

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM120615\  
 Data File : BM003397.D  
 Acq On : 06 Dec 2015 21:08  
 Operator : UM/IZ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

Quant Time: Dec 07 05:00:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM120115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 07 04:58:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 70599    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 306206   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.37 | 164  | 165278   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.12 | 188  | 340061   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.32 | 240  | 340216   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 325390   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 12210  | 8.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 112215 | 19.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 64953  | 20.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 94893  | 20.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 91554  | 19.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 43884  | 21.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 45948  | 21.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 89316  | 20.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 104796 | 21.39 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.78 | 166 | 252296 | 20.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.06 | 160 | 323259 | 21.16 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.57 | 143 | 41824  | 18.78 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.37 | 176 | 219335 | 20.51 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 32512  | 18.69 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.22 | 188 | 313240 | 20.73 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.52 | 212 | 325884 | 19.57 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.43 | 264 | 324063 | 20.64 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.22  | 88  | 14437  | 8.53 ng/uL  | 97     |
| 4) Benzaldehyde                | 6.86  | 77  | 66169  | 19.09 ng/ul | 99     |
| 6) Phenol                      | 6.92  | 94  | 121593 | 20.43 ng/ul | 100    |
| 8) Bis(2-Chloroethyl)ether     | 7.15  | 93  | 94900  | 20.68 ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.29  | 128 | 101895 | 20.64 ng/ul | 98     |
| 11) 2-Methylphenol             | 8.16  | 108 | 90569  | 19.55 ng/ul | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 8.26  | 45  | 94859  | 20.71 ng/ul | 99     |
| 14) Acetophenone               | 8.54  | 105 | 149631 | 20.64 ng/ul | 99     |
| 15) N-Nitroso-di-n-propylamine | 8.53  | 70  | 68177  | 19.94 ng/ul | 99     |
| 16) 4-Methylphenol             | 8.49  | 108 | 102576 | 20.00 ng/ul | 97     |
| 17) Hexachloroethane           | 8.80  | 117 | 38037  | 20.96 ng/ul | 98     |
| 20) Nitrobenzene               | 8.92  | 77  | 103379 | 21.42 ng/ul | 97     |
| 21) Isophorone                 | 9.44  | 82  | 181173 | 20.11 ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.63  | 139 | 53397  | 21.27 ng/ul | 99     |
| 24) 2,4-Dimethylphenol         | 9.69  | 107 | 110686 | 21.03 ng/ul | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.93  | 93  | 123922 | 20.57 ng/ul | 98     |
| 27) 2,4-Dichlorophenol         | 10.16 | 162 | 94695  | 20.77 ng/ul | 98     |
| 28) Naphthalene                | 10.56 | 128 | 325918 | 21.08 ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.67 | 127 | 110154 | 21.89 ng/ul | 98     |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 58247  | 21.12 ng/ul | 99     |
| 32) Caprolactam                | 11.42 | 113 | 21871  | 16.44 ng/ul | 96     |
| 33) 4-Chloro-3-methylphenol    | 11.80 | 107 | 95309  | 19.87 ng/ul | 99     |
| 34) 2-Methylnaphthalene        | 12.18 | 142 | 231013 | 20.46 ng/ul | 100    |

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Instrument :  
 BNA\_M  
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 SSTD02039

Quant Time: Dec 07 05:00:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM120115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 07 04:58:23 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.40 | 142  | 217552   | 20.38 | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216  | 113149   | 21.77 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.53 | 237  | 59453    | 19.89 | ng/ul | 99       |
| 39) 2,4,6-Trichlorophenol      | 12.80 | 196  | 66665    | 20.58 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.86 | 196  | 74023    | 20.62 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.20 | 154  | 294166   | 21.35 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.24 | 162  | 218739   | 21.27 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.45 | 65   | 47457    | 20.69 | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.83 | 163  | 260395   | 20.36 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.95 | 165  | 47101    | 20.08 | ng/ul | 97       |
| 48) Acenaphthylene             | 14.09 | 152  | 357041   | 21.39 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.28 | 138  | 47910    | 19.42 | ng/ul | 98       |
| 50) Acenaphthene               | 14.44 | 153  | 234168   | 21.01 | ng/ul | 100      |
| 51) 2,4-Dinitrophenol          | 14.49 | 184  | 19504    | 15.99 | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.58 | 109  | 33650    | 19.29 | ng/ul | 96       |
| 54) Dibenzofuran               | 14.77 | 168  | 328785   | 20.82 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.74 | 165  | 69231    | 20.30 | ng/ul | 98       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 56225    | 20.08 | ng/ul | 96       |
| 57) Diethylphthalate           | 15.20 | 149  | 251008   | 20.27 | ng/ul | 100      |
| 59) Fluorene                   | 15.42 | 166  | 256303   | 20.95 | ng/ul | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.42 | 204  | 124238   | 20.79 | ng/ul | 97       |
| 61) 4-Nitroaniline             | 15.44 | 138  | 52165    | 18.87 | ng/ul | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.50 | 198  | 35317    | 18.68 | ng/ul | 99       |
| 65) N-Nitrosodiphenylamine     | 15.63 | 169  | 215601   | 20.78 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.32 | 248  | 70186    | 20.51 | ng/ul | 98       |
| 67) Hexachlorobenzene          | 16.43 | 284  | 76696    | 20.19 | ng/ul | 96       |
| 68) Atrazine                   | 16.59 | 200  | 67674    | 19.63 | ng/ul | 100      |
| 69) Pentachlorophenol          | 16.77 | 266  | 36464    | 17.69 | ng/ul | 98       |
| 70) Phenanthrene               | 17.16 | 178  | 387728   | 20.71 | ng/ul | 100      |
| 72) Anthracene                 | 17.25 | 178  | 395327   | 20.95 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216  | 117746   | 21.48 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.69 | 250  | 102046   | 21.01 | ng/uL | 99       |
| 75) Carbazole                  | 17.52 | 167  | 347480   | 21.30 | ng/ul | 100      |
| 76) Di-n-butylphthalate        | 18.09 | 149  | 363496   | 20.70 | ng/ul | 99       |
| 77) Fluoranthene               | 19.19 | 202  | 412503   | 21.81 | ng/ul | 98       |
| 80) Pyrene                     | 19.55 | 202  | 435961   | 19.80 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.46 | 149  | 141810   | 19.74 | ng/ul | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 107450   | 19.37 | ng/ul | 100      |
| 83) Benzo(a)anthracene         | 21.30 | 228  | 406256   | 20.89 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 205919   | 20.63 | ng/ul | 100      |
| 85) Chrysene                   | 21.36 | 228  | 392447   | 20.94 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 22.12 | 149  | 351411   | 18.21 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.90 | 252  | 402045   | 21.14 | ng/ul | 100      |
| 89) Benzo(k)fluoranthene       | 22.94 | 252  | 373232   | 20.00 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.48 | 252  | 384972   | 20.86 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.85 | 276  | 436136   | 21.10 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.86 | 278  | 369432   | 21.11 | ng/ul | 99       |
| 94) Benzo(g,h,i)perylene       | 26.55 | 276  | 366506   | 21.05 | ng/ul | 98       |

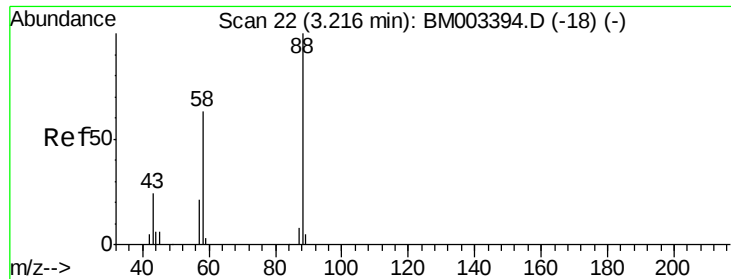
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM120615\  
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| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.53 ng/uL

RT: 3.22 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

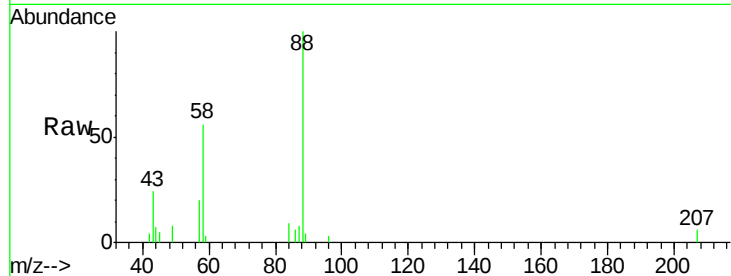
Tgt Ion: 88 Resp: 14437

Ion Ratio Lower Upper

88 100

43 25.5 19.5 29.3

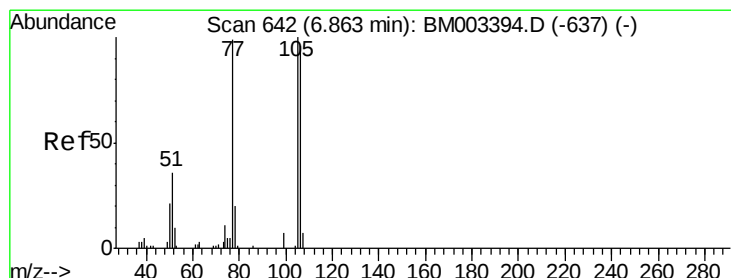
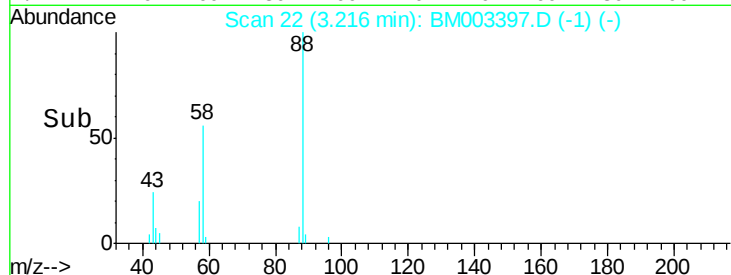
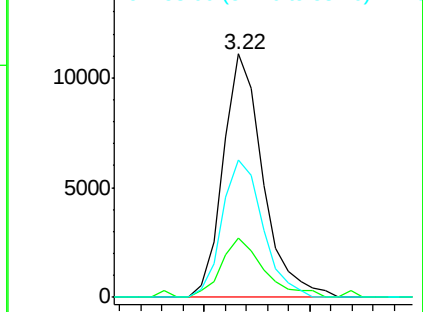
58 57.6 47.7 71.5



Abundance Ion 88.00 (87.70 to 88.70): BM003397.D (-18) (-)

Ion 43.00 (42.70 to 43.70): BM003397.D (-18) (-)

Ion 58.00 (57.70 to 58.70): BM003397.D (-18) (-)



#4

Benzaldehyde

Concen: 19.09 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

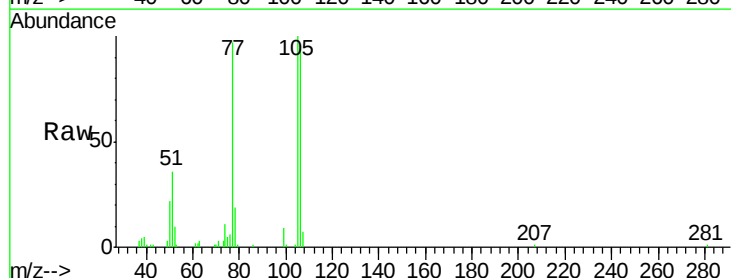
Tgt Ion: 77 Resp: 66169

Ion Ratio Lower Upper

77 100

105 103.5 82.9 124.3

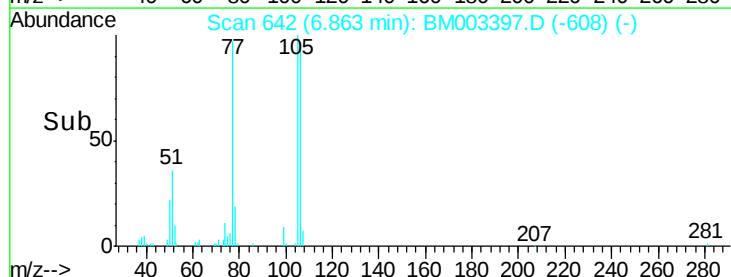
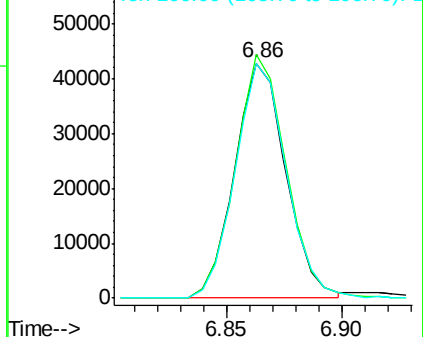
106 99.6 78.2 117.2

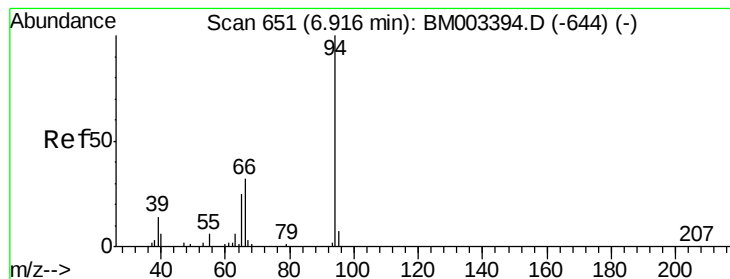


Abundance Ion 77.00 (76.70 to 77.70): BM003397.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM003397.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM003397.D (-637) (-)





#6

Phenol

Concen: 20.43 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

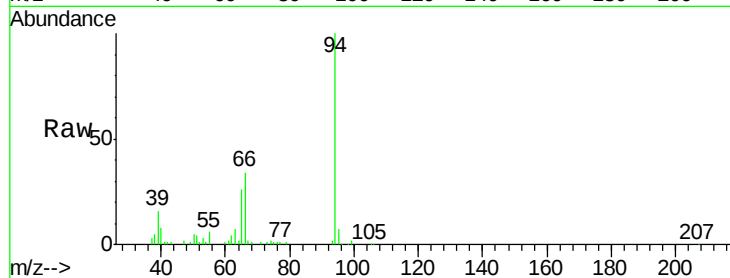
Tgt Ion: 94 Resp: 121593

Ion Ratio Lower Upper

94 100

65 25.6 20.6 30.8

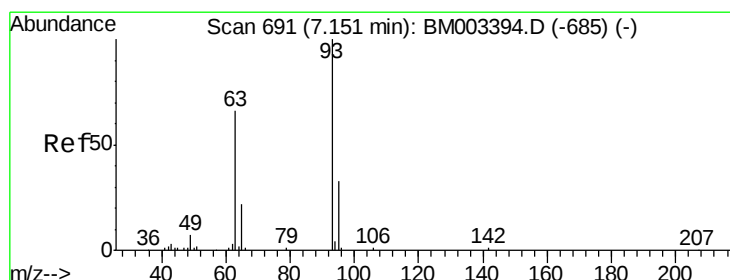
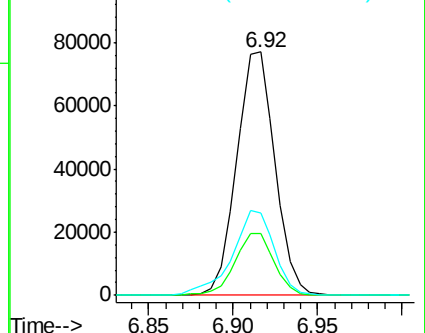
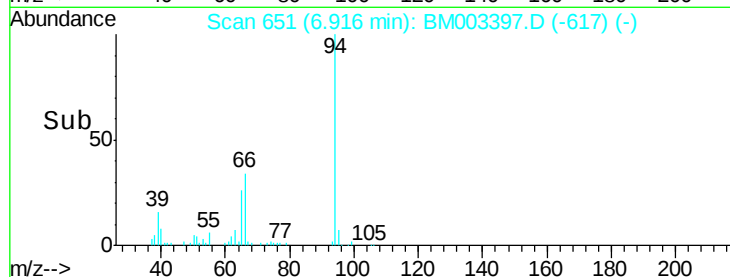
66 33.9 27.4 41.0



Abundance Ion 94.00 (93.70 to 94.70): BM003397.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM003397.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM003397.D (-617) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.68 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

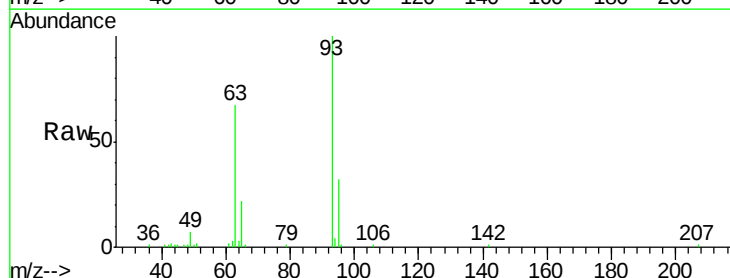
Tgt Ion: 93 Resp: 94900

Ion Ratio Lower Upper

93 100

63 67.0 52.9 79.3

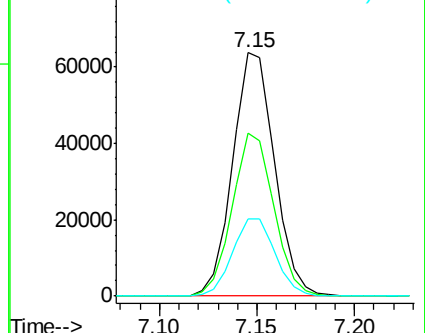
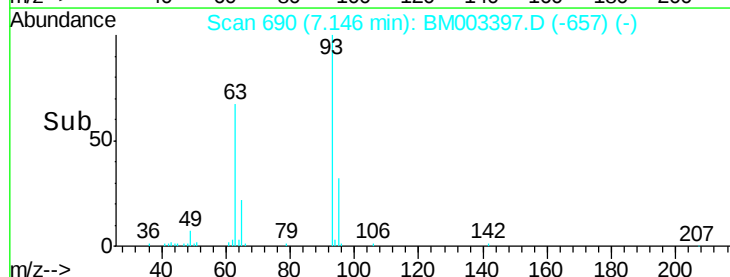
95 31.9 26.1 39.1

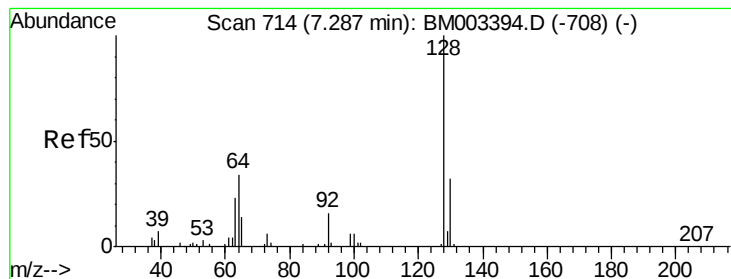


Abundance Ion 93.00 (92.70 to 93.70): BM003397.D (-657) (-)

Ion 63.00 (62.70 to 63.70): BM003397.D (-657) (-)

Ion 95.00 (94.70 to 95.70): BM003397.D (-657) (-)





#10

2-Chlorophenol

Concen: 20.64 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

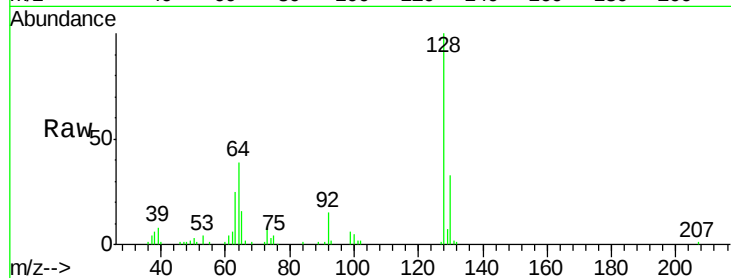
Tgt Ion:128 Resp: 101895

Ion Ratio Lower Upper

128 100

64 38.6 31.8 47.6

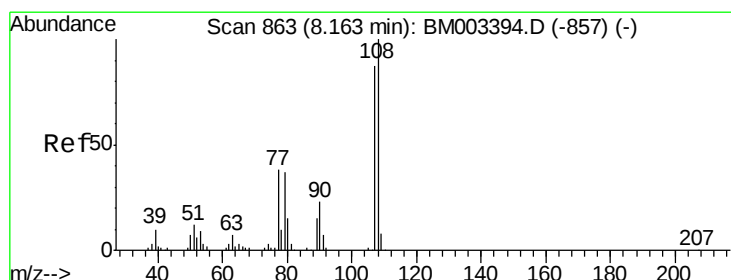
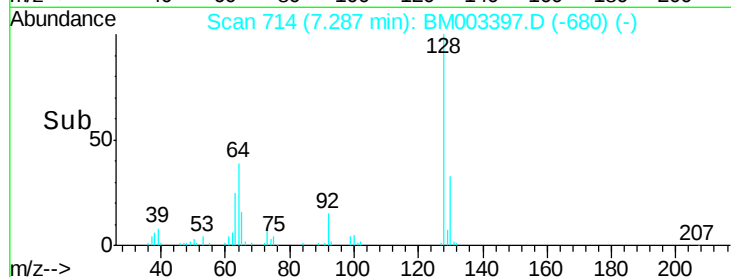
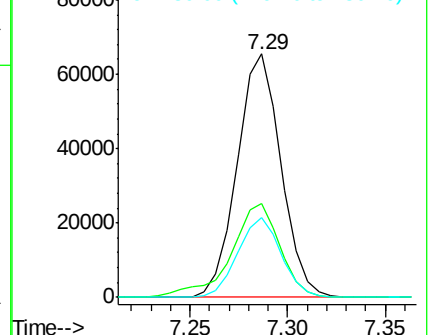
130 32.8 24.9 37.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.55 ng/ul

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003397.D

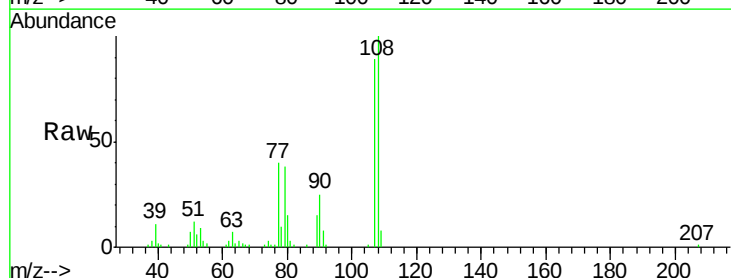
Acq: 06 Dec 2015 21:08

Tgt Ion:108 Resp: 90569

Ion Ratio Lower Upper

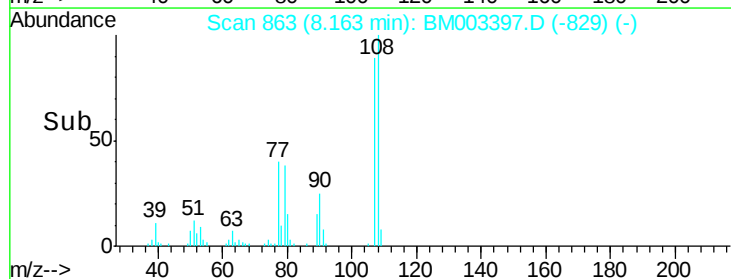
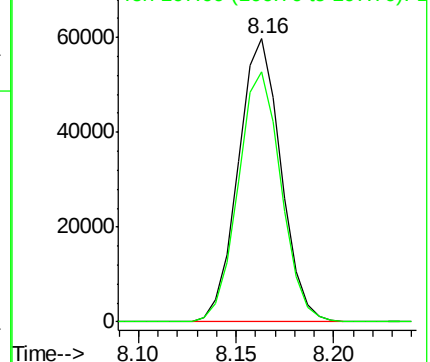
108 100

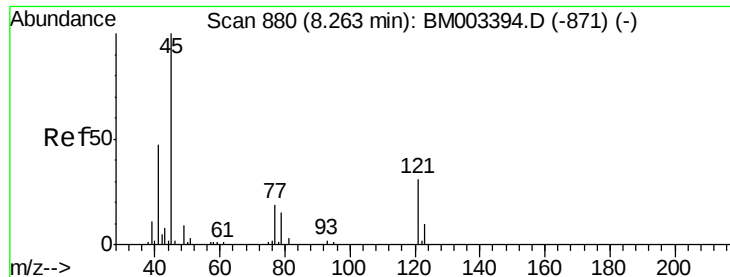
107 88.6 70.9 106.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

