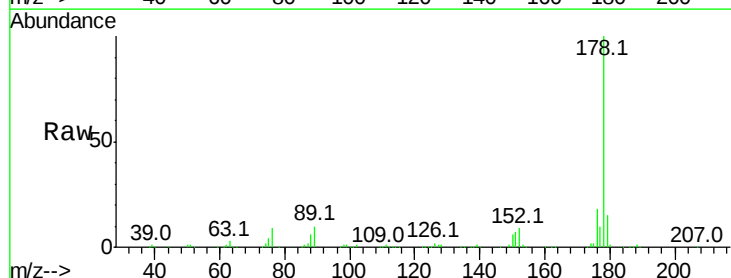
Tgt Ion:178 Resp: 539882

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

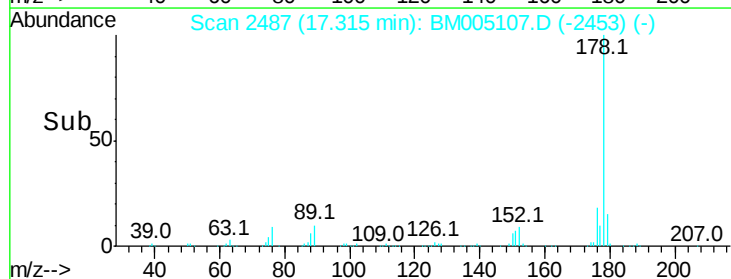
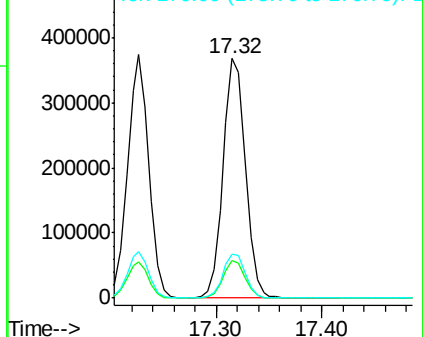
176 18.3 14.6 22.0

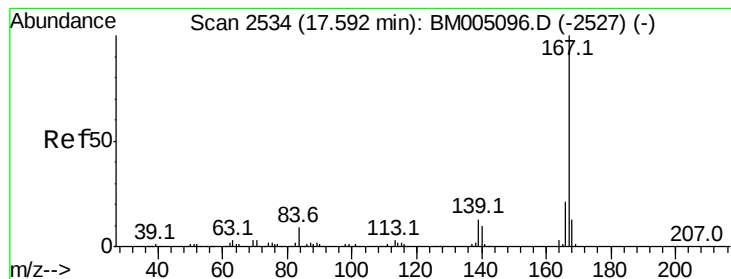


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.70 ng/ul

RT: 17.59 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

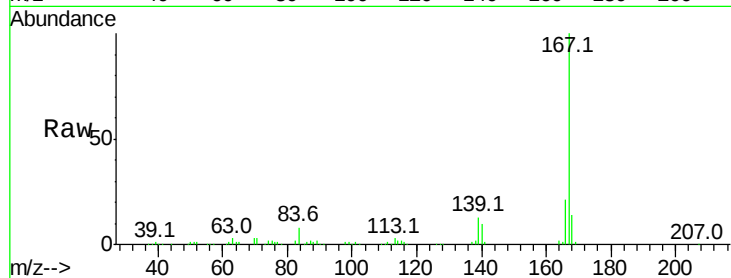
Tot Ion:167 Resp: 475805

Ion Ratio Lower Upper

167 100

166 21.0 16.6 25.0

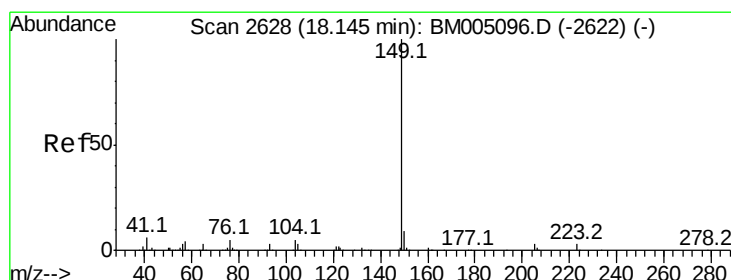
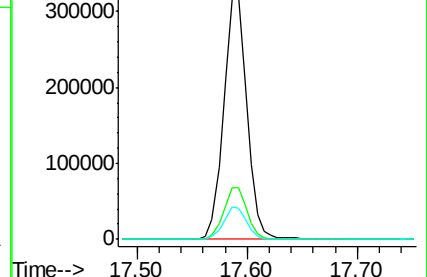
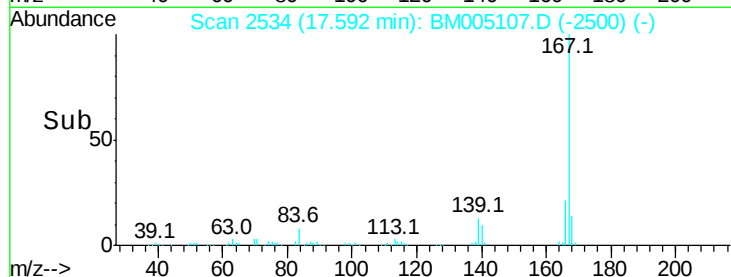
139 13.0 10.2 15.4



