

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\  
 Data File : BF081154.D  
 Acq On : 21 Aug 2015 19:45  
 Operator : UM/IZ  
 Sample : G3363-10MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Quant Time: Aug 21 23:30:12 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 21 23:26:22 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.56  | 152  | 60716    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.84  | 136  | 232061   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.59  | 164  | 112057   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.05 | 188  | 214696   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.67 | 240  | 162768   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.00 | 264  | 120496   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.14  | 112 | 480136 | 118.94 | ng | 0.03 |
| 7) Phenol-d6             | 6.22  | 99  | 646745 | 122.79 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.13  | 82  | 465572 | 91.65  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.38 | 330 | 140671 | 144.82 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 8.93  | 172 | 788589 | 92.21  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.64 | 244 | 734737 | 96.77  | ng | 0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.13 | 88  | 66979  | 35.21 | ng | 93     |
| 3) Pyridine                    | 2.71 | 79  | 117520 | 21.89 | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 2.64 | 42  | 112322 | 37.58 | ng | # 77   |
| 6) Aniline                     | 6.22 | 93  | 96800  | 12.64 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.34 | 128 | 195083 | 44.15 | ng | 94     |
| 9) Benzaldehyde                | 6.09 | 77  | 52519  | 15.47 | ng | 94     |
| 10) Phenol                     | 6.23 | 94  | 271372 | 43.63 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 6.31 | 93  | 222436 | 46.60 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 167014 | 35.18 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 6.57 | 146 | 172816 | 36.76 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 6.57 | 146 | 172816 | 39.28 | ng | 97     |
| 15) Benzyl Alcohol             | 6.72 | 79  | 187550 | 44.01 | ng | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.86 | 45  | 397836 | 42.42 | ng | 97     |
| 17) 2-Methylphenol             | 6.84 | 107 | 154244 | 40.69 | ng | 96     |
| 18) Hexachloroethane           | 7.06 | 117 | 66545  | 35.03 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 7.00 | 70  | 165719 | 45.42 | ng | 88     |
| 20) 3+4-Methylphenols          | 7.00 | 107 | 206831 | 42.98 | ng | # 45   |
| 22) Acetophenone               | 6.98 | 105 | 300832 | 49.38 | ng | # 86   |
| 24) Nitrobenzene               | 7.14 | 77  | 229042 | 43.12 | ng | 92     |
| 25) Isophorone                 | 7.40 | 82  | 426939 | 45.07 | ng | 96     |
| 26) 2-Nitrophenol              | 7.46 | 139 | 94330  | 42.70 | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 7.52 | 122 | 189313 | 48.45 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.61 | 93  | 252685 | 45.15 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.72 | 162 | 160876 | 48.90 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.78 | 180 | 158640 | 43.39 | ng | 96     |
| 31) Naphthalene                | 7.86 | 128 | 531130 | 41.06 | ng | 99     |
| 32) Benzoic acid               | 7.66 | 122 | 121779 | 55.40 | ng | 95     |
| 33) 4-Chloroaniline            | 7.92 | 127 | 44783  | 8.20  | ng | 93     |
| 34) Hexachlorobutadiene        | 7.99 | 225 | 91496  | 44.25 | ng | 98     |
| 35) Caprolactam                | 8.30 | 113 | 32331  | 28.12 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 8.42 | 107 | 199534 | 50.89 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 344088 | 42.11 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.72 | 216 | 150008 | 41.49 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.71 | 237 | 85790  | 45.85 | ng | 98     |

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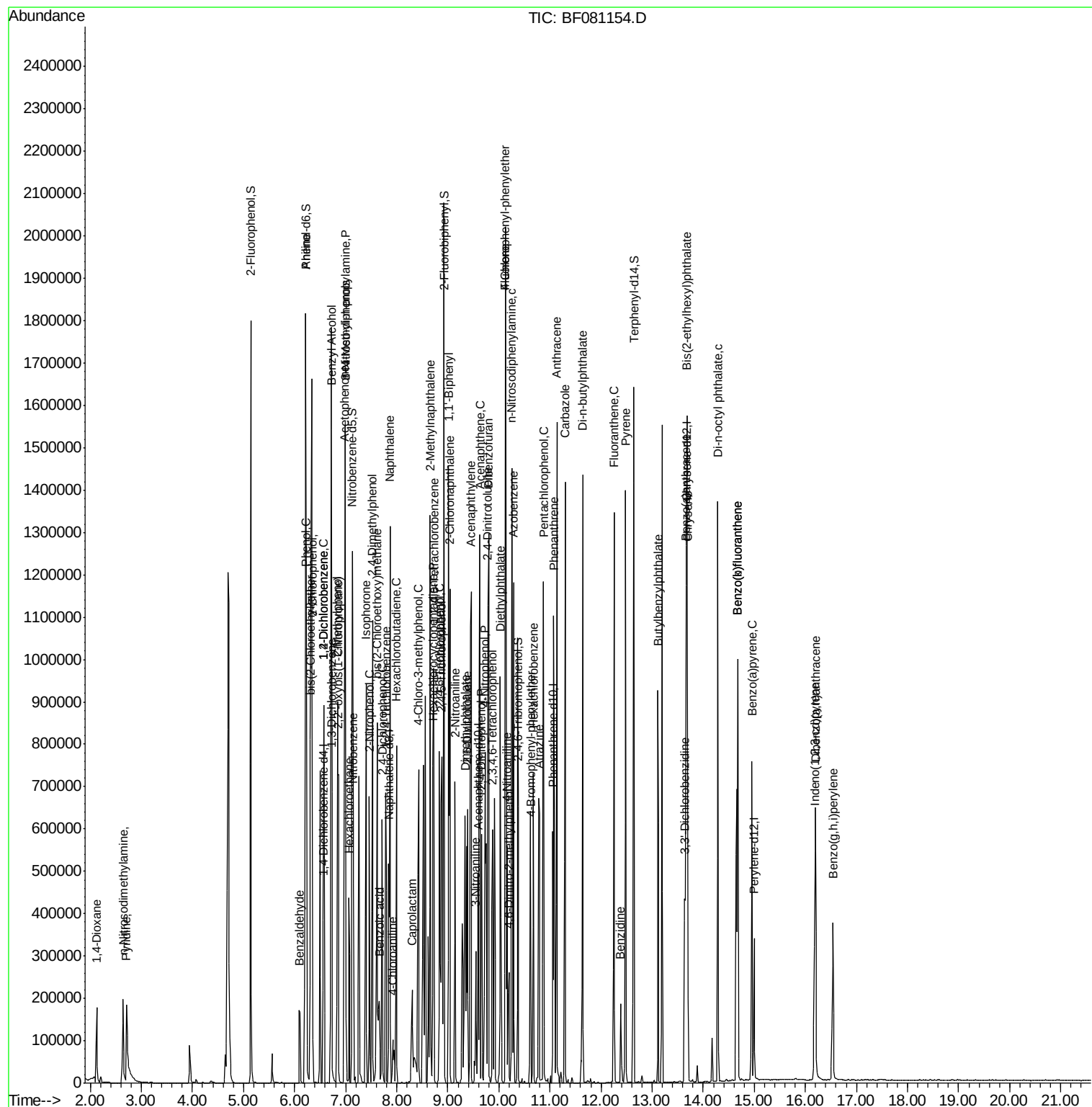
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.84  | 196  | 102029   | 39.95 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.88  | 196  | 110938   | 43.46 | nq    | # 89     |
| 45) 1,1'-Biphenyl              | 9.02  | 154  | 422569   | 42.81 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.04  | 162  | 349005   | 44.01 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.14  | 65   | 150087   | 46.25 | nq    | # 84     |
| 48) Acenaphthylene             | 9.45  | 152  | 592063   | 41.74 | nq    | 99       |
| 49) Dimethylphthalate          | 9.34  | 163  | 417842   | 45.28 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.38  | 165  | 82048    | 41.41 | nq    | # 62     |
| 51) Acenaphthene               | 9.62  | 154  | 347937   | 40.97 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.54  | 138  | 50614    | 20.41 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 9.66  | 184  | 63124    | 60.63 | nq    | # 79     |
| 54) Dibenzofuran               | 9.80  | 168  | 512330   | 45.02 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.73  | 139  | 130485   | 74.93 | nq    | # 84     |
| 56) 2,4-Dinitrotoluene         | 9.78  | 165  | 109334   | 41.63 | nq    | # 58     |
| 57) Fluorene                   | 10.13 | 166  | 360053   | 41.13 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.88  | 232  | 98554    | 49.88 | nq    | 91       |
| 59) Diethylphthalate           | 10.02 | 149  | 400495   | 41.00 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.13 | 204  | 156655   | 42.29 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.16 | 138  | 83782    | 33.06 | nq    | 93       |
| 62) Azobenzene                 | 10.29 | 77   | 494845   | 43.96 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198  | 43588    | 34.00 | nq    | # 50     |
| 65) n-Nitrosodiphenylamine     | 10.25 | 169  | 342969   | 44.75 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.62 | 248  | 101053   | 47.91 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.68 | 284  | 105040   | 49.18 | nq    | 97       |
| 68) Atrazine                   | 10.79 | 200  | 115866   | 54.26 | nq    | 95       |
| 69) Pentachlorophenol          | 10.87 | 266  | 112264   | 87.60 | nq    | 100      |
| 70) Phenanthrene               | 11.08 | 178  | 527951   | 41.49 | nq    | 99       |
| 71) Anthracene                 | 11.13 | 178  | 567673   | 45.85 | nq    | 99       |
| 72) Carbazole                  | 11.29 | 167  | 582381   | 48.85 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.64 | 149  | 656095   | 45.48 | nq    | 99       |
| 74) Fluoranthene               | 12.25 | 202  | 530543   | 38.64 | nq    | 92       |
| 76) Benzidine                  | 12.38 | 184  | 91011    | 14.80 | nq    | 98       |
| 77) Pyrene                     | 12.48 | 202  | 615888   | 46.55 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.11 | 149  | 274932   | 48.34 | nq    | # 60     |
| 80) Benzo(a)anthracene         | 13.66 | 228  | 462162   | 42.34 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.64 | 252  | 124000   | 35.07 | nq    | # 94     |
| 82) Chrysene                   | 13.69 | 228  | 347634   | 35.34 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.68 | 149  | 398829   | 54.74 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.29 | 149  | 650015   | 58.70 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.19 | 276  | 332771   | 48.18 | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 14.68 | 252  | 723903   | 84.93 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 14.68 | 252  | 723903   | 91.15 | nq    | # 97     |
| 89) Benzo(a)pyrene             | 14.95 | 252  | 348475   | 46.92 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.20 | 278  | 282766   | 48.87 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 16.54 | 276  | 263826   | 44.94 | nq    | # 92     |

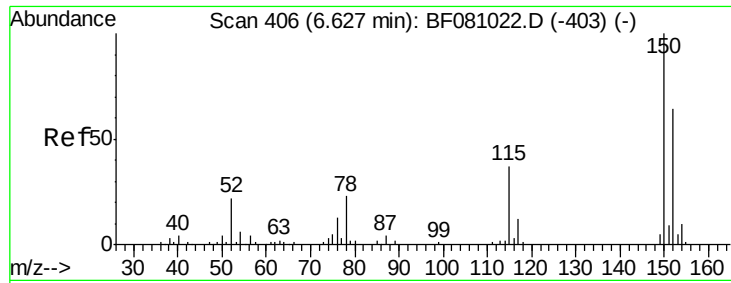
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

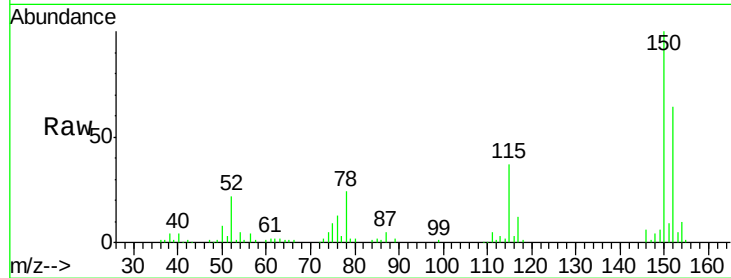
Tot Ion:152 Resp: 60716

Ion Ratio Lower Upper

152 100

150 156.6 123.8 185.6

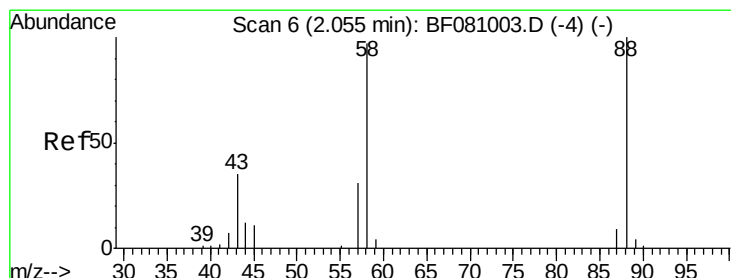
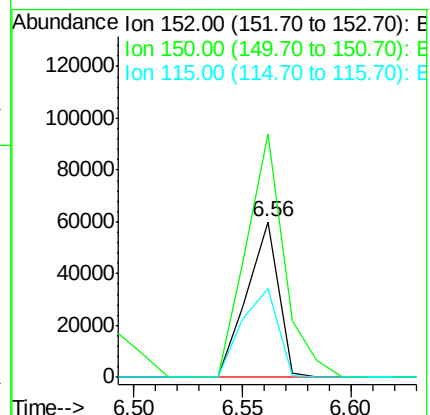
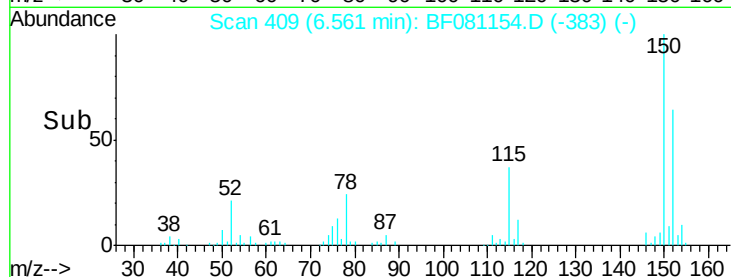
115 57.4 52.1 78.1



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: 35.21 ng

RT: 2.13 min Scan# 21

Delta R.T. 0.18 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

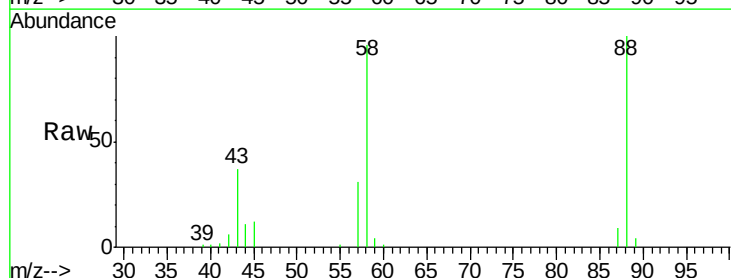
Tgt Ion: 88 Resp: 66979

Ion Ratio Lower Upper

88 100

58 100.8 83.7 125.5

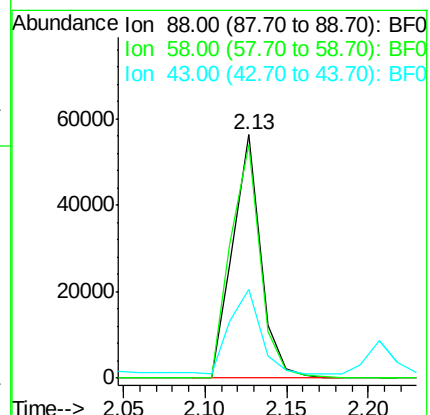
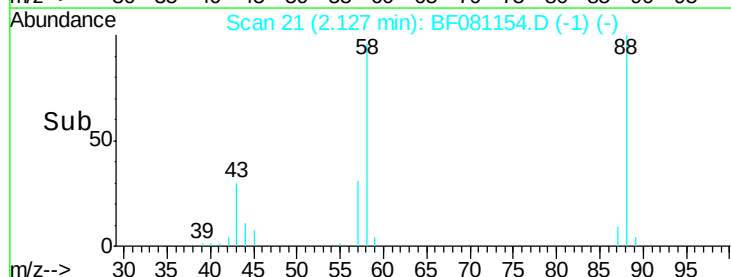
43 38.0 37.5 56.3

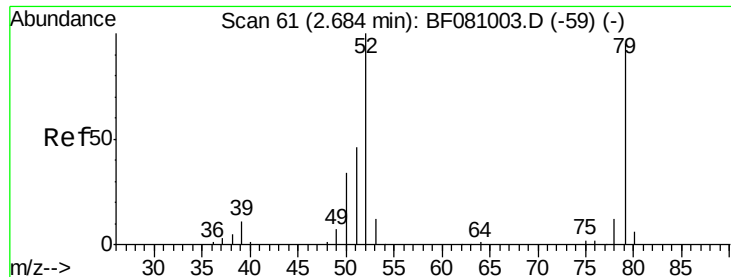


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.89 ng

RT: 2.71 min Scan# 72

Delta R.T. 0.15 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

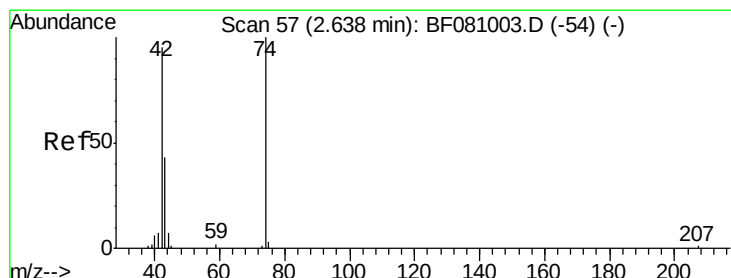
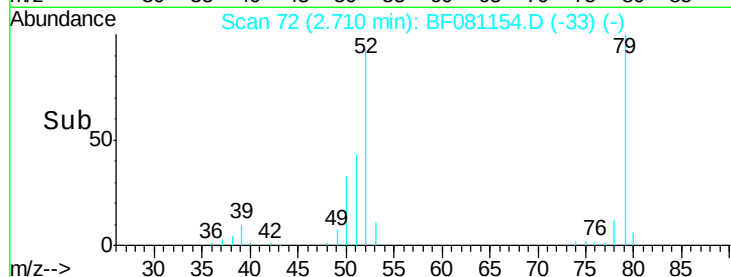
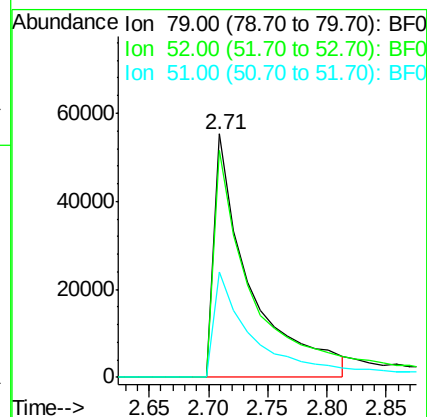
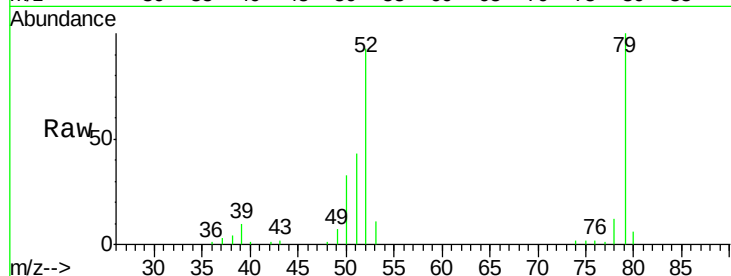
Tot Ion: 79 Resp: 117520