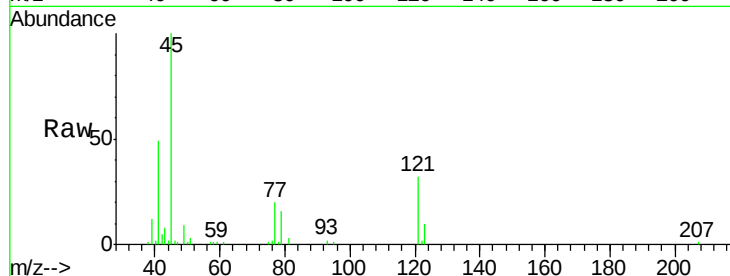




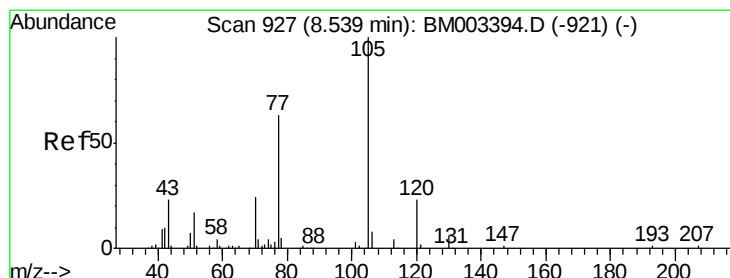
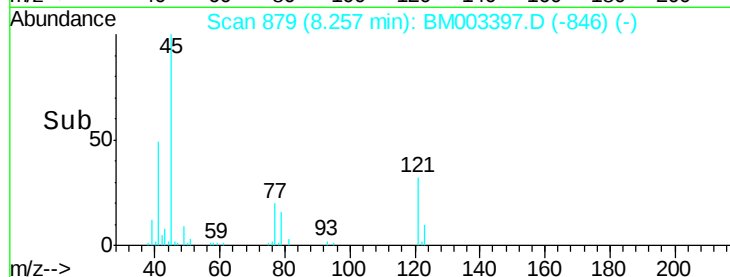
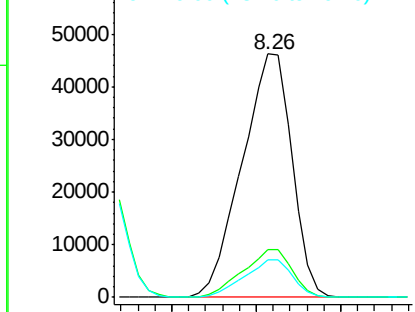
#12  
2,2'-oxybis(1-chloropropane)  
Concen: 20.71 ng/ul  
RT: 8.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.6  | 15.2  | 22.8  |
| 79      | 15.7  | 12.3  | 18.5  |

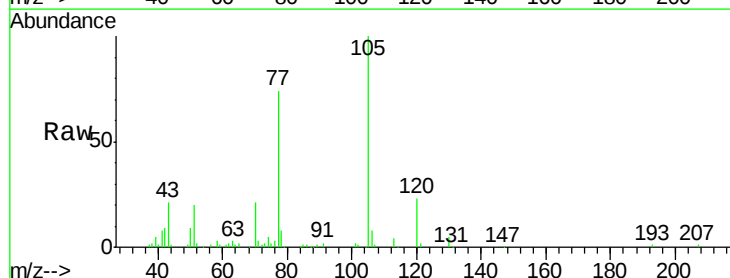


Abundance Ion 45.00 (44.70 to 45.70): BM003394.D (-871) (-)  
Ion 77.00 (76.70 to 77.70): BM003394.D (-871) (-)  
Ion 79.00 (78.70 to 79.70): BM003394.D (-871) (-)

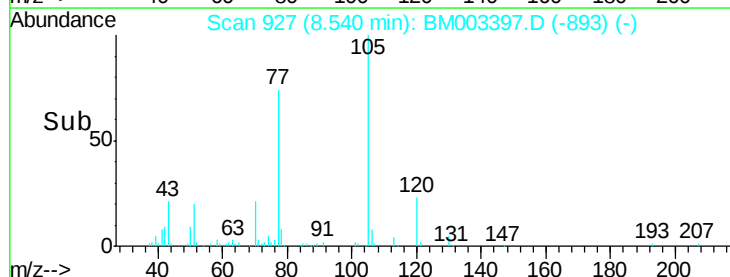
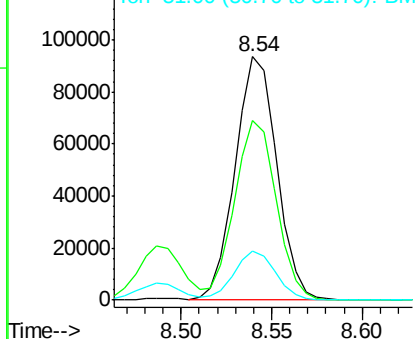


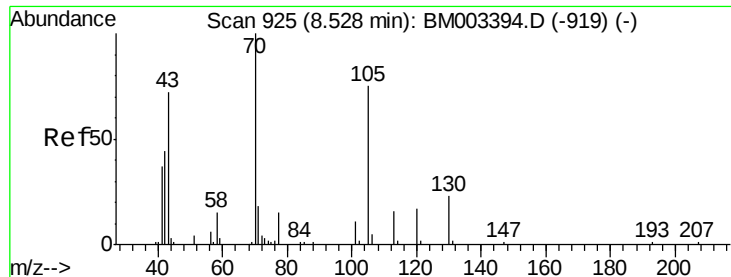
#14  
Acetophenone  
Concen: 20.64 ng/ul  
RT: 8.54 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 74.0  | 58.2  | 87.4  |
| 51      | 20.4  | 15.7  | 23.5  |



Abundance Ion 105.00 (104.70 to 105.70): BM003394.D (-921) (-)  
Ion 77.00 (76.70 to 77.70): BM003394.D (-921) (-)  
Ion 51.00 (50.70 to 51.70): BM003394.D (-921) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.94 ng/ul

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

Tgt Ion: 70 Resp: 68177

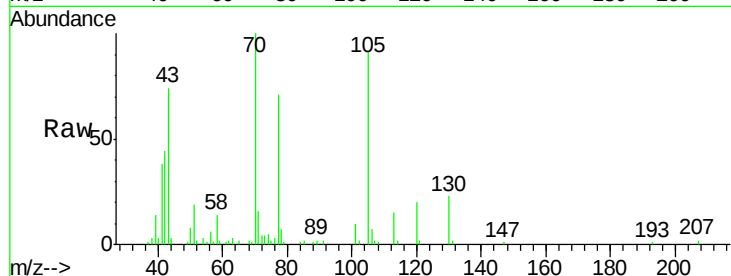
Ion Ratio Lower Upper

70 100

42 44.1 35.0 52.6

101 9.9 8.6 13.0

130 22.6 18.6 27.8

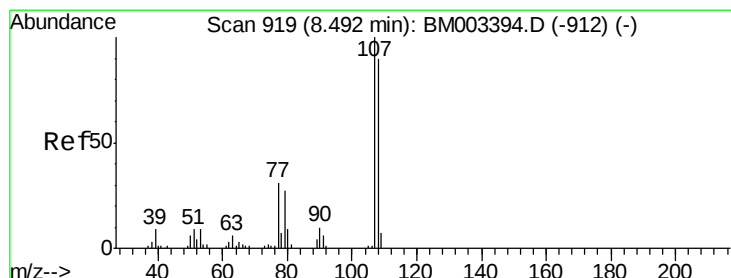
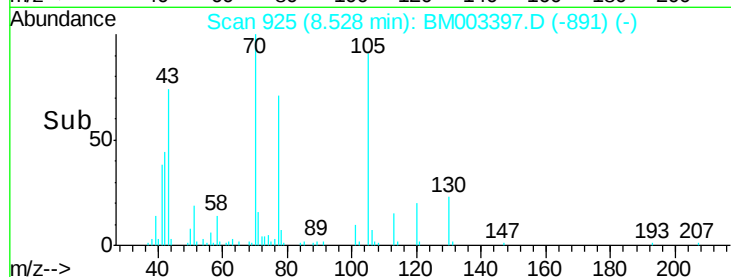
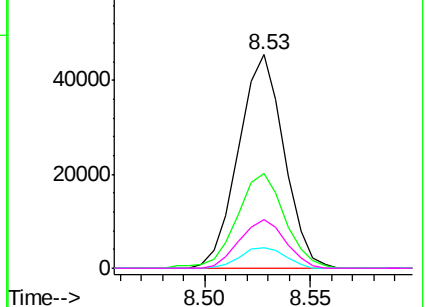


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.00 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BM003397.D

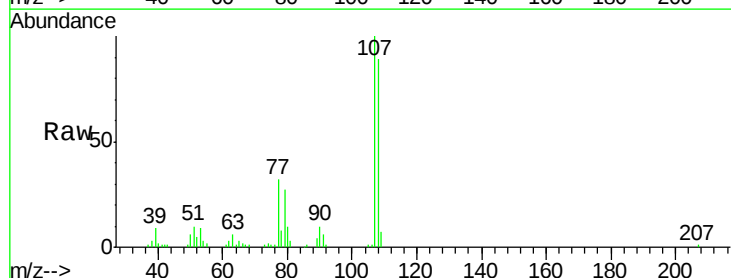
Acq: 06 Dec 2015 21:08

Tgt Ion: 108 Resp: 102576

Ion Ratio Lower Upper

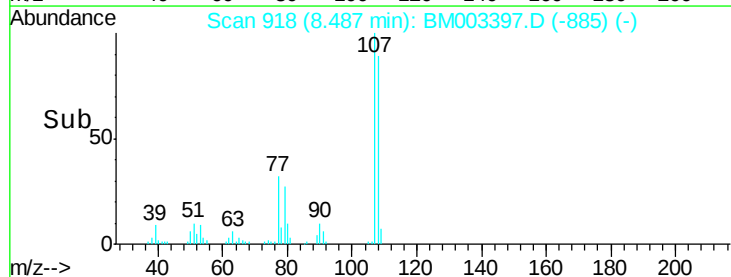
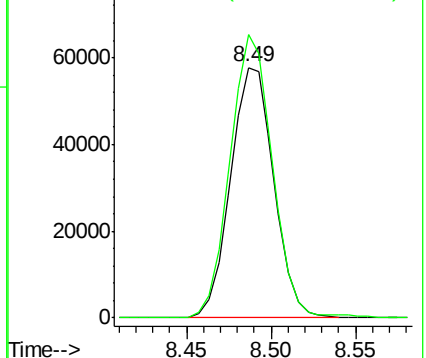
108 100

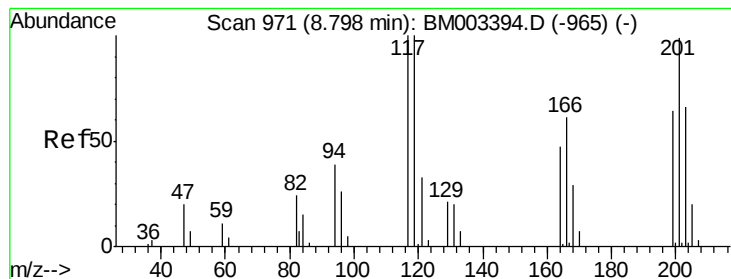
107 113.0 88.2 132.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 20.96 ng/ul

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

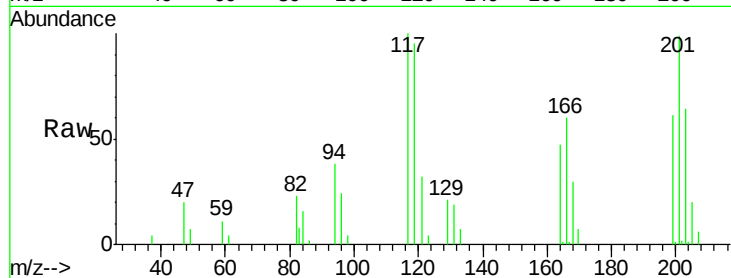
Tgt Ion:117 Resp: 38037

Ion Ratio Lower Upper

117 100

201 99.1 80.5 120.7

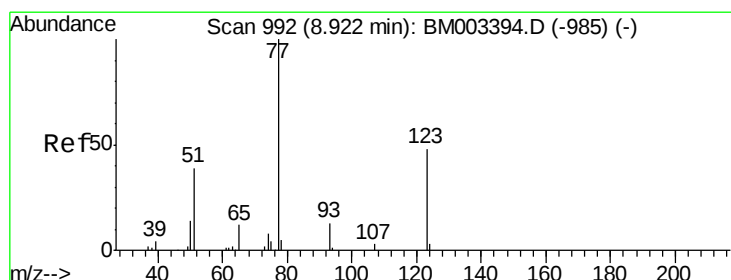
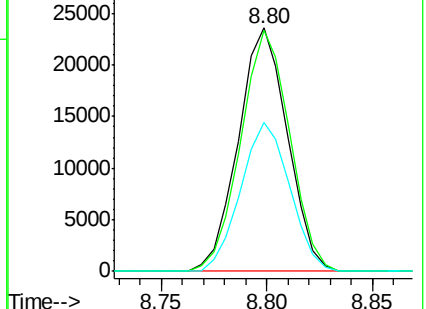
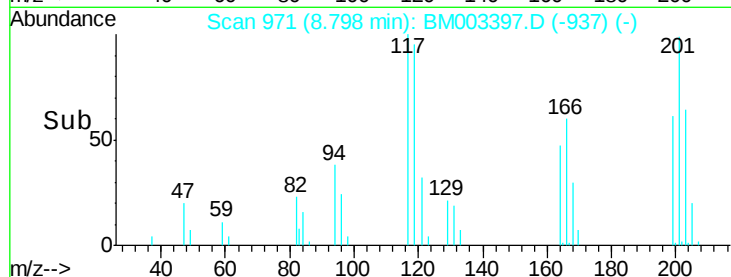
199 61.0 51.1 76.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 21.42 ng/ul

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

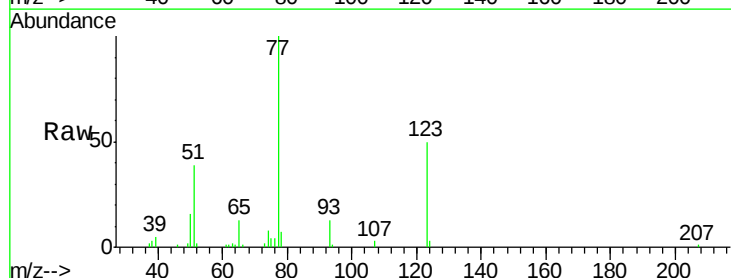
Tgt Ion: 77 Resp: 103379

Ion Ratio Lower Upper

77 100

123 49.6 37.8 56.8

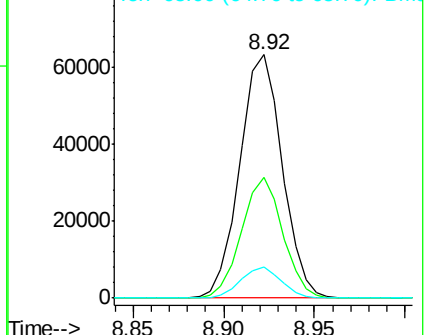
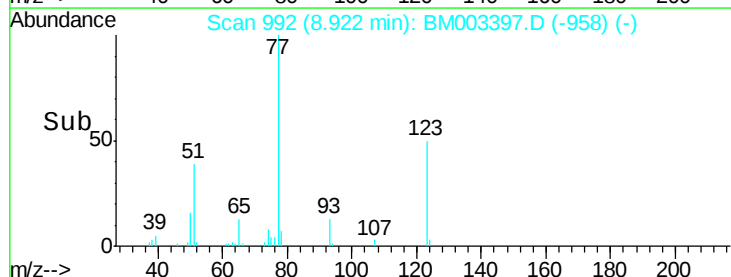
65 12.8 9.8 14.8

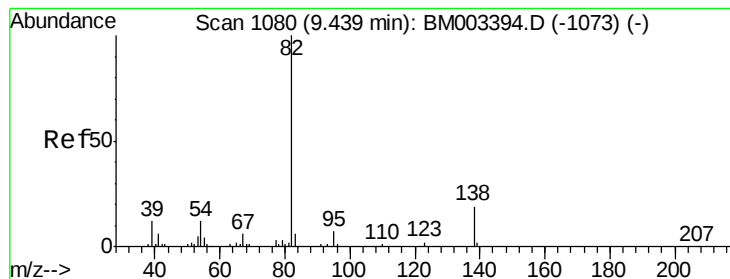


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.11 ng/ul

RT: 9.44 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

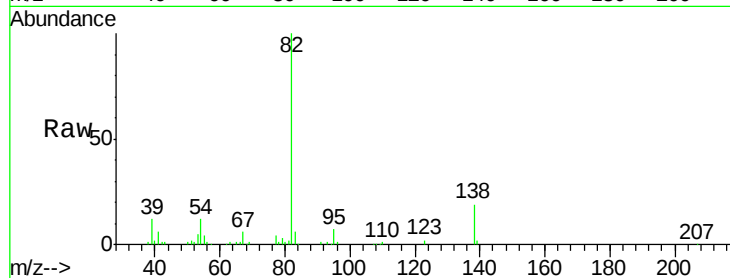
Tgt Ion: 82 Resp: 181173

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

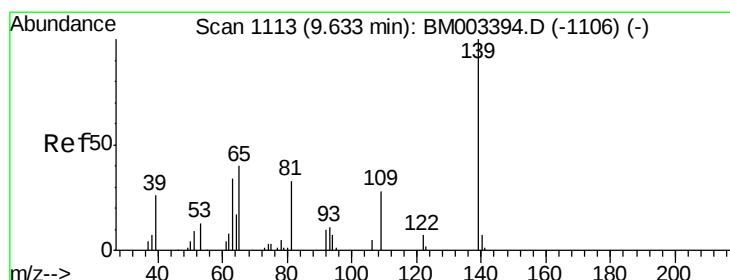
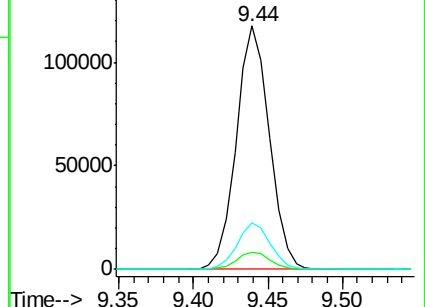
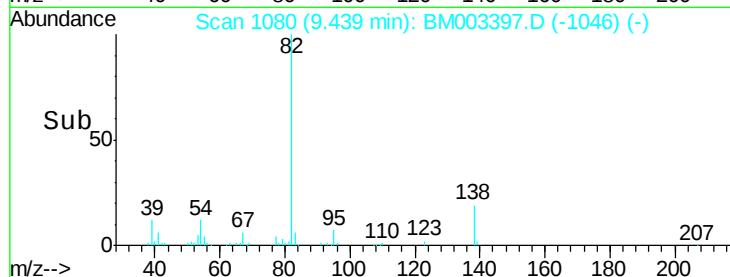
138 18.8 15.5 23.3



Abundance Ion 82.00 (81.70 to 82.70): BM003397.D (-1079) (-)

Ion 95.00 (94.70 to 95.70): BM003397.D (-1079) (-)

Ion 138.00 (137.70 to 138.70): BM003397.D (-1079) (-)



#23

2-Nitrophenol

Concen: 21.27 ng/ul

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

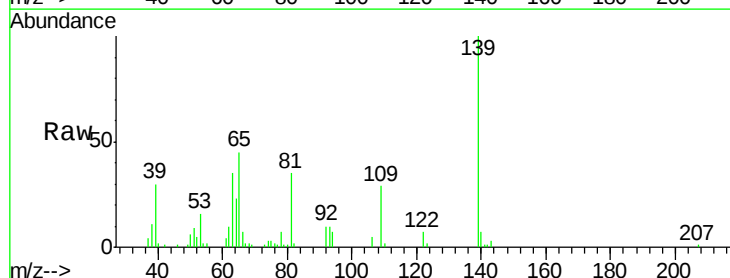
Tgt Ion: 139 Resp: 53397

Ion Ratio Lower Upper

139 100

65 44.5 35.0 52.6

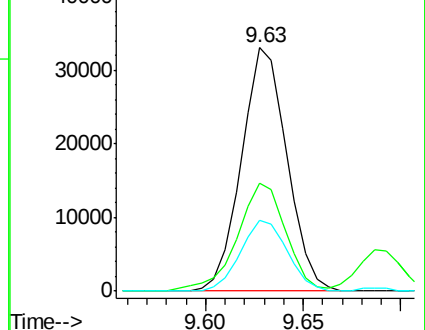
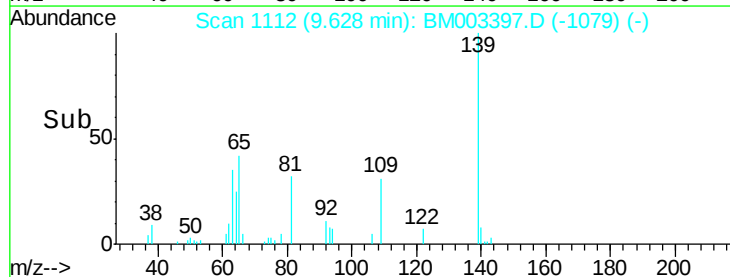
109 29.1 23.6 35.4

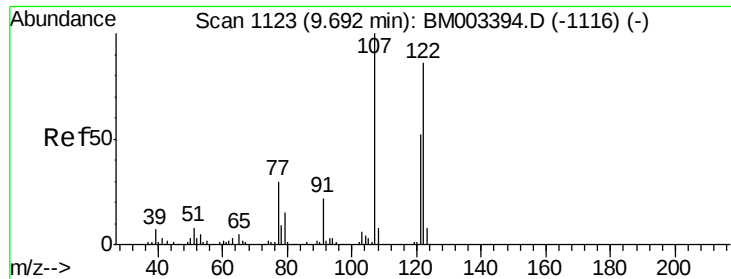


Abundance Ion 139.00 (138.70 to 139.70): BM003397.D (-1079) (-)

Ion 65.00 (64.70 to 65.70): BM003397.D (-1079) (-)

Ion 109.00 (108.70 to 109.70): BM003397.D (-1079) (-)

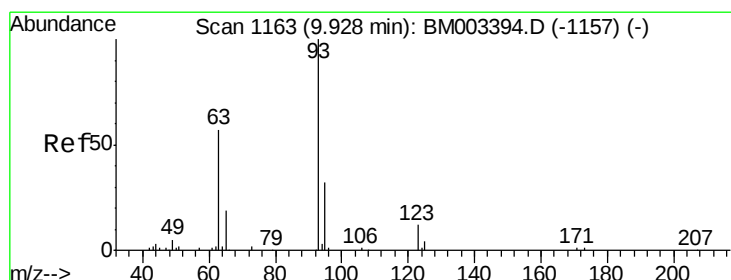
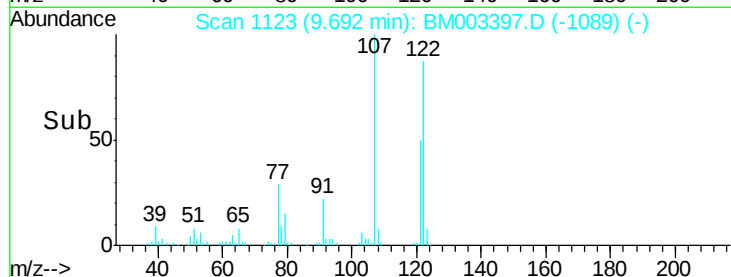
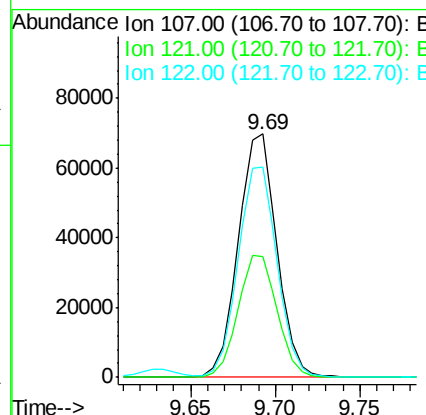
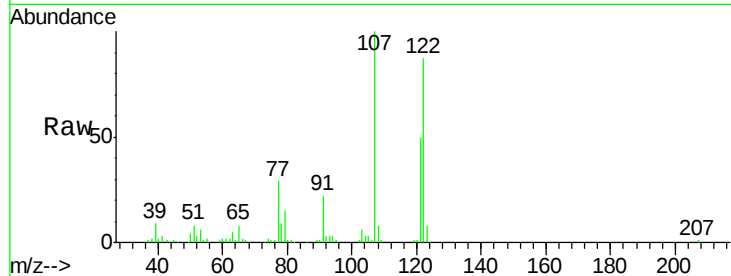




#24  
 2,4-Dimethylphenol  
 Concen: 21.03 ng/ul  
 RT: 9.69 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