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



#73

Di-n-butylphthalate

Concen: 21.77 ng/ul

RT: 18.14 min Scan# 2628

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

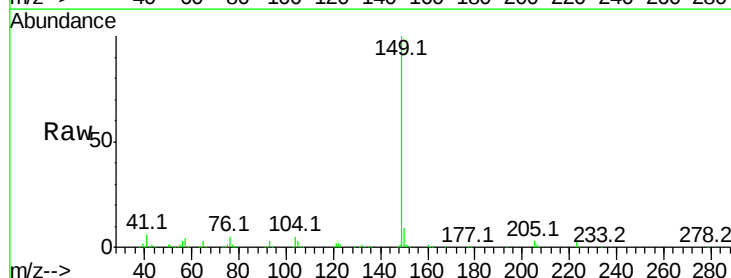
Tgt Ion:149 Resp: 558976

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

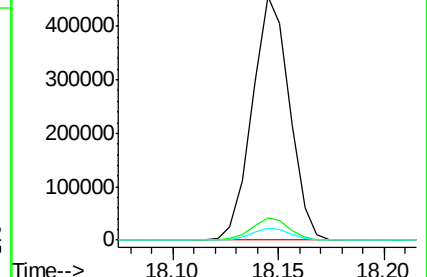
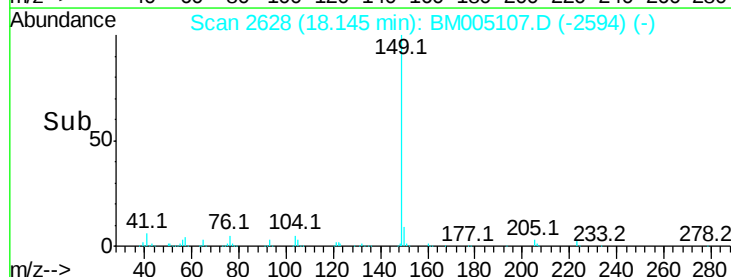
104 5.1 3.9 5.9

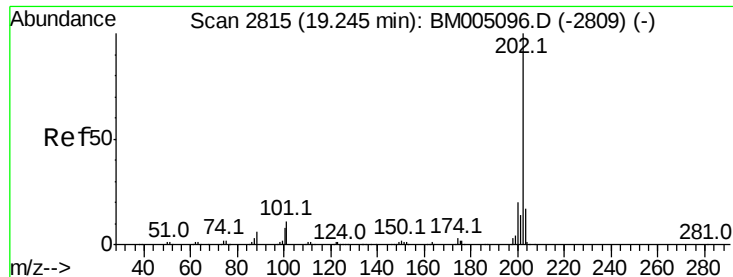


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.93 ng/ul

RT: 19.24 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

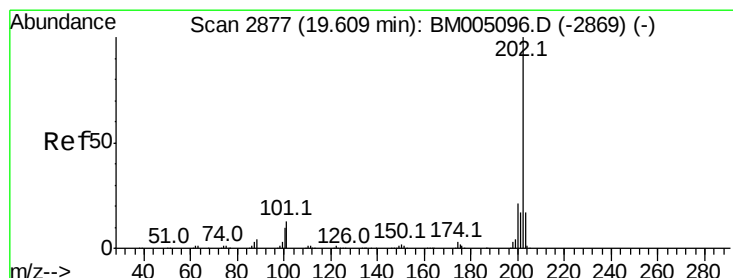
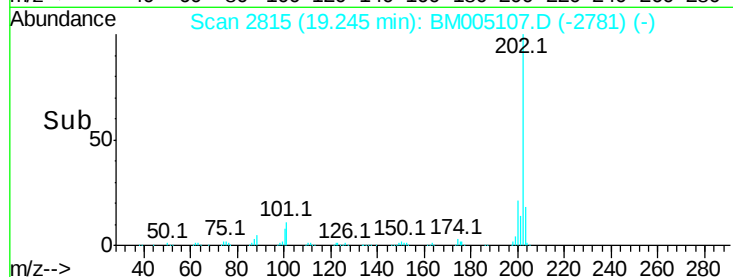
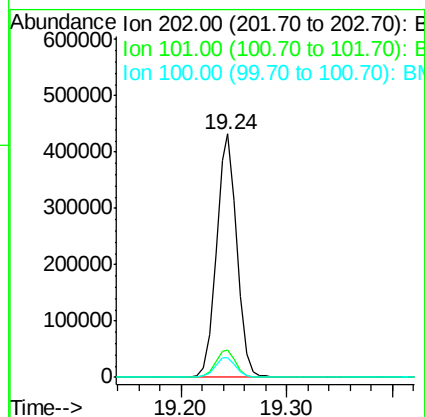
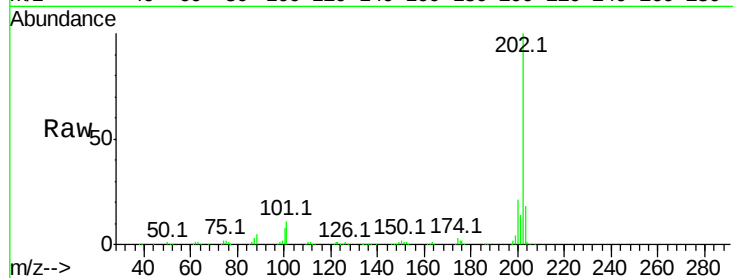
Tot Ion:202 Resp: 584237

