

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062919\  
 Data File : BM021254.D  
 Acq On : 29 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02052

Quant Time: Jun 29 22:18:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 05:07:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 262669   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.55 | 136  | 1157534  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 752368   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.15 | 188  | 1720572  | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.33 | 240  | 1415958  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.60 | 264  | 1498029  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 39566   | 7.15  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.93  | 99  | 452403  | 19.79 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 274629  | 20.16 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.29  | 132 | 374942  | 20.18 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 380824  | 19.95 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.92  | 128 | 193105  | 20.55 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 218339  | 20.93 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 450003  | 21.21 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 418251  | 18.90 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 1380780 | 20.31 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1723082 | 20.71 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.61 | 143 | 202195  | 18.28 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.39 | 176 | 1208081 | 20.43 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 201049  | 19.01 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.25 | 188 | 1824898 | 20.41 | ng/ul | -0.01 |
| 78) Pyrene-d10                 | 19.54 | 212 | 1795528 | 21.13 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.46 | 264 | 1808223 | 20.46 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.31  | 88  | 39066   | 6.979  | ng/uL 97  |
| 4) Benzaldehyde                | 6.91  | 77  | 183626  | 17.617 | ng/ul 100 |
| 6) Phenol                      | 6.95  | 94  | 428627  | 19.821 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.19  | 93  | 330608  | 20.031 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.32  | 128 | 351984  | 20.106 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.20  | 108 | 337875  | 20.193 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.28  | 45  | 422320  | 20.039 | ng/ul 99  |
| 14) Acetophenone               | 8.58  | 105 | 570172  | 20.758 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.57  | 70  | 294056  | 20.570 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.53  | 108 | 367865  | 20.203 | ng/ul 99  |
| 17) Hexachloroethane           | 8.82  | 117 | 145649  | 19.960 | ng/ul 94  |
| 20) Nitrobenzene               | 8.96  | 77  | 429539  | 20.342 | ng/ul 98  |
| 21) Isophorone                 | 9.49  | 82  | 815340  | 20.504 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.67  | 139 | 217546  | 20.736 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.72  | 107 | 436534  | 20.367 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.96  | 93  | 489307  | 19.967 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.19 | 162 | 405686  | 21.005 | ng/ul 99  |
| 28) Naphthalene                | 10.59 | 128 | 1203339 | 20.248 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.72 | 127 | 401337  | 19.284 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.86 | 225 | 274923  | 20.892 | ng/ul 97  |
| 32) Caprolactam                | 11.51 | 113 | 76676   | 14.122 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 11.83 | 107 | 408713  | 20.757 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 931272  | 20.437 | ng/ul 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062919\  
 Data File : BM021254.D  
 Acq On : 29 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

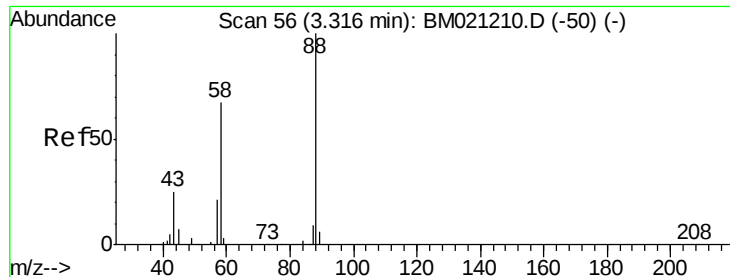
Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTD02052

Quant Time: Jun 29 22:18:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 05:07:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 559907   | 20.846 | ng/ul | 99       |
| 37) Hexachlorocyclopentadiene  | 12.55 | 237  | 281750   | 17.633 | ng/ul | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.82 | 196  | 352116   | 21.096 | ng/ul | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.90 | 196  | 371486   | 20.836 | ng/ul | 98       |
| 40) 1,1'-Biphenyl              | 13.23 | 154  | 1252605  | 20.182 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.27 | 162  | 991869   | 20.228 | ng/ul | 99       |
| 42) 2-Nitroaniline             | 13.49 | 65   | 246943   | 20.722 | ng/ul | 96       |
| 44) Dimethylphthalate          | 13.86 | 163  | 1263838  | 20.423 | ng/ul | 99       |
| 45) 2,6-Dinitrotoluene         | 13.99 | 165  | 250869   | 21.240 | ng/ul | 99       |
| 47) Acenaphthylene             | 14.12 | 152  | 1469776  | 20.629 | ng/ul | 99       |
| 48) 3-Nitroaniline             | 14.32 | 138  | 215511   | 20.843 | ng/ul | 96       |
| 49) Acenaphthene               | 14.46 | 153  | 1053239  | 20.164 | ng/ul | 100      |
| 50) 2,4-Dinitrophenol          | 14.53 | 184  | 98060    | 16.526 | ng/ul | 96       |
| 52) 4-Nitrophenol              | 14.63 | 109  | 148191   | 18.118 | ng/ul | 99       |
| 53) Dibenzofuran               | 14.80 | 168  | 1518936  | 20.423 | ng/ul | 99       |
| 54) 2,4-Dinitrotoluene         | 14.77 | 165  | 369136   | 21.537 | ng/ul | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 337202   | 21.689 | ng/ul | 98       |
| 56) Diethylphthalate           | 15.23 | 149  | 1222250  | 20.471 | ng/ul | 99       |
| 58) Fluorene                   | 15.45 | 166  | 1241457  | 20.545 | ng/ul | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.45 | 204  | 683469   | 20.745 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.49 | 138  | 208741   | 18.993 | ng/ul | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 200626   | 18.896 | ng/ul | 98       |
| 64) N-Nitrosodiphenylamine     | 15.66 | 169  | 1064015  | 20.419 | ng/ul | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.34 | 248  | 437479   | 20.734 | ng/ul | 100      |
| 66) Hexachlorobenzene          | 16.45 | 284  | 510327   | 21.104 | ng/ul | 99       |
| 67) Atrazine                   | 16.62 | 200  | 366204   | 19.371 | ng/ul | 98       |
| 68) Pentachlorophenol          | 16.80 | 266  | 252803   | 20.850 | ng/ul | 97       |
| 69) Phenanthrene               | 17.19 | 178  | 1922703  | 20.206 | ng/ul | 100      |
| 71) Anthracene                 | 17.28 | 178  | 1964805  | 20.262 | ng/ul | 100      |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216  | 551539   | 20.377 | ng/uL | 100      |
| 73) Pentachlorobenzene         | 14.71 | 250  | 578743   | 20.780 | ng/uL | 99       |
| 74) Carbazole                  | 17.56 | 167  | 1605729  | 20.092 | ng/ul | 99       |
| 75) Di-n-butylphthalate        | 18.12 | 149  | 1895864  | 19.759 | ng/ul | 99       |
| 76) Fluoranthene               | 19.20 | 202  | 2110292  | 20.525 | ng/ul | 99       |
| 79) Pyrene                     | 19.57 | 202  | 2116142  | 21.140 | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.47 | 149  | 731323   | 19.736 | ng/ul | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.26 | 252  | 612606   | 19.303 | ng/ul | 99       |
| 82) Benzo(a)anthracene         | 21.32 | 228  | 1946141  | 20.160 | ng/ul | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 1003624  | 19.023 | ng/ul | 98       |
| 84) Chrysene                   | 21.37 | 228  | 1816253  | 20.089 | ng/ul | 99       |
| 86) Di-n-octyl phthalate       | 22.13 | 149  | 1604329  | 18.586 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.92 | 252  | 1946826  | 20.516 | ng/ul | 99       |
| 88) Benzo(k)fluoranthene       | 22.97 | 252  | 1822592  | 19.965 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.50 | 252  | 1817936  | 20.354 | ng/ul | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.89 | 276  | 2230294  | 21.206 | ng/ul | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.90 | 278  | 1857458  | 20.994 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.60 | 276  | 1837817  | 21.217 | ng/ul | 97       |

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021254.D
Acq On    : 29 Jun 2019   09:52
Operator  : HP/JU
Sample    : SSTCCCC020
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```



#2

1,4-Dioxane

Concen: 6.979 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

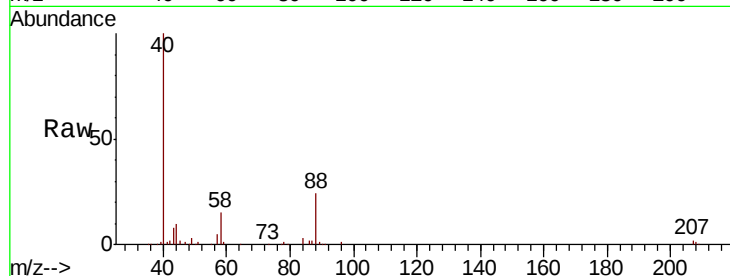
Tgt Ion: 88 Resp: 39066

Ion Ratio Lower Upper

88 100

43 31.6 26.7 40.1

58 63.9 52.6 78.8

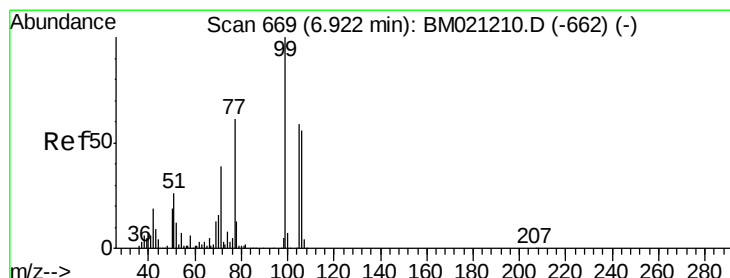
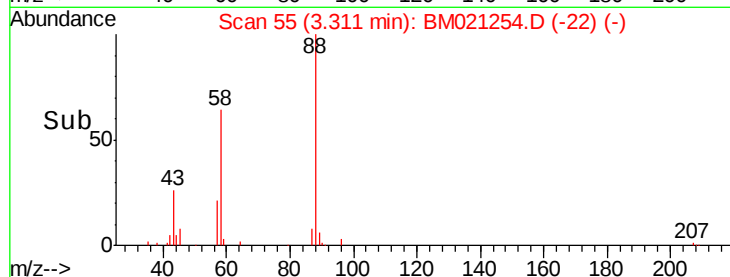
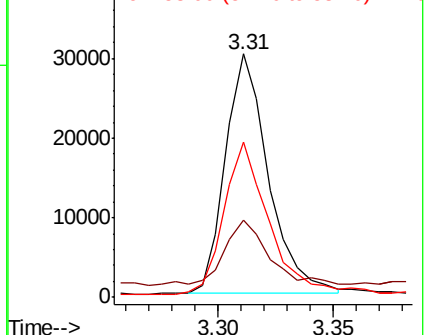


Abundance

Ion 88.00 (87.70 to 88.70): BM021210.D (-50) (-)

Ion 43.00 (42.70 to 43.70): BM021210.D (-50) (-)

Ion 58.00 (57.70 to 58.70): BM021210.D (-50) (-)



#4

Benzaldehyde

Concen: 17.617 ng/uL

RT: 6.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

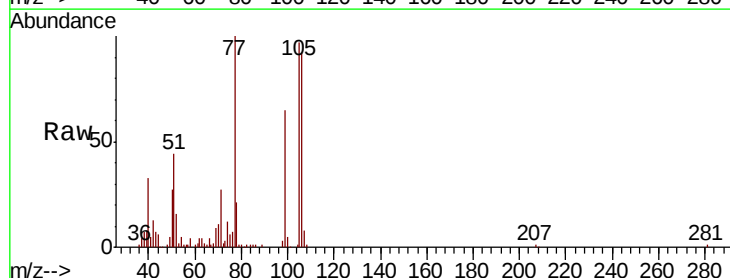
Tgt Ion: 77 Resp: 183626

Ion Ratio Lower Upper

77 100

105 96.8 78.1 117.1

106 91.8 73.4 110.2

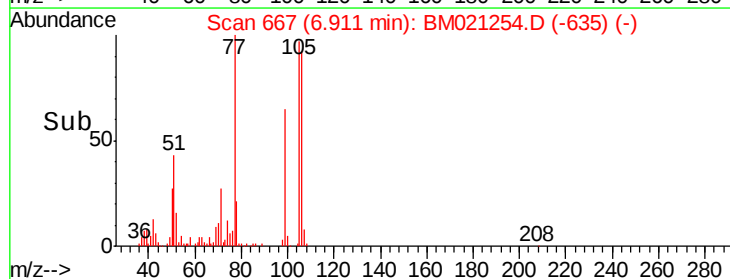
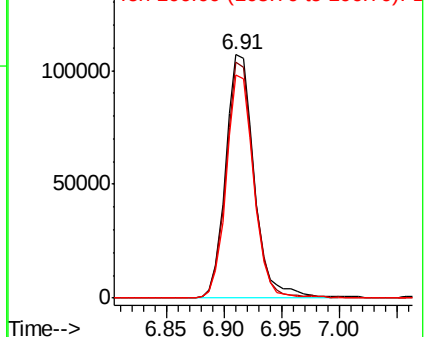


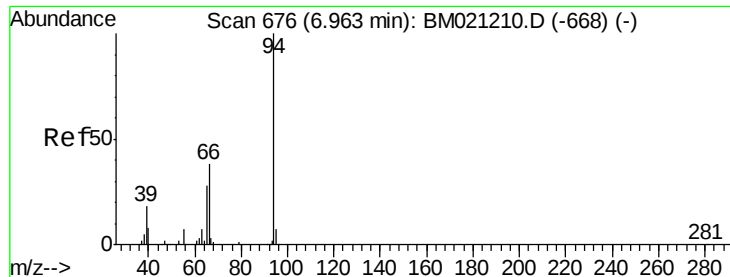
Abundance

Ion 77.00 (76.70 to 77.70): BM021210.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM021210.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM021210.D (-662) (-)





#6

Phenol

Concen: 19.821 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

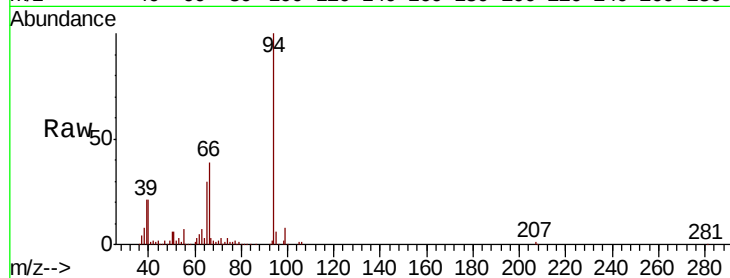
Tgt Ion: 94 Resp: 428627

Ion Ratio Lower Upper

94 100

65 29.5 22.6 34.0

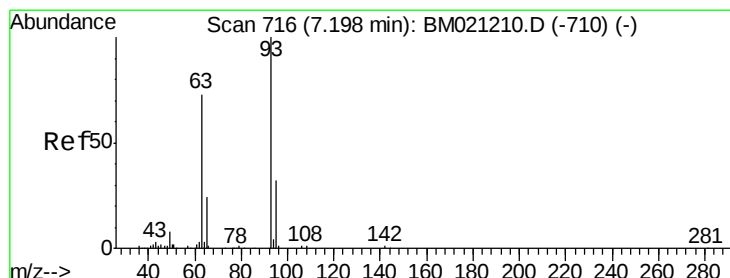
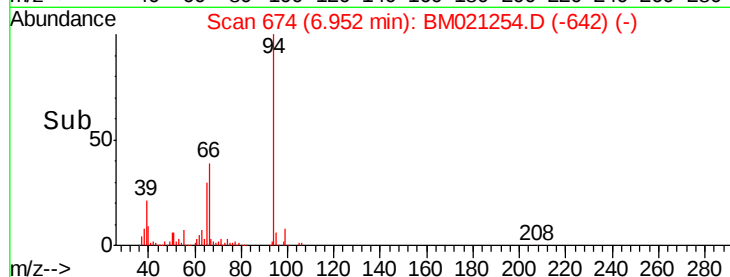
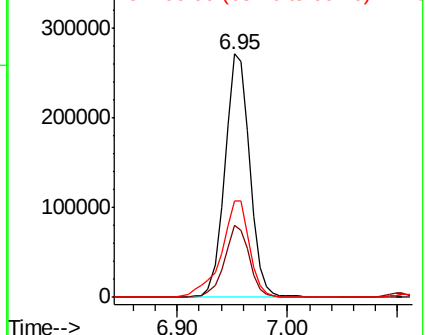
66 39.5 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021210.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM021210.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM021210.D (-668) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.031 ng/ul

RT: 7.19 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

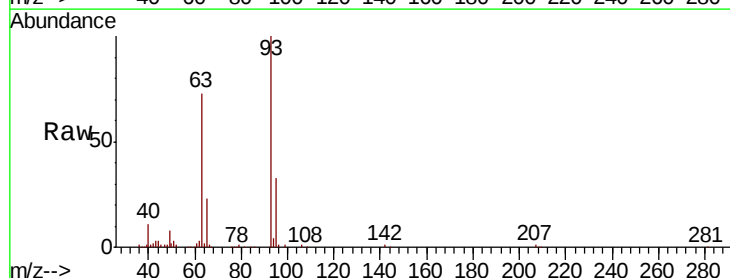
Tgt Ion: 93 Resp: 330608

Ion Ratio Lower Upper

93 100

63 72.8 57.9 86.9

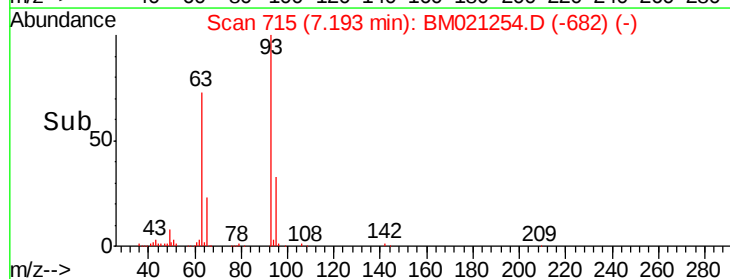
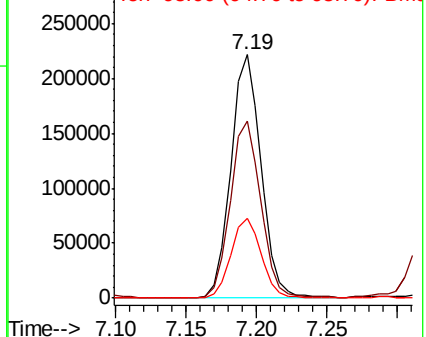
95 32.9 26.2 39.4

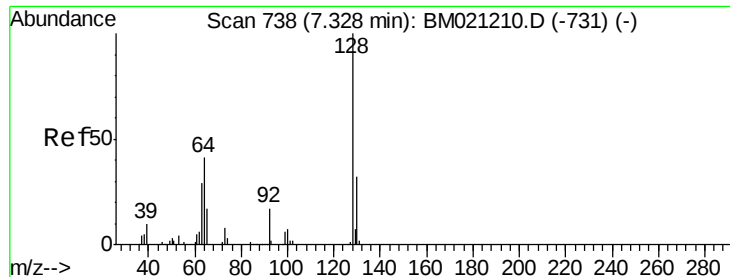


Abundance Ion 93.00 (92.70 to 93.70): BM021210.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM021210.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM021210.D (-710) (-)

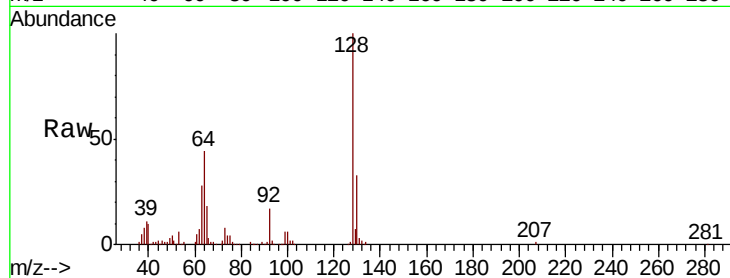




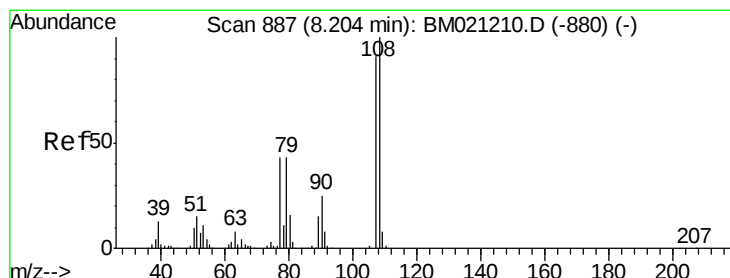
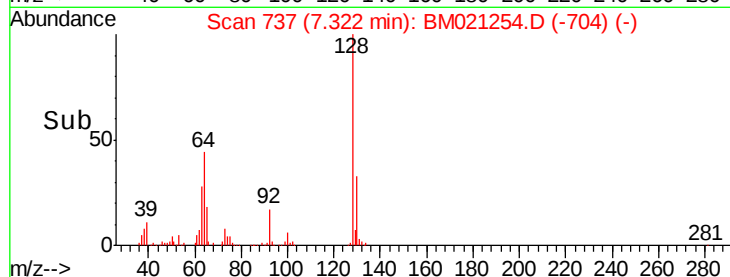
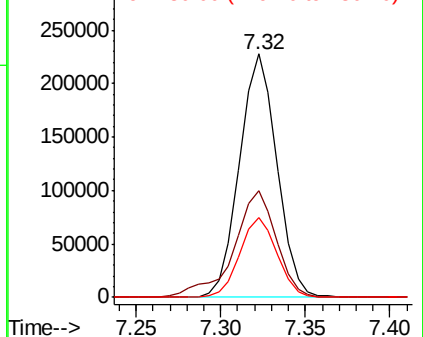
#10  
2-Chlorophenol  
Concen: 20.106 ng/ul  
RT: 7.32 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

Tgt Ion:128 Resp: 351984  
Ion Ratio Lower Upper  
128 100  
64 44.1 34.2 51.4  
130 32.7 26.8 40.2

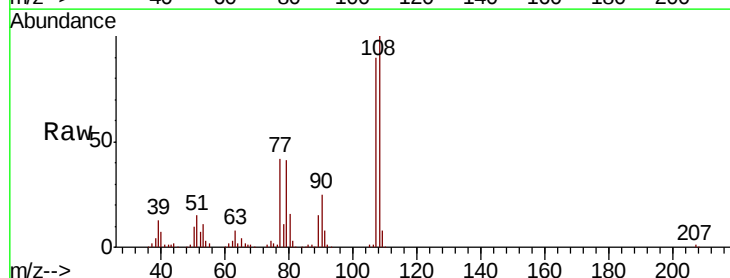


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM  
Ion 130.00 (129.70 to 130.70): E

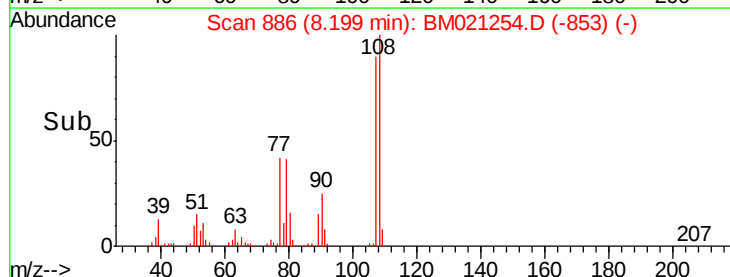
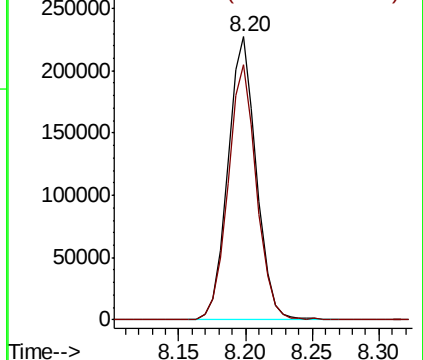


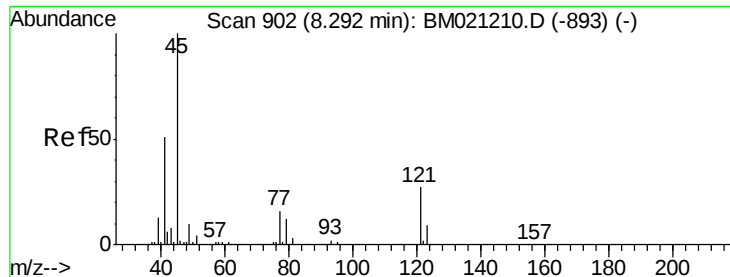
#11  
2-Methylphenol  
Concen: 20.193 ng/ul  
RT: 8.20 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion:108 Resp: 337875  
Ion Ratio Lower Upper  
108 100  
107 89.9 74.6 111.8