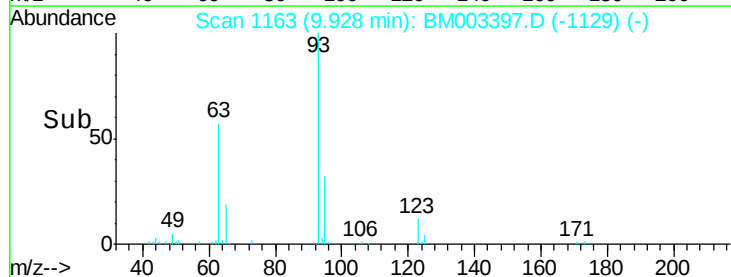
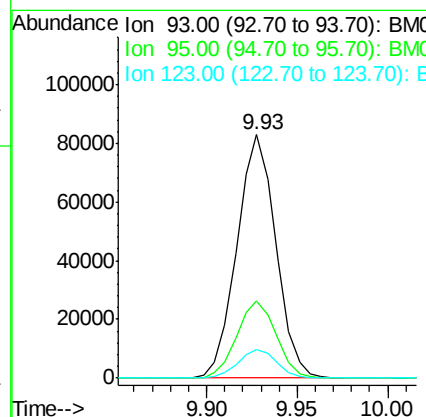
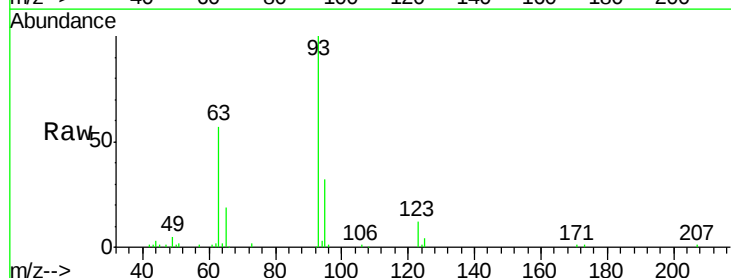
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

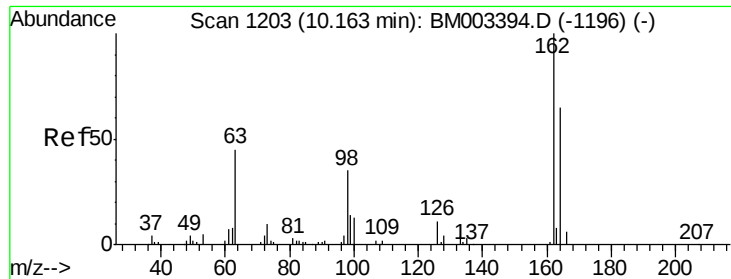
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.8  | 41.0  | 61.4  |
| 122     | 86.5  | 71.3  | 106.9 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.57 ng/ul  
 RT: 9.93 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 26.4  | 39.6  |
| 123     | 11.5  | 9.4   | 14.0  |

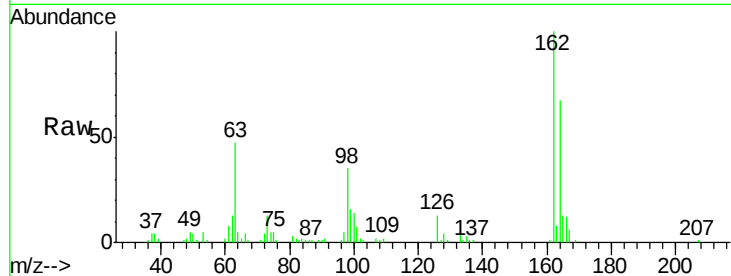




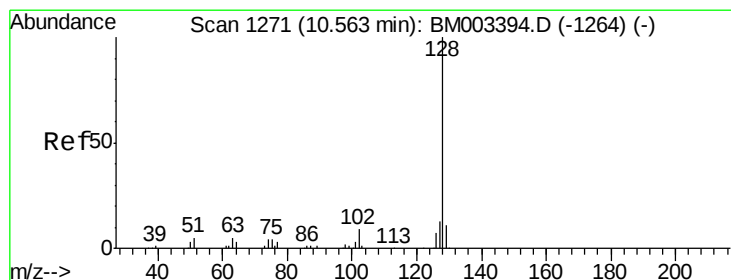
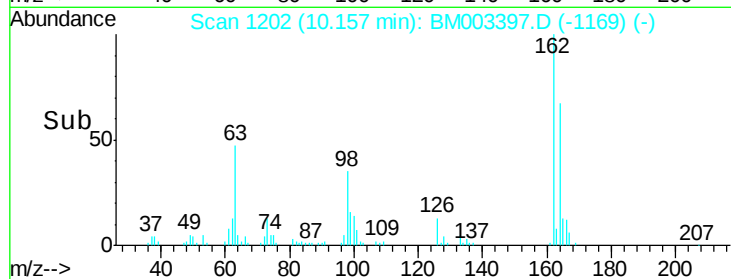
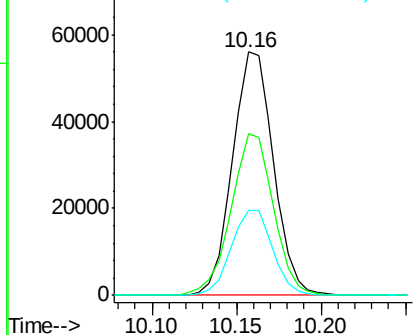
#27  
 2,4-Dichlorophenol  
 Concen: 20.77 ng/ul  
 RT: 10.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02039

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 52.1  | 78.1  |
| 98      | 35.0  | 28.4  | 42.6  |

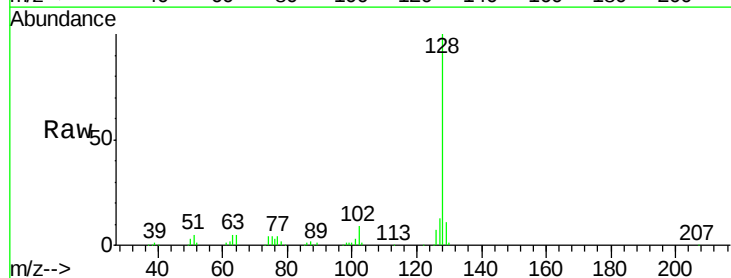


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

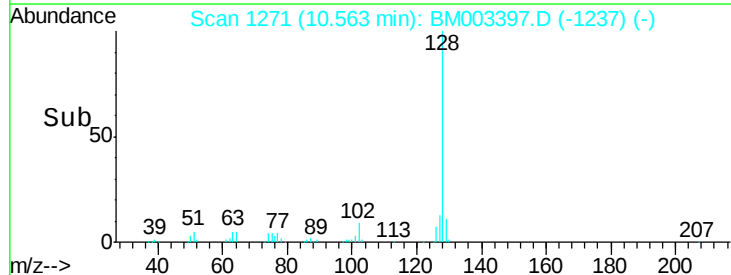
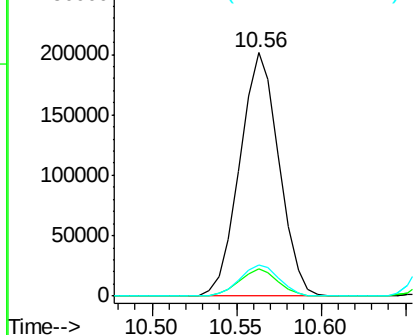


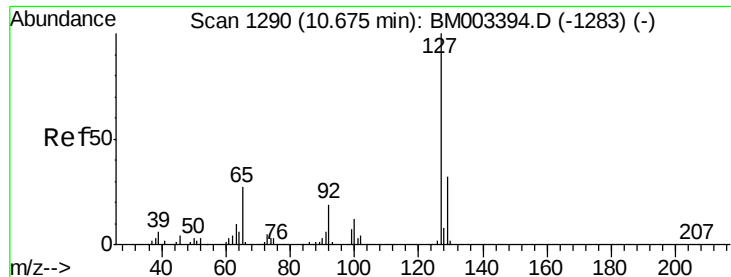
#28  
 Naphthalene  
 Concen: 21.08 ng/ul  
 RT: 10.56 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.6   | 12.8  |
| 127     | 12.9  | 10.3  | 15.5  |



Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E

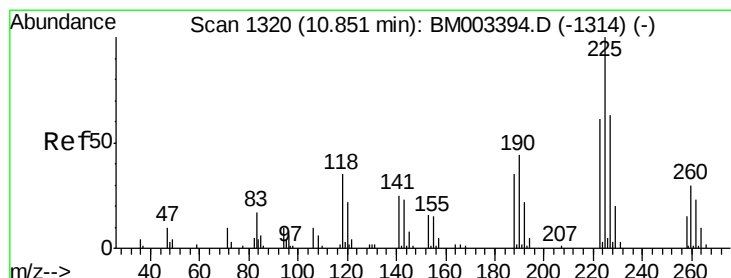
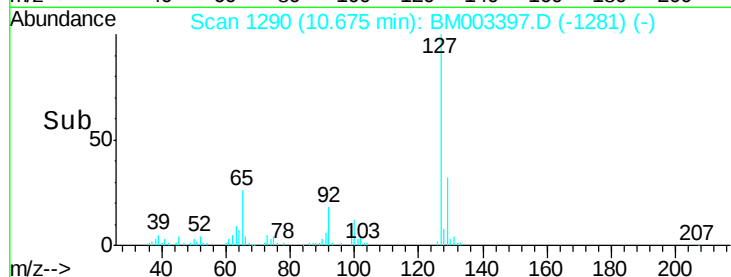
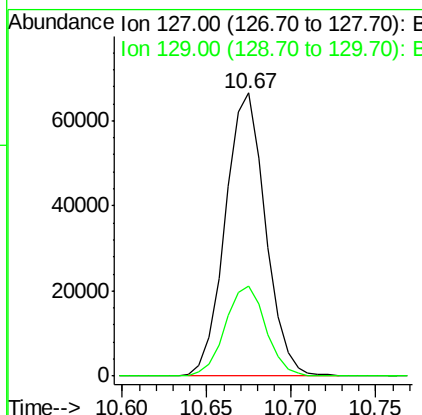
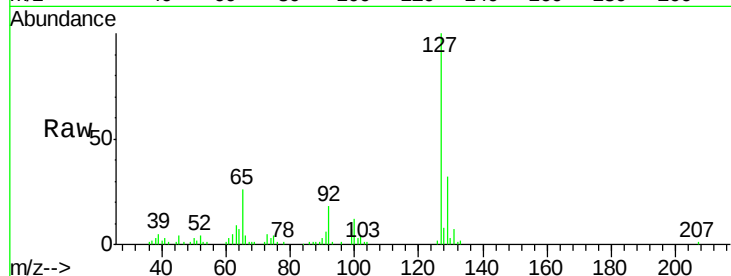




#30  
4-Chloroaniline  
Concen: 21.89 ng/ul  
RT: 10.67 min Scan# 1290  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

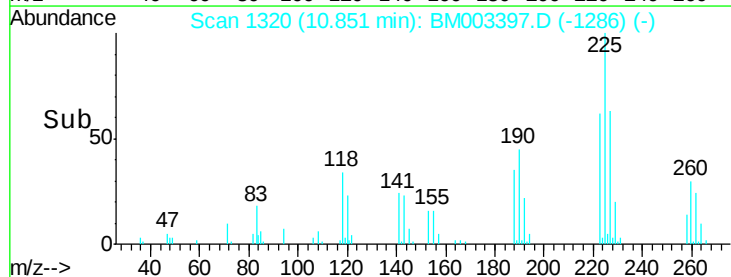
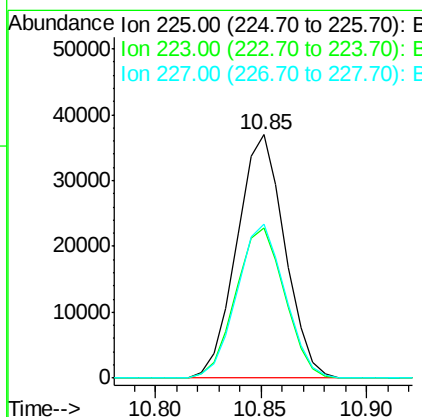
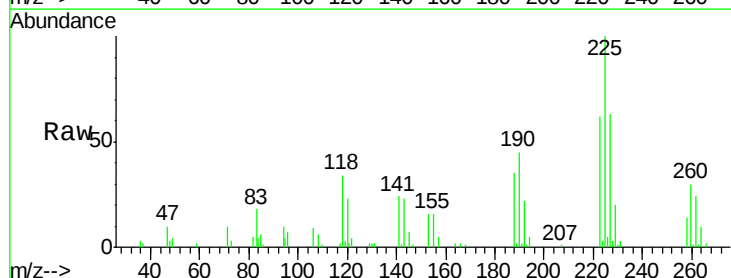
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

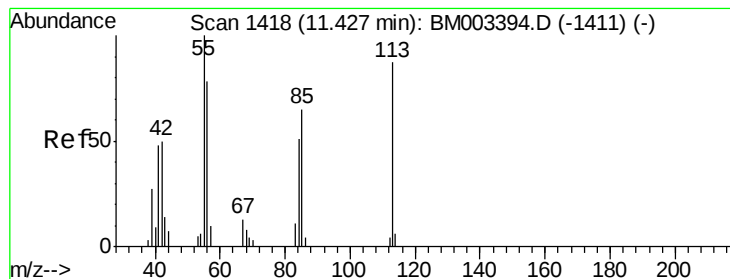
Tgt Ion:127 Resp: 110154  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.2 39.4



#31  
Hexachlorobutadiene  
Concen: 21.12 ng/ul  
RT: 10.85 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:225 Resp: 58247  
Ion Ratio Lower Upper  
225 100  
223 61.8 50.6 75.8  
227 63.2 50.3 75.5





#32

Caprolactam

Concen: 16.44 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

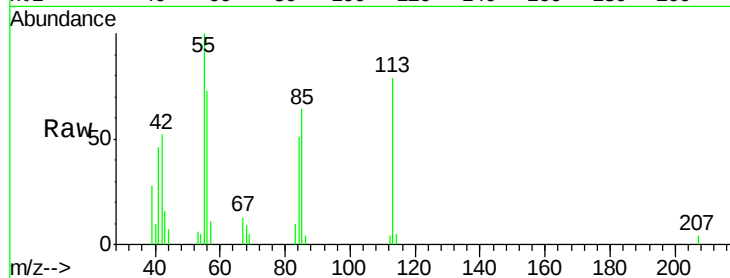
Tgt Ion:113 Resp: 21871

Ion Ratio Lower Upper

113 100

55 127.1 96.3 144.5

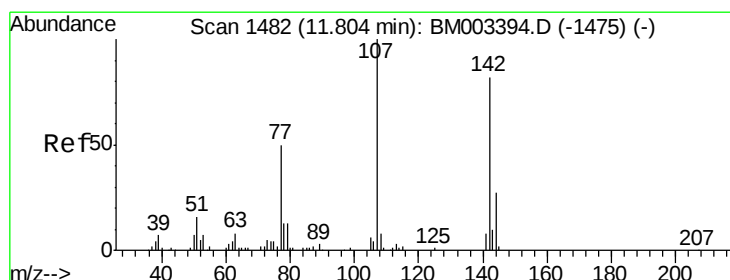
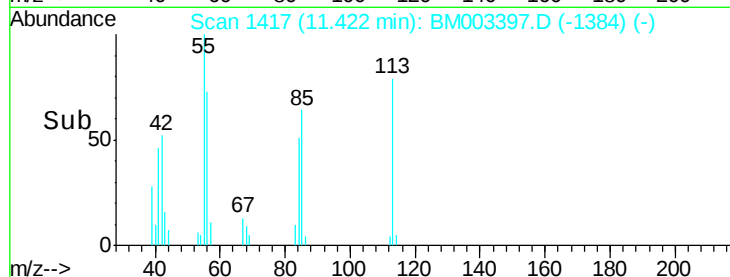
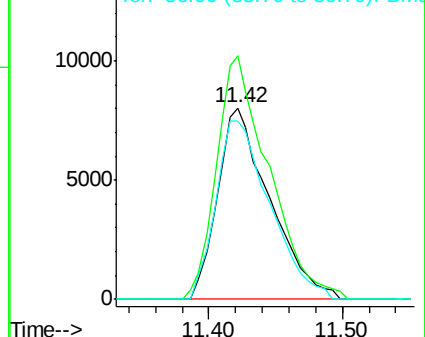
56 93.3 74.2 111.2



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: 19.87 ng/ul

RT: 11.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

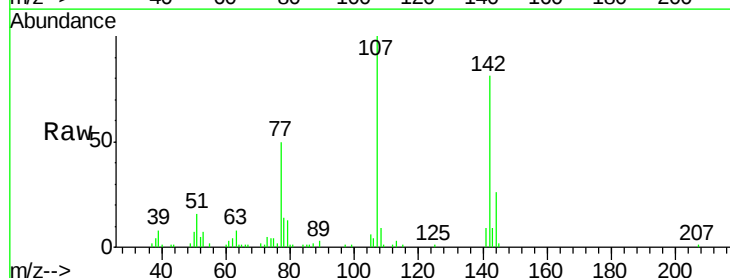
Tgt Ion:107 Resp: 95309

Ion Ratio Lower Upper

107 100

144 25.8 21.4 32.0

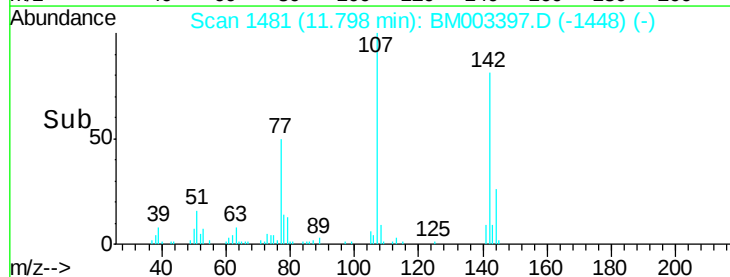
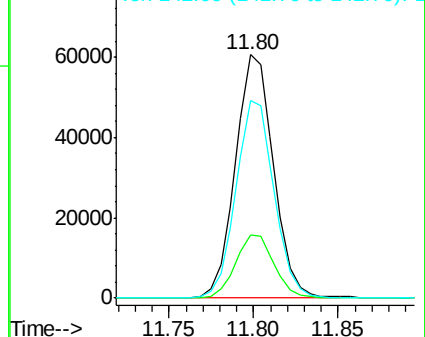
142 81.3 65.6 98.4

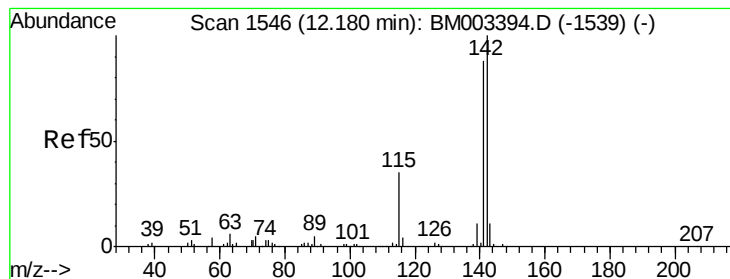


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

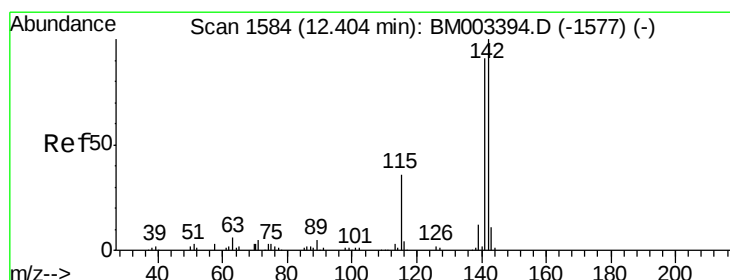
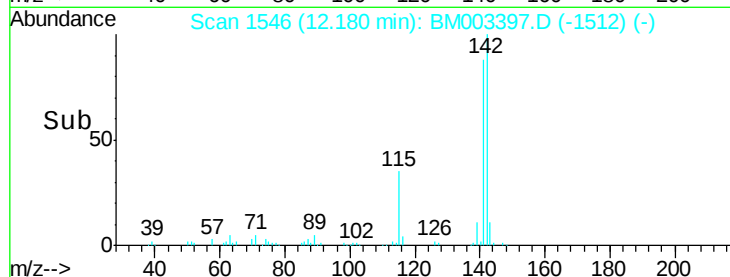
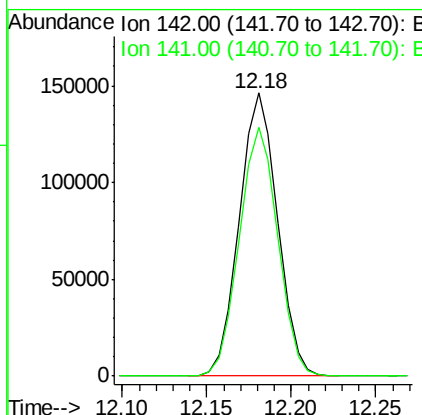
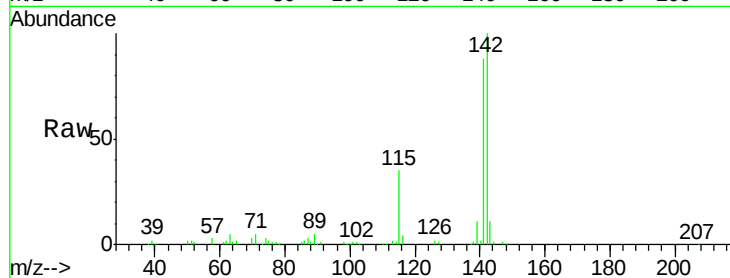




#34  
2-Methylnaphthalene  
Concen: 20.46 ng/ul  
RT: 12.18 min Scan# 1546  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

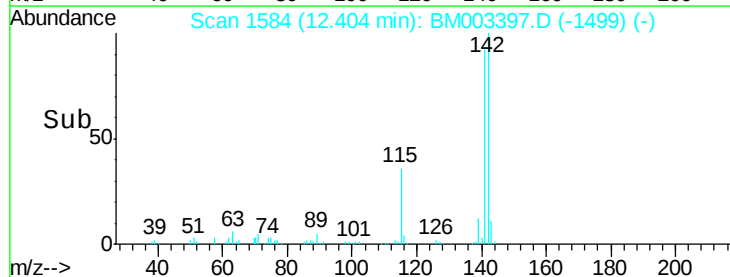
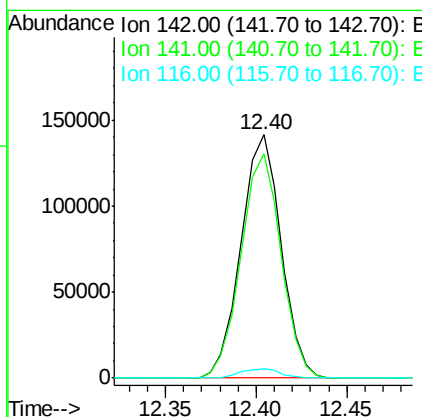
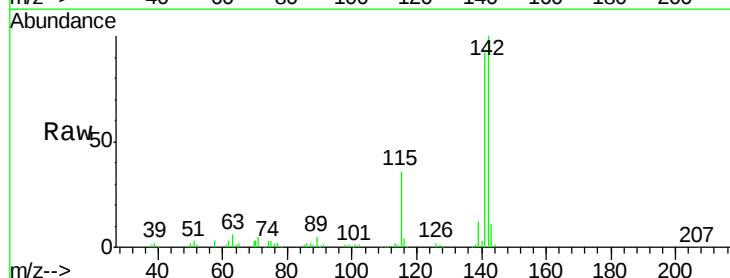
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

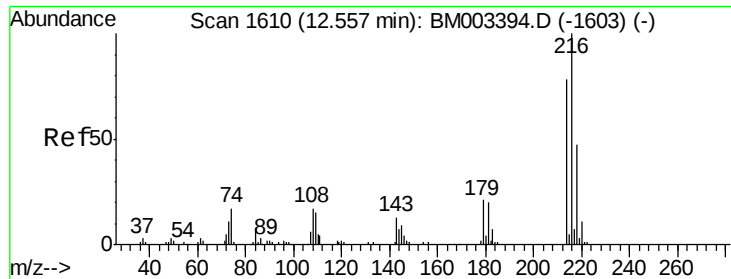
Tgt Ion:142 Resp: 231013  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.5 105.7



#35  
1-Methylnaphthalene  
Concen: 20.38 ng/ul  
RT: 12.40 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:142 Resp: 217552  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.2 109.8  
116 3.8 3.0 4.6

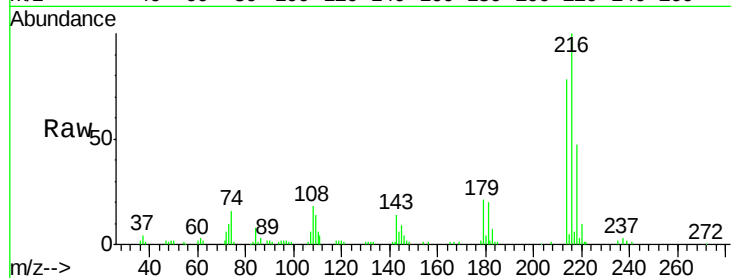




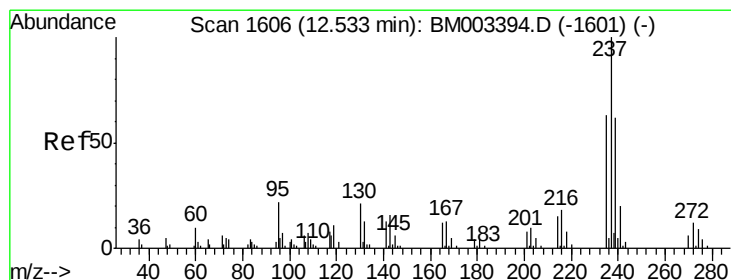
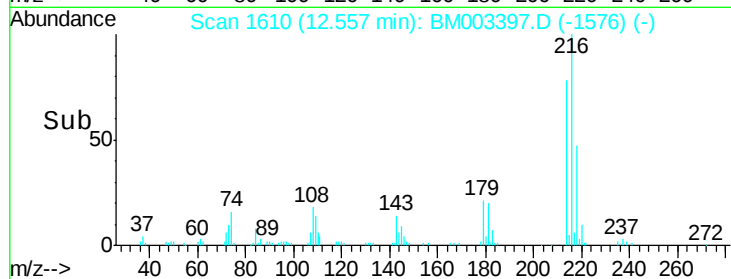
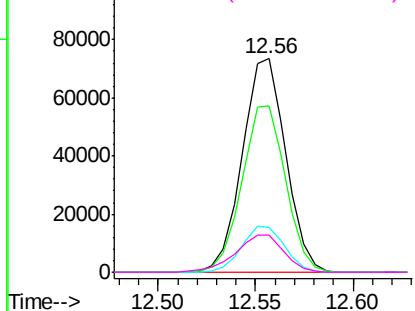
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.77 ng/ul  
 RT: 12.56 min Scan# 1610  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 113149 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.9  | 62.6  | 93.8   |
| 179      | 21.1  | 16.5  | 24.7   |
| 108      | 17.6  | 14.2  | 21.4   |