Ion Ratio Lower Upper

79 100

52 93.2 95.1 142.7#

51 43.4 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 37.58 ng

RT: 2.64 min Scan# 66

Delta R.T. 0.13 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

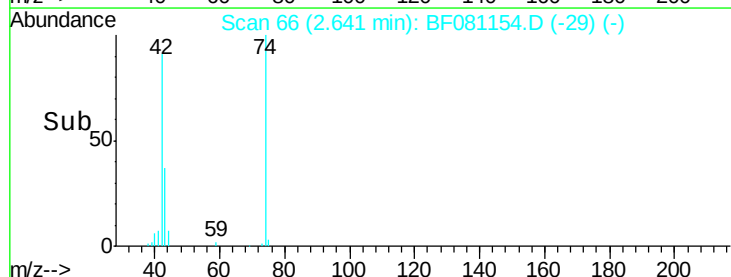
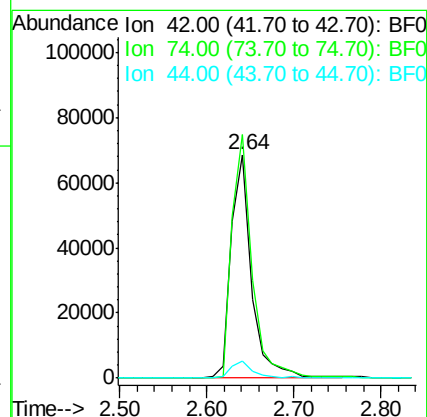
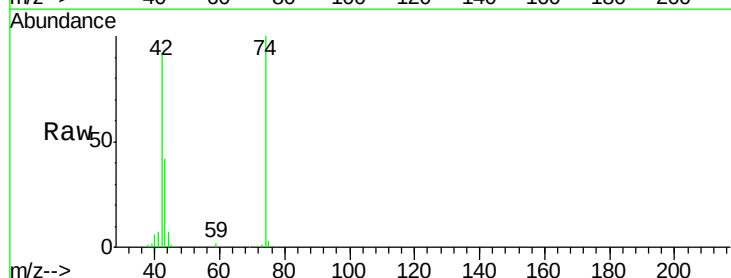
Tgt Ion: 42 Resp: 112322

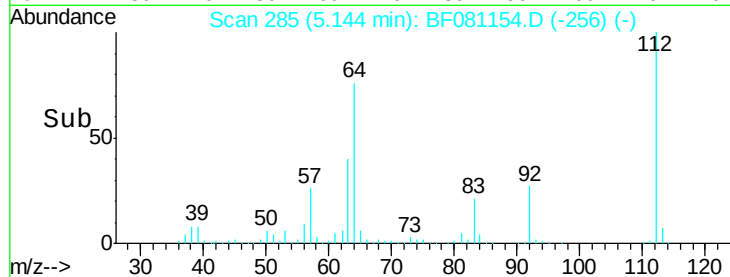
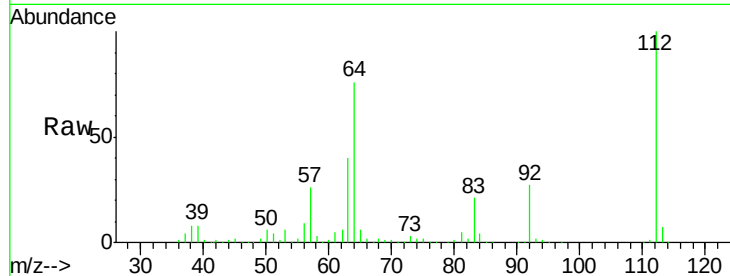
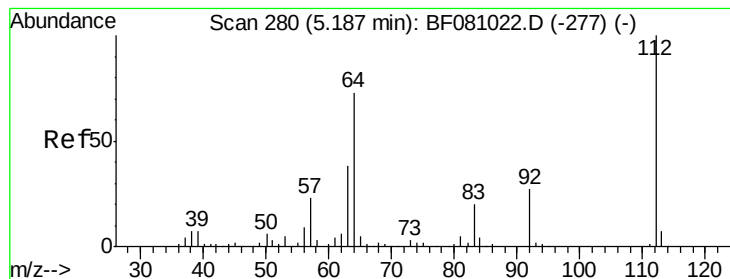
Ion Ratio Lower Upper

42 100

74 109.1 69.3 103.9#

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 118.94 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.03 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

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ClientSampleId :

TEC-C1MS

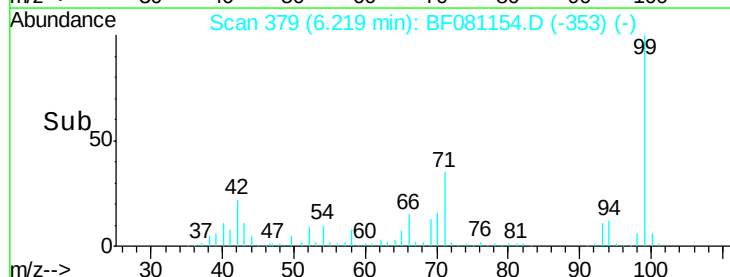
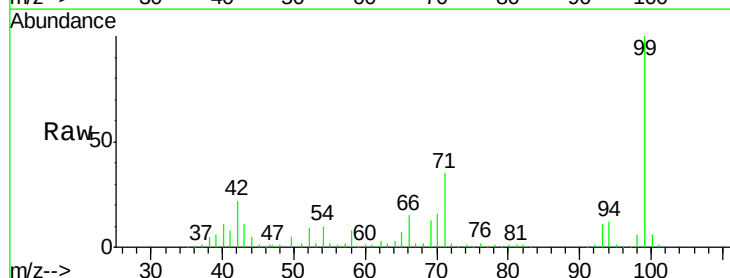
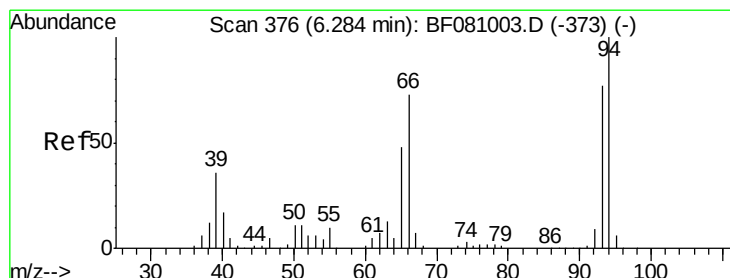
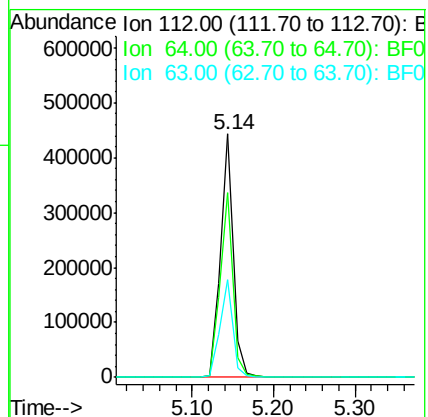
Tot Ion:112 Resp: 480136

Ion Ratio Lower Upper

112 100

64 76.0 66.9 100.3

63 40.1 38.1 57.1



#6

Aniline

Concen: 12.64 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

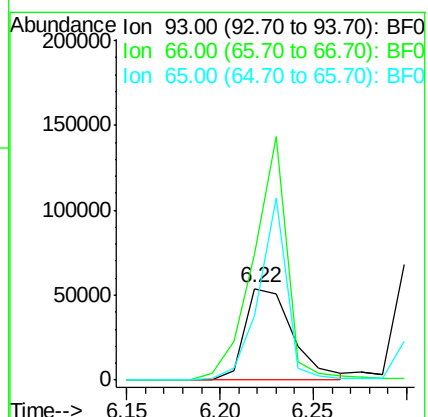
Tgt Ion: 93 Resp: 96800

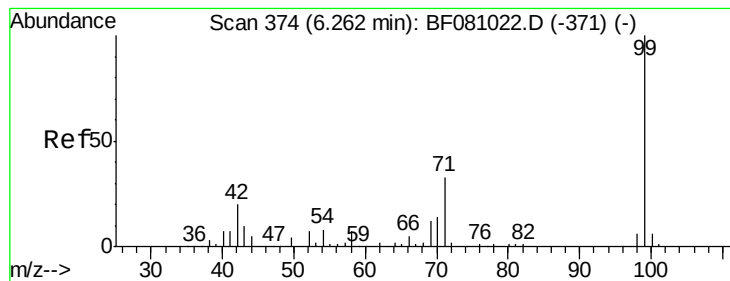
Ion Ratio Lower Upper

93 100

66 137.7 35.6 53.4#

65 70.0 18.7 28.1#





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

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ClientSampleId :

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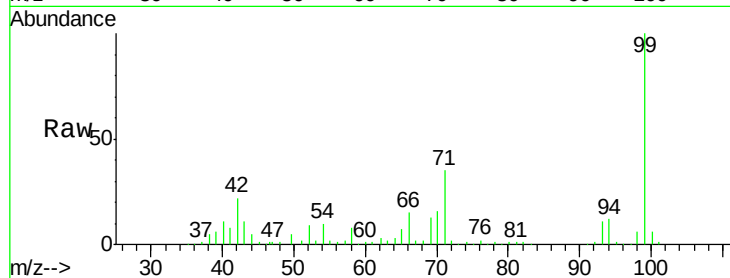
Tot Ion: 99 Resp: 646745

Ion Ratio Lower Upper

99 100

42 21.7 19.6 29.4

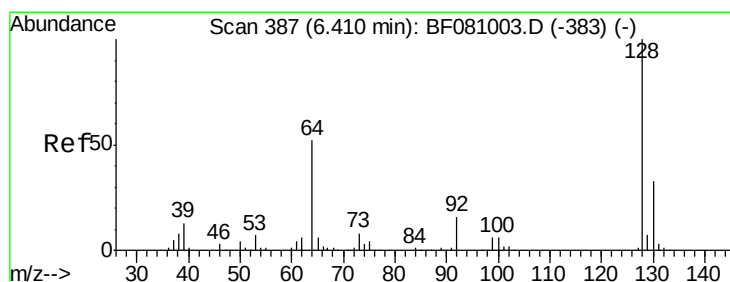
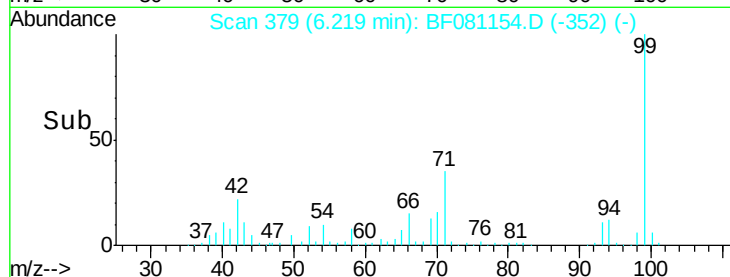
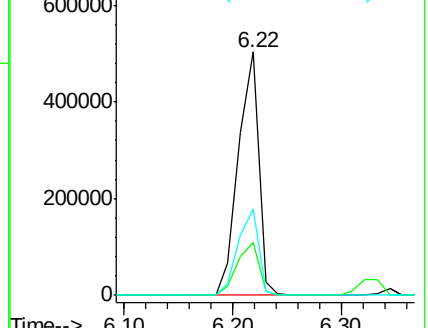
71 35.2 31.2 46.8



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: 44.15 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

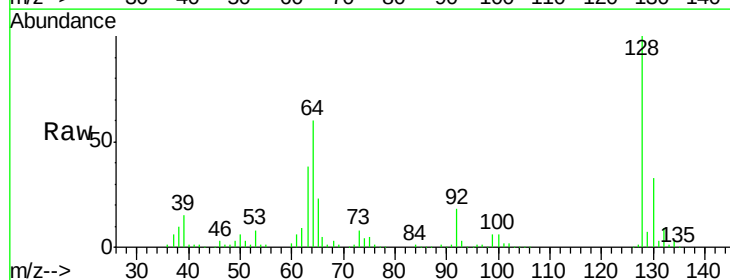
Tgt Ion:128 Resp: 195083

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

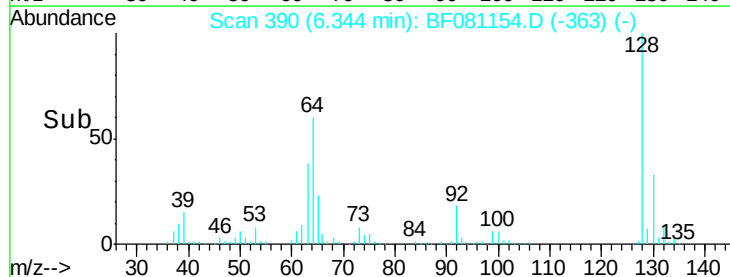
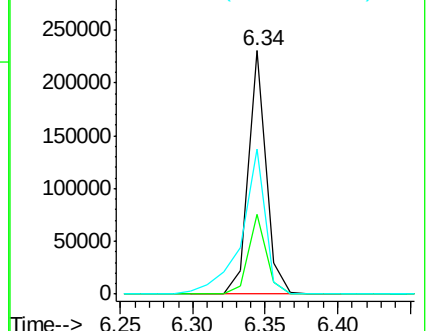
64 59.8 46.8 86.8



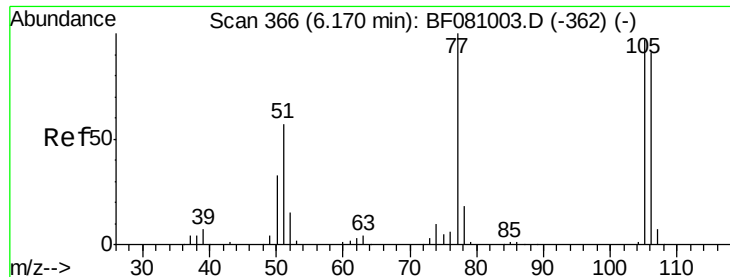
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 15.47 ng

RT: 6.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

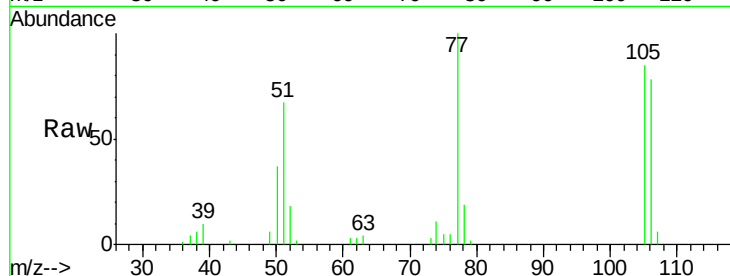
Tot Ion: 77 Resp: 52519

Ion Ratio Lower Upper

77 100

105 84.6 69.6 109.6

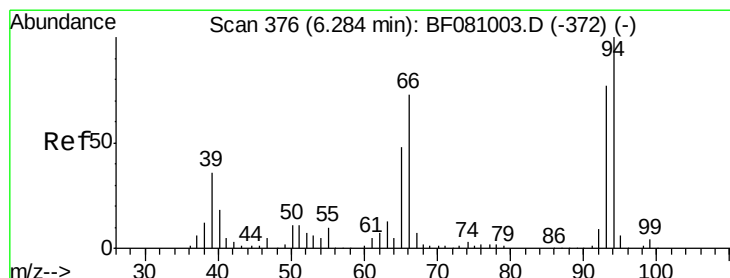
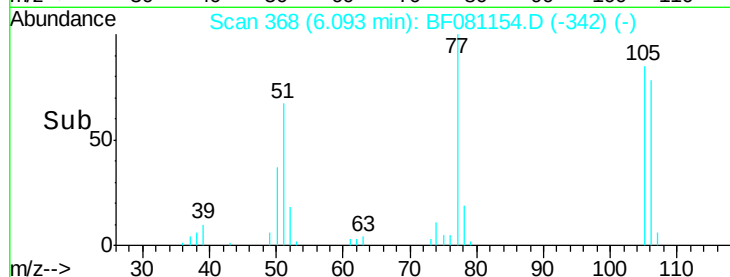
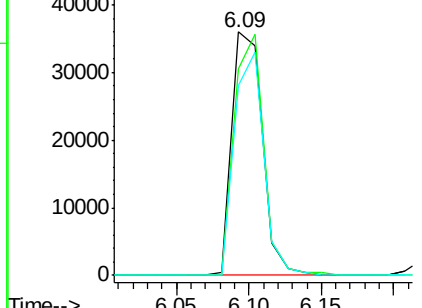
106 78.0 64.0 104.0



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: 43.63 ng

RT: 6.23 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

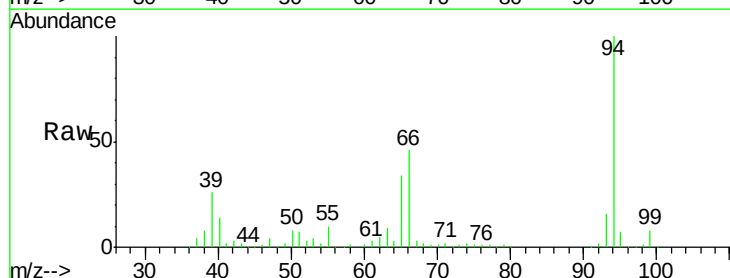
Tgt Ion: 94 Resp: 271372

Ion Ratio Lower Upper

94 100

65 34.4 28.4 68.4

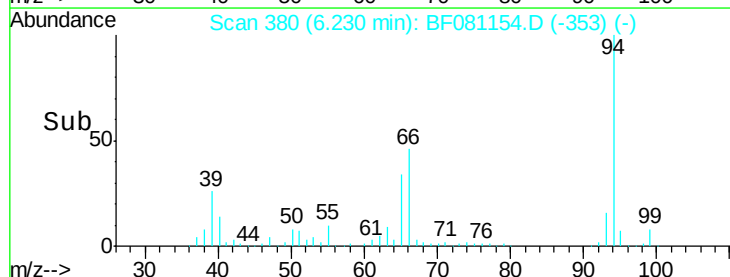
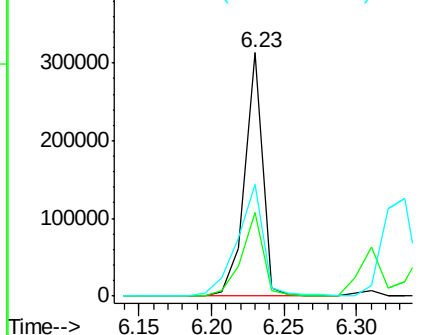
66 45.8 52.3 92.3#



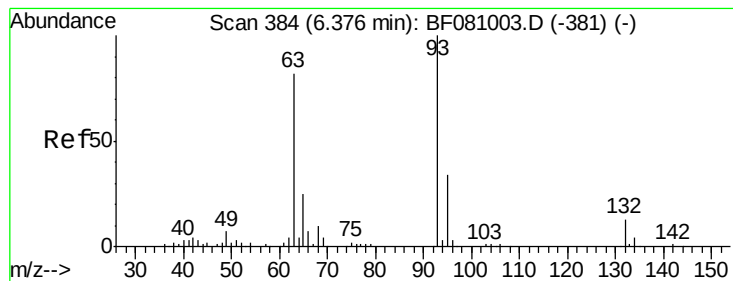
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 46.60 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

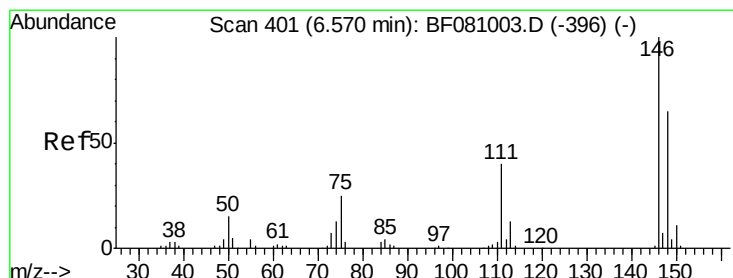
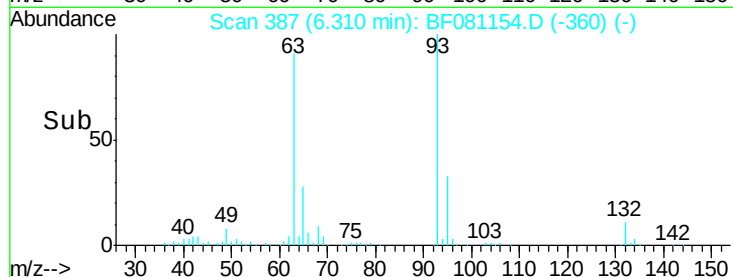
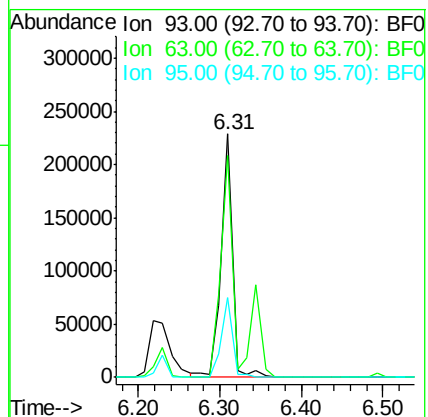
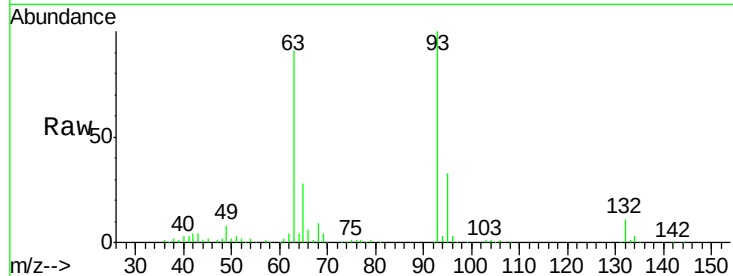
Tot Ion: 93 Resp: 222436