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

100 8.3 6.6 10.0



#77

Pyrene

Concen: 24.10 ng/ul

RT: 19.61 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

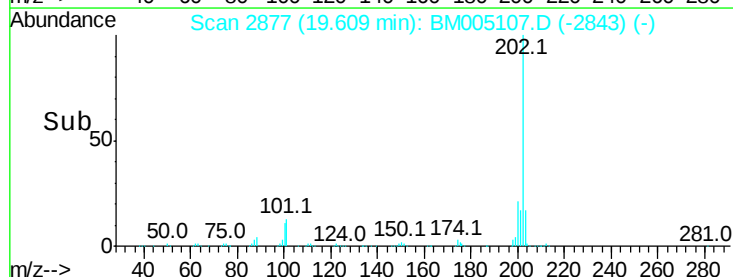
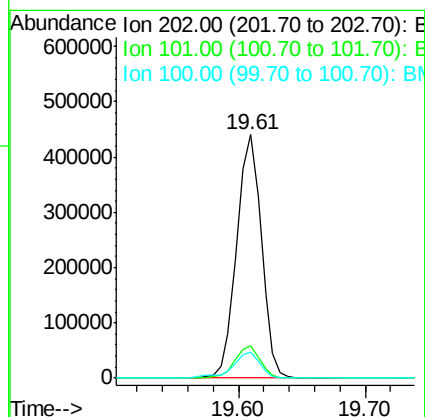
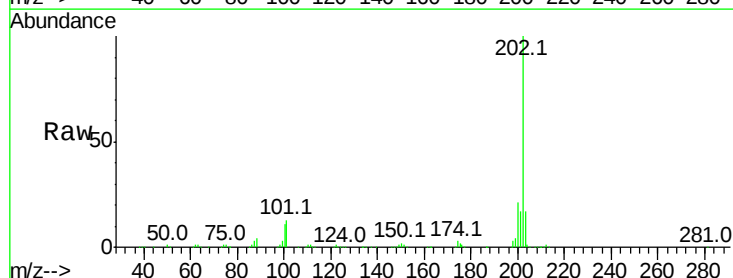
Tgt Ion:202 Resp: 594097

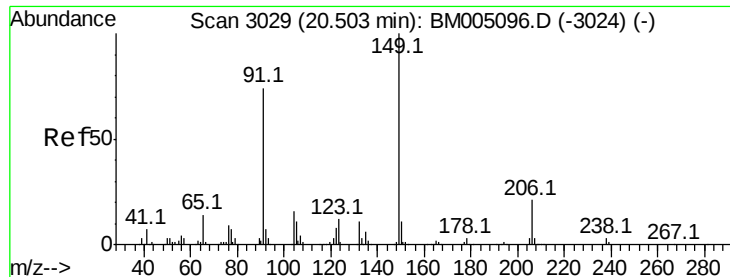
Ion Ratio Lower Upper

202 100

101 13.1 10.5 15.7

100 10.5 8.2 12.2

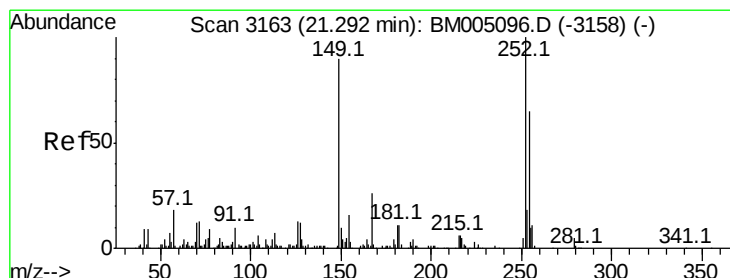
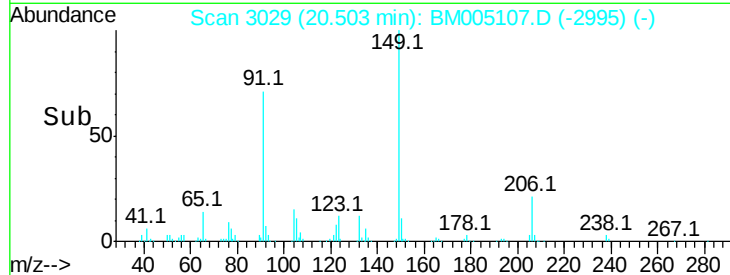
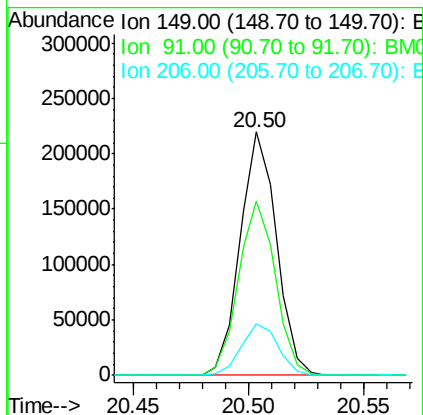
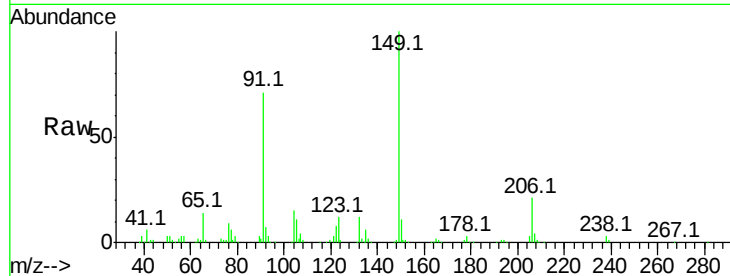




#78  
Butylbenzylphthalate  
Concen: 25.44 ng/ul  
RT: 20.50 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