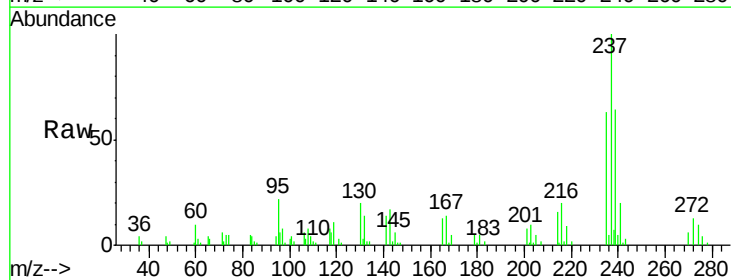


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

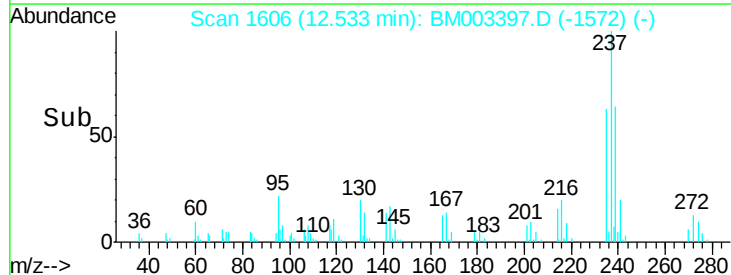
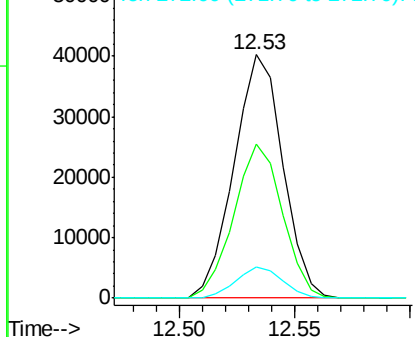


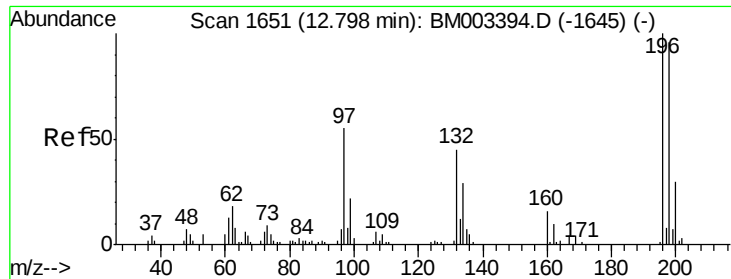
#38  
 Hexachlorocyclopentadiene  
 Concen: 19.89 ng/ul  
 RT: 12.53 min Scan# 1606  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 59453 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.4  | 50.3  | 75.5  |
| 272      | 12.6  | 9.5   | 14.3  |



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

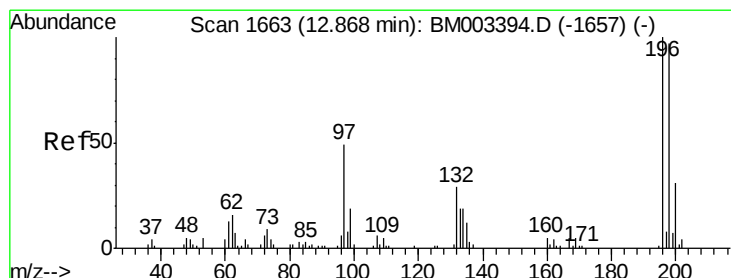
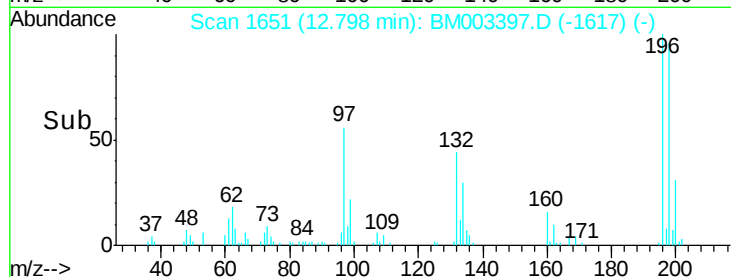
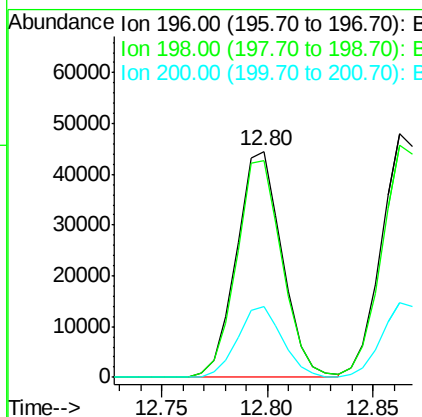
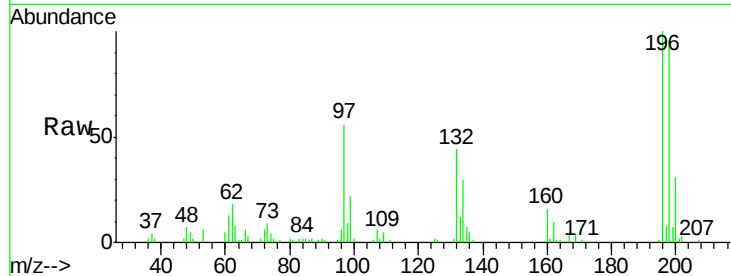




#39  
 2,4,6-Trichlorophenol  
 Concen: 20.58 ng/ul  
 RT: 12.80 min Scan# 1651  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

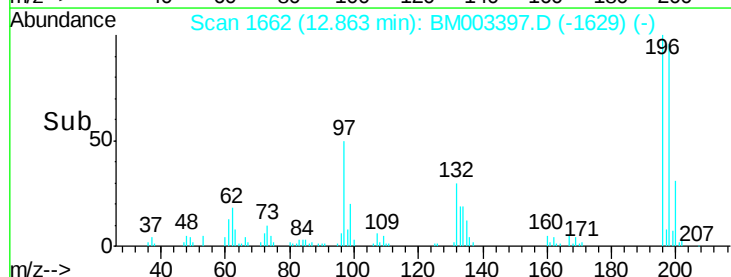
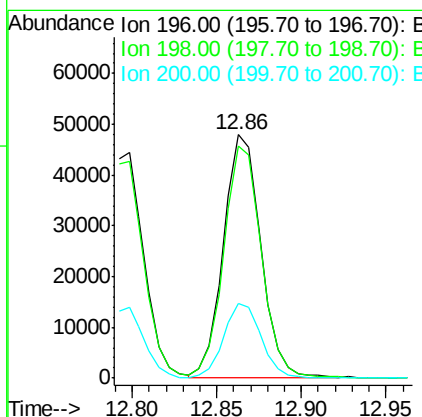
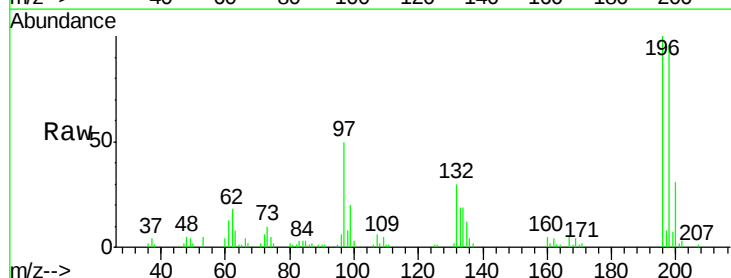
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

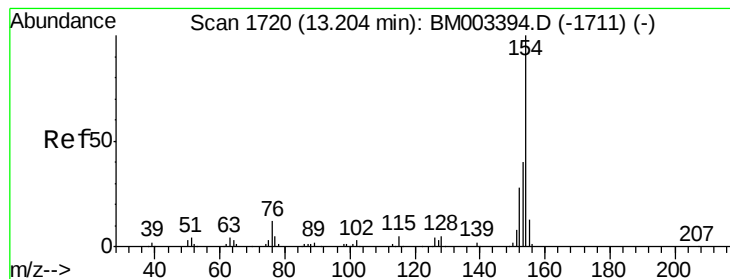
Tgt Ion:196 Resp: 66665  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.1 114.1  
 200 31.1 24.3 36.5



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.62 ng/ul  
 RT: 12.86 min Scan# 1662  
 Delta R.T. -0.01 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Tgt Ion:196 Resp: 74023  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 77.8 116.8  
 200 30.7 24.8 37.2





#41

1,1'-Biphenyl

Concen: 21.35 ng/ul

RT: 13.20 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

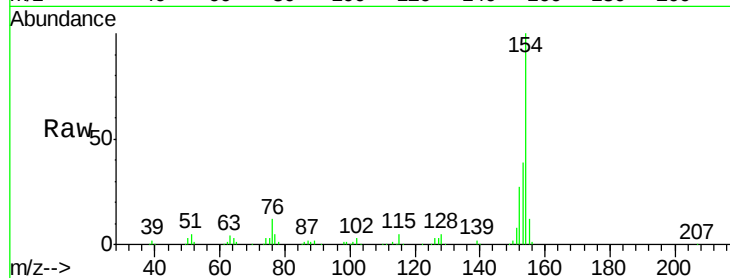
Tgt Ion:154 Resp: 294166

Ion Ratio Lower Upper

154 100

153 39.4 31.7 47.5

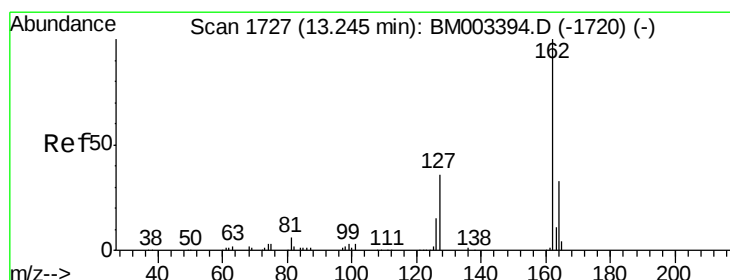
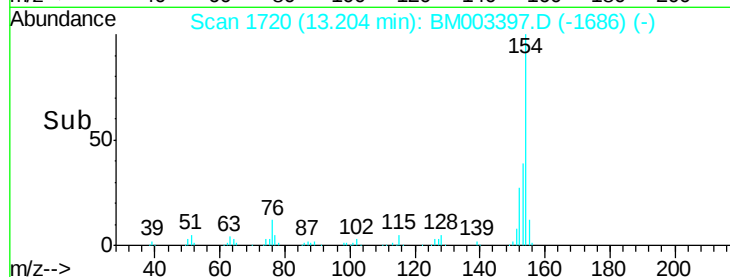
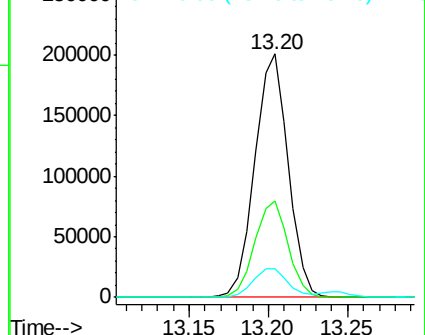
76 11.6 9.7 14.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 21.27 ng/ul

RT: 13.24 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

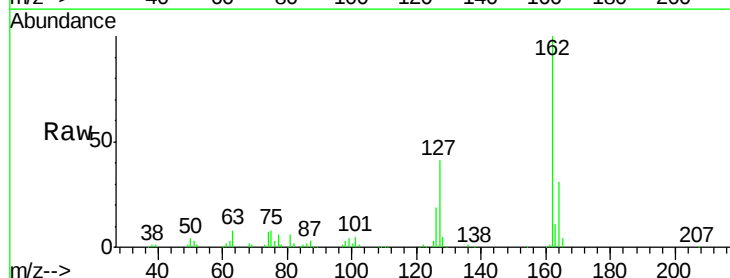
Tgt Ion:162 Resp: 218739

Ion Ratio Lower Upper

162 100

164 31.5 26.0 39.0

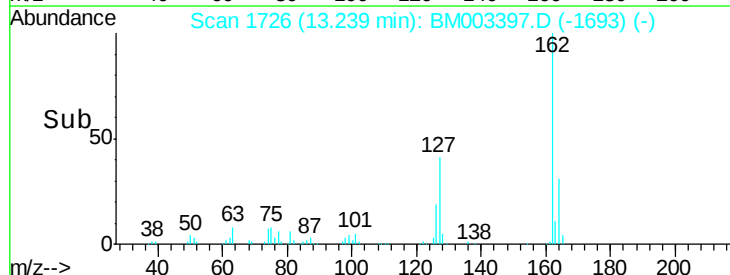
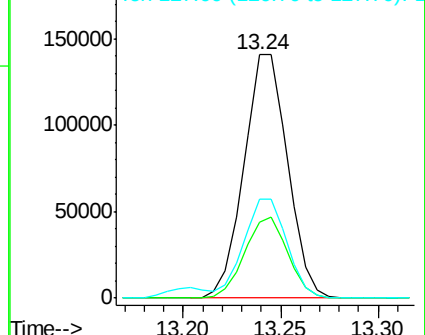
127 40.6 32.4 48.6

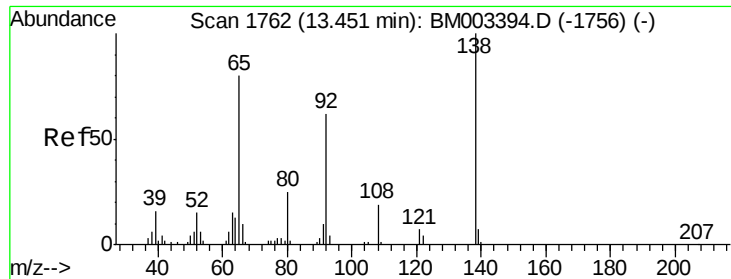


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

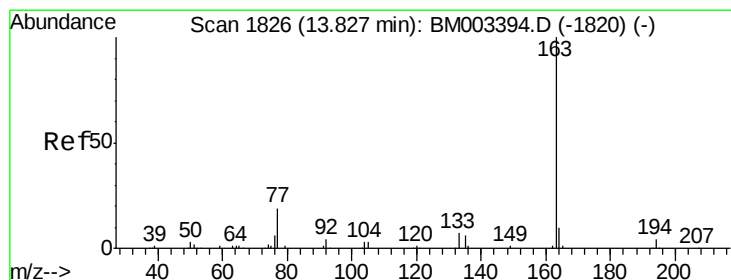
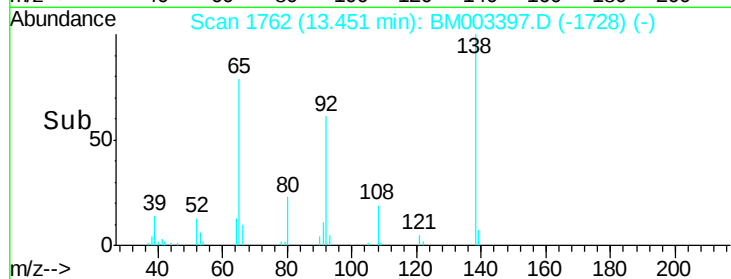
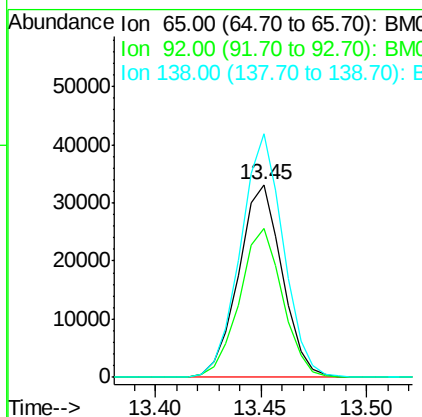
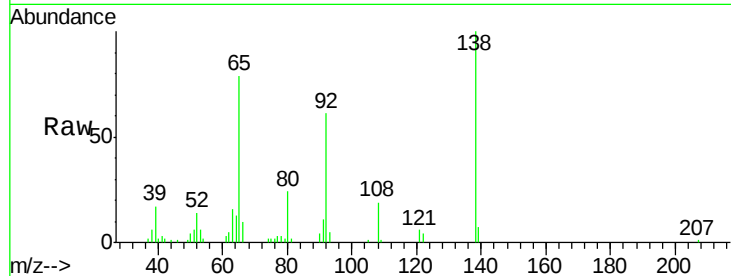




#43  
2-Nitroaniline  
Concen: 20.69 ng/ul  
RT: 13.45 min Scan# 1762  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

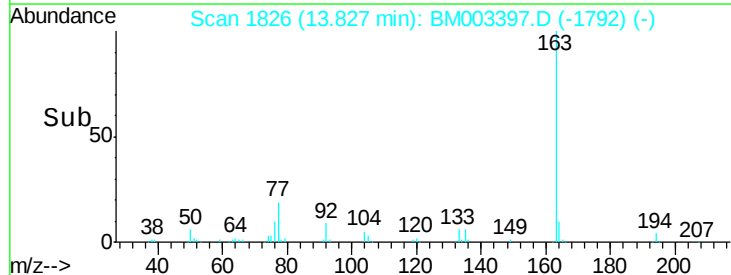
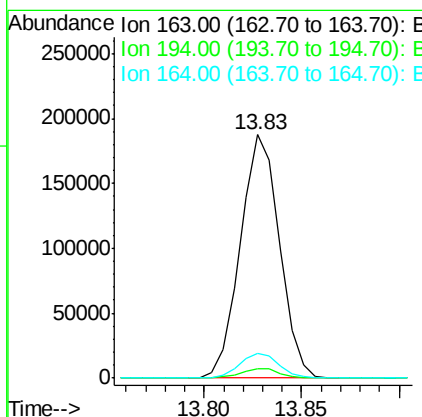
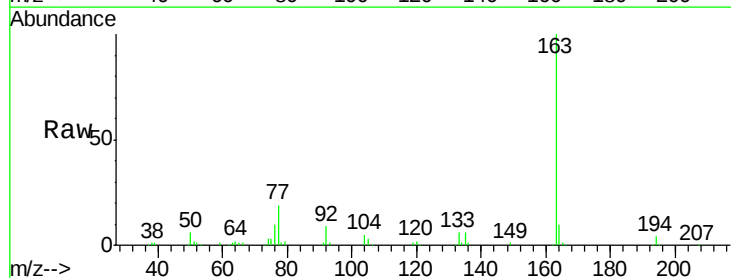
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

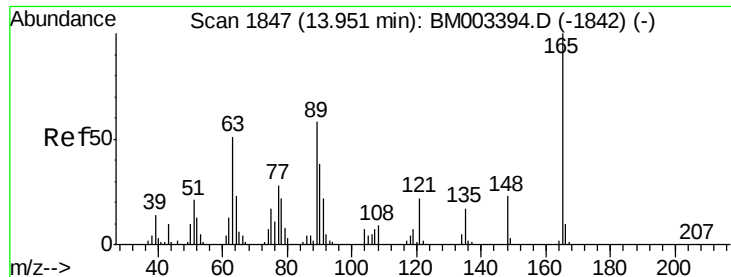
Tgt Ion: 65 Resp: 47457  
Ion Ratio Lower Upper  
65 100  
92 76.9 63.2 94.8  
138 126.2 99.9 149.9



#45  
Dimethylphthalate  
Concen: 20.36 ng/ul  
RT: 13.83 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion: 163 Resp: 260395  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.4 8.3 12.5

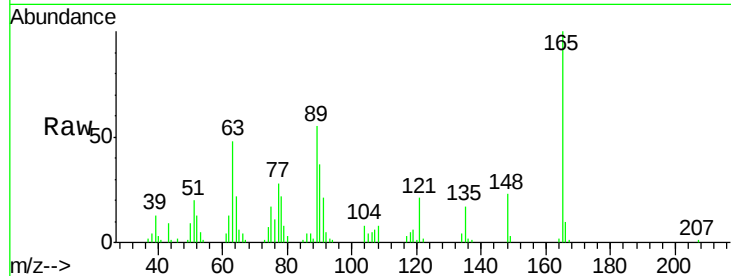




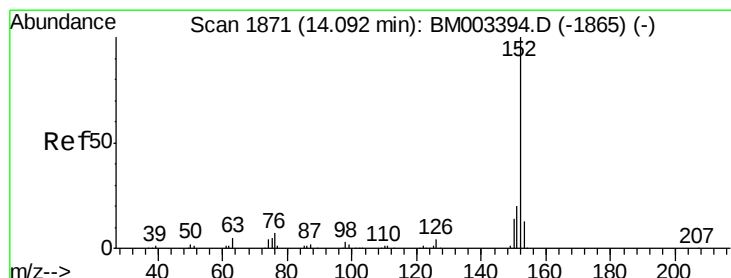
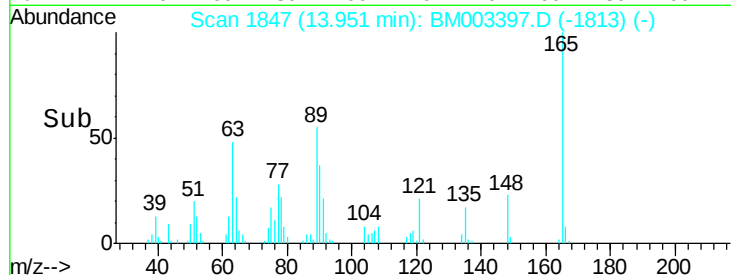
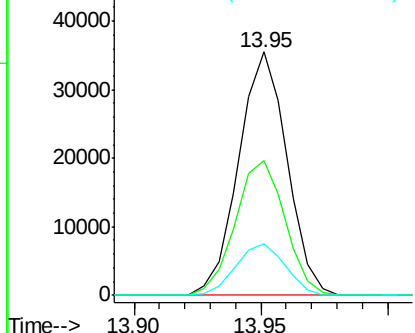
#46  
2,6-Dinitrotoluene  
Concen: 20.08 ng/ul  
RT: 13.95 min Scan# 1847  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

Tgt Ion:165 Resp: 47101  
Ion Ratio Lower Upper  
165 100  
89 55.3 42.0 63.0  
121 21.3 16.6 24.8

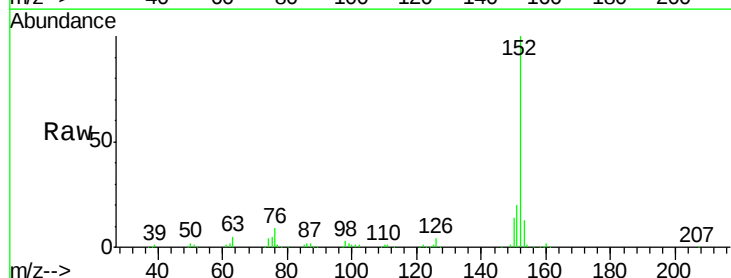


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM  
Ion 121.00 (120.70 to 121.70): E

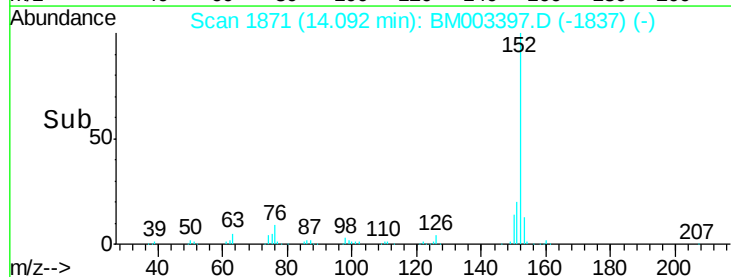
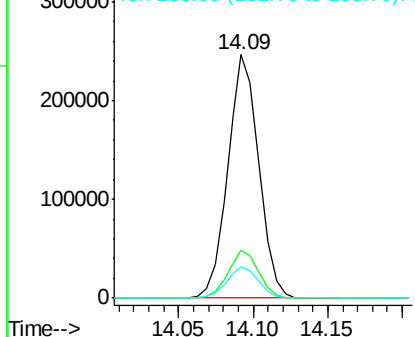