Ion Ratio Lower Upper

93 100

63 91.3 69.6 109.6

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.18 ng

RT: 6.73 min Scan# 424

Delta R.T. 0.24 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

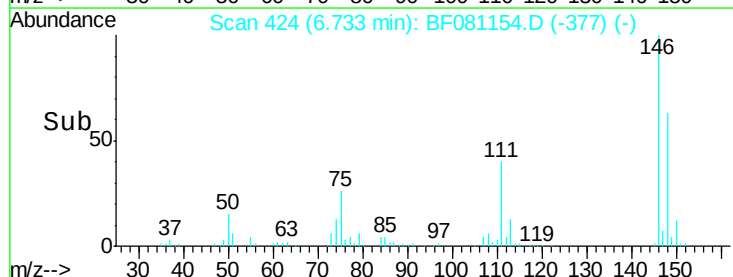
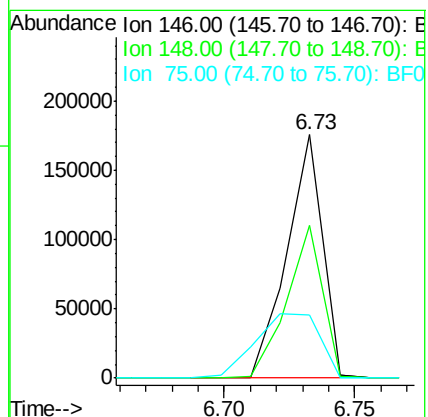
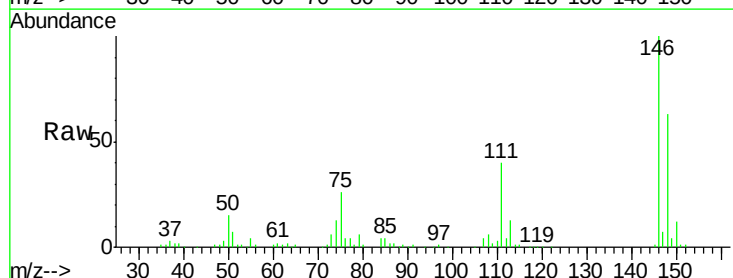
Tgt Ion: 146 Resp: 167014

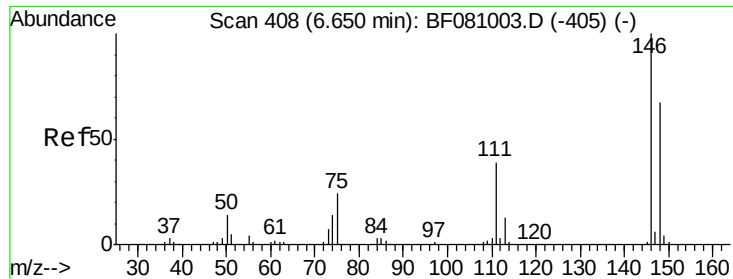
Ion Ratio Lower Upper

146 100

148 62.8 53.3 79.9

75 25.7 25.0 37.6

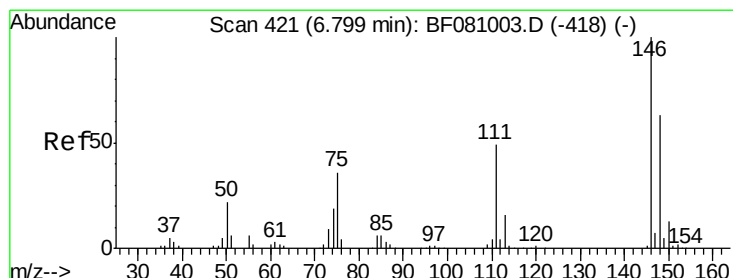
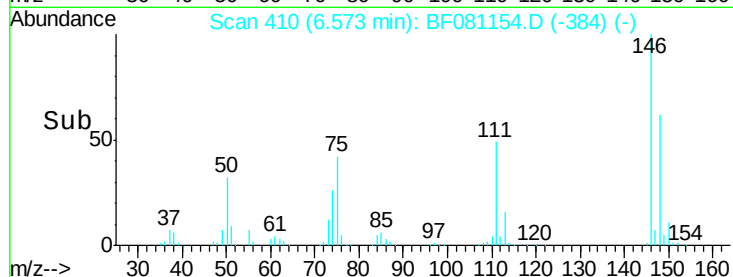
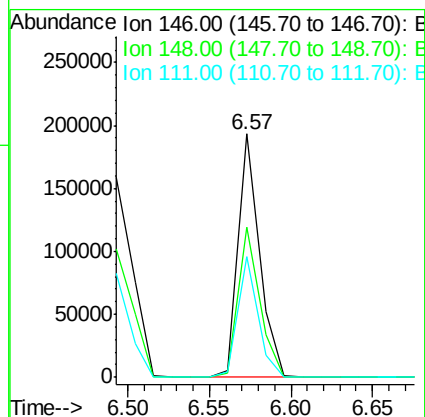
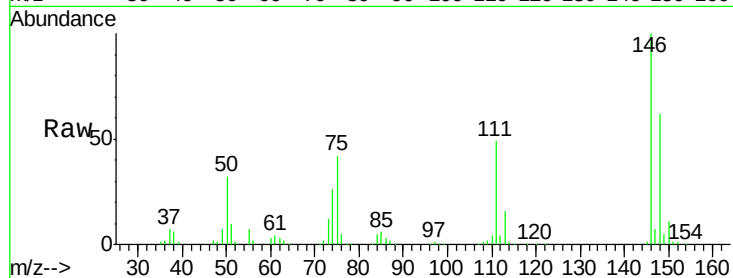




#13  
 1,4-Dichlorobenzene  
 Concen: 36.76 ng  
 RT: 6.57 min Scan# 410  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

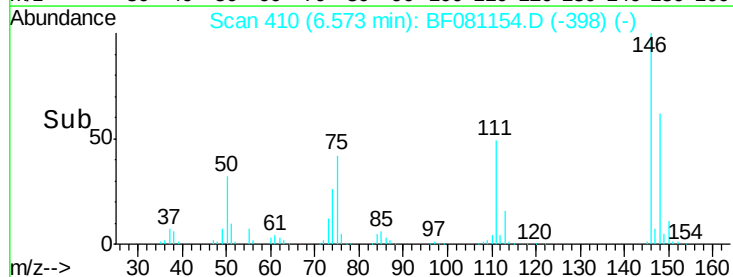
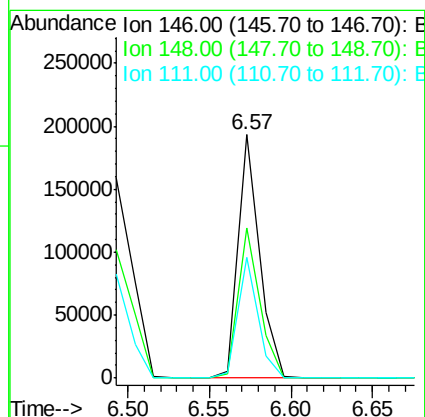
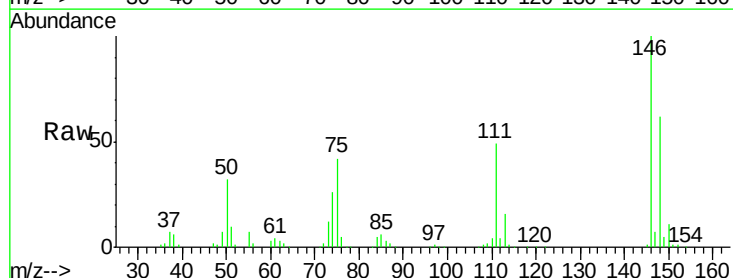
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

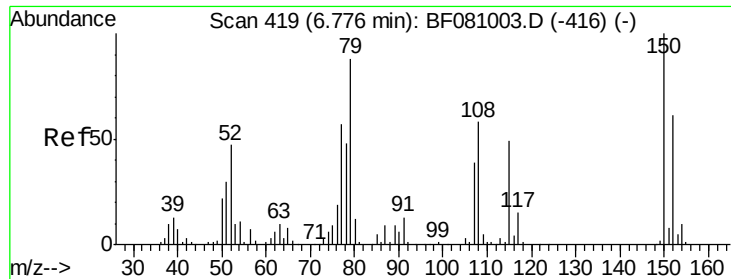
Tot Ion:146 Resp: 172816  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 52.3 78.5  
 111 49.4 34.4 51.6



#14  
 1,2-Dichlorobenzene  
 Concen: 39.28 ng  
 RT: 6.57 min Scan# 410  
 Delta R.T. -0.16 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:146 Resp: 172816  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 48.7 73.1  
 111 49.4 42.3 63.5

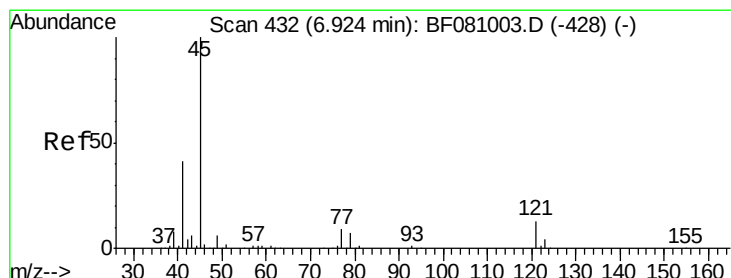
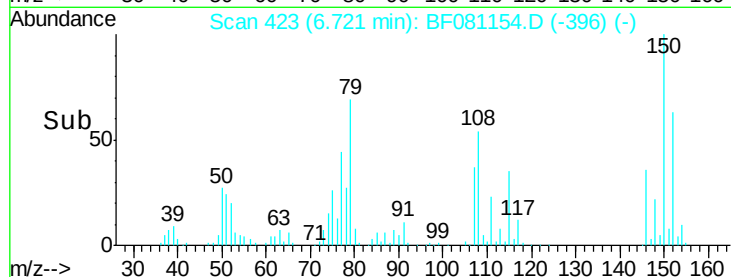
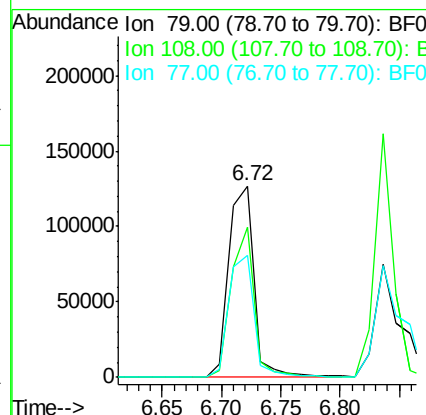
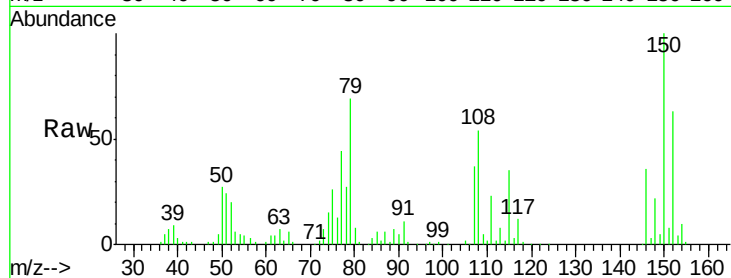




#15  
Benzyl Alcohol  
Concen: 44.01 ng  
RT: 6.72 min Scan# 423  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

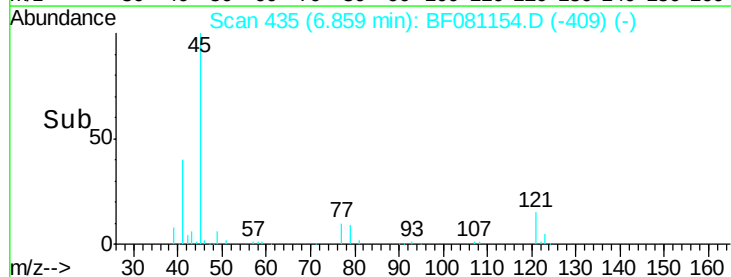
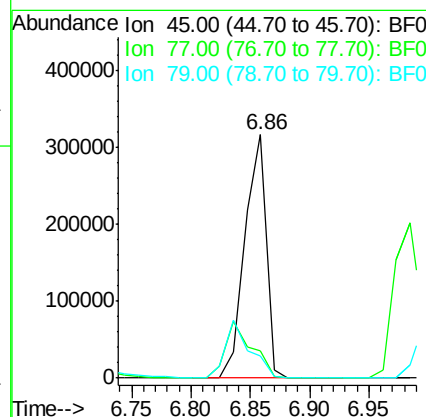
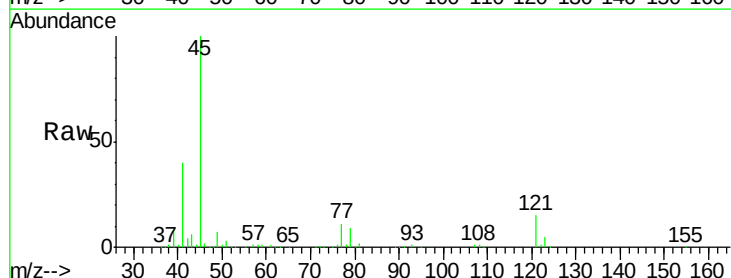
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

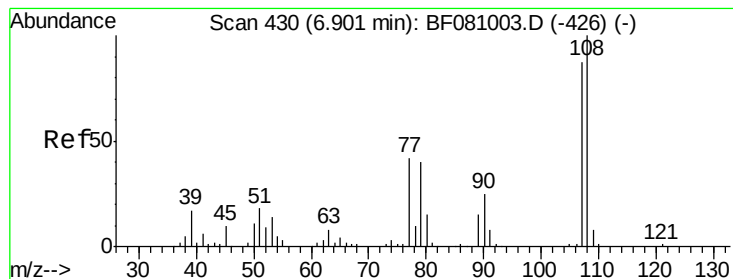
Tot Ion: 79 Resp: 187550  
Ion Ratio Lower Upper  
79 100  
108 78.4 49.4 74.2#  
77 63.7 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.42 ng  
RT: 6.86 min Scan# 435  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion: 45 Resp: 397836  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 30.2  
79 9.2 0.0 28.0





#17

2-Methylphenol

Concen: 40.69 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampled :

TEC-C1MS

Tot Ion:107 Resp: 154244

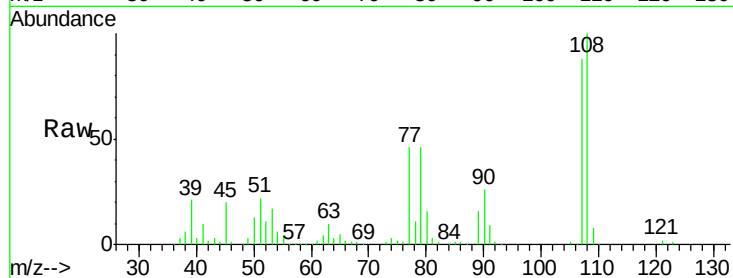
Ion Ratio Lower Upper

107 100

108 113.8 90.4 135.6

77 52.3 46.5 69.7

79 52.8 46.3 69.5

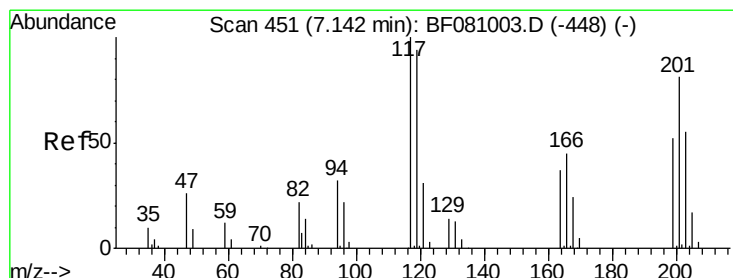
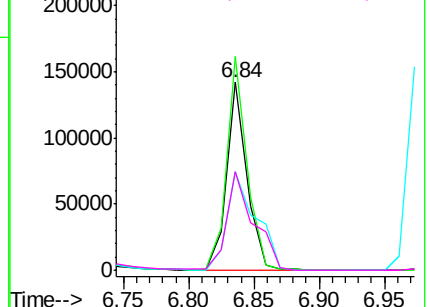
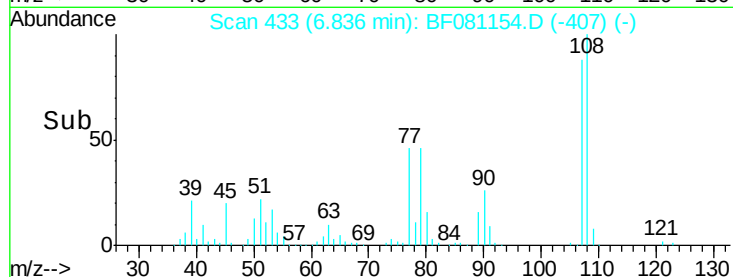


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.03 ng

RT: 7.06 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

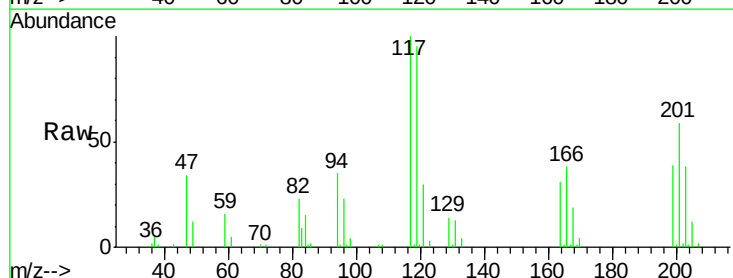
Tgt Ion:117 Resp: 66545

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

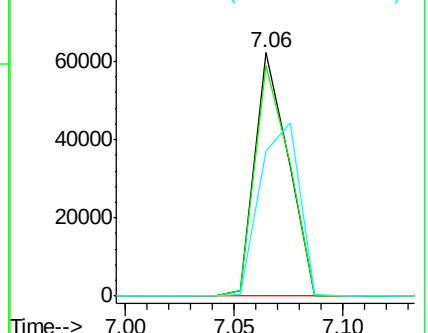
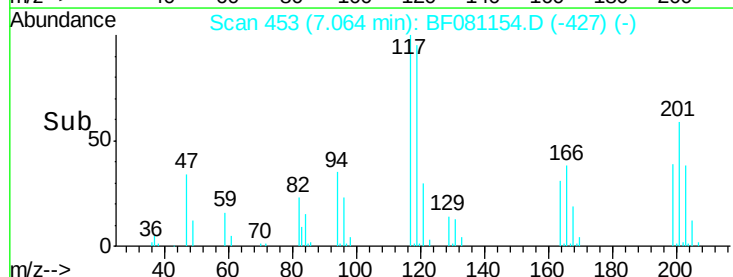
201 59.4 61.3 91.9#

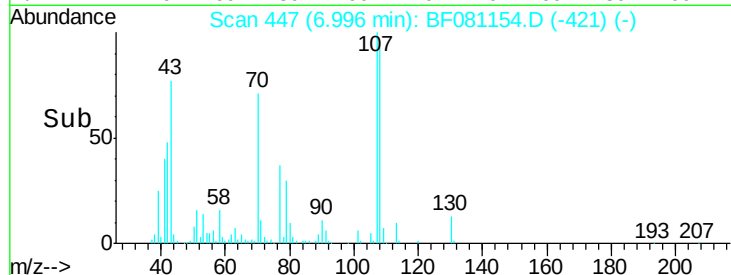
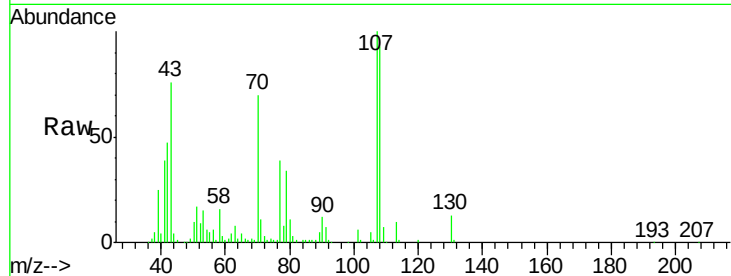
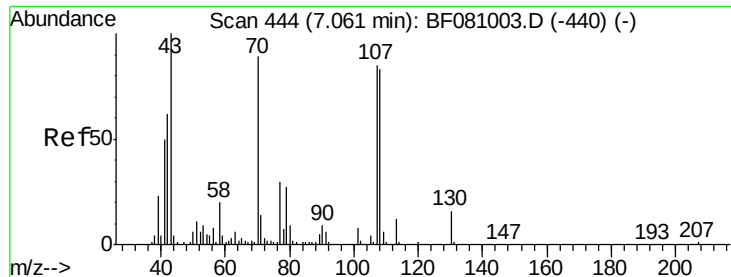