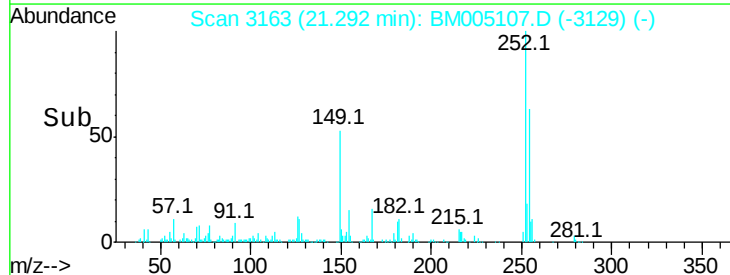
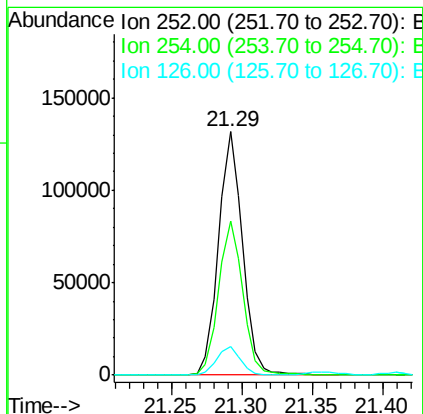
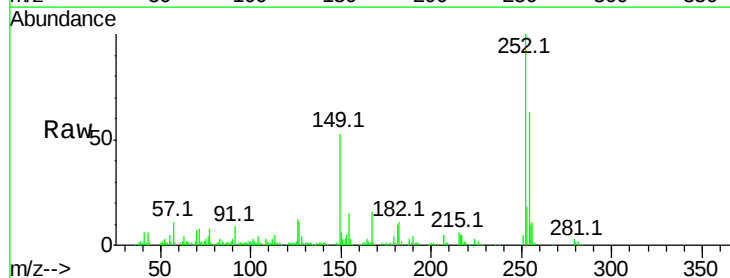
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

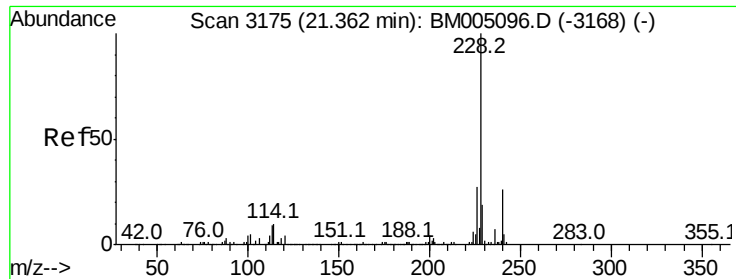
Tot Ion:149 Resp: 241199  
Ion Ratio Lower Upper  
149 100  
91 71.4 57.0 85.6  
206 21.3 16.6 24.8



#79  
3,3'-Dichlorobenzidine  
Concen: 20.44 ng/ul  
RT: 21.29 min Scan# 3163  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

Tgt Ion:252 Resp: 156027  
Ion Ratio Lower Upper  
252 100  
254 63.1 50.4 75.6  
126 11.7 8.7 13.1

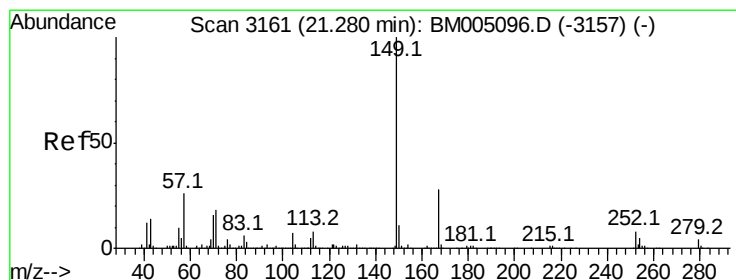
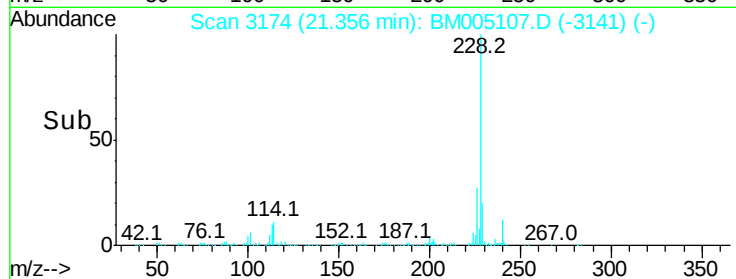
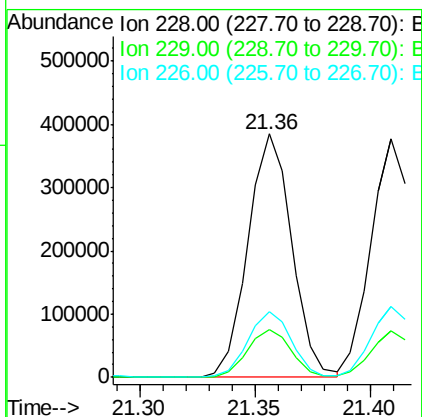
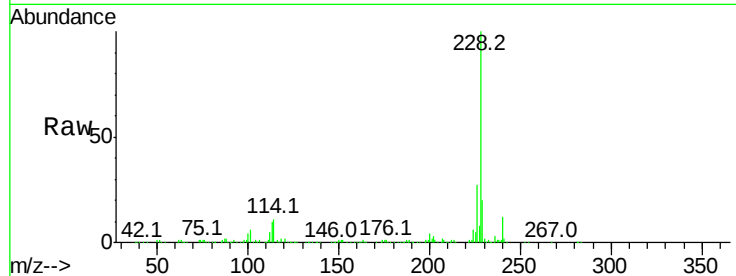




#80  
Benzo(a)anthracene  
Concen: 20.89 ng/ul  
RT: 21.36 min Scan# 3174  
Delta R.T. -0.01 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