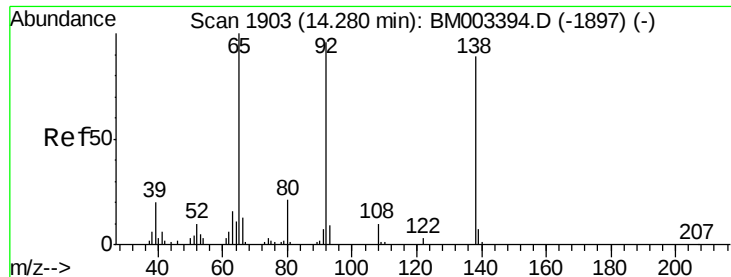
#48  
Acenaphthylene  
Concen: 21.39 ng/ul  
RT: 14.09 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:152 Resp: 357041  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.6 23.4  
153 13.0 10.5 15.7



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





#49

3-Nitroaniline

Concen: 19.42 ng/ul

RT: 14.28 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

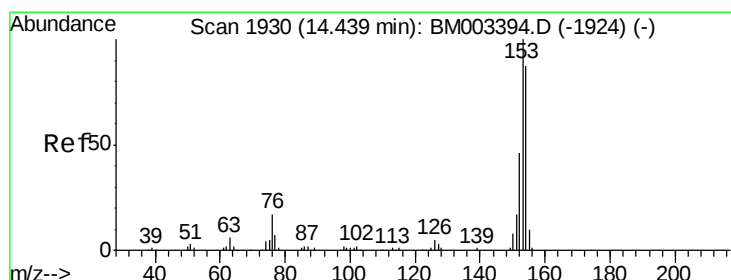
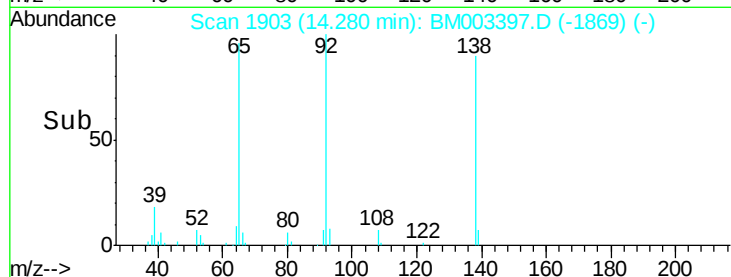
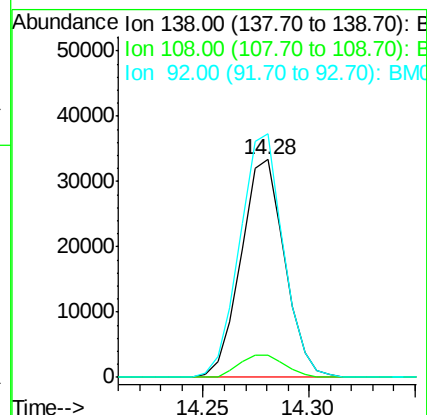
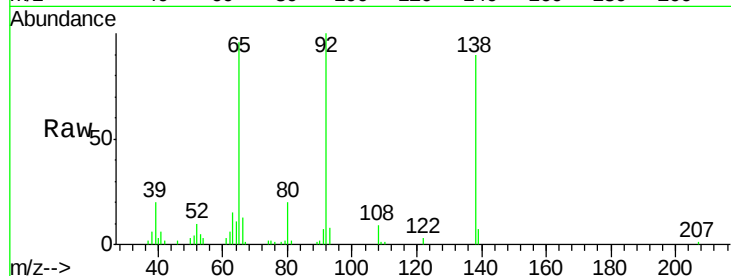
Tgt Ion:138 Resp: 47910

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

92 111.7 87.4 131.0



#50

Acenaphthene

Concen: 21.01 ng/ul

RT: 14.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

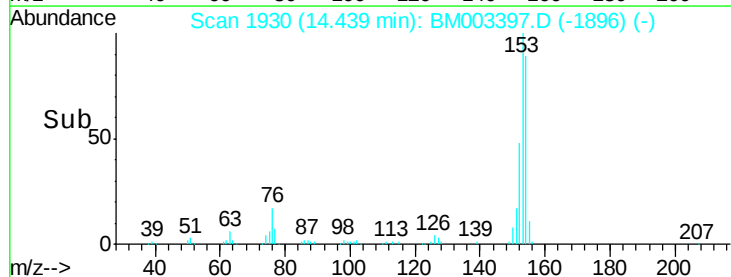
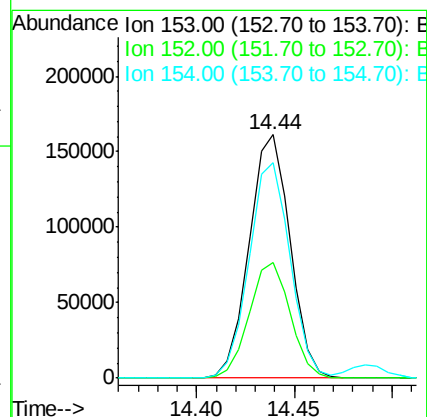
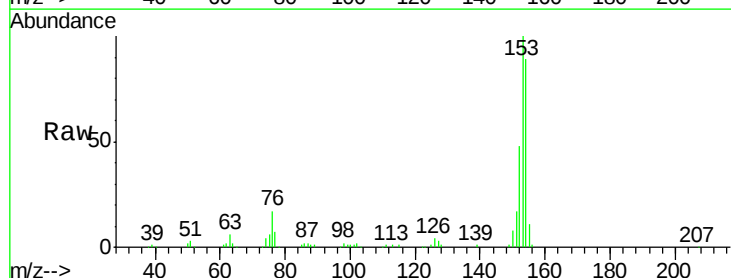
Tgt Ion:153 Resp: 234168

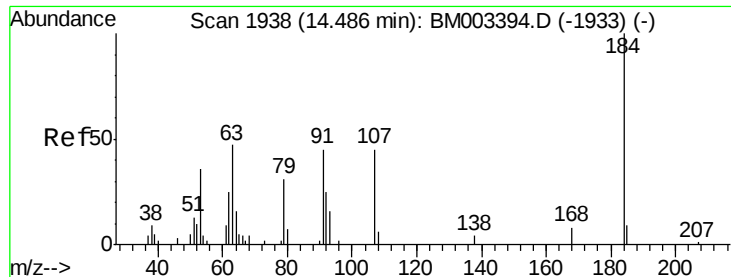
Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

154 88.7 70.8 106.2

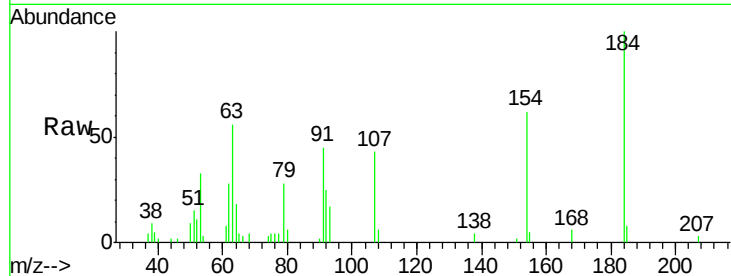




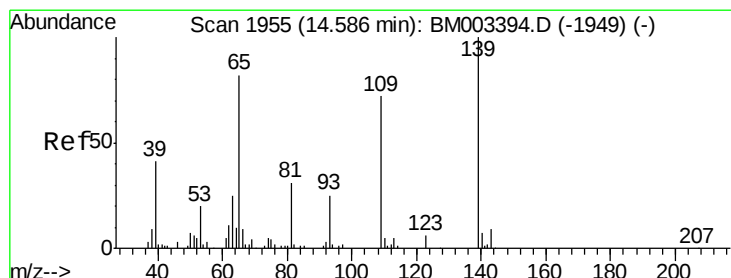
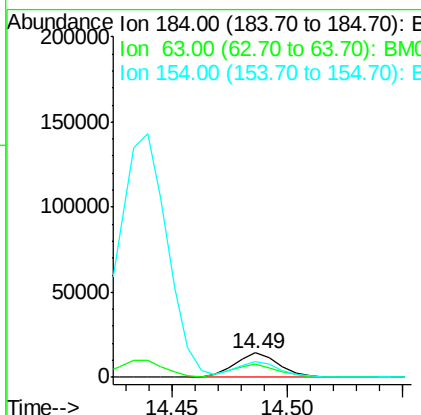
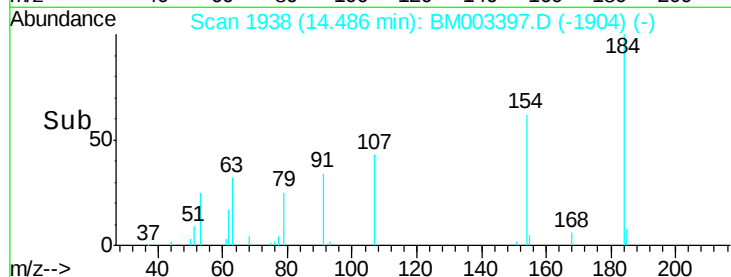
#51  
 2,4-Dinitrophenol  
 Concen: 15.99 ng/ul  
 RT: 14.49 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

Tgt Ion:184 Resp: 19504  
 Ion Ratio Lower Upper  
 184 100  
 63 56.4 42.3 63.5  
 154 62.5 48.6 72.8

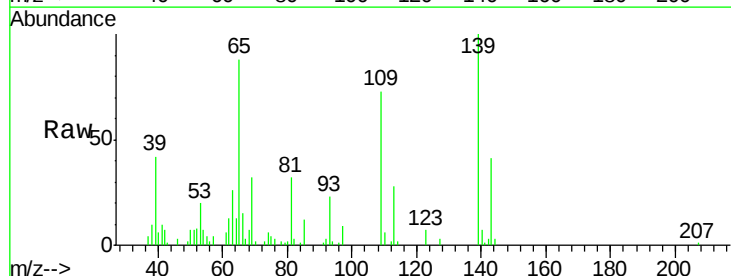


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 154.00 (153.70 to 154.70): E

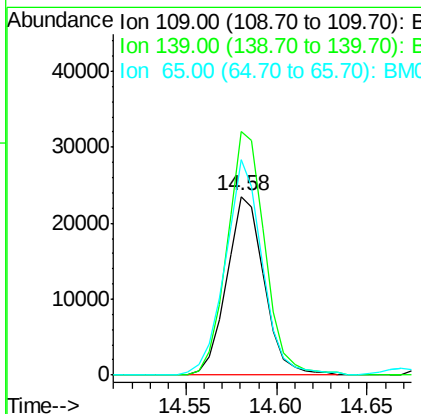
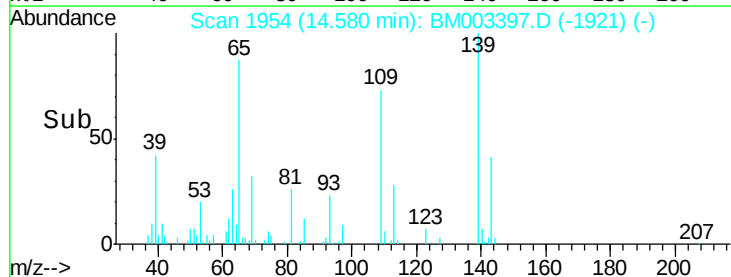


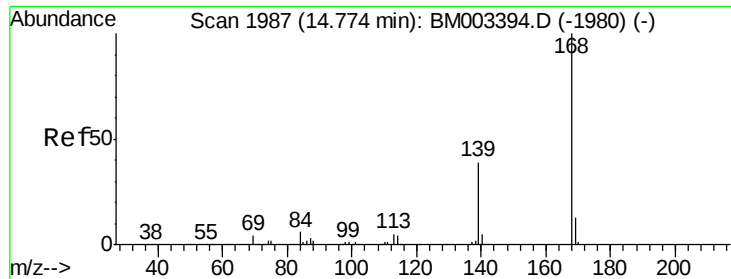
#53  
 4-Nitrophenol  
 Concen: 19.29 ng/ul  
 RT: 14.58 min Scan# 1954  
 Delta R.T. -0.01 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Tgt Ion:109 Resp: 33650  
 Ion Ratio Lower Upper  
 109 100  
 139 136.5 112.5 168.7  
 65 120.6 93.2 139.8



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





#54

Dibenzofuran

Concen: 20.82 ng/ul

RT: 14.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

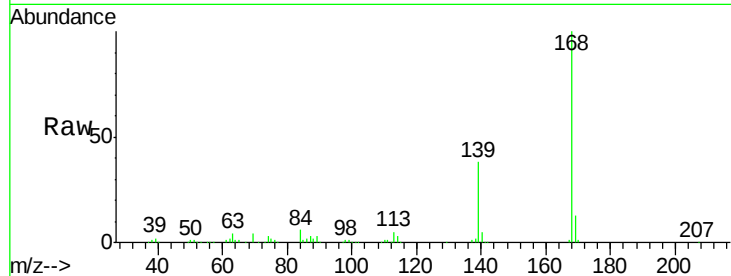
SSTD02039

Tgt Ion:168 Resp: 328785

Ion Ratio Lower Upper

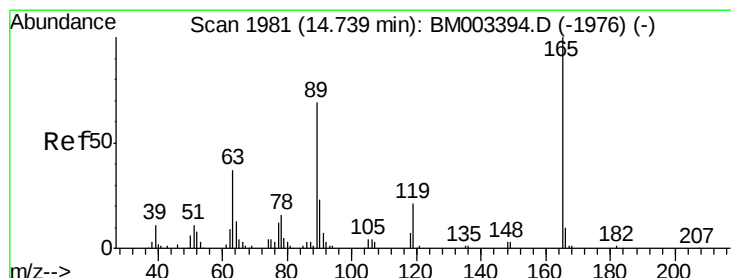
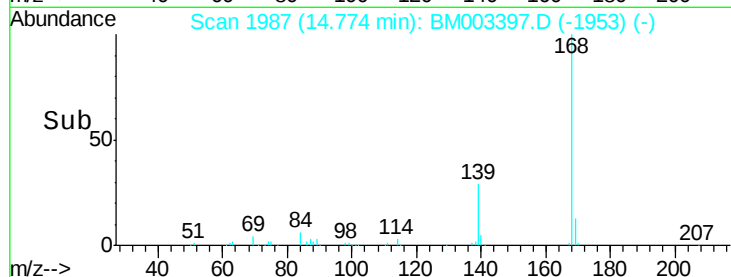
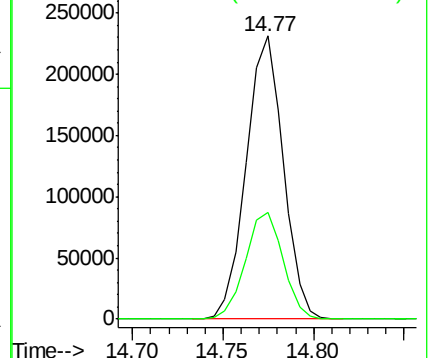
168 100

139 37.9 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.30 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

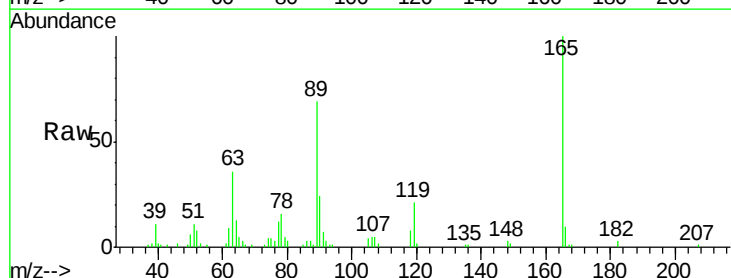
Tgt Ion:165 Resp: 69231

Ion Ratio Lower Upper

165 100

63 36.3 28.2 42.2

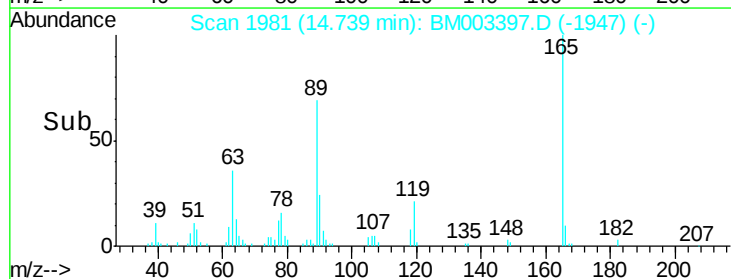
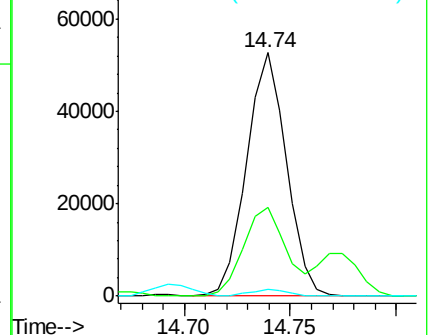
182 2.6 2.0 3.0

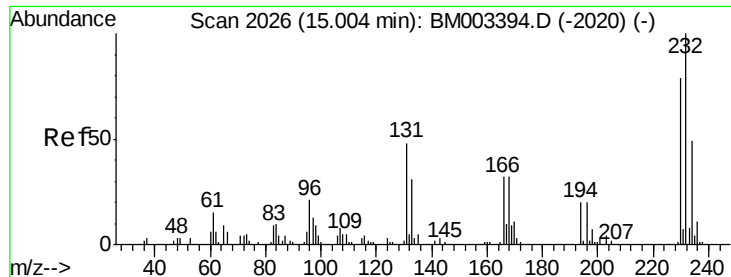


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

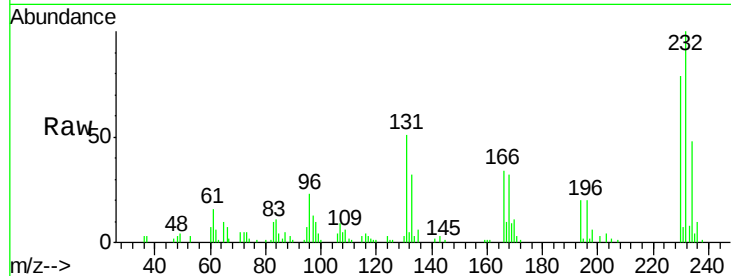




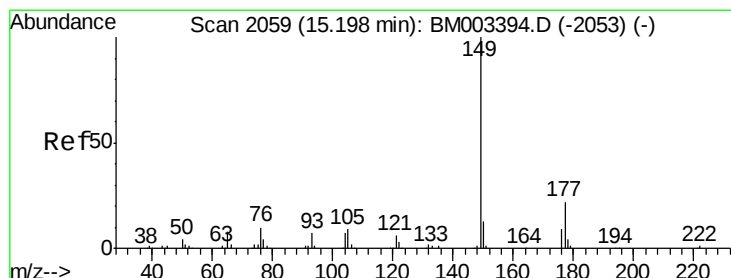
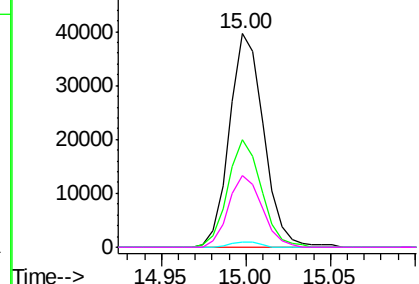
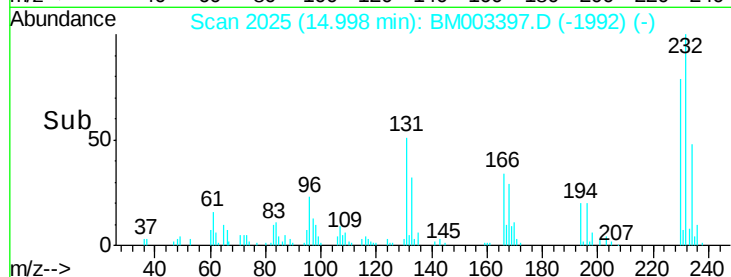
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 20.08 ng/ul  
RT: 15.00 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 56225 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 50.6  | 37.4  | 56.0  |
| 130      | 2.5   | 2.1   | 3.1   |
| 166      | 33.6  | 25.9  | 38.9  |

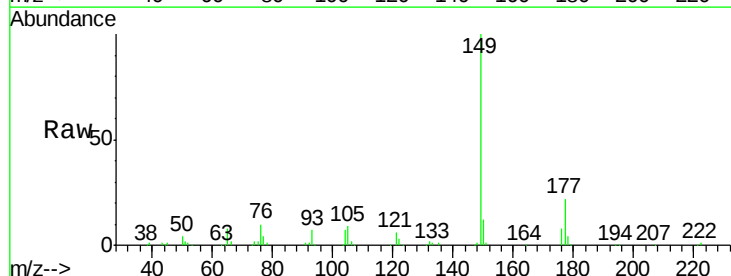


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

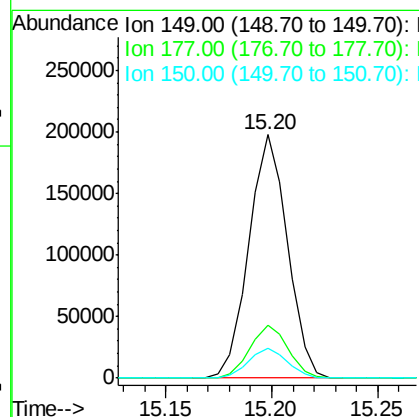
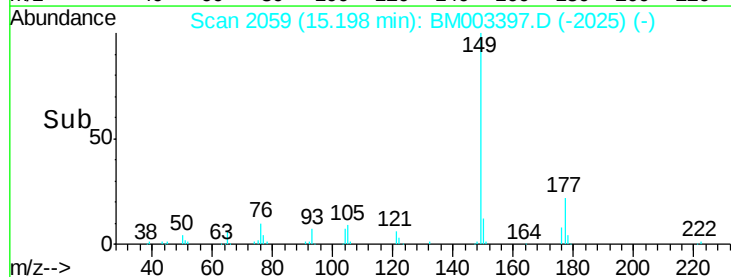


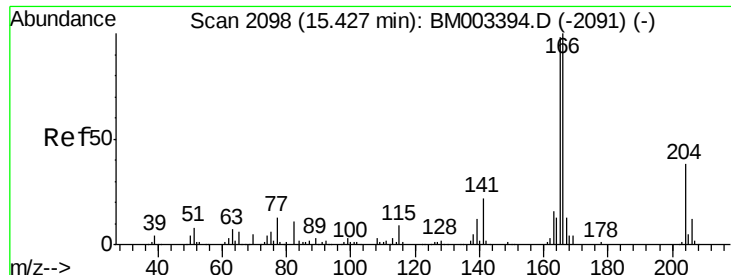
#57  
Diethylphthalate  
Concen: 20.27 ng/ul  
RT: 15.20 min Scan# 2059  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 251008 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.9  | 17.8  | 26.6   |
| 150      | 12.5  | 9.9   | 14.9   |



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





#59

Fluorene

Concen: 20.95 ng/ul

RT: 15.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

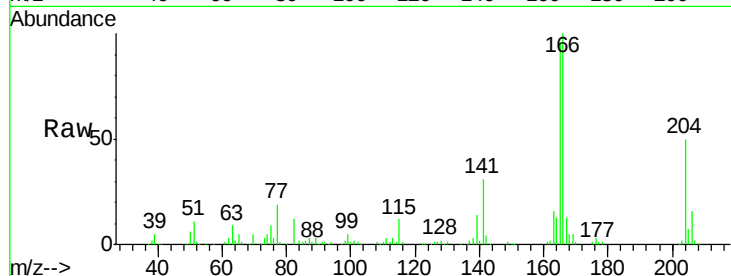
Tgt Ion:166 Resp: 256303

Ion Ratio Lower Upper

166 100

165 96.5 78.8 118.2

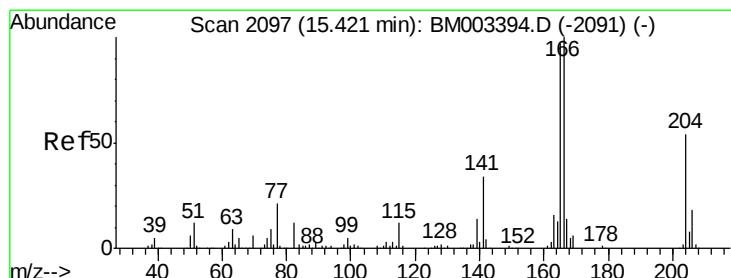
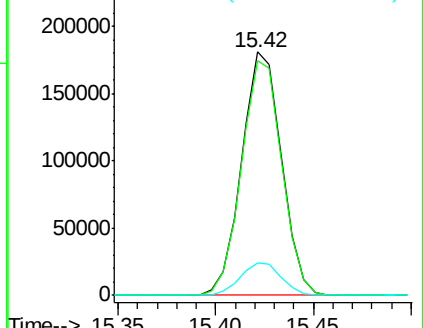
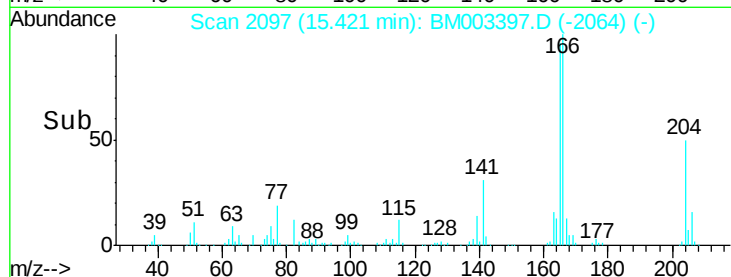
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.79 ng/ul