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

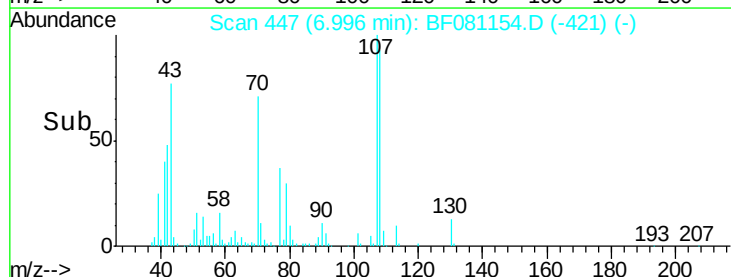
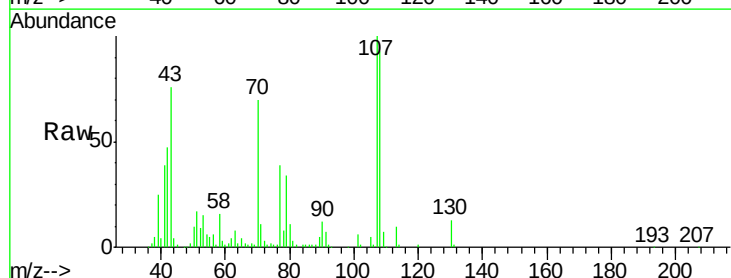
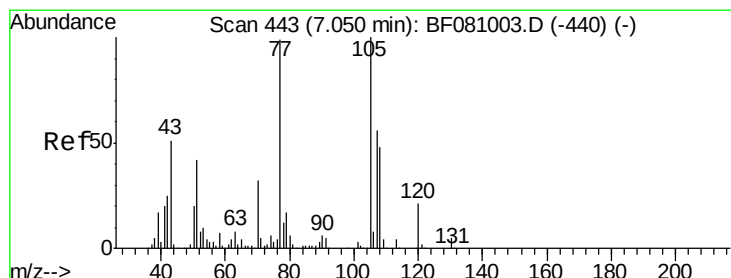
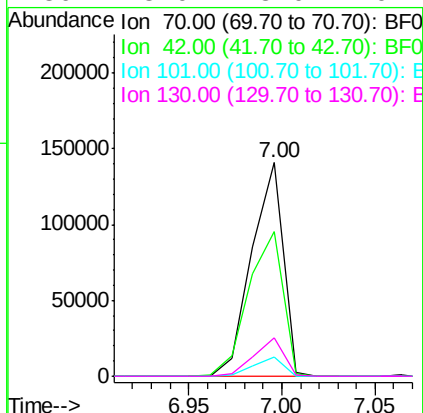




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.42 ng  
RT: 7.00 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

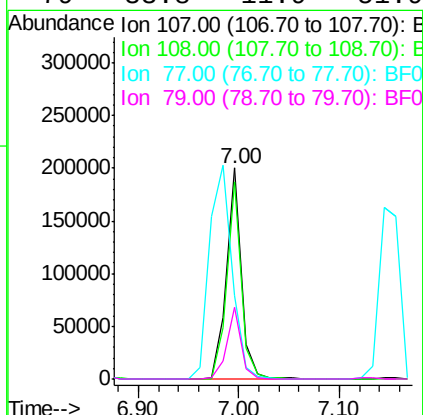
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

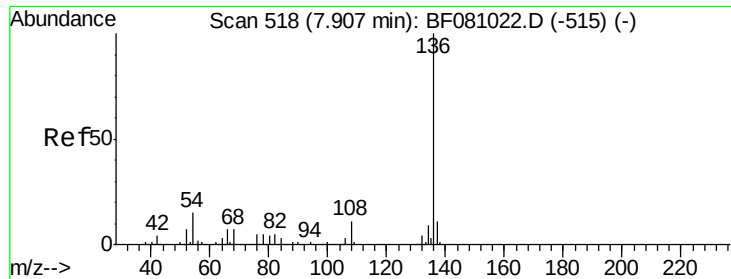
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 165719 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.5  | 65.0  | 97.4   |
| 101      | 8.9   | 7.4   | 11.2   |
| 130      | 18.0  | 13.0  | 19.4   |



#20  
3+4-Methylphenols  
Concen: 42.98 ng  
RT: 7.00 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 206831 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.5  | 66.1  | 106.1  |
| 77       | 39.2  | 139.3 | 179.3# |
| 79       | 33.8  | 11.9  | 51.9   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

Tot Ion:136 Resp: 232061

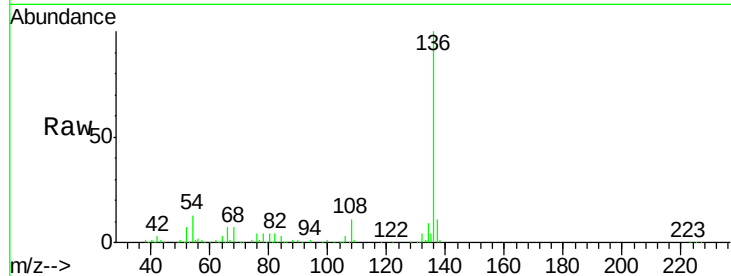
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 12.9 7.7 11.5#

68 6.6 3.4 5.2#

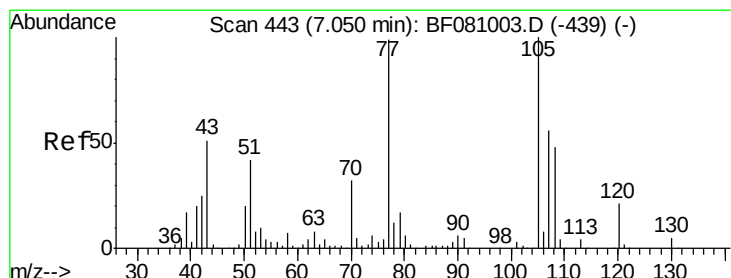
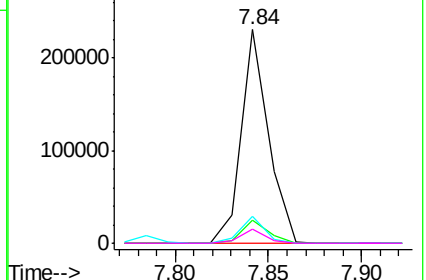
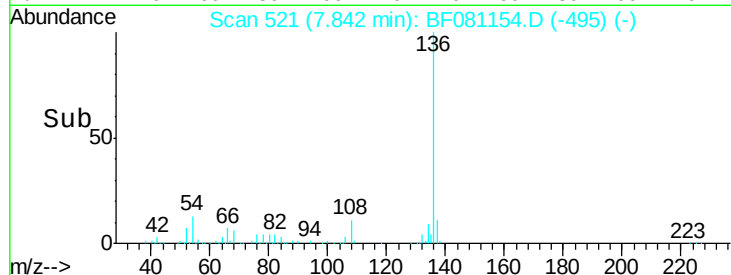


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.38 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:105 Resp: 300832

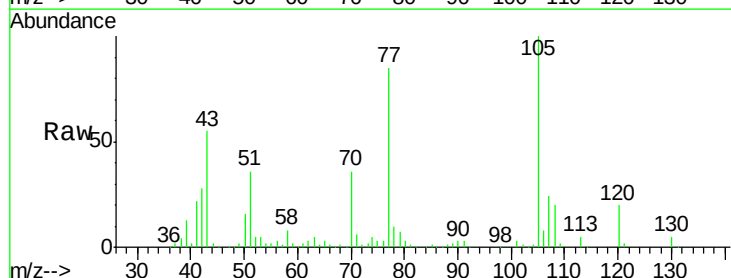
Ion Ratio Lower Upper

105 100

71 6.0 3.0 4.6#

51 36.1 39.8 59.8#

120 19.9 15.8 23.8

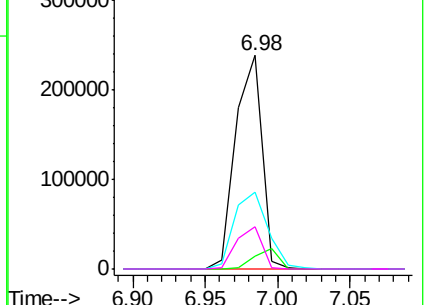
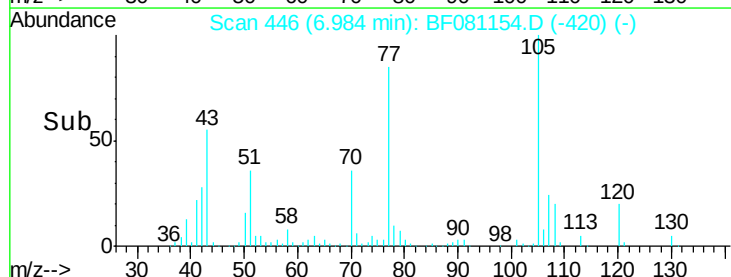


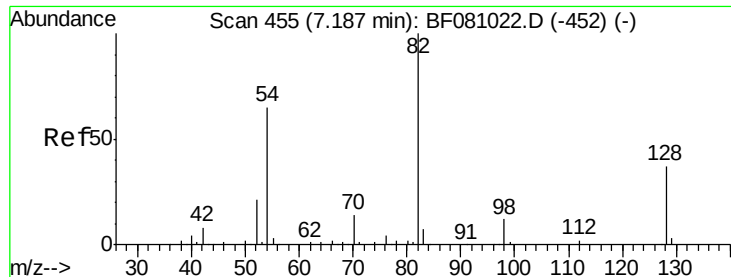
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

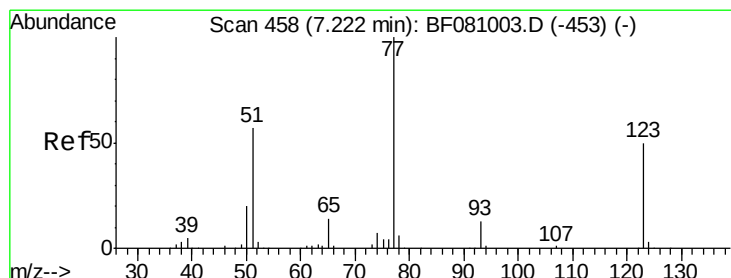
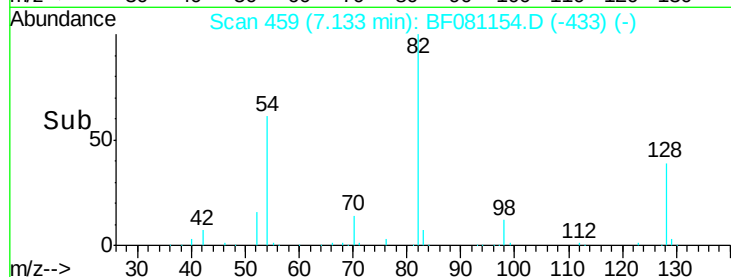
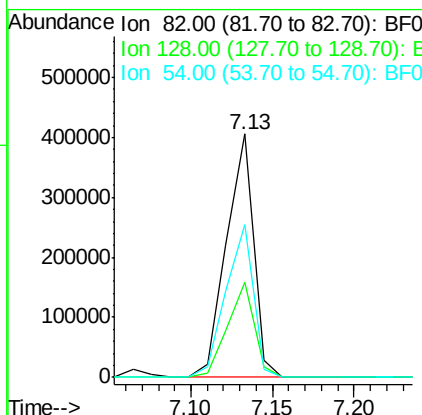
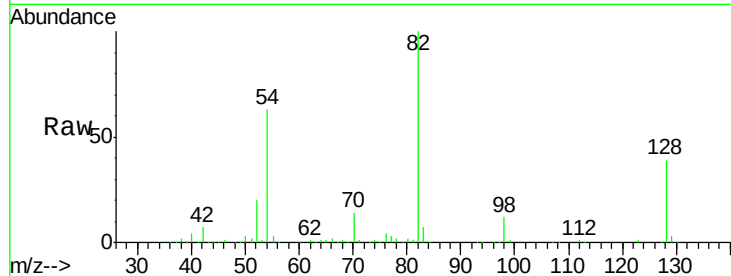




#23  
 Nitrobenzene-d5  
 Concen: 91.65 ng  
 RT: 7.13 min Scan# 459  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

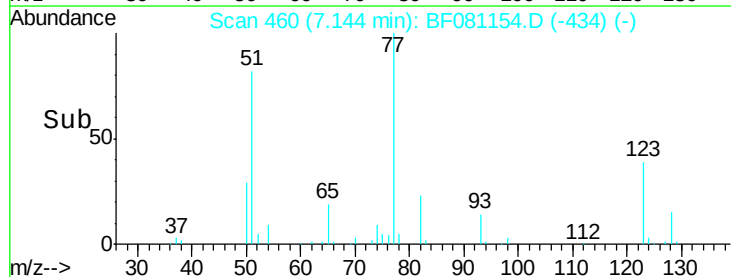
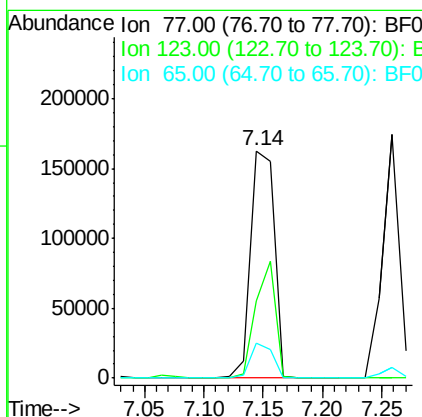
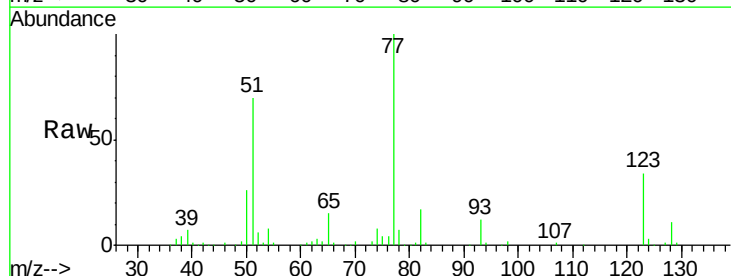
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Tot Ion: 82 Resp: 465572  
 Ion Ratio Lower Upper  
 82 100  
 128 39.0 28.6 42.8  
 54 62.8 55.1 82.7

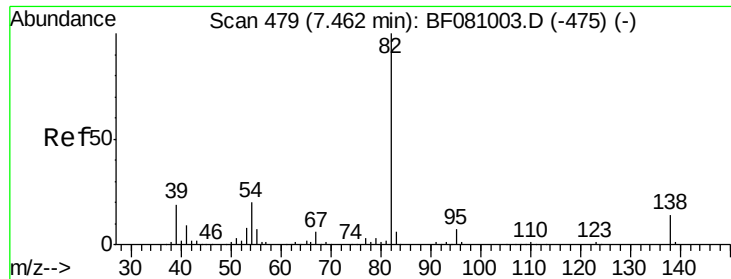


#24  
 Nitrobenzene  
 Concen: 43.12 ng  
 RT: 7.14 min Scan# 460  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion: 77 Resp: 229042  
 Ion Ratio Lower Upper  
 77 100  
 123 34.1 32.9 49.3  
 65 15.3 12.5 18.7







#25

Isophorone

Concen: 45.07 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampled :

TEC-C1MS

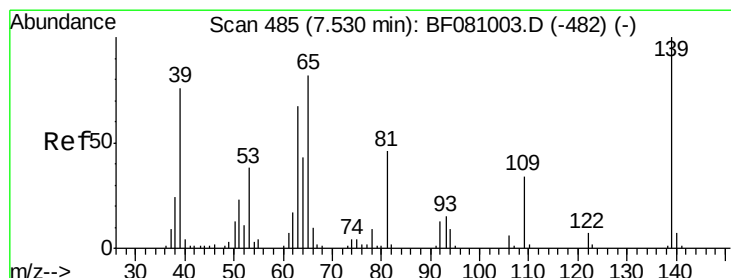
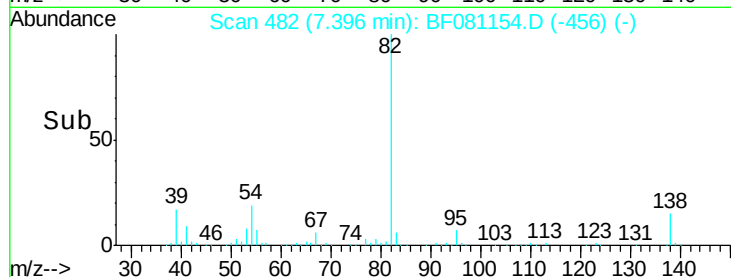
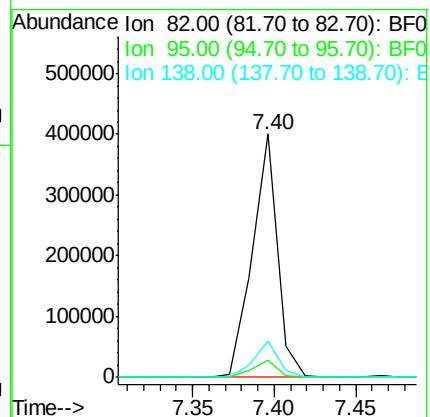
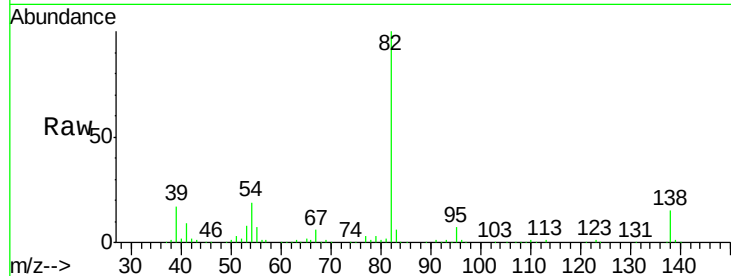
Tot Ion: 82 Resp: 426939

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 15.0 10.5 15.7



#26

2-Nitrophenol

Concen: 42.70 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

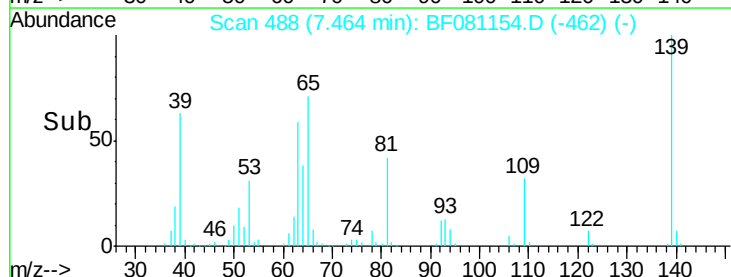
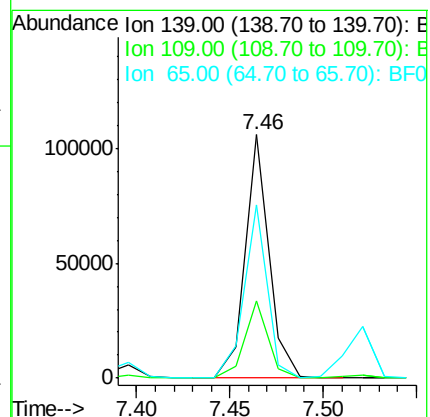
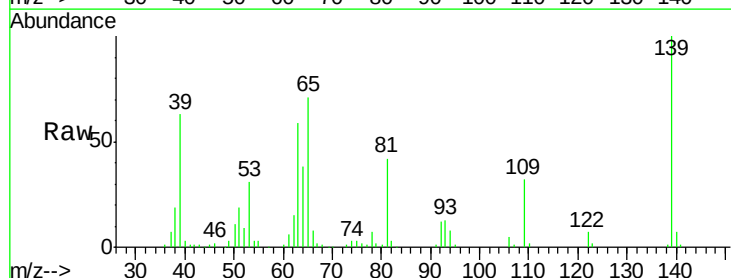
Tgt Ion: 139 Resp: 94330

