

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060517\  
 Data File : BF095675.D  
 Acq On : 5 Jun 2017 16:09  
 Operator : SJ/MA  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

Quant Time: Jun 05 16:37:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:15:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 110073   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.43  | 136  | 465372   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.26 | 164  | 205053   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.64 | 188  | 340766   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.36 | 240  | 282919   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.02 | 264  | 246437   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 593373  | 85.90 | ng | 0.00 |
| 7) Phenol-d6             | 6.96  | 99  | 717950  | 86.82 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.32  | 82  | 585554  | 78.14 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.55 | 330 | 139770  | 77.04 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.22 | 172 | 1161304 | 78.81 | ng | 0.00 |
| 78) Terphenyl-d14        | 17.02 | 244 | 919156  | 80.63 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 1.72  | 88  | 125693 | 38.249 | ng | 94     |
| 3) Pyridine                    | 2.28  | 79  | 315911 | 40.903 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.25  | 42  | 118666 | 40.414 | ng | 84     |
| 6) Aniline                     | 6.90  | 93  | 452709 | 41.844 | ng | 96     |
| 8) 2-Chlorophenol              | 7.08  | 128 | 313888 | 42.736 | ng | 97     |
| 9) Benzaldehyde                | 6.70  | 77  | 241093 | 43.219 | ng | 99     |
| 10) Phenol                     | 6.97  | 94  | 377993 | 44.062 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 291731 | 42.928 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.30  | 146 | 342354 | 41.180 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.43  | 146 | 341269 | 40.479 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.66  | 146 | 319707 | 41.135 | ng | 96     |
| 15) Benzyl Alcohol             | 7.70  | 79  | 231784 | 40.835 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.90  | 45  | 386605 | 40.490 | ng | 97     |
| 17) 2-Methylphenol             | 7.92  | 107 | 247735 | 40.191 | ng | 97     |
| 18) Hexachloroethane           | 8.18  | 117 | 114580 | 41.150 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 8.13  | 70  | 215653 | 41.149 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.19  | 107 | 327824 | 41.898 | ng | # 61   |
| 22) Acetophenone               | 8.09  | 105 | 424946 | 39.013 | ng | # 84   |
| 24) Nitrobenzene               | 8.35  | 77  | 313051 | 39.109 | ng | 92     |
| 25) Isophorone                 | 8.75  | 82  | 544433 | 38.911 | ng | 95     |
| 26) 2-Nitrophenol              | 8.86  | 139 | 171282 | 40.864 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.00  | 122 | 267003 | 41.047 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.13  | 93  | 379411 | 41.138 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.27  | 162 | 261285 | 41.707 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 9.36  | 180 | 264247 | 40.537 | ng | 99     |
| 31) Naphthalene                | 9.47  | 128 | 901255 | 38.589 | ng | 99     |
| 32) Benzoic acid               | 9.36  | 122 | 156486 | 39.506 | ng | 91     |
| 33) 4-Chloroaniline            | 9.61  | 127 | 371345 | 40.679 | ng | # 92   |
| 34) Hexachlorobutadiene        | 9.69  | 225 | 132858 | 39.444 | ng | 97     |
| 35) Caprolactam                | 10.25 | 113 | 75264  | 40.375 | ng | 86     |
| 36) 4-Chloro-3-methylphenol    | 10.48 | 107 | 252833 | 38.554 | ng | 88     |
| 37) 2-Methylnaphthalene        | 10.59 | 142 | 596433 | 37.796 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.87 | 216 | 249643 | 40.679 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.85 | 237 | 60852  | 38.431 | ng | 99     |

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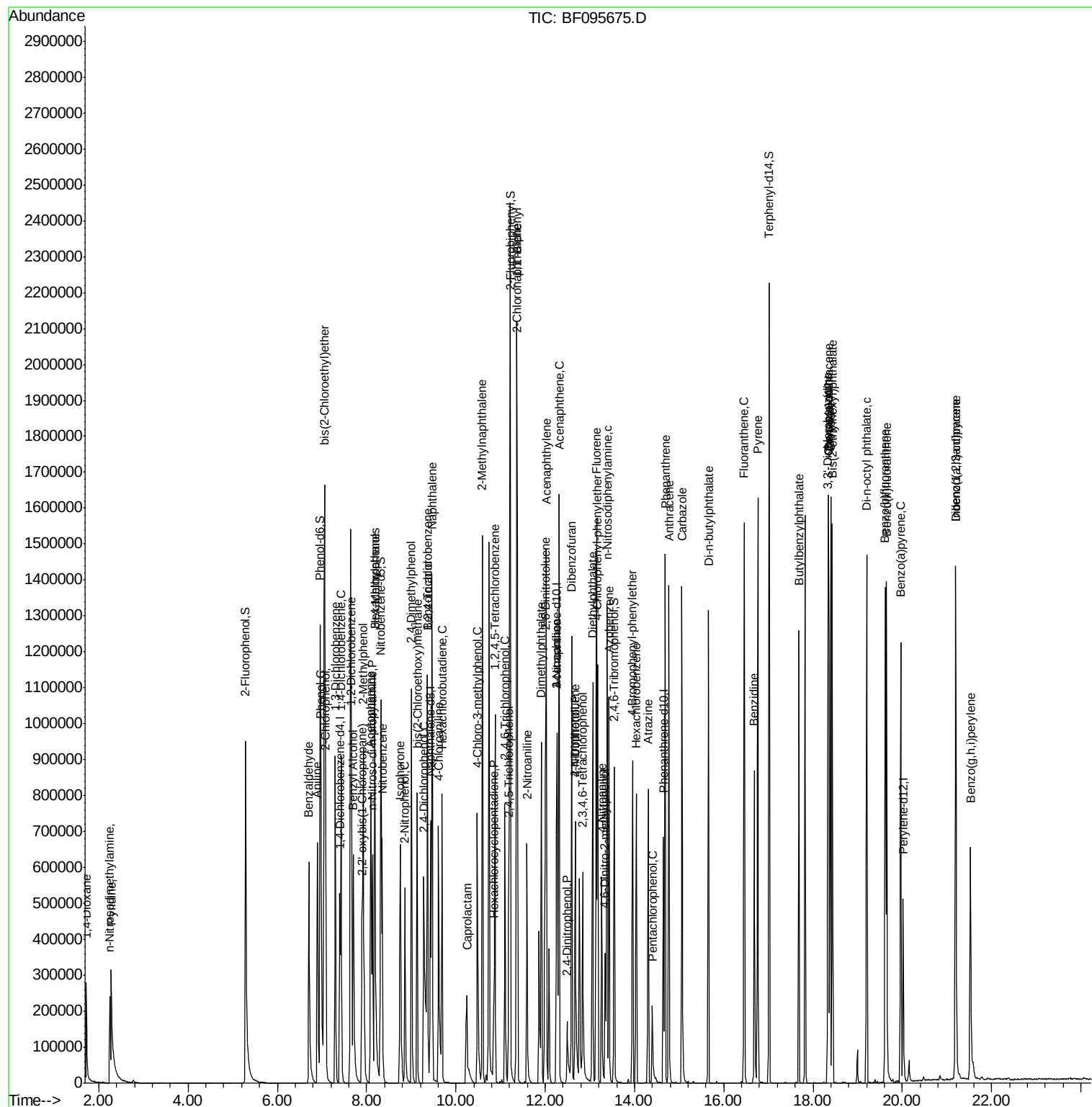
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.10 | 196  | 159989   | 40.548 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.18 | 196  | 170323   | 40.583 | ng    | 90       |
| 45) 1,1'-Biphenyl              | 11.36 | 154  | 672763   | 39.808 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 11.37 | 162  | 530163   | 40.149 | ng    | 95       |
| 47) 2-Nitroaniline             | 11.59 | 65   | 159613   | 41.306 | ng    | # 77     |
| 48) Acenaphthylene             | 12.03 | 152  | 907692   | 40.199 | ng    | 99       |
| 49) Dimethylphthalate          | 11.92 | 163  | 628875   | 40.393 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.01 | 165  | 135963   | 40.037 | ng    | # 85     |
| 51) Acenaphthene               | 12.31 | 154  | 526009   | 40.335 | ng    | 99       |
| 52) 3-Nitroaniline             | 12.27 | 138  | 163487   | 41.321 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 12.49 | 184  | 67846    | 38.903 | ng    | # 71     |
| 54) Dibenzofuran               | 12.60 | 168  | 734602   | 40.024 | ng    | 97       |
| 55) 4-Nitrophenol              | 12.67 | 139  | 88832    | 40.857 | ng    | # 52     |
| 56) 2,4-Dinitrotoluene         | 12.67 | 165  | 191075   | 41.657 | ng    | # 92     |
| 57) Fluorene                   | 13.15 | 166  | 648203   | 40.583 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.84 | 232  | 122542   | 42.674 | ng    | # 93     |
| 59) Diethylphthalate           | 13.06 | 149  | 598010   | 39.912 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 13.18 | 204  | 281869   | 40.580 | ng    | 89       |
| 61) 4-Nitroaniline             | 13.27 | 138  | 151412   | 40.987 | ng    | 96       |
| 62) Azobenzene                 | 13.43 | 77   | 554007   | 40.798 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 13.34 | 198  | 96178    | 42.939 | ng    | # 66     |
| 65) n-Nitrosodiphenylamine     | 13.39 | 169  | 501938   | 40.992 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.96 | 248  | 151061   | 42.654 | ng    | 97       |
| 67) Hexachlorobenzene          | 14.04 | 284  | 145595   | 41.720 | ng    | # 87     |
| 68) Atrazine                   | 14.31 | 200  | 142776   | 41.897 | ng    | 96       |
| 69) Pentachlorophenol          | 14.40 | 266  | 49188    | 40.706 | ng    | 97       |
| 70) Phenanthrene               | 14.69 | 178  | 796967   | 40.534 | ng    | 98       |
| 71) Anthracene                 | 14.77 | 178  | 830440   | 40.456 | ng    | 97       |
| 72) Carbazole                  | 15.06 | 167  | 843300   | 42.157 | ng    | 98       |
| 73) Di-n-butylphthalate        | 15.66 | 149  | 886942   | 41.676 | ng    | 98       |
| 74) Fluoranthene               | 16.46 | 202  | 847760   | 43.563 | ng    | 98       |
| 76) Benzidine                  | 16.69 | 184  | 434849   | 40.020 | ng    | 98       |
| 77) Pyrene                     | 16.76 | 202  | 868308   | 41.132 | ng    | 99       |
| 79) Butylbenzylphthalate       | 17.69 | 149  | 396445   | 43.001 | ng    | 90       |
| 80) Benzo(a)anthracene         | 18.34 | 228  | 661032   | 40.187 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.33 | 252  | 236107   | 40.373 | ng    | # 96     |
| 82) Chrysene                   | 18.39 | 228  | 668785   | 40.685 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.43 | 149  | 542015   | 41.677 | ng    | # 99     |
| 84) Di-n-octyl phthalate       | 19.20 | 149  | 892817   | 41.662 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.20 | 276  | 546881   | 38.883 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 19.62 | 252  | 649087   | 42.064 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 19.64 | 252  | 592834   | 40.193 | ng    | 96       |
| 89) Benzo(a)pyrene             | 19.97 | 252  | 562328   | 39.648 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.20 | 278  | 467120   | 38.827 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 21.53 | 276  | 477225   | 38.908 | ng    | 96       |

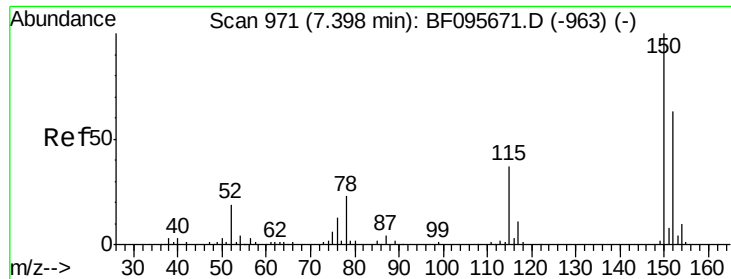
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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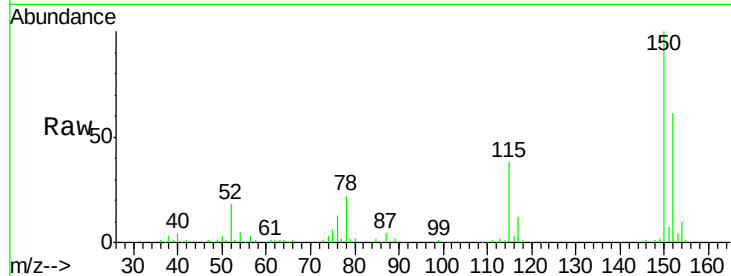


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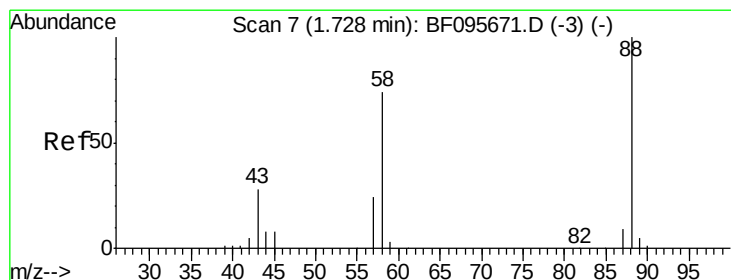
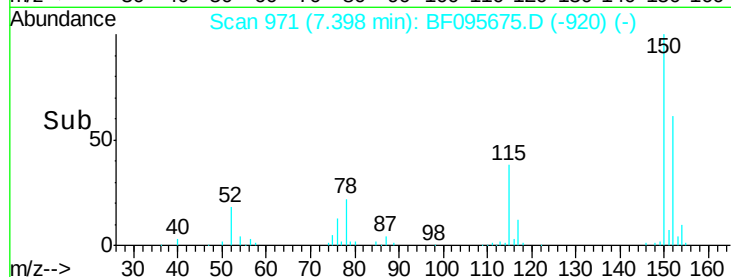
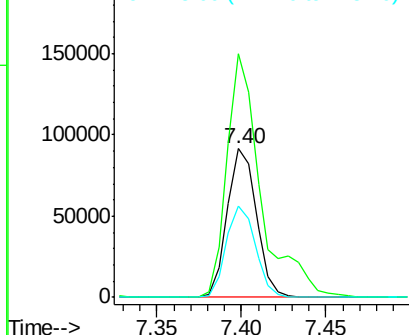
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

Tgt Ion:152 Resp: 110073  
Ion Ratio Lower Upper  
152 100  
150 163.7 126.2 189.2  
115 61.5 52.2 78.2



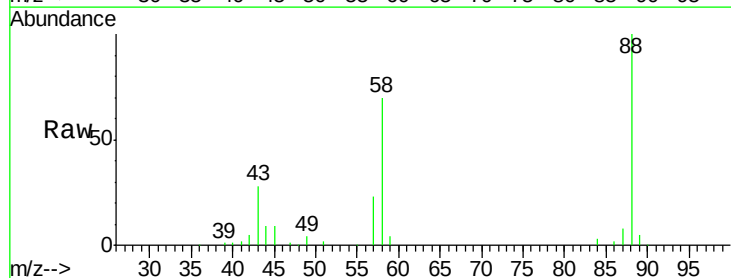
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



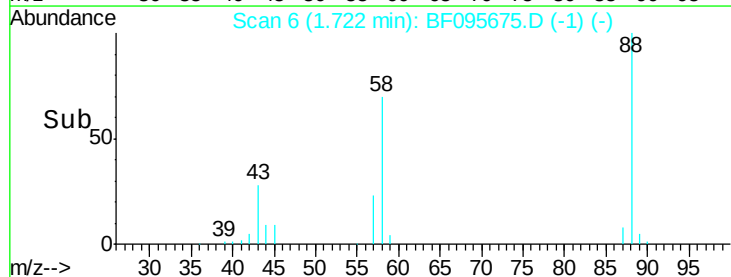
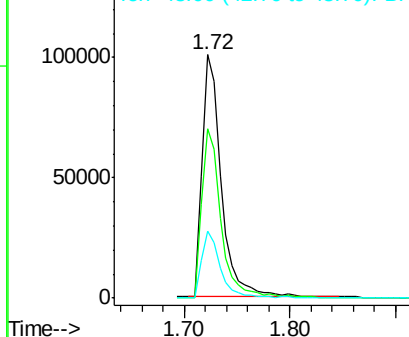
#2

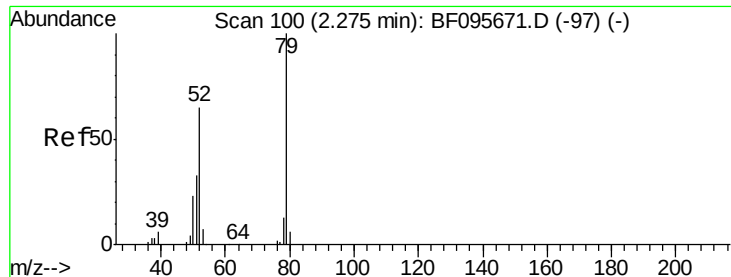
1,4-Dioxane  
Concen: 38.249 ng  
RT: 1.72 min Scan# 6  
Delta R.T. -0.01 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion: 88 Resp: 125693  
Ion Ratio Lower Upper  
88 100  
58 71.0 61.4 92.0  
43 27.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.903 ng

RT: 2.28 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

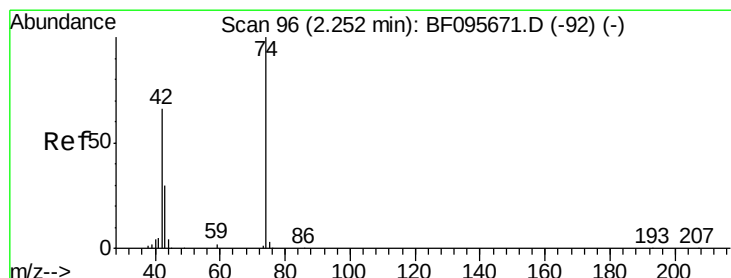
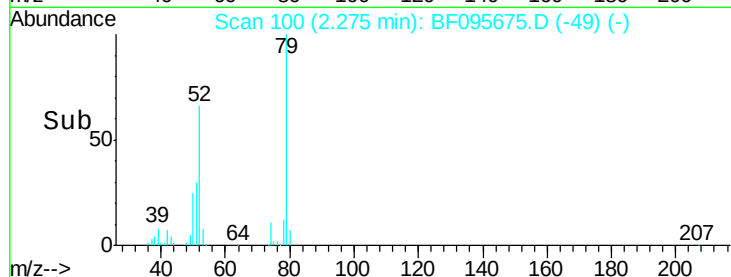
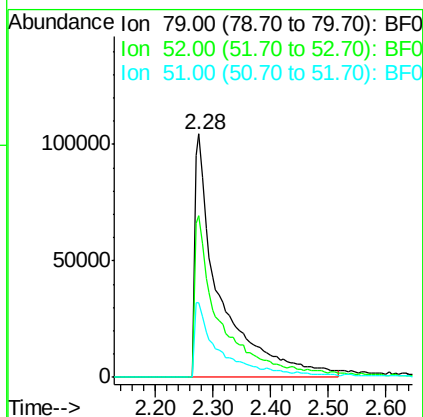
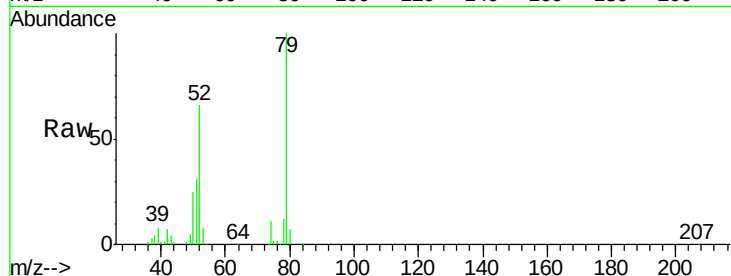
Tgt Ion: 79 Resp: 315911

Ion Ratio Lower Upper

79 100

52 66.4 54.8 82.2

51 30.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.414 ng

RT: 2.25 min Scan# 95

Delta R.T. -0.01 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

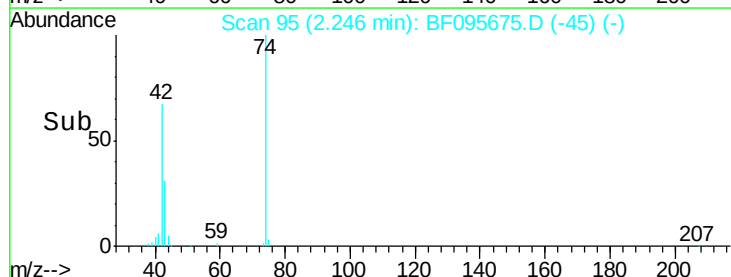
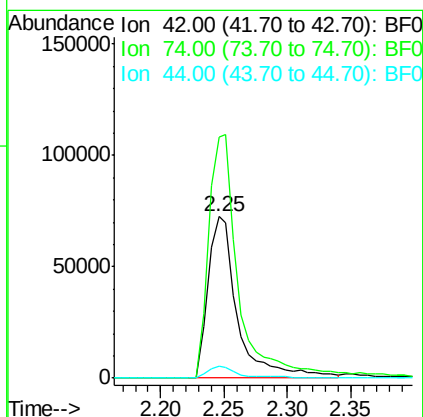
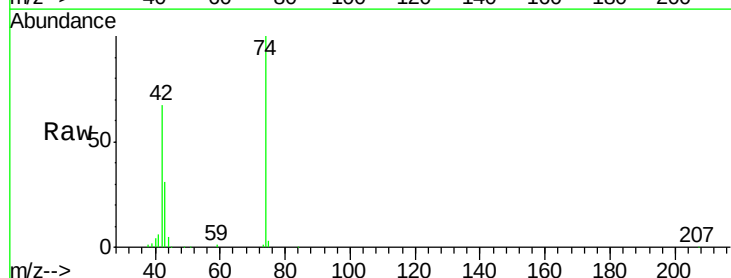
Tgt Ion: 42 Resp: 118666

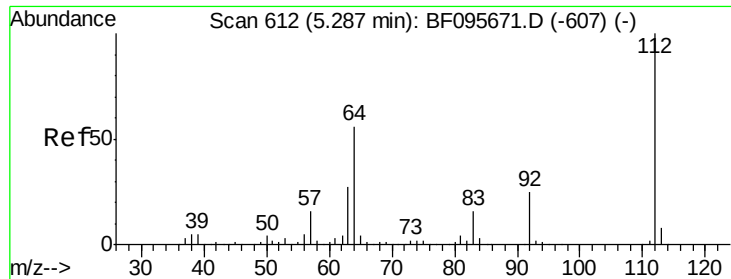
Ion Ratio Lower Upper

42 100

74 149.1 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 85.899 ng

RT: 5.29 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

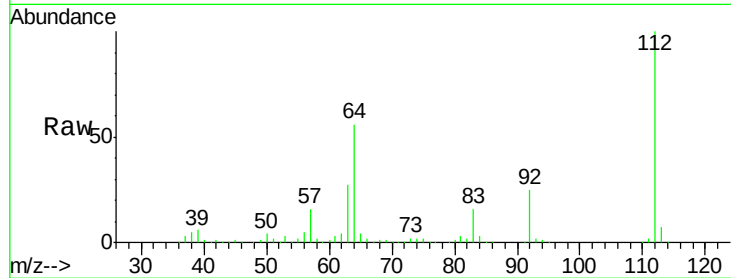
Tgt Ion: 112 Resp: 593373

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

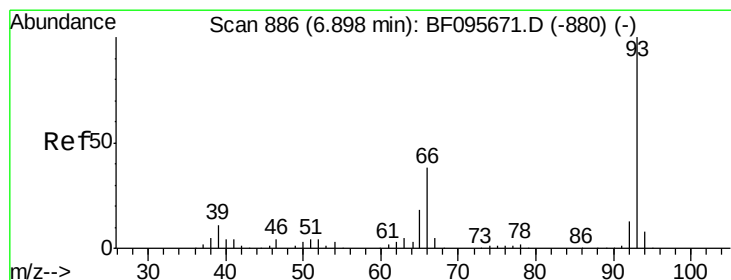
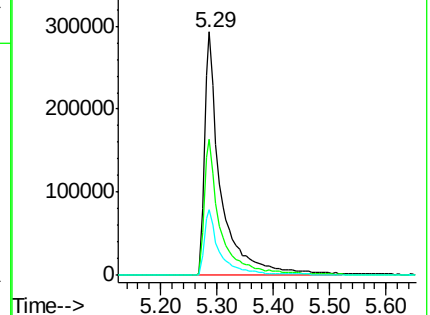
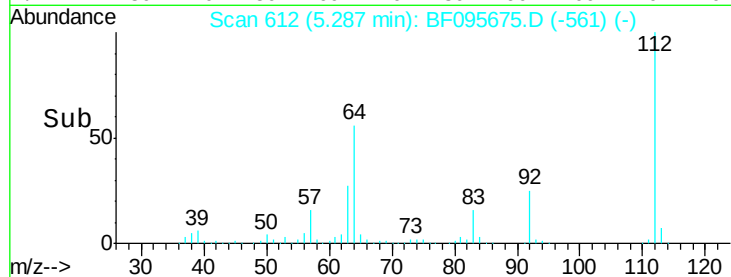
63 27.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.844 ng

RT: 6.90 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

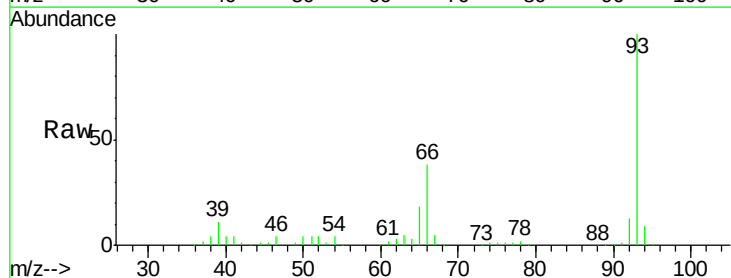
Tgt Ion: 93 Resp: 452709

Ion Ratio Lower Upper

93 100

66 38.2 32.9 49.3

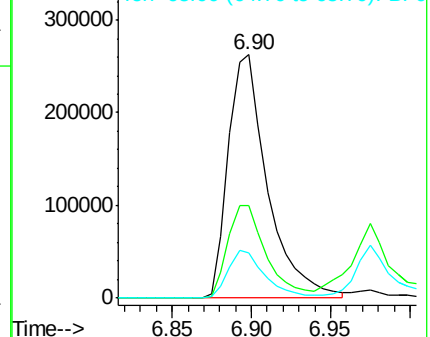
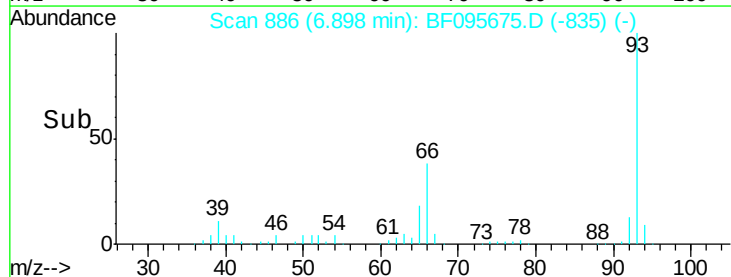
65 18.4 16.0 24.0

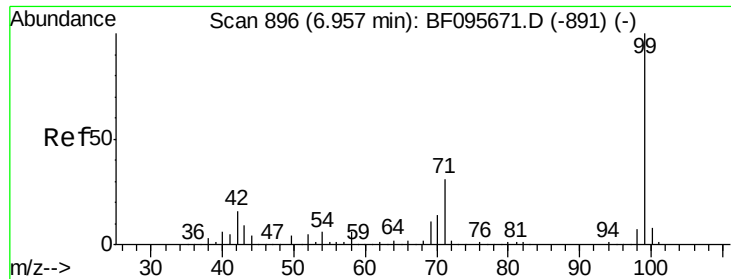


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.815 ng

RT: 6.96 min Scan# 896

Delta R.T. -0.00 min

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Instrument :

BNA\_F

ClientSampleId :

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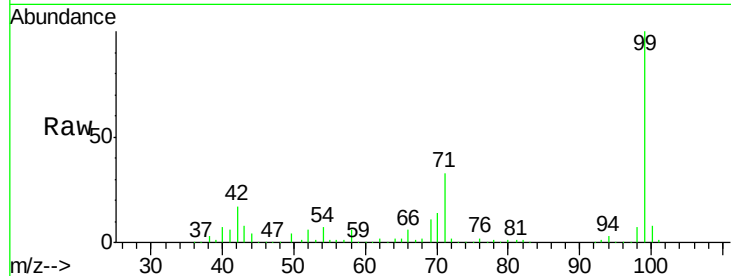
Tgt Ion: 99 Resp: 717950

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

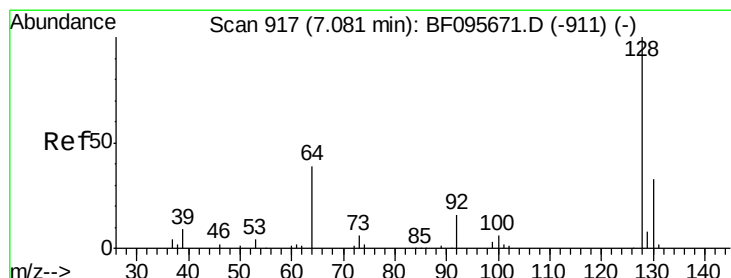
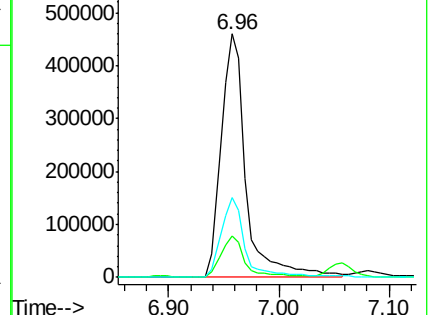
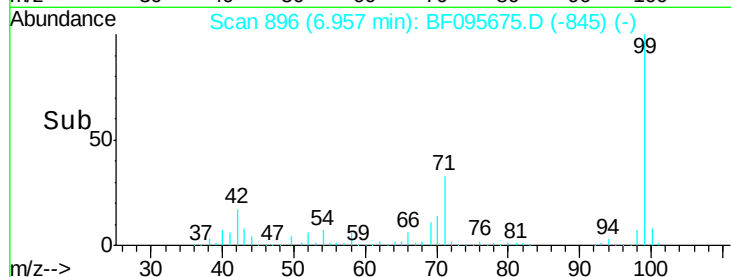
71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.736 ng

RT: 7.08 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

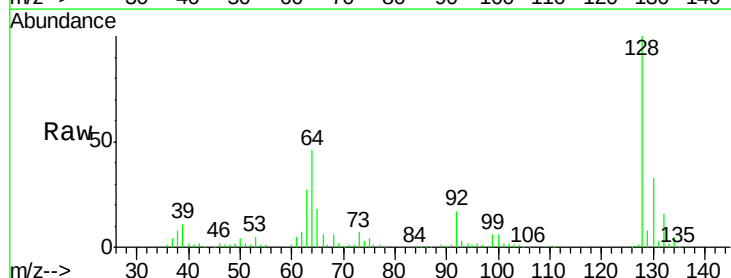
Tgt Ion: 128 Resp: 313888

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

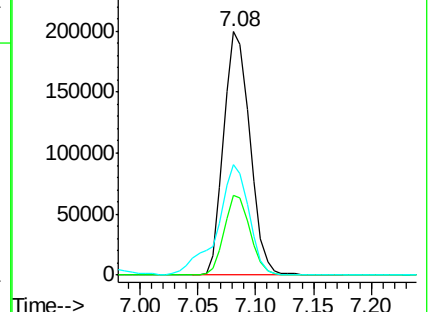
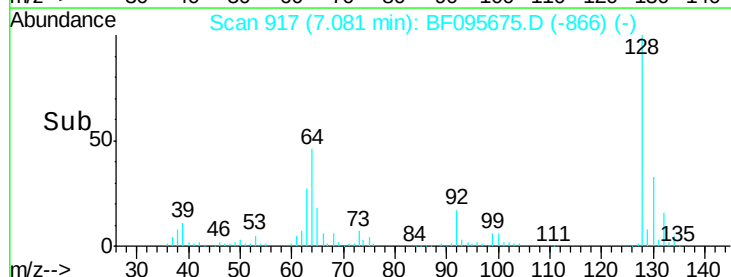
64 45.6 28.4 68.4