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

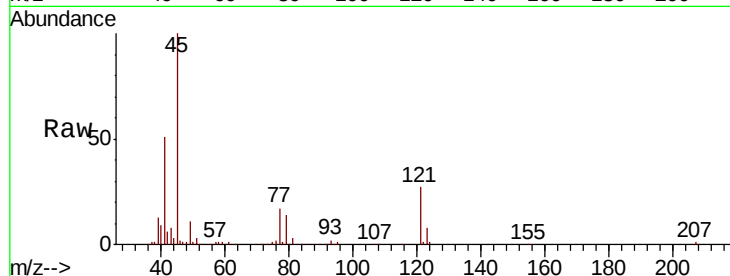




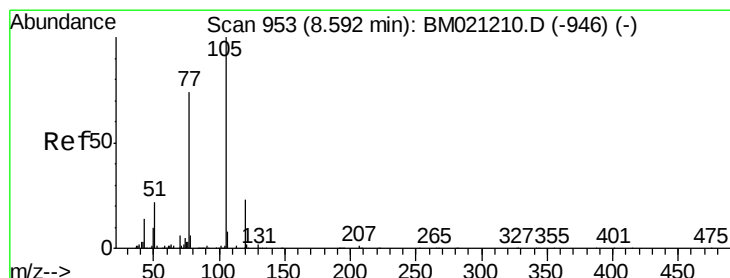
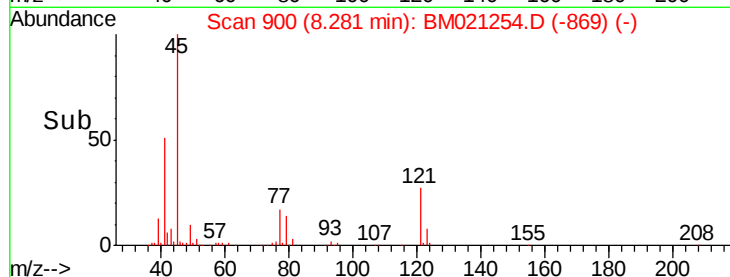
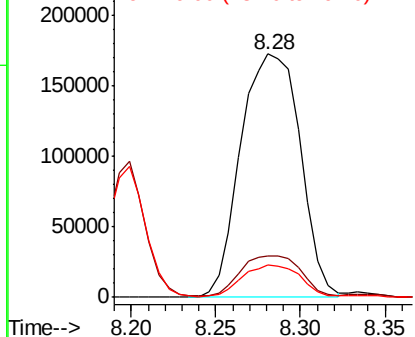
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2,2'-oxybis(1-Chloropropane)  
Concen: 20.039 ng/ul  
RT: 8.28 min Scan# 900  
Delta R.T. -0.02 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

Tgt Ion: 45 Resp: 422320  
Ion Ratio Lower Upper  
45 100  
77 16.7 13.8 20.6  
79 13.6 10.7 16.1

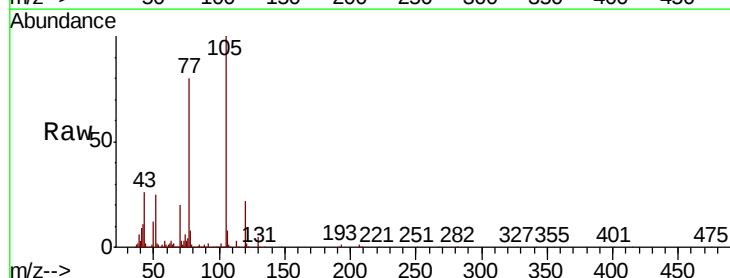


Abundance Ion 45.00 (44.70 to 45.70): BM0  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

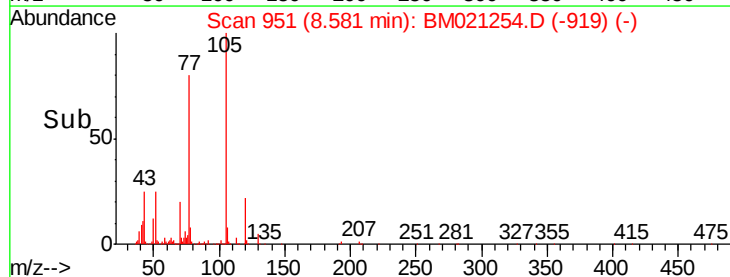
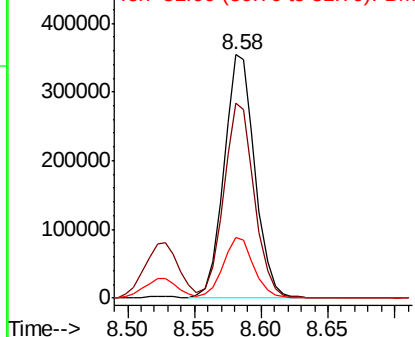


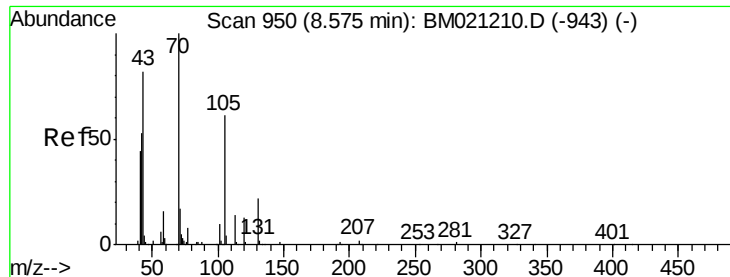
#14  
Acetophenone  
Concen: 20.758 ng/ul  
RT: 8.58 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion: 105 Resp: 570172  
Ion Ratio Lower Upper  
105 100  
77 80.1 63.8 95.6  
51 25.0 19.3 28.9



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





#15

N-Nitroso-di-n-propylamine

Concen: 20.570 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

Tgt Ion: 70 Resp: 294056

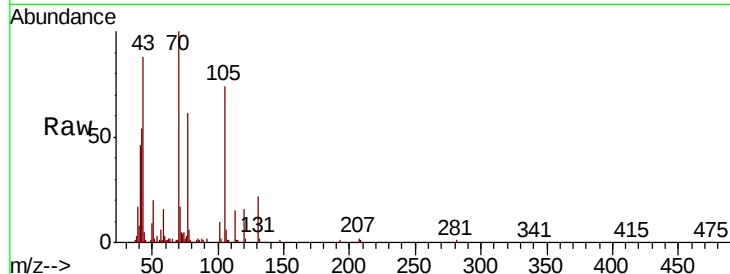
Ion Ratio Lower Upper

70 100

42 54.4 43.4 65.0

101 10.1 7.8 11.6

130 21.8 18.5 27.7

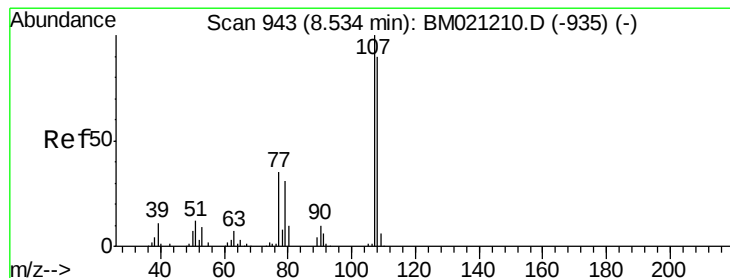
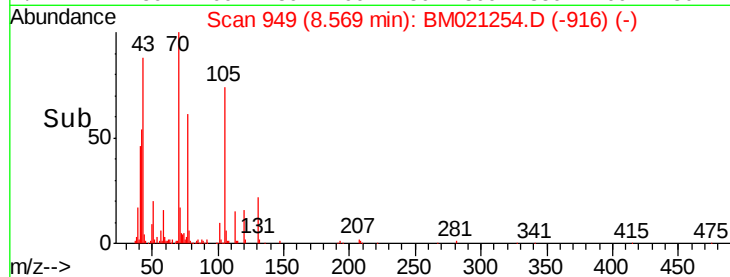
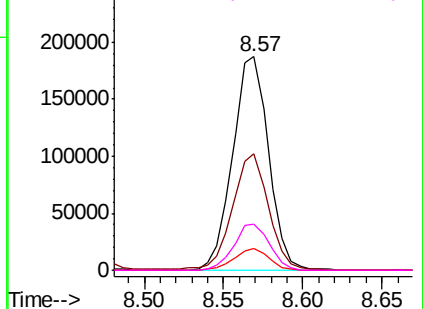


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 20.203 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM021254.D

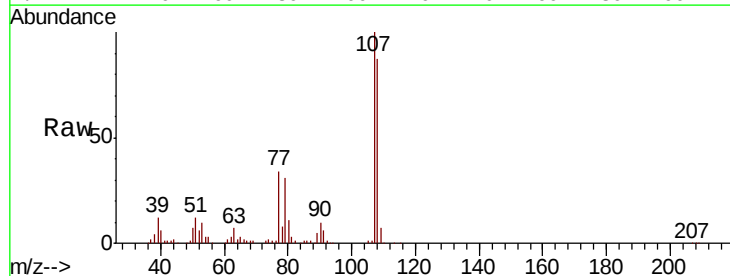
Acq: 29 Jun 2019 09:52

Tgt Ion: 108 Resp: 367865

Ion Ratio Lower Upper

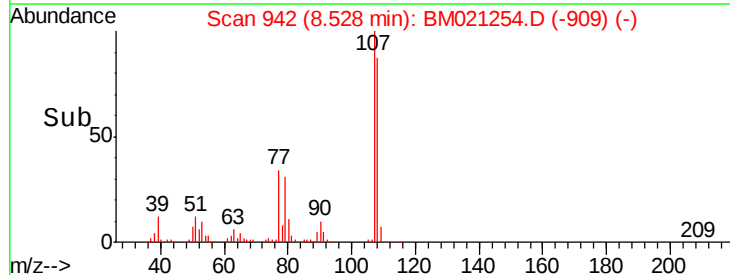
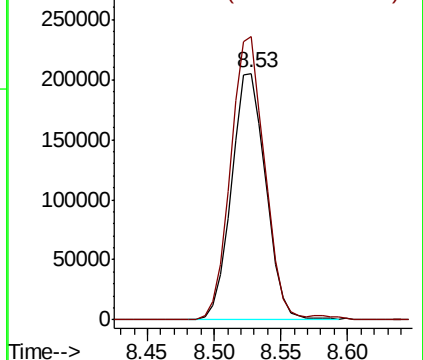
108 100

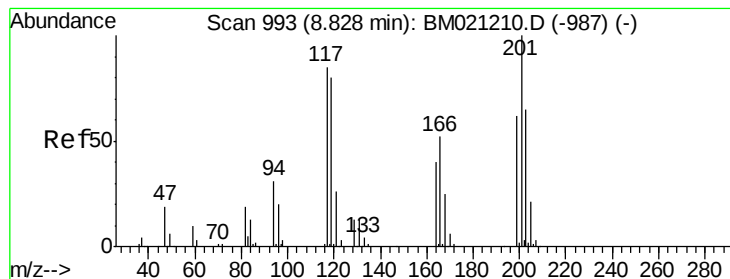
107 114.7 93.0 139.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.960 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

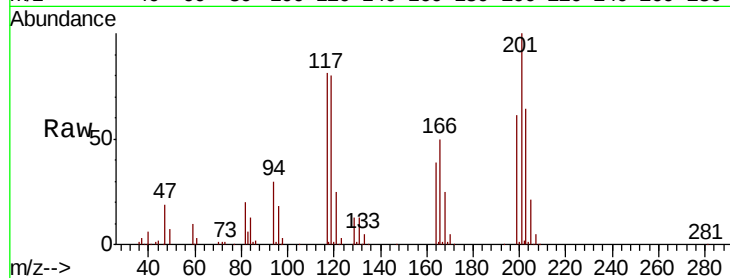
Tgt Ion: 117 Resp: 145649

Ion Ratio Lower Upper

117 100

201 124.2 93.9 140.9

199 76.3 57.8 86.8

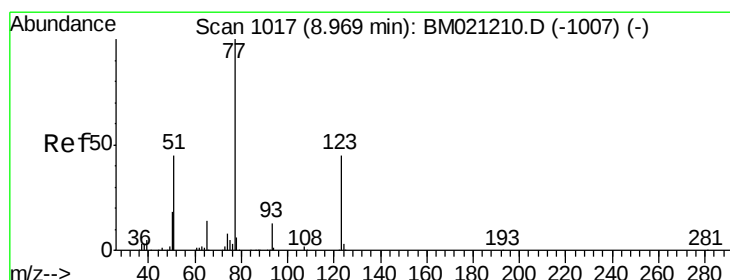
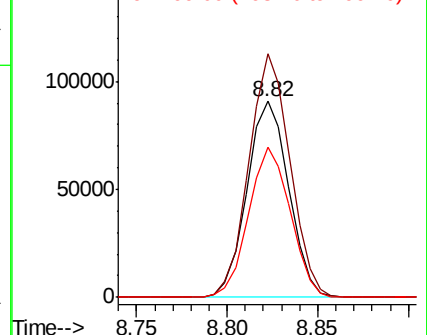
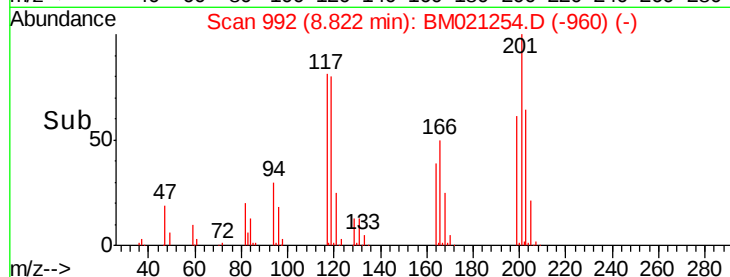


Abundance

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: 20.342 ng/ul

RT: 8.96 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

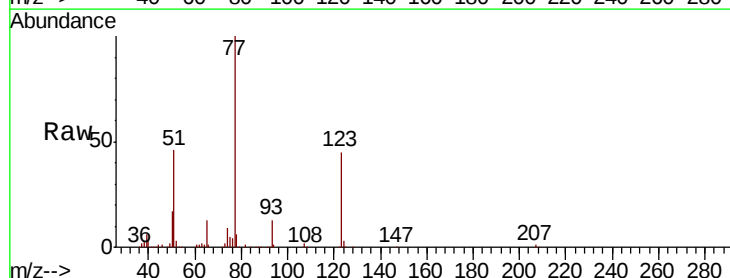
Tgt Ion: 77 Resp: 429539

Ion Ratio Lower Upper

77 100

123 44.6 36.7 55.1

65 13.1 10.6 16.0

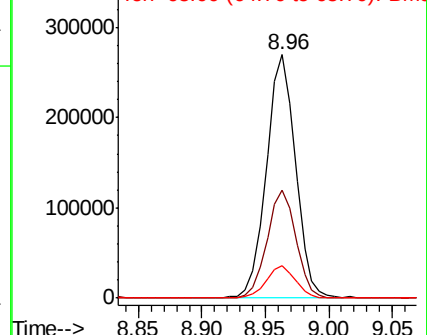
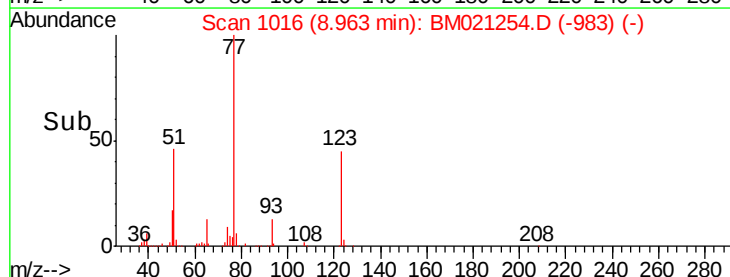


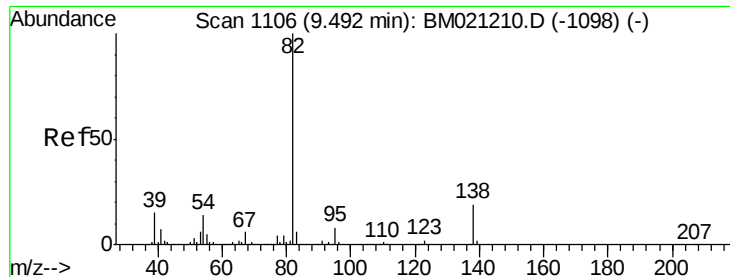
Abundance

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: 20.504 ng/ul

RT: 9.49 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

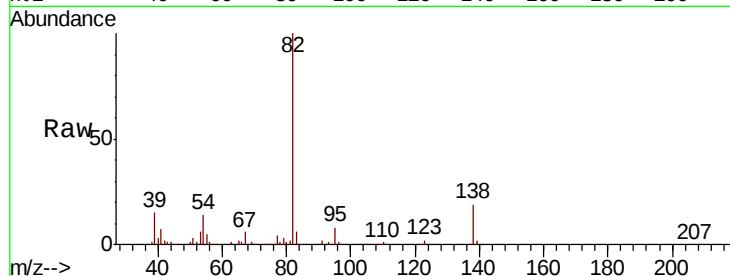
Tgt Ion: 82 Resp: 815340

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

138 18.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BM021210.D (-1098) (-)

Ion 95.00 (94.70 to 95.70): BM021210.D (-1098) (-)

Ion 138.00 (137.70 to 138.70): BM021210.D (-1098) (-)

9.49

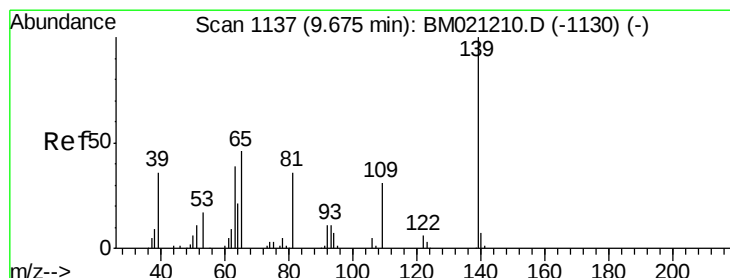
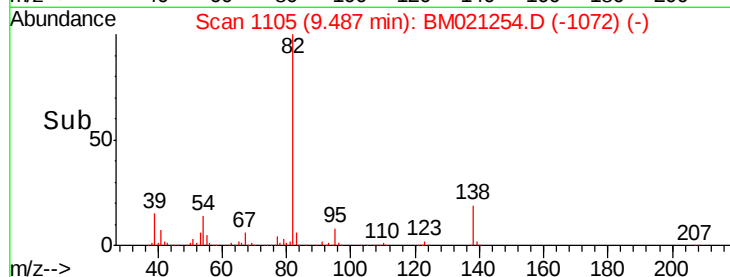
400000

200000

0

9.40 9.45 9.50 9.55

Time-->



#23

2-Nitrophenol

Concen: 20.736 ng/ul

RT: 9.67 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

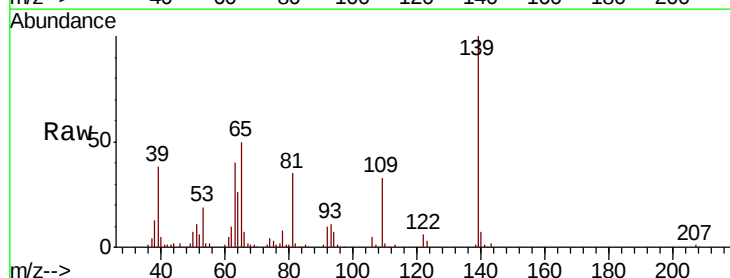
Tgt Ion: 139 Resp: 217546

Ion Ratio Lower Upper

139 100

65 49.9 38.9 58.3

109 32.7 24.6 36.8



Abundance Ion 139.00 (138.70 to 139.70): BM021210.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM021210.D (-1130) (-)

Ion 109.00 (108.70 to 109.70): BM021210.D (-1130) (-)

9.67

150000

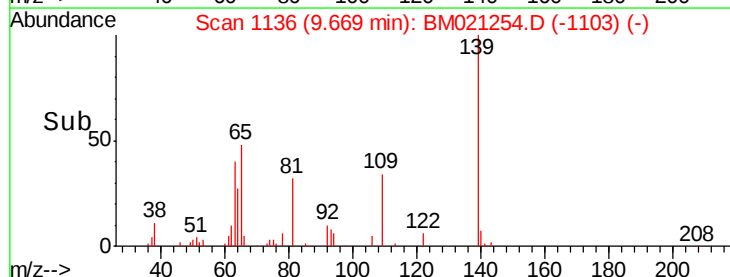
100000

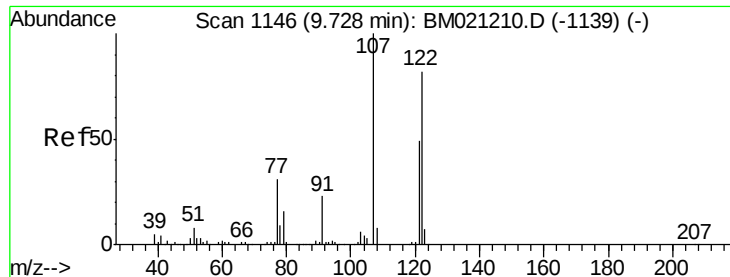
50000

0

9.60 9.65 9.70 9.75

Time-->

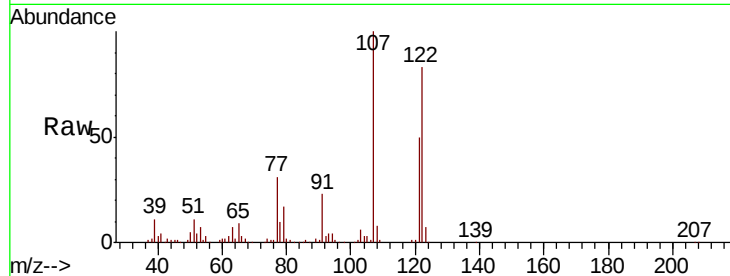




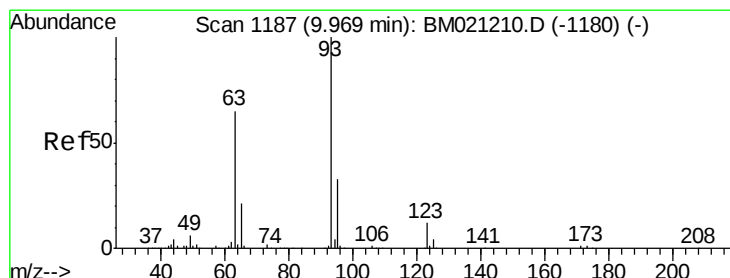
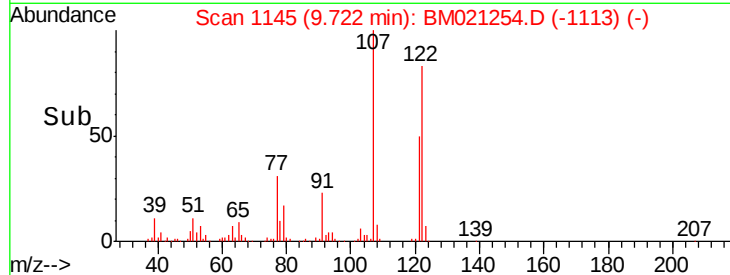
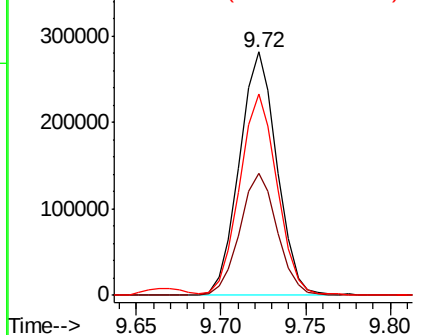
#24  
 2,4-Dimethylphenol  
 Concen: 20.367 ng/ul  
 RT: 9.72 min Scan# 1145  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02052

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.9  | 39.9  | 59.9  |
| 122     | 83.0  | 66.8  | 100.2 |