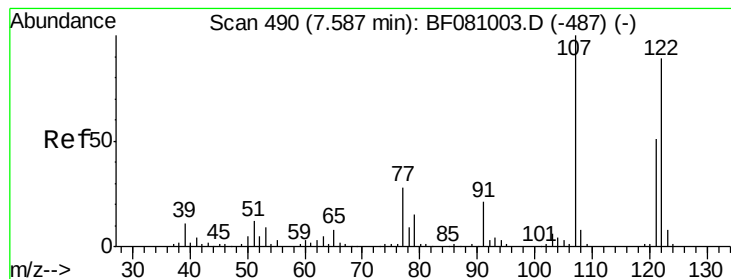
Ion Ratio Lower Upper

139 100

109 31.5 32.1 48.1#

65 71.2 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 48.45 ng

RT: 7.52 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

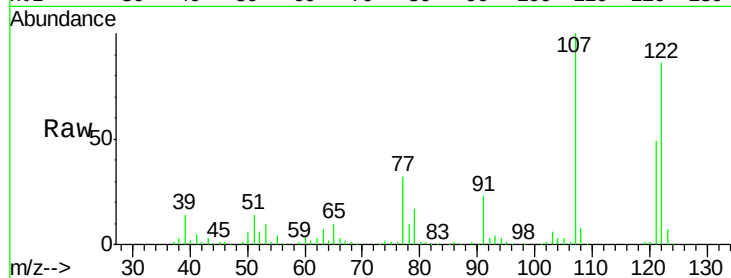
Tot Ion:122 Resp: 189313

Ion Ratio Lower Upper

122 100

107 116.9 103.8 155.6

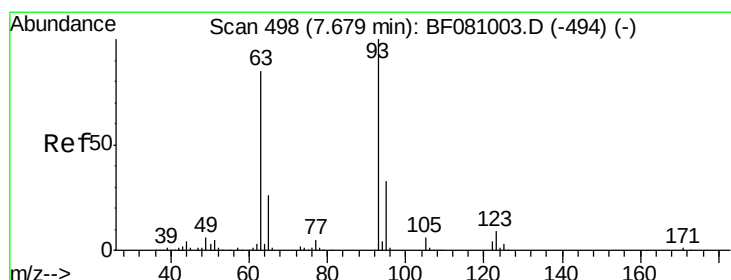
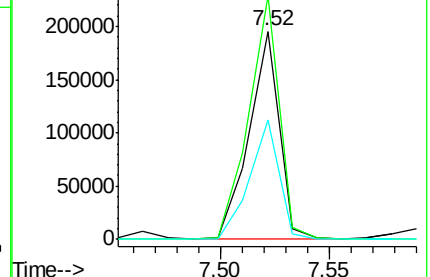
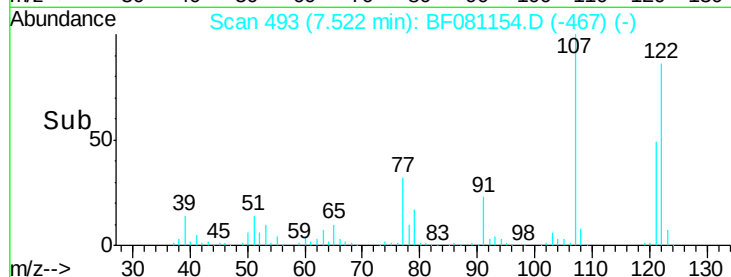
121 57.5 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.15 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

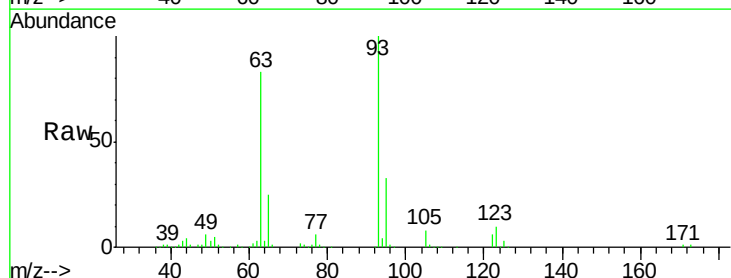
Tgt Ion: 93 Resp: 252685

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

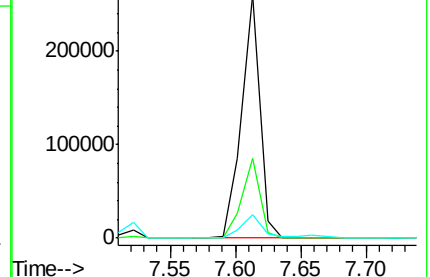
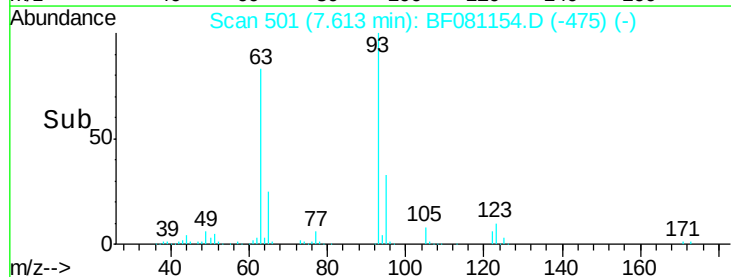
123 9.7 7.4 11.0

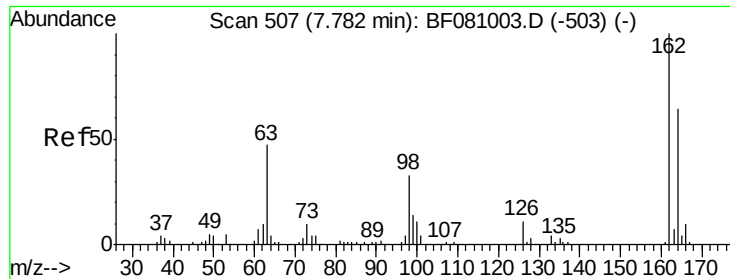


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

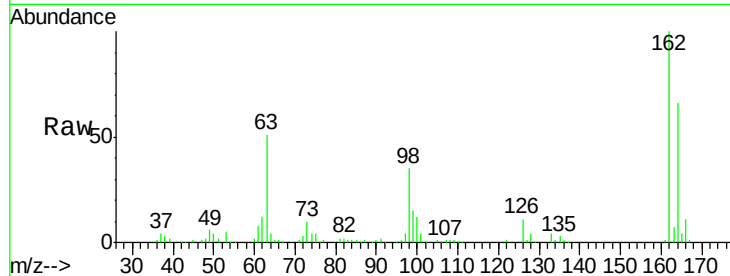




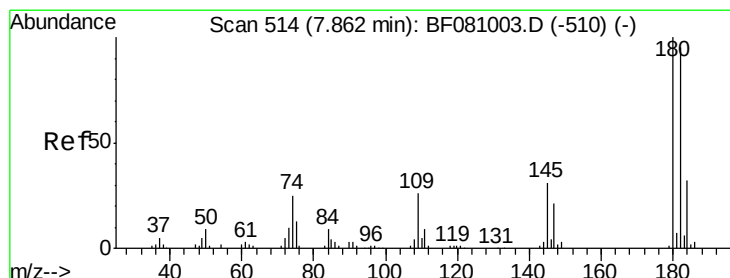
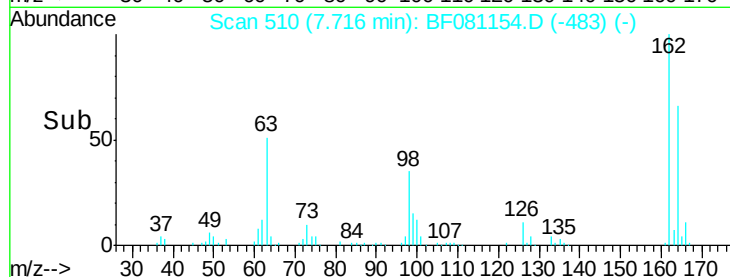
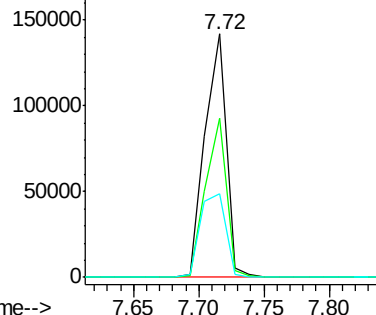
#29  
 2,4-Dichlorophenol  
 Concen: 48.90 ng  
 RT: 7.72 min Scan# 510  
 Delta R.T. 0.01 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Tot Ion:162 Resp: 160876  
 Ion Ratio Lower Upper  
 162 100  
 164 65.6 43.2 83.2  
 98 34.5 12.3 52.3

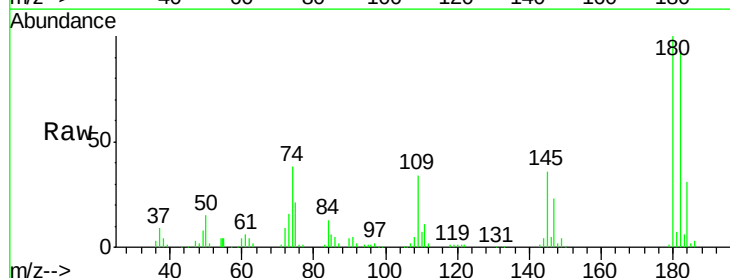


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

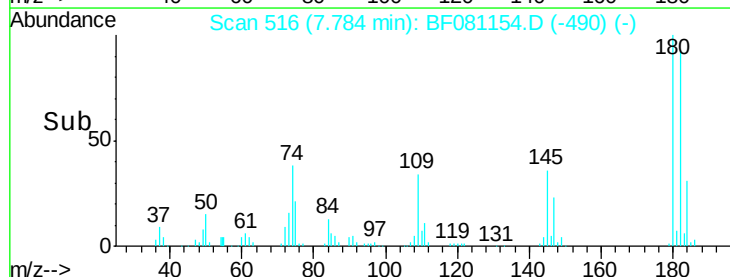
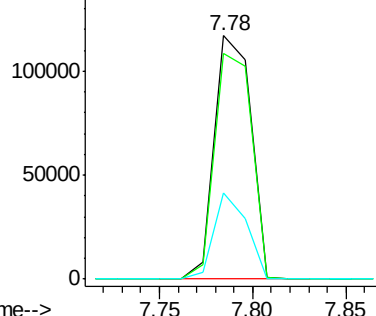


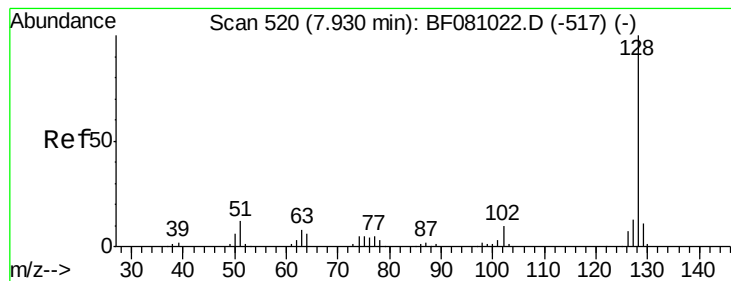
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.39 ng  
 RT: 7.78 min Scan# 516  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:180 Resp: 158640  
 Ion Ratio Lower Upper  
 180 100  
 182 92.7 76.4 114.6  
 145 35.5 25.4 38.2



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: 41.06 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

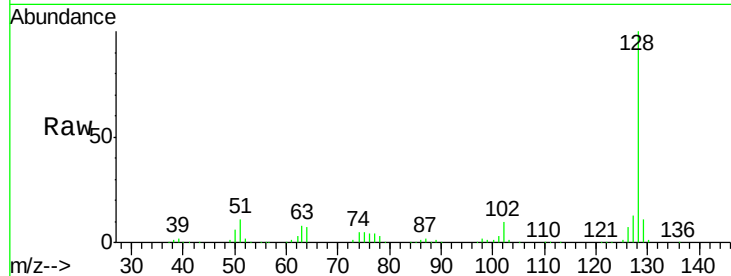
Tot Ion:128 Resp: 531130

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

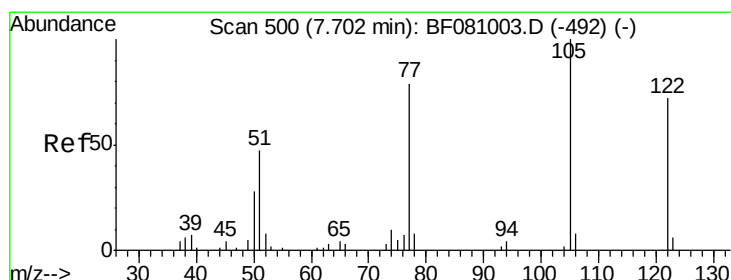
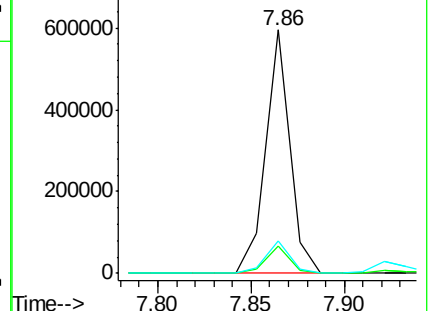
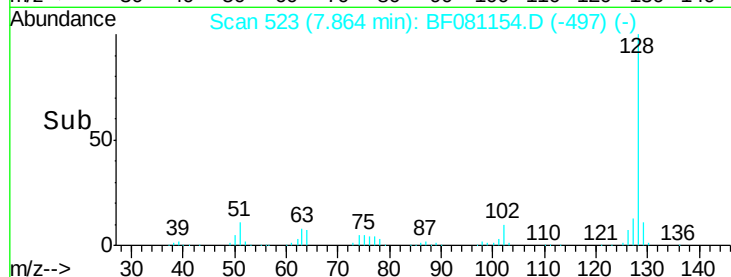
127 13.4 10.6 16.0



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: 55.40 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

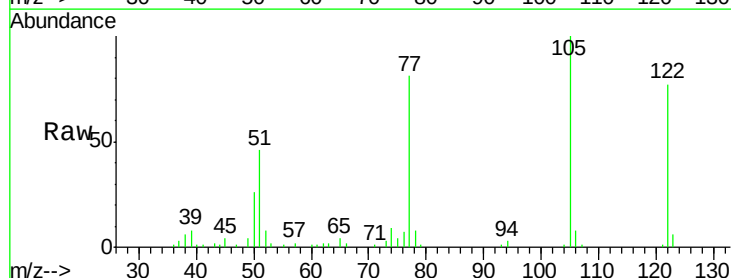
Tgt Ion:122 Resp: 121779

Ion Ratio Lower Upper

122 100

105 129.9 113.8 153.8

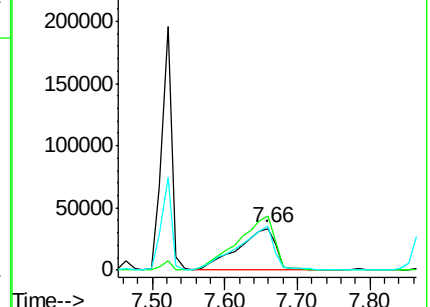
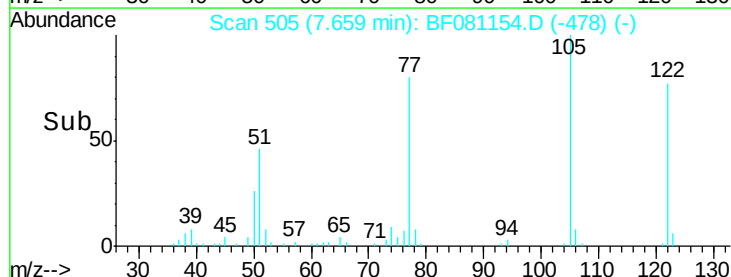
77 105.5 93.8 133.8

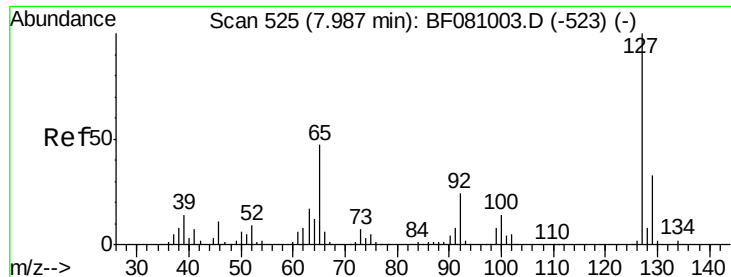


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

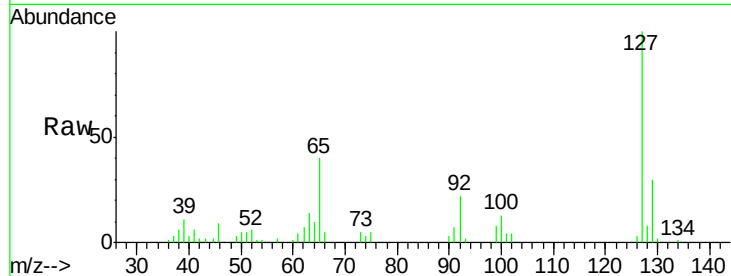




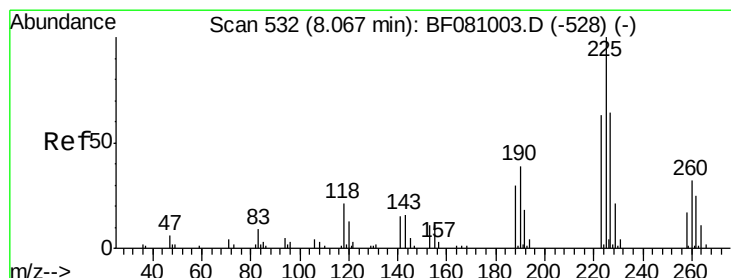
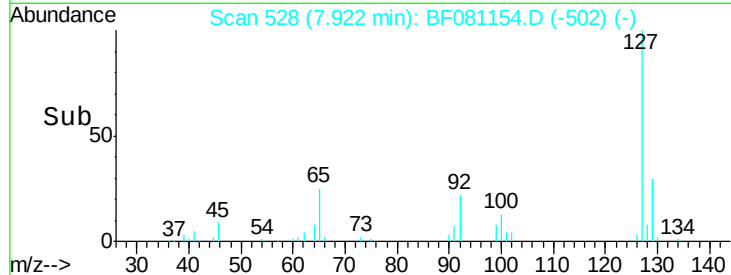
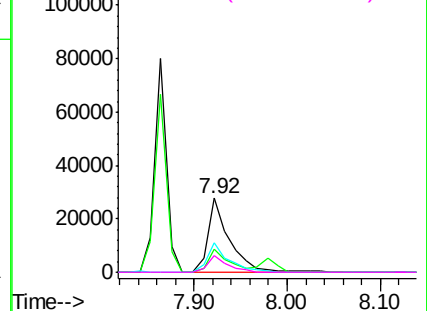
#33  
4-Chloroaniline  
Concen: 8.20 ng  
RT: 7.92 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

Tot Ion:127 Resp: 44783  
Ion Ratio Lower Upper  
127 100  
129 30.4 25.2 37.8  
65 40.1 37.8 56.6  
92 22.0 19.5 29.3