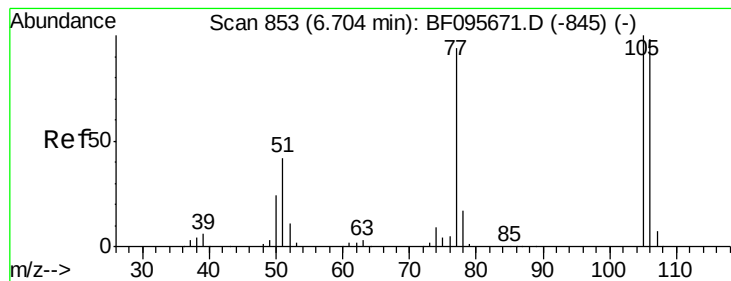
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 43.219 ng

RT: 6.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

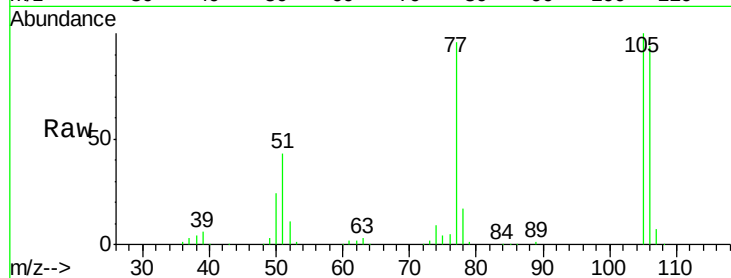
Tgt Ion: 77 Resp: 241093

Ion Ratio Lower Upper

77 100

105 104.0 83.8 123.8

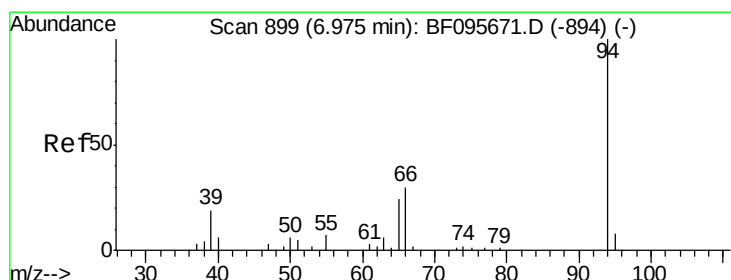
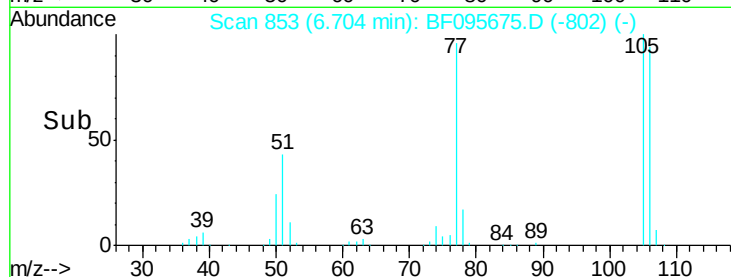
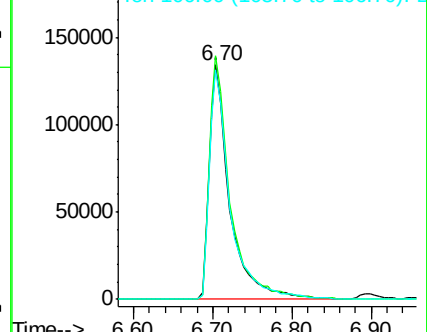
106 98.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.062 ng

RT: 6.97 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

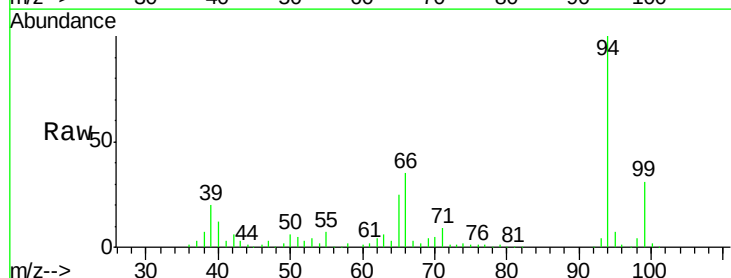
Tgt Ion: 94 Resp: 377993

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

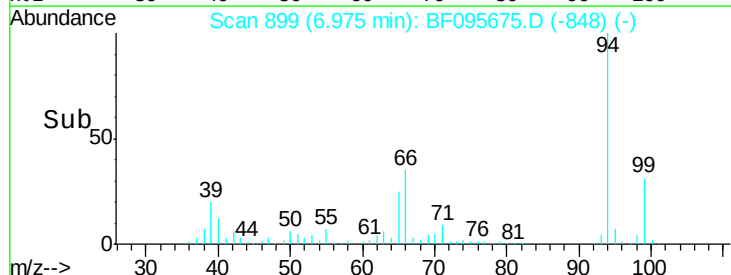
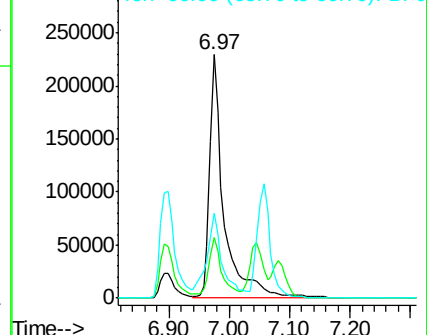
66 35.1 23.1 63.1



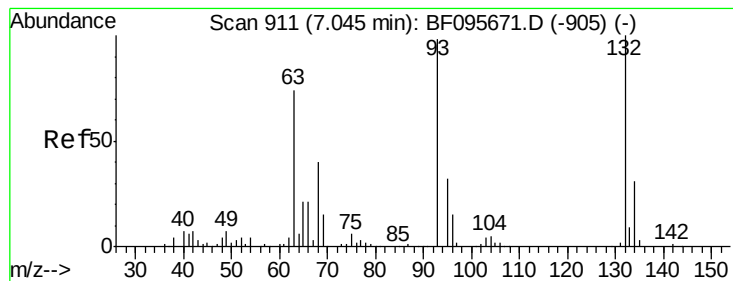
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



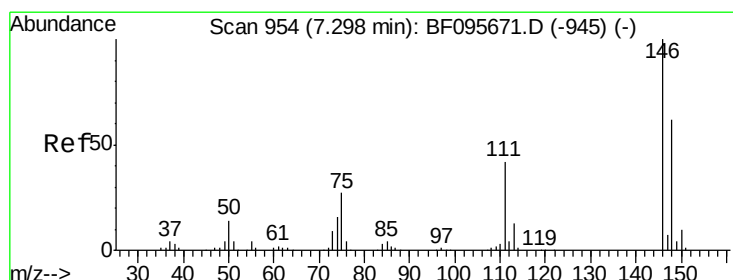
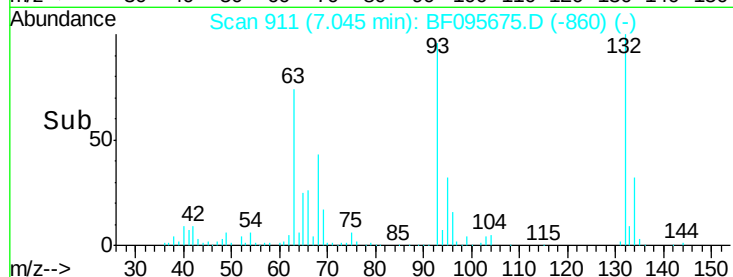
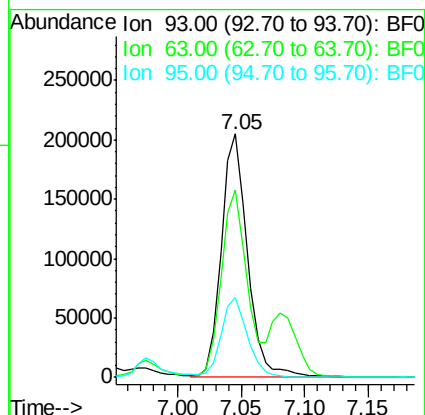
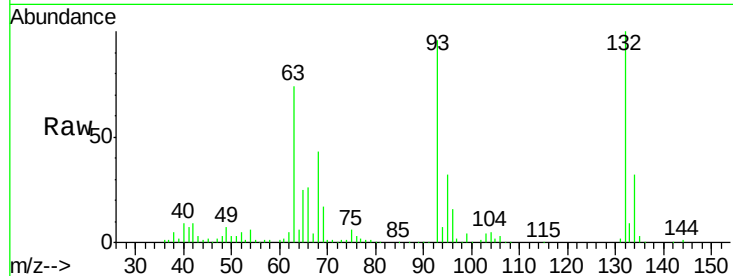




#11  
bis(2-Chloroethyl)ether  
Concen: 42.928 ng  
RT: 7.05 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

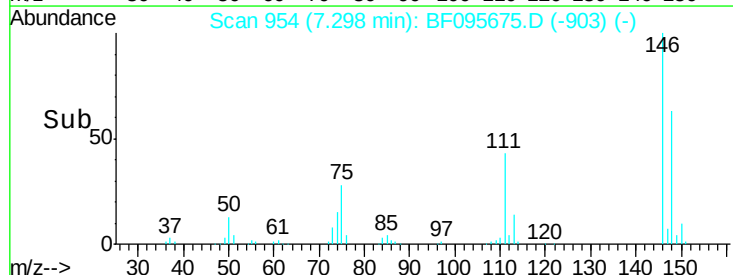
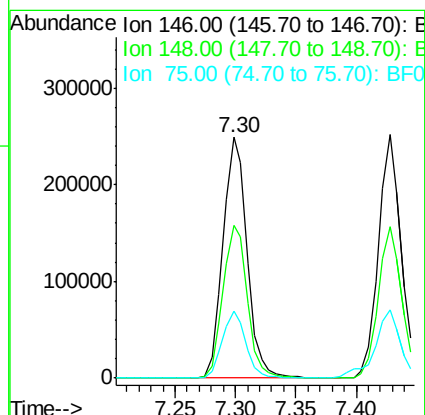
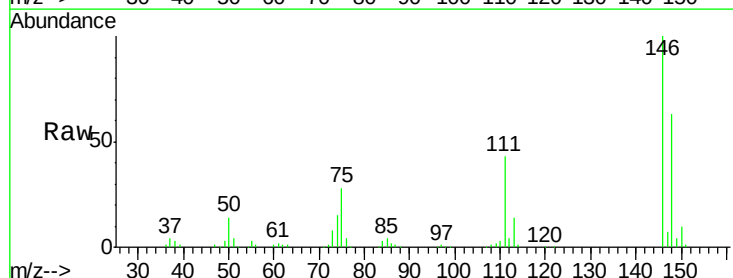
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

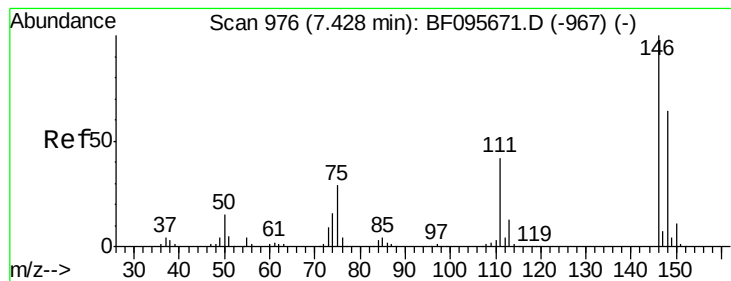
Tgt Ion: 93 Resp: 291731  
Ion Ratio Lower Upper  
93 100  
63 76.9 59.2 99.2  
95 32.8 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 41.180 ng  
RT: 7.30 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion: 146 Resp: 342354  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.8 77.6  
75 27.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.479 ng

RT: 7.43 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

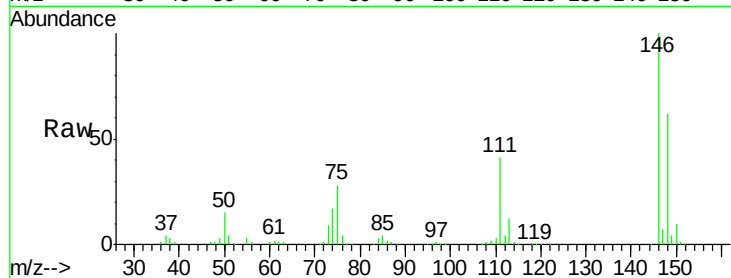
Tgt Ion:146 Resp: 341269

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.2

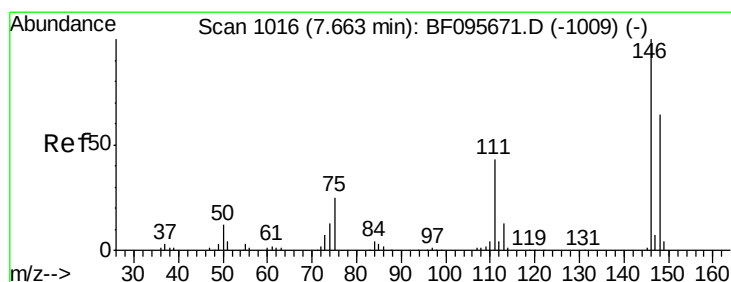
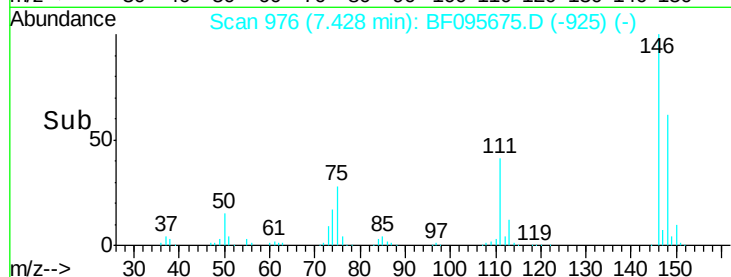
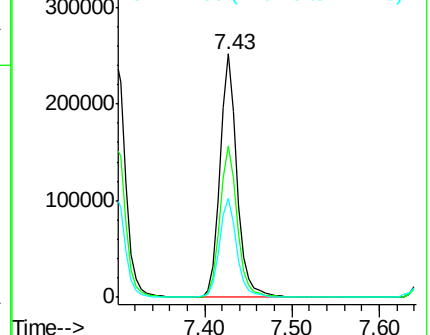
111 40.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.135 ng

RT: 7.66 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

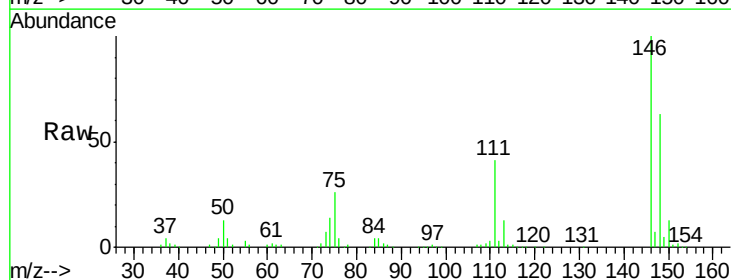
Tgt Ion:146 Resp: 319707

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

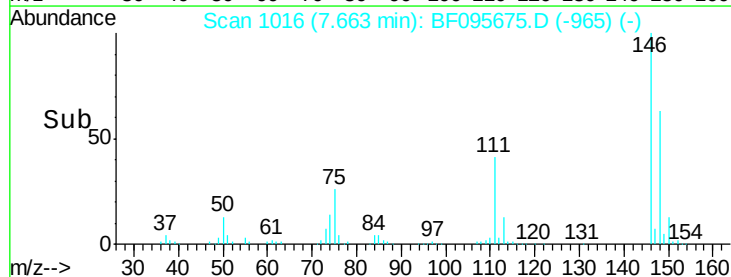
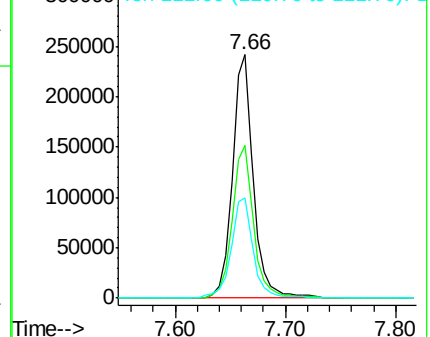
111 41.3 38.2 57.4

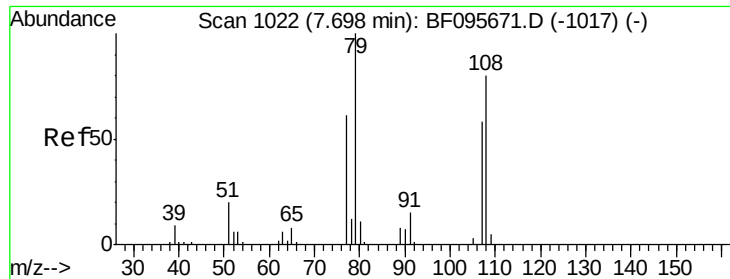


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

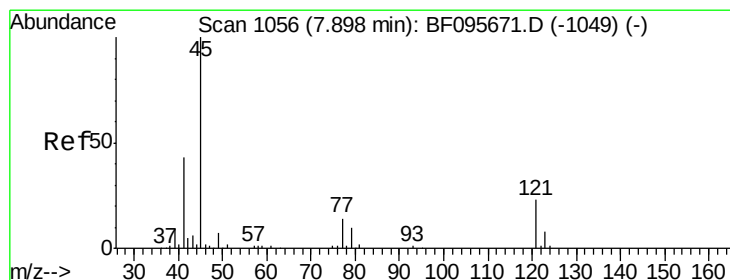
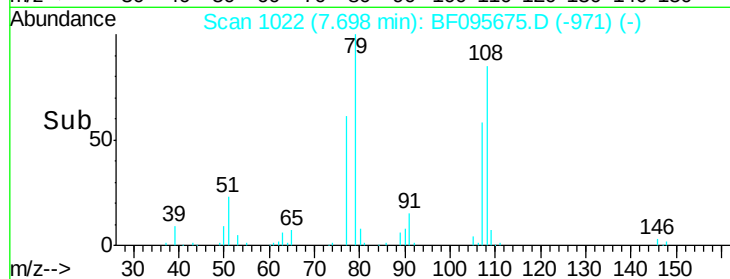
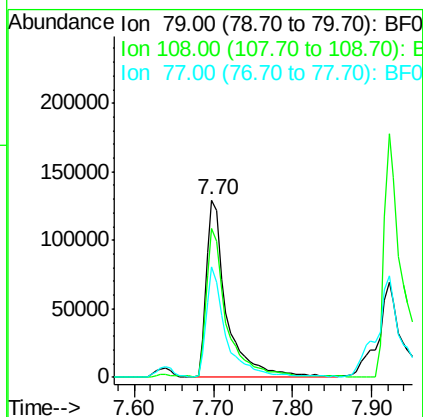
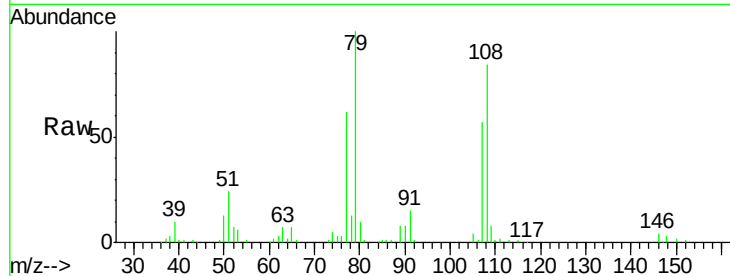




#15  
Benzyl Alcohol  
Concen: 40.835 ng  
RT: 7.70 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

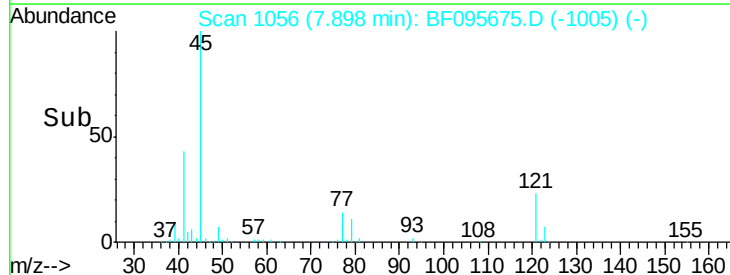
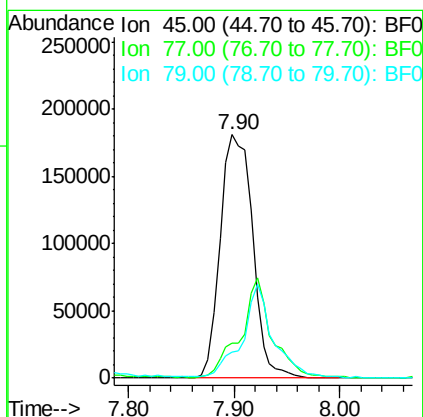
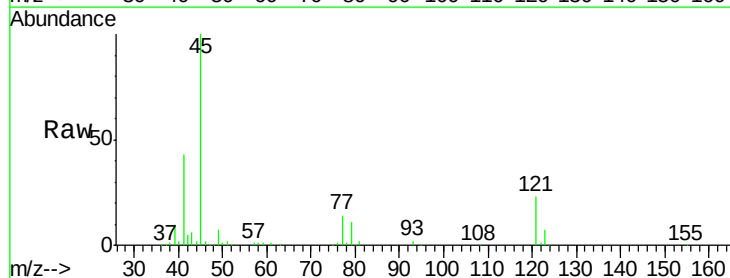
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

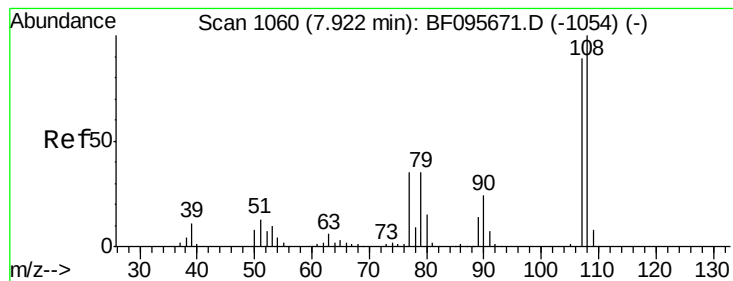
Tgt Ion: 79 Resp: 231784  
Ion Ratio Lower Upper  
79 100  
108 83.8 63.4 95.0  
77 62.1 49.2 73.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.490 ng  
RT: 7.90 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion: 45 Resp: 386605  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 33.2  
79 10.8 0.0 30.0

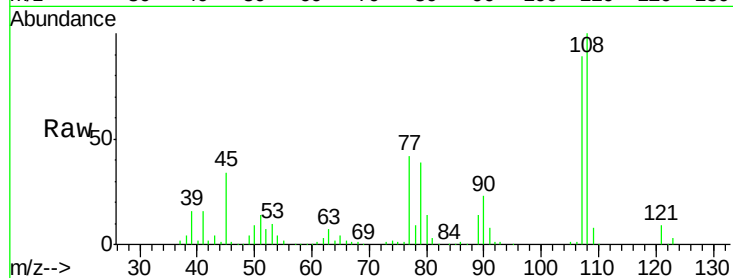




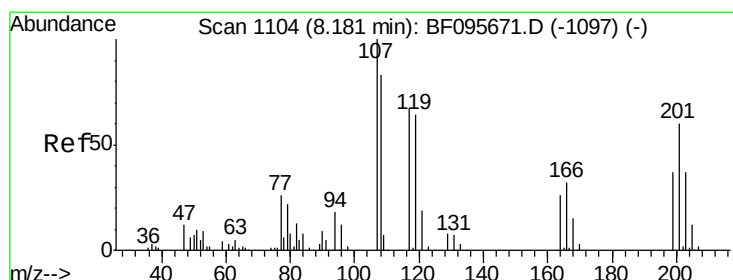
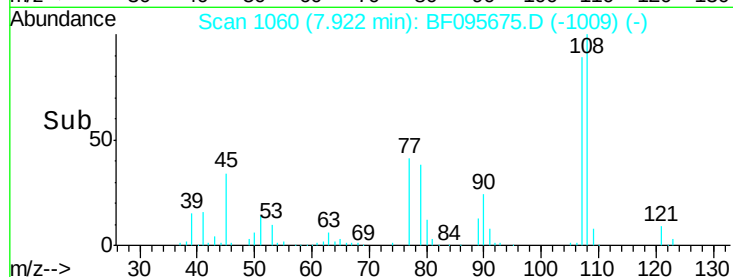
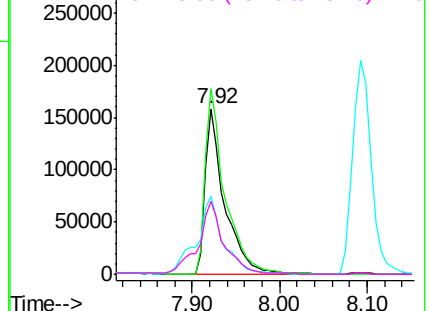
#17  
2-Methylphenol  
Concen: 40.191 ng  
RT: 7.92 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

Tgt Ion:107 Resp: 247735  
Ion Ratio Lower Upper  
107 100  
108 112.3 93.4 140.0  
77 47.1 35.8 53.6  
79 44.1 34.8 52.2

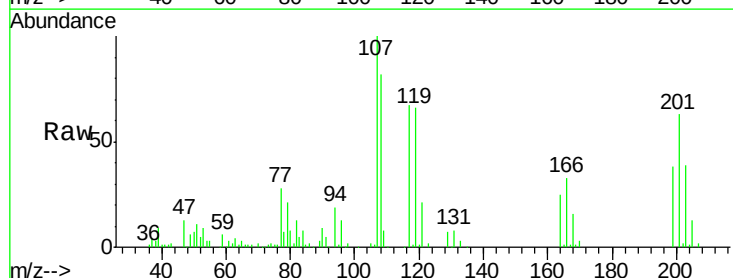


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

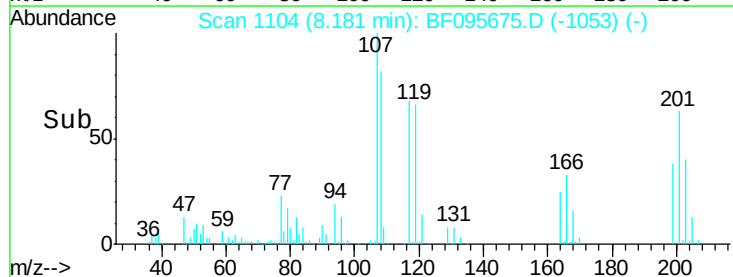
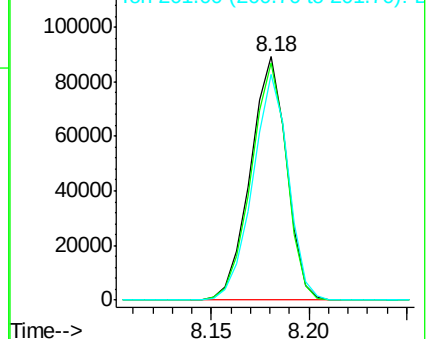


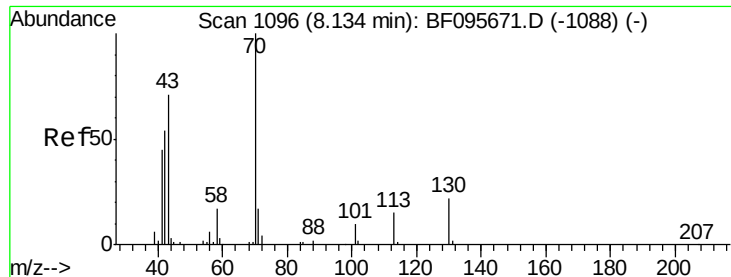
#18  
Hexachloroethane  
Concen: 41.150 ng  
RT: 8.18 min Scan# 1104  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:117 Resp: 114580  
Ion Ratio Lower Upper  
117 100  
119 97.6 77.4 116.0  
201 92.9 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

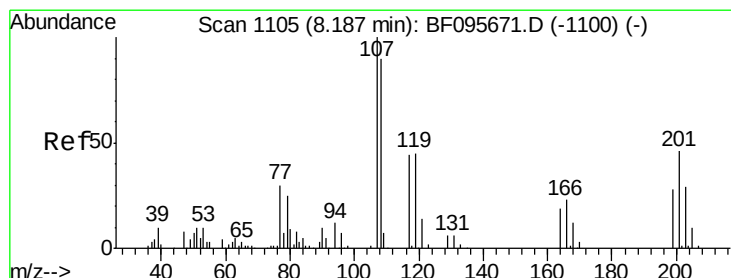
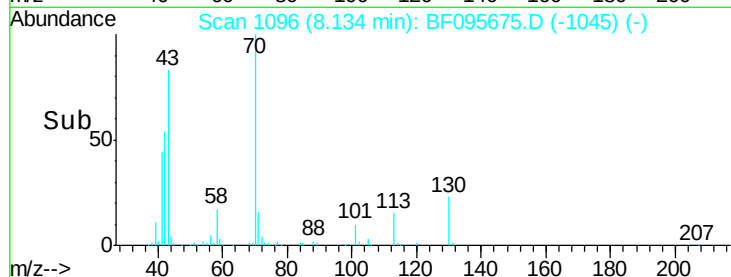
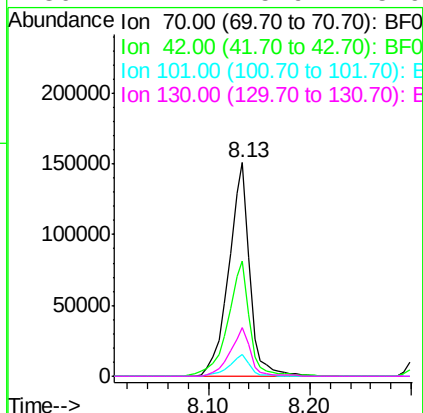
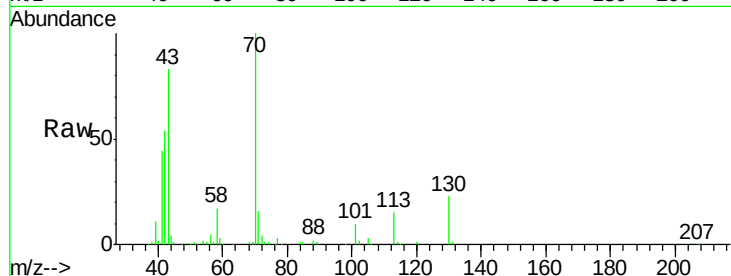




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.149 ng  
RT: 8.13 min Scan# 1096  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

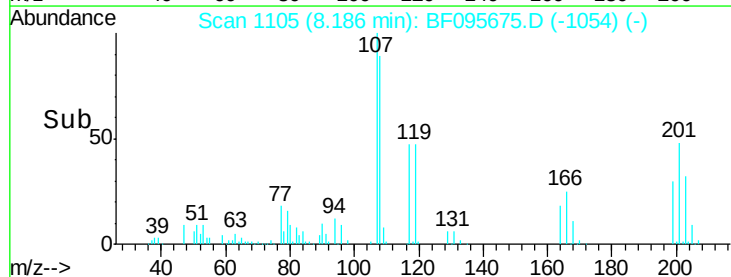
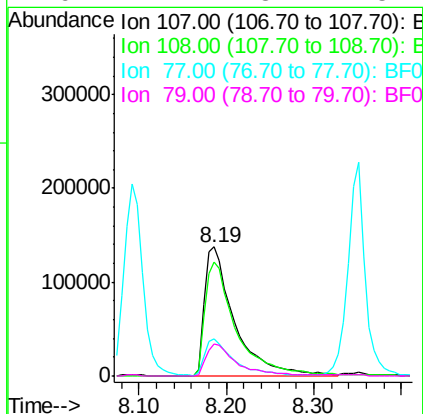
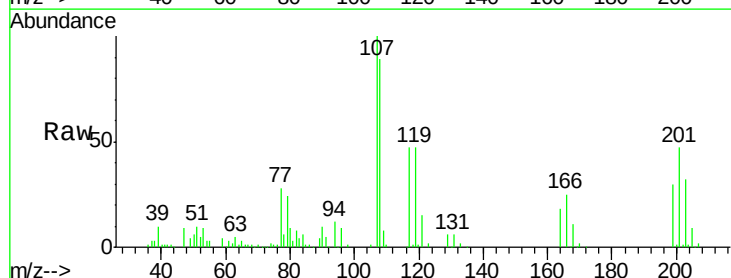
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