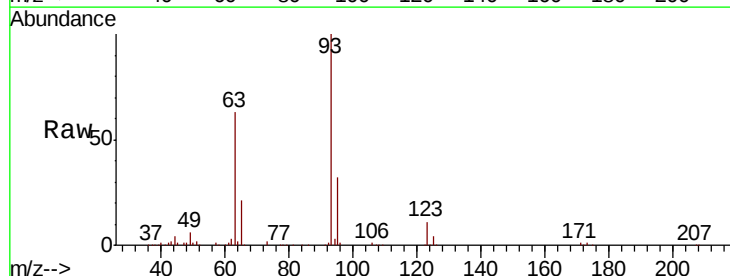


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

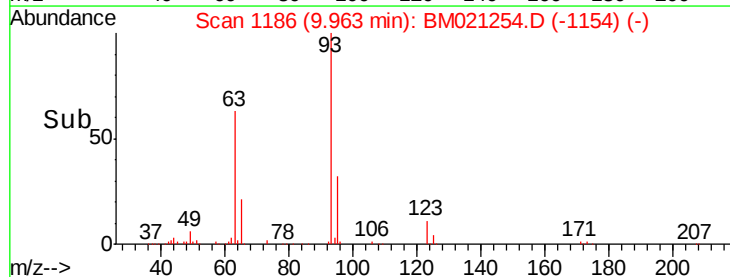
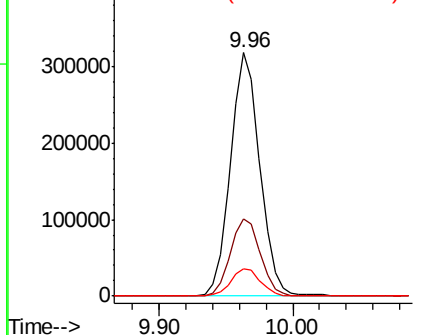


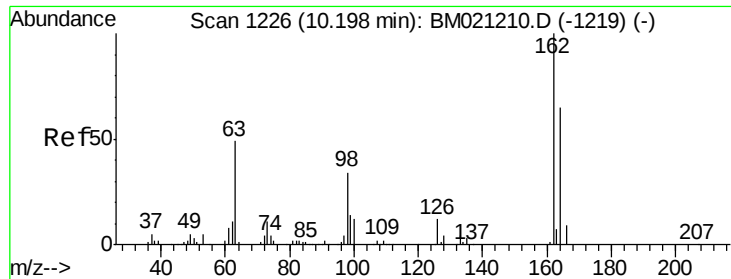
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.967 ng/ul  
 RT: 9.96 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 26.0  | 39.0  |
| 123     | 11.0  | 9.0   | 13.6  |



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

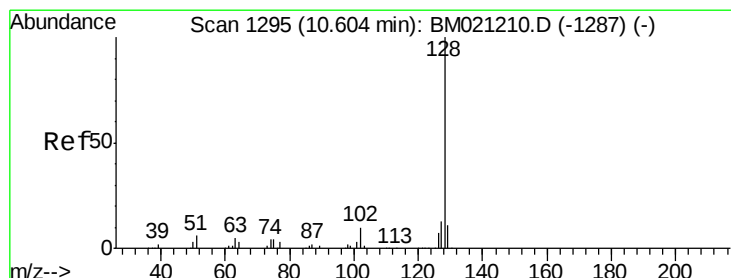
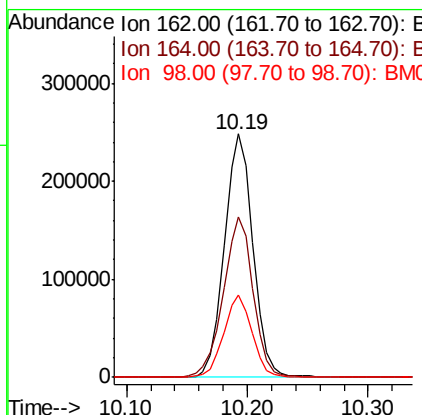
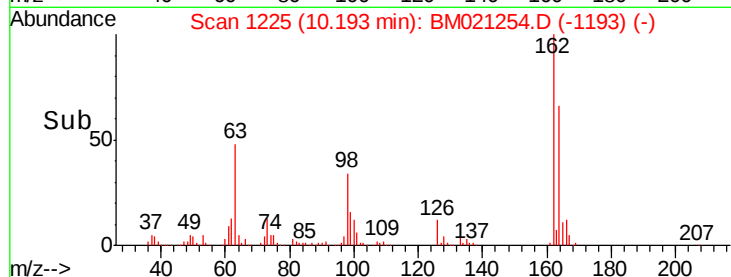
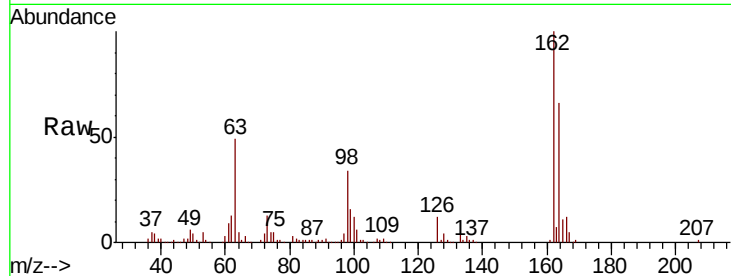




#27  
2,4-Dichlorophenol  
Concen: 21.005 ng/ul  
RT: 10.19 min Scan# 1225  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

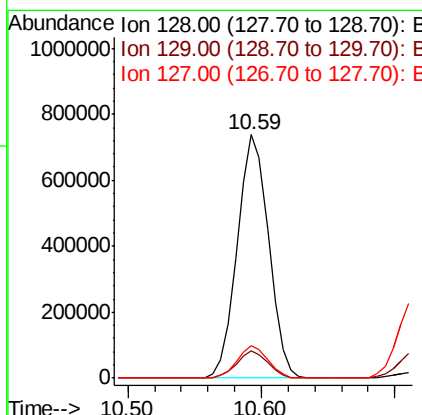
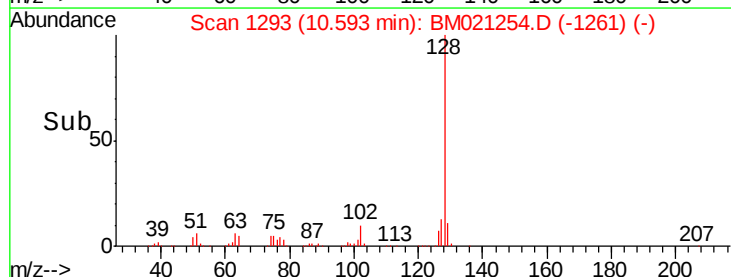
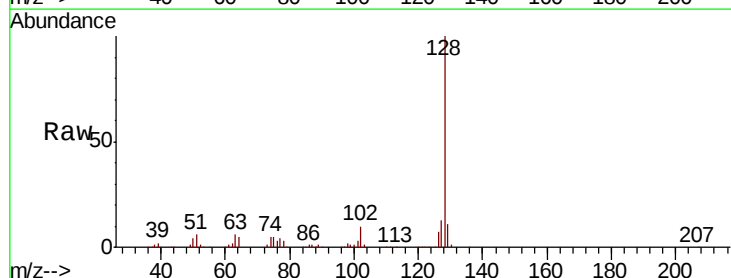
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

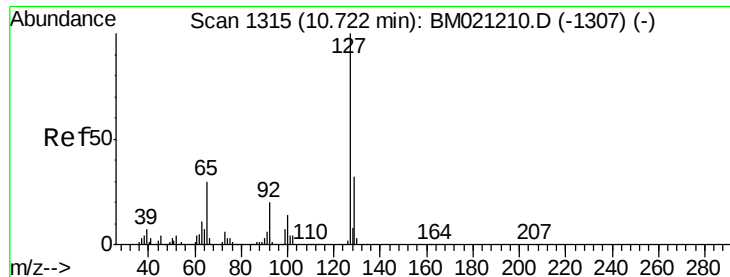
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 53.5  | 80.3  |
| 98      | 33.9  | 28.2  | 42.4  |



#28  
Naphthalene  
Concen: 20.248 ng/ul  
RT: 10.59 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 13.1  | 10.6  | 15.8  |

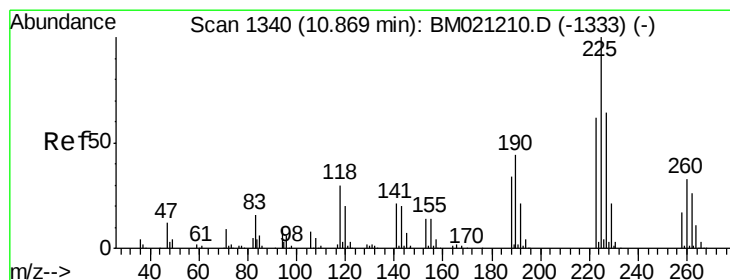
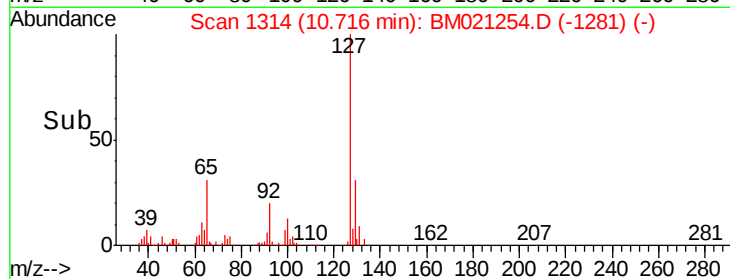
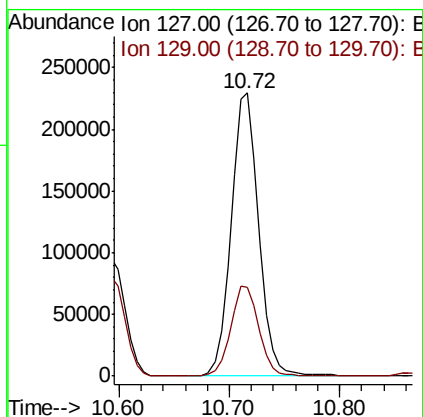
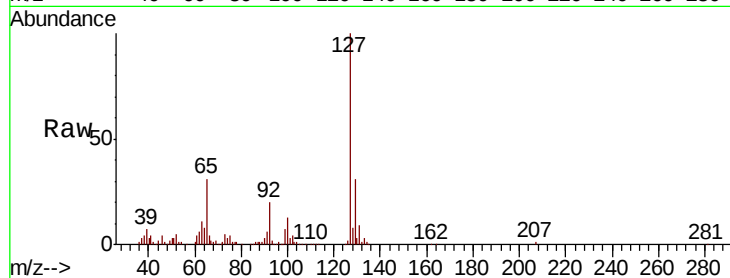




#30  
4-Chloroaniline  
Concen: 19.284 ng/ul  
RT: 10.72 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

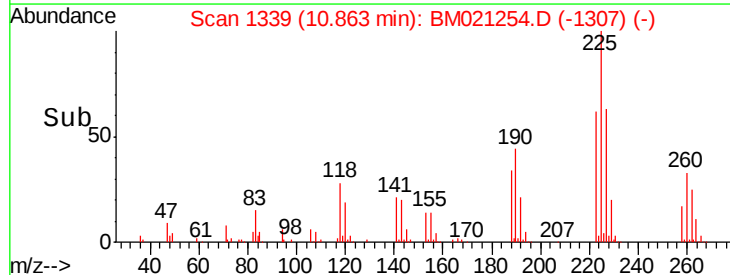
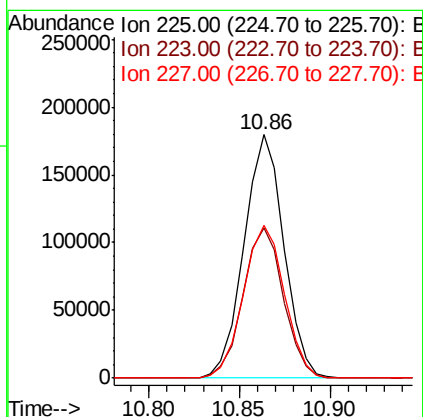
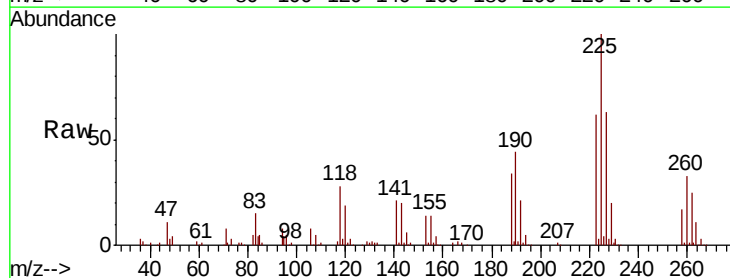
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

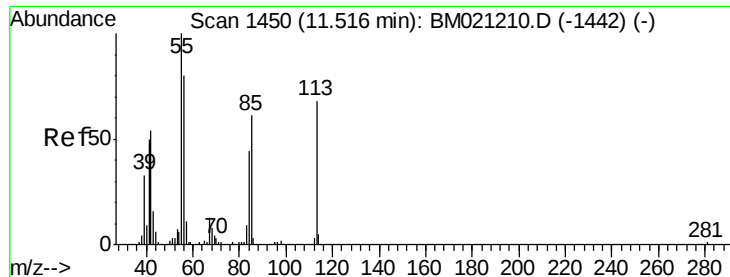
Tgt Ion:127 Resp: 401337  
Ion Ratio Lower Upper  
127 100  
129 31.3 26.2 39.2



#31  
Hexachlorobutadiene  
Concen: 20.892 ng/ul  
RT: 10.86 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion:225 Resp: 274923  
Ion Ratio Lower Upper  
225 100  
223 61.9 50.8 76.2  
227 62.5 52.4 78.6





#32

Caprolactam

Concen: 14.122 ng/ul

RT: 11.51 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

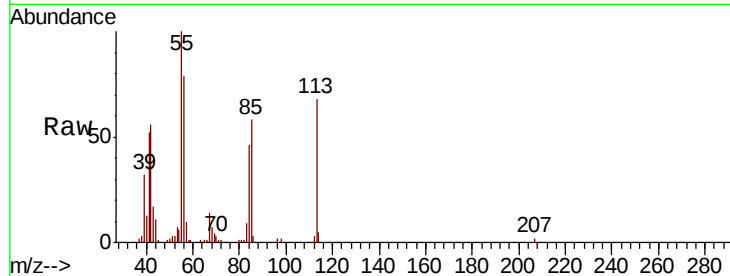
Tgt Ion:113 Resp: 76676

Ion Ratio Lower Upper

113 100

55 147.7 115.8 173.6

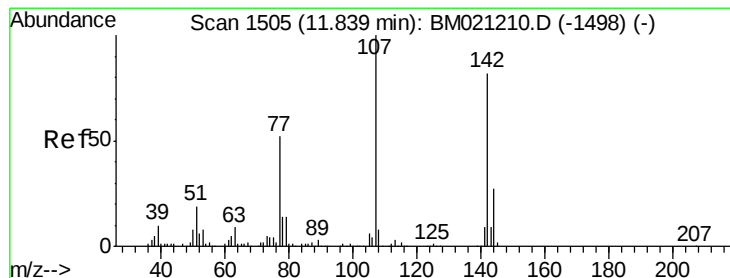
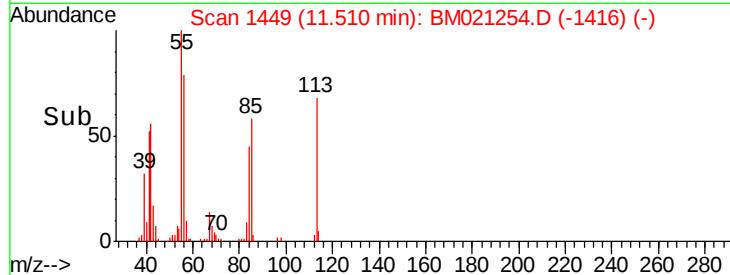
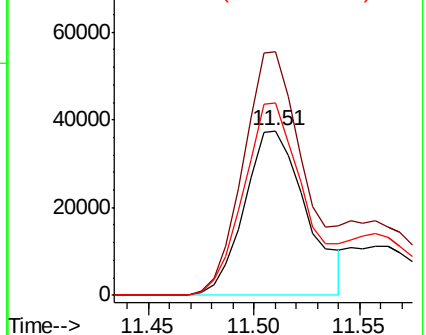
56 116.6 91.0 136.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 20.757 ng/ul

RT: 11.83 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

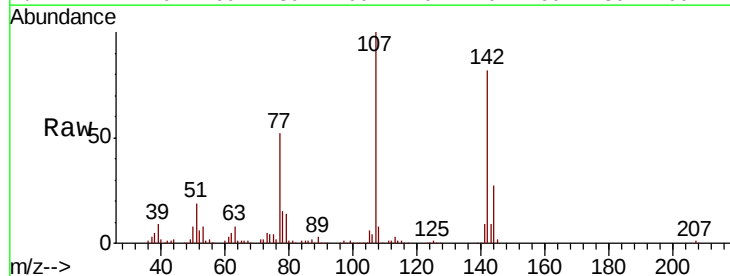
Tgt Ion:107 Resp: 408713

Ion Ratio Lower Upper

107 100

144 26.9 21.0 31.4

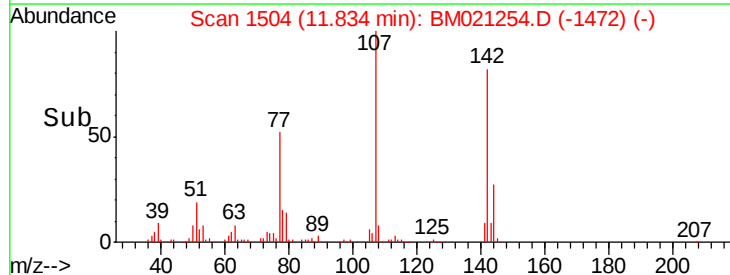
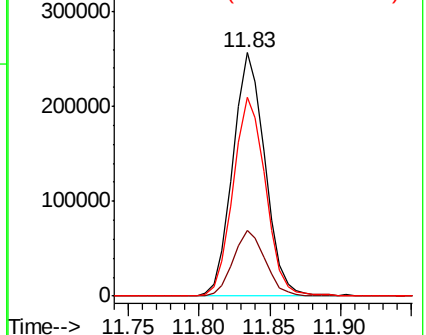
142 81.5 64.3 96.5

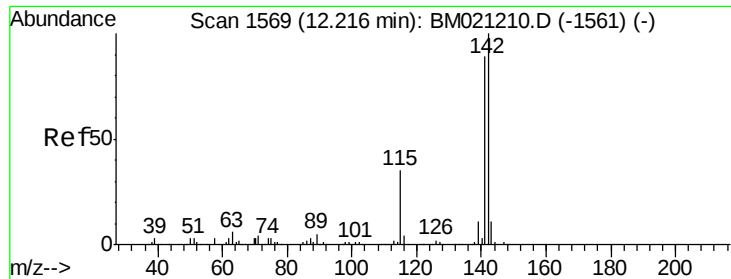


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

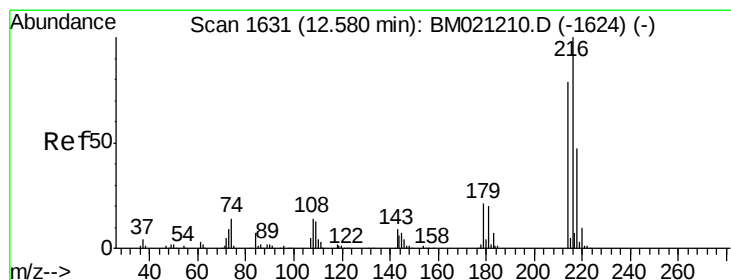
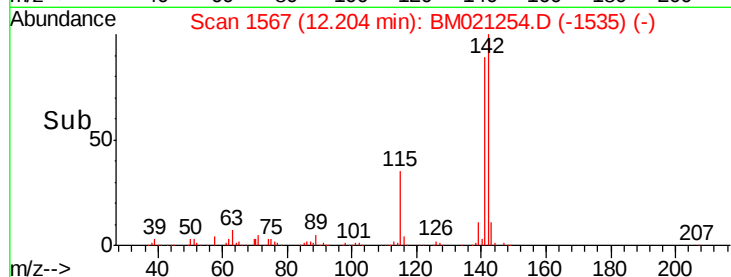
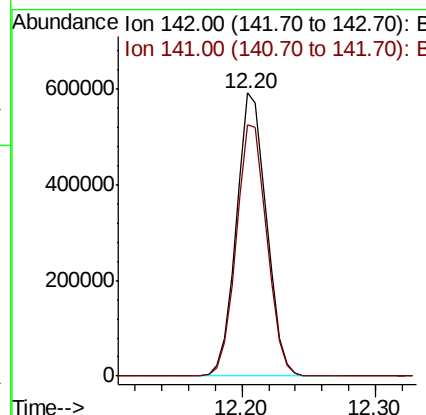
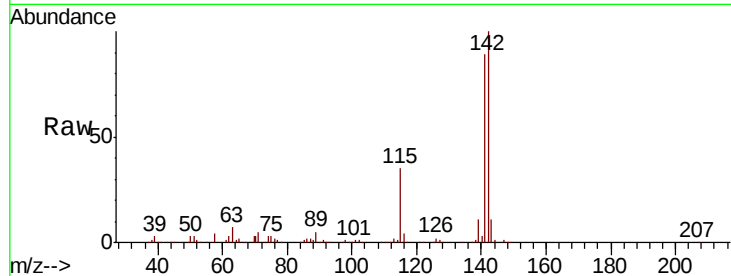




#34  
 2-Methylnaphthalene  
 Concen: 20.437 ng/ul  
 RT: 12.20 min Scan# 1567  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

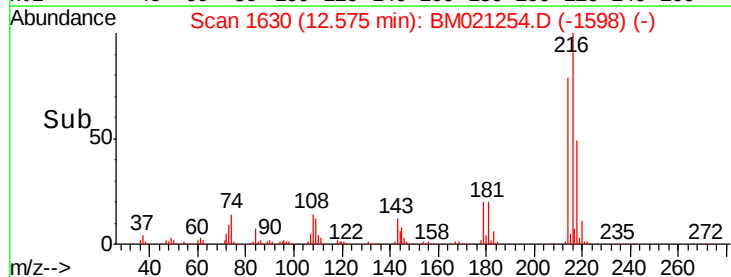
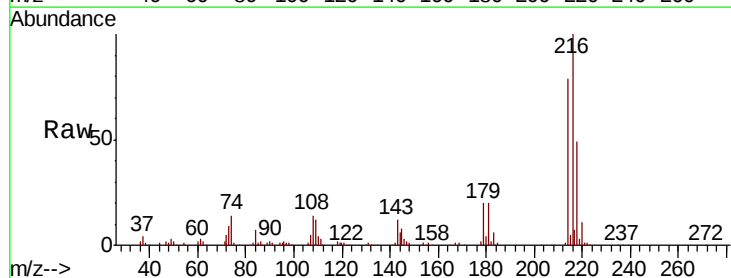
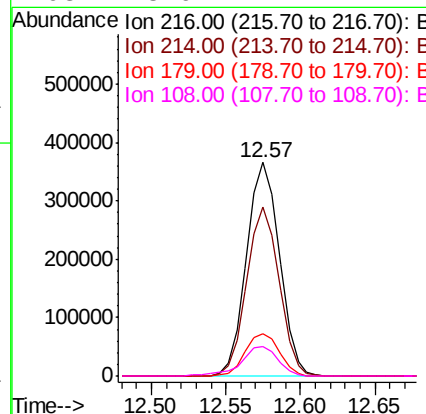
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02052

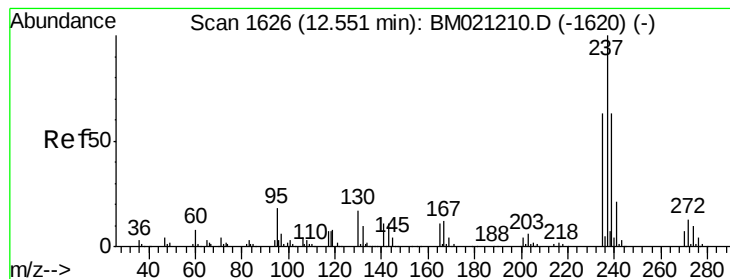
Tgt Ion:142 Resp: 931272  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 70.9 106.3



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.846 ng/ul  
 RT: 12.57 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