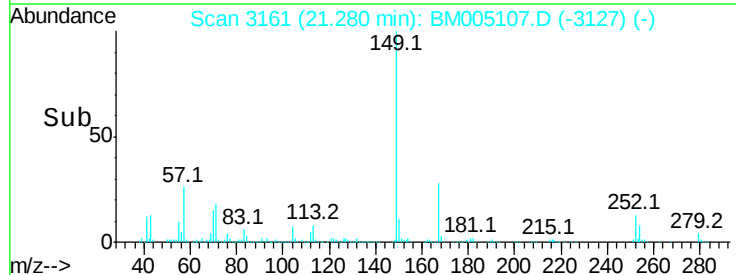
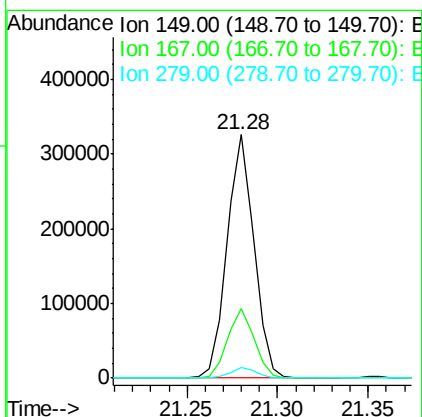
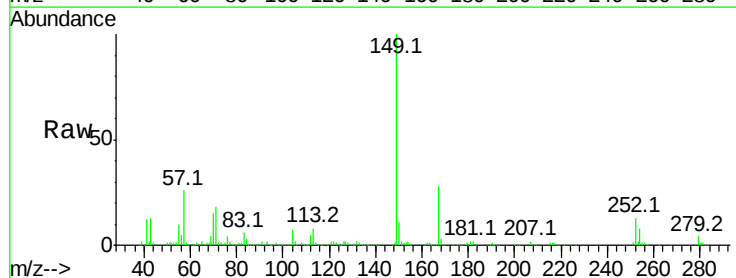
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02048

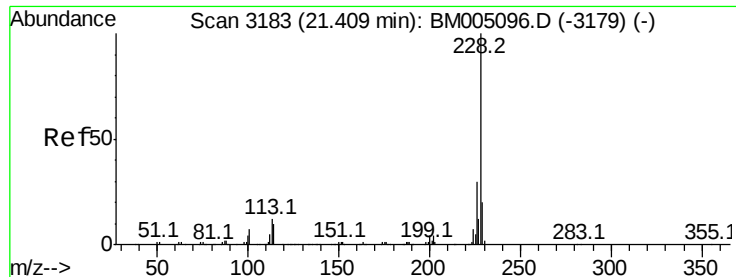
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.8  | 15.8  | 23.6  |
| 226     | 27.2  | 21.5  | 32.3  |



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 25.32 ng/ul  
RT: 21.28 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: BM005107.D  
Acq: 27 Apr 2016 21:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.7  | 34.1  |
| 279     | 4.2   | 3.4   | 5.0   |





#82

Chrysene

Concen: 20.47 ng/ul

RT: 21.41 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

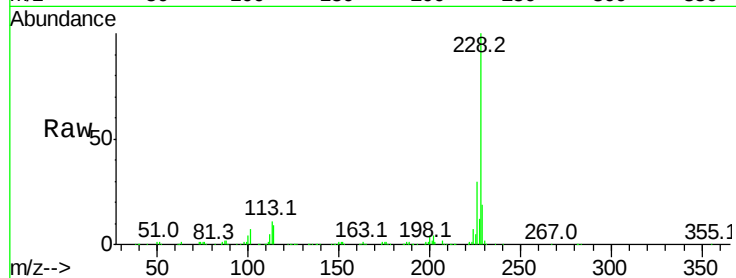
Tot Ion:228 Resp: 478476

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

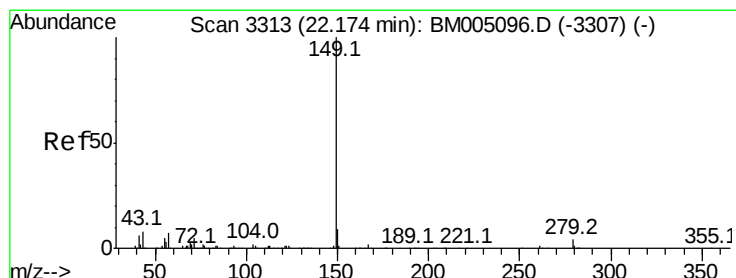
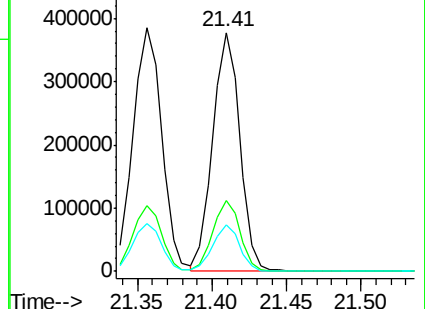
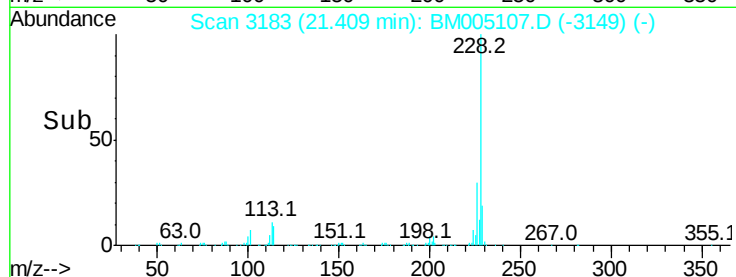
229 19.4 15.5 23.3