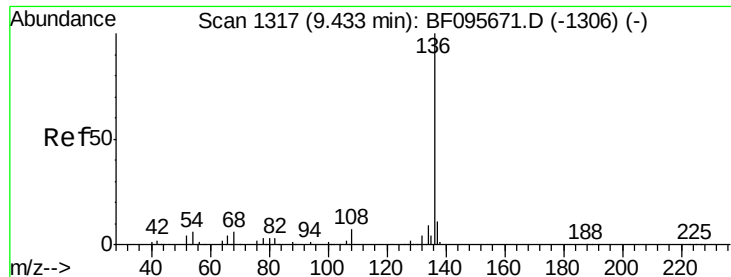
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 215653 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.0  | 47.2  | 70.8   |
| 101      | 10.2  | 7.2   | 10.8   |
| 130      | 22.7  | 15.9  | 23.9   |



#20  
3+4-Methylphenols  
Concen: 41.898 ng  
RT: 8.19 min Scan# 1105  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 327824 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 71.0  | 111.0  |
| 77       | 28.4  | 90.5  | 130.5# |
| 79       | 24.4  | 8.4   | 48.4   |

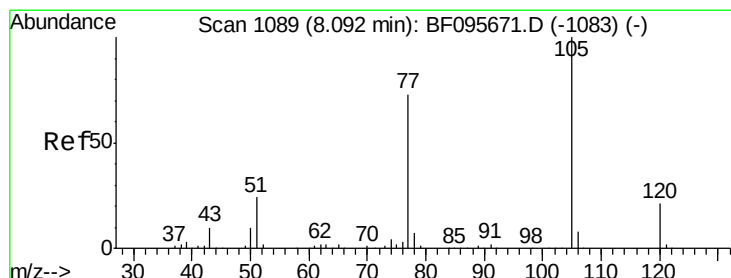
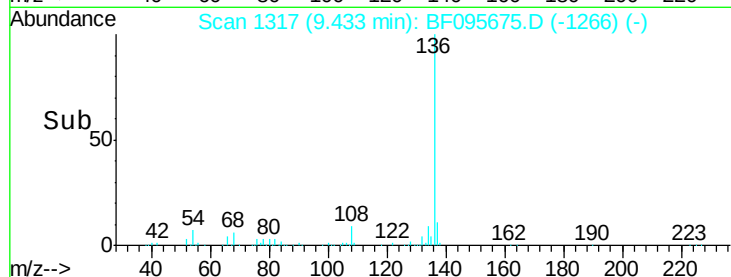
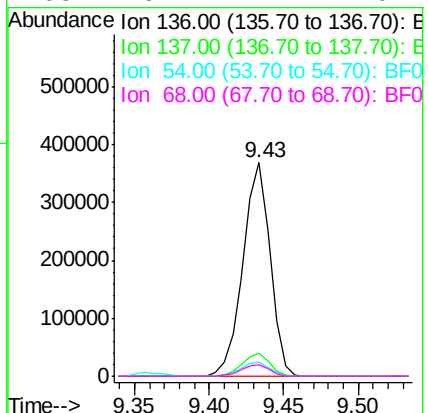
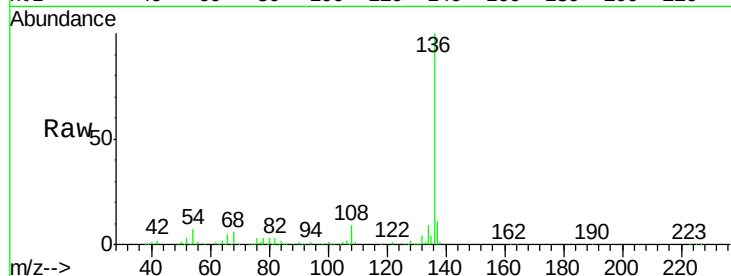




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 9.43 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

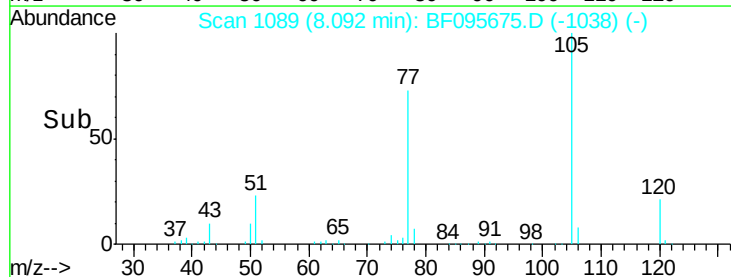
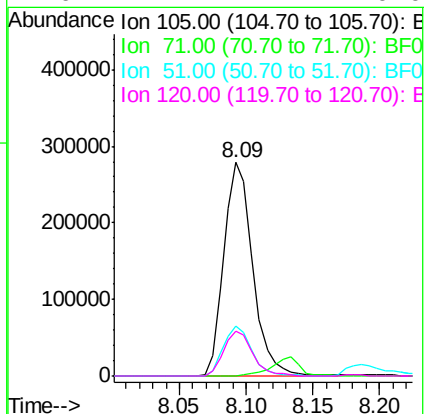
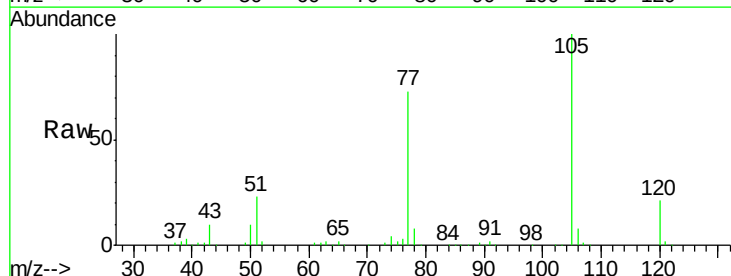
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

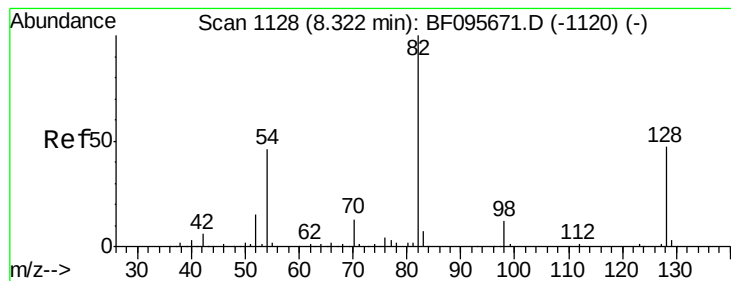
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 465372 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.5   | 12.7   |
| 54       | 6.9   | 4.9   | 7.3    |
| 68       | 5.7   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 39.013 ng  
RT: 8.09 min Scan# 1089  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 424946 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.0   | 2.8   | 4.2#   |
| 51       | 23.1  | 30.7  | 46.1#  |
| 120      | 21.2  | 17.4  | 26.0   |





#23

Nitrobenzene-d5

Concen: 78.143 ng

RT: 8.32 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

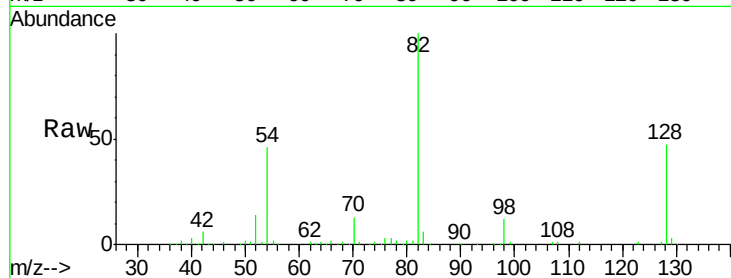
Tgt Ion: 82 Resp: 585554

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

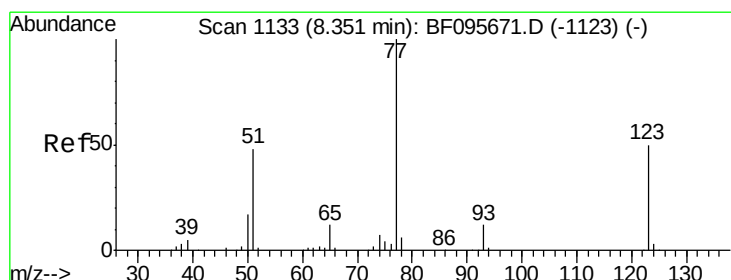
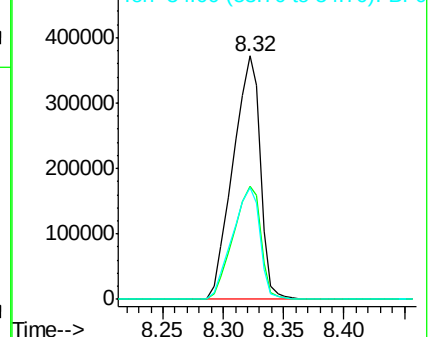
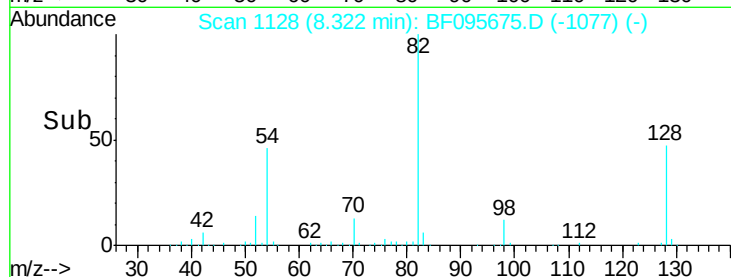
54 46.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.109 ng

RT: 8.35 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

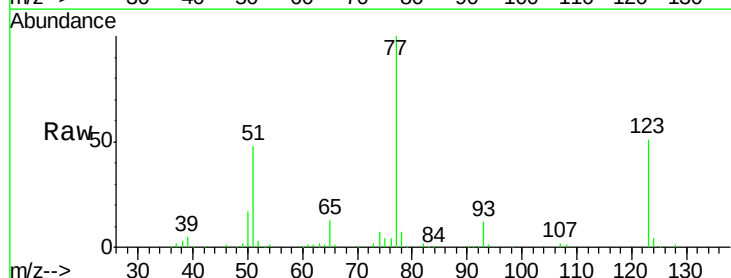
Tgt Ion: 77 Resp: 313051

Ion Ratio Lower Upper

77 100

123 50.9 35.8 53.8

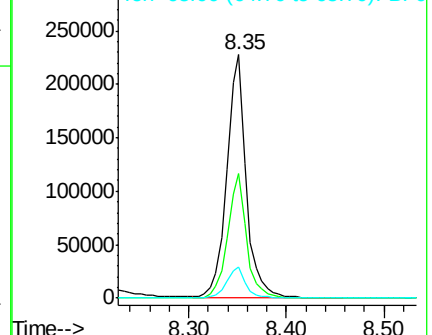
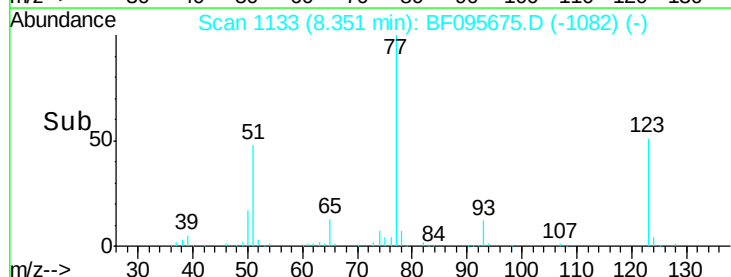
65 12.8 10.6 15.8



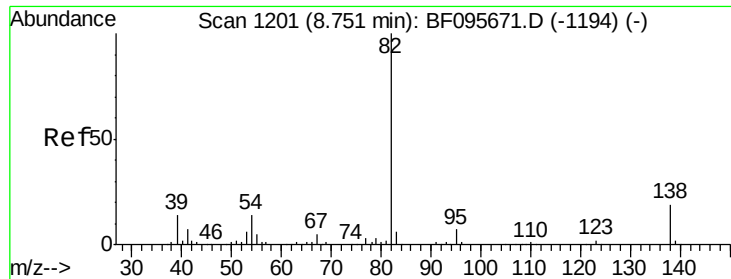
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 38.911 ng

RT: 8.75 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

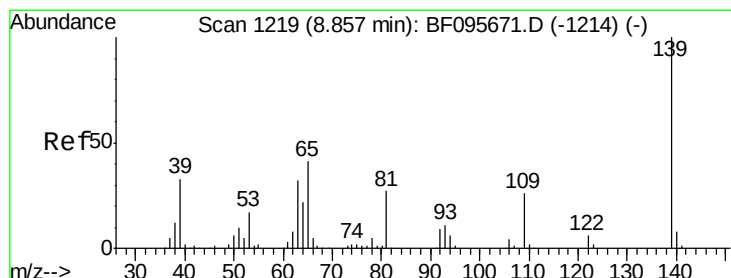
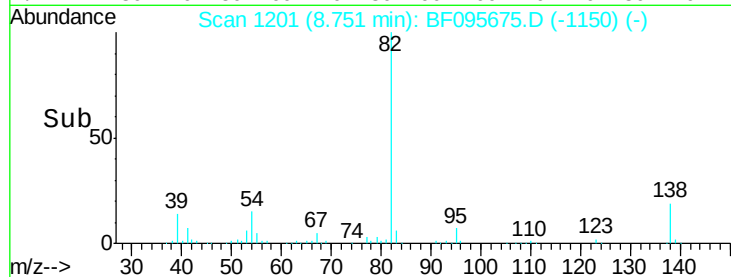
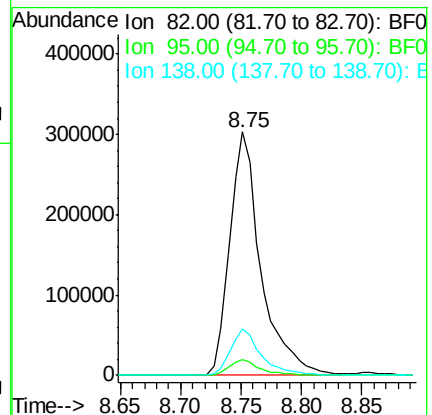
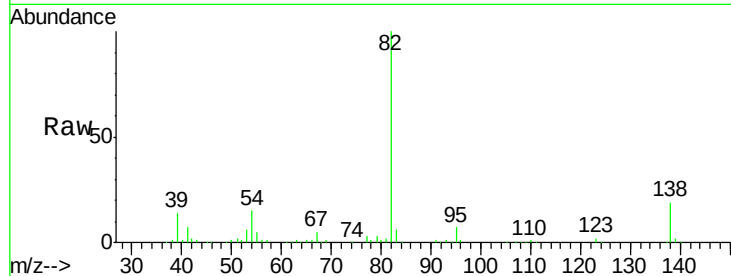
Tgt Ion: 82 Resp: 544433

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 40.864 ng

RT: 8.86 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

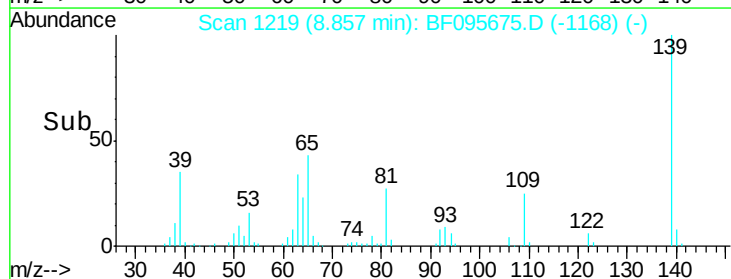
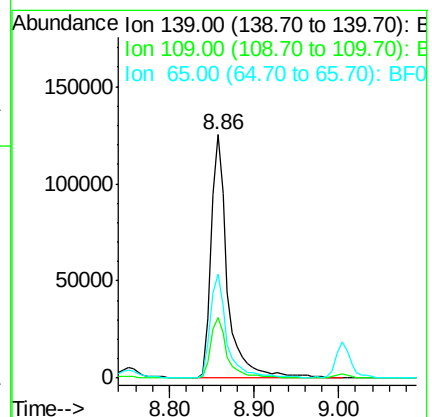
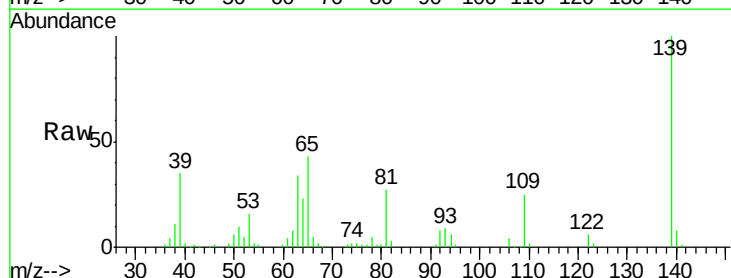
Tgt Ion: 139 Resp: 171282

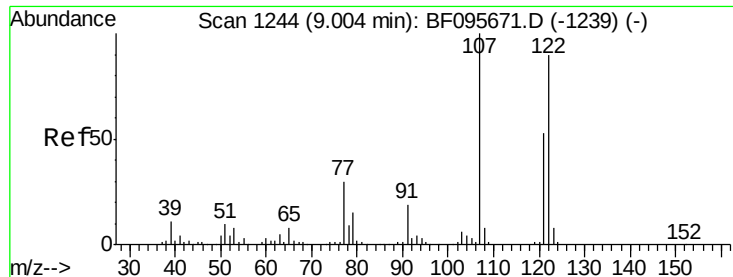
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 42.7 33.0 49.6

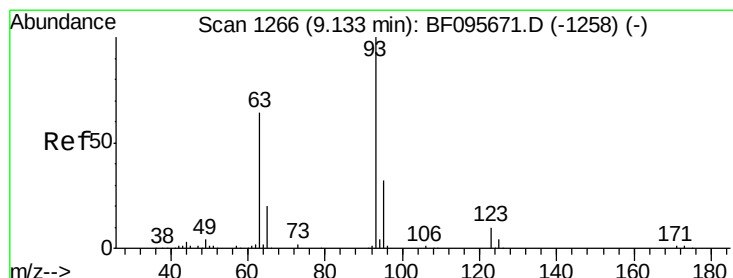
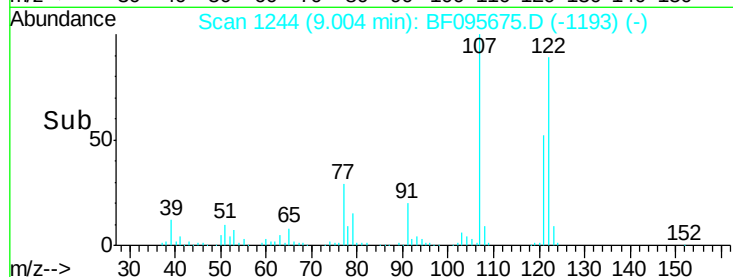
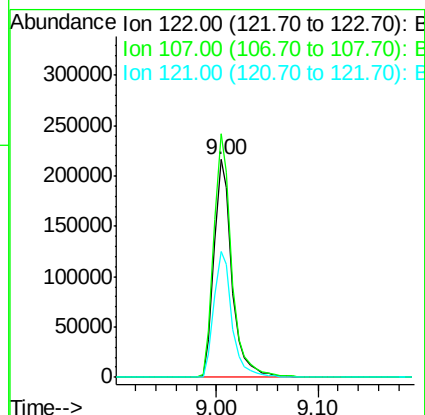
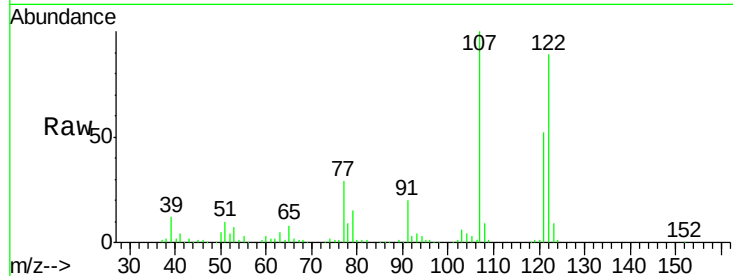




#27  
2,4-Dimethylphenol  
Concen: 41.047 ng  
RT: 9.00 min Scan# 1244  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

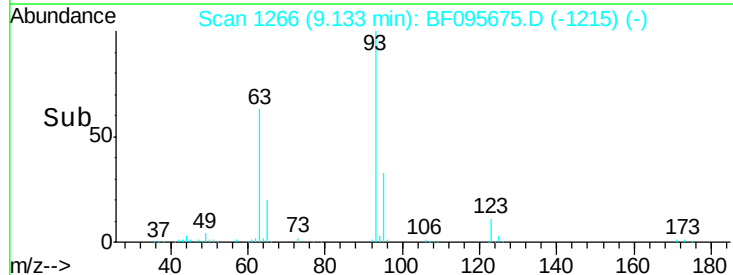
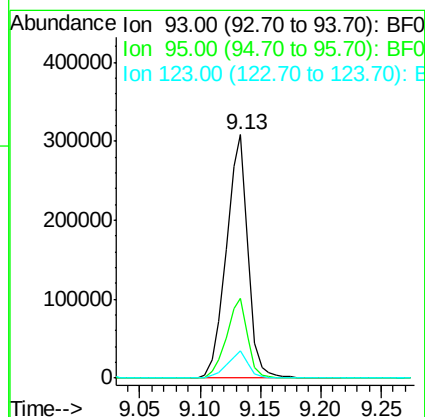
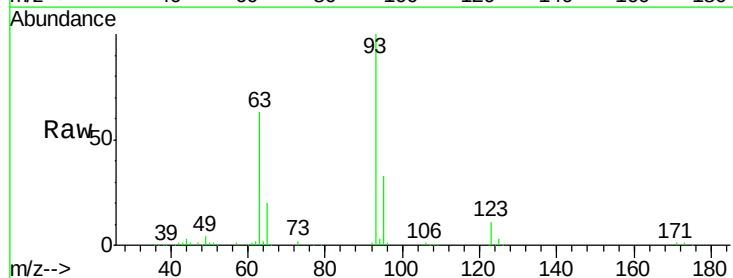
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

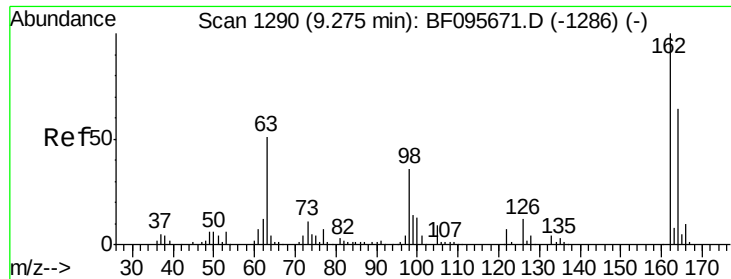
Tgt Ion:122 Resp: 267003  
Ion Ratio Lower Upper  
122 100  
107 112.0 89.2 133.8  
121 57.8 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.138 ng  
RT: 9.13 min Scan# 1266  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion: 93 Resp: 379411  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.5 39.7  
123 11.1 9.0 13.4

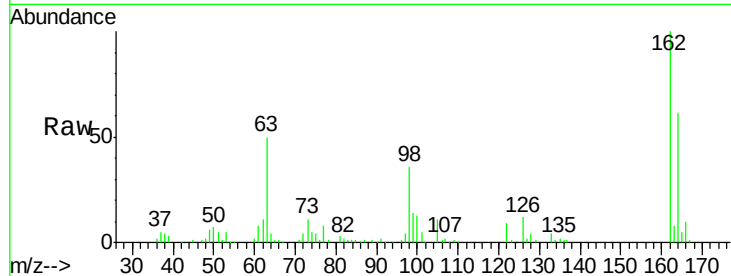




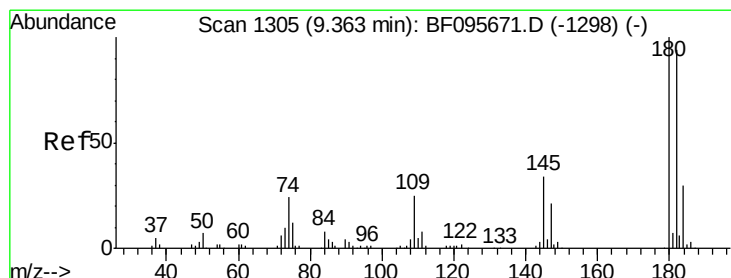
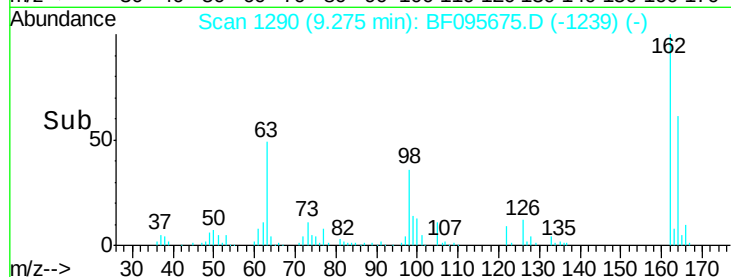
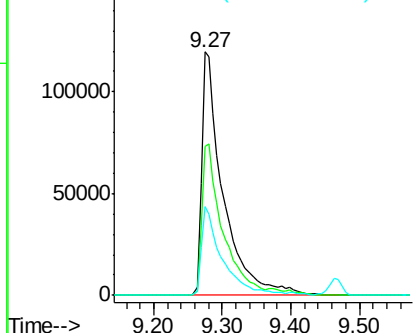
#29  
 2,4-Dichlorophenol  
 Concen: 41.707 ng  
 RT: 9.27 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.1  | 44.6  | 84.6  |
| 98      | 36.5  | 14.8  | 54.8  |

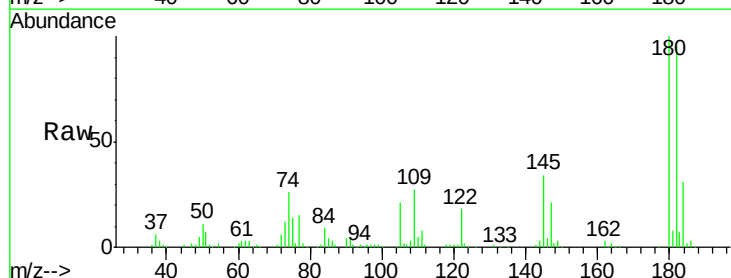


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

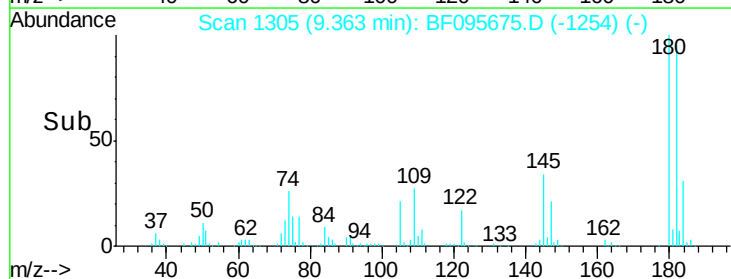
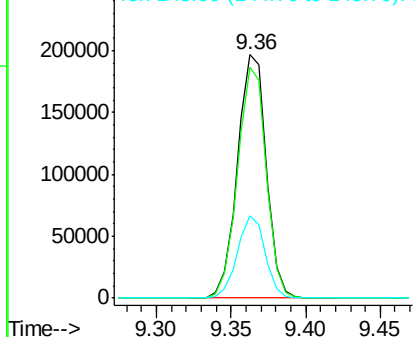


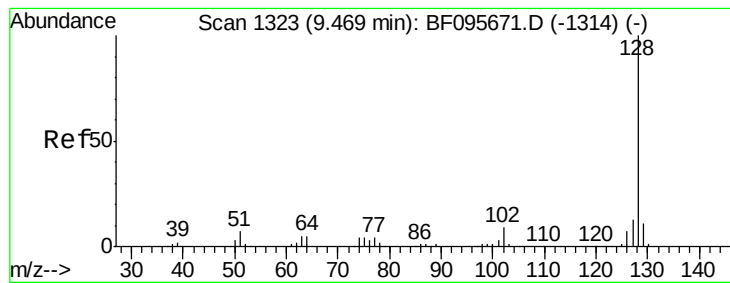
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.537 ng  
 RT: 9.36 min Scan# 1305  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 75.8  | 113.6 |
| 145     | 34.0  | 25.3  | 37.9  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.589 ng

RT: 9.47 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

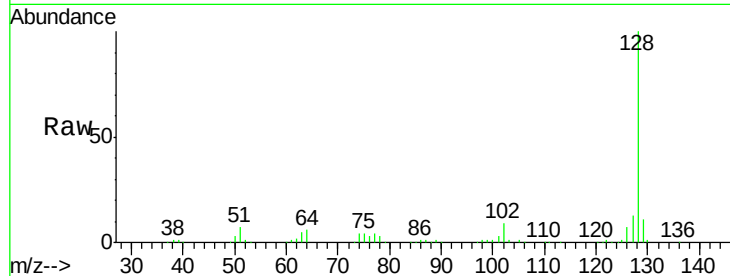
Tgt Ion:128 Resp: 901255

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

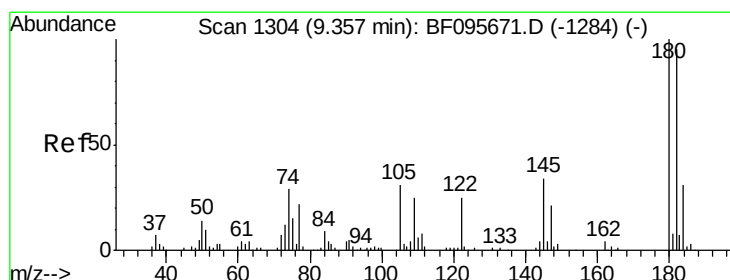
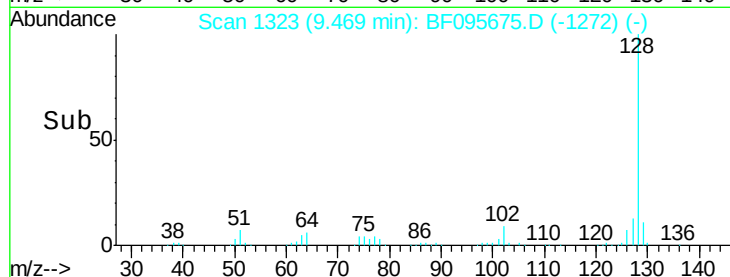
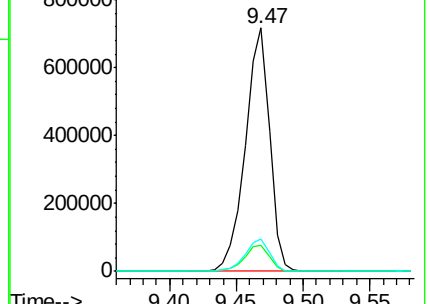
127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 39.506 ng