Tgt Ion:216 Resp: 559907  
 Ion Ratio Lower Upper  
 216 100  
 214 79.3 63.4 95.2  
 179 20.1 16.8 25.2  
 108 13.9 11.4 17.2





#37

Hexachlorocyclopentadiene

Concen: 17.633 ng/ul

RT: 12.55 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

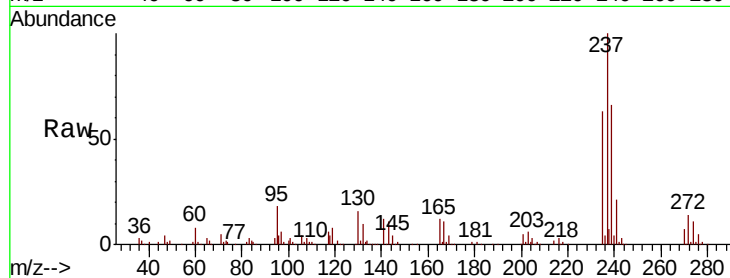
Tgt Ion:237 Resp: 281750

Ion Ratio Lower Upper

237 100

235 62.6 51.3 76.9

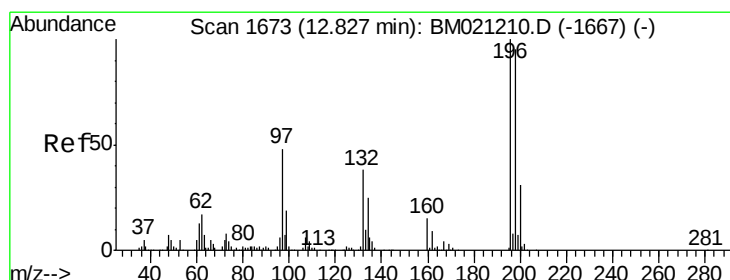
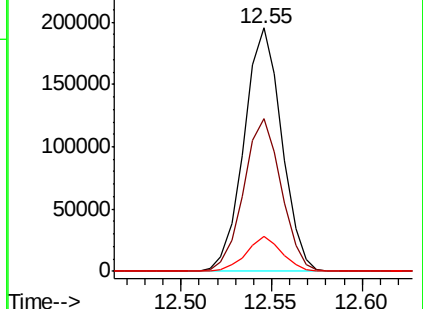
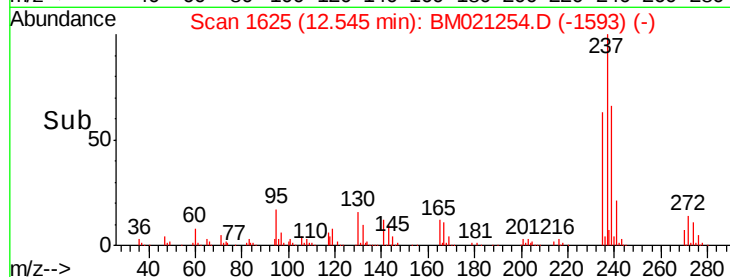
272 14.2 11.4 17.0



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.096 ng/ul

RT: 12.82 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

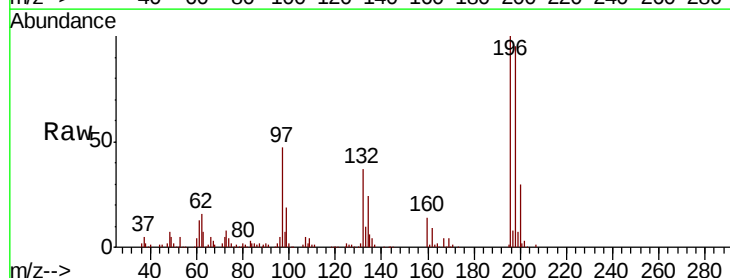
Tgt Ion:196 Resp: 352116

Ion Ratio Lower Upper

196 100

198 94.9 75.4 113.2

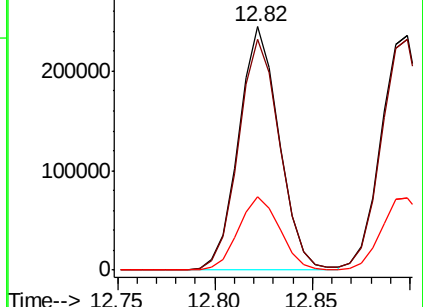
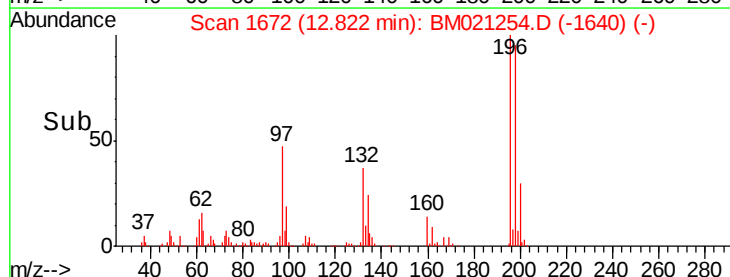
200 30.2 24.8 37.2

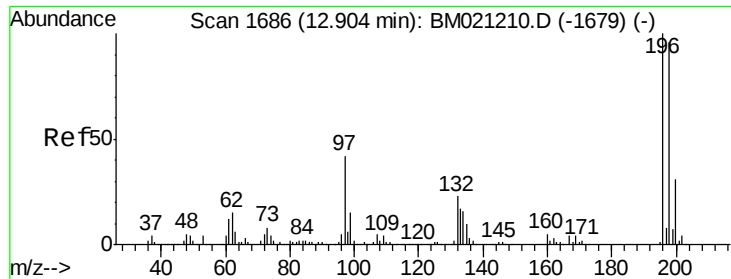


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

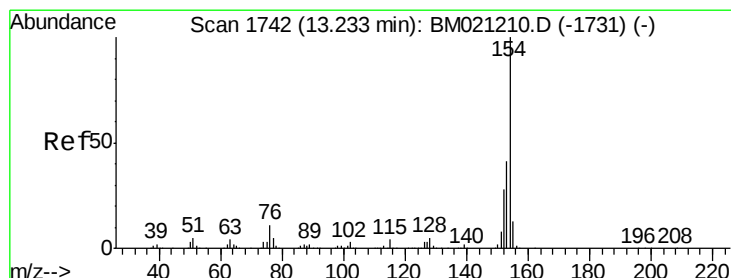
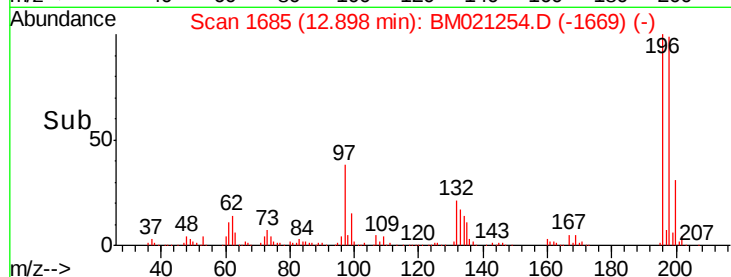
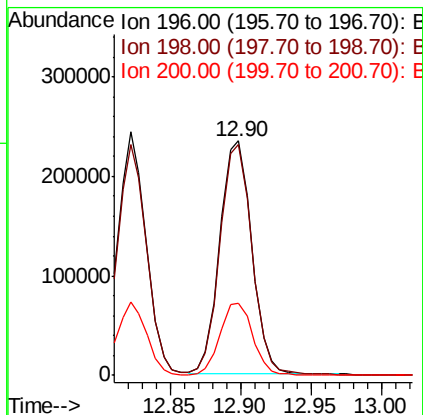
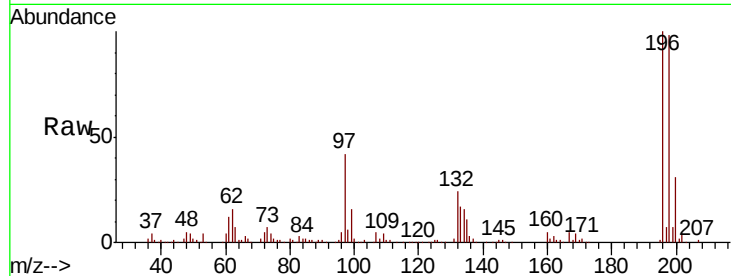




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.836 ng/ul  
 RT: 12.90 min Scan# 1685  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

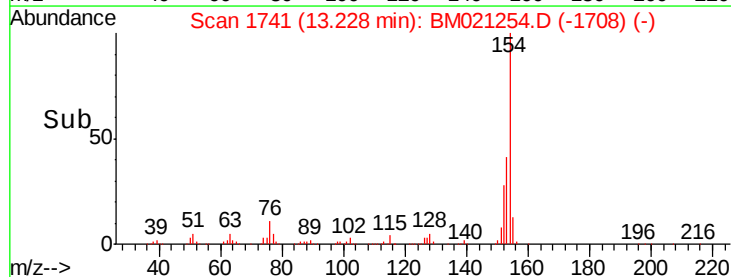
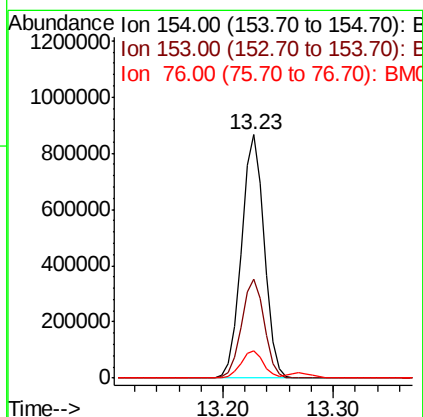
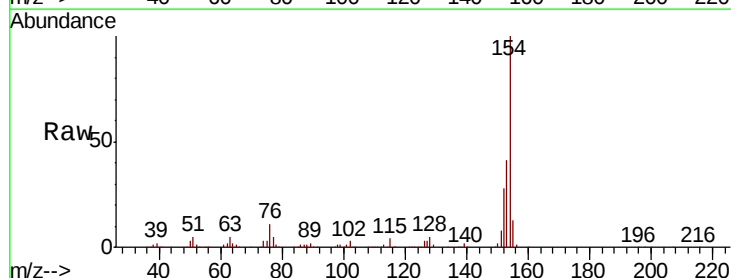
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02052

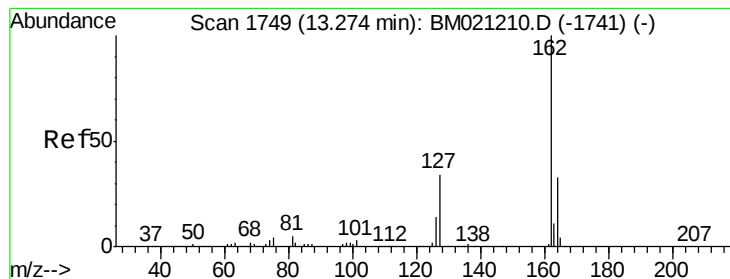
Tgt Ion:196 Resp: 371486  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 77.0 115.6  
 200 30.9 24.7 37.1



#40  
 1,1'-Biphenyl  
 Concen: 20.182 ng/ul  
 RT: 13.23 min Scan# 1741  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

Tgt Ion:154 Resp: 1252605  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 32.0 48.0  
 76 11.2 8.8 13.2





#41

2-Chloronaphthalene

Concen: 20.228 ng/ul

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

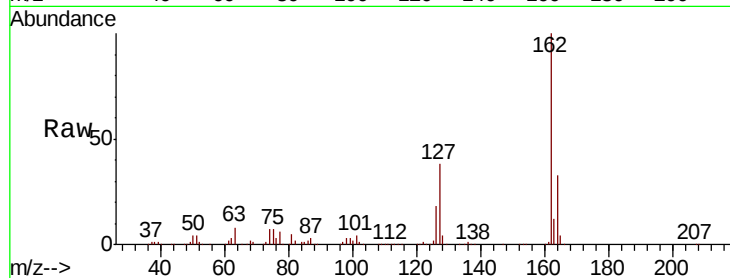
Tgt Ion: 162 Resp: 991869

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.2

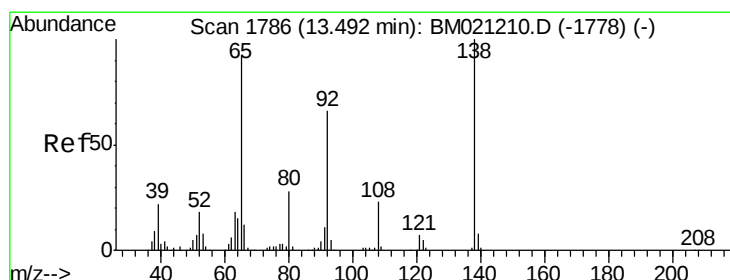
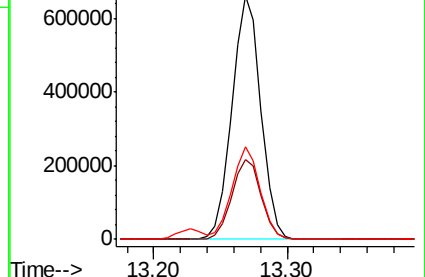
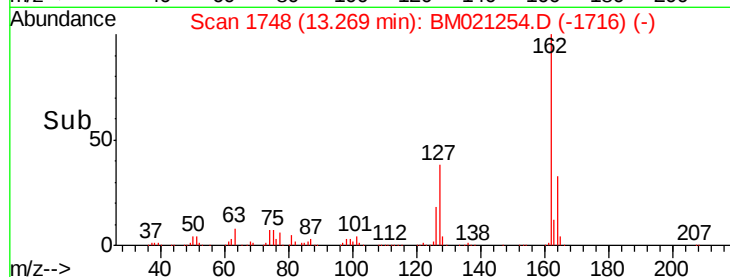
127 37.8 29.2 43.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 20.722 ng/ul

RT: 13.49 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

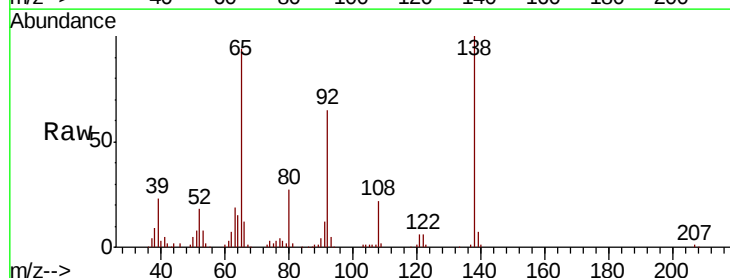
Tgt Ion: 65 Resp: 246943

Ion Ratio Lower Upper

65 100

92 69.6 57.8 86.8

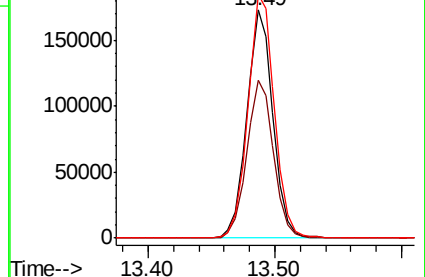
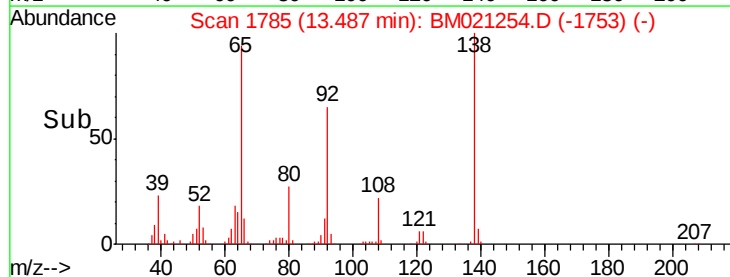
138 106.9 89.1 133.7

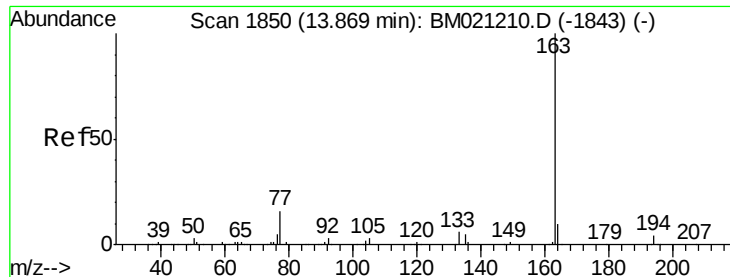


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.423 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

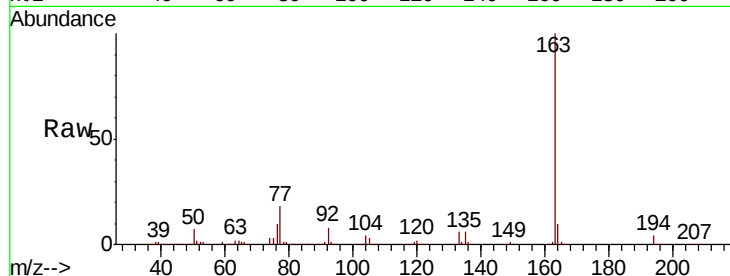
Tgt Ion:163 Resp: 1263838

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

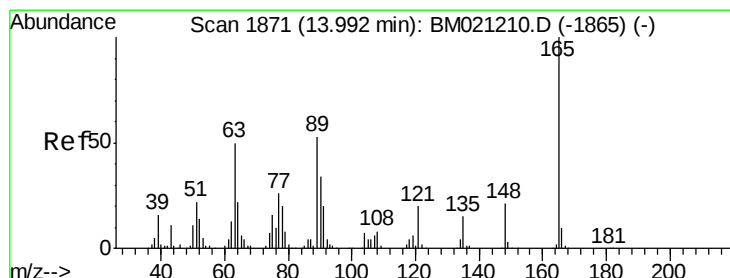
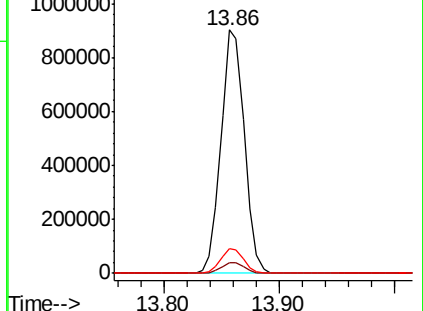
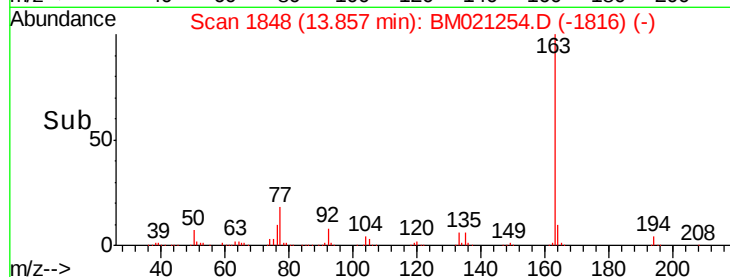
164 10.1 7.7 11.5



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: 21.240 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

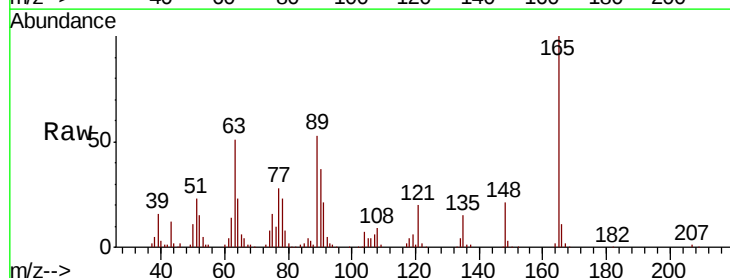
Tgt Ion:165 Resp: 250869

Ion Ratio Lower Upper

165 100

89 53.2 43.6 65.4

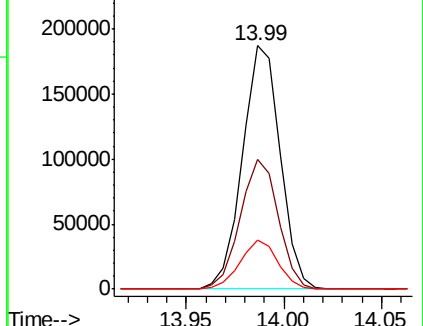
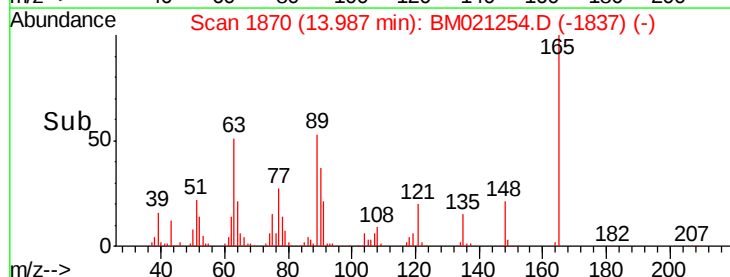
121 20.3 16.5 24.7

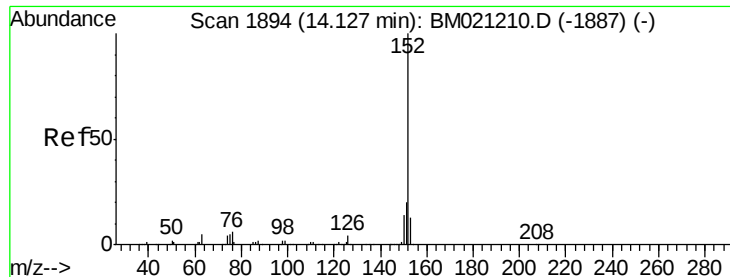


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.629 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

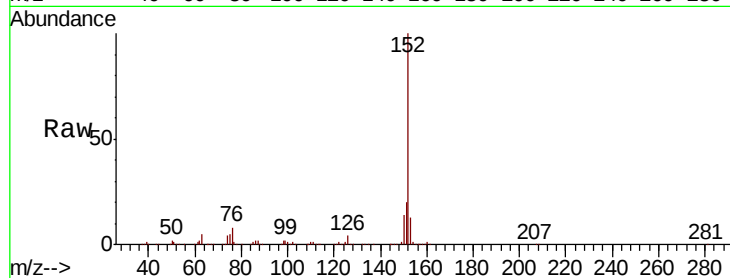
Tgt Ion:152 Resp: 1469776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 15.3  | 22.9  |
| 153 | 13.2  | 10.5  | 15.7  |

152 100

151 20.1 15.3 22.9

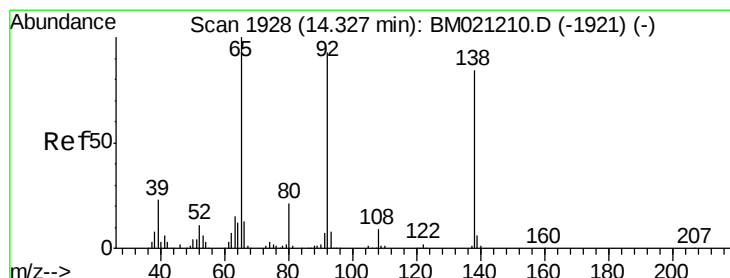
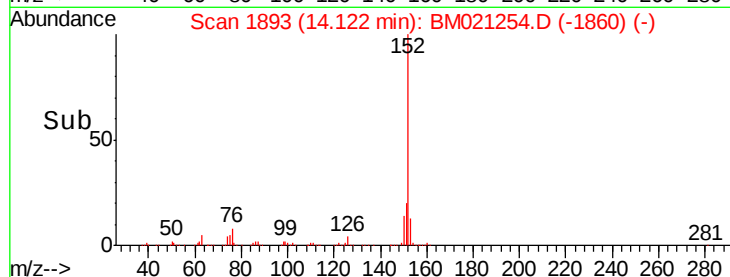
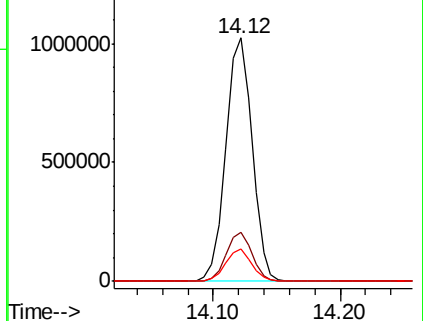
153 13.2 10.5 15.7