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: 25.57 ng/ul

RT: 22.17 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

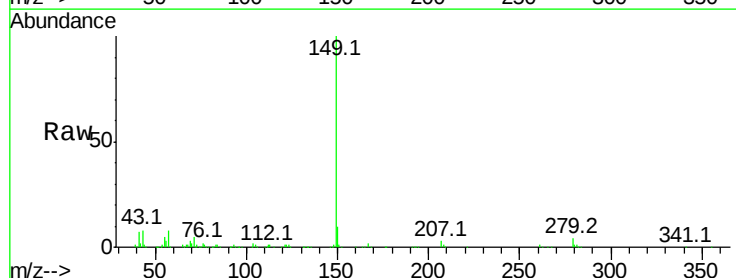
Tgt Ion:149 Resp: 532806

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

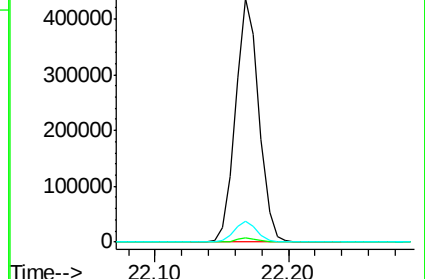
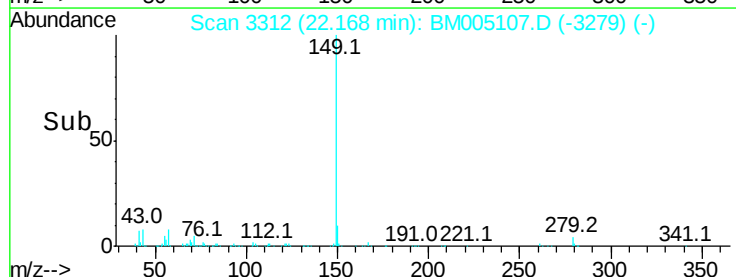
43 8.4 6.4 9.6

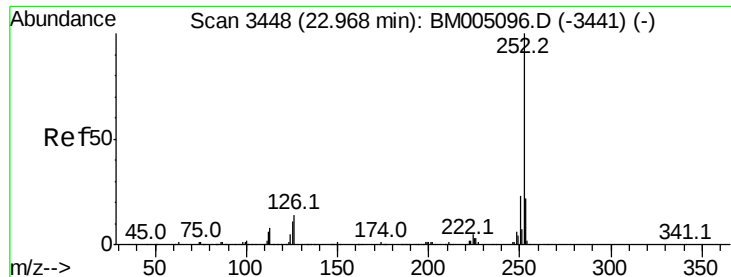


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 21.64 ng/ul

RT: 22.97 min Scan# 3448

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

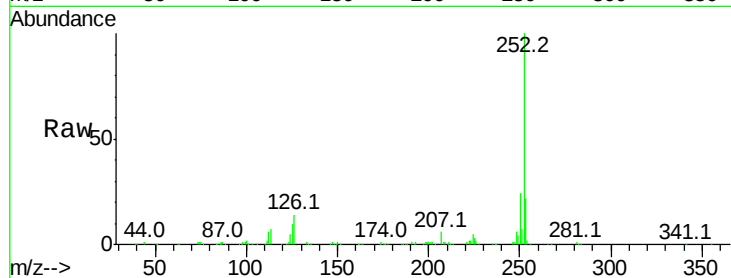
Tot Ion:252 Resp: 436996

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

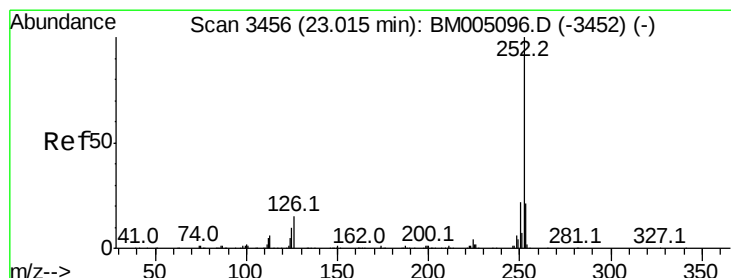
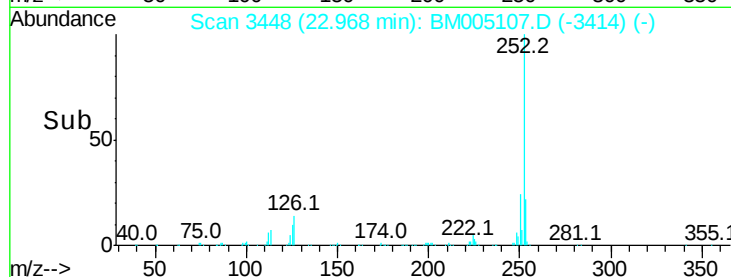
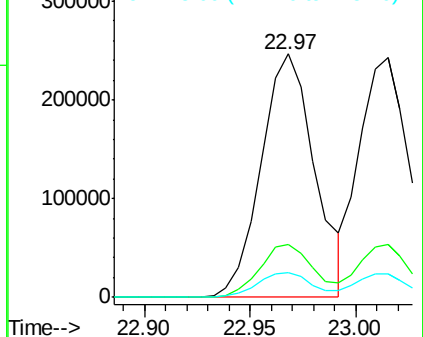
125 10.0 7.8 11.6