RT: 15.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

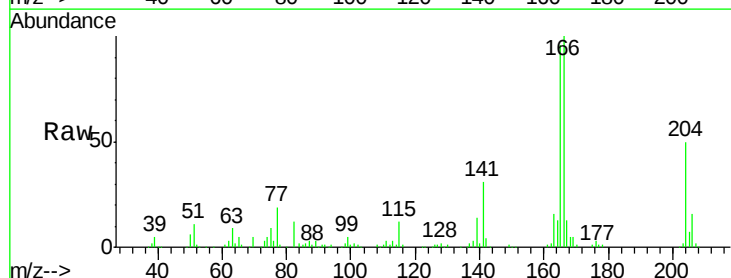
Tgt Ion:204 Resp: 124238

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

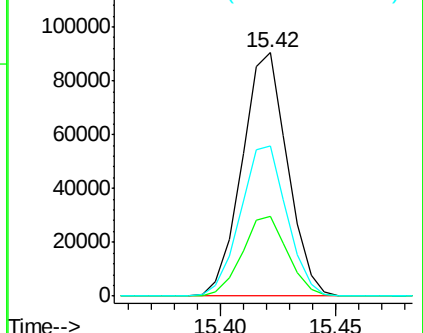
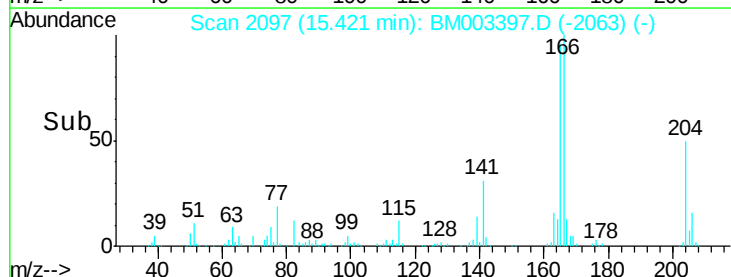
141 61.6 51.8 77.8

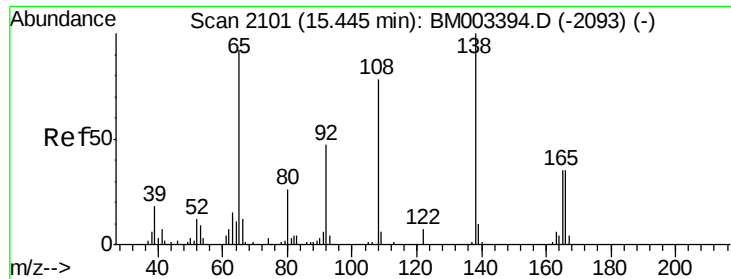


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

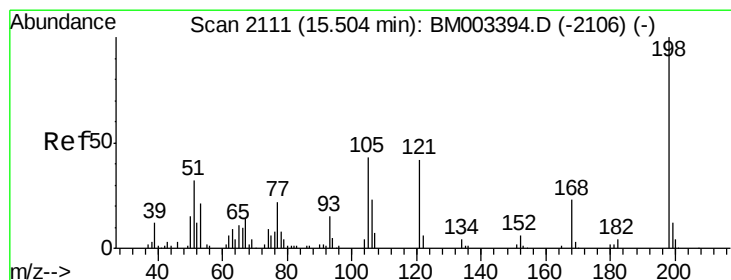
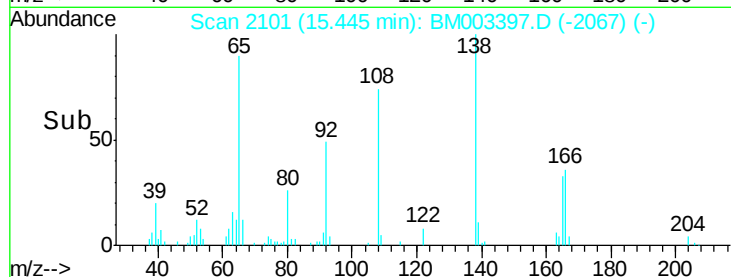
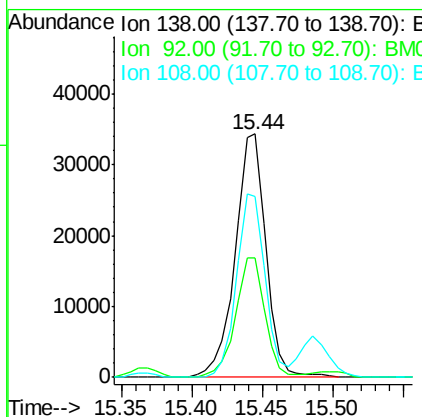
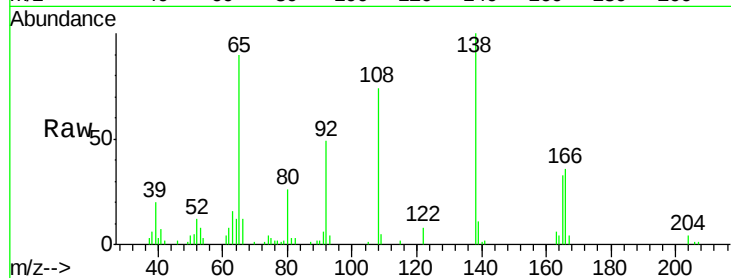




#61  
4-Nitroaniline  
Concen: 18.87 ng/ul  
RT: 15.44 min Scan# 2101  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

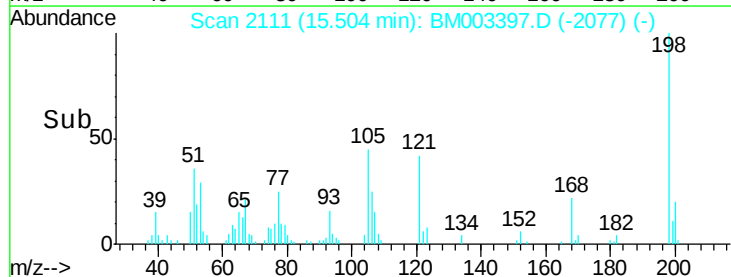
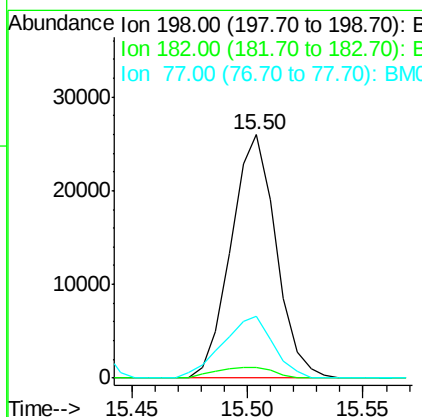
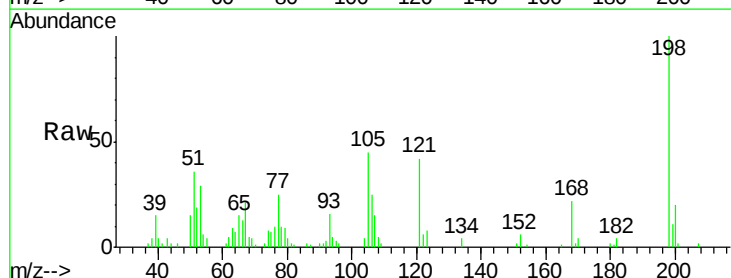
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

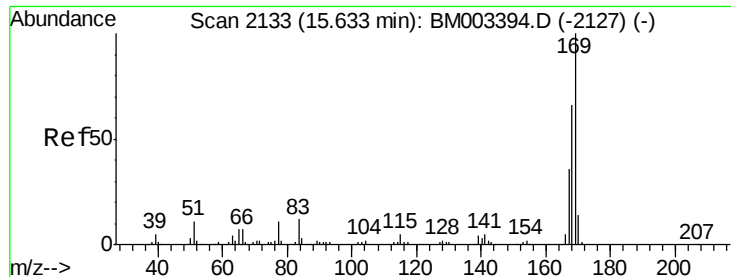
Tgt Ion:138 Resp: 52165  
Ion Ratio Lower Upper  
138 100  
92 49.0 38.0 57.0  
108 74.3 61.2 91.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.68 ng/ul  
RT: 15.50 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:198 Resp: 35317  
Ion Ratio Lower Upper  
198 100  
182 4.2 3.8 5.6  
77 25.2 20.3 30.5





#65

N-Nitrosodiphenylamine

Concen: 20.78 ng/ul

RT: 15.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

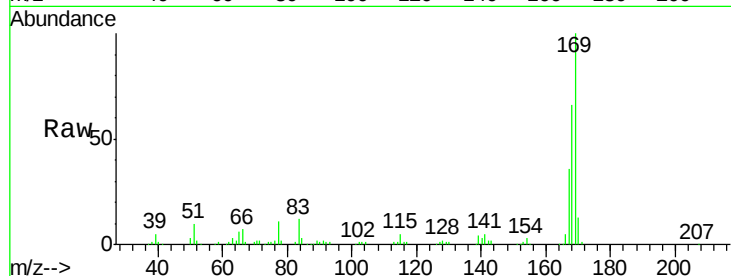
Tgt Ion:169 Resp: 215601

Ion Ratio Lower Upper

169 100

168 65.9 53.4 80.0

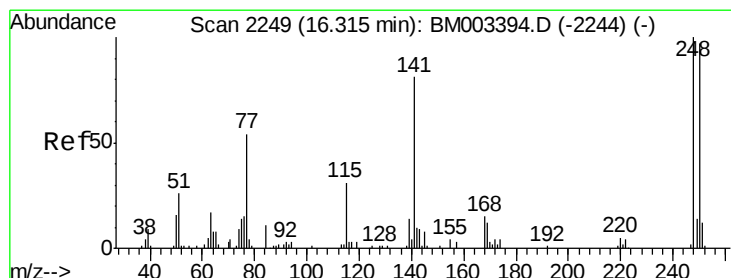
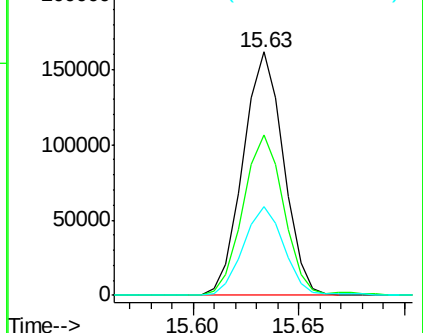
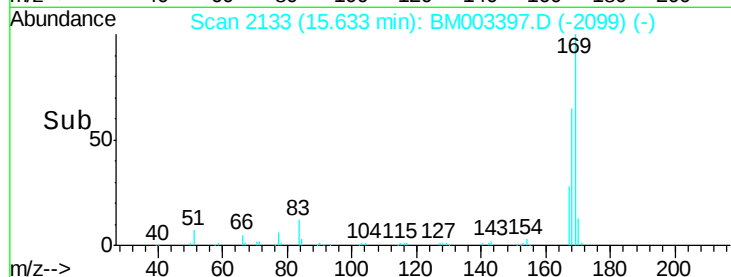
167 36.4 29.0 43.4



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



#66

4-Bromophenyl-phenylether

Concen: 20.51 ng/ul

RT: 16.32 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

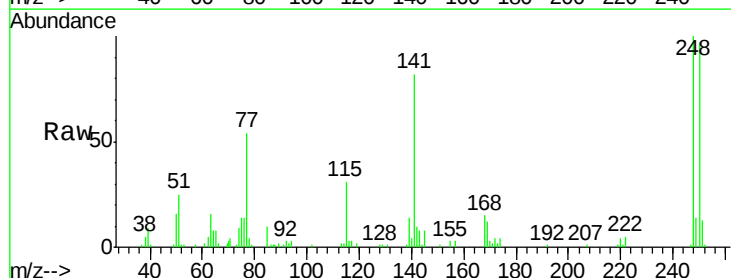
Tgt Ion:248 Resp: 70186

Ion Ratio Lower Upper

248 100

250 97.2 76.0 114.0

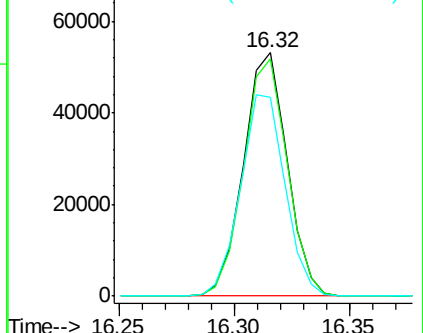
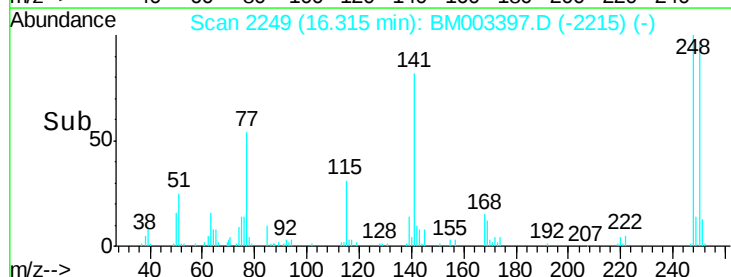
141 81.7 66.5 99.7

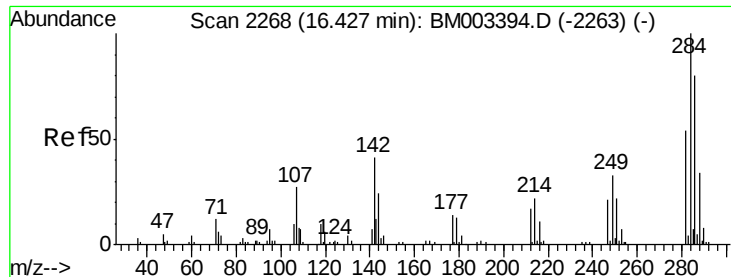


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

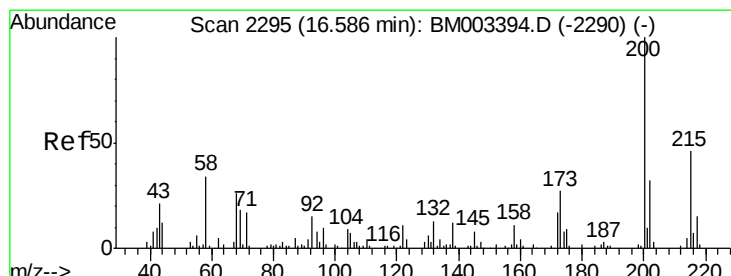
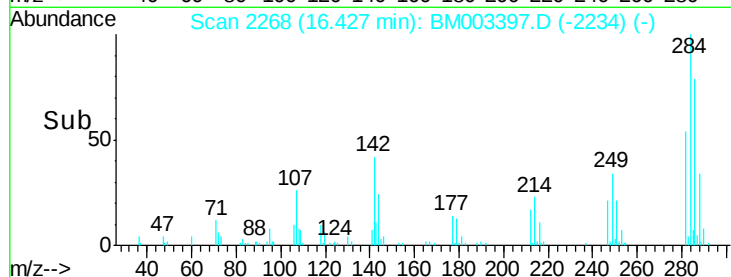
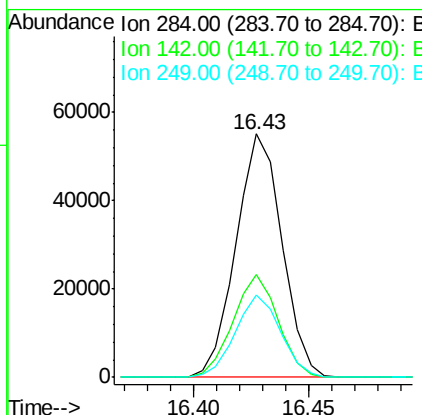
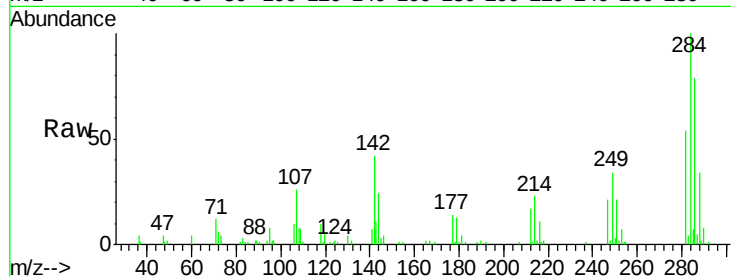




#67  
Hexachlorobenzene  
Concen: 20.19 ng/ul  
RT: 16.43 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

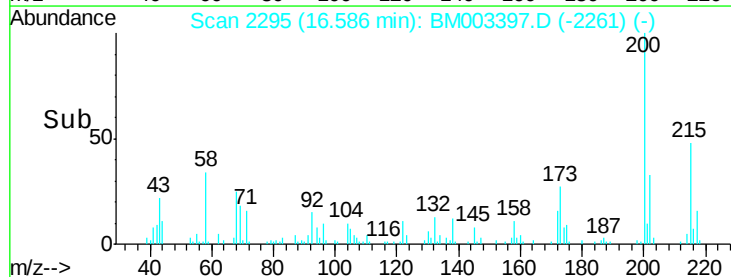
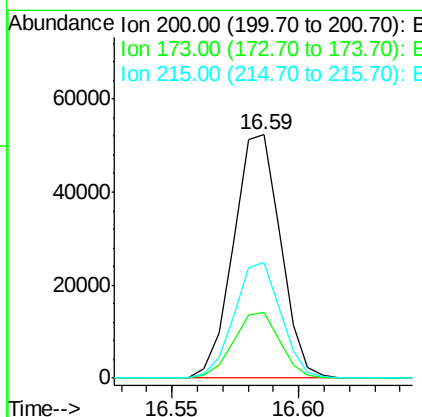
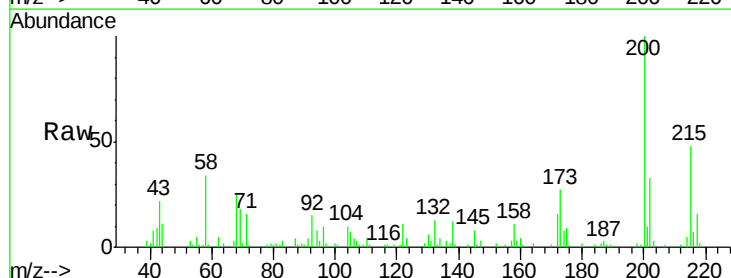
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

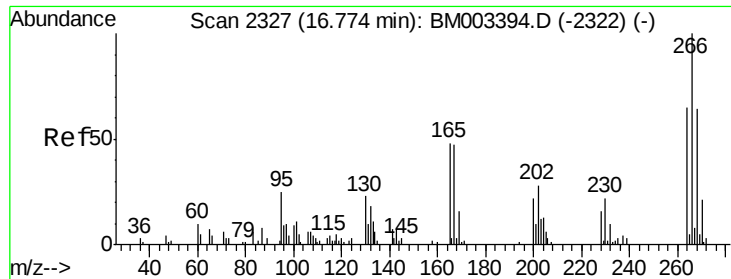
Tgt Ion: 284 Resp: 76696  
Ion Ratio Lower Upper  
284 100  
142 42.2 31.1 46.7  
249 33.8 26.1 39.1



#68  
Atrazine  
Concen: 19.63 ng/ul  
RT: 16.59 min Scan# 2295  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion: 200 Resp: 67674  
Ion Ratio Lower Upper  
200 100  
173 26.8 21.4 32.2  
215 47.7 37.8 56.6





#69

Pentachlorophenol

Concen: 17.69 ng/ul

RT: 16.77 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

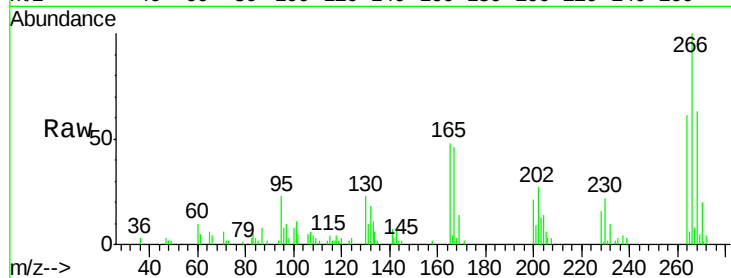
Tgt Ion:266 Resp: 36464

Ion Ratio Lower Upper

266 100

264 61.5 50.3 75.5

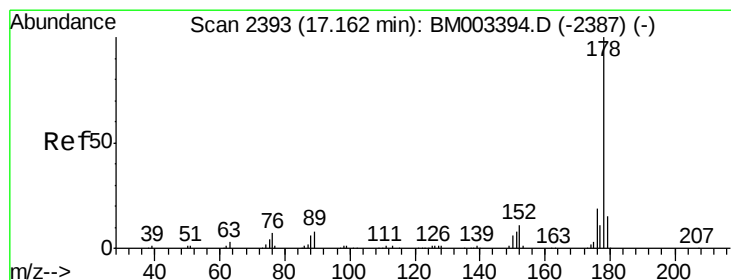
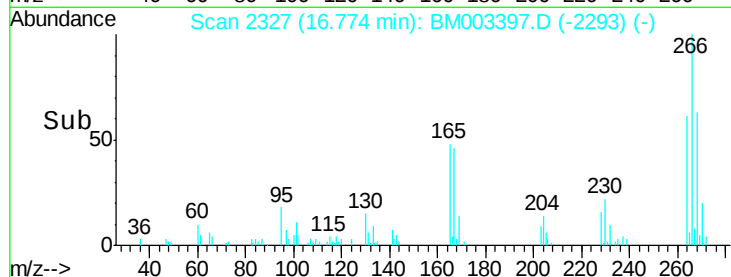
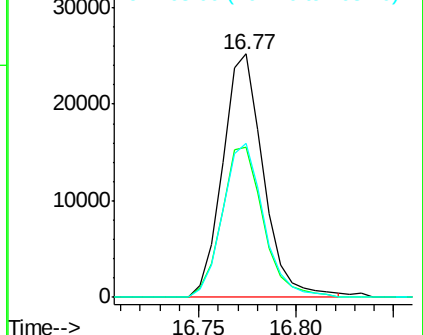
268 63.3 51.8 77.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 20.71 ng/ul

RT: 17.16 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

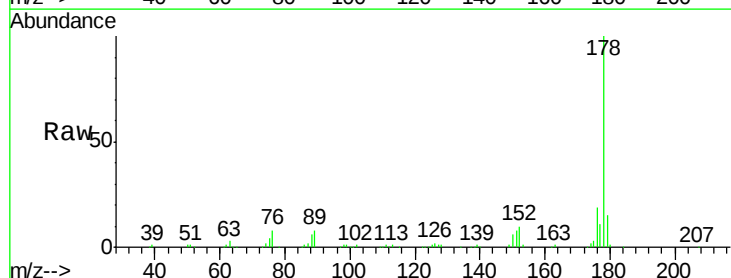
Tgt Ion:178 Resp: 387728

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

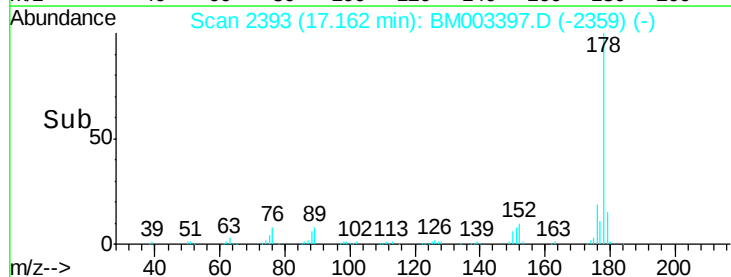
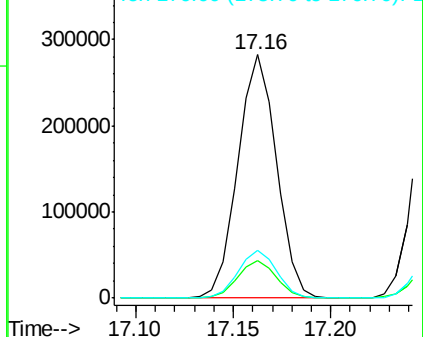
176 19.5 15.6 23.4