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



#48

3-Nitroaniline

Concen: 20.843 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

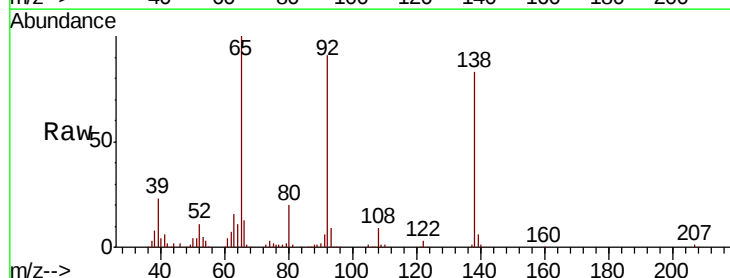
Tgt Ion:138 Resp: 215511

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 11.0  | 9.0   | 13.6  |
| 92  | 110.1 | 92.3  | 138.5 |

138 100

108 11.0 9.0 13.6

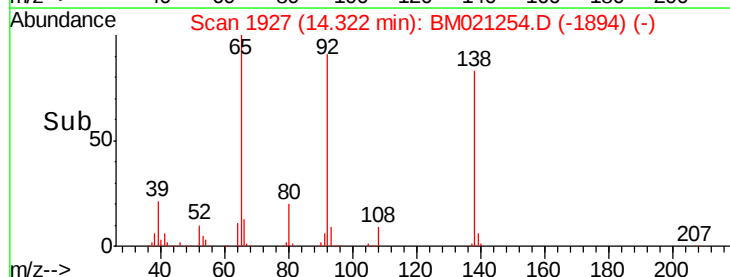
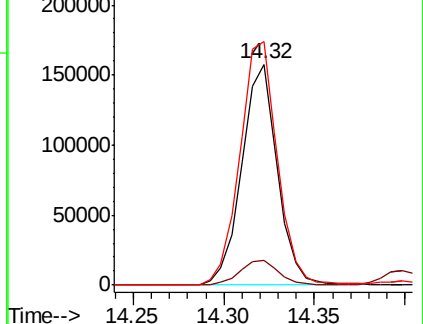
92 110.1 92.3 138.5

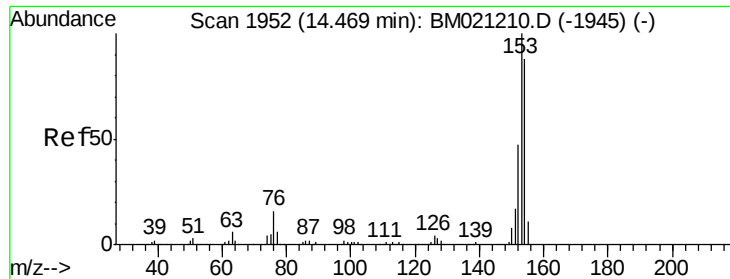


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.164 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

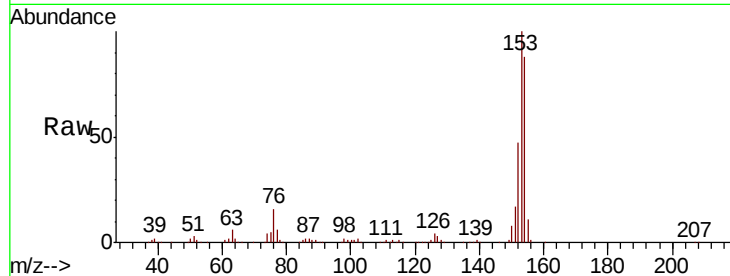
Tgt Ion:153 Resp: 1053239

Ion Ratio Lower Upper

153 100

152 47.0 37.3 55.9

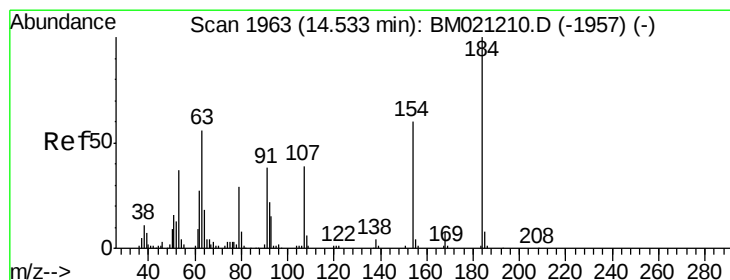
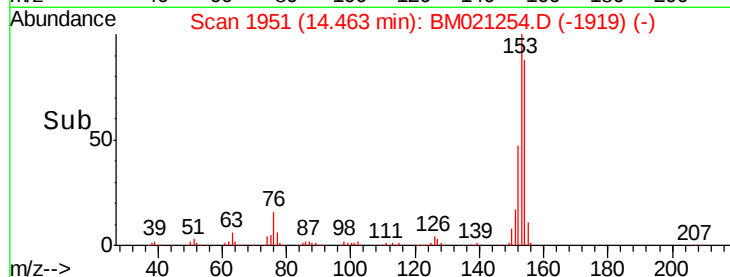
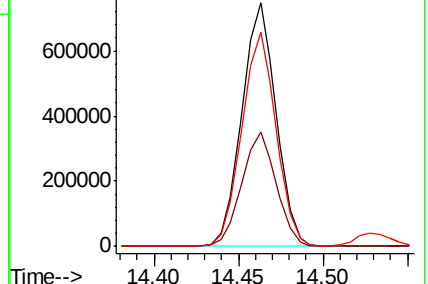
154 87.8 70.5 105.7



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: 16.526 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

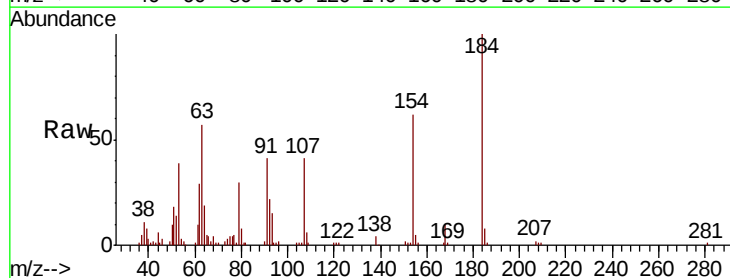
Tgt Ion:184 Resp: 98060

Ion Ratio Lower Upper

184 100

63 56.5 47.8 71.8

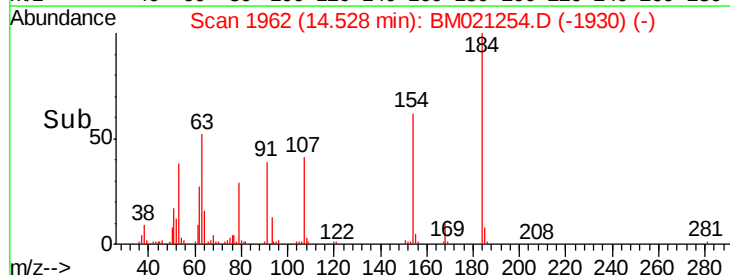
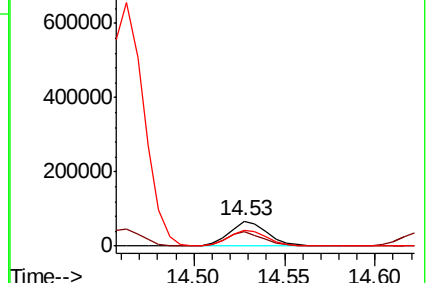
154 62.4 52.7 79.1

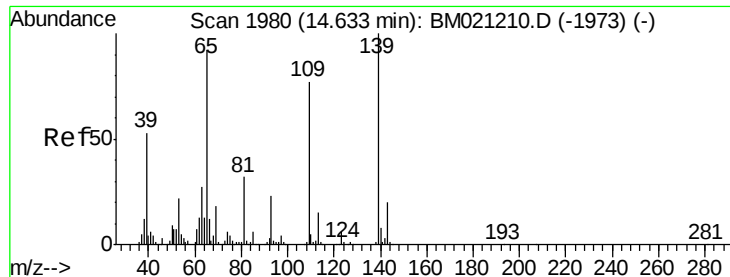


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.118 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

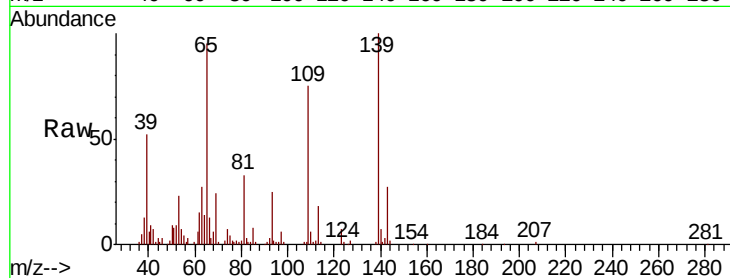
Tgt Ion:109 Resp: 148191

Ion Ratio Lower Upper

109 100

139 133.1 106.2 159.4

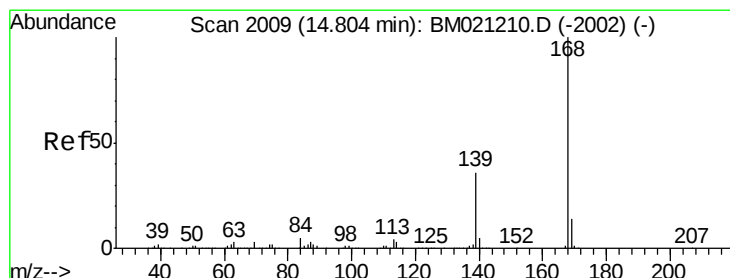
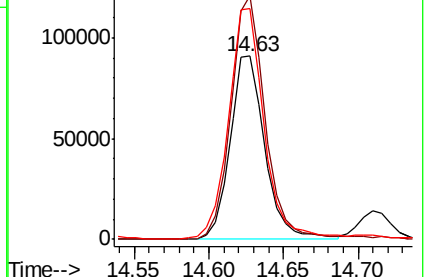
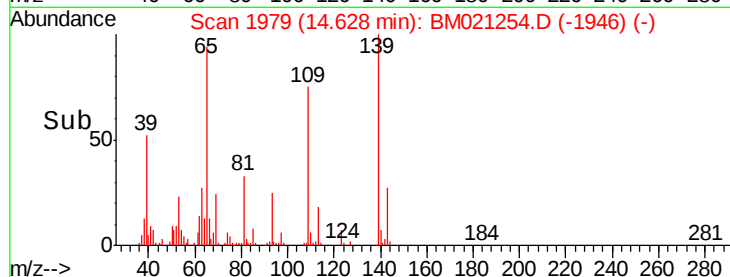
65 125.9 99.6 149.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.423 ng/ul

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM021254.D

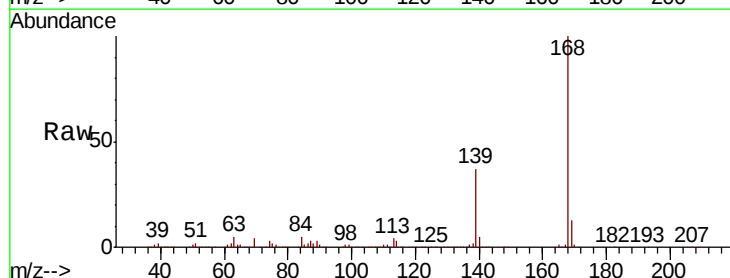
Acq: 29 Jun 2019 09:52

Tgt Ion:168 Resp: 1518936

Ion Ratio Lower Upper

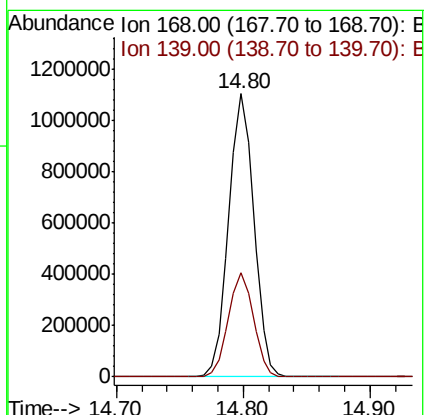
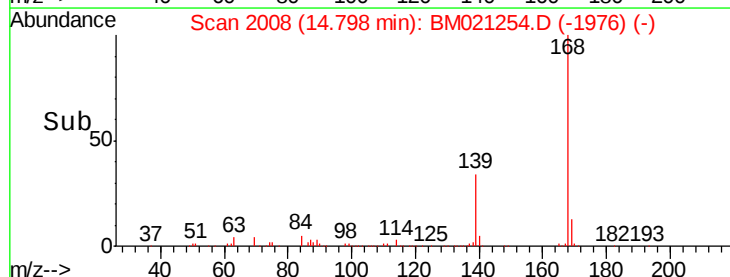
168 100

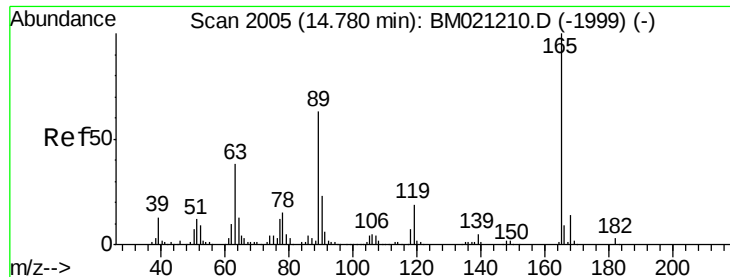
139 36.7 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.537 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

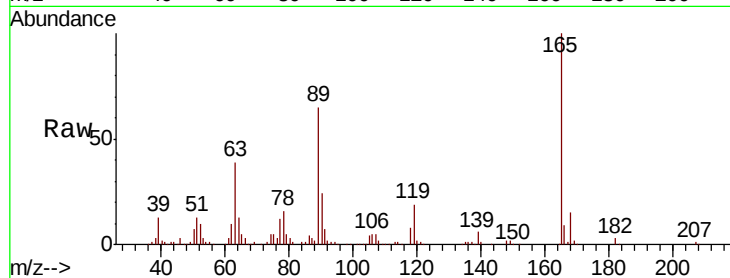
Tgt Ion:165 Resp: 369136

Ion Ratio Lower Upper

165 100

63 38.8 29.4 44.0

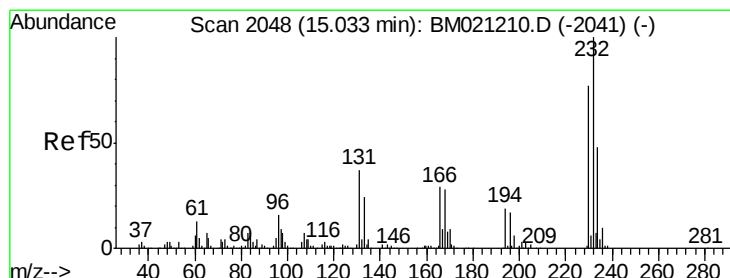
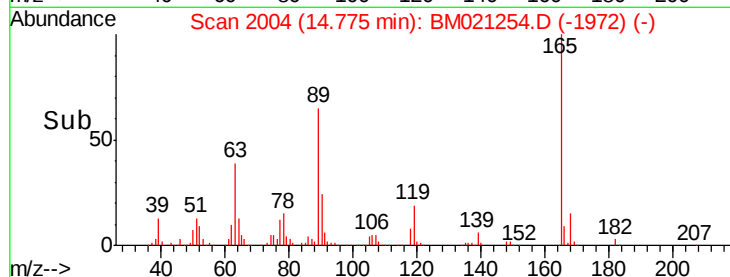
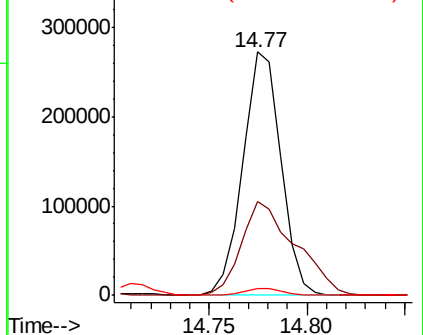
182 3.0 2.1 3.1



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: 21.689 ng/ul

RT: 15.03 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Tgt Ion:232 Resp: 337202

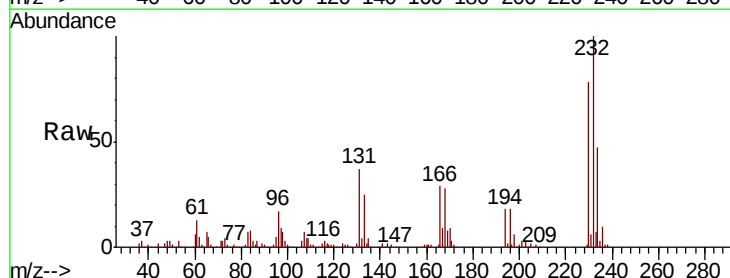
Ion Ratio Lower Upper

232 100

131 37.2 31.0 46.4

130 1.8 1.8 2.6

166 28.6 23.6 35.4

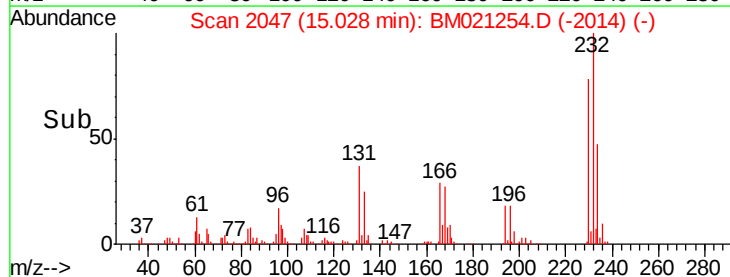
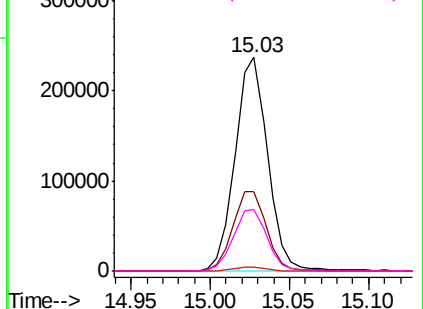


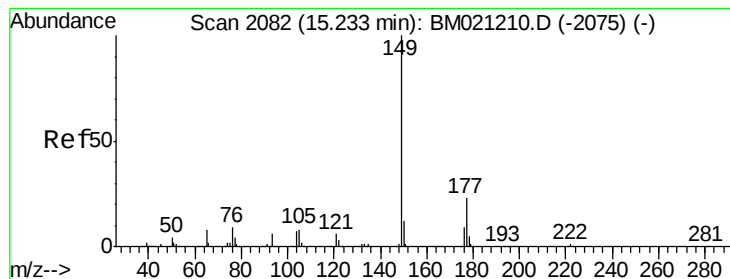
Abundance Ion 232.00 (231.70 to 232.70): E

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: 20.471 ng/ul

RT: 15.23 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

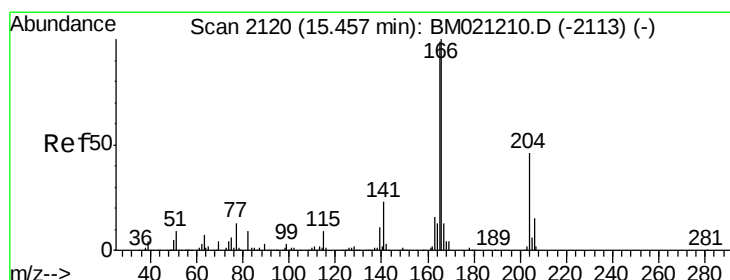
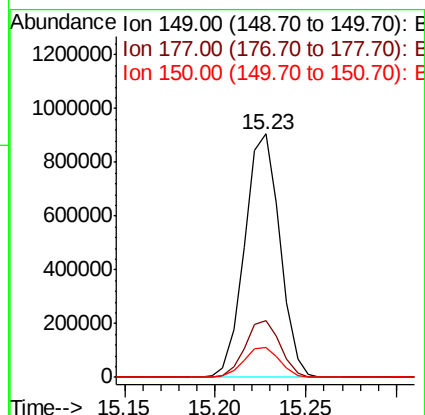
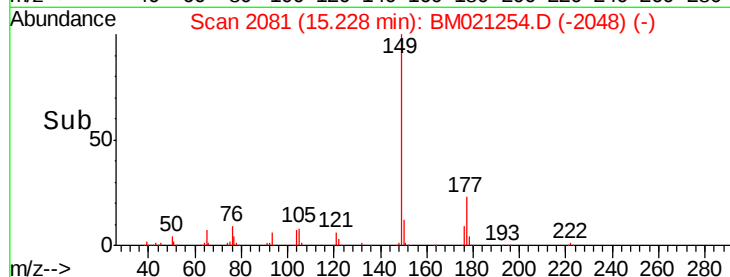
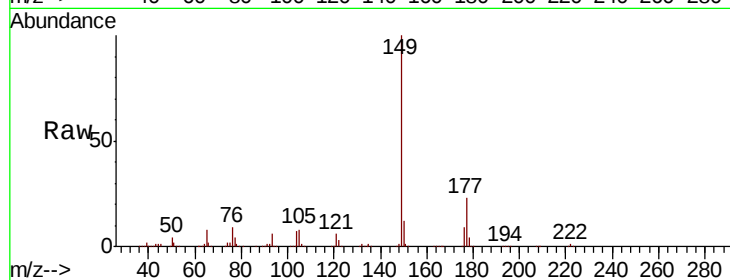
Tgt Ion:149 Resp: 1222250

Ion Ratio Lower Upper

149 100

177 23.3 18.2 27.4

150 12.1 9.9 14.9



#58

Fluorene

Concen: 20.545 ng/ul

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

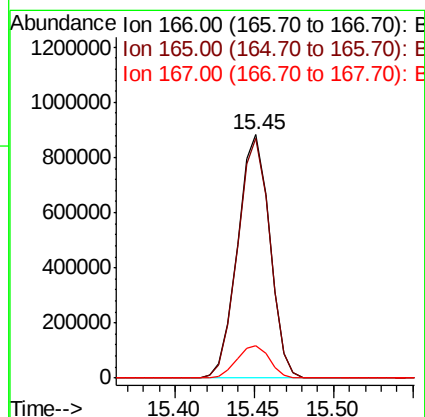
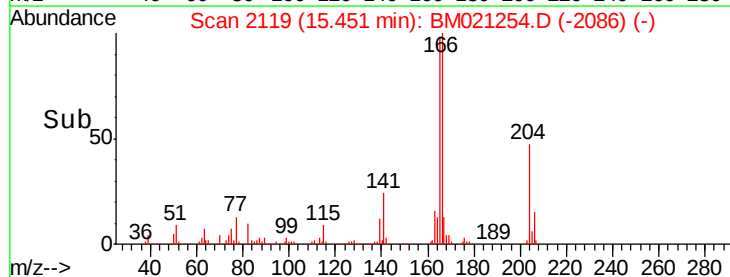
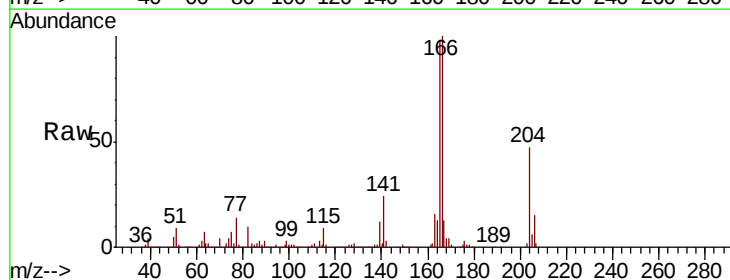
Tgt Ion:166 Resp: 1241457

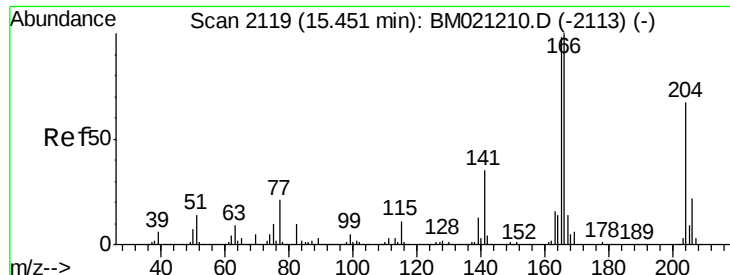
Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