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



#86

Benzo(k)fluoranthene

Concen: 20.57 ng/ul

RT: 23.01 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

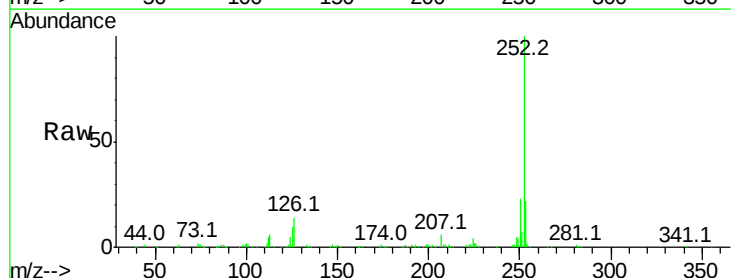
Tgt Ion:252 Resp: 403911

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

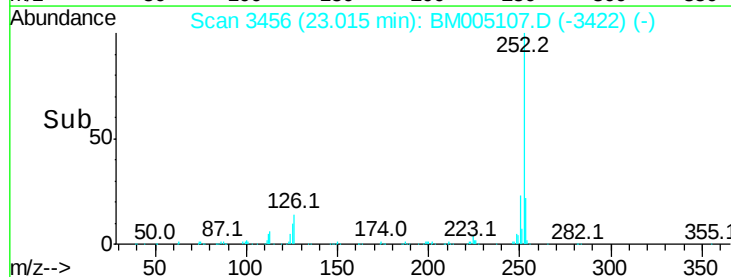
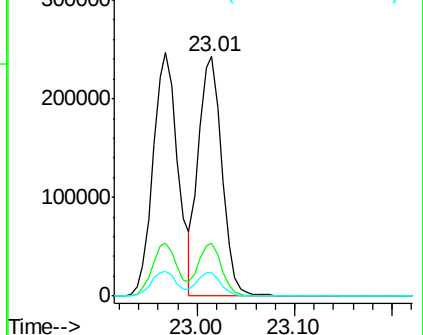
125 10.0 7.9 11.9

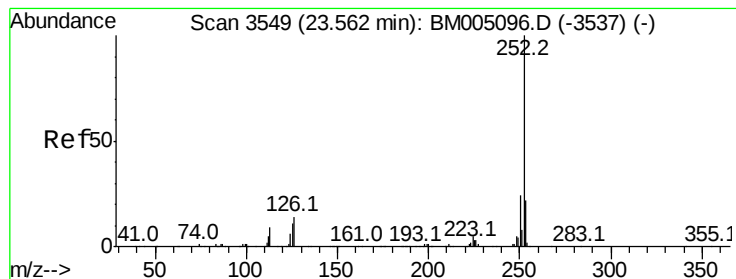


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.91 ng/ul

RT: 23.56 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

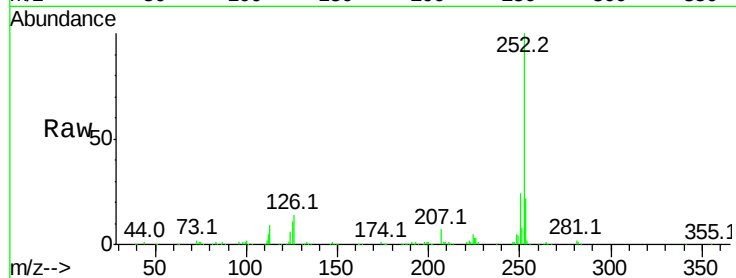
Tot Ion:252 Resp: 394178

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

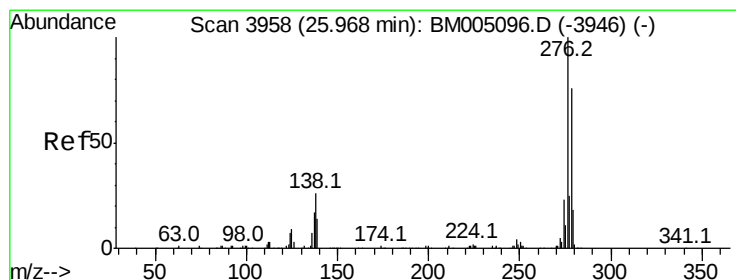
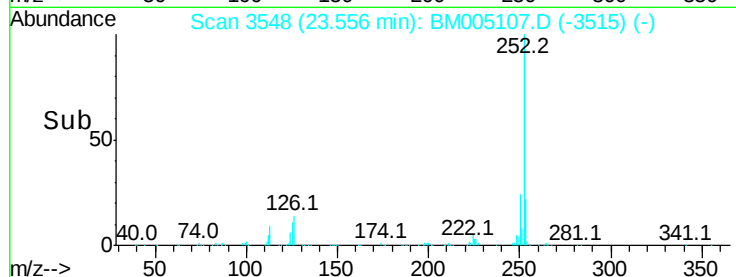
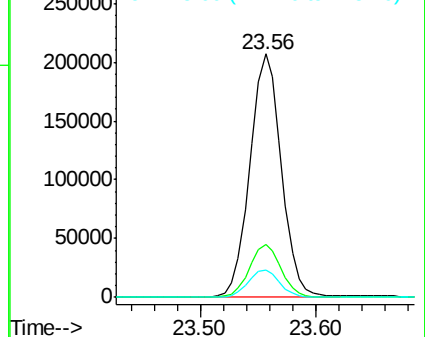
125 11.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 23.83 ng/ul