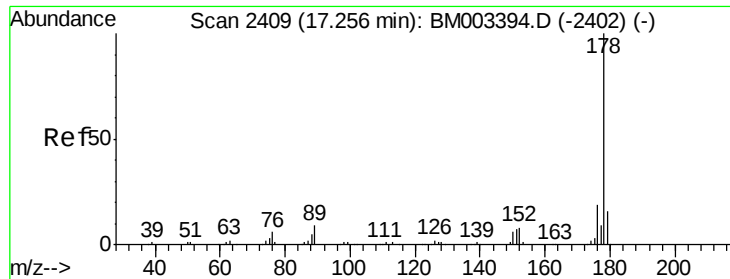


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 20.95 ng/uL

RT: 17.25 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

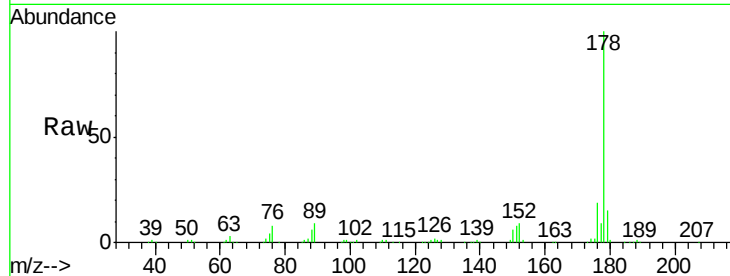
Tgt Ion:178 Resp: 395327

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

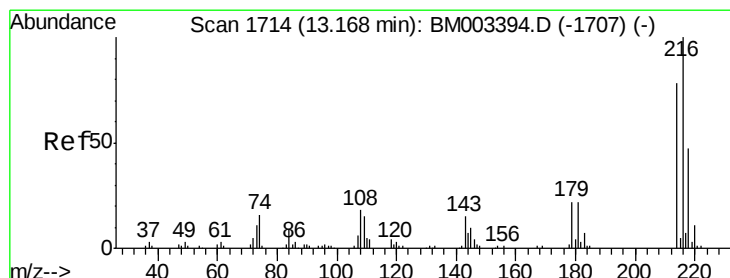
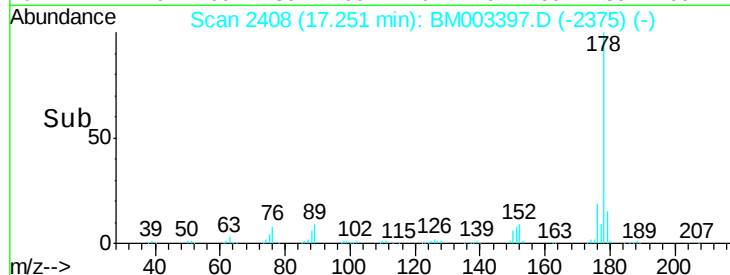
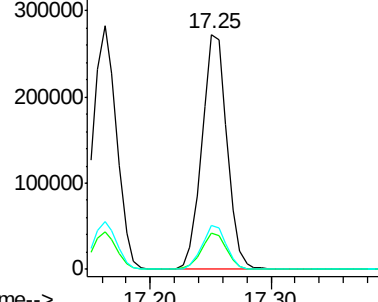
176 18.6 14.9 22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.48 ng/uL

RT: 13.17 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

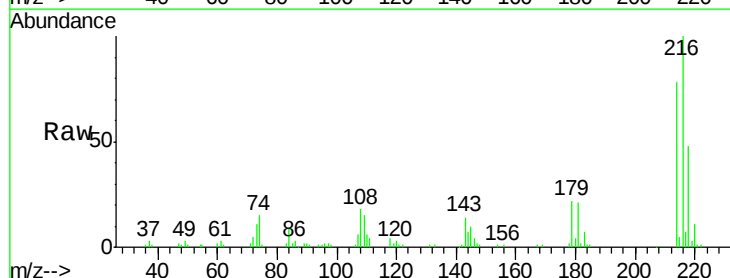
Tgt Ion:216 Resp: 117746

Ion Ratio Lower Upper

216 100

214 78.3 63.1 94.7

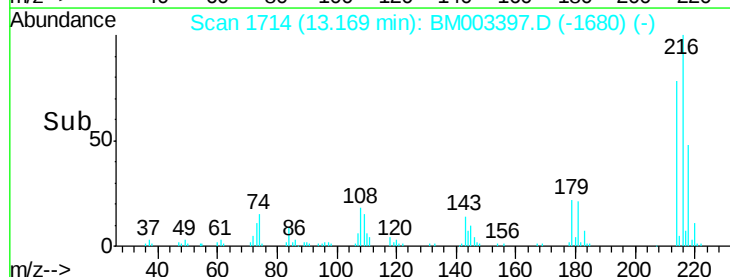
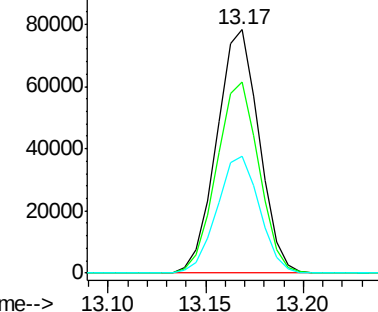
218 48.2 38.2 57.4

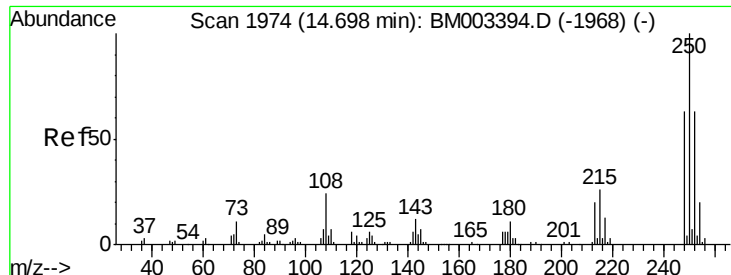


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 21.01 ng/uL

RT: 14.69 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

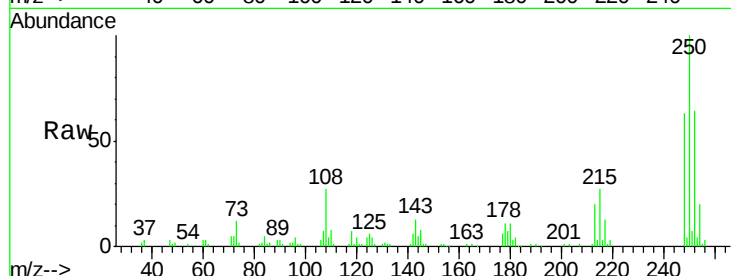
Tgt Ion:250 Resp: 102046

Ion Ratio Lower Upper

250 100

248 63.4 49.8 74.6

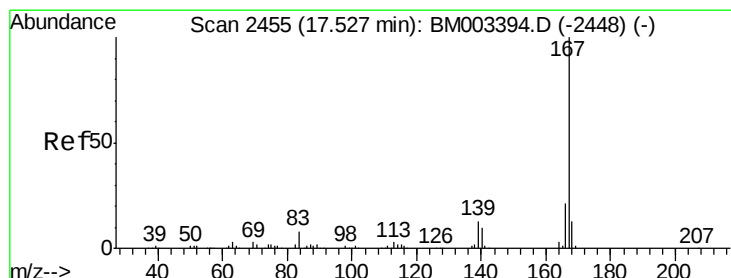
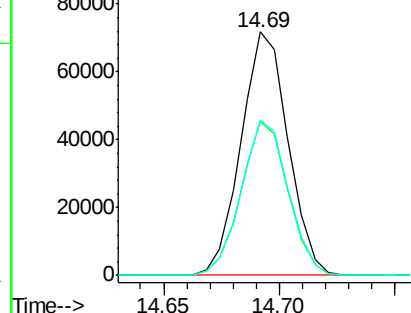
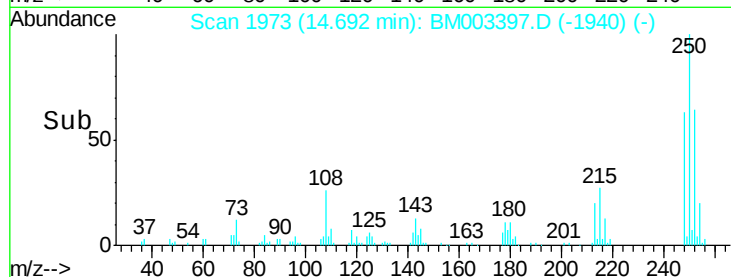
252 63.5 51.0 76.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 21.30 ng/uL

RT: 17.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

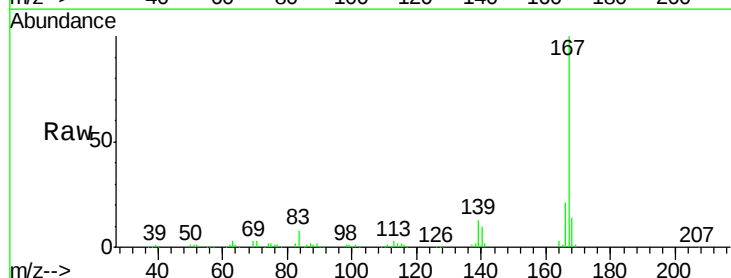
Tgt Ion:167 Resp: 347480

Ion Ratio Lower Upper

167 100

166 21.2 16.8 25.2

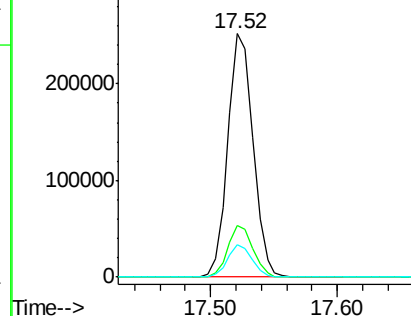
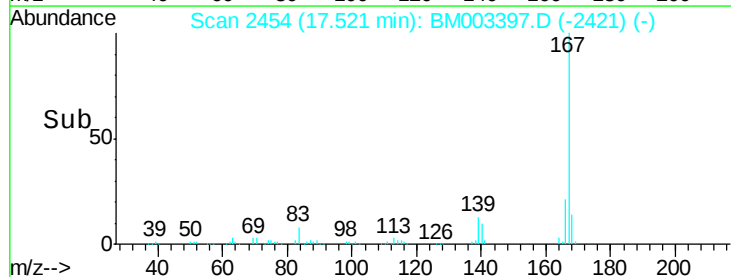
139 13.1 10.6 16.0

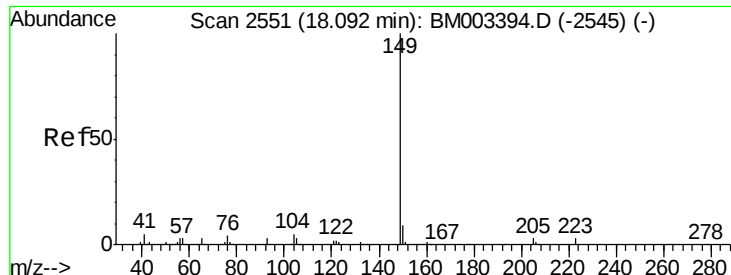


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

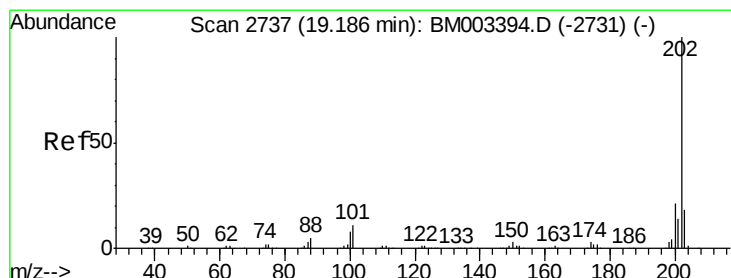
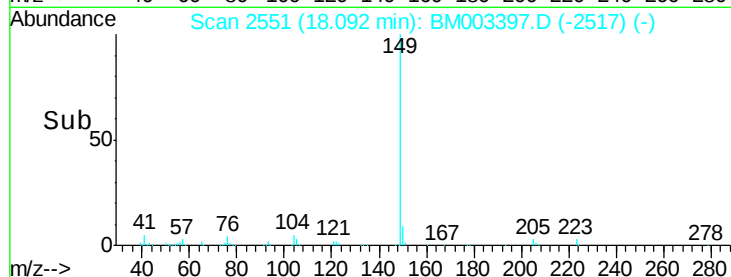
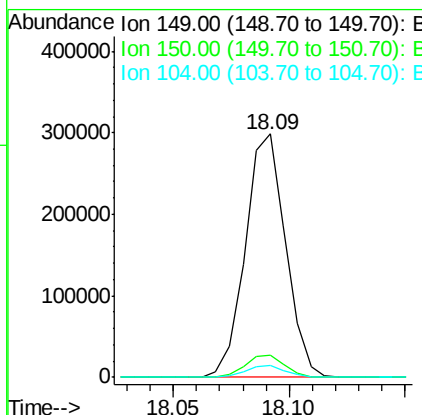
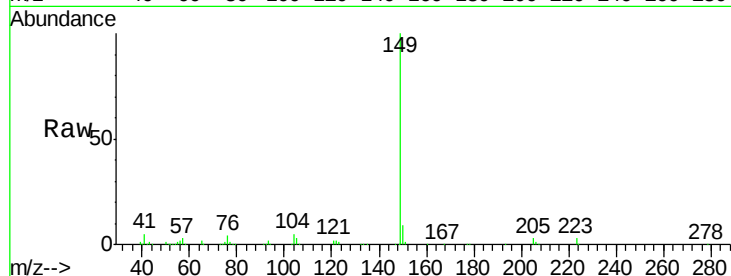




#76  
Di-n-butylphthalate  
Concen: 20.70 ng/ul  
RT: 18.09 min Scan# 2551  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

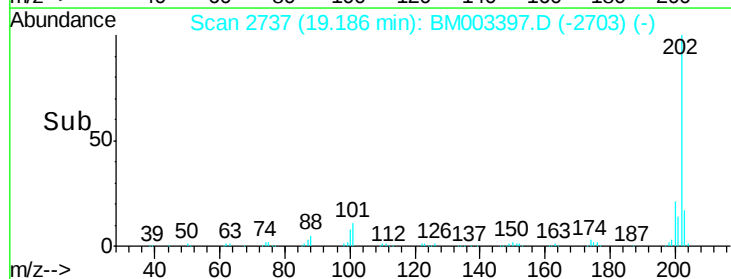
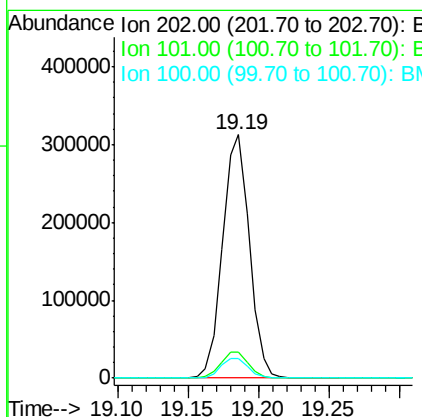
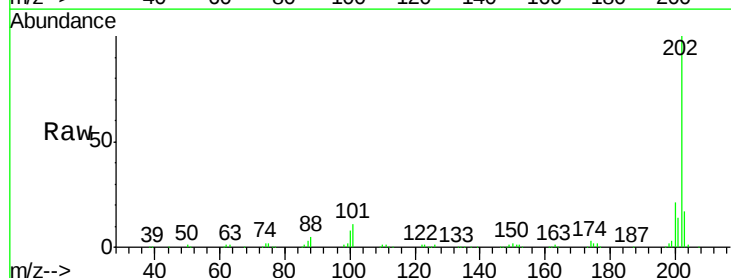
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

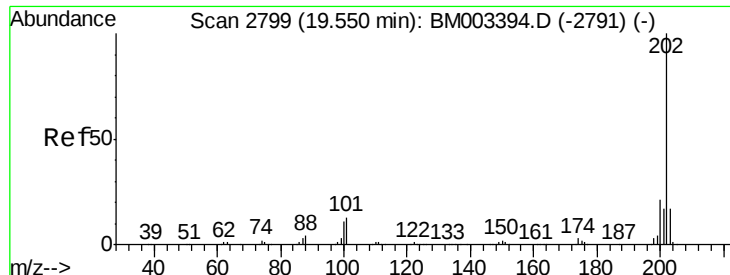
Tgt Ion:149 Resp: 363496  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.4 11.0  
104 4.7 3.8 5.8



#77  
Fluoranthene  
Concen: 21.81 ng/ul  
RT: 19.19 min Scan# 2737  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:202 Resp: 412503  
Ion Ratio Lower Upper  
202 100  
101 10.7 9.2 13.8  
100 7.9 7.0 10.4





#80

Pyrene

Concen: 19.80 ng/ul

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

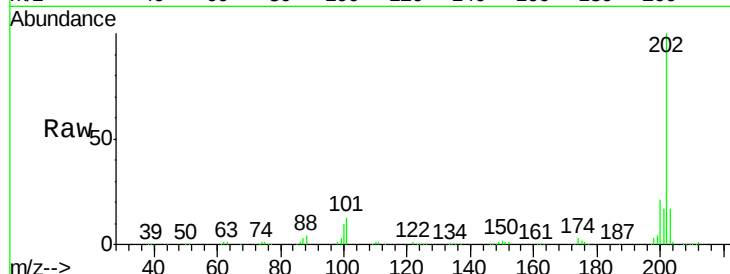
Tgt Ion:202 Resp: 435961

Ion Ratio Lower Upper

202 100

101 12.8 10.6 16.0

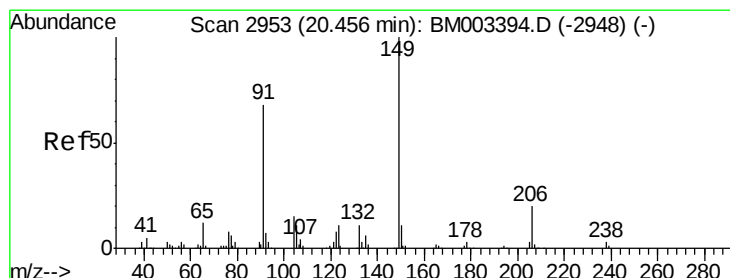
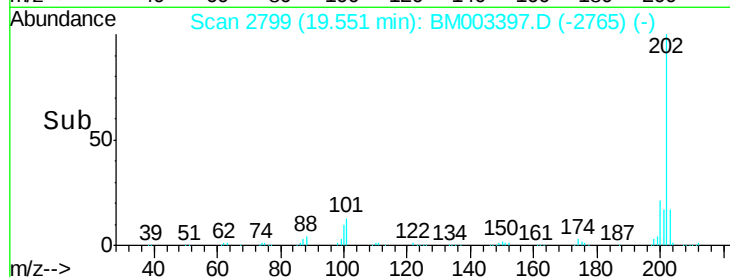
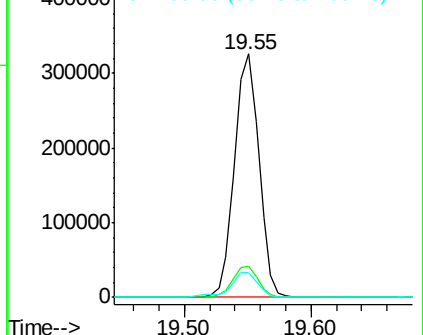
100 10.2 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 19.74 ng/ul

RT: 20.46 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

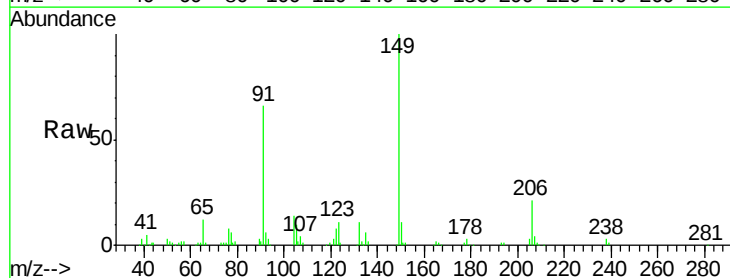
Tgt Ion:149 Resp: 141810

Ion Ratio Lower Upper

149 100

91 65.6 55.2 82.8

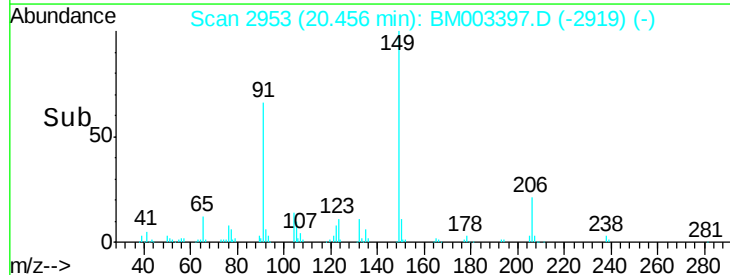
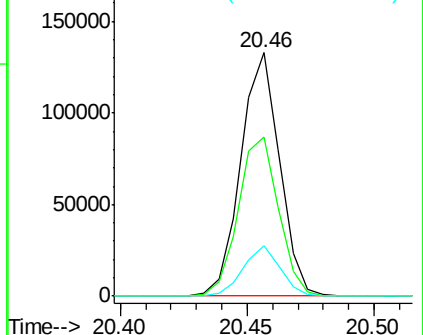
206 20.7 15.9 23.9

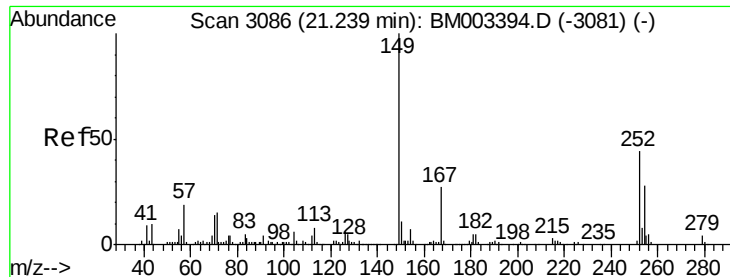


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

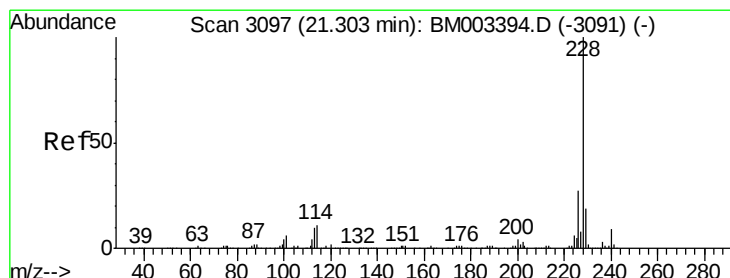
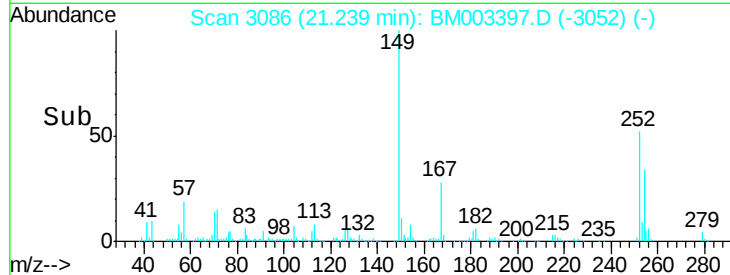
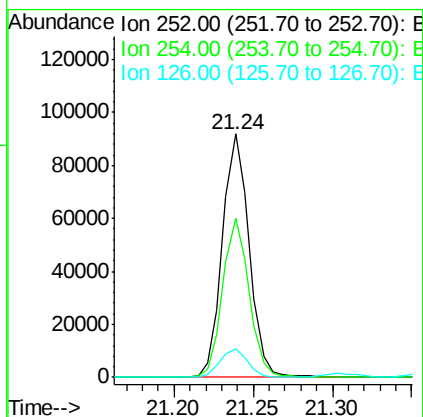
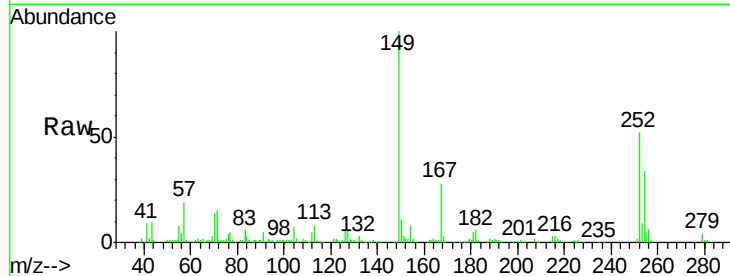




#82  
 3,3'-Dichlorobenzidine  
 Concen: 19.37 ng/ul  
 RT: 21.24 min Scan# 3086  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

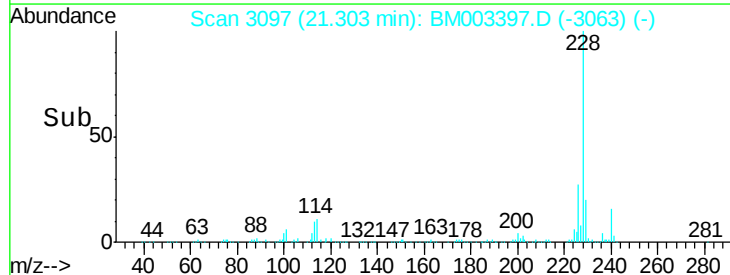
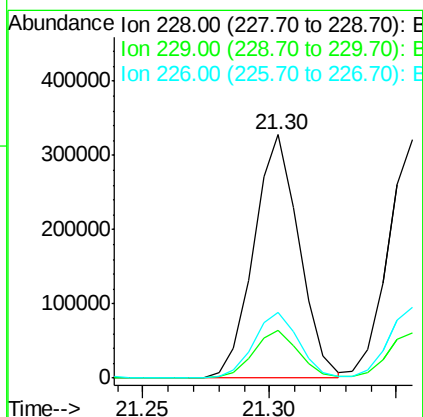
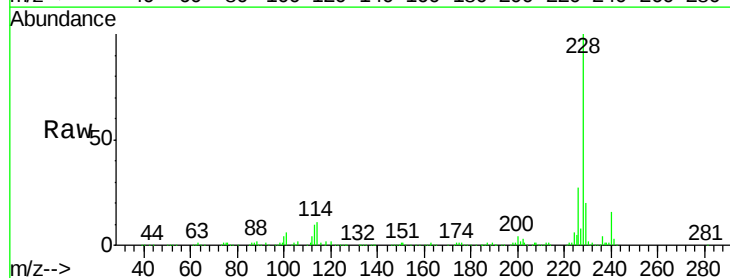
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02039