167 13.3 10.6 16.0

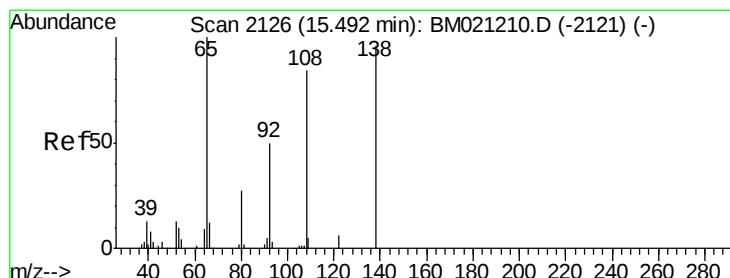
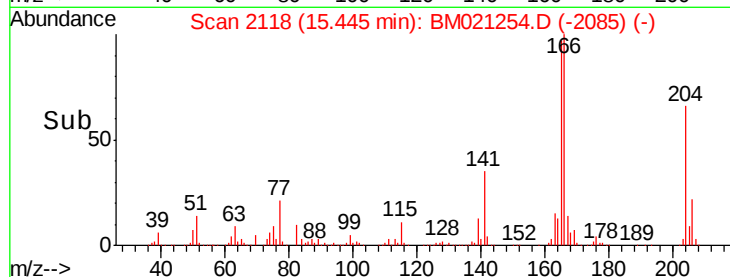
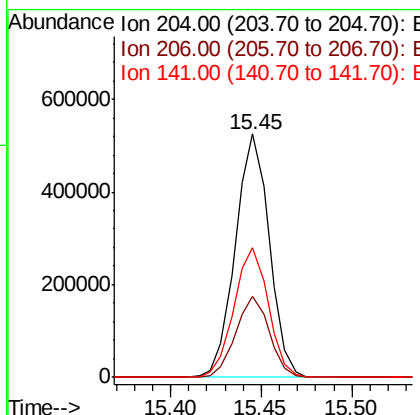
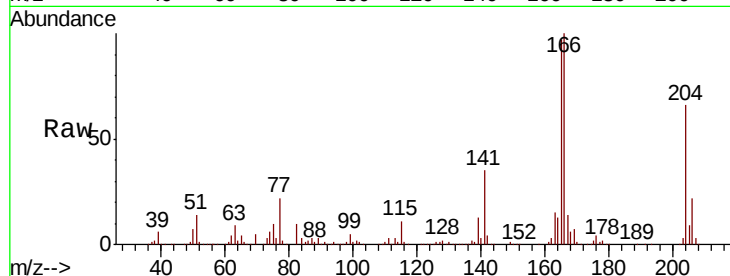




#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.745 ng/ul  
 RT: 15.45 min Scan# 2118  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

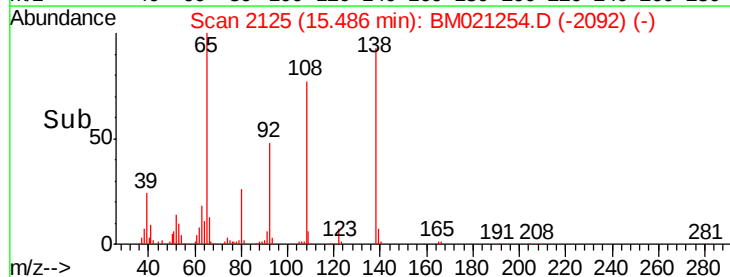
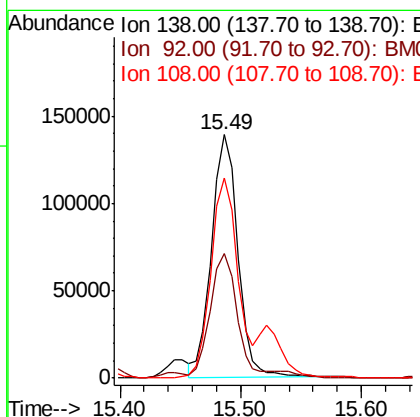
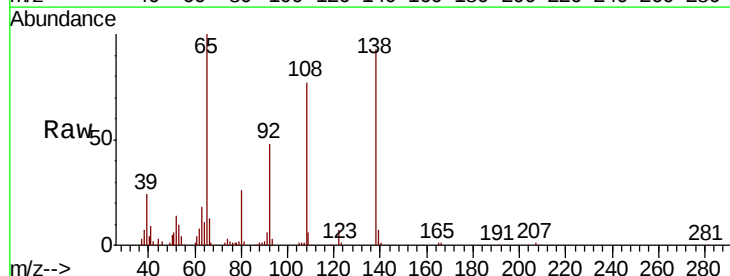
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02052

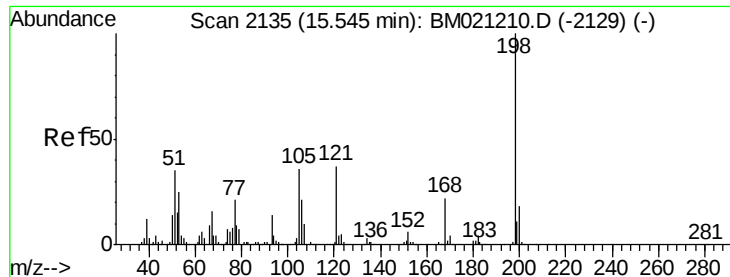
Tgt Ion: 204 Resp: 683469  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 25.9 38.9  
 141 53.2 42.6 64.0



#60  
 4-Nitroaniline  
 Concen: 18.993 ng/ul  
 RT: 15.49 min Scan# 2125  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

Tgt Ion: 138 Resp: 208741  
 Ion Ratio Lower Upper  
 138 100  
 92 51.1 40.4 60.6  
 108 82.2 64.5 96.7

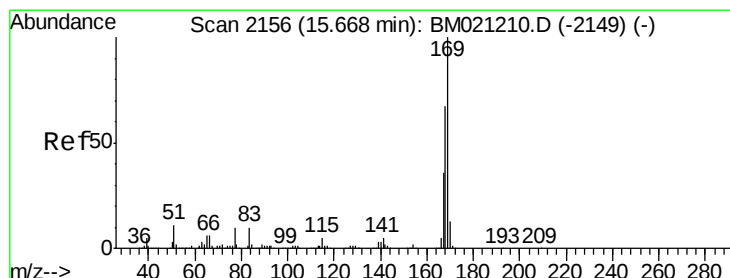
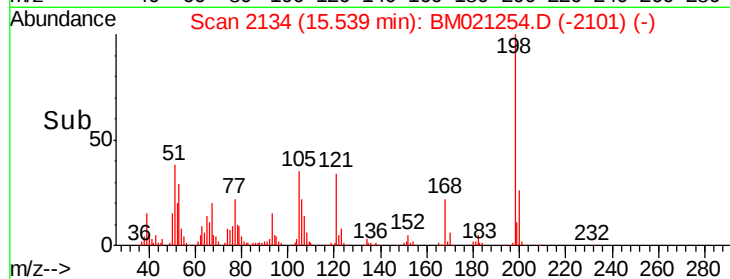
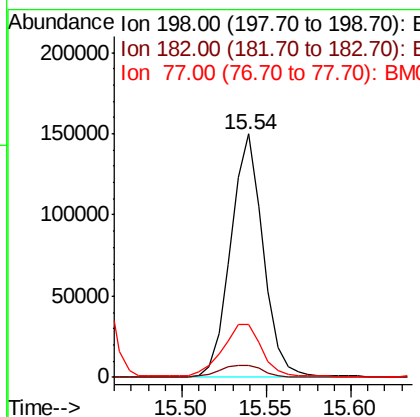
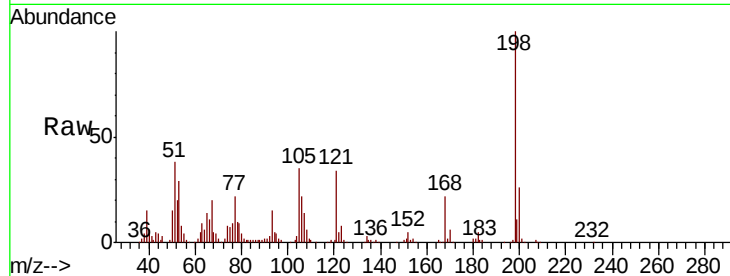




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 18.896 ng/ul  
 RT: 15.54 min Scan# 2134  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

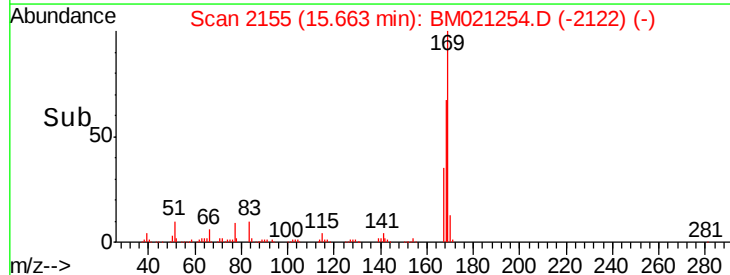
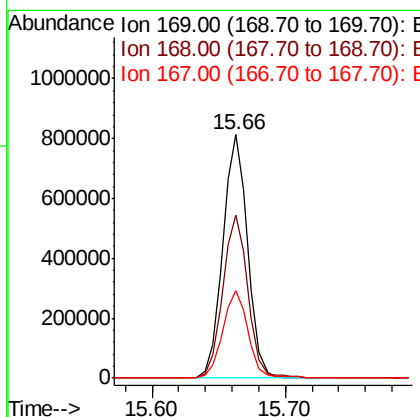
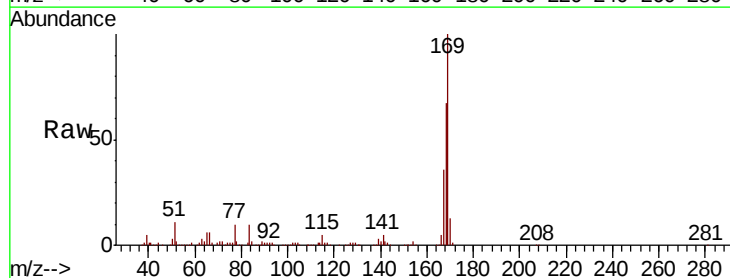
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02052

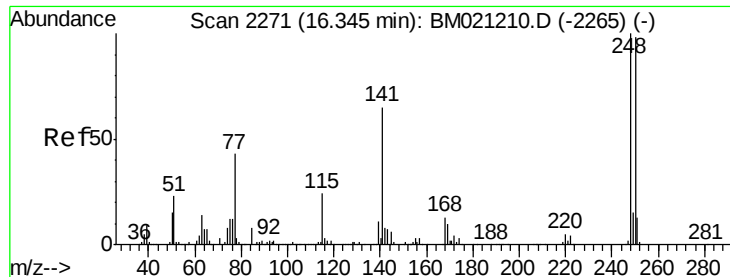
Tgt Ion:198 Resp: 200626  
 Ion Ratio Lower Upper  
 198 100  
 182 4.8 3.7 5.5  
 77 21.9 18.4 27.6



#64  
 N-Nitrosodiphenylamine  
 Concen: 20.419 ng/ul  
 RT: 15.66 min Scan# 2155  
 Delta R.T. -0.01 min  
 Lab File: BM021254.D  
 Acq: 29 Jun 2019 09:52

Tgt Ion:169 Resp: 1064015  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 53.6 80.4  
 167 35.9 29.0 43.6

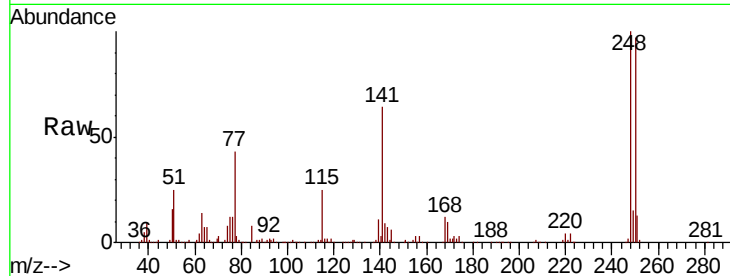




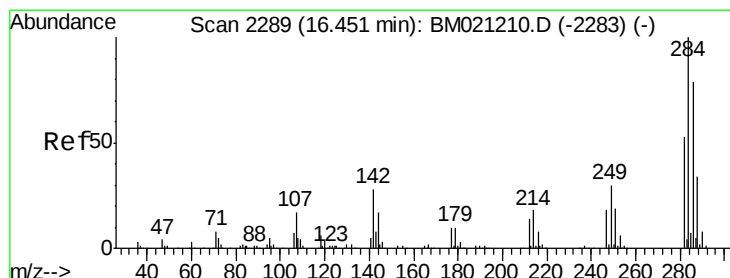
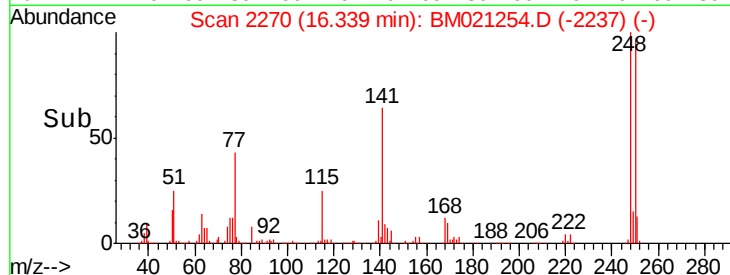
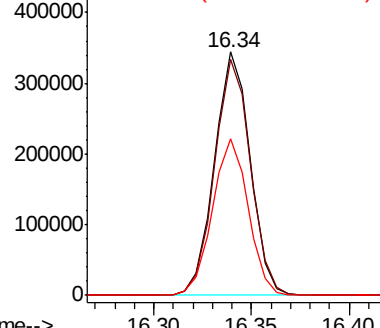
#65  
4-Bromophenyl-phenylether  
Concen: 20.734 ng/ul  
RT: 16.34 min Scan# 2270  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

Tgt Ion:248 Resp: 437479  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.2 115.8  
141 64.2 51.6 77.4

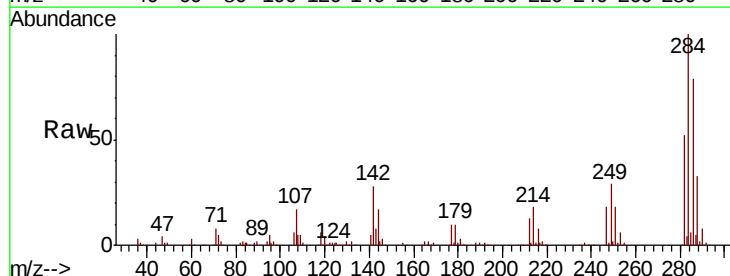


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

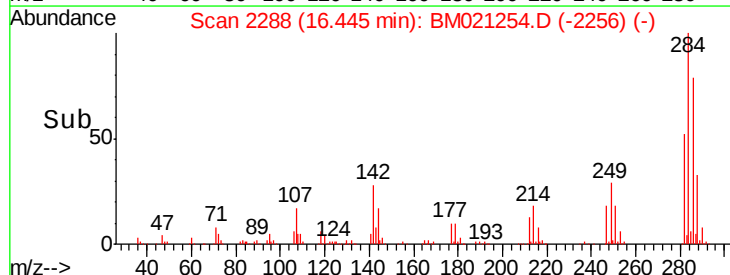
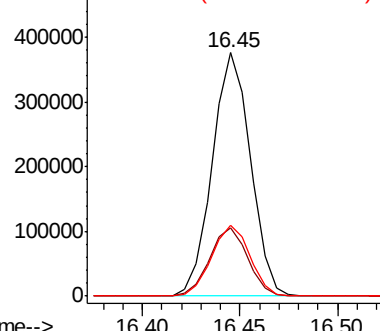


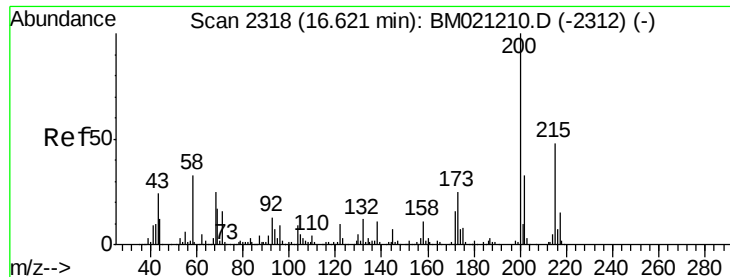
#66  
Hexachlorobenzene  
Concen: 21.104 ng/ul  
RT: 16.45 min Scan# 2288  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion:284 Resp: 510327  
Ion Ratio Lower Upper  
284 100  
142 27.9 22.7 34.1  
249 29.0 23.4 35.0



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

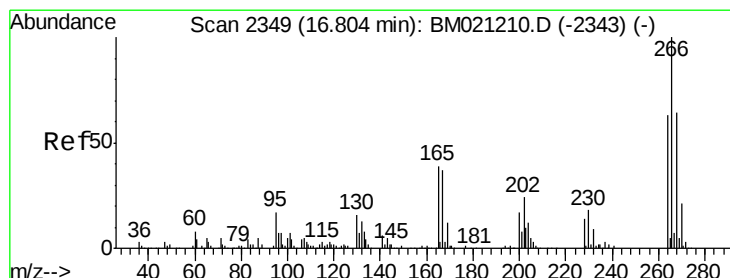
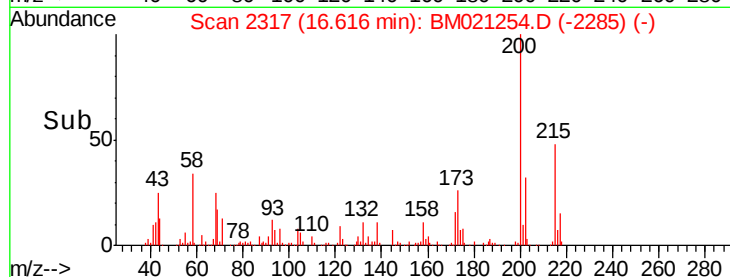
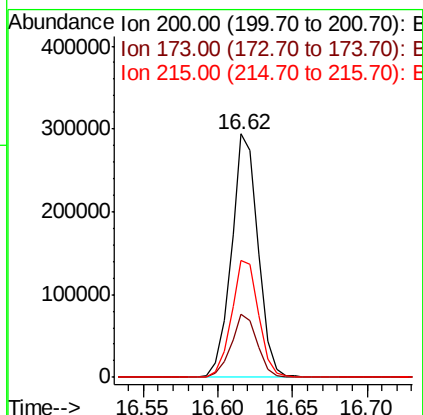
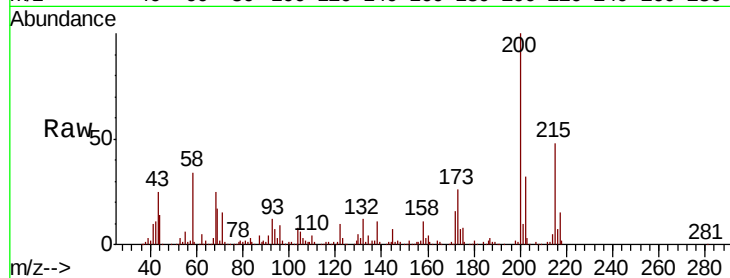




#67  
Atrazine  
Concen: 19.371 ng/ul  
RT: 16.62 min Scan# 2317  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

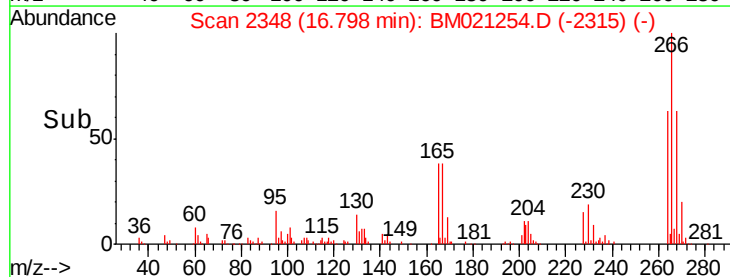
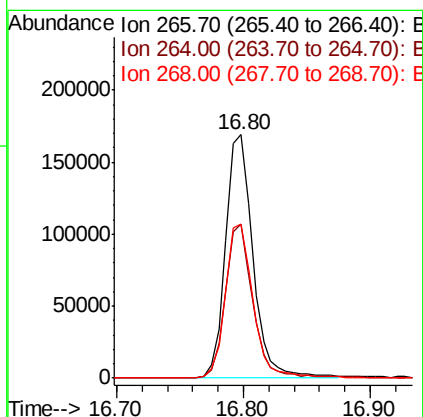
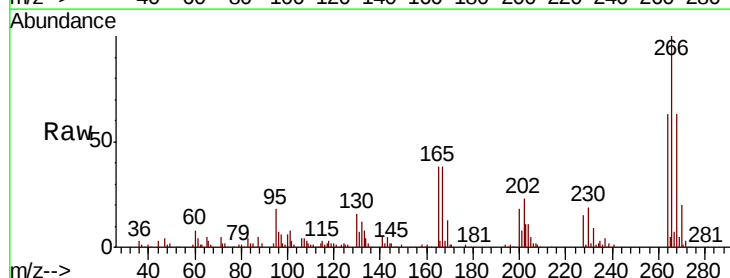
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

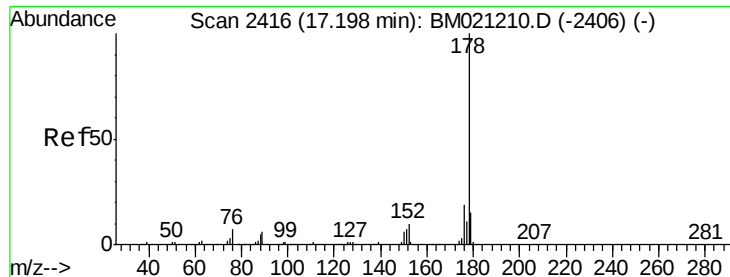
Tgt Ion:200 Resp: 366204  
Ion Ratio Lower Upper  
200 100  
173 25.7 20.6 31.0  
215 47.8 40.1 60.1



#68  
Pentachlorophenol  
Concen: 20.850 ng/ul  
RT: 16.80 min Scan# 2348  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion:266 Resp: 252803  
Ion Ratio Lower Upper  
266 100  
264 63.0 49.9 74.9  
268 63.1 53.4 80.0





#69

Phenanthrene

Concen: 20.206 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

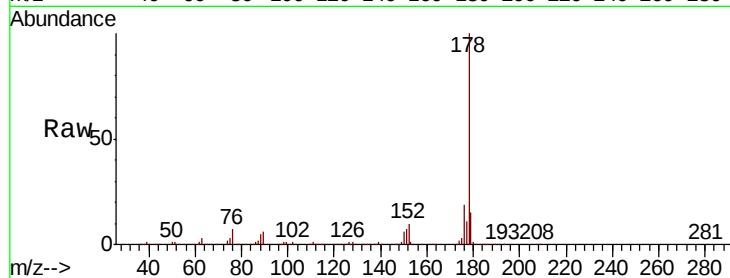
Tgt Ion:178 Resp: 1922703

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

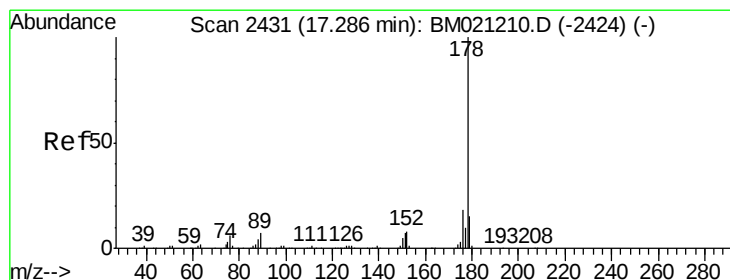
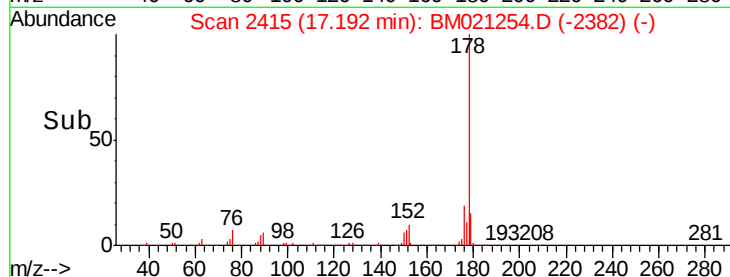
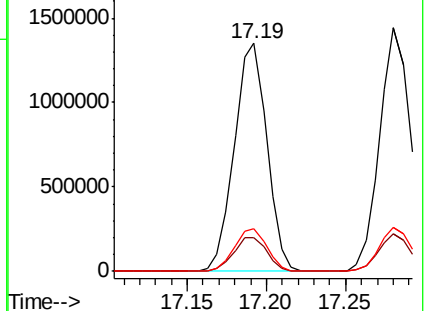
176 18.9 15.0 22.6



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: 20.262 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