RT: 25.97 min Scan# 3958

Delta R.T. -0.00 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

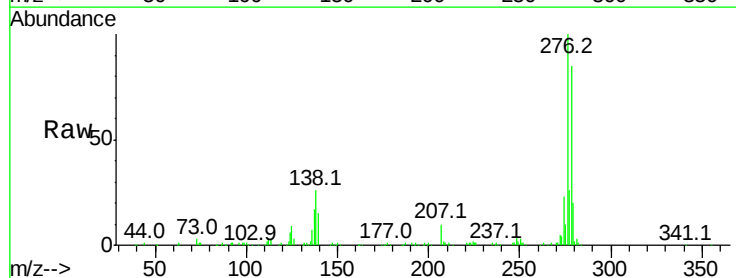
Tgt Ion:276 Resp: 428635

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

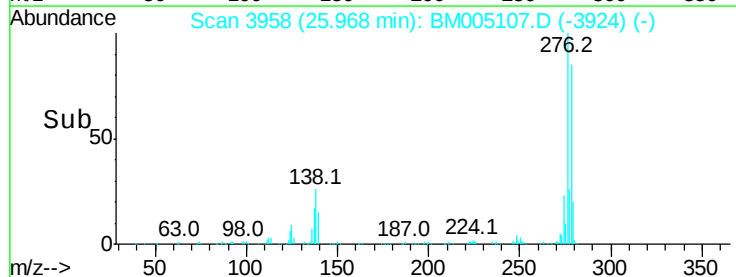
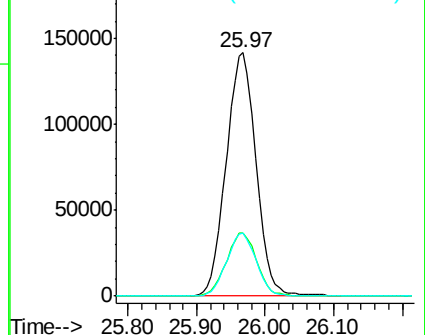
277 25.7 20.4 30.6

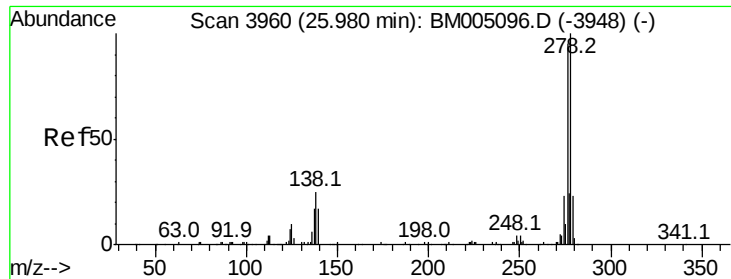


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 24.22 ng/ul

RT: 25.97 min Scan# 3959

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

Instrument :

BNA\_M

ClientSampleId :

SSTD02048

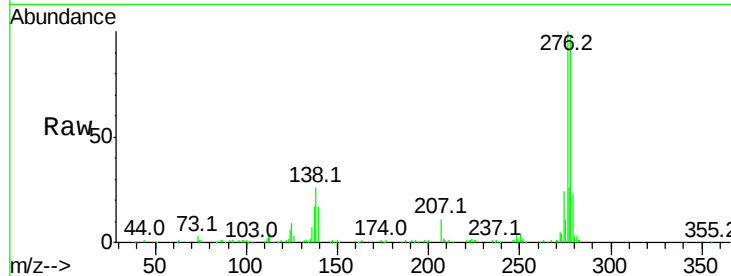
Tot Ion:278 Resp: 363970

Ion Ratio Lower Upper

278 100

139 16.9 12.6 19.0

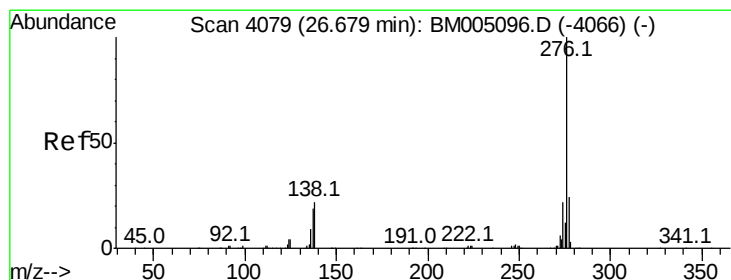
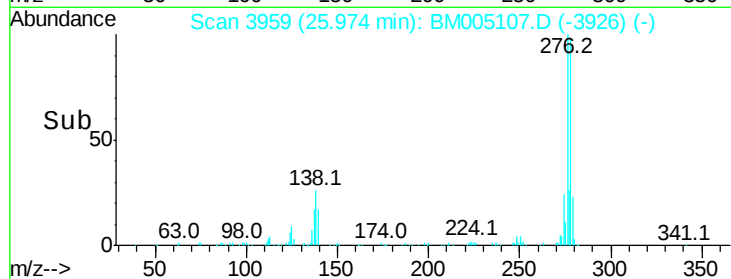
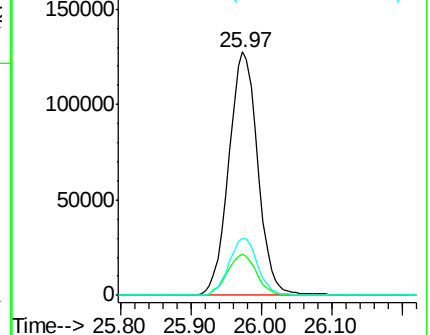
279 23.1 19.1 28.7



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: 24.59 ng/ul

RT: 26.67 min Scan# 4078

Delta R.T. -0.01 min

Lab File: BM005107.D

Acq: 27 Apr 2016 21:19

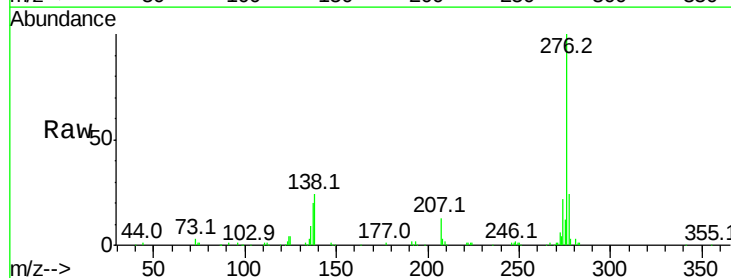
Tgt Ion:276 Resp: 361874

Ion Ratio Lower Upper

276 100

138 24.3 17.4 26.2

277 23.8 19.0 28.4



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