RT: 9.36 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

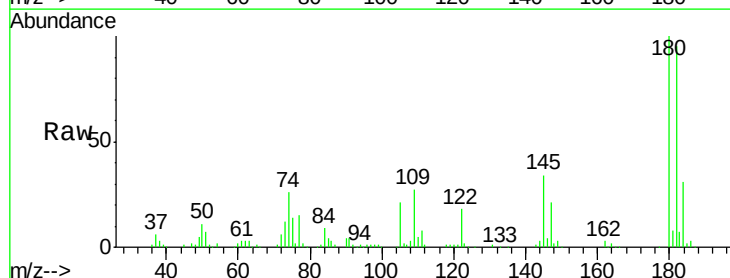
Tgt Ion:122 Resp: 156486

Ion Ratio Lower Upper

122 100

105 114.8 103.3 143.3

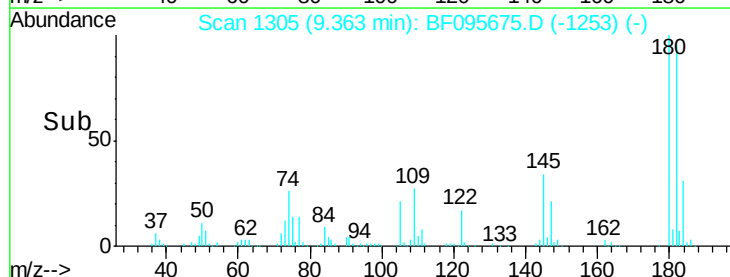
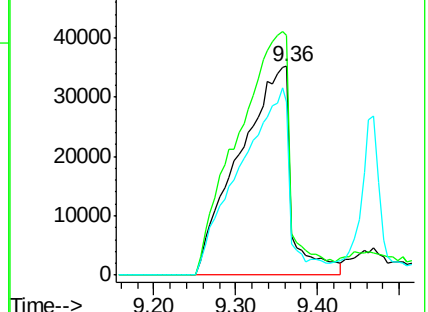
77 82.7 73.7 113.7

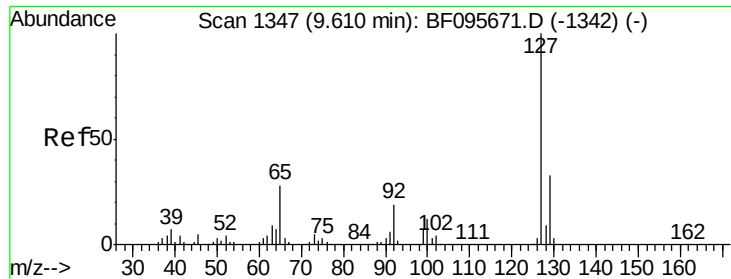


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

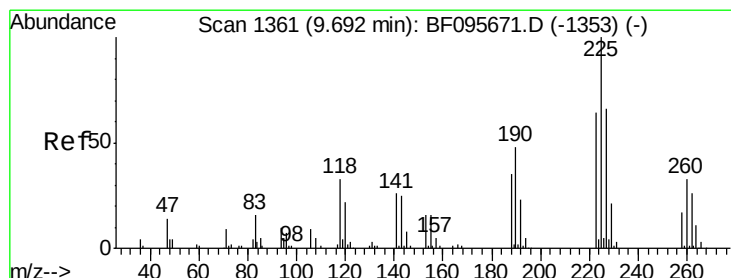
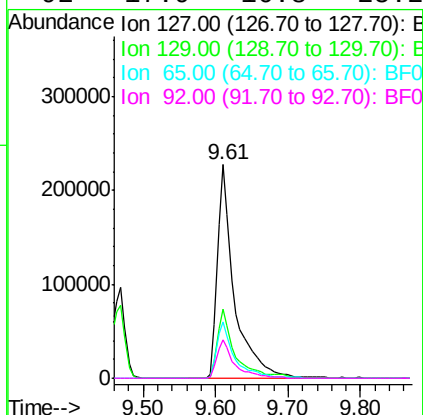
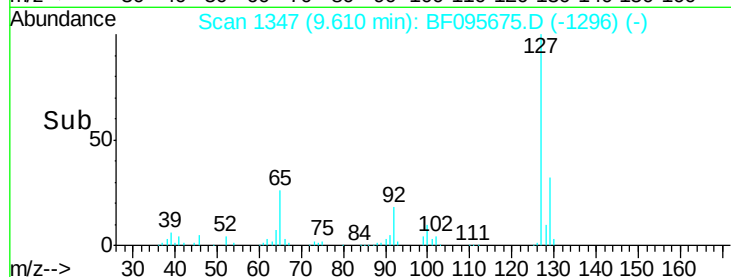
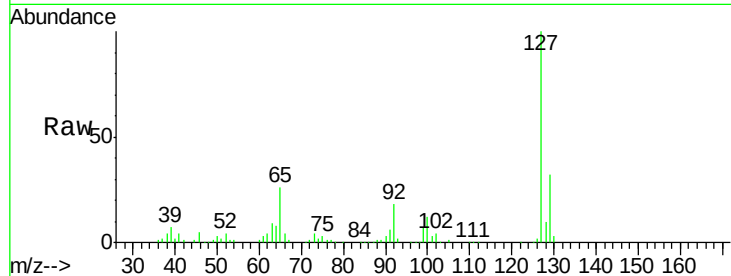




#33  
4-Chloroaniline  
Concen: 40.679 ng  
RT: 9.61 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

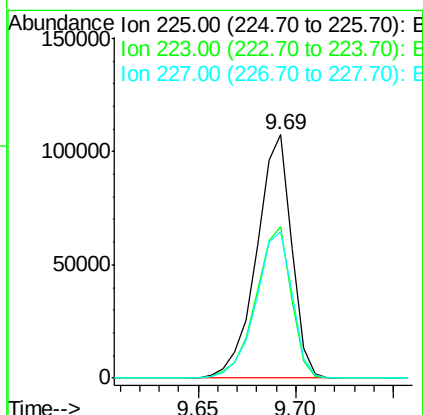
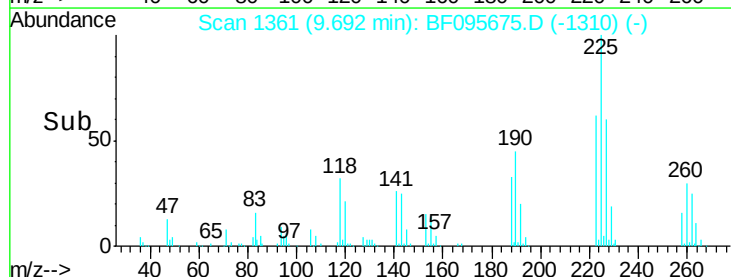
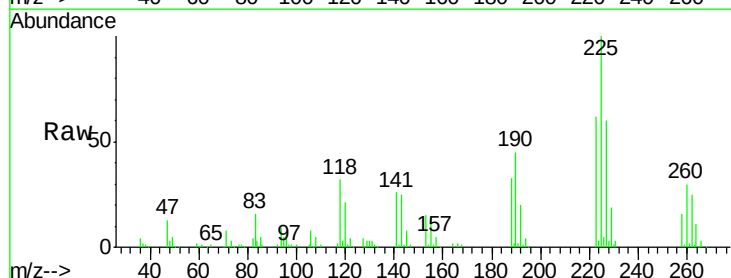
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

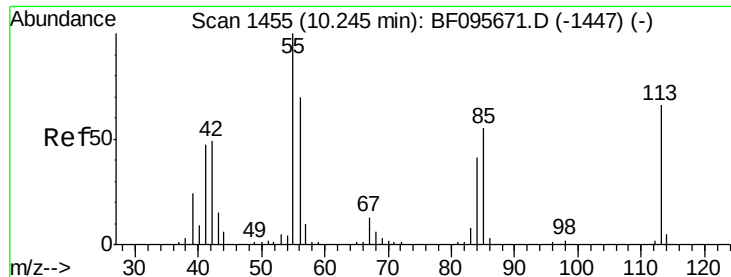
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 371345 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.2  | 39.2   |
| 65       | 26.5  | 27.8  | 41.8#  |
| 92       | 17.9  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 39.444 ng  
RT: 9.69 min Scan# 1361  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 132858 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 48.8  | 73.2   |
| 227      | 60.4  | 51.1  | 76.7   |

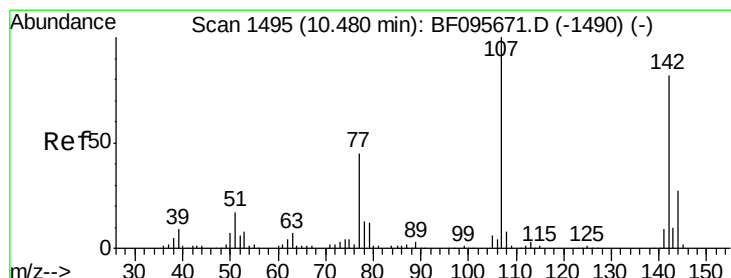
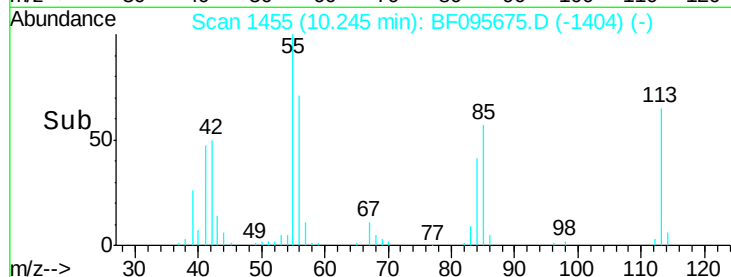
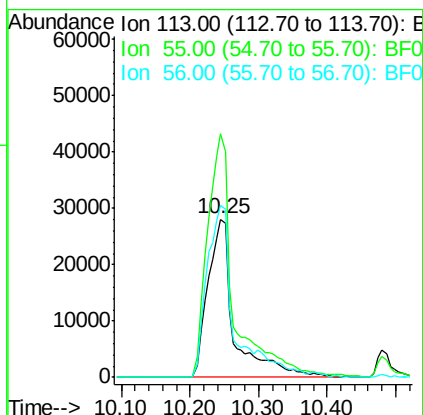
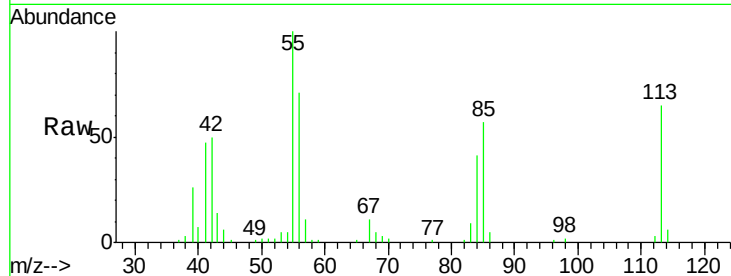




#35  
 Caprolactam  
 Concen: 40.375 ng  
 RT: 10.25 min Scan# 1455  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

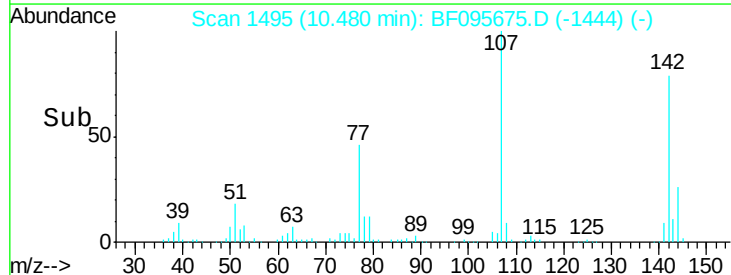
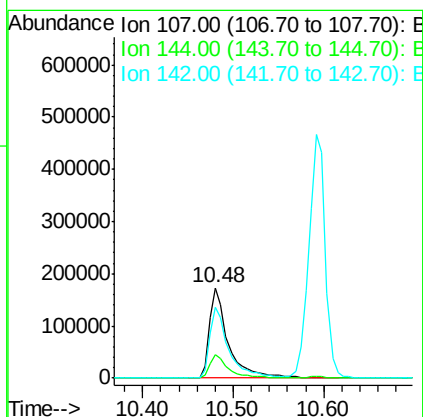
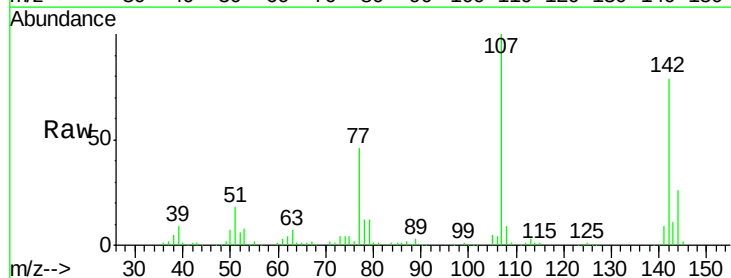
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

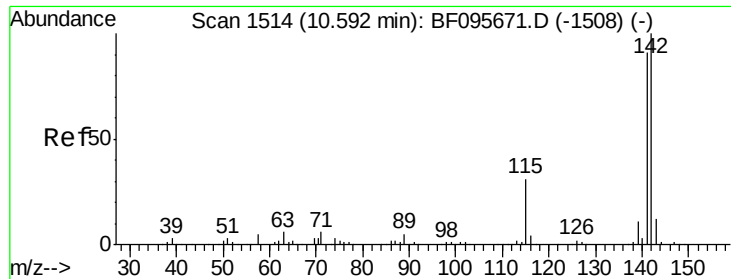
Tgt Ion:113 Resp: 75264  
 Ion Ratio Lower Upper  
 113 100  
 55 153.8 150.2 190.2  
 56 108.5 107.8 147.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.554 ng  
 RT: 10.48 min Scan# 1495  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:107 Resp: 252833  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 24.2 36.4  
 142 78.8 73.4 110.0

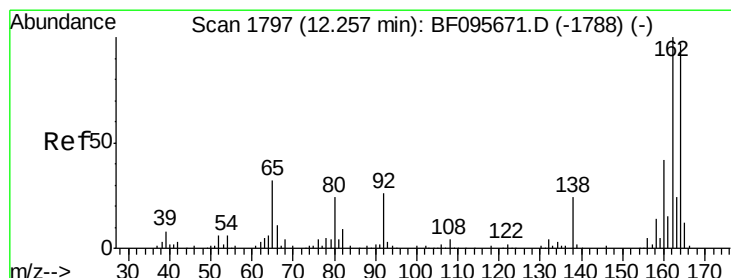
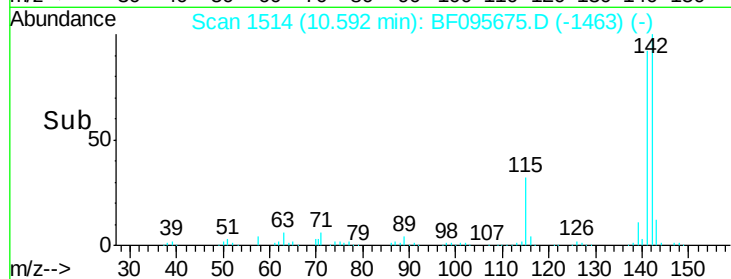
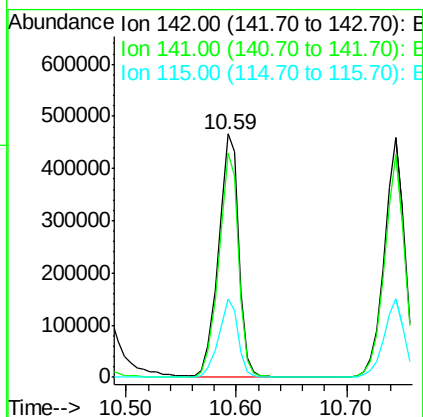
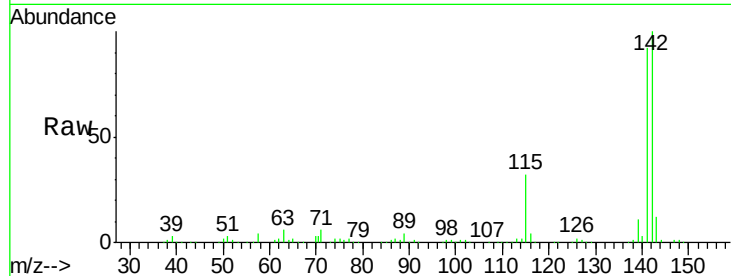




#37  
 2-Methylnaphthalene  
 Concen: 37.796 ng  
 RT: 10.59 min Scan# 1514  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

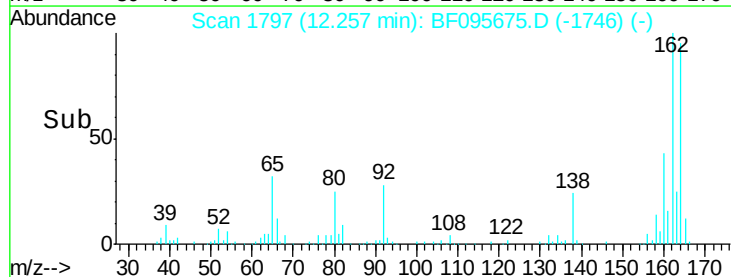
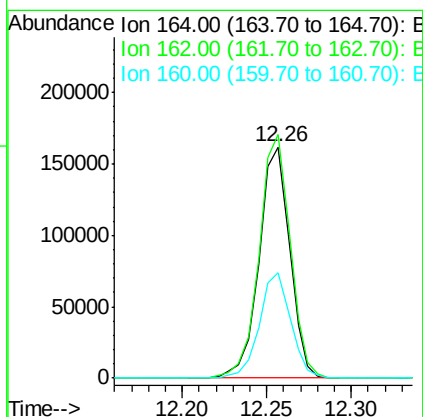
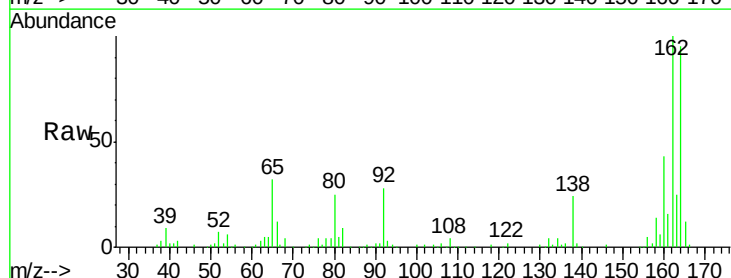
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

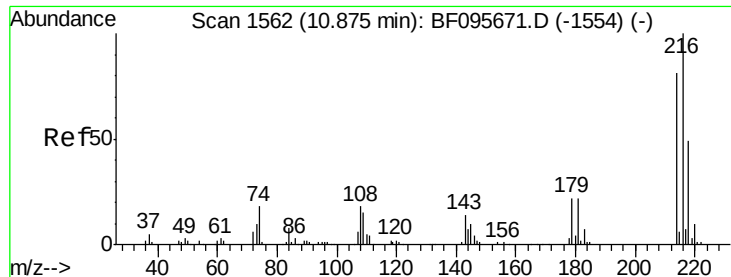
Tgt Ion:142 Resp: 596433  
 Ion Ratio Lower Upper  
 142 100  
 141 92.2 71.3 106.9  
 115 32.1 27.1 40.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 12.26 min Scan# 1797  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:164 Resp: 205053  
 Ion Ratio Lower Upper  
 164 100  
 162 105.4 82.6 123.8  
 160 45.4 36.2 54.2

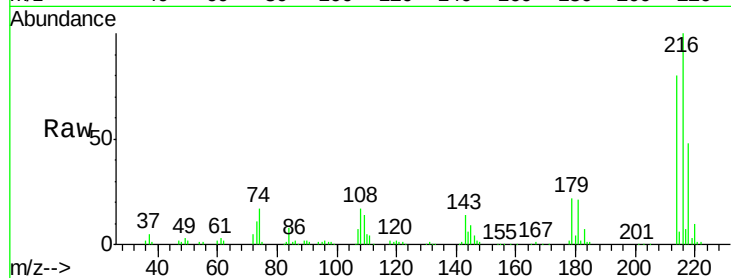




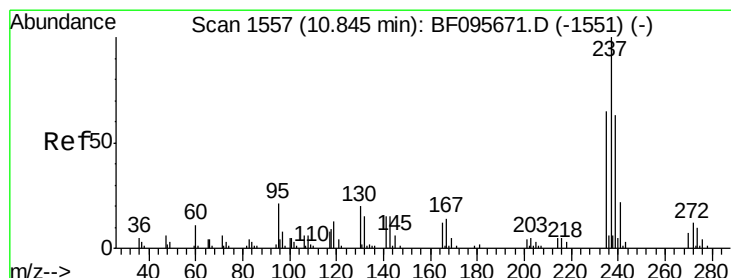
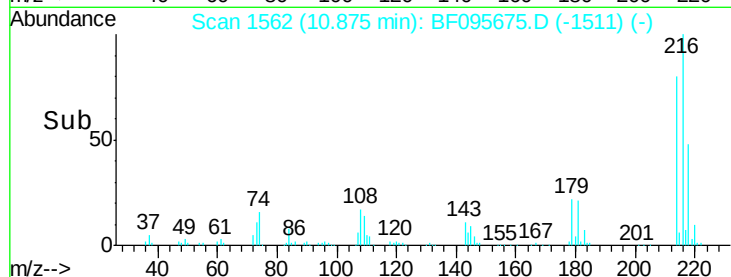
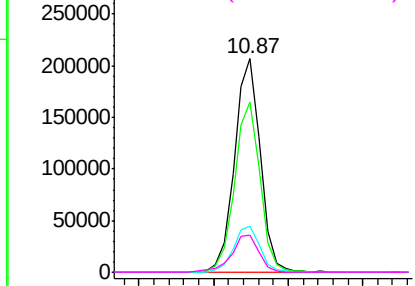
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.679 ng  
 RT: 10.87 min Scan# 1562  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 249643 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.9  | 63.4  | 95.2   |
| 179      | 22.0  | 17.9  | 26.9   |
| 108      | 18.8  | 16.5  | 24.7   |

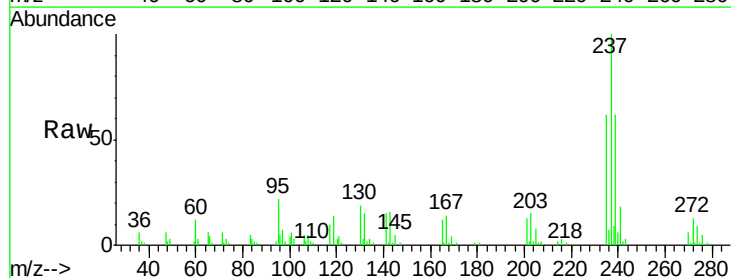


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

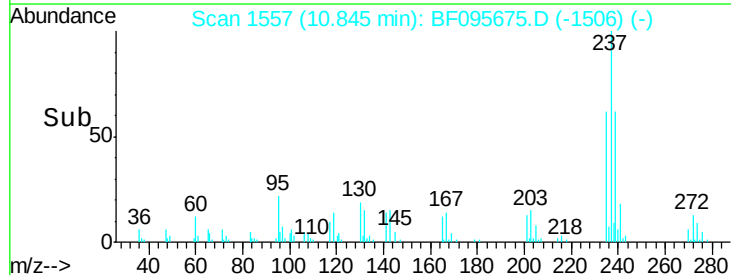
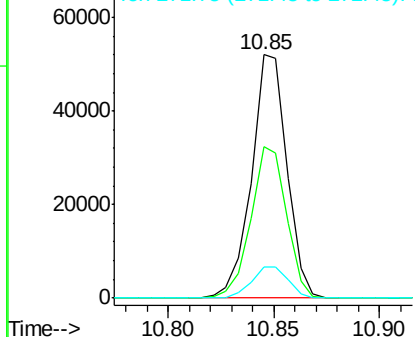


#40  
 Hexachlorocyclopentadiene  
 Concen: 38.431 ng  
 RT: 10.85 min Scan# 1557  
 Delta R.T. 0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

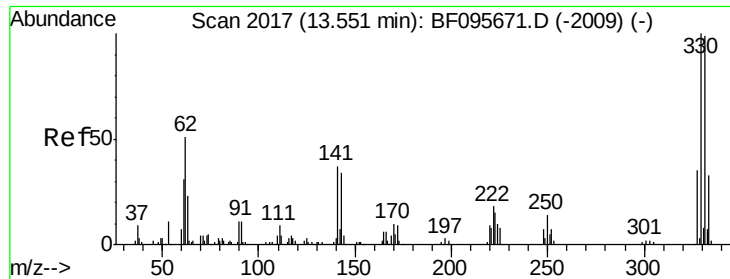
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 60852 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 62.2  | 42.6  | 82.6  |
| 272      | 12.6  | 0.0   | 31.9  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



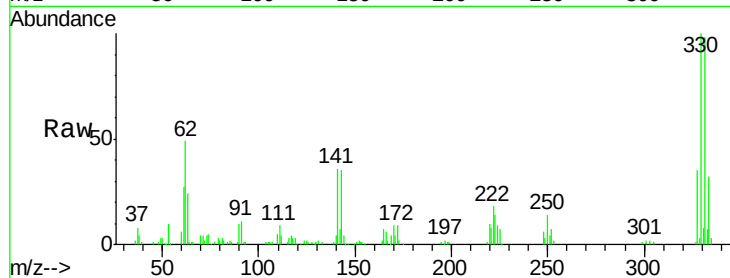




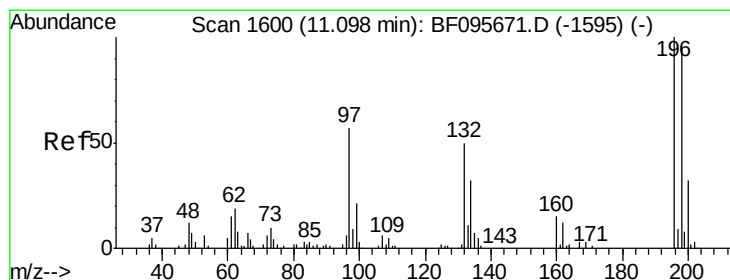
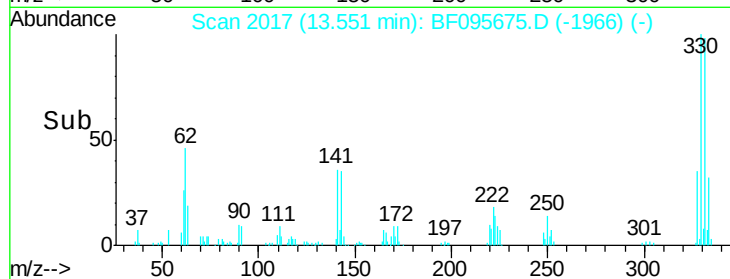
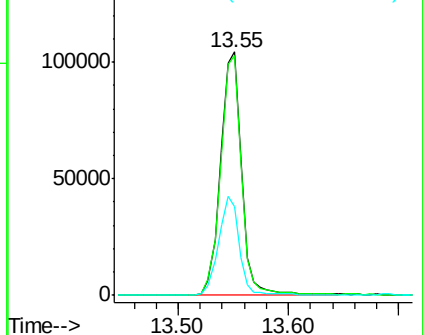
#41  
 2,4,6-Tribromophenol  
 Concen: 77.040 ng  
 RT: 13.55 min Scan# 2017  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

Tgt Ion:330 Resp: 139770  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 76.6 115.0  
 141 39.9 31.4 47.2

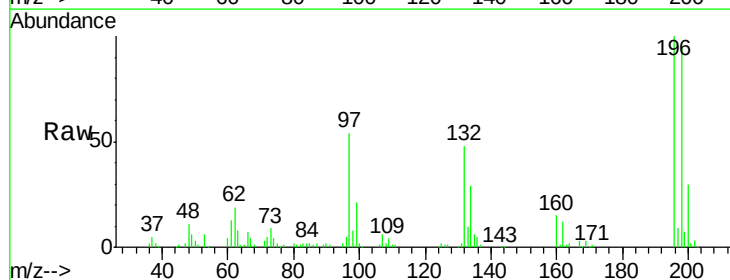


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

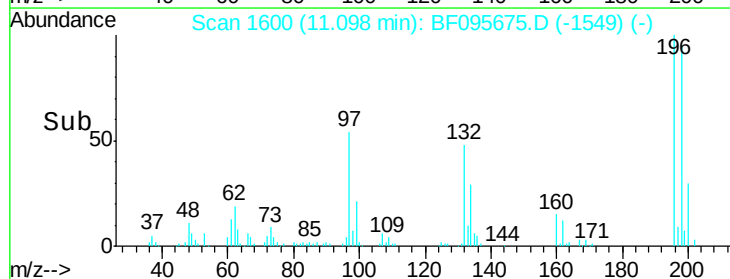
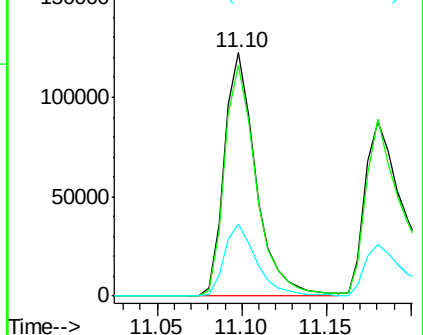


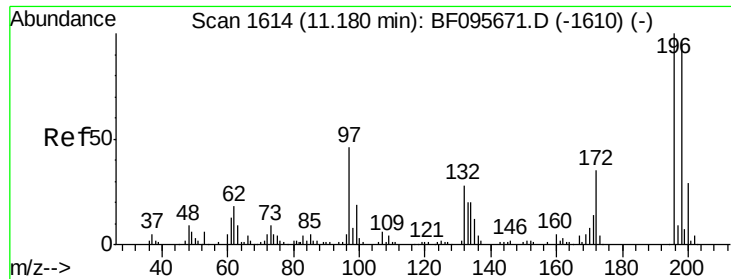
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.548 ng  
 RT: 11.10 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:196 Resp: 159989  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 74.2 111.4  
 200 29.6 24.0 36.0



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

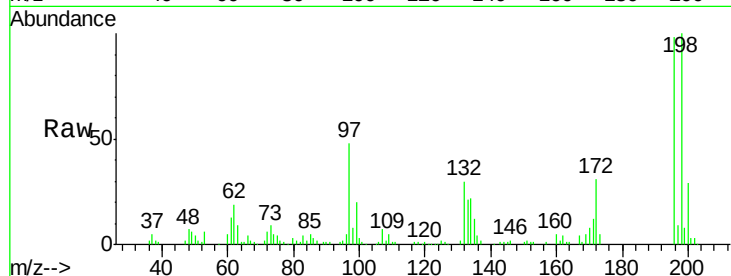




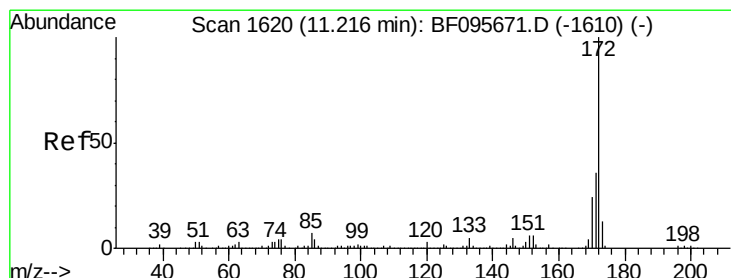
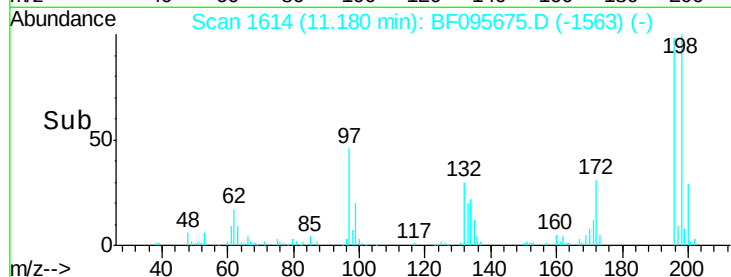
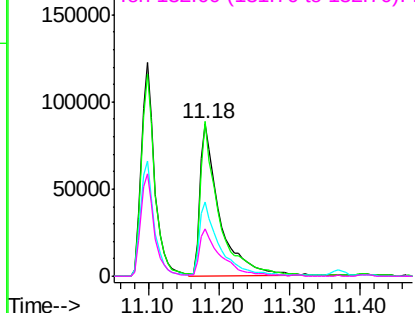
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.583 ng  
 RT: 11.18 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

Tgt Ion:196 Resp: 170323  
 Ion Ratio Lower Upper  
 196 100  
 198 101.7 75.7 113.5  
 97 48.7 47.7 71.5  
 132 30.8 28.0 42.0