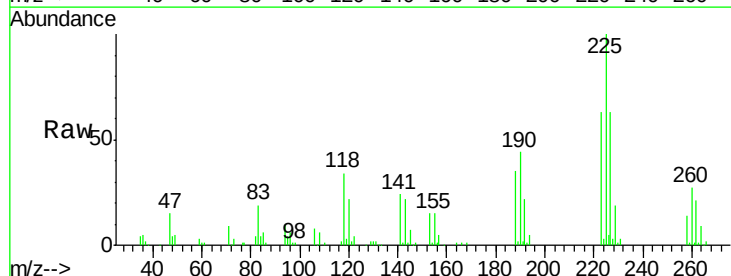


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

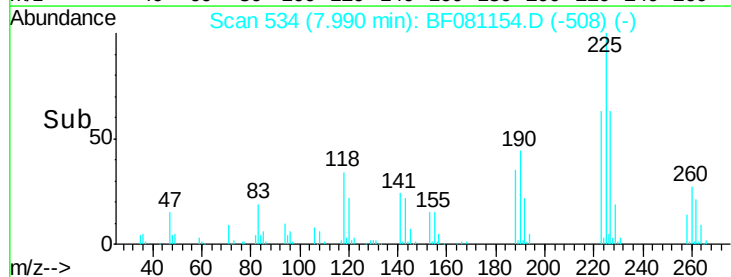
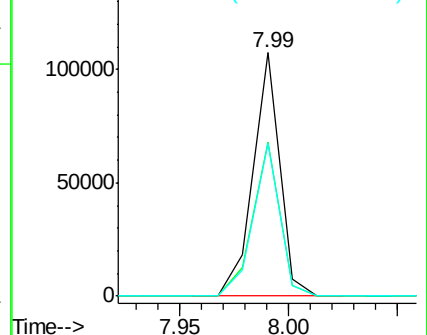


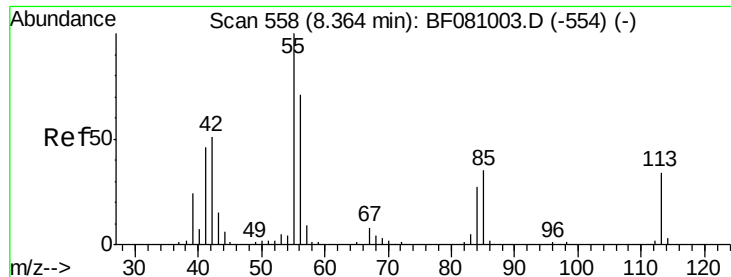
#34  
Hexachlorobutadiene  
Concen: 44.25 ng  
RT: 7.99 min Scan# 534  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:225 Resp: 91496  
Ion Ratio Lower Upper  
225 100  
223 63.3 52.6 79.0  
227 62.9 51.1 76.7



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





#35

Caprolactam

Concen: 28.12 ng

RT: 8.30 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

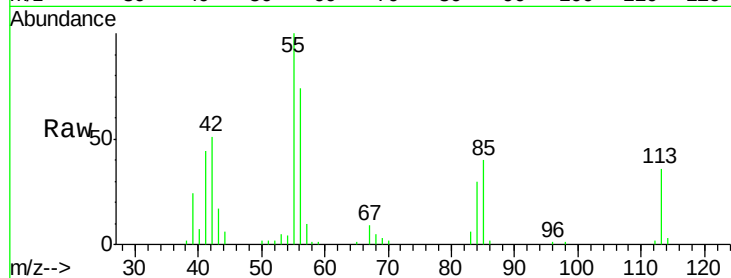
Tot Ion:113 Resp: 32331

Ion Ratio Lower Upper

113 100

55 278.3 280.4 320.4#

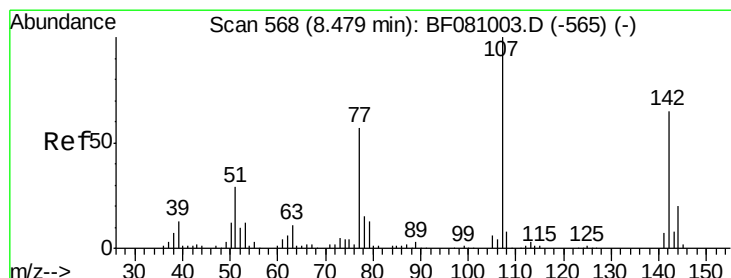
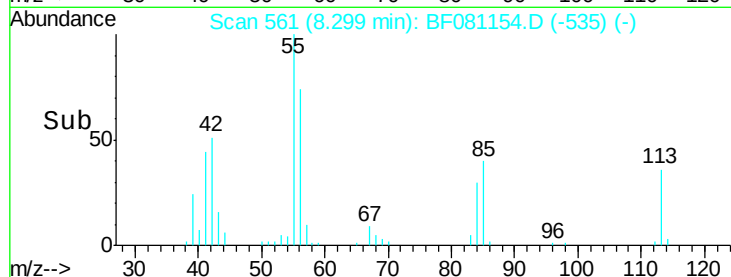
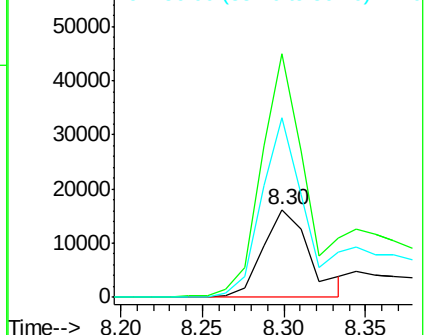
56 205.9 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.89 ng

RT: 8.42 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

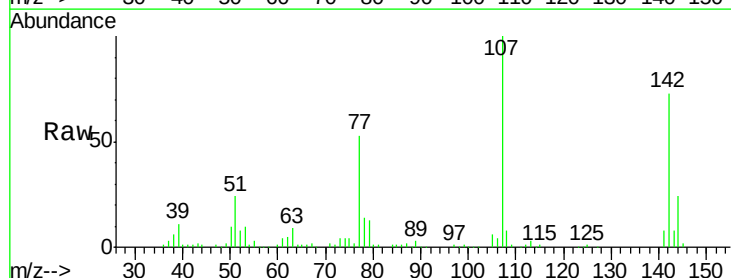
Tgt Ion:107 Resp: 199534

Ion Ratio Lower Upper

107 100

144 24.0 17.2 25.8

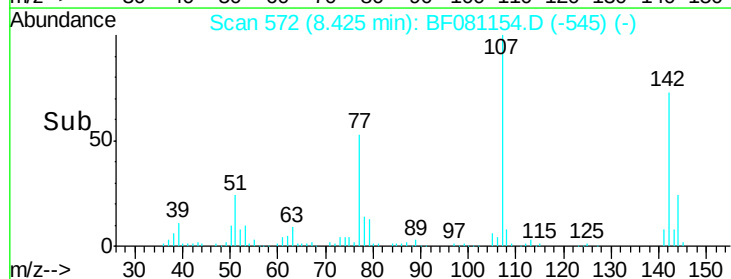
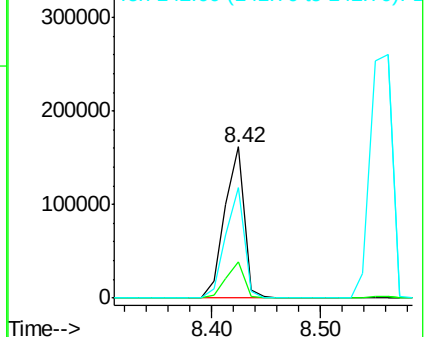
142 73.3 54.9 82.3

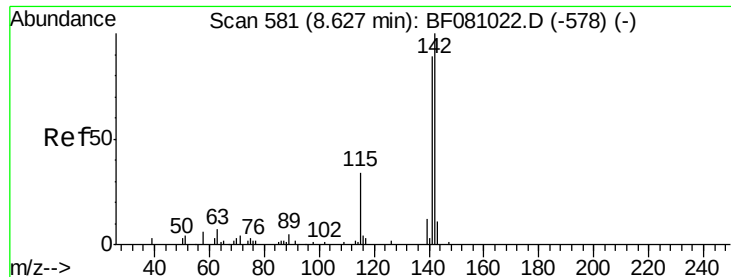


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

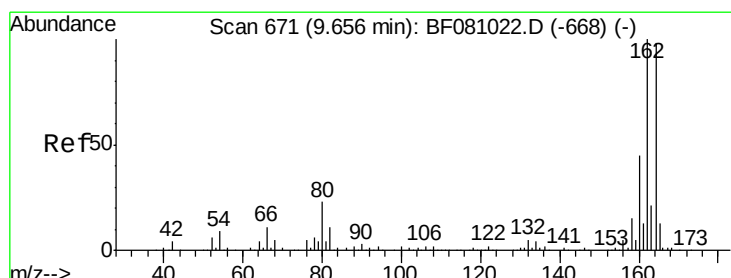
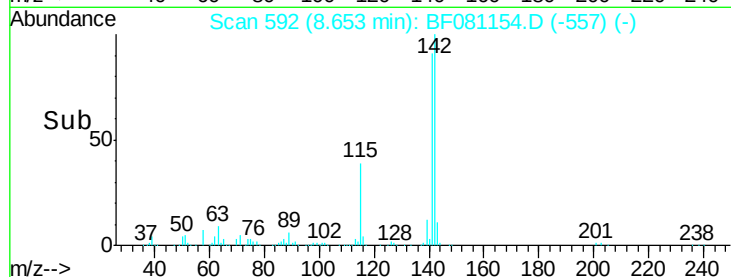
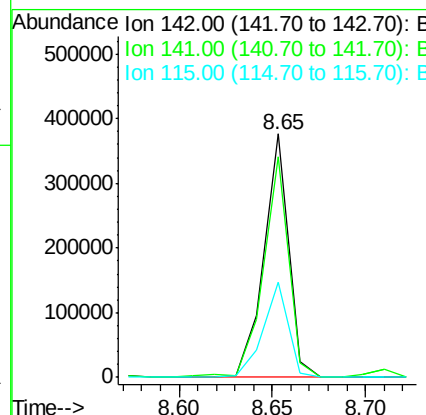
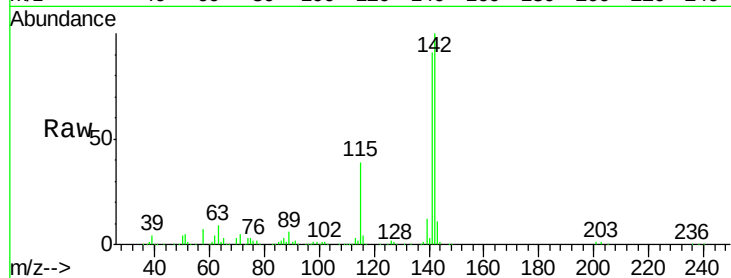




#37  
 2-Methylnaphthalene  
 Concen: 42.11 ng  
 RT: 8.65 min Scan# 592  
 Delta R.T. 0.10 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

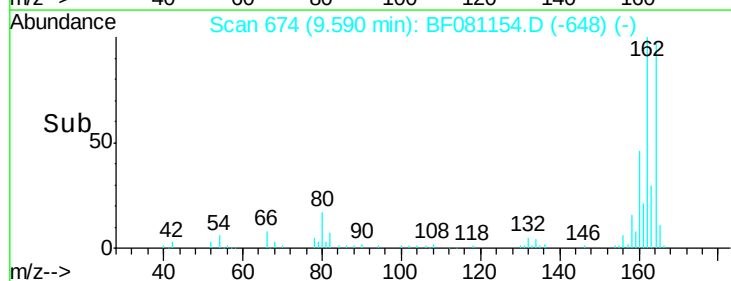
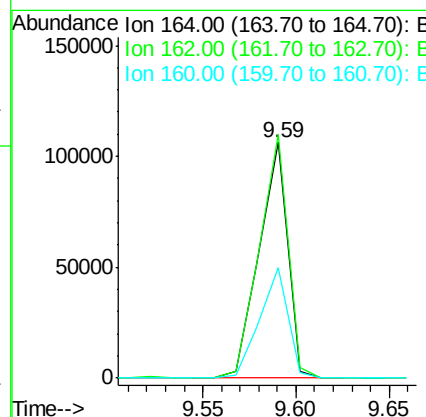
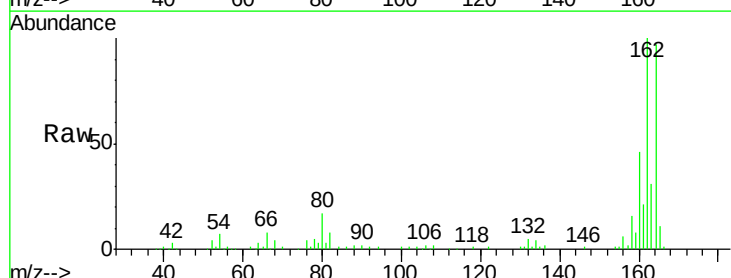
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

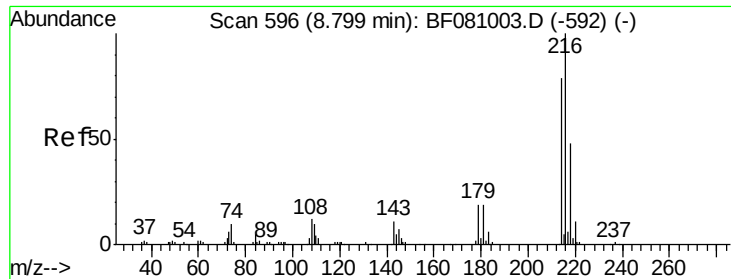
Tot Ion:142 Resp: 344088  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 71.4 107.2  
 115 39.0 33.4 50.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.59 min Scan# 674  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:164 Resp: 112057  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 83.8 125.8  
 160 47.1 39.8 59.8

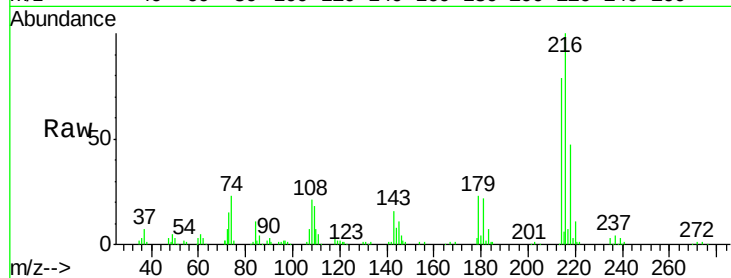




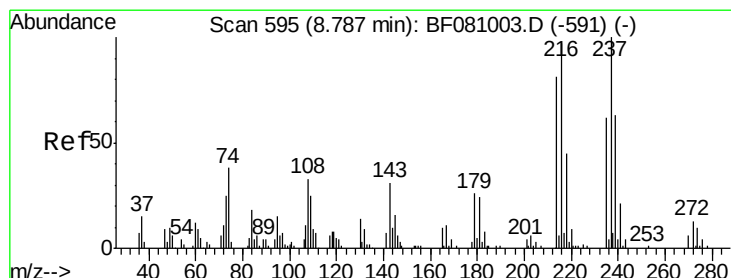
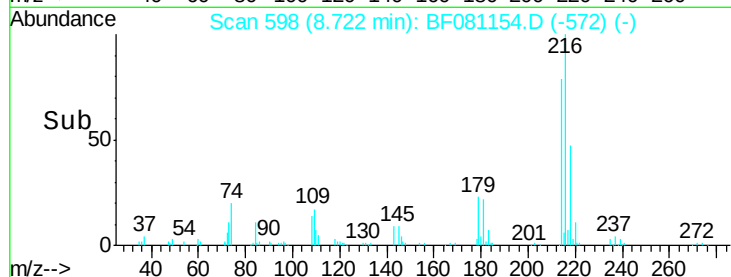
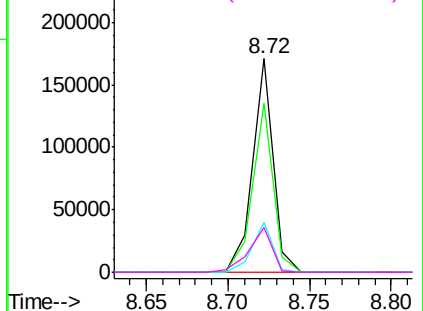
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.49 ng  
 RT: 8.72 min Scan# 598  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 150008    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.1  | 63.8 95.8 |
| 179         | 23.1  | 17.8 26.8 |
| 108         | 23.3  | 16.2 24.2 |

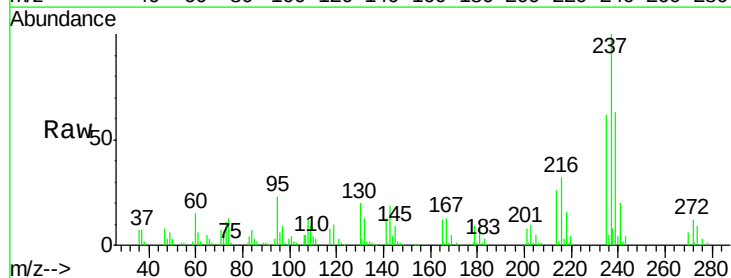


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

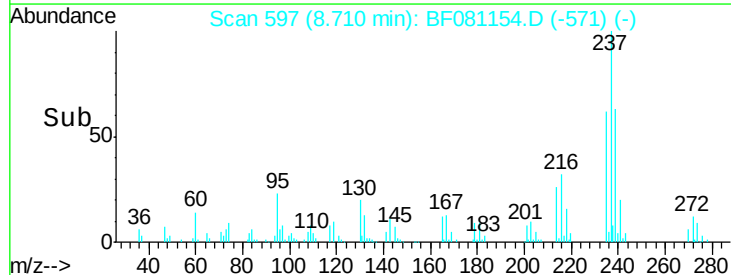
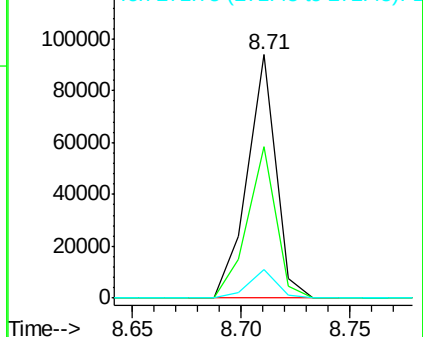


#40  
 Hexachlorocyclopentadiene  
 Concen: 45.85 ng  
 RT: 8.71 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

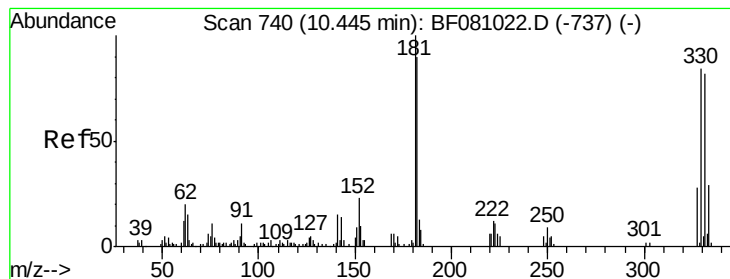
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 85790     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 62.2  | 43.6 83.6 |
| 272         | 11.7  | 0.0 32.2  |



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: 144.82 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

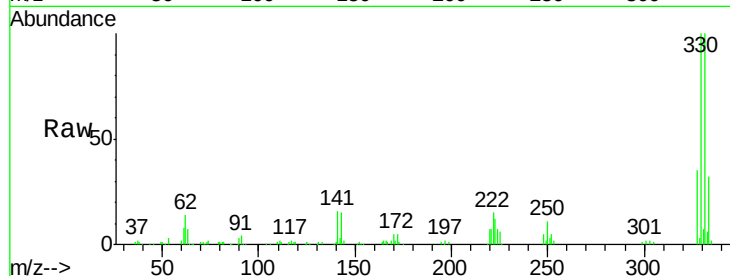
Tot Ion:330 Resp: 140671

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

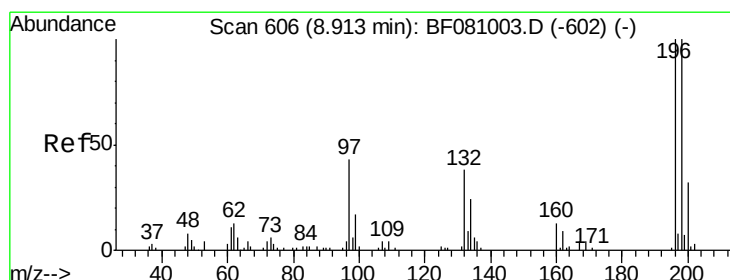
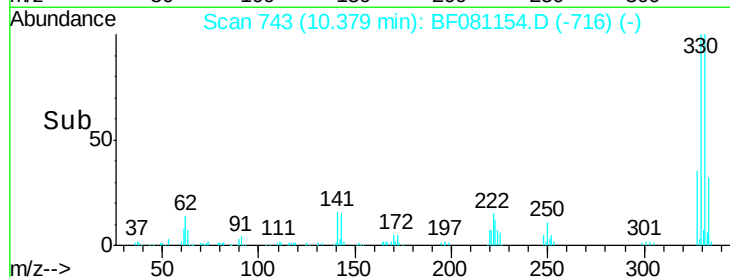
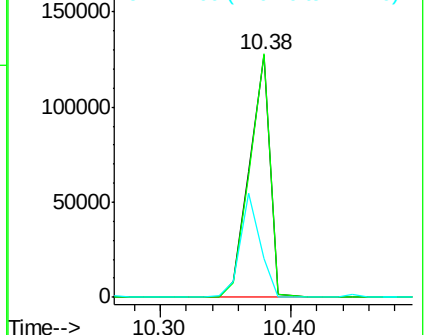
141 41.2 44.9 67.3#