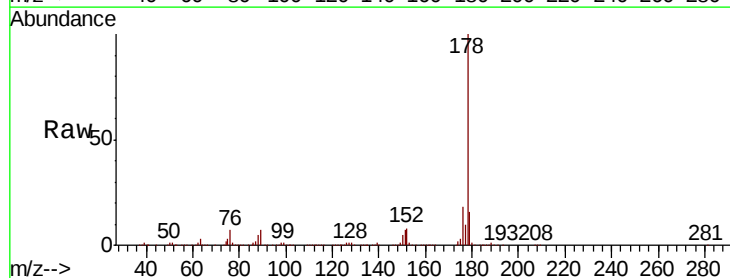
Tgt Ion:178 Resp: 1964805

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

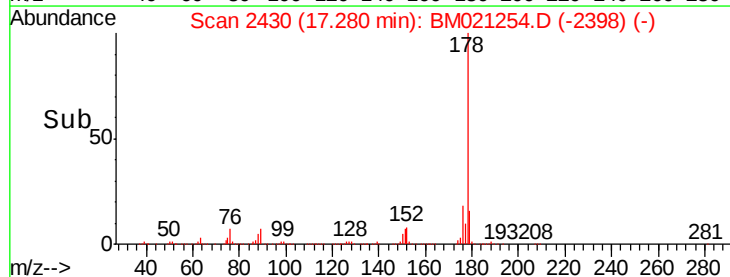
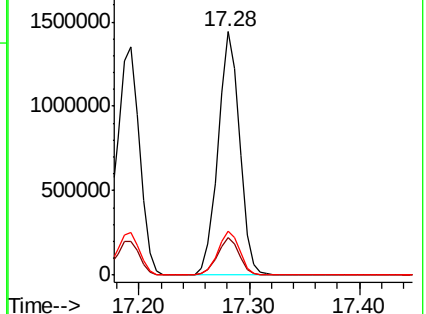
176 18.2 14.6 21.8

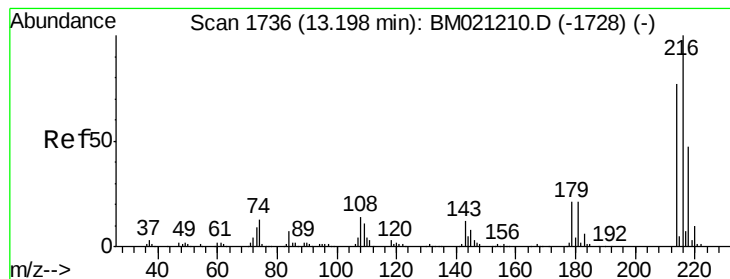


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 20.377 ng/uL

RT: 13.19 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

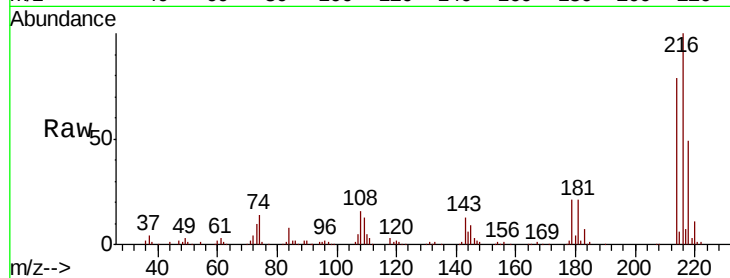
Tgt Ion:216 Resp: 551539

Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

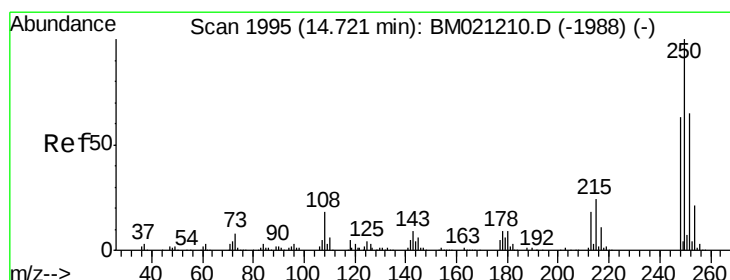
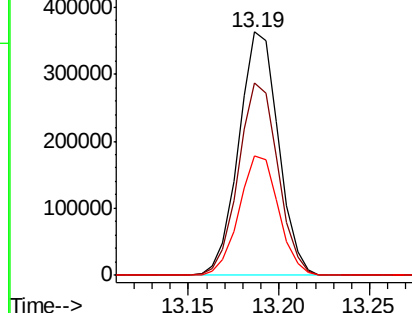
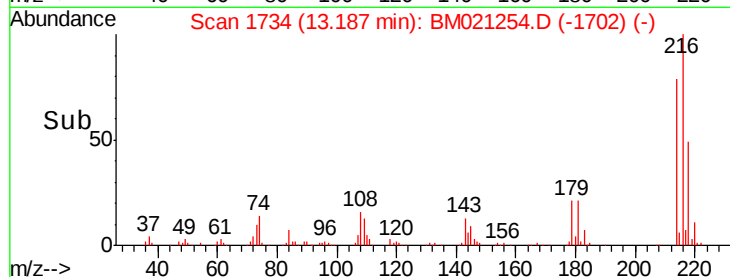
218 49.0 38.6 58.0



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



#73

Pentachlorobenzene

Concen: 20.780 ng/uL

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

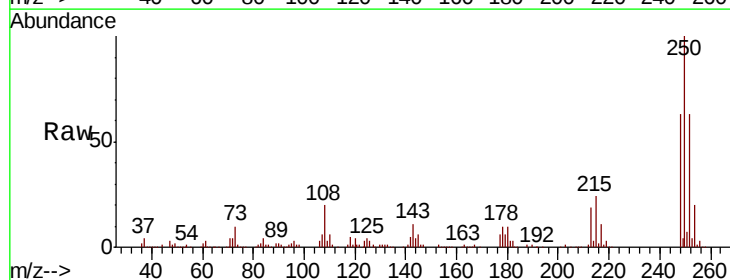
Tgt Ion:250 Resp: 578743

Ion Ratio Lower Upper

250 100

248 63.2 50.9 76.3

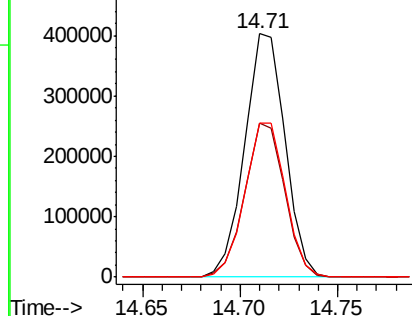
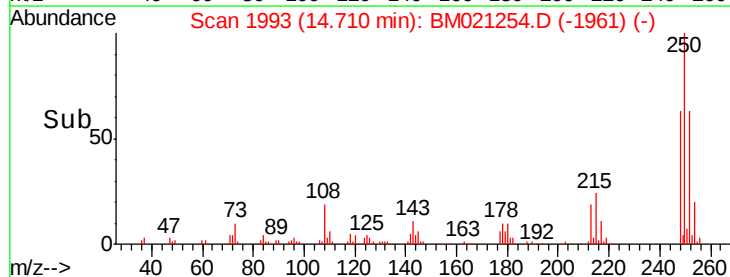
252 63.4 49.9 74.9

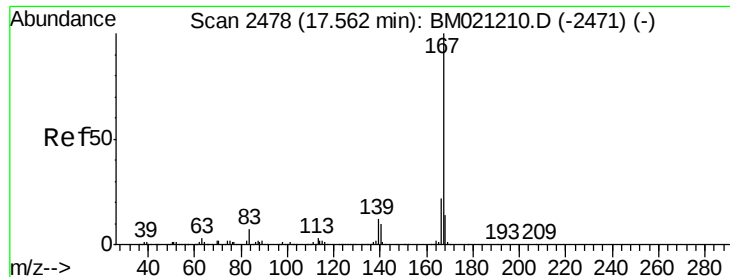


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.092 ng/ul

RT: 17.56 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

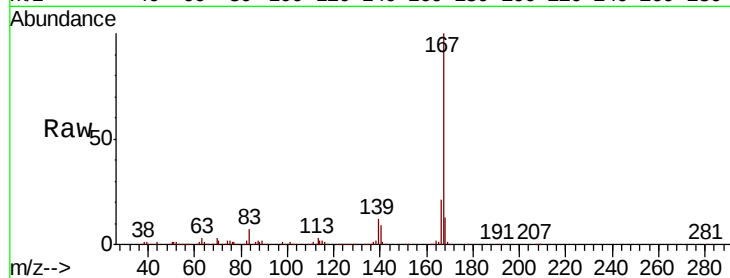
Tgt Ion:167 Resp: 1605729

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.2

139 11.9 9.8 14.6

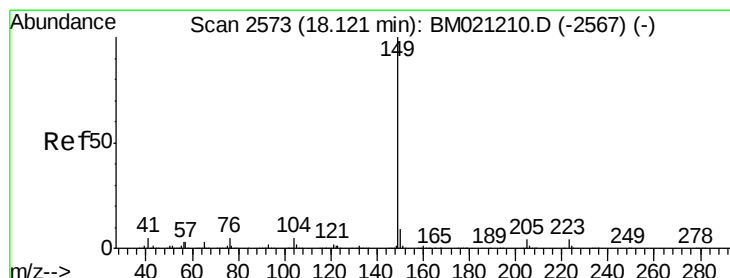
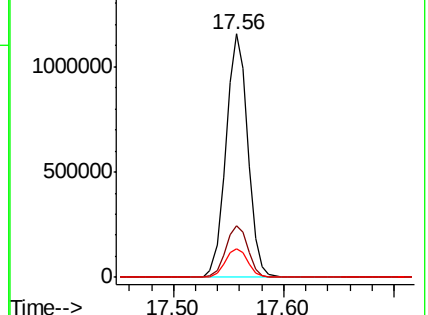
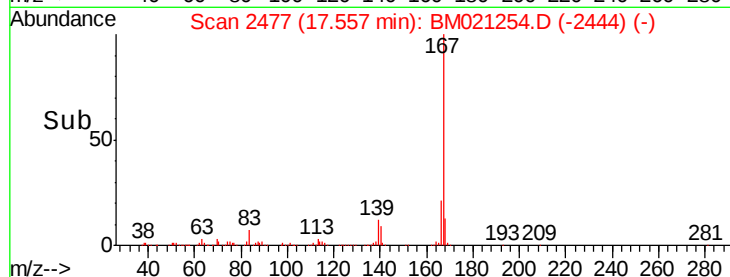


Abundance

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



#75

Di-n-butylphthalate

Concen: 19.759 ng/ul

RT: 18.12 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

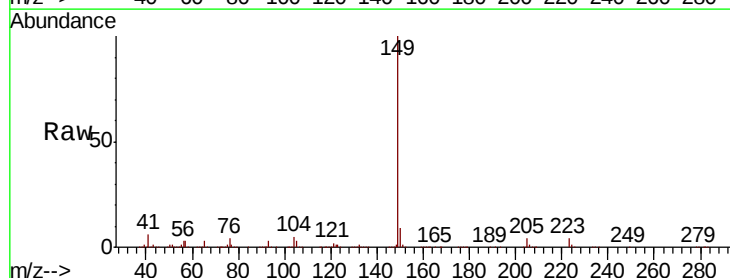
Tgt Ion:149 Resp: 1895864

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 4.7 3.8 5.8

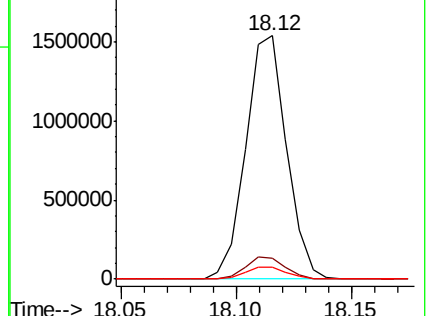
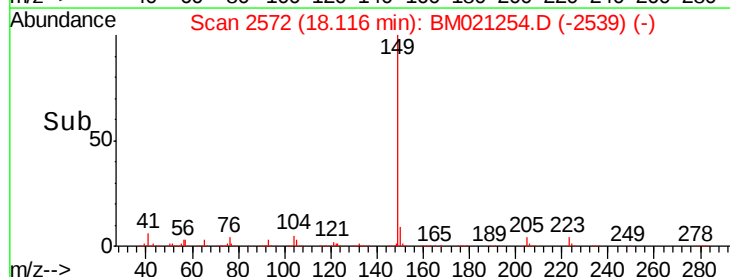


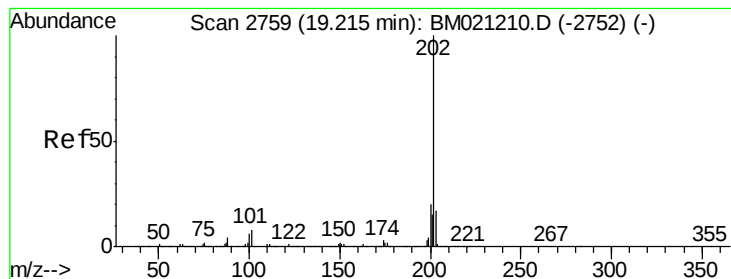
Abundance

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





#76

Fluoranthene

Concen: 20.525 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

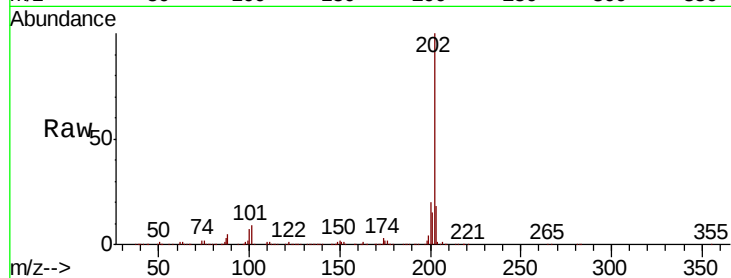
Tgt Ion:202 Resp: 2110292

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

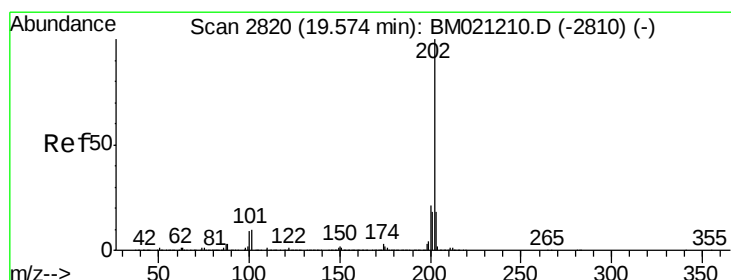
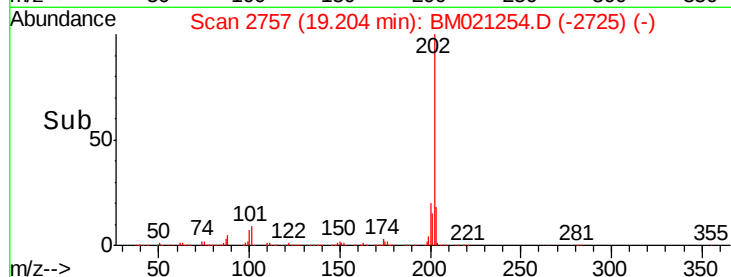
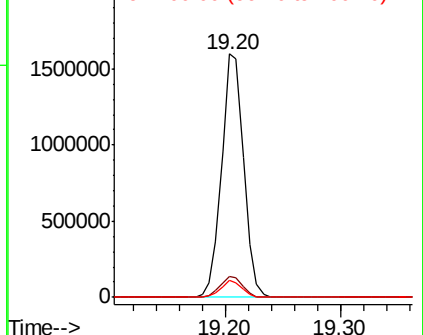
100 7.1 5.5 8.3



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



#79

Pyrene

Concen: 21.140 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

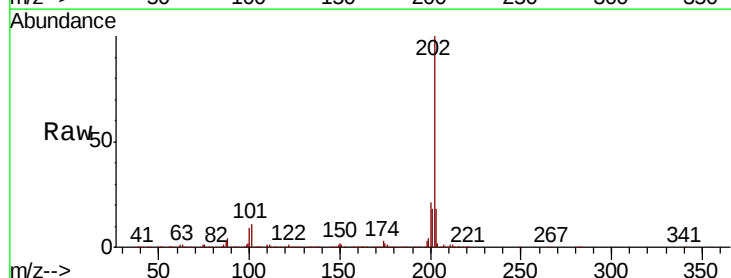
Tgt Ion:202 Resp: 2116142

Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

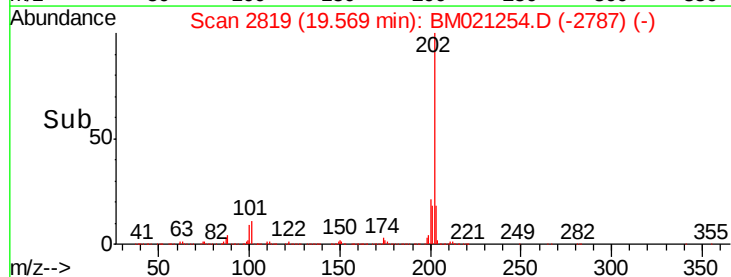
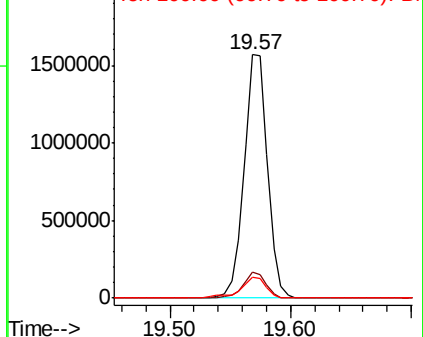
100 8.7 6.6 10.0

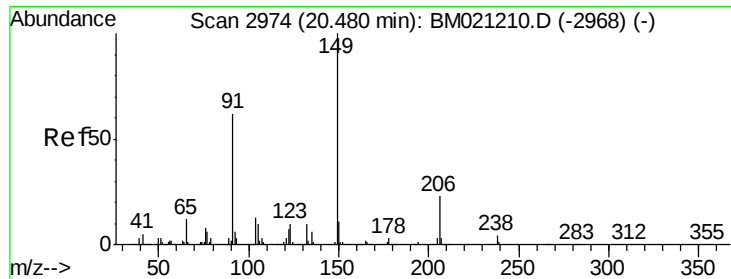


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

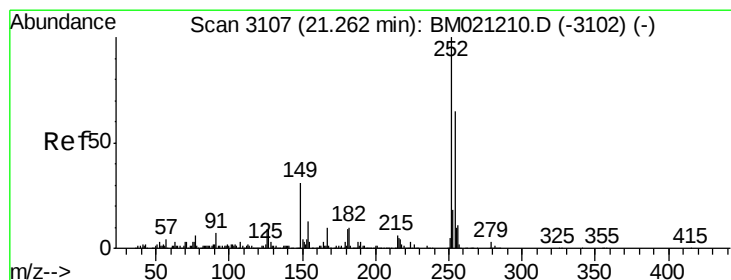
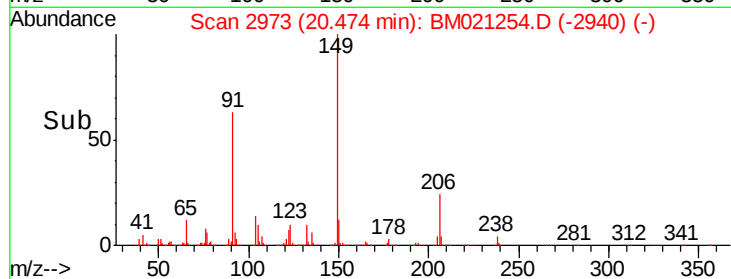
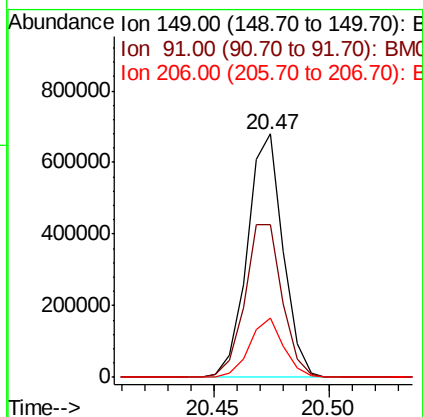
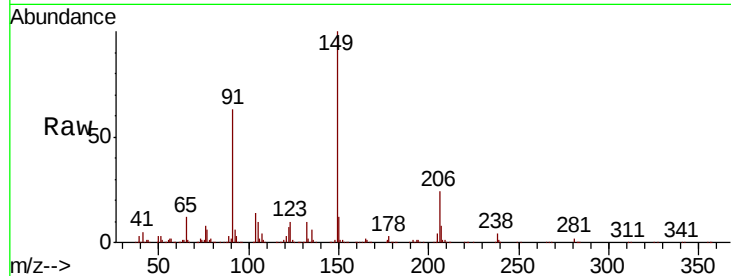




#80  
Butylbenzylphthalate  
Concen: 19.736 ng/ul  
RT: 20.47 min Scan# 2973  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

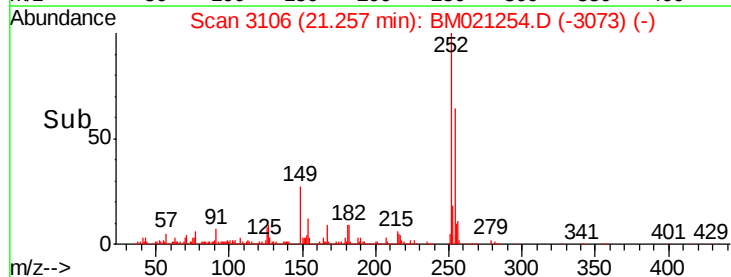
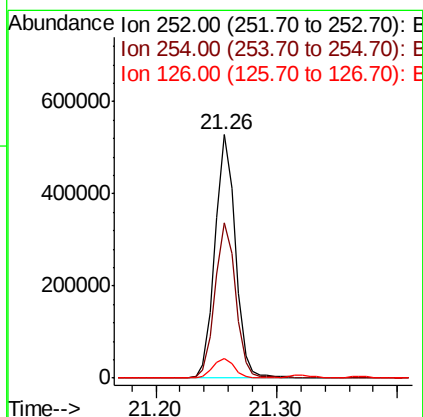
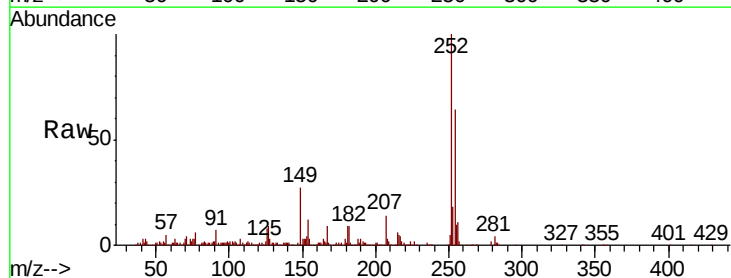
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02052

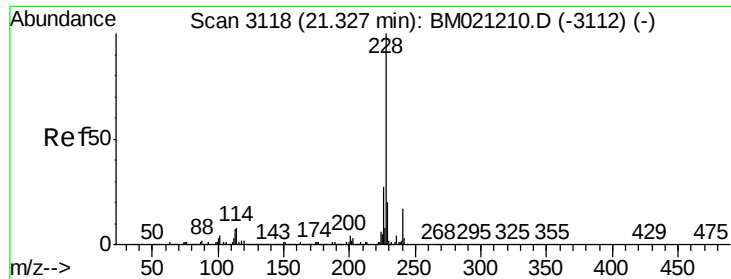
Tgt Ion:149 Resp: 731323  
Ion Ratio Lower Upper  
149 100  
91 62.9 53.4 80.2  
206 24.2 17.4 26.2



#81  
3,3'-Dichlorobenzidine  
Concen: 19.303 ng/ul  
RT: 21.26 min Scan# 3106  
Delta R.T. -0.01 min  
Lab File: BM021254.D  
Acq: 29 Jun 2019 09:52

Tgt Ion:252 Resp: 612606  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.8 77.6  
126 8.3 7.7 11.5