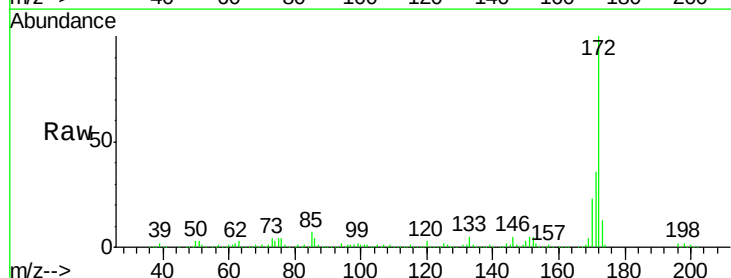


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

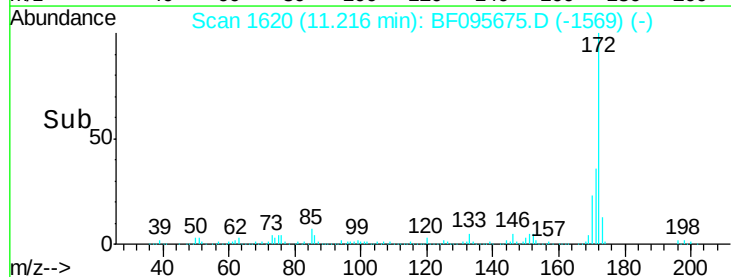
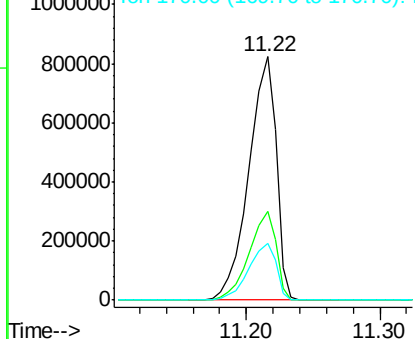


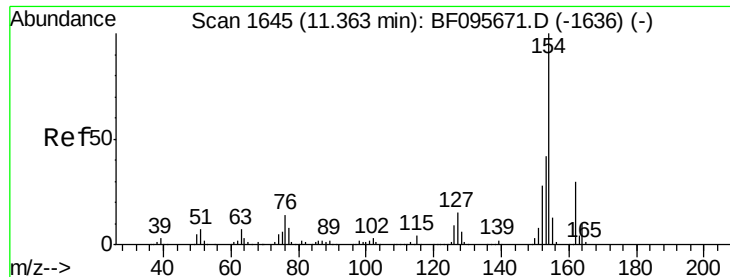
#44  
 2-Fluorobiphenyl  
 Concen: 78.811 ng  
 RT: 11.22 min Scan# 1620  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:172 Resp: 1161304  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.6 44.4  
 170 23.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

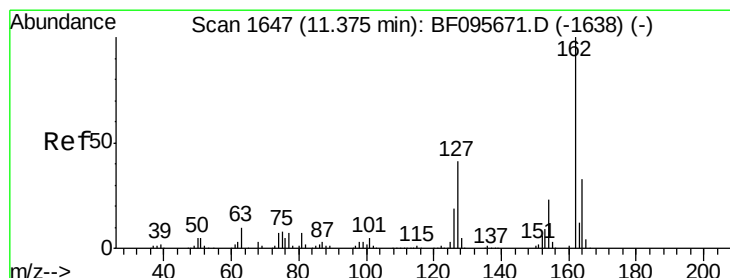
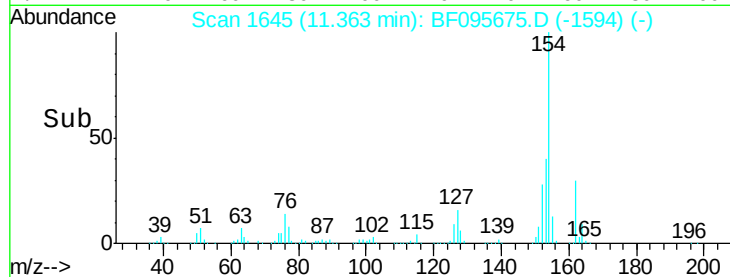
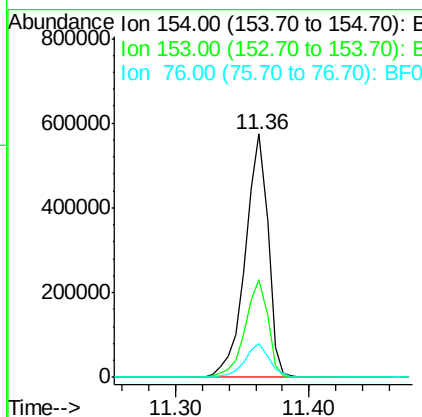
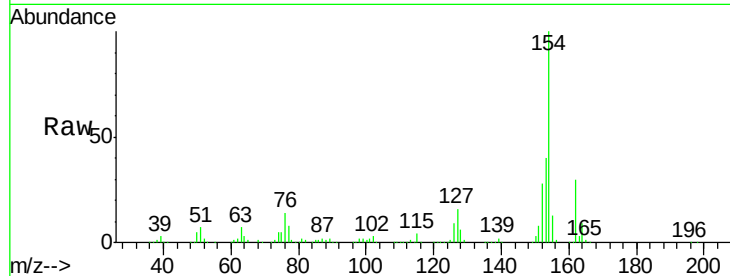




#45  
 1,1'-Biphenyl  
 Concen: 39.808 ng  
 RT: 11.36 min Scan# 1645  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

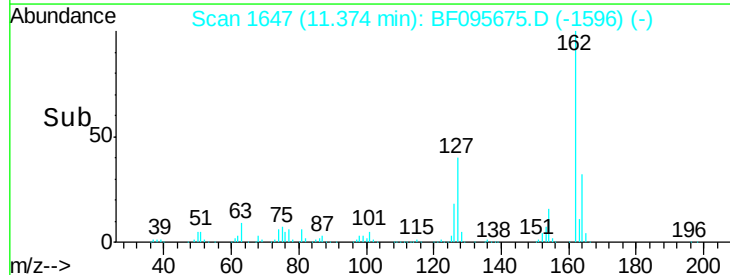
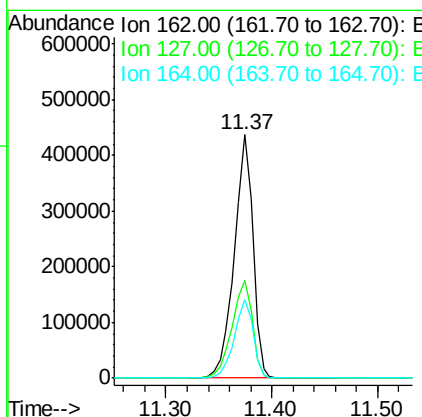
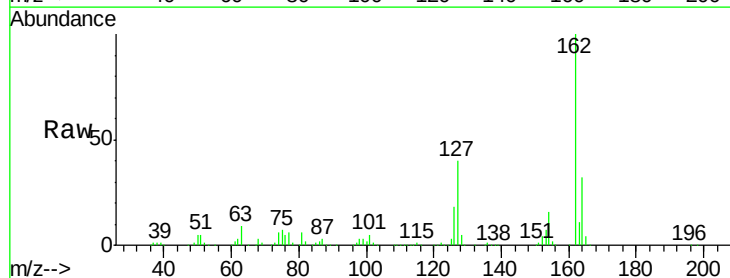
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

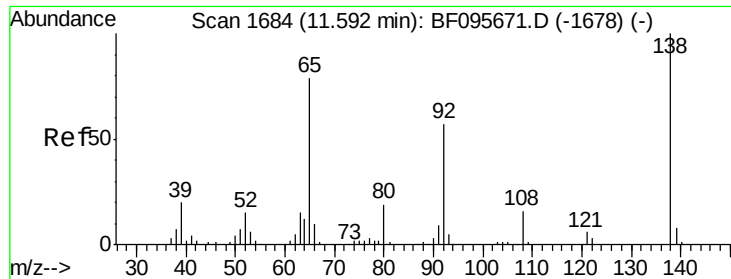
Tgt Ion:154 Resp: 672763  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 21.2 61.2  
 76 13.7 0.0 29.9



#46  
 2-Chloronaphthalene  
 Concen: 40.149 ng  
 RT: 11.37 min Scan# 1647  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:162 Resp: 530163  
 Ion Ratio Lower Upper  
 162 100  
 127 40.0 28.3 42.5  
 164 32.1 27.0 40.4





#47

2-Nitroaniline

Concen: 41.306 ng

RT: 11.59 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

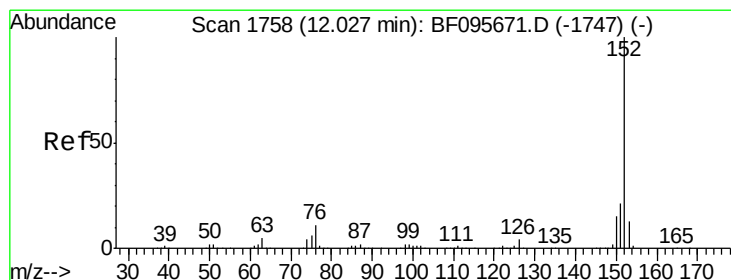
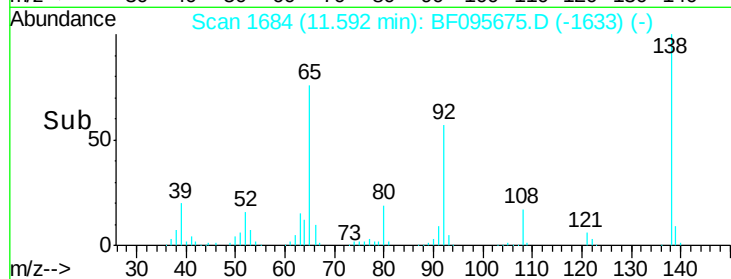
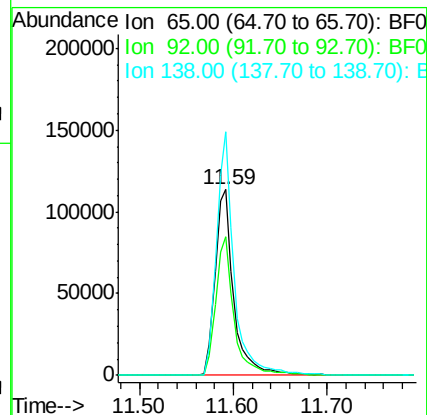
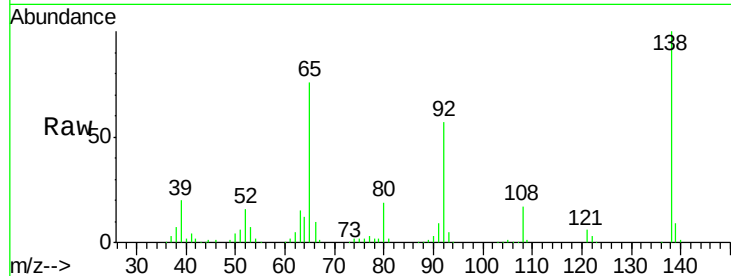
Tgt Ion: 65 Resp: 159613

Ion Ratio Lower Upper

65 100

92 74.9 53.9 80.9

138 131.1 78.8 118.2#



#48

Acenaphthylene

Concen: 40.199 ng

RT: 12.03 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

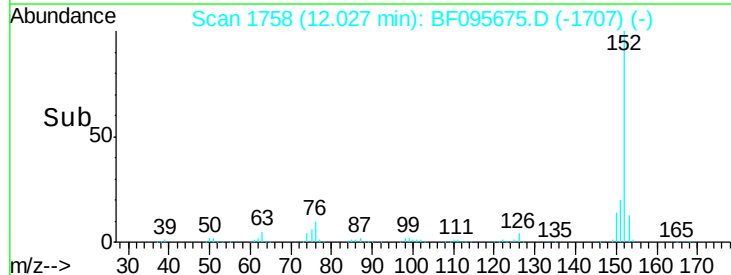
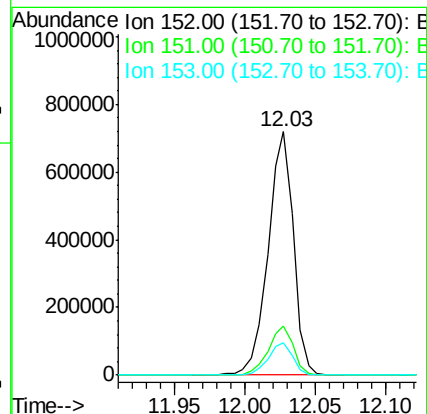
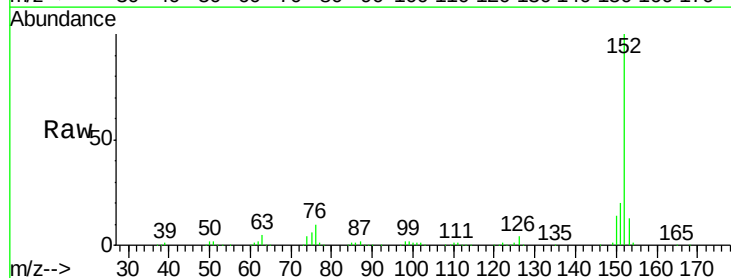
Tgt Ion: 152 Resp: 907692

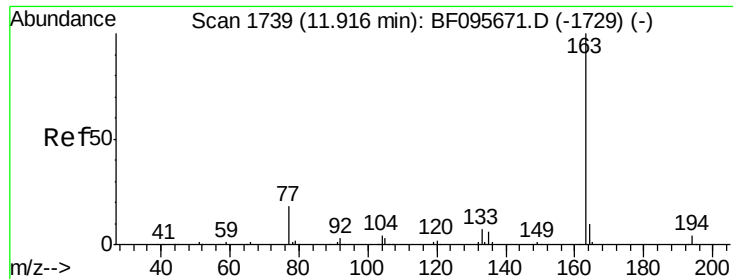
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.1 10.8 16.2

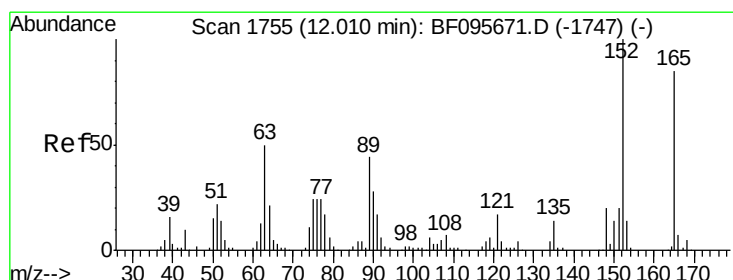
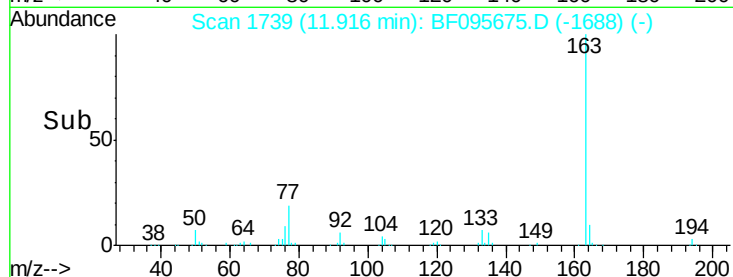
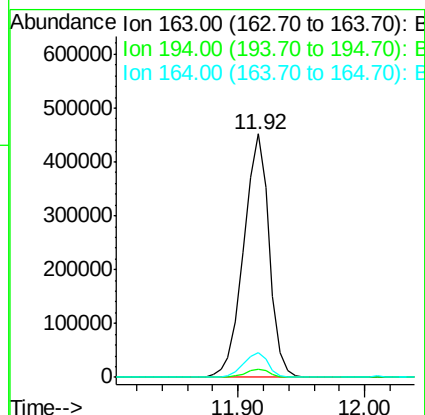
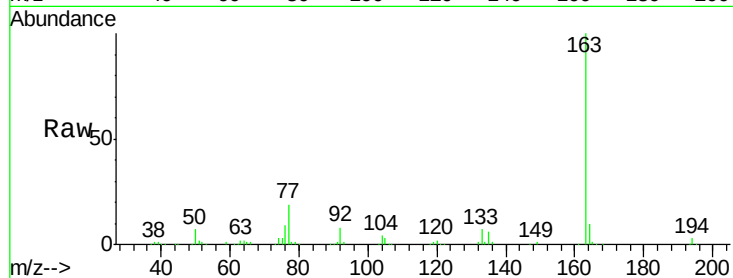




#49  
Dimethylphthalate  
Concen: 40.393 ng  
RT: 11.92 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

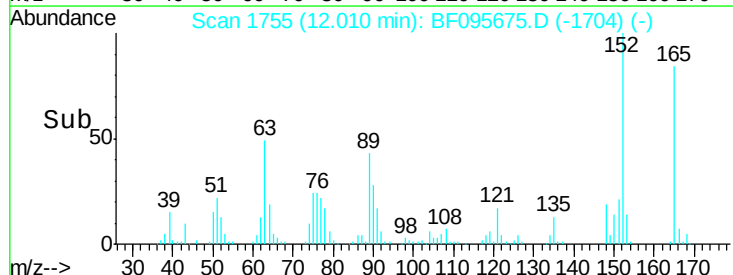
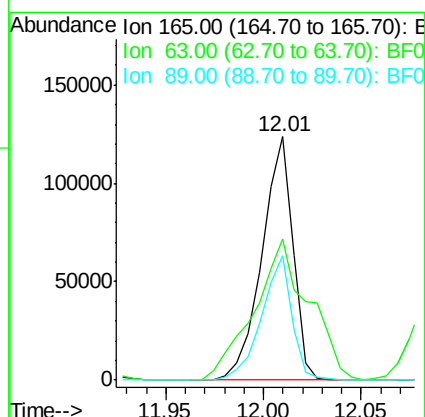
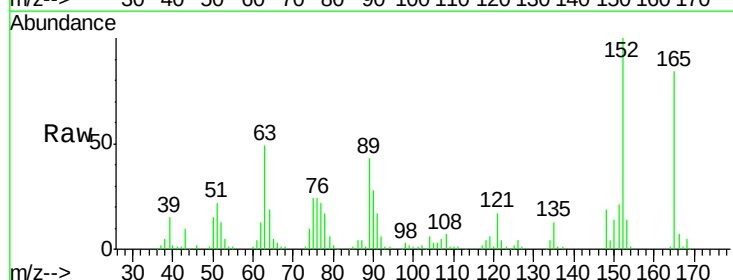
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

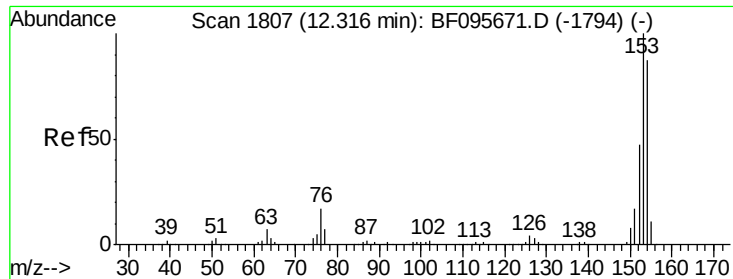
Tgt Ion:163 Resp: 628875  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 10.1 8.4 12.6



#50  
2,6-Dinitrotoluene  
Concen: 40.037 ng  
RT: 12.01 min Scan# 1755  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:165 Resp: 135963  
Ion Ratio Lower Upper  
165 100  
63 58.0 34.3 51.5#  
89 51.1 37.1 55.7





#51

Acenaphthene

Concen: 40.335 ng

RT: 12.31 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

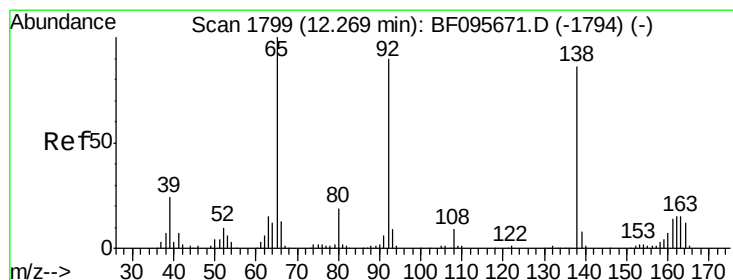
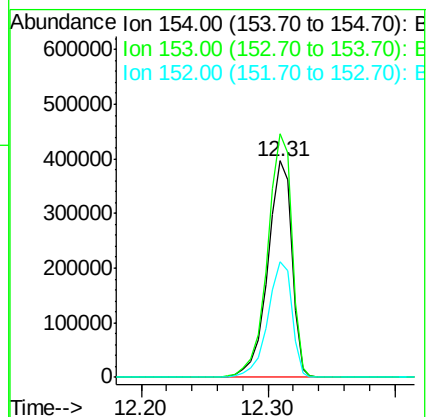
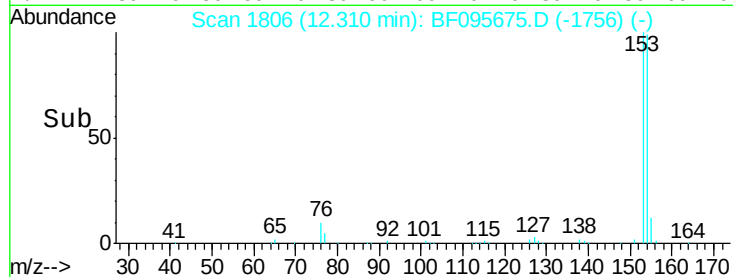
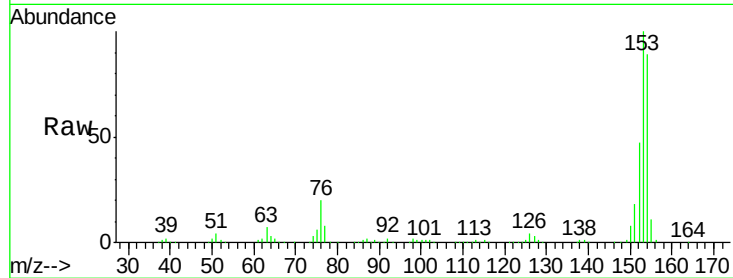
Tgt Ion:154 Resp: 526009

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

152 53.3 43.6 65.4



#52

3-Nitroaniline

Concen: 41.321 ng

RT: 12.27 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

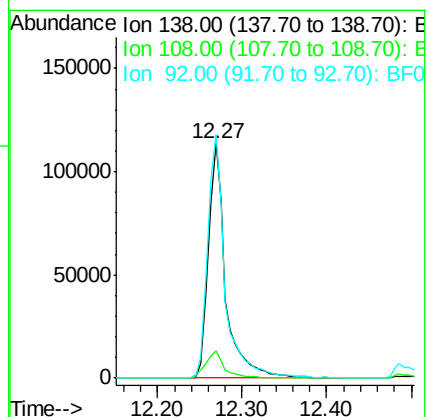
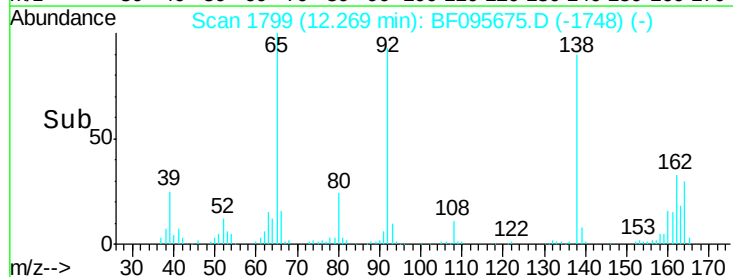
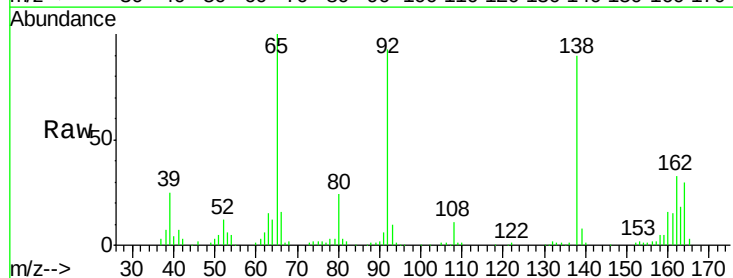
Tgt Ion:138 Resp: 163487

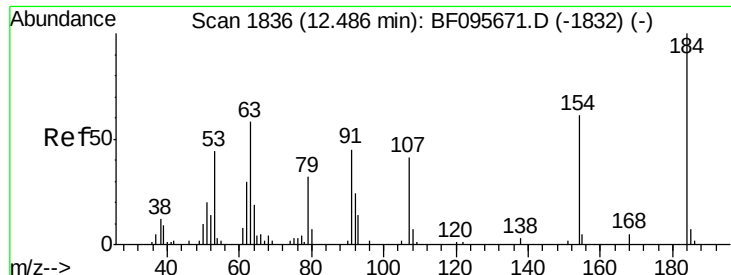
Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

92 103.9 93.8 140.6





#53

2,4-Dinitrophenol

Concen: 38.903 ng

RT: 12.49 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

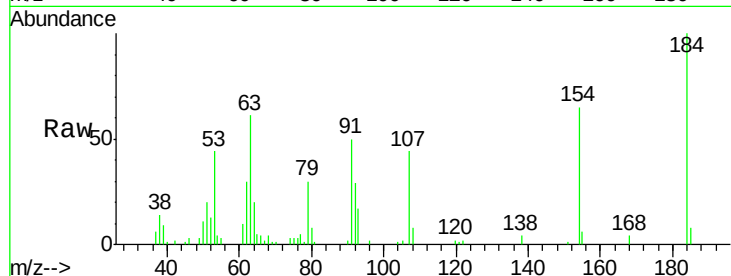
Tgt Ion:184 Resp: 67846

Ion Ratio Lower Upper

184 100

63 60.7 62.7 94.1#

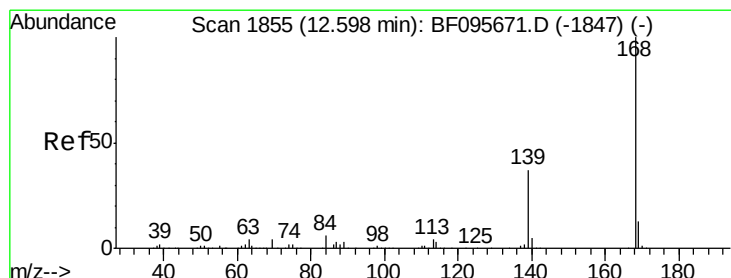
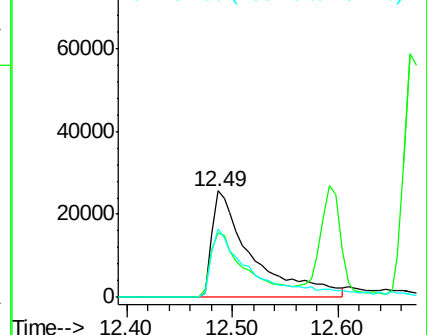
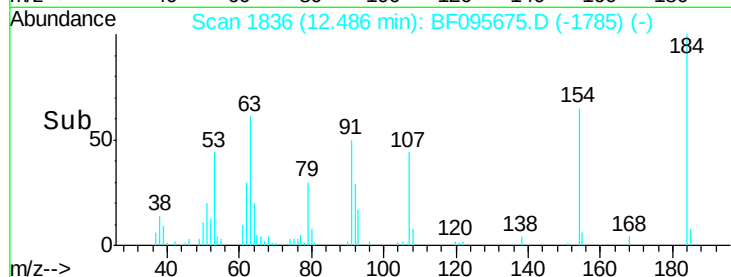
154 64.6 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.024 ng

RT: 12.60 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

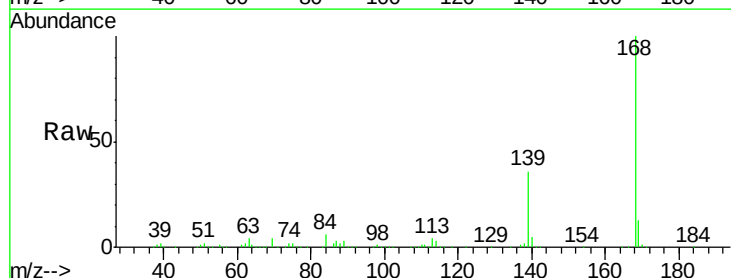
Tgt Ion:168 Resp: 734602

Ion Ratio Lower Upper

168 100

139 36.1 30.6 45.8

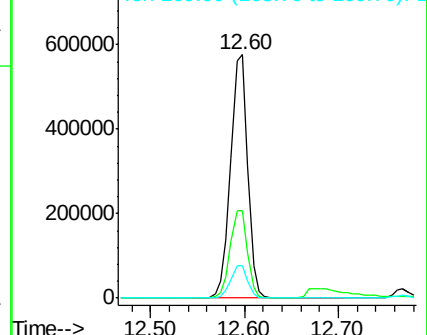
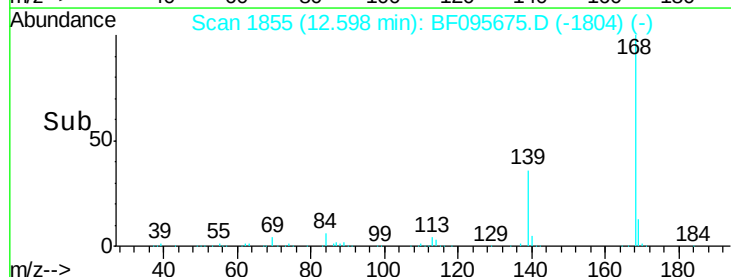
169 13.2 10.8 16.2

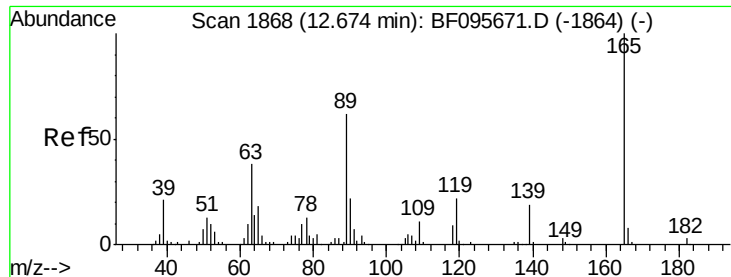


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

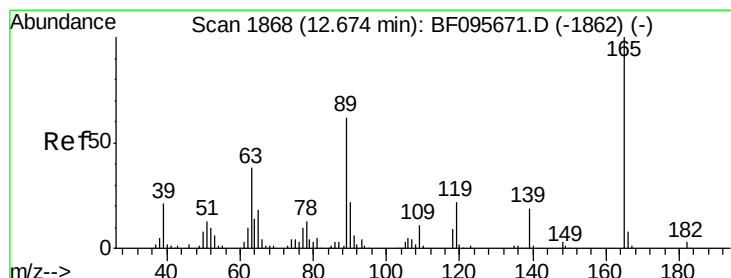
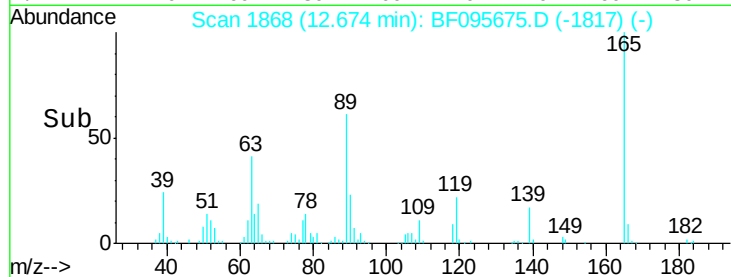
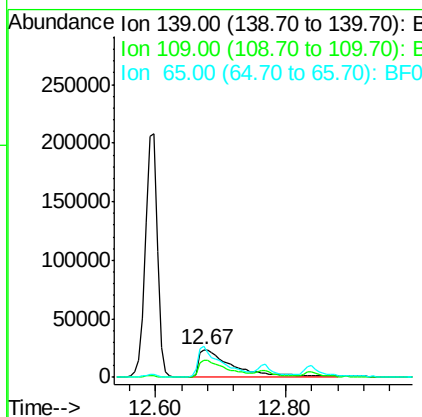
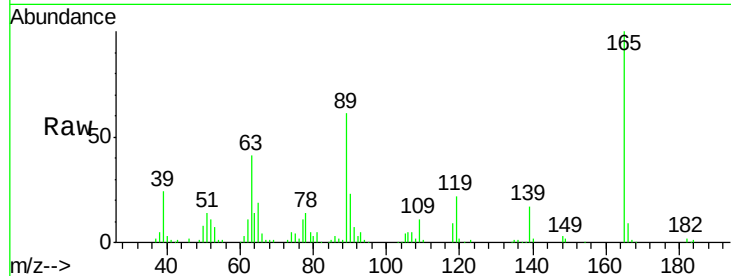