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: 39.95 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

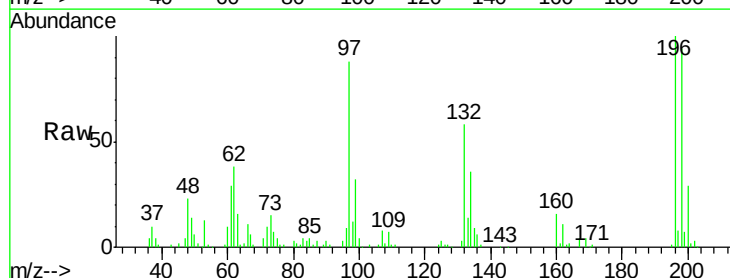
Tgt Ion:196 Resp: 102029

Ion Ratio Lower Upper

196 100

198 94.2 74.6 111.8

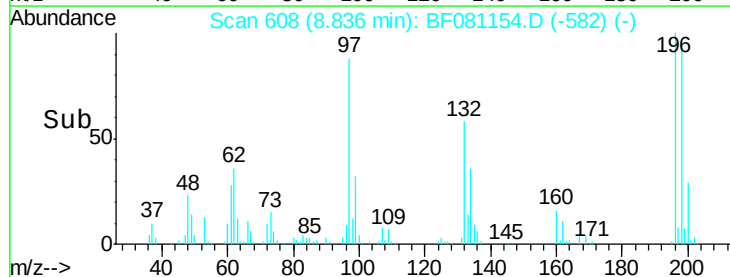
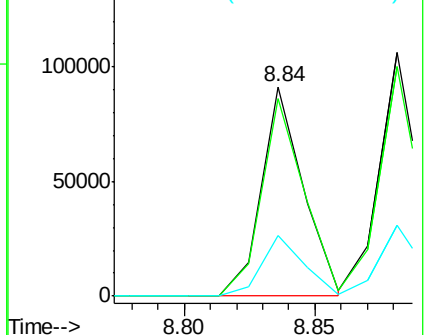
200 29.0 22.7 34.1

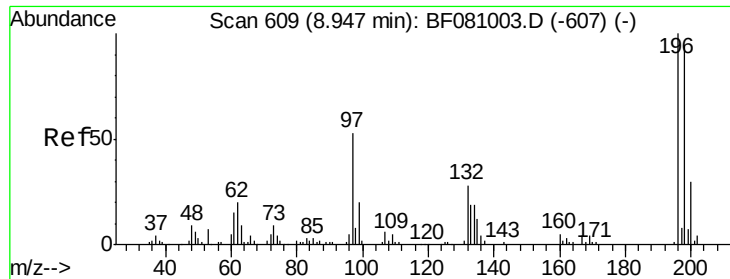


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

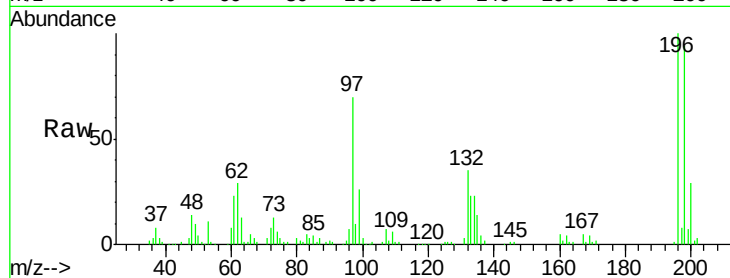




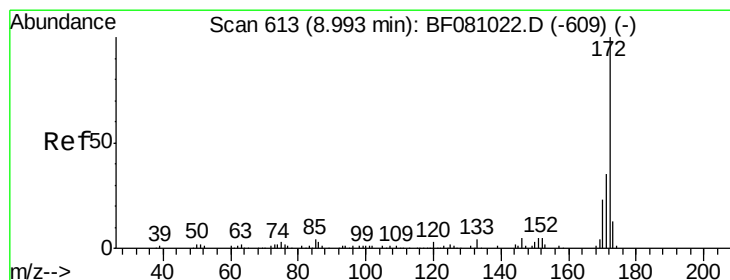
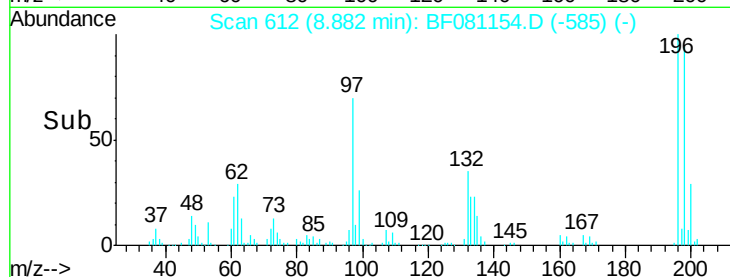
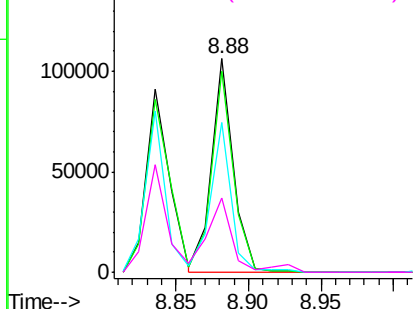
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.46 ng  
 RT: 8.88 min Scan# 612  
 Delta R.T. 0.01 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Tot Ion:196 Resp: 110938  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 78.3 117.5  
 97 70.2 42.7 64.1#  
 132 34.7 23.3 34.9

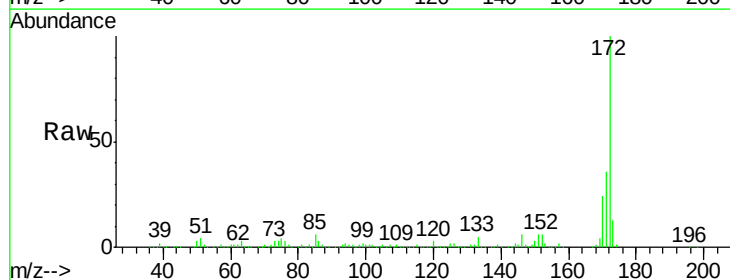


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

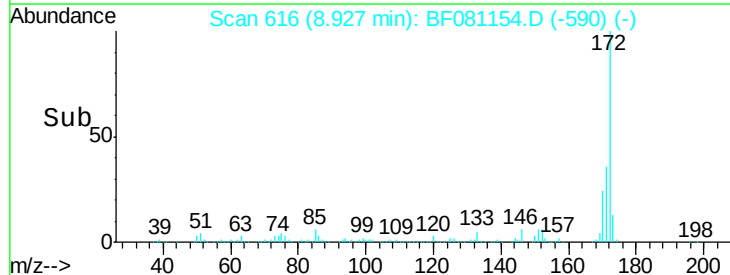
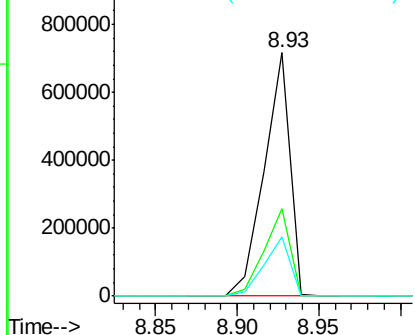


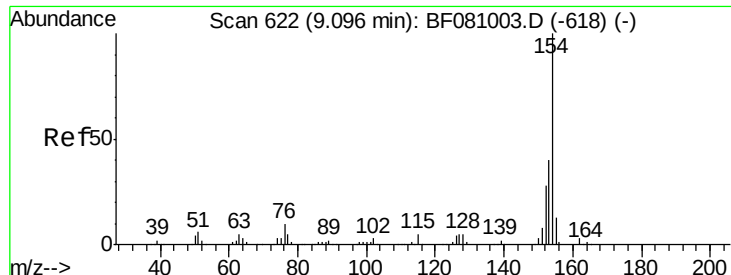
#44  
 2-Fluorobiphenyl  
 Concen: 92.21 ng  
 RT: 8.93 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:172 Resp: 788589  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.9 43.3  
 170 24.2 19.4 29.2



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: 42.81 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

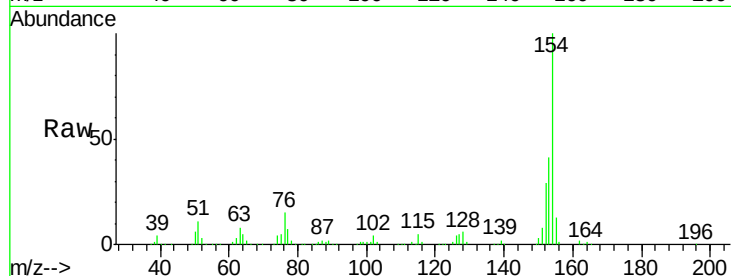
Tot Ion:154 Resp: 422569

Ion Ratio Lower Upper

154 100

153 41.1 19.5 59.5

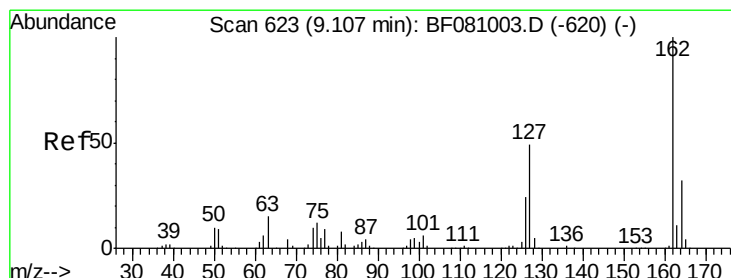
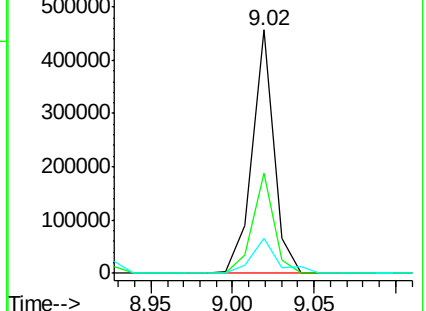
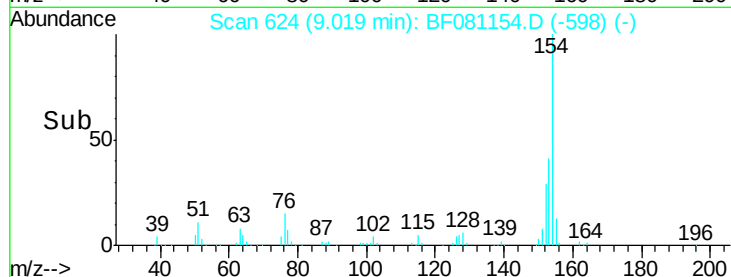
76 14.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.01 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

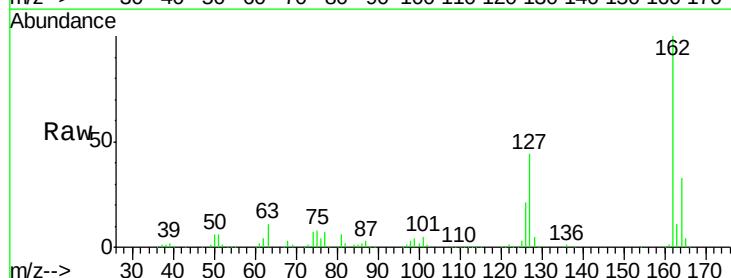
Tgt Ion:162 Resp: 349005

Ion Ratio Lower Upper

162 100

127 43.8 31.3 46.9

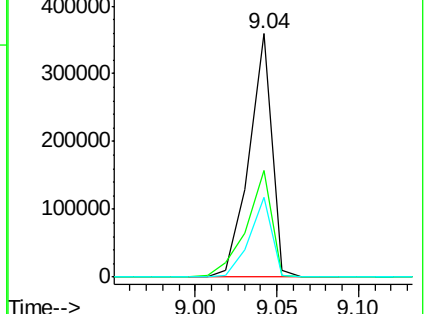
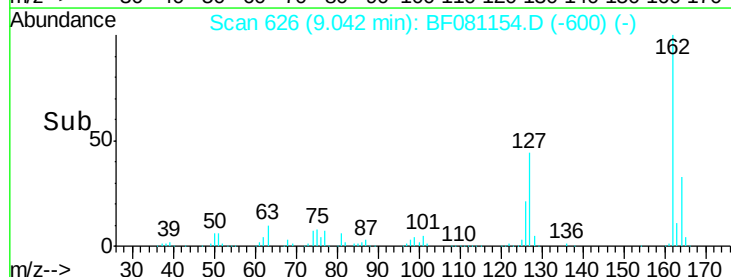
164 32.5 26.3 39.5

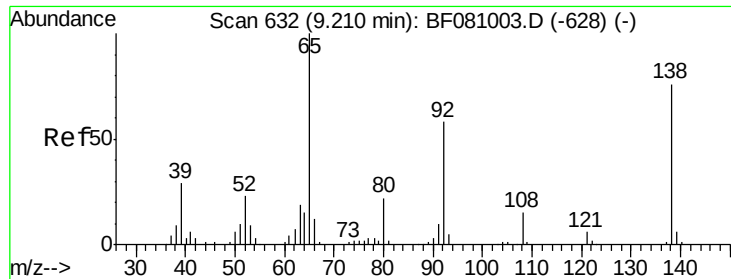


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

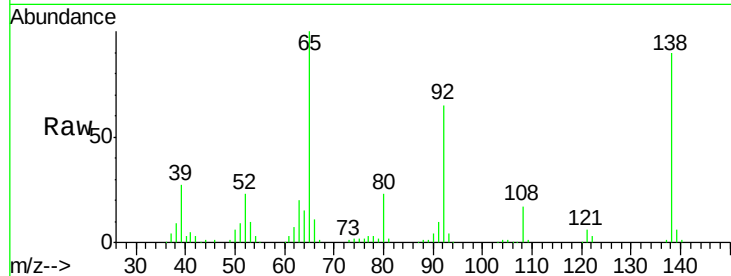




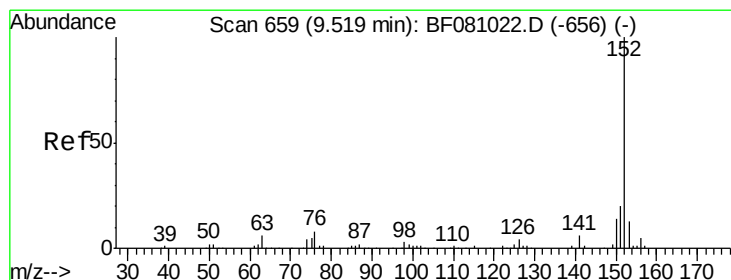
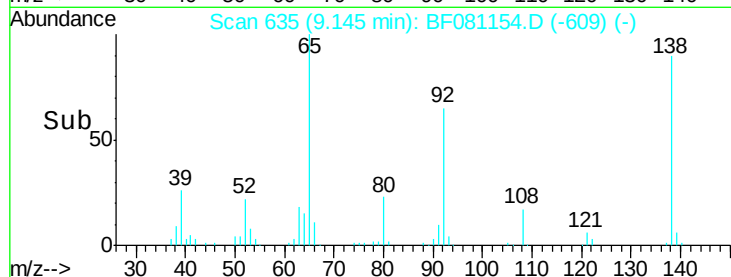
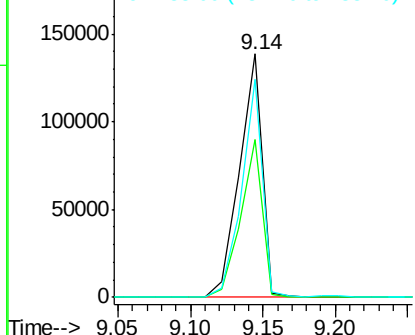
#47  
2-Nitroaniline  
Concen: 46.25 ng  
RT: 9.14 min Scan# 635  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

Tot Ion: 65 Resp: 150087  
Ion Ratio Lower Upper  
65 100  
92 64.9 45.6 68.4  
138 89.7 57.9 86.9#

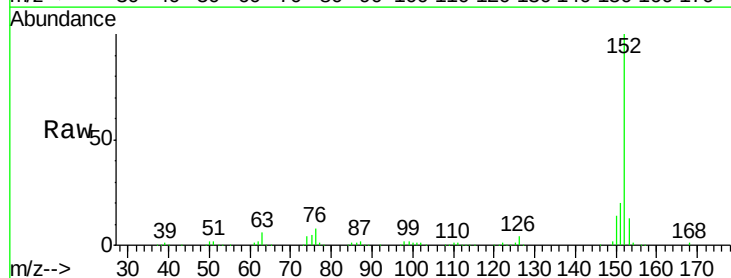


Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0

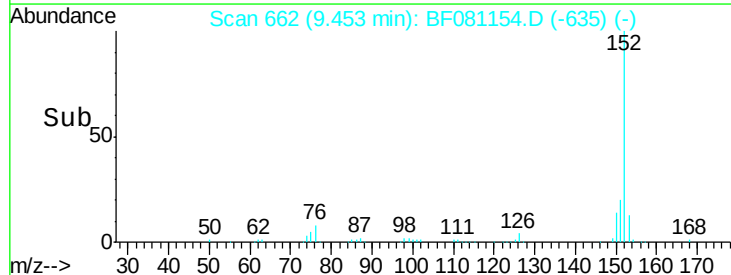
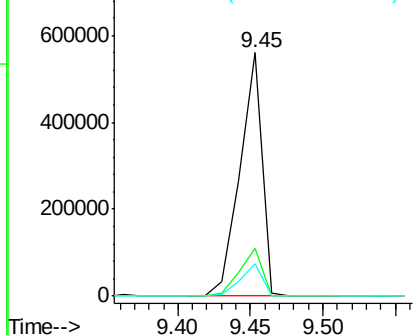


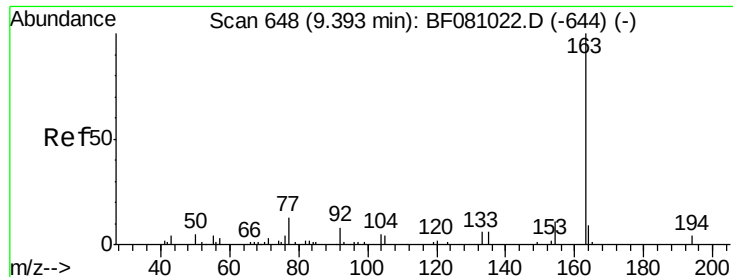
#48  
Acenaphthylene  
Concen: 41.74 ng  
RT: 9.45 min Scan# 662  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion: 152 Resp: 592063  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.1 24.1  
153 13.1 9.8 14.6



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

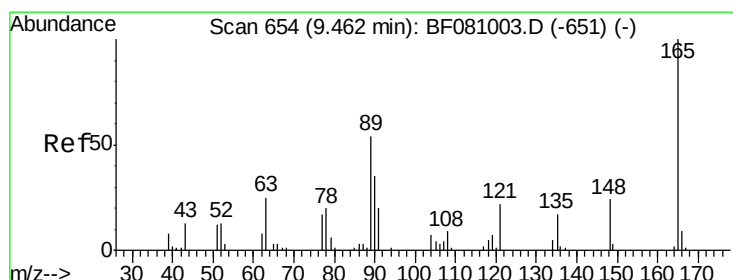
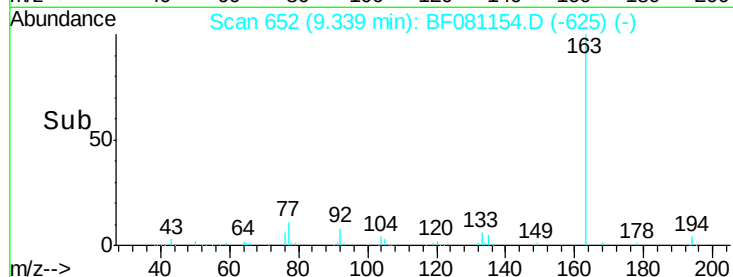
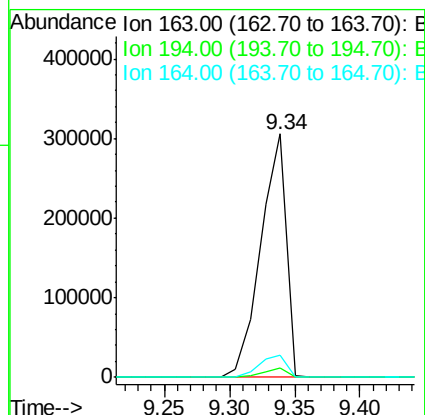
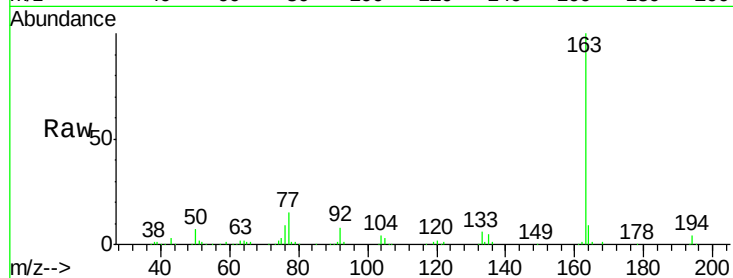