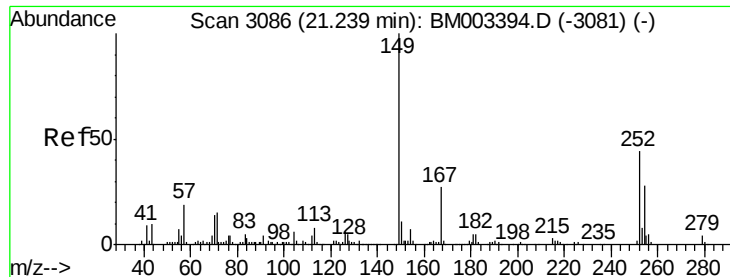
Tgt Ion:252 Resp: 107450  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 52.5 78.7  
 126 11.5 9.3 13.9



#83  
 Benzo(a)anthracene  
 Concen: 20.89 ng/ul  
 RT: 21.30 min Scan# 3097  
 Delta R.T. 0.00 min  
 Lab File: BM003397.D  
 Acq: 06 Dec 2015 21:08

Tgt Ion:228 Resp: 406256  
 Ion Ratio Lower Upper  
 228 100  
 229 19.5 16.1 24.1  
 226 26.8 21.3 31.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.63 ng/ul

RT: 21.23 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

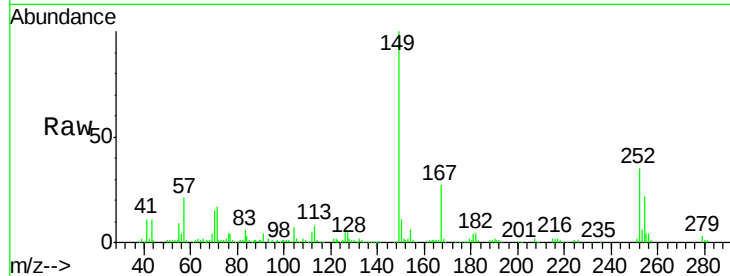
Tgt Ion:149 Resp: 205919

Ion Ratio Lower Upper

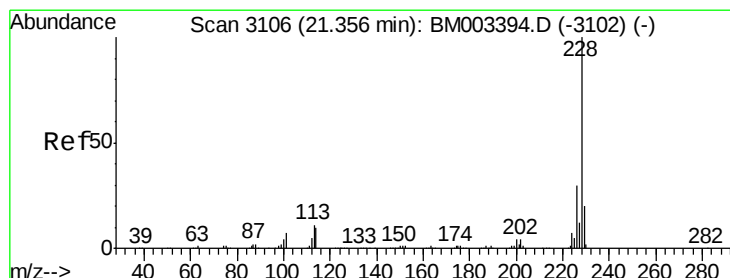
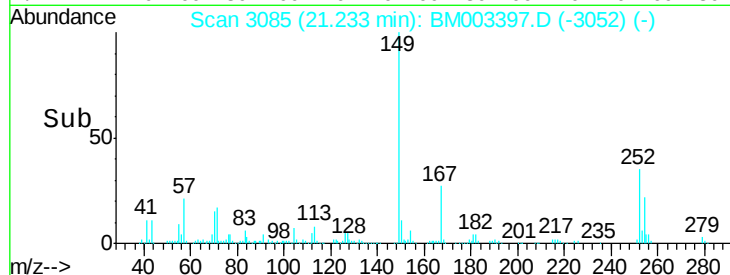
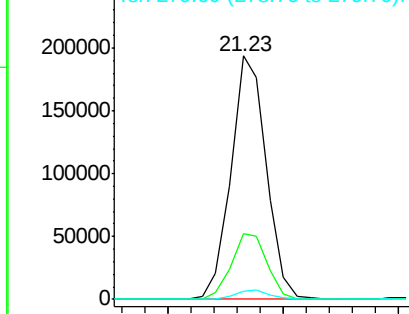
149 100

167 26.8 21.6 32.4

279 3.3 2.9 4.3



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



#85

Chrysene

Concen: 20.94 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

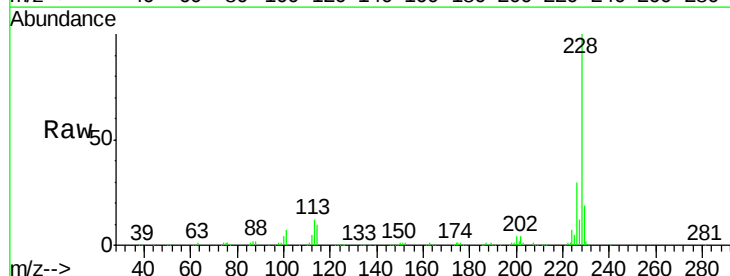
Tgt Ion:228 Resp: 392447

Ion Ratio Lower Upper

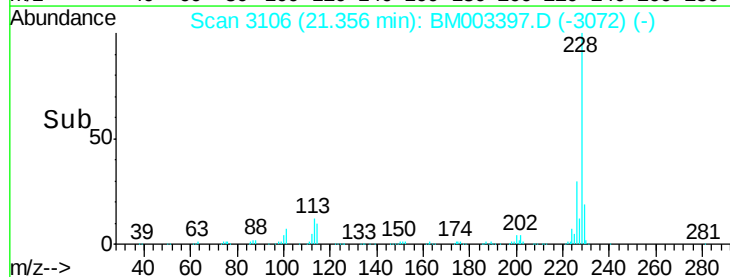
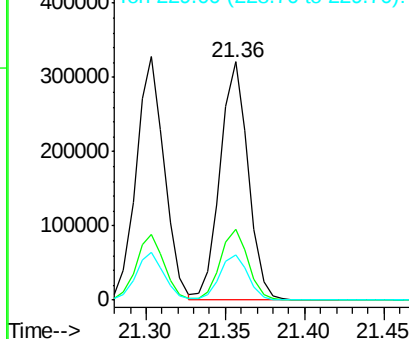
228 100

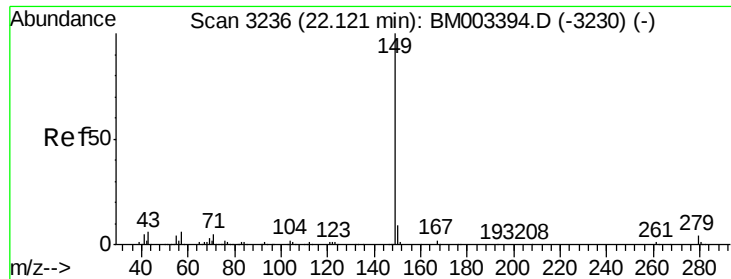
226 29.7 23.8 35.6

229 19.1 15.6 23.4



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

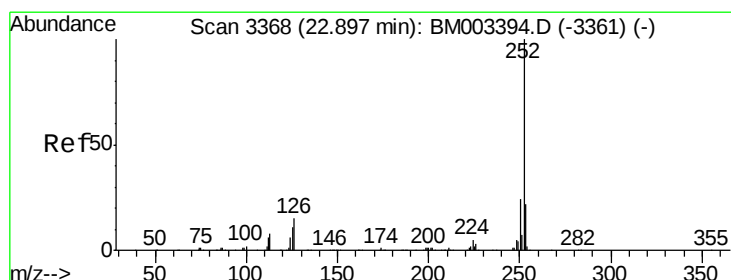
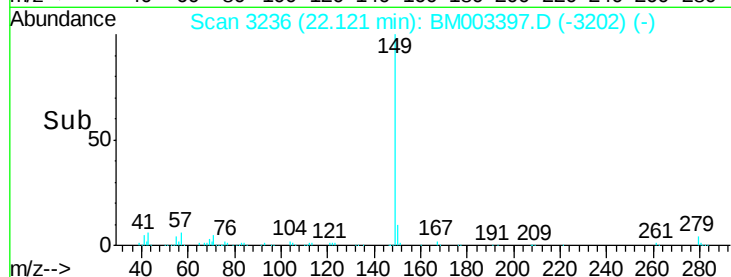
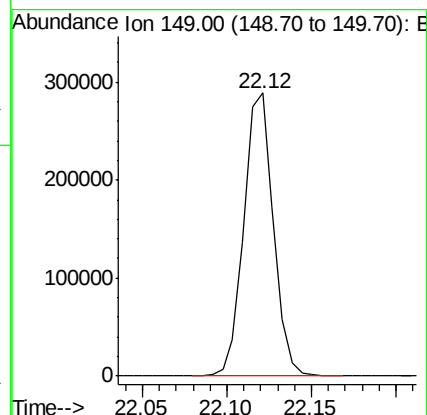
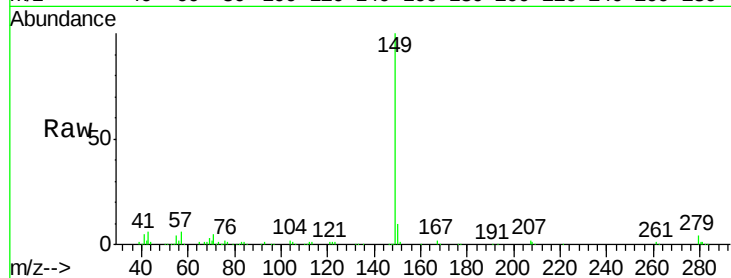




#87  
Di-n-octyl phthalate  
Concen: 18.21 ng/ul  
RT: 22.12 min Scan# 3236  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

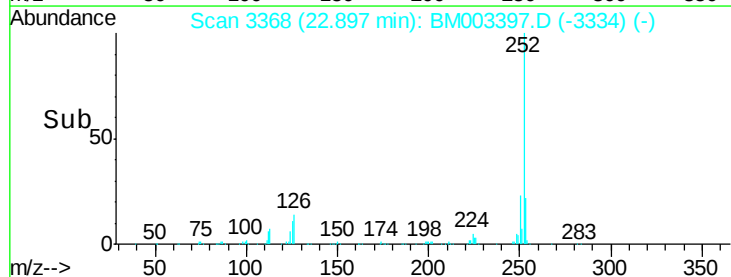
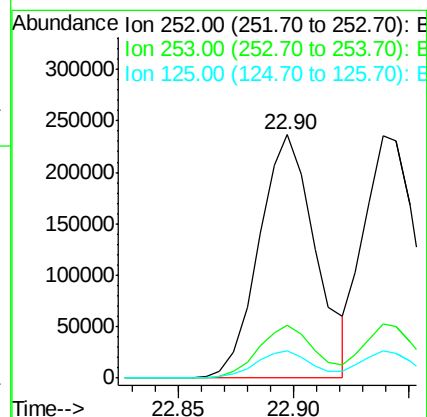
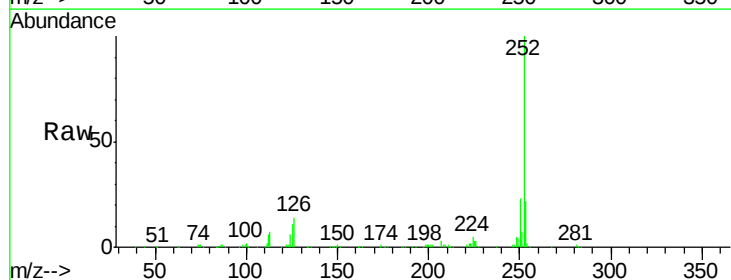
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02039

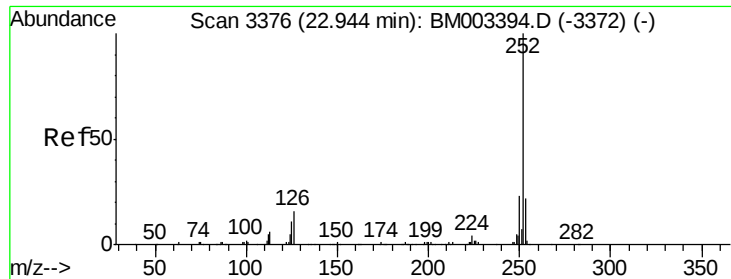
Tgt Ion:149 Resp: 351411



#88  
Benzo(b)fluoranthene  
Concen: 21.14 ng/ul  
RT: 22.90 min Scan# 3368  
Delta R.T. 0.00 min  
Lab File: BM003397.D  
Acq: 06 Dec 2015 21:08

Tgt Ion:252 Resp: 402045  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 11.0 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 20.00 ng/ul

RT: 22.94 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

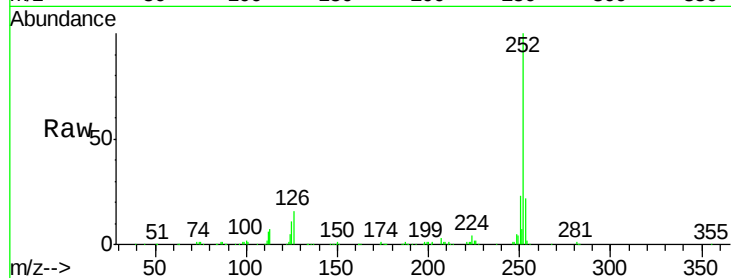
Tgt Ion:252 Resp: 373232

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

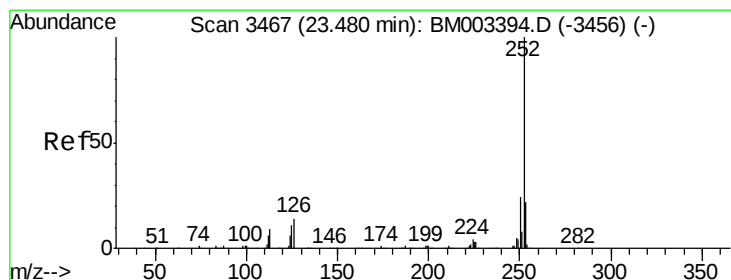
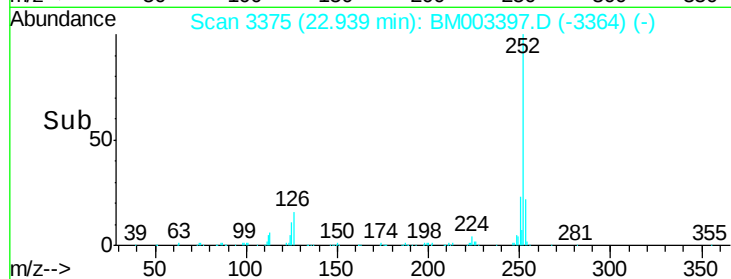
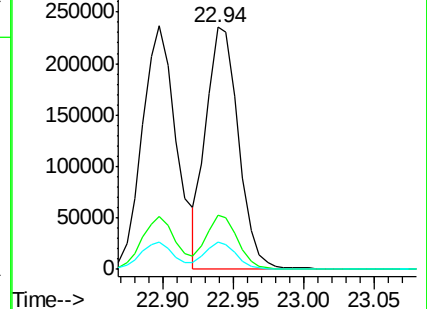
125 11.3 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.86 ng/ul

RT: 23.48 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

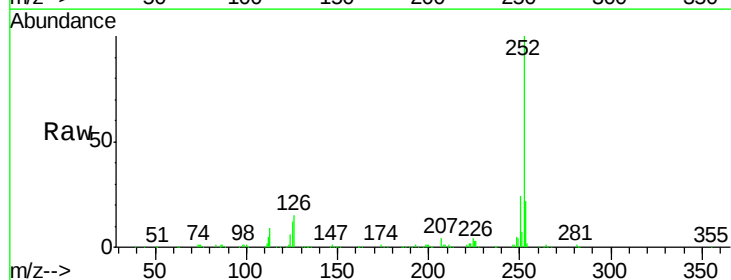
Tgt Ion:252 Resp: 384972

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

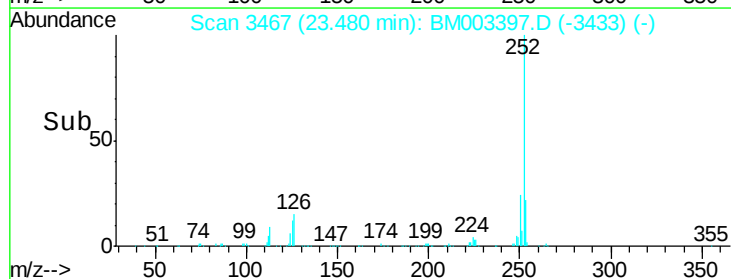
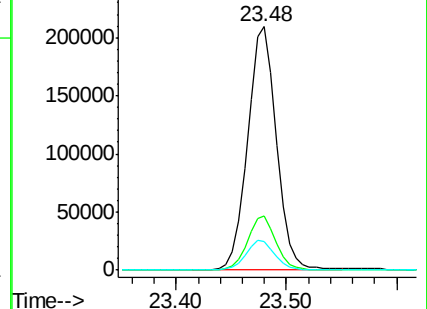
125 11.7 9.8 14.8

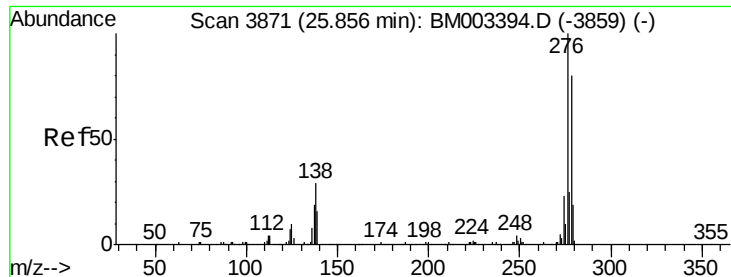


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 21.10 ng/ul

RT: 25.85 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039

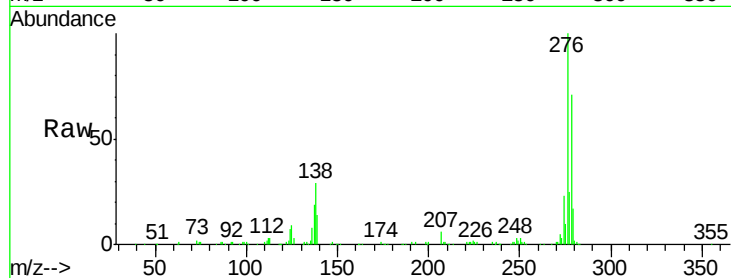
Tgt Ion:276 Resp: 436136

Ion Ratio Lower Upper

276 100

138 28.6 22.6 34.0

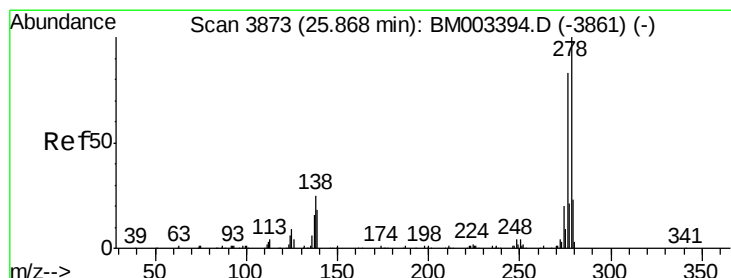
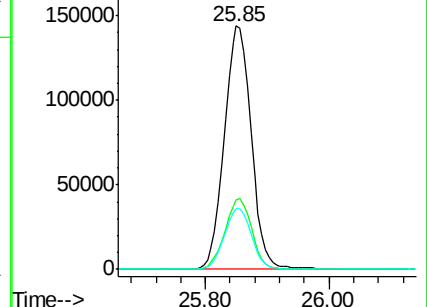
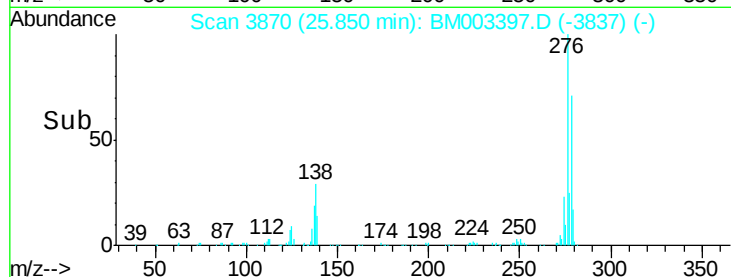
277 25.0 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 21.11 ng/ul

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM003397.D

Acq: 06 Dec 2015 21:08

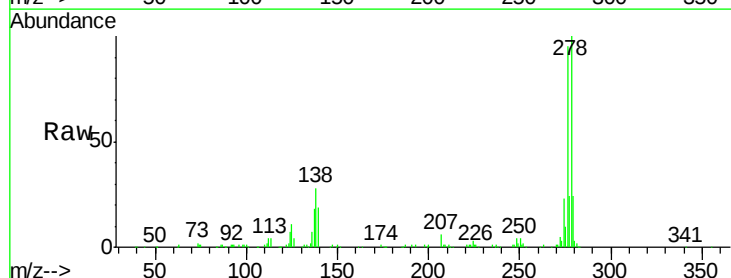
Tgt Ion:278 Resp: 369432

Ion Ratio Lower Upper

278 100

139 19.1 15.0 22.6

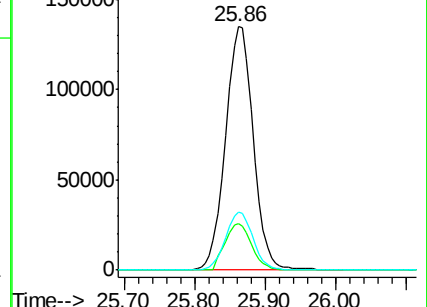
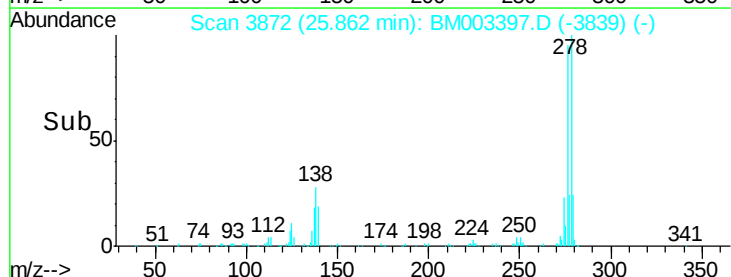
279 24.1 18.9 28.3

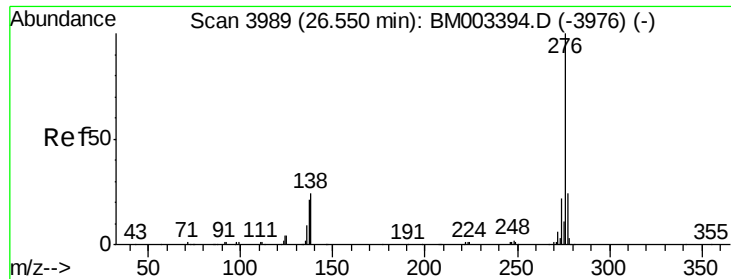


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 21.05 ng/ul

RT: 26.55 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BM003397.D

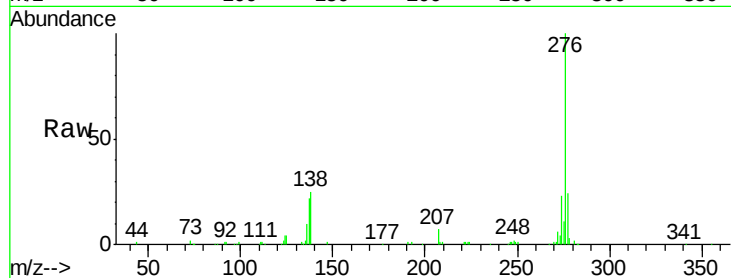
Acq: 06 Dec 2015 21:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02039



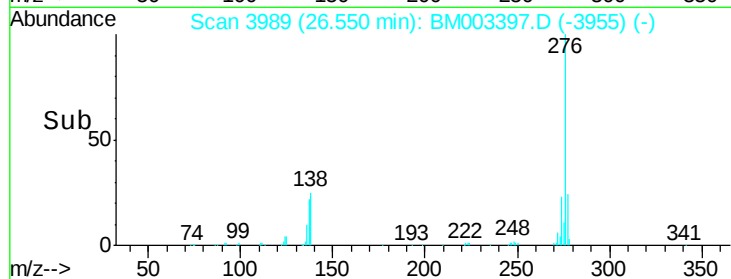
Tgt Ion: 276 Resp: 366506

Ion Ratio Lower Upper

276 100

138 25.4 19.8 29.6

277 24.4 18.8 28.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