#55  
4-Nitrophenol  
Concen: 40.857 ng  
RT: 12.67 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

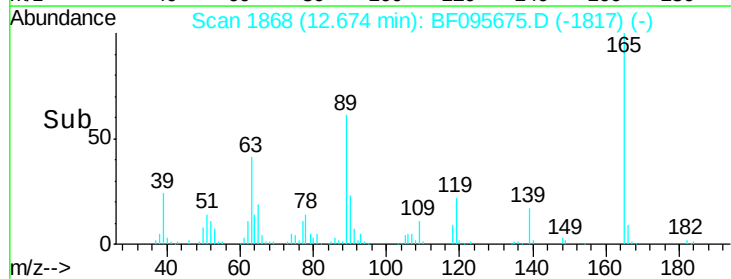
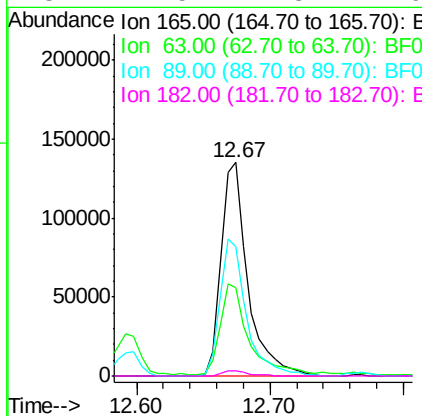
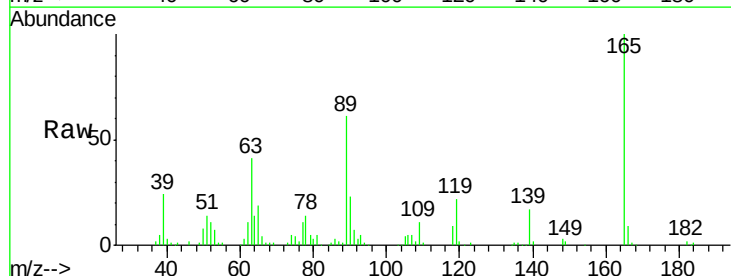
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

Tgt Ion:139 Resp: 88832  
Ion Ratio Lower Upper  
139 100  
109 63.0 34.1 74.1  
65 111.0 31.4 71.4#

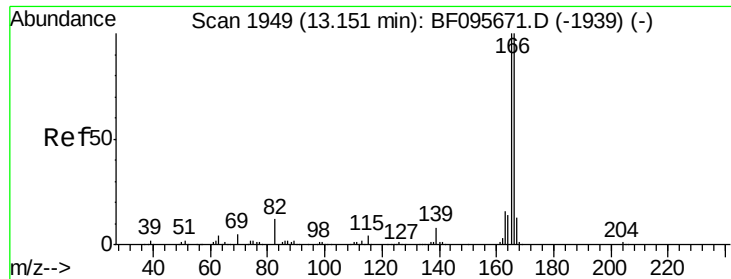


#56  
2,4-Dinitrotoluene  
Concen: 41.657 ng  
RT: 12.67 min Scan# 1868  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:165 Resp: 191075  
Ion Ratio Lower Upper  
165 100  
63 41.4 25.4 38.0#  
89 60.7 46.4 69.6  
182 2.5 1.8 2.6



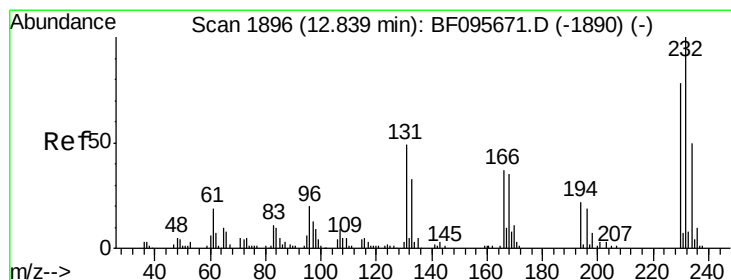
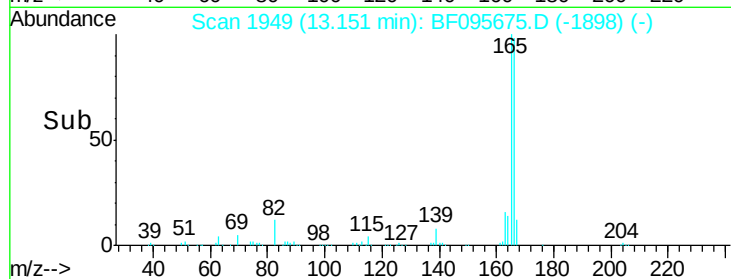
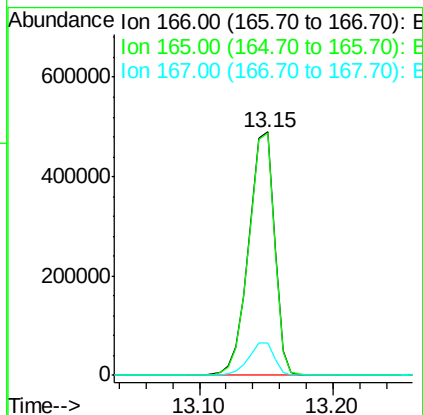
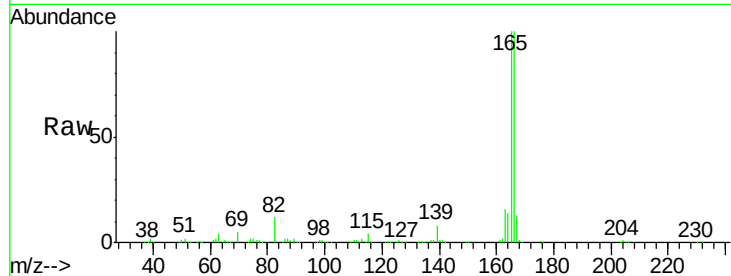




#57  
 Fluorene  
 Concen: 40.583 ng  
 RT: 13.15 min Scan# 1949  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

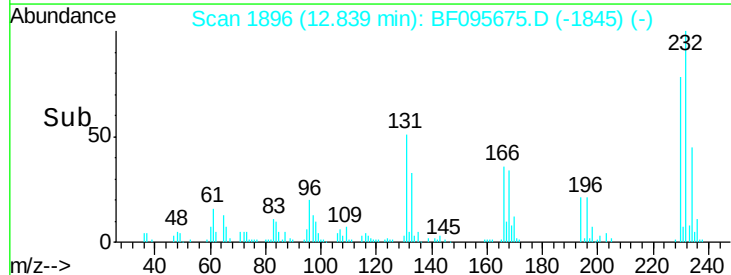
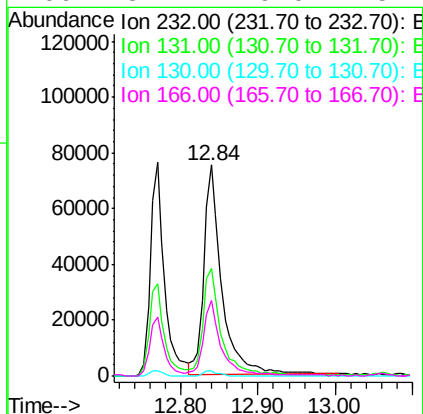
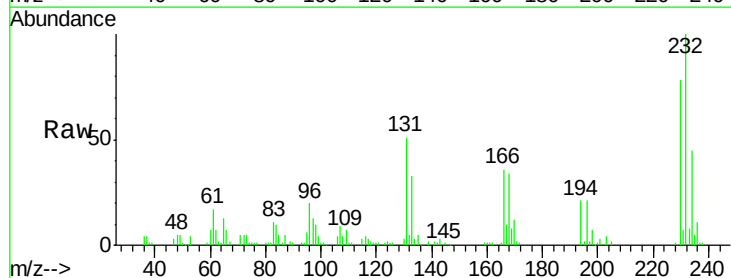
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

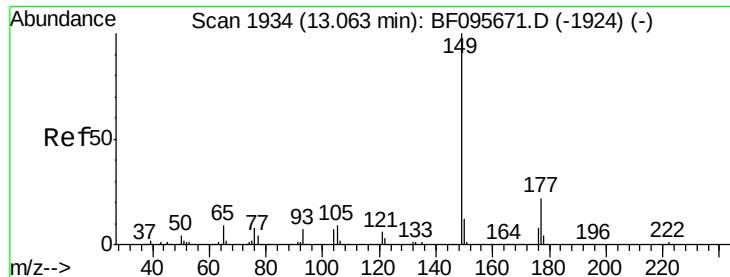
Tgt Ion:166 Resp: 648203  
 Ion Ratio Lower Upper  
 166 100  
 165 99.8 78.8 118.2  
 167 13.1 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.674 ng  
 RT: 12.84 min Scan# 1896  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:232 Resp: 122542  
 Ion Ratio Lower Upper  
 232 100  
 131 48.7 44.8 67.2  
 130 2.1 2.3 3.5#  
 166 34.4 29.0 43.4

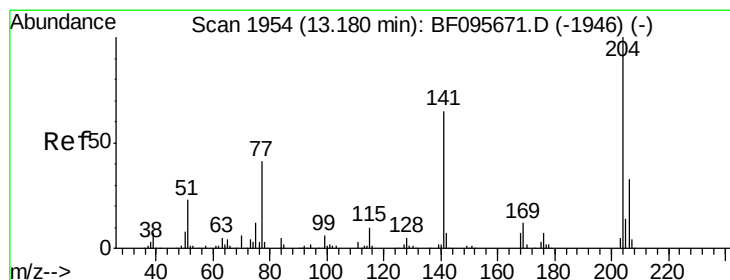
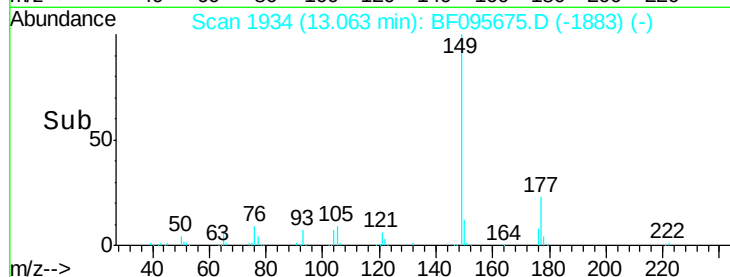
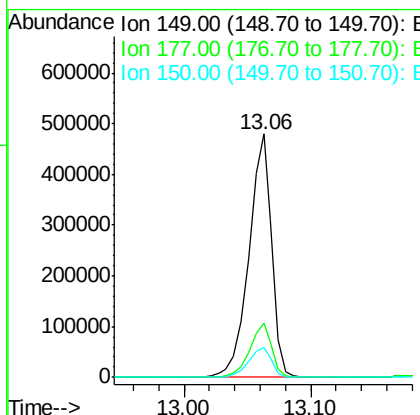
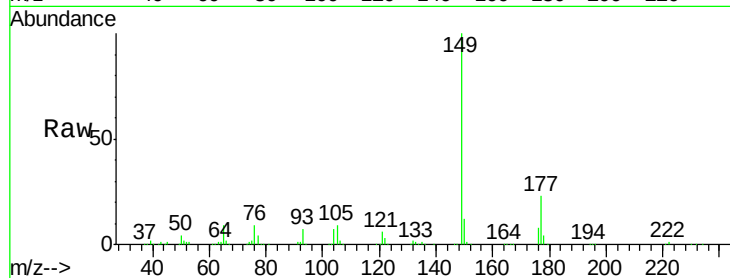




#59  
Diethylphthalate  
Concen: 39.912 ng  
RT: 13.06 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

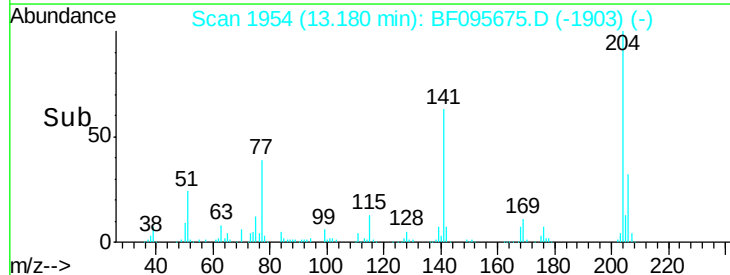
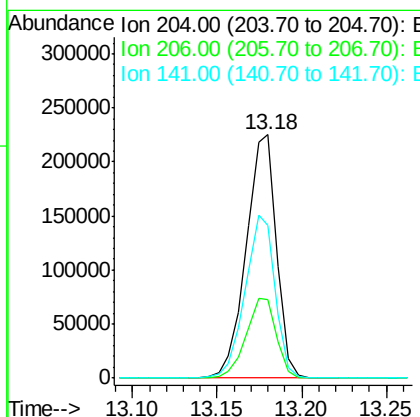
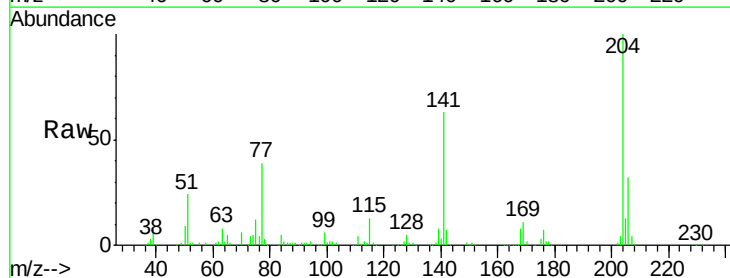
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

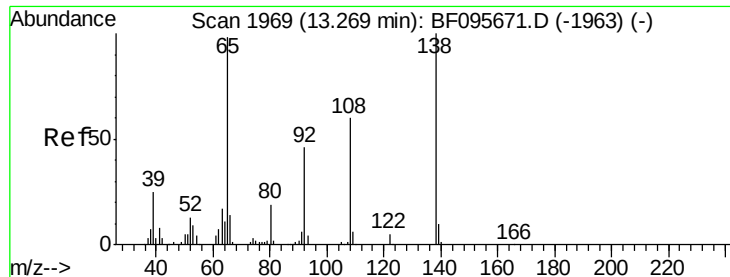
Tgt Ion:149 Resp: 598010  
Ion Ratio Lower Upper  
149 100  
177 22.5 16.7 25.1  
150 12.3 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 40.580 ng  
RT: 13.18 min Scan# 1954  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:204 Resp: 281869  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.2 39.2  
141 62.8 60.8 91.2





#61

4-Nitroaniline

Concen: 40.987 ng

RT: 13.27 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

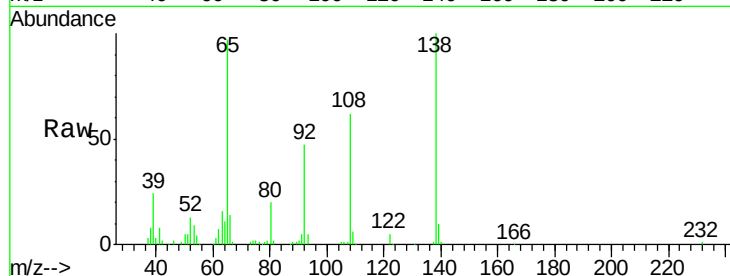
Tgt Ion:138 Resp: 151412

Ion Ratio Lower Upper

138 100

92 46.9 21.8 61.8

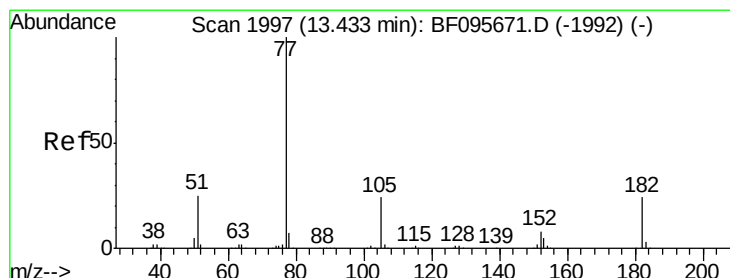
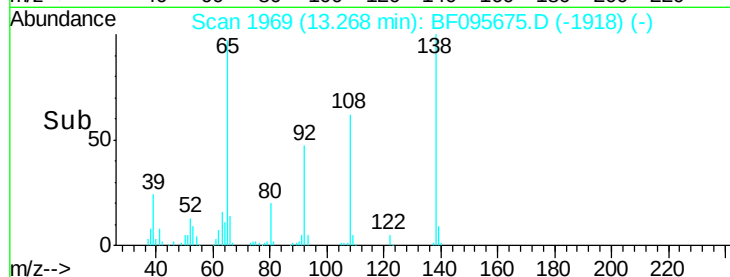
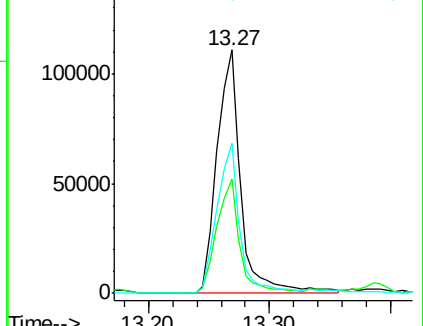
108 61.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.798 ng

RT: 13.43 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Tgt Ion: 77 Resp: 554007

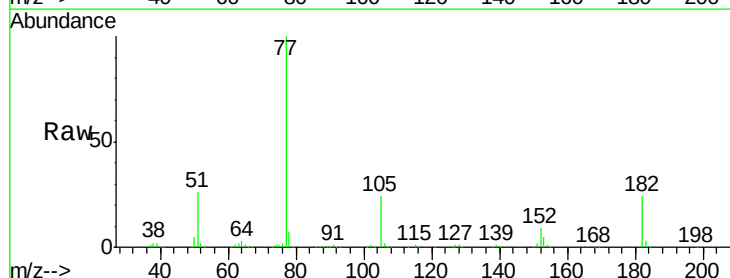
Ion Ratio Lower Upper

77 100

182 23.7 0.1 40.1

105 23.8 3.6 43.6

51 26.4 9.4 49.4

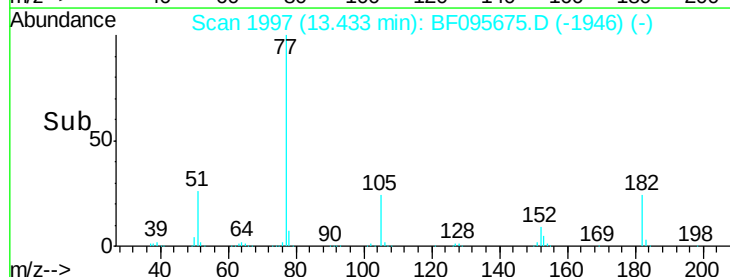
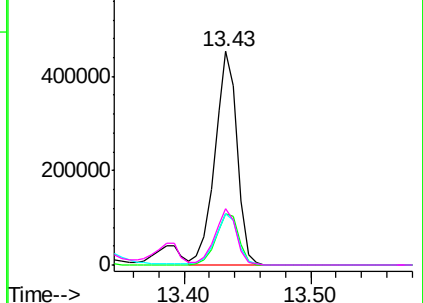


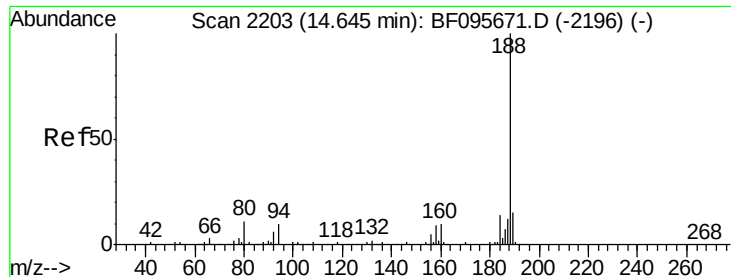
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

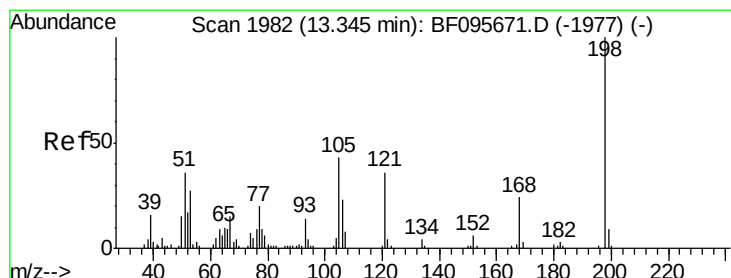
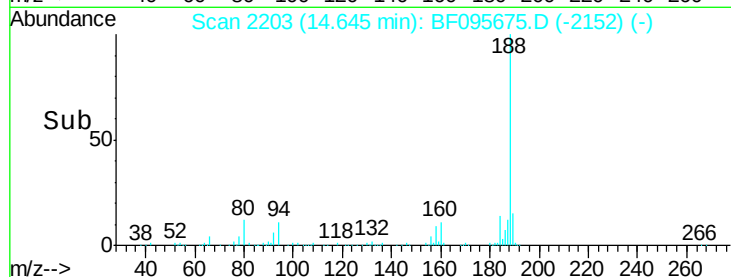
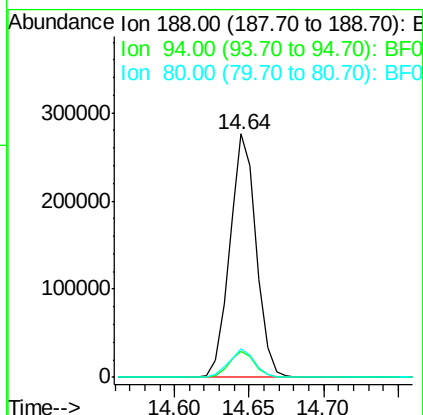
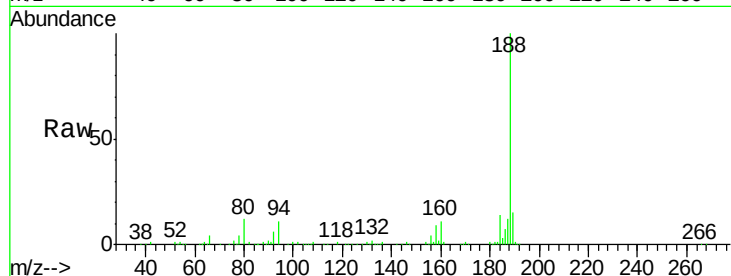




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 2203  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

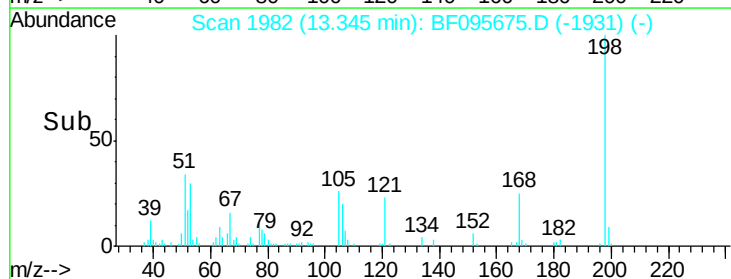
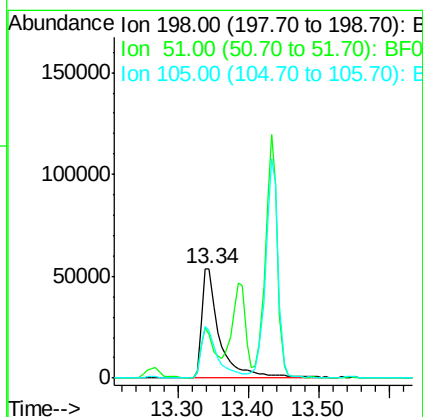
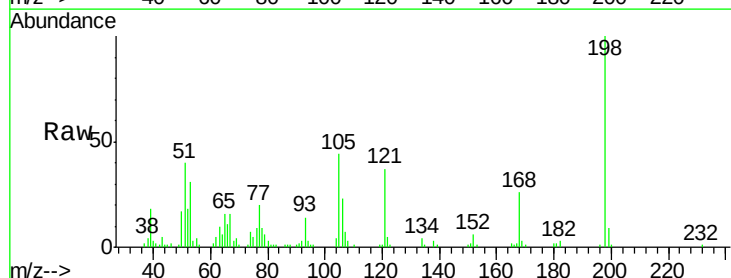
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

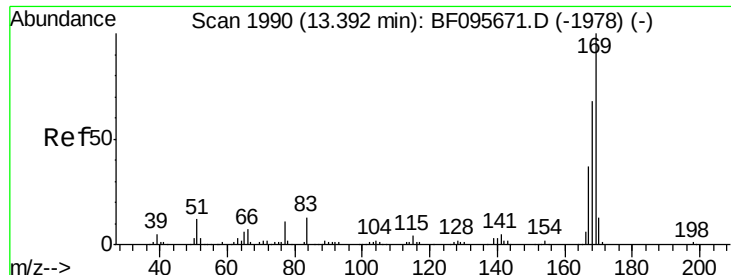
Tgt Ion:188 Resp: 340766  
Ion Ratio Lower Upper  
188 100  
94 10.8 9.4 14.2  
80 12.0 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.939 ng  
RT: 13.34 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:198 Resp: 96178  
Ion Ratio Lower Upper  
198 100  
51 39.9 53.2 93.2#  
105 44.0 45.8 85.8#

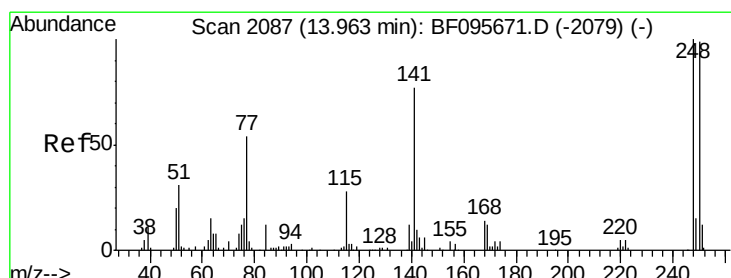
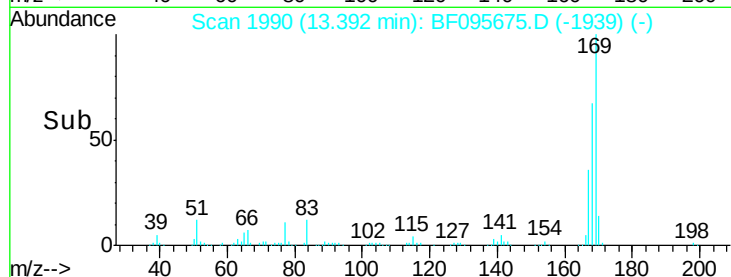
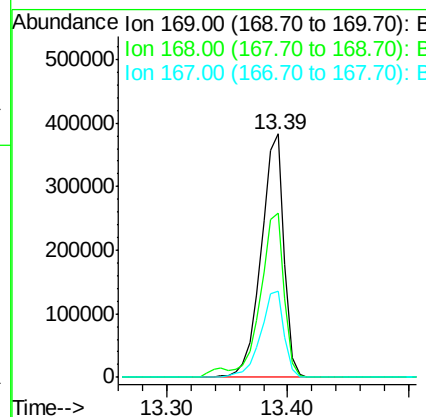
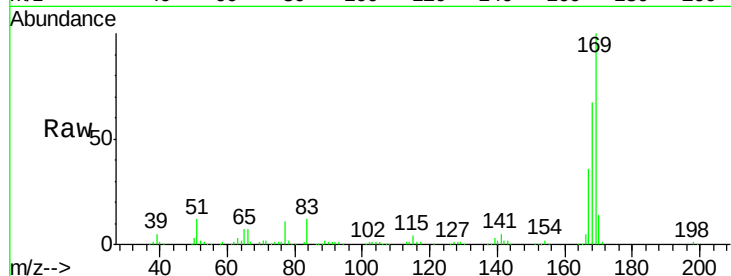




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.992 ng  
 RT: 13.39 min Scan# 1990  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

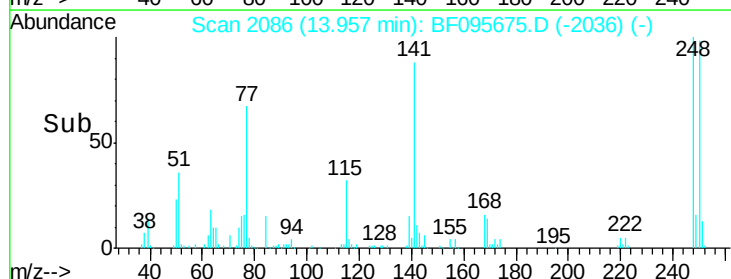
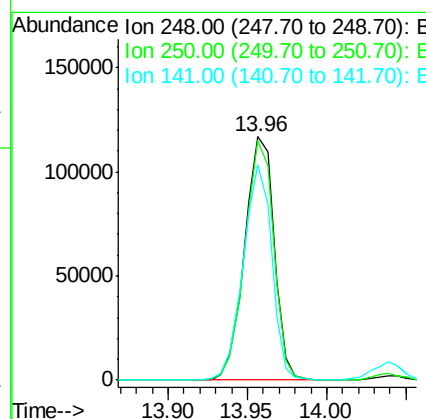
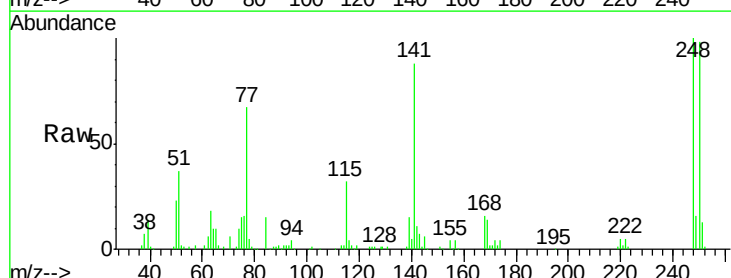
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

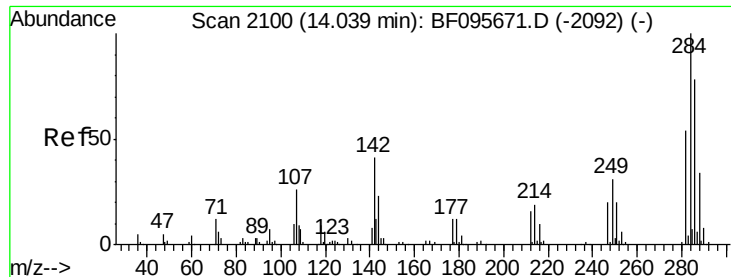
Tgt Ion:169 Resp: 501938  
 Ion Ratio Lower Upper  
 169 100  
 168 67.4 53.2 79.8  
 167 35.7 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.654 ng  
 RT: 13.96 min Scan# 2086  
 Delta R.T. -0.01 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:248 Resp: 151061  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 76.8 115.2  
 141 88.4 68.6 103.0