#82

Benzo(a)anthracene

Concen: 20.160 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

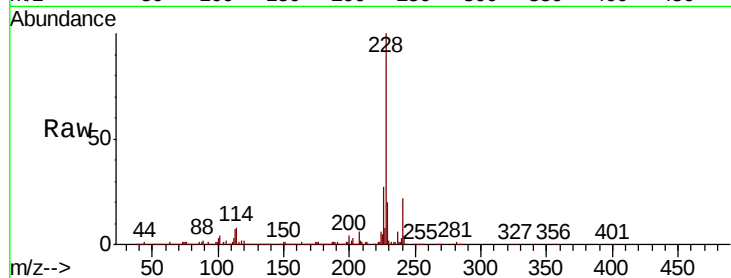
BNA\_M

ClientSampleId :

SSTD02052

Tgt Ion:228 Resp: 1946141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.6  | 15.8  | 23.8  |
| 226 | 27.2  | 21.4  | 32.2  |

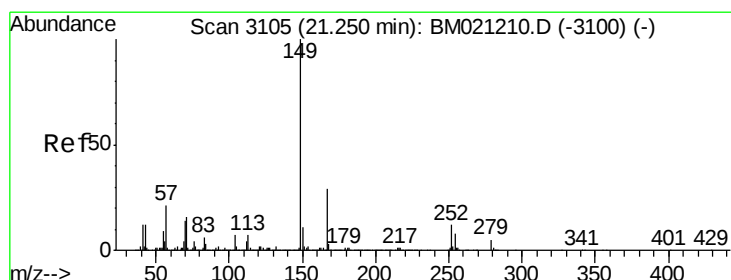
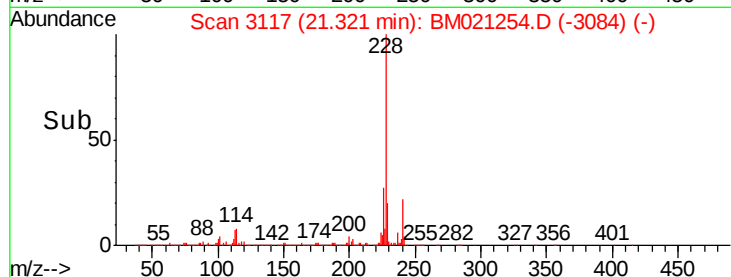
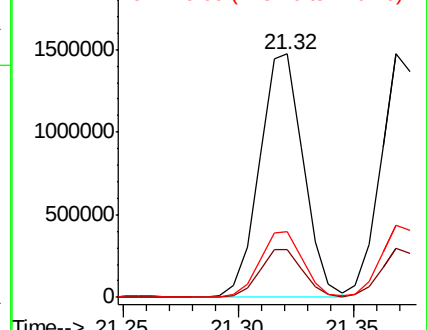


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.023 ng/ul

RT: 21.24 min Scan# 3104

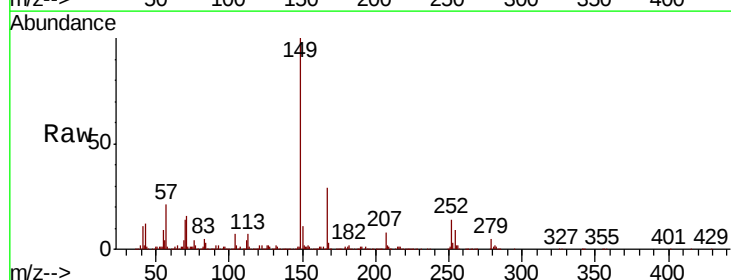
Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Tgt Ion:149 Resp: 1003624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.0  | 22.3  | 33.5  |
| 279 | 5.4   | 3.8   | 5.6   |

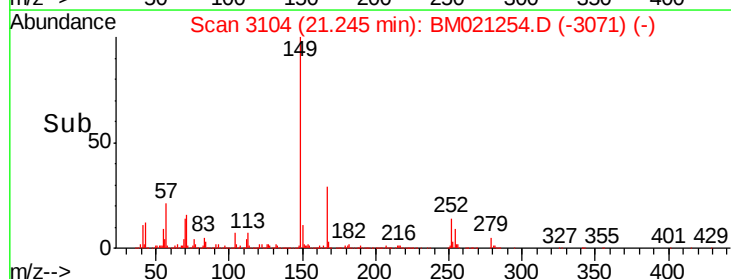
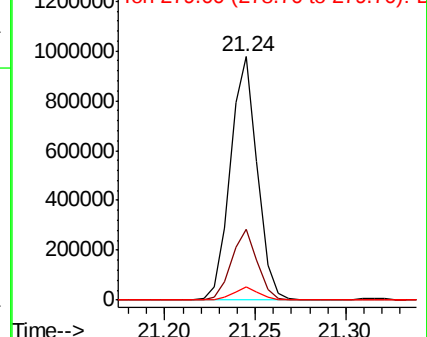


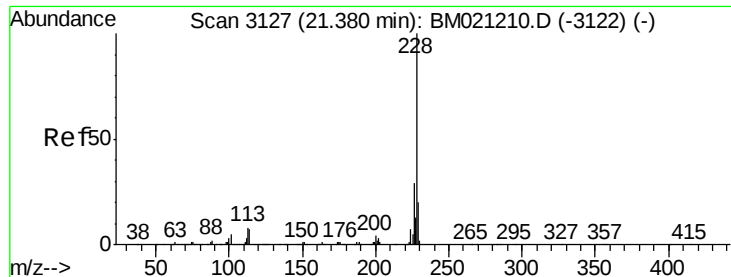
Abundance

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





#84

Chrysene

Concen: 20.089 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

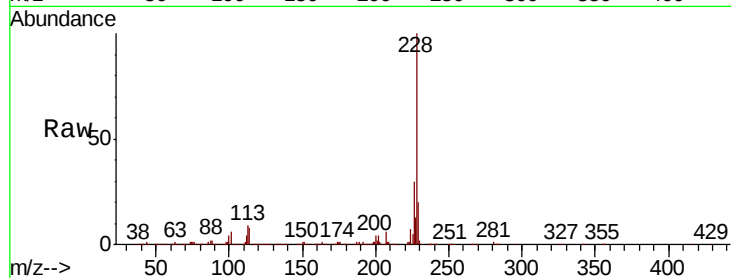
Tgt Ion:228 Resp: 1816253

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

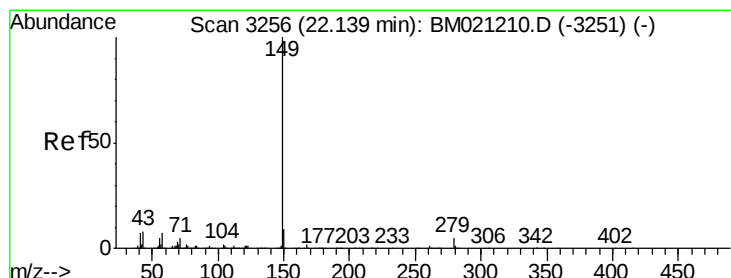
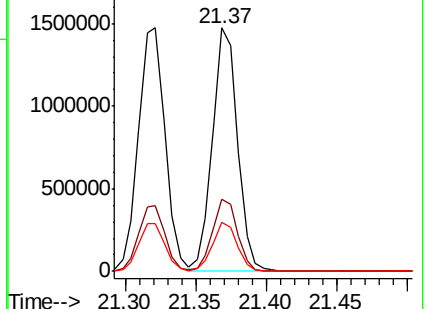
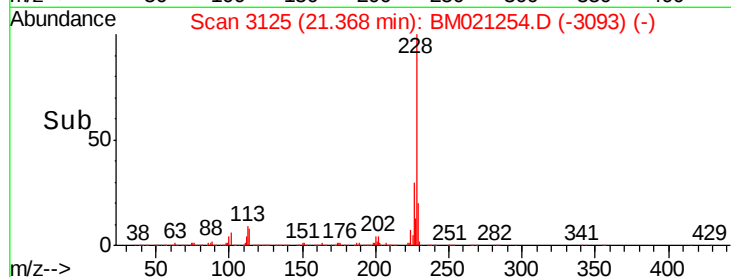
229 19.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 18.586 ng/ul

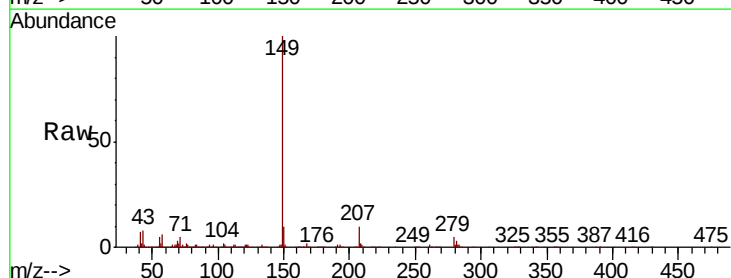
RT: 22.13 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Tgt Ion:149 Resp: 1604329



Abundance Ion 149.00 (148.70 to 149.70): E

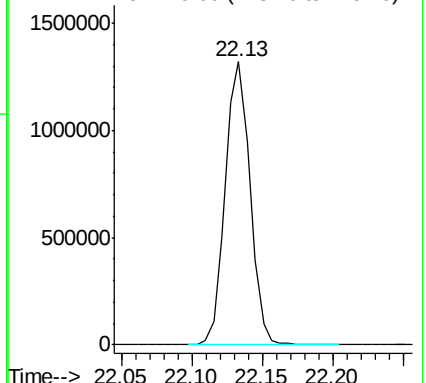
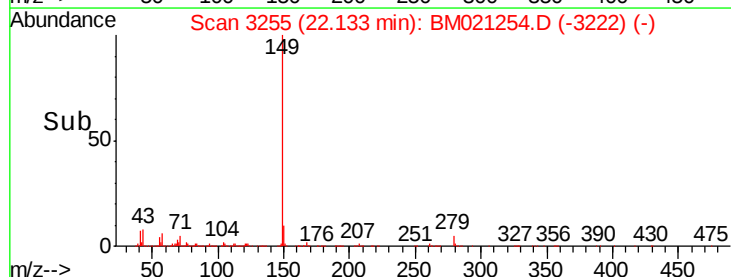
1500000

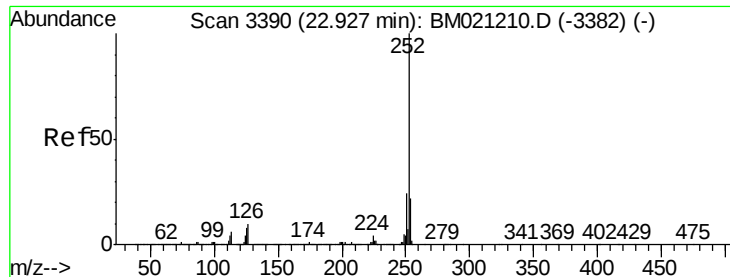
1000000

500000

0

Time-->





#87

Benzo(b)fluoranthene

Concen: 20.516 ng/u1

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

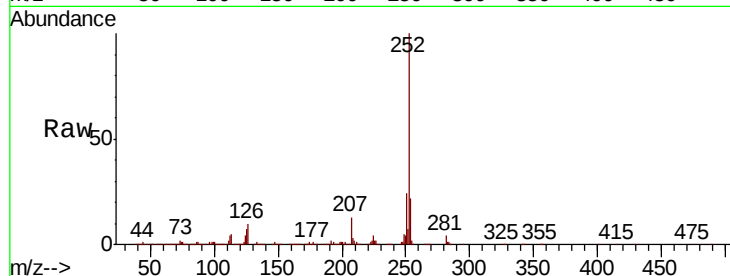
Tgt Ion:252 Resp: 1946826

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 7.5 6.3 9.5

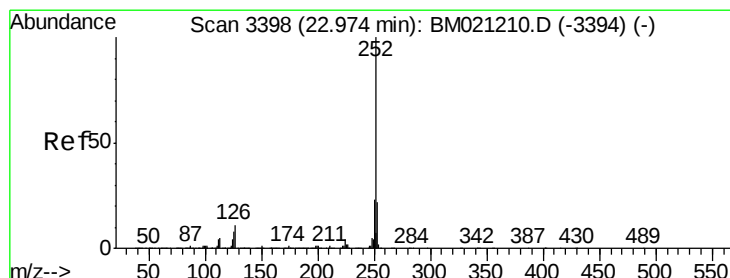
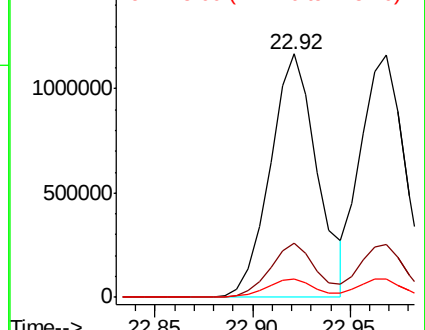
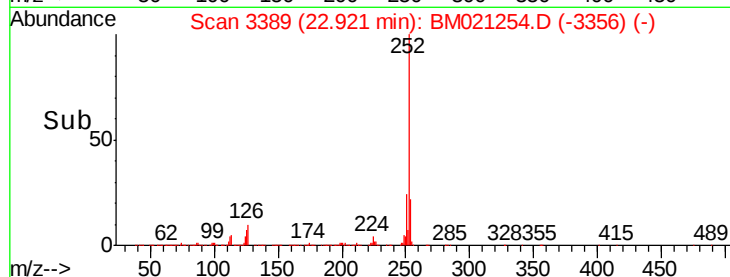


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 19.965 ng/u1

RT: 22.97 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

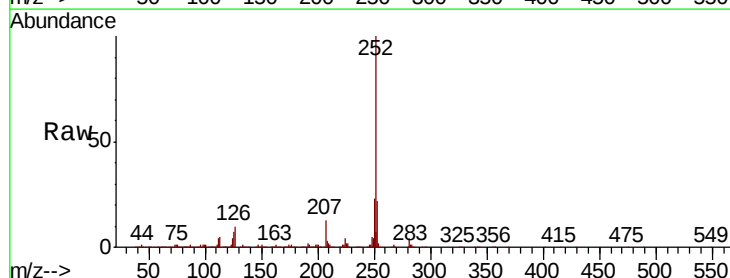
Tgt Ion:252 Resp: 1822592

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.4 6.6 9.8

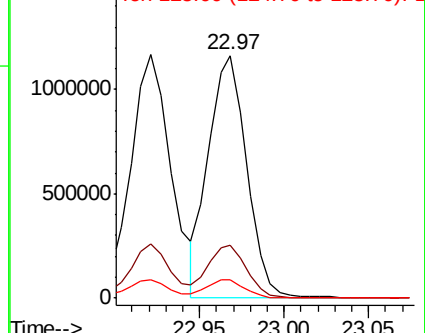
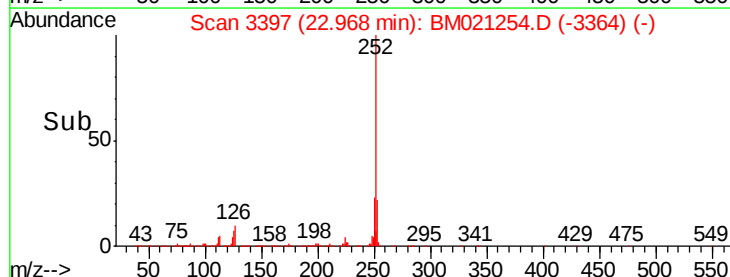


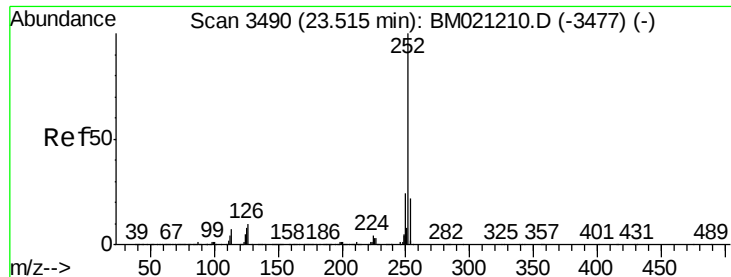
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.354 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

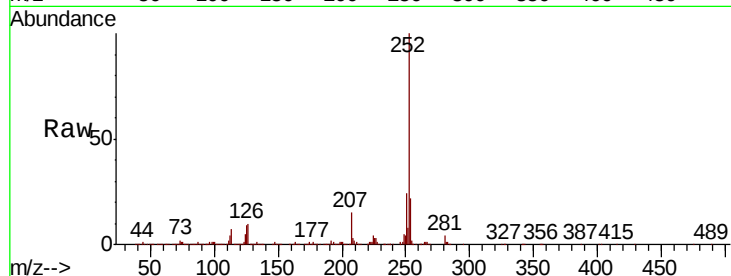
Tgt Ion:252 Resp: 1817936

Ion Ratio Lower Upper

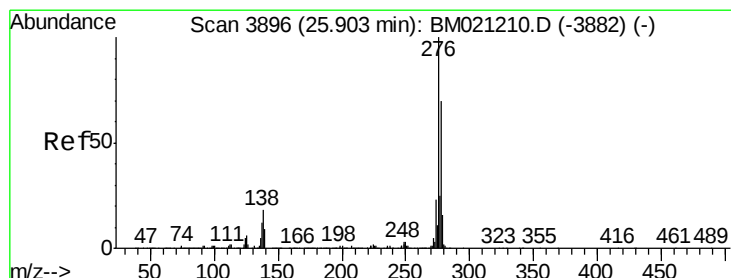
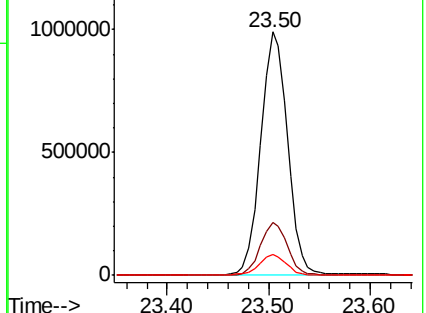
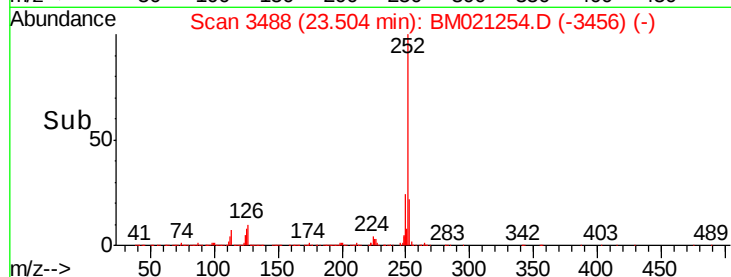
252 100

253 21.9 17.8 26.8

125 8.5 7.2 10.8



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 21.206 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

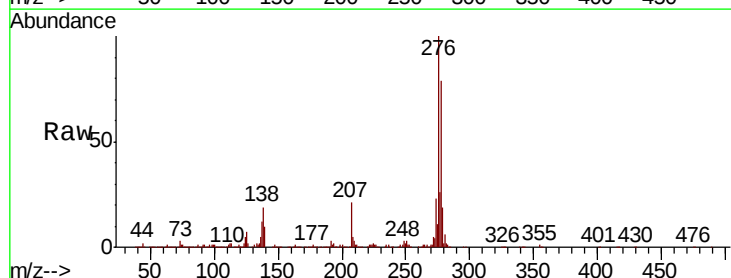
Tgt Ion:276 Resp: 2230294

Ion Ratio Lower Upper

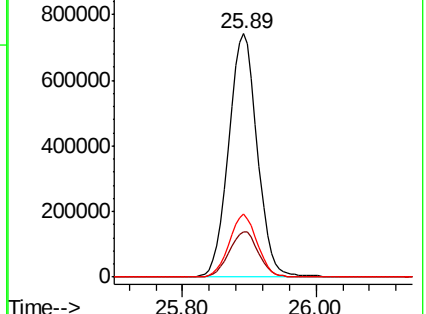
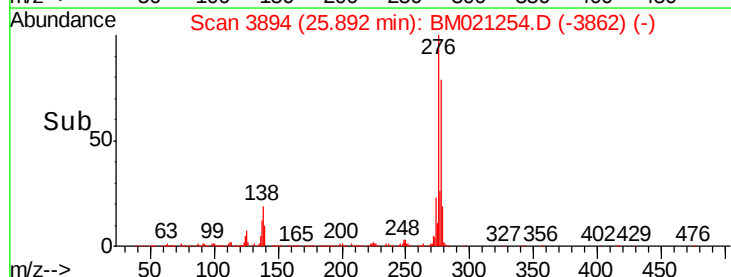
276 100

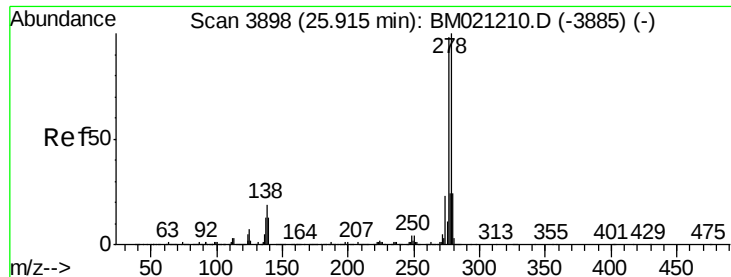
138 18.7 15.9 23.9

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





#92

Dibenzo(a,h)anthracene

Concen: 20.994 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

SSTD02052

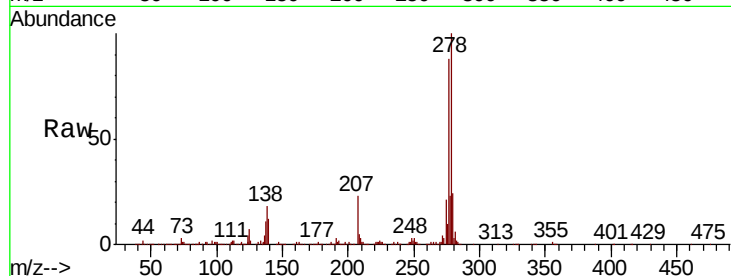
Tgt Ion:278 Resp: 1857458

Ion Ratio Lower Upper

278 100

139 12.2 10.6 15.8

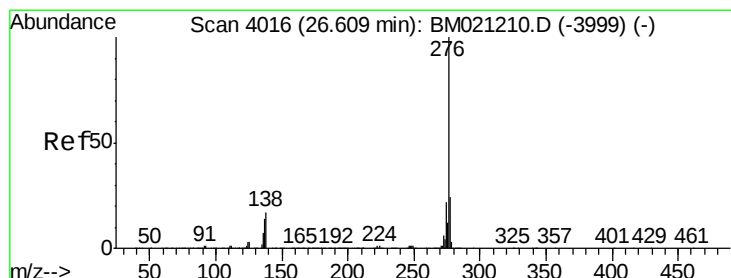
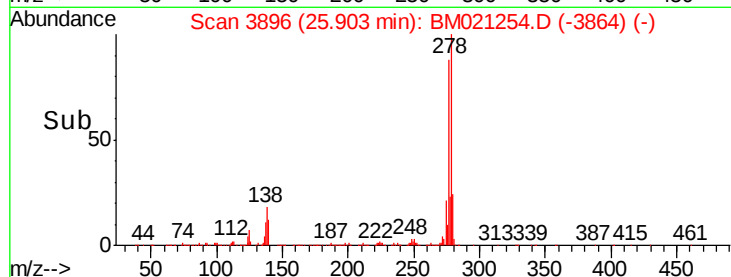
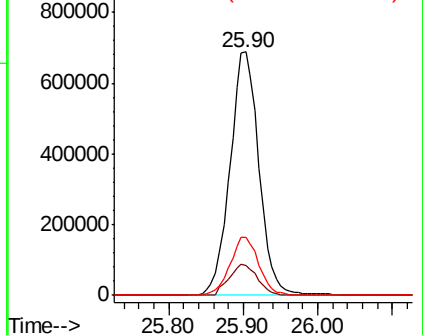
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 21.217 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021254.D

Acq: 29 Jun 2019 09:52

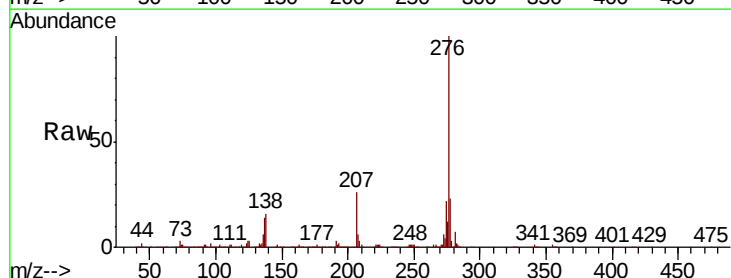
Tgt Ion:276 Resp: 1837817

Ion Ratio Lower Upper

276 100

138 15.6 14.6 21.8

277 23.0 18.9 28.3



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