#67

Hexachlorobenzene

Concen: 41.720 ng

RT: 14.04 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

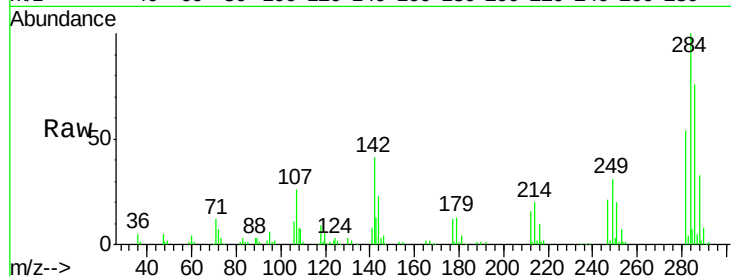
Tgt Ion:284 Resp: 145595

Ion Ratio Lower Upper

284 100

142 40.8 22.8 34.2#

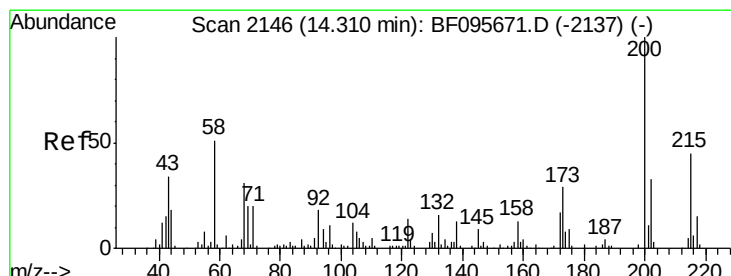
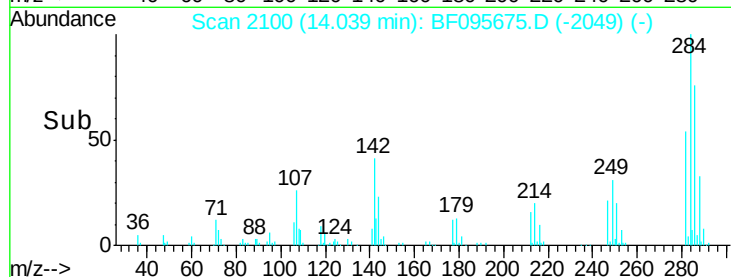
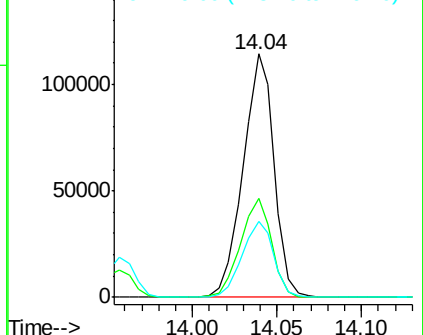
249 31.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.897 ng

RT: 14.31 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

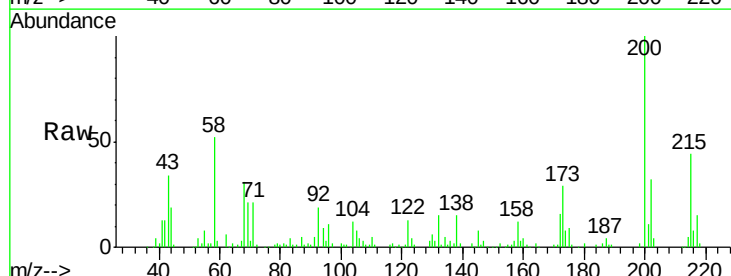
Tgt Ion:200 Resp: 142776

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

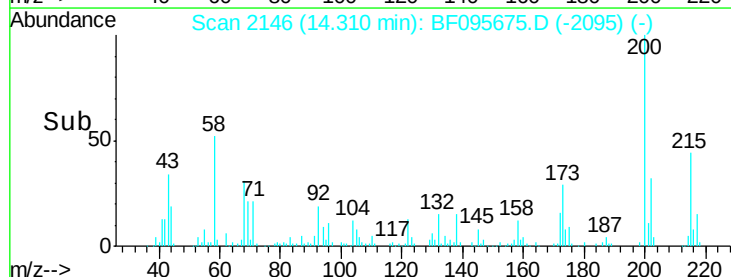
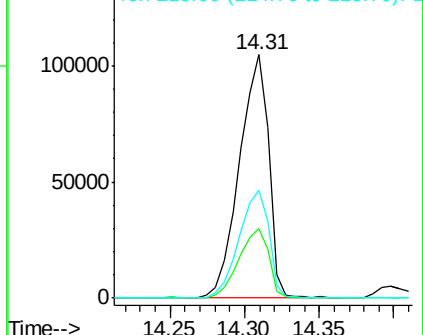
215 44.4 27.2 67.2

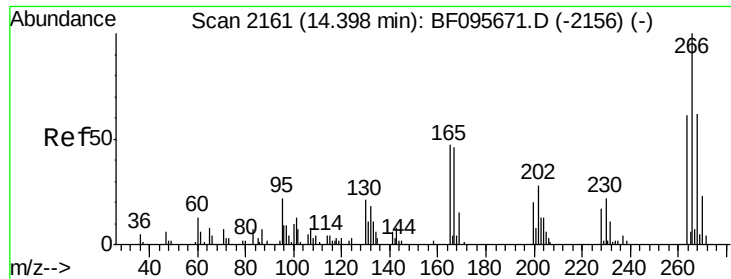


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

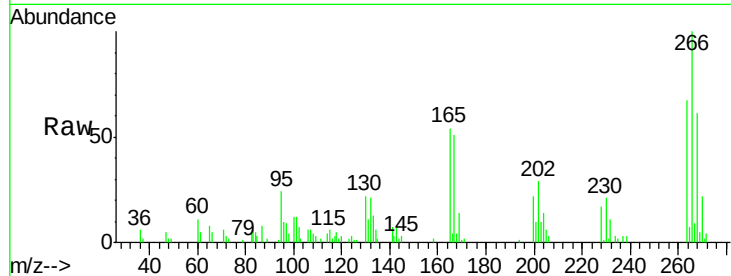




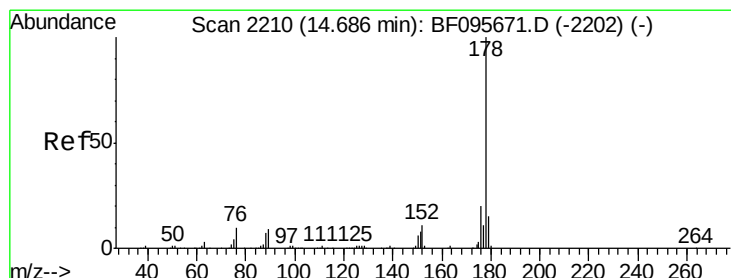
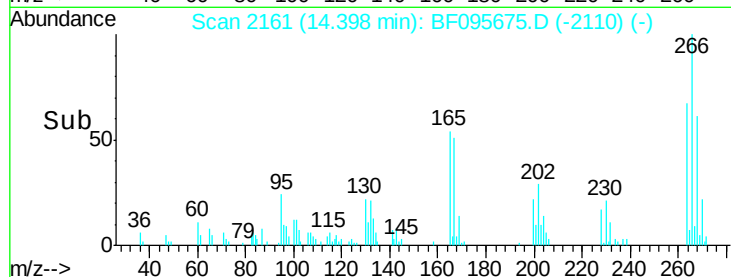
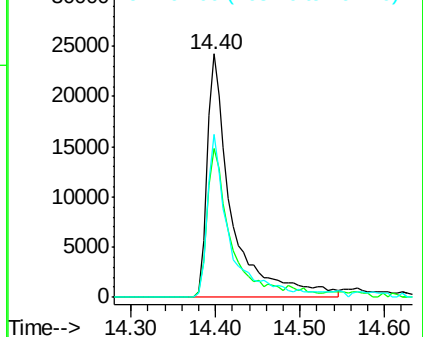
#69  
 Pentachlorophenol  
 Concen: 40.706 ng  
 RT: 14.40 min Scan# 2161  
 Delta R.T. 0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

Tgt Ion:266 Resp: 49188  
 Ion Ratio Lower Upper  
 266 100  
 268 61.2 51.1 76.7  
 264 67.1 51.7 77.5

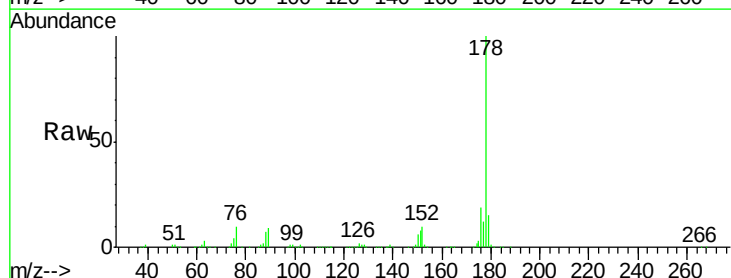


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

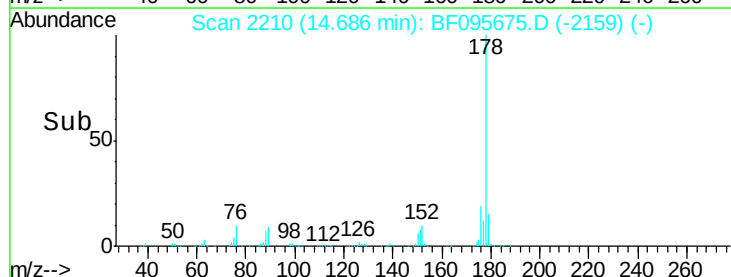
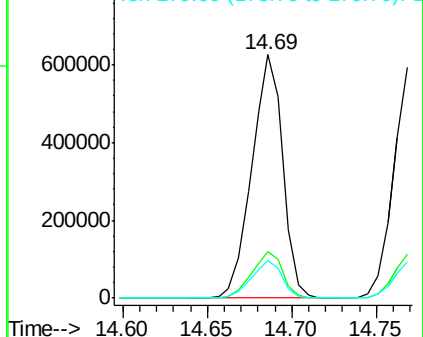


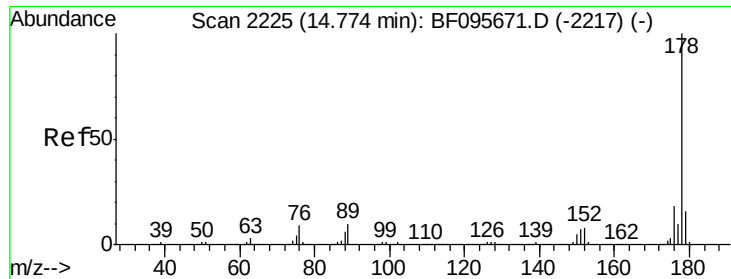
#70  
 Phenanthrene  
 Concen: 40.534 ng  
 RT: 14.69 min Scan# 2210  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion:178 Resp: 796967  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 16.2 24.4  
 179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.456 ng

RT: 14.77 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

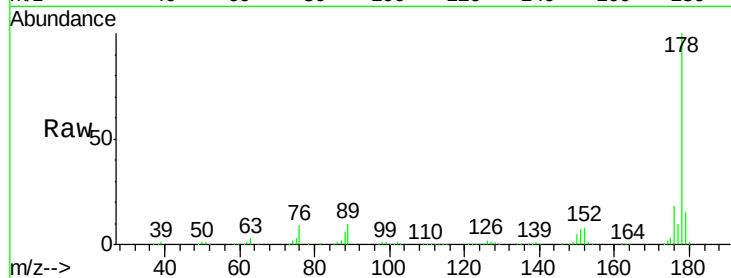
Tgt Ion:178 Resp: 830440

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

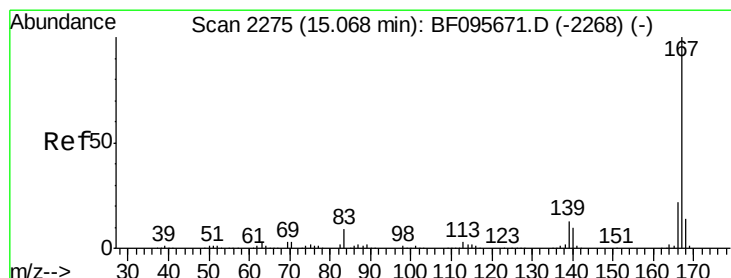
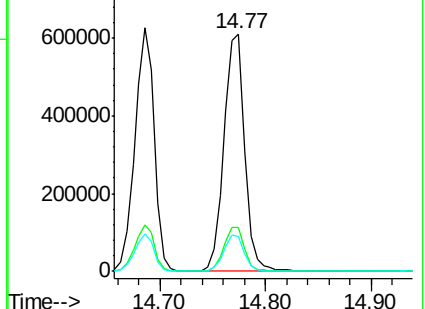
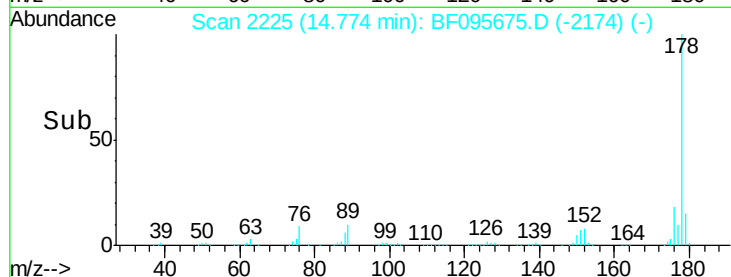
179 14.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.157 ng

RT: 15.06 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

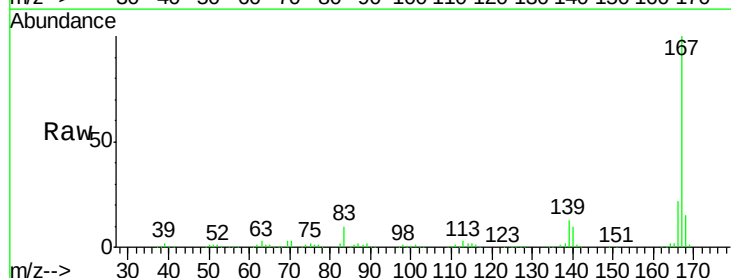
Tgt Ion:167 Resp: 843300

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

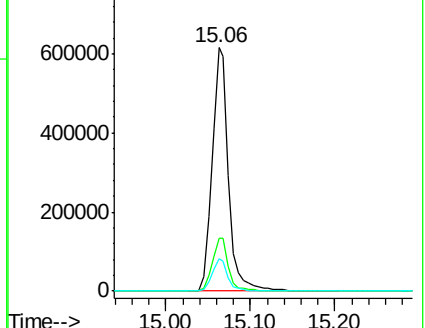
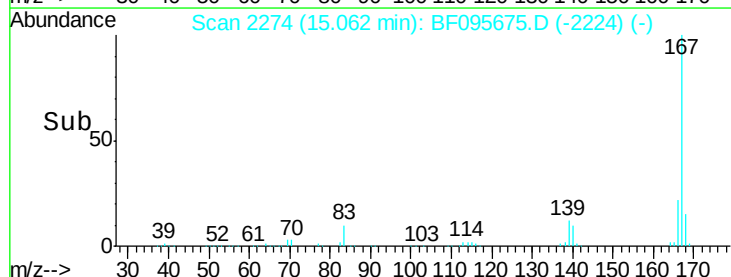
139 13.2 11.7 17.5



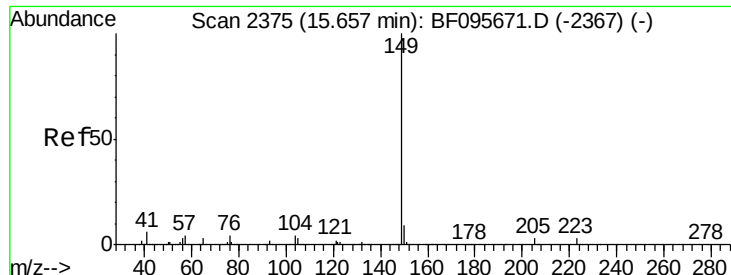
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 41.676 ng

RT: 15.66 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

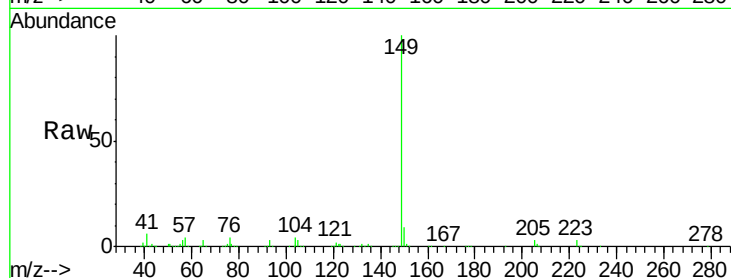
Tgt Ion:149 Resp: 886942

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

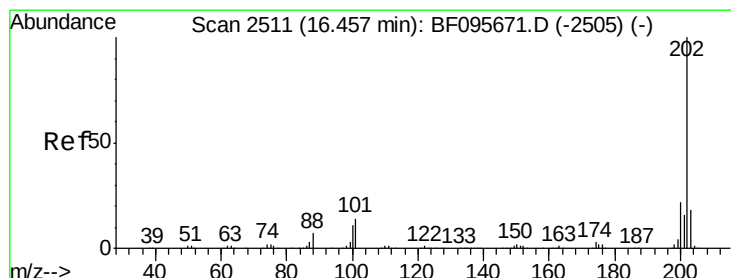
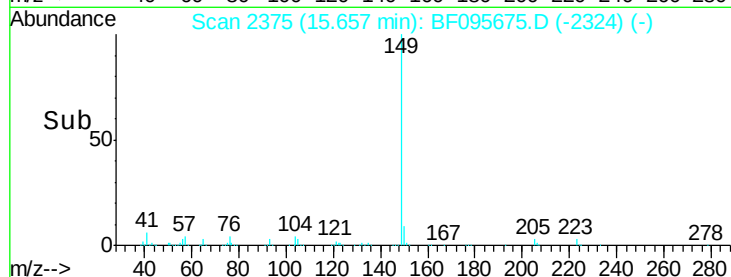
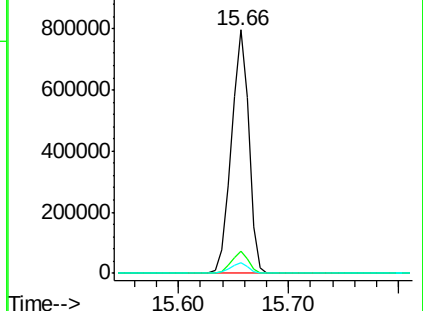
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.563 ng

RT: 16.46 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

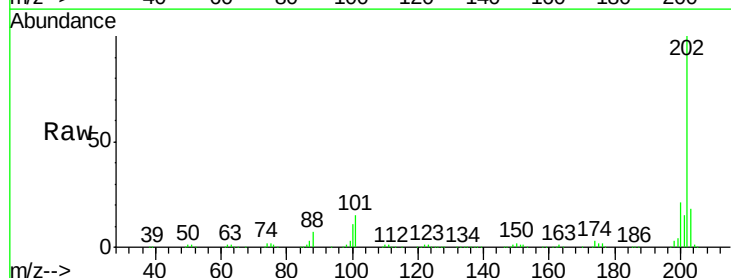
Tgt Ion:202 Resp: 847760

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

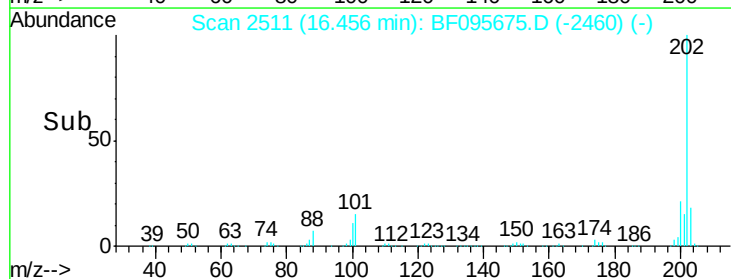
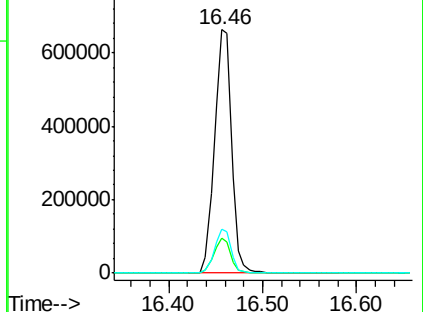
203 17.8 0.0 38.1

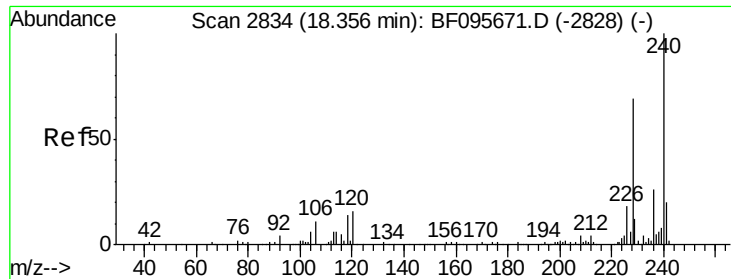


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

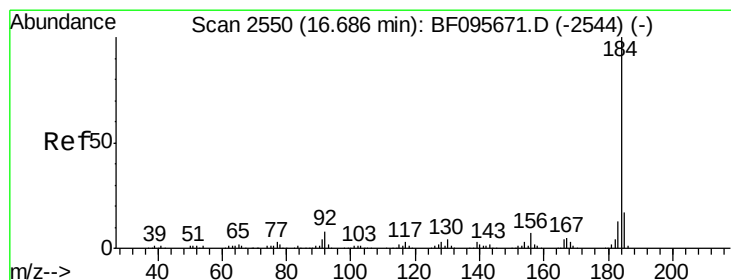
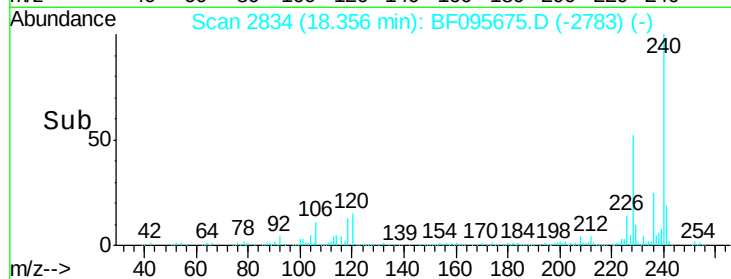
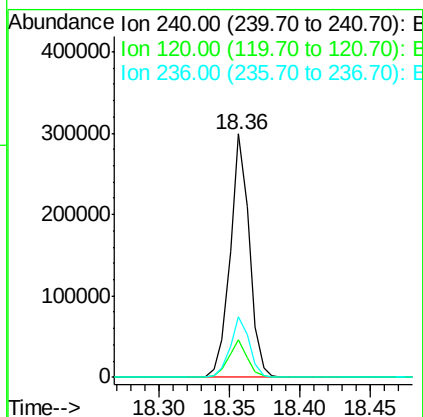
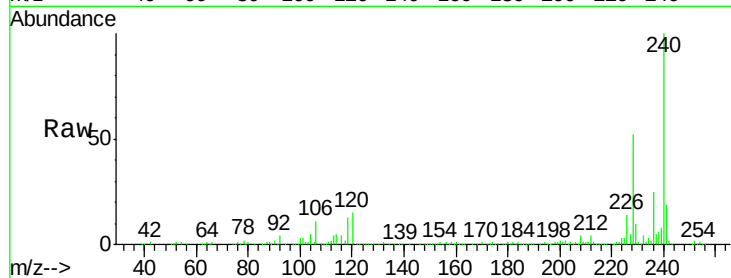




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 18.36 min Scan# 2834  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

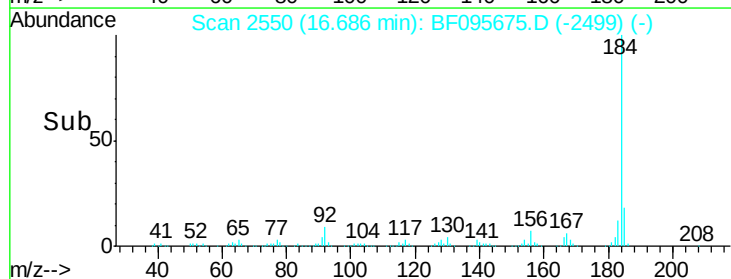
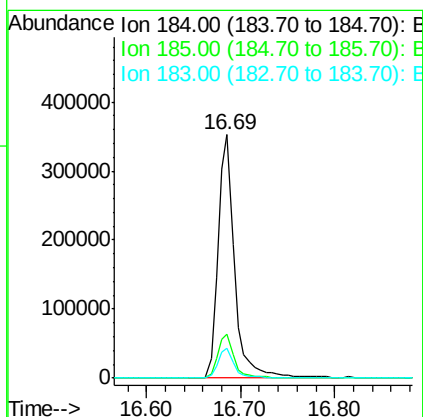
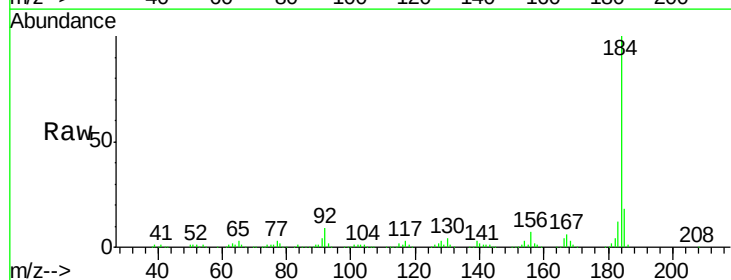
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

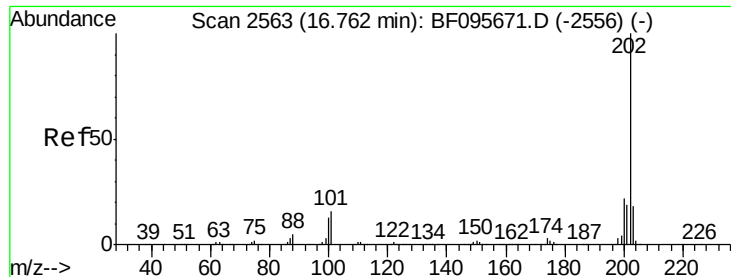
Tgt Ion: 240 Resp: 282919  
 Ion Ratio Lower Upper  
 240 100  
 120 15.2 5.8 8.8#  
 236 24.8 20.5 30.7



#76  
 Benzidine  
 Concen: 40.020 ng  
 RT: 16.69 min Scan# 2550  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion: 184 Resp: 434849  
 Ion Ratio Lower Upper  
 184 100  
 185 18.0 15.5 23.3  
 183 12.2 9.8 14.6

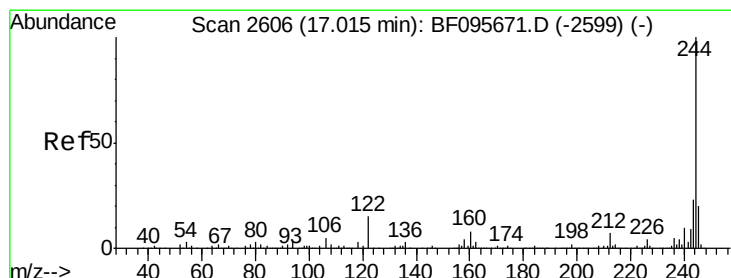
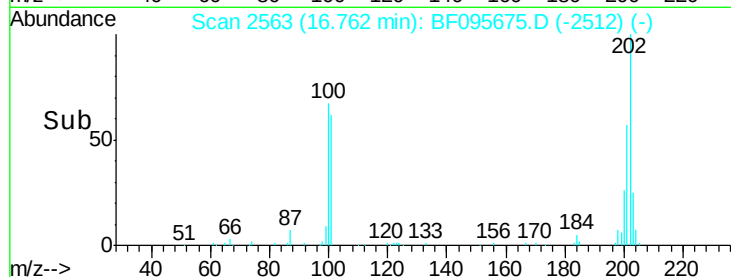
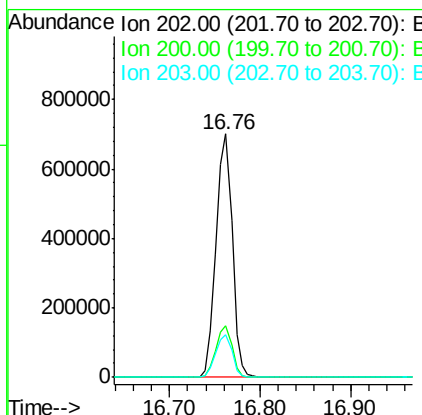
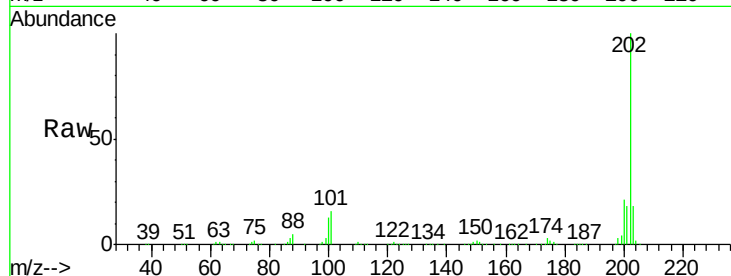




#77  
 Pyrene  
 Concen: 41.132 ng  
 RT: 16.76 min Scan# 2563  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

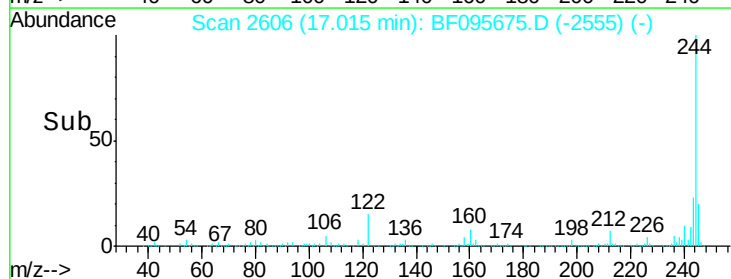
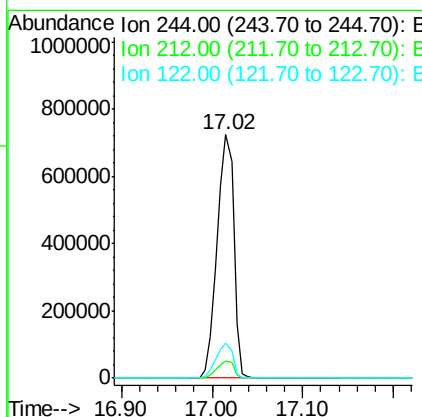
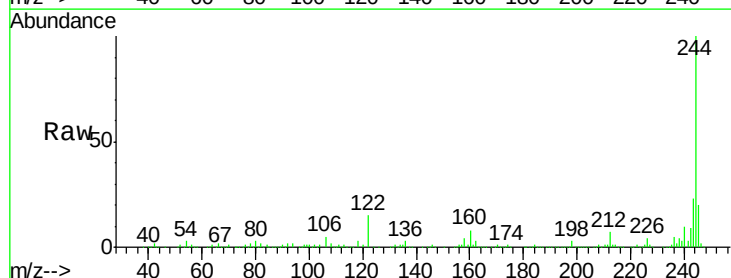
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

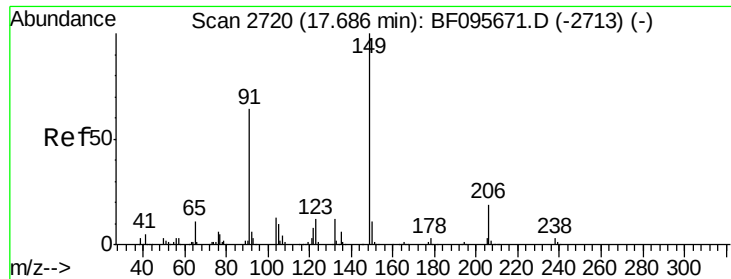
Tgt Ion: 202 Resp: 868308  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 17.6 26.4  
 203 17.7 14.4 21.6



#78  
 Terphenyl-d14  
 Concen: 80.627 ng  
 RT: 17.02 min Scan# 2606  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion: 244 Resp: 919156  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 14.5 10.3 15.5

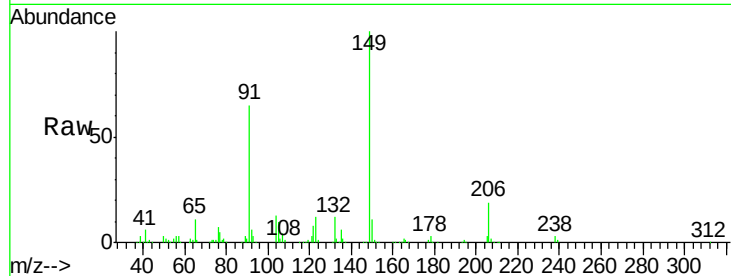




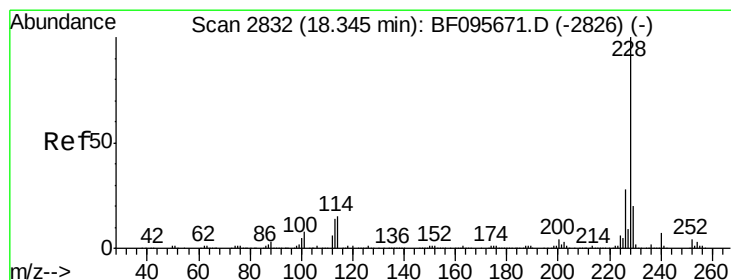
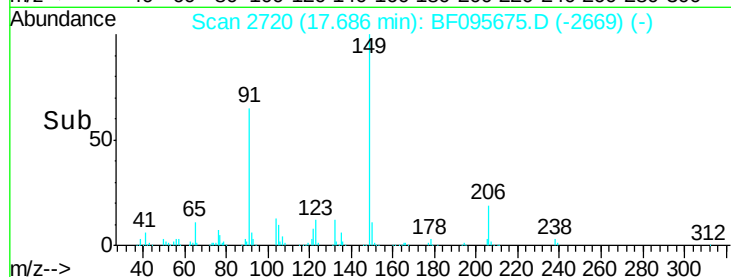
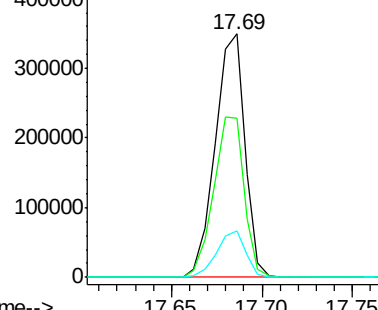
#79  
Butylbenzylphthalate  
Concen: 43.001 ng  
RT: 17.69 min Scan# 2720  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.2  | 45.0  | 67.4  |
| 206     | 19.0  | 17.0  | 25.6  |

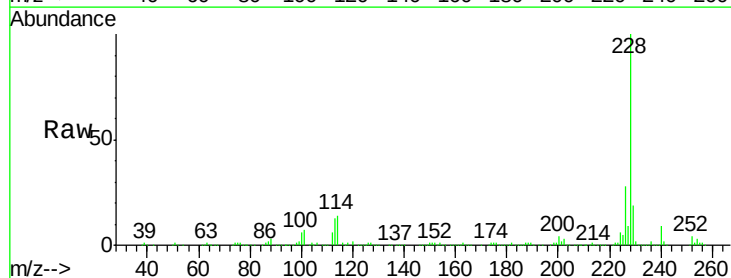


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

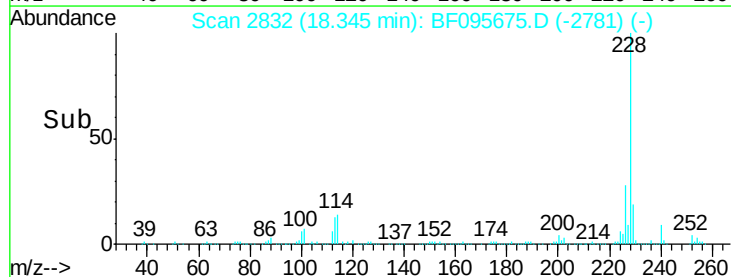
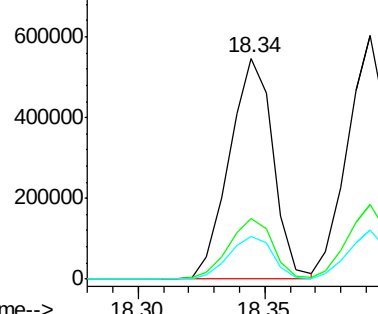


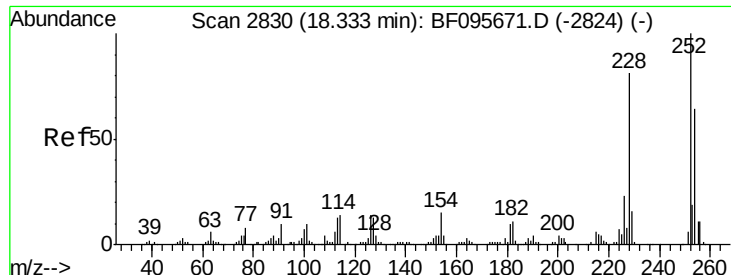
#80  
Benzo(a)anthracene  
Concen: 40.187 ng  
RT: 18.34 min Scan# 2832  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.6  | 33.8  |
| 229     | 19.3  | 16.3  | 24.5  |



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

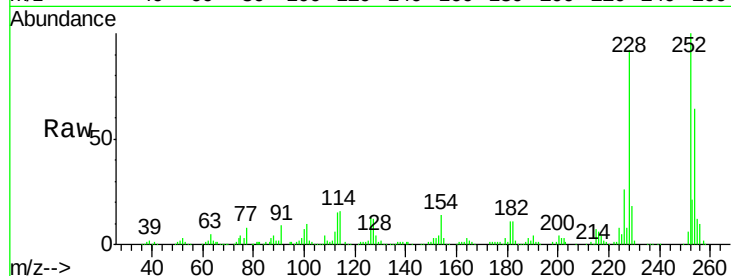




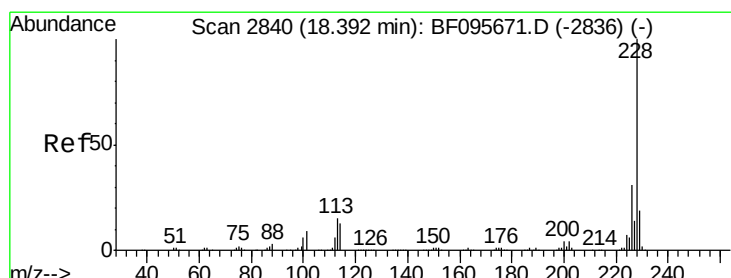
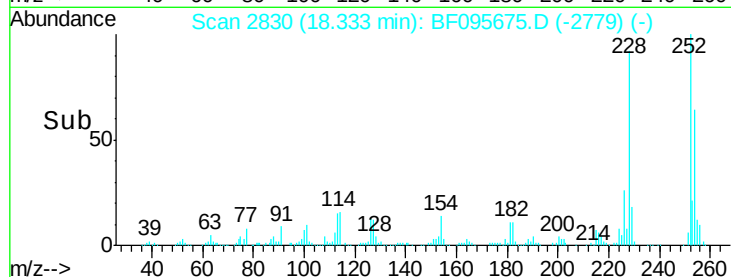
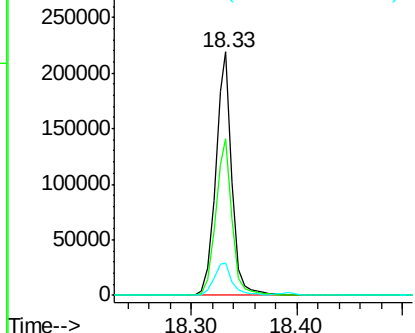
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.373 ng  
 RT: 18.33 min Scan# 2830  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

Tgt Ion: 252 Resp: 236107  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 51.5 77.3  
 126 13.5 15.8 23.8#

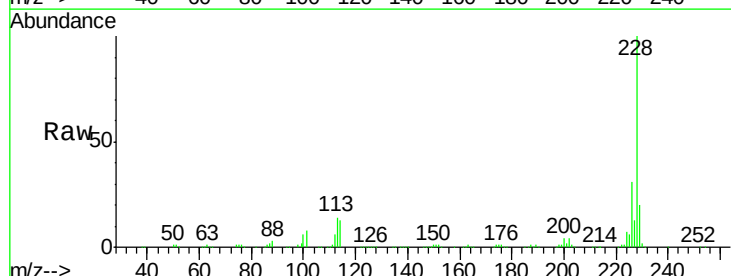


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

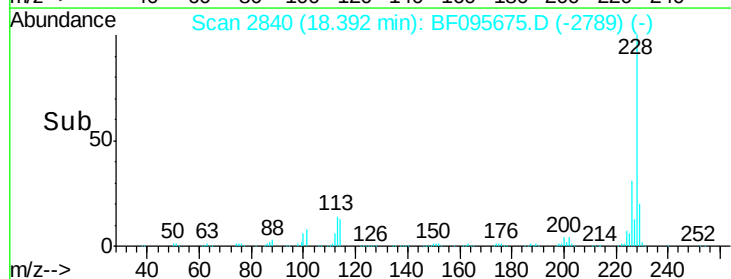
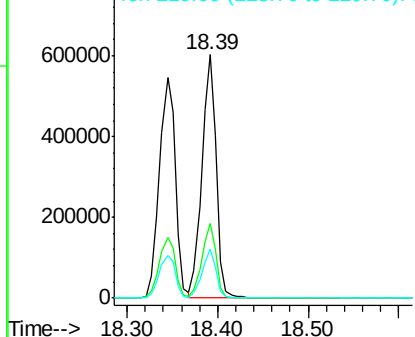


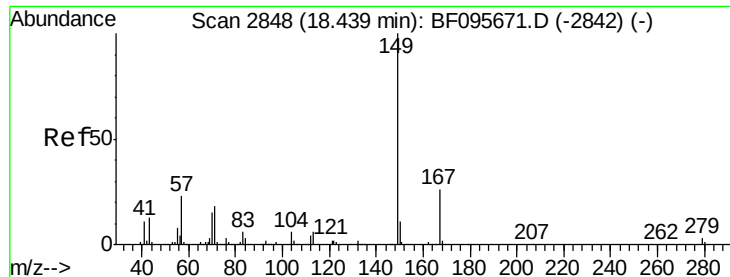
#82  
 Chrysene  
 Concen: 40.685 ng  
 RT: 18.39 min Scan# 2840  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

Tgt Ion: 228 Resp: 668785  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 24.9 37.3  
 229 20.1 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.677 ng

RT: 18.43 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

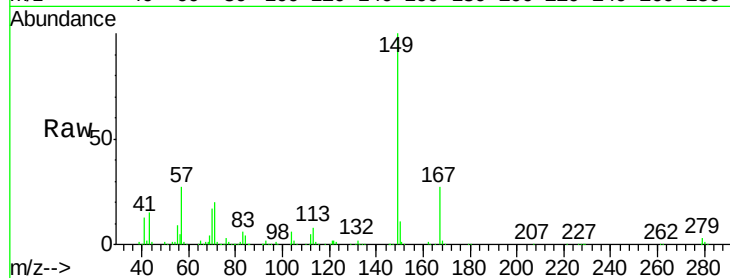
Tgt Ion:149 Resp: 542015

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

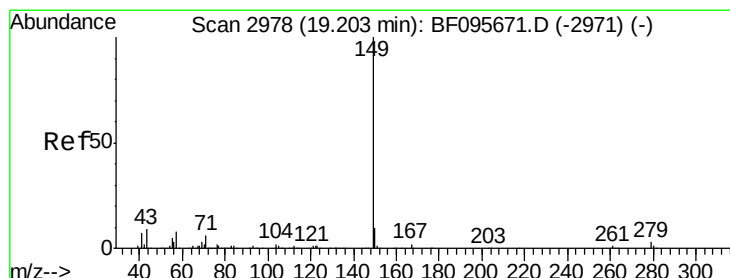
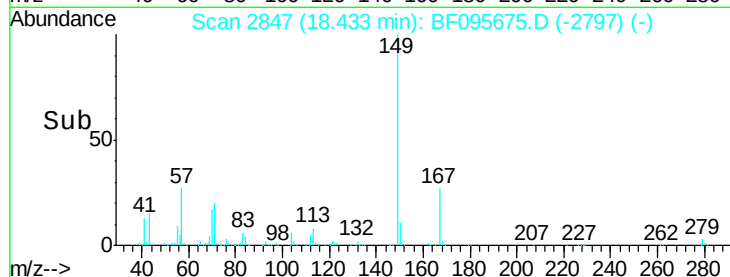
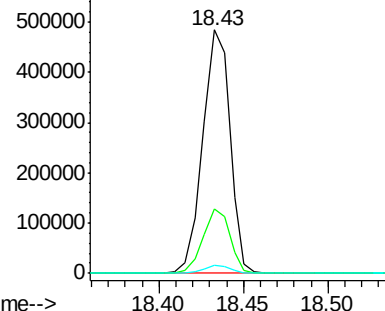
279 3.1 1.9 2.9#



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

Di-n-octyl phthalate

Concen: 41.662 ng

RT: 19.20 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

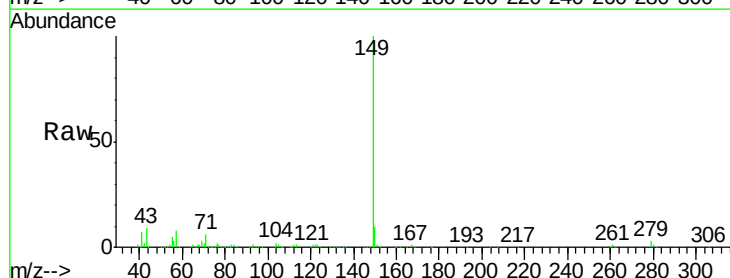
Tgt Ion:149 Resp: 892817

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

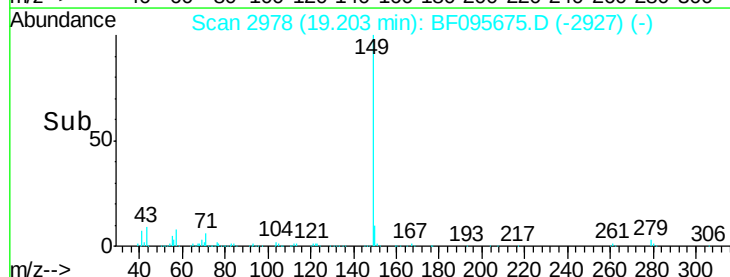
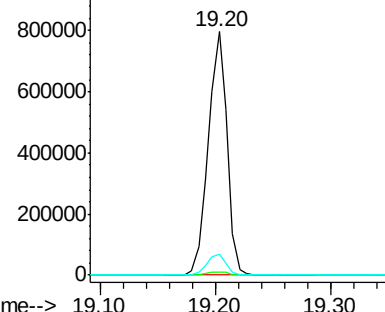
43 8.9 8.5 12.7

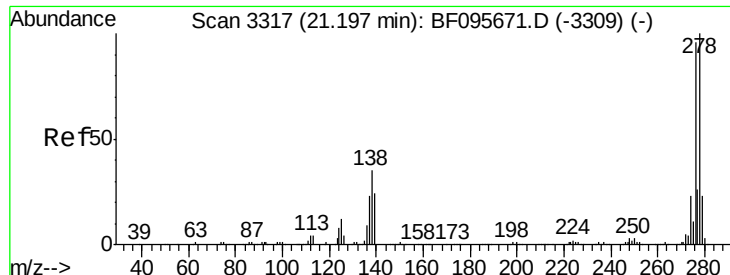


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

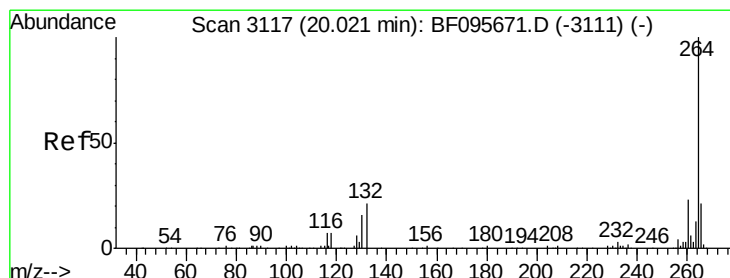
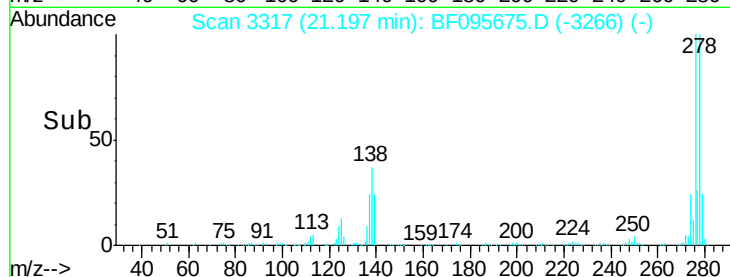
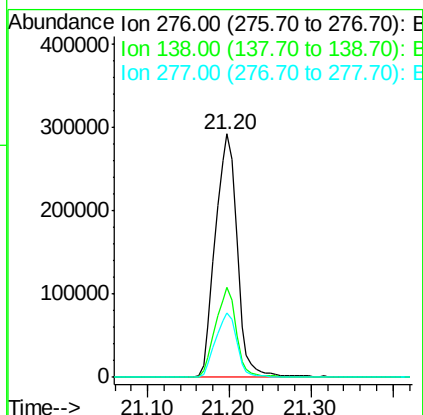
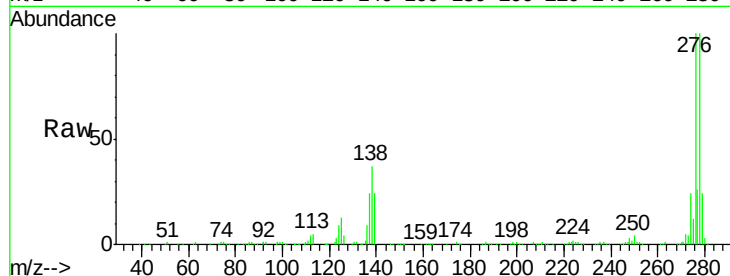




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.883 ng  
 RT: 21.20 min Scan# 3317  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

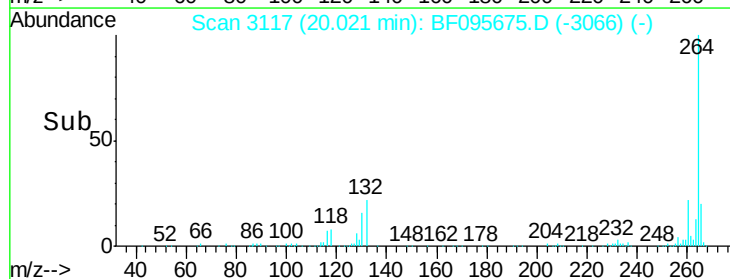
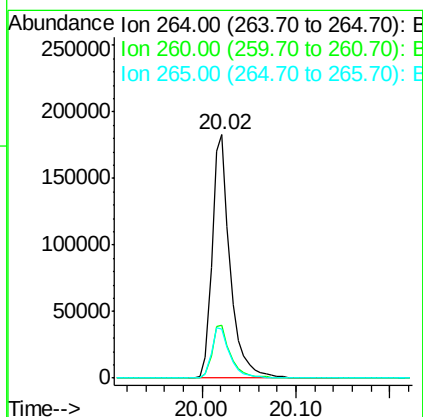
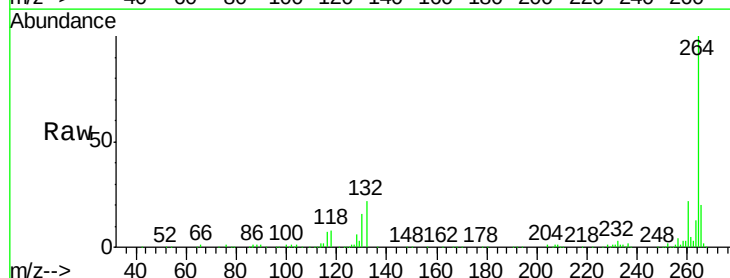
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF060517

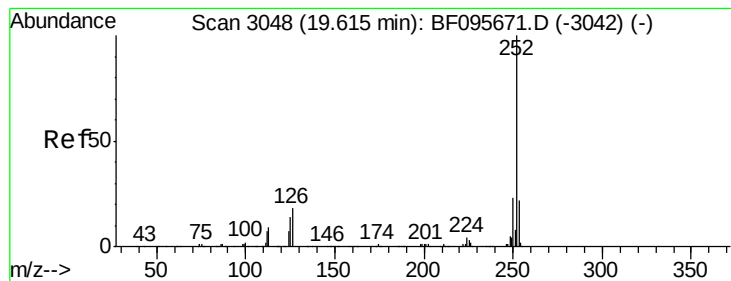
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.5  | 27.8  | 41.6  |
| 277     | 25.8  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 20.02 min Scan# 3117  
 Delta R.T. -0.00 min  
 Lab File: BF095675.D  
 Acq: 5 Jun 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.7  | 19.5  | 29.3  |
| 265     | 20.3  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 42.064 ng

RT: 19.62 min Scan# 3048

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

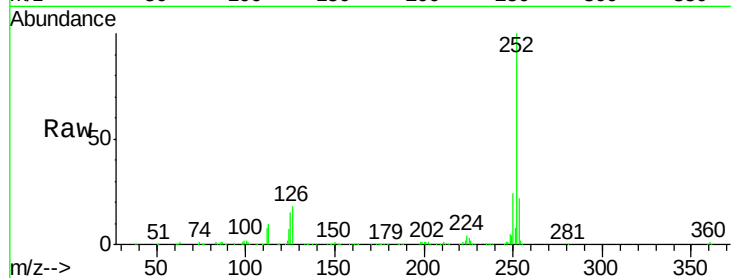
Tgt Ion:252 Resp: 649087

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

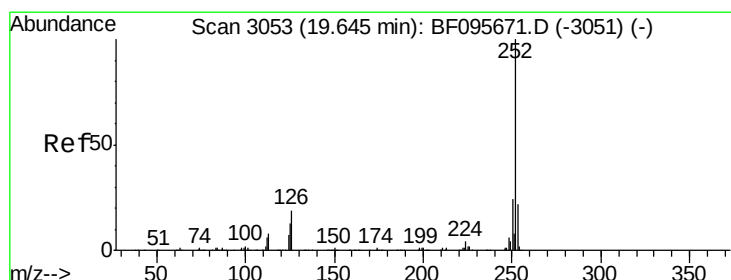
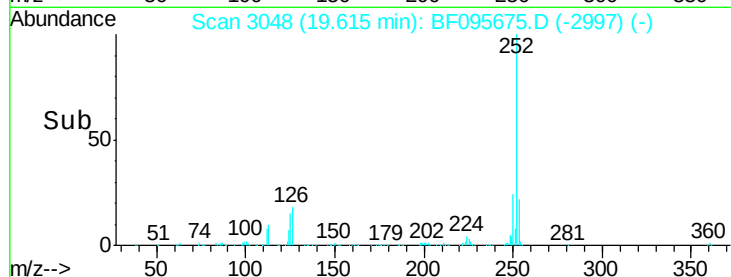
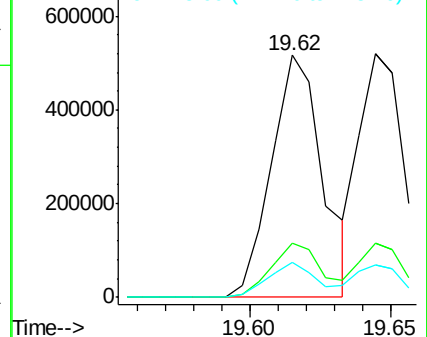
125 14.6 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 40.193 ng

RT: 19.64 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

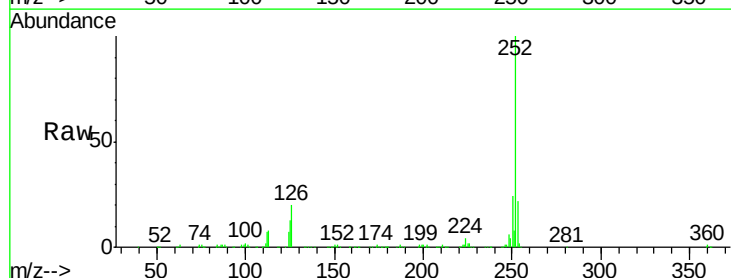
Tgt Ion:252 Resp: 592834

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

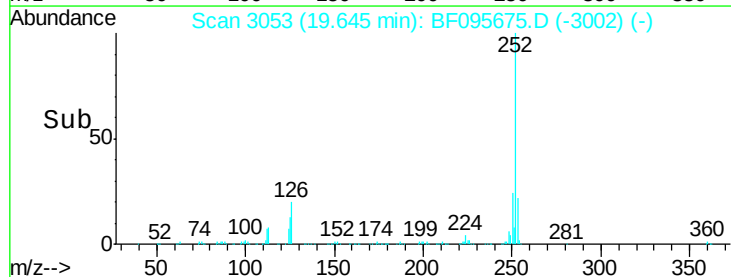
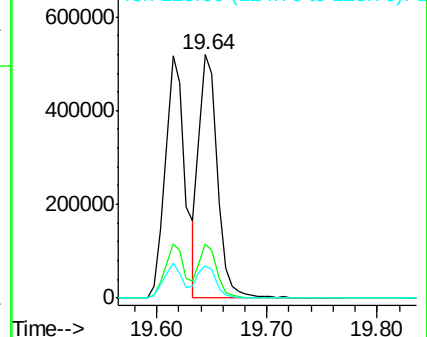
125 13.5 13.1 19.7



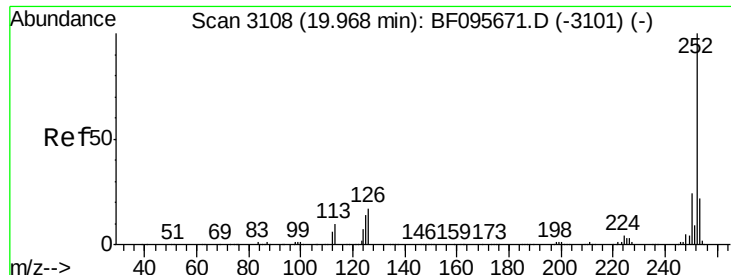
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



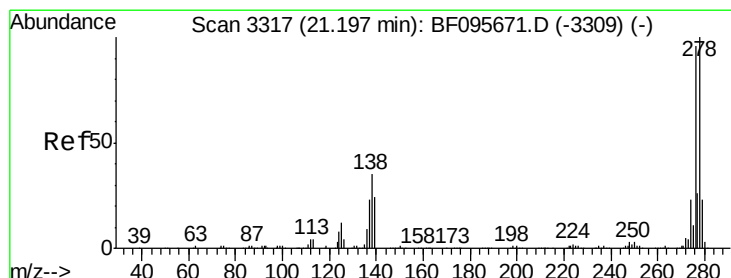
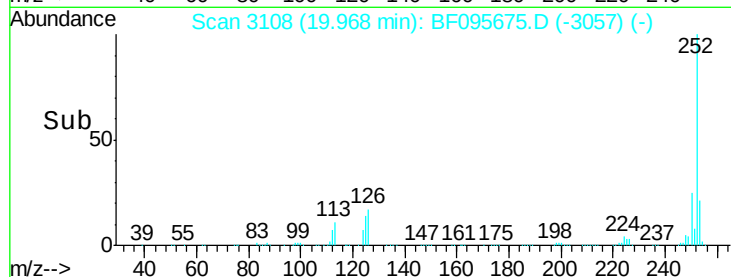
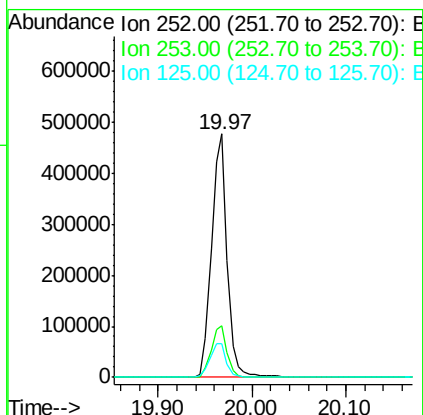
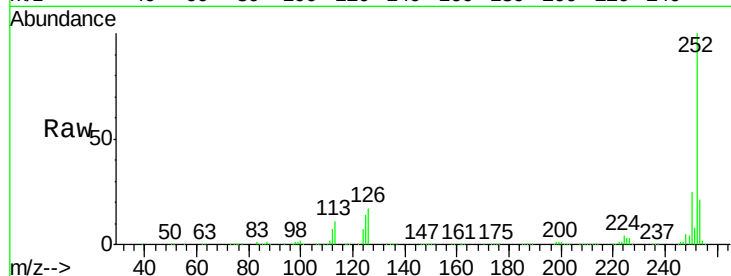




#89  
Benzo(a)pyrene  
Concen: 39.648 ng  
RT: 19.97 min Scan# 3108  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

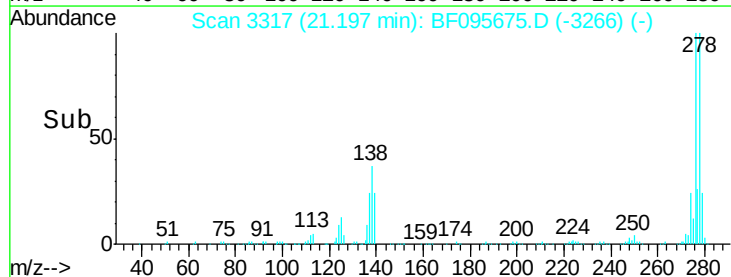
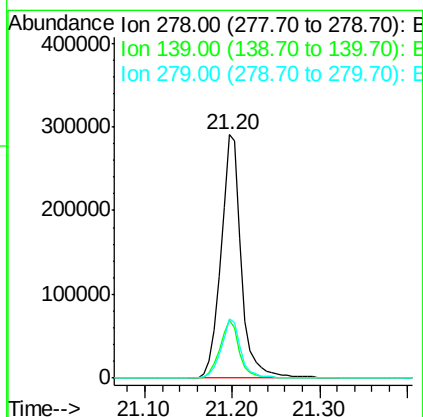
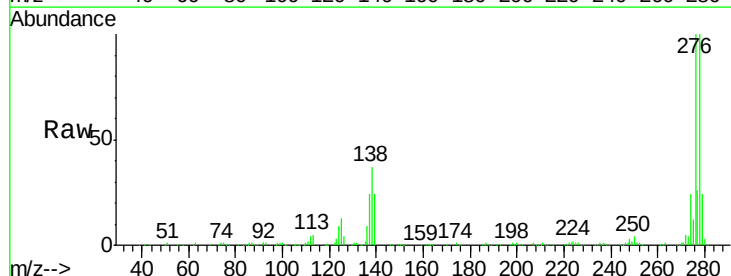
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF060517

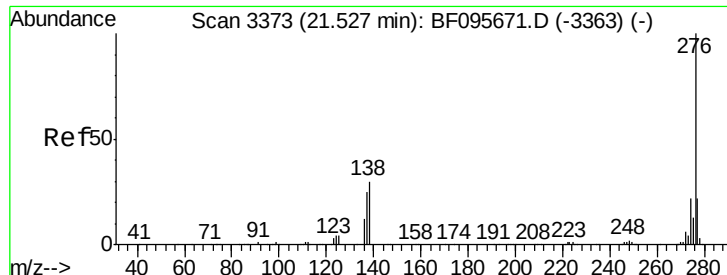
Tgt Ion:252 Resp: 562328  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.5 26.3  
125 13.7 11.0 16.4



#90  
Dibenzo(a,h)anthracene  
Concen: 38.827 ng  
RT: 21.20 min Scan# 3317  
Delta R.T. -0.00 min  
Lab File: BF095675.D  
Acq: 5 Jun 2017 16:09

Tgt Ion:278 Resp: 467120  
Ion Ratio Lower Upper  
278 100  
139 23.6 16.6 24.8  
279 24.4 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 38.908 ng

RT: 21.53 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BF095675.D

Acq: 5 Jun 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

ICVBF060517

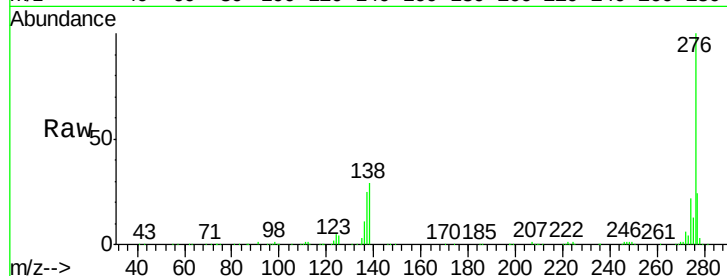
Tgt Ion: 276 Resp: 477225

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 28.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