#49  
Dimethylphthalate  
Concen: 45.28 ng  
RT: 9.34 min Scan# 652  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

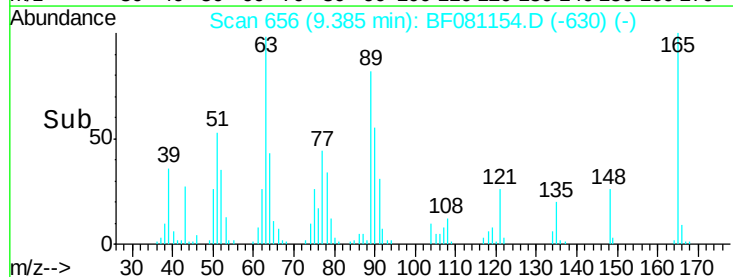
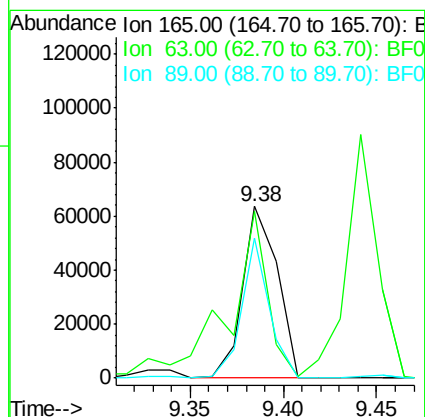
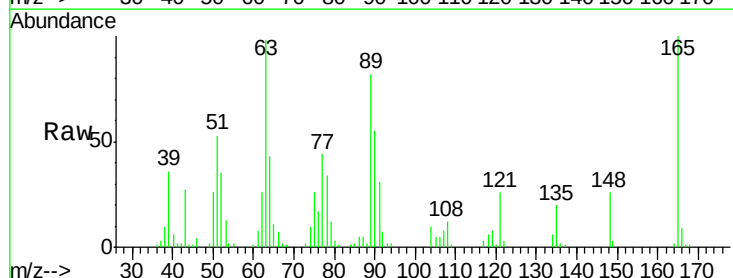
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

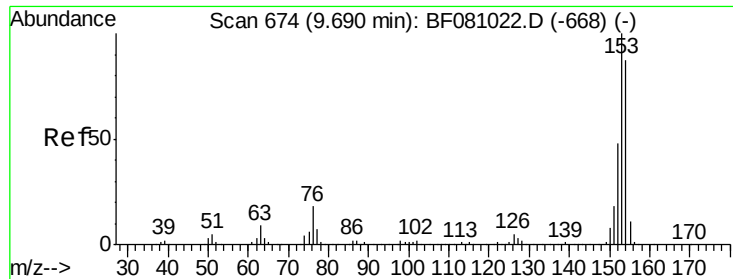
Tot Ion:163 Resp: 417842  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.5 3.7  
164 9.3 8.1 12.1



#50  
2,6-Dinitrotoluene  
Concen: 41.41 ng  
RT: 9.38 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:165 Resp: 82048  
Ion Ratio Lower Upper  
165 100  
63 97.6 49.5 74.3#  
89 81.6 47.6 71.4#





#51

Acenaphthene

Concen: 40.97 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

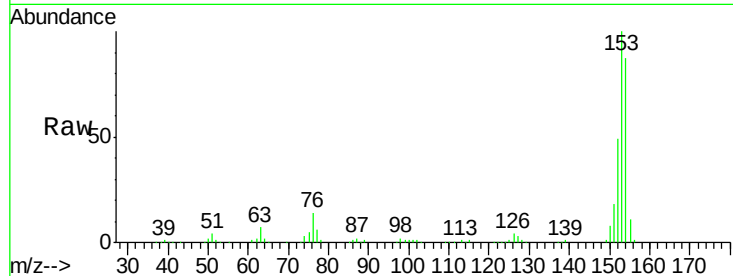
Tot Ion:154 Resp: 347937

Ion Ratio Lower Upper

154 100

153 114.4 91.4 137.2

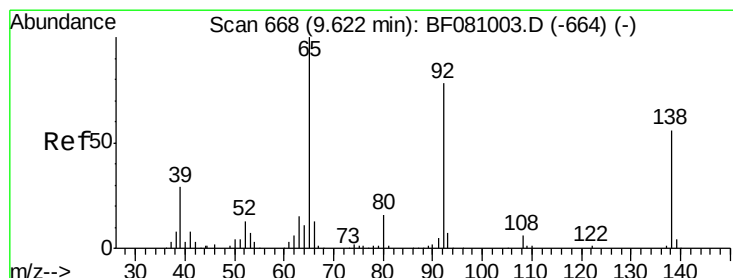
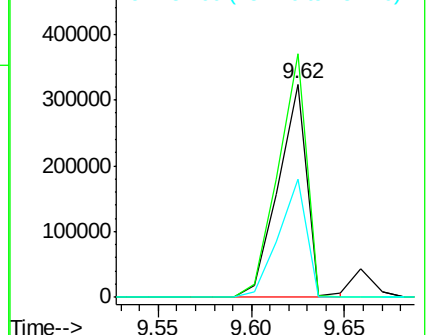
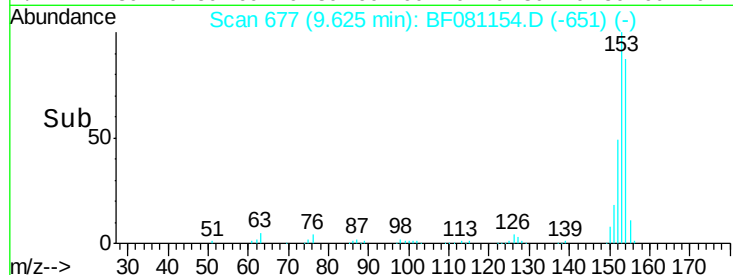
152 55.5 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.41 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

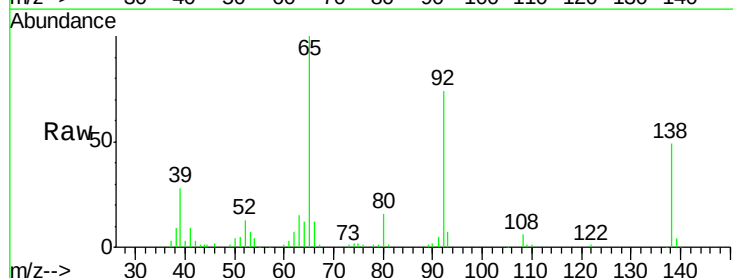
Tgt Ion:138 Resp: 50614

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.2

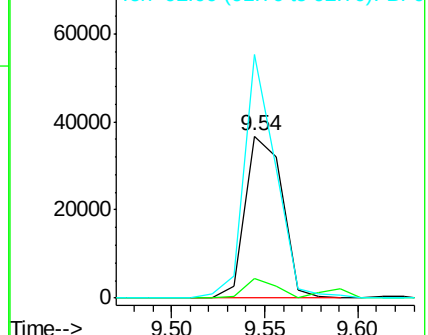
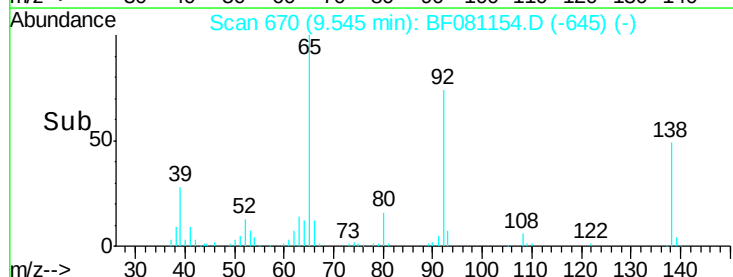
92 150.2 113.2 169.8

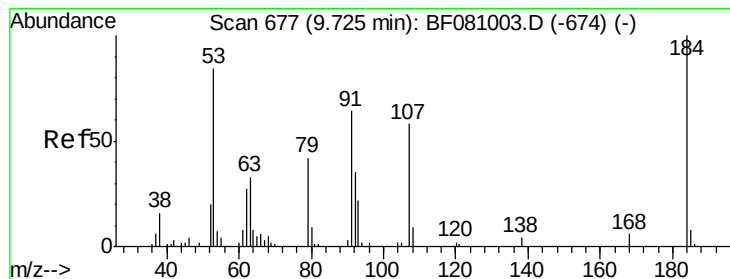


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 60.63 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

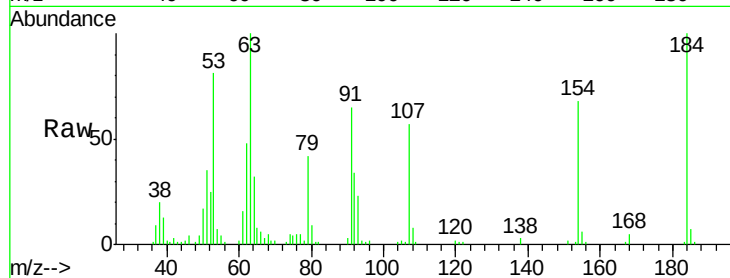
Tot Ion:184 Resp: 63124

Ion Ratio Lower Upper

184 100

63 100.1 101.7 152.5#

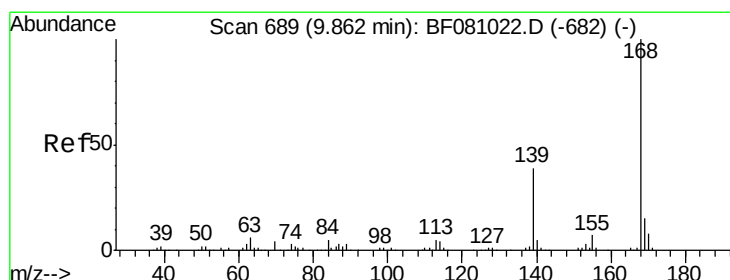
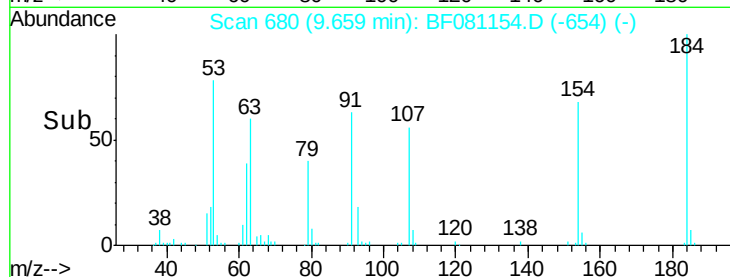
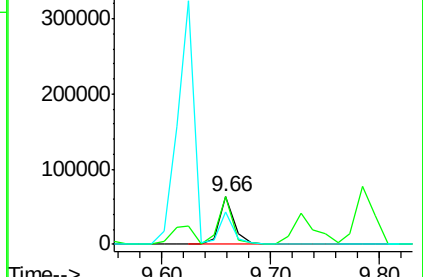
154 68.4 67.4 101.0



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: 45.02 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

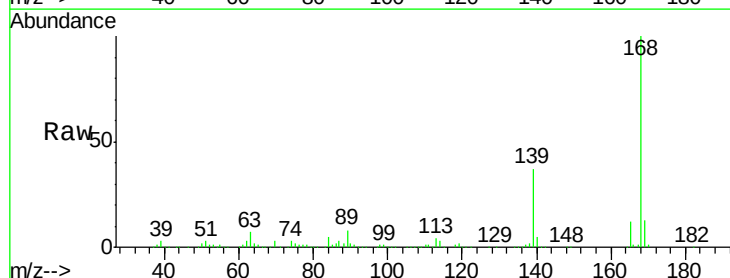
Tgt Ion:168 Resp: 512330

Ion Ratio Lower Upper

168 100

139 37.1 29.3 43.9

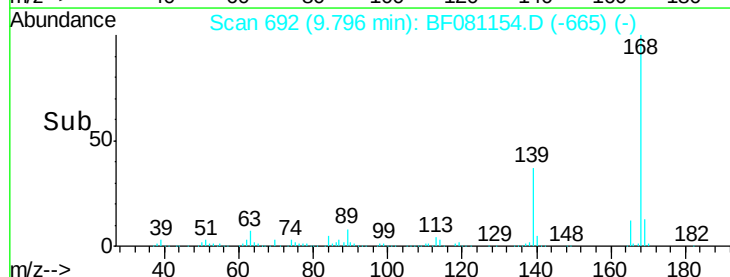
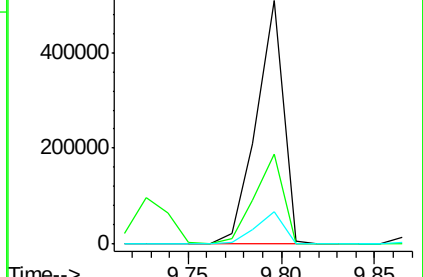
169 13.4 10.3 15.5

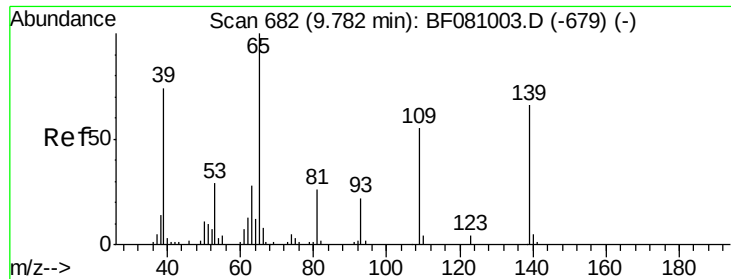


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

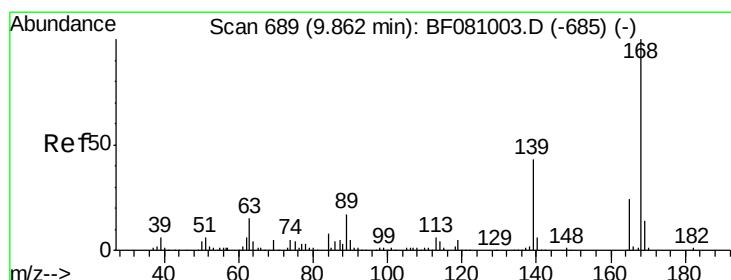
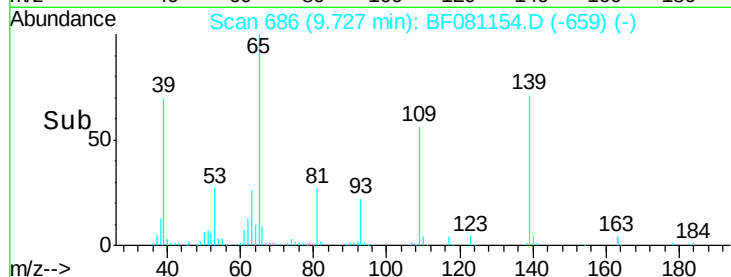
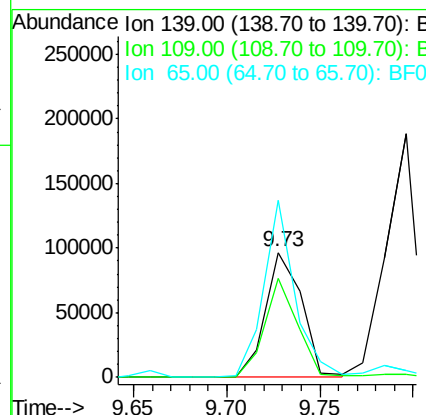
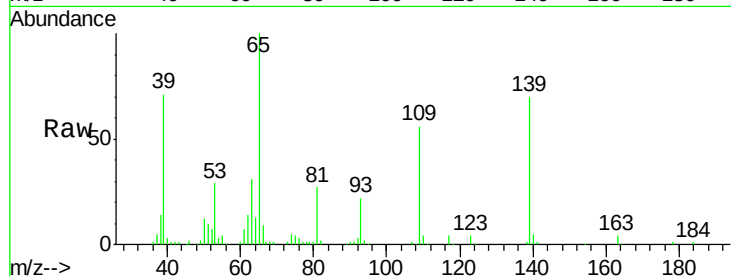




#55  
4-Nitrophenol  
Concen: 74.93 ng  
RT: 9.73 min Scan# 686  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

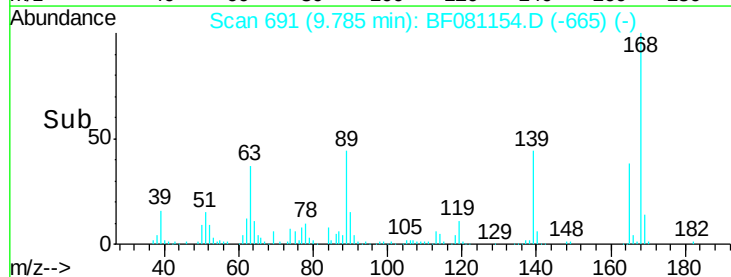
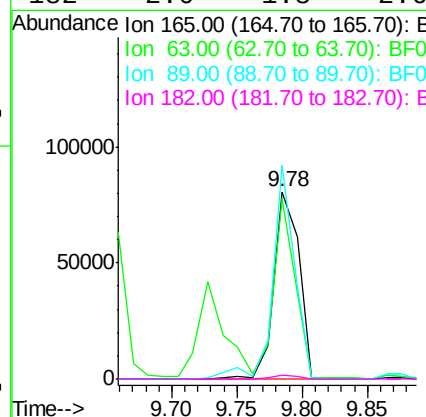
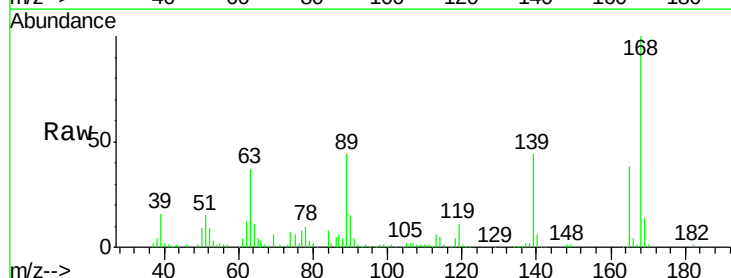
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

Tot Ion:139 Resp: 130485  
Ion Ratio Lower Upper  
139 100  
109 79.3 80.0 120.0#  
65 142.0 138.3 178.3

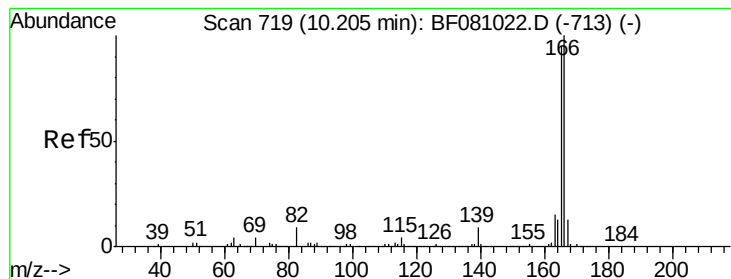


#56  
2,4-Dinitrotoluene  
Concen: 41.63 ng  
RT: 9.78 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:165 Resp: 109334  
Ion Ratio Lower Upper  
165 100  
63 96.4 52.2 78.4#  
89 114.0 60.1 90.1#  
182 2.0 1.8 2.6







#57

Fluorene

Concen: 41.13 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

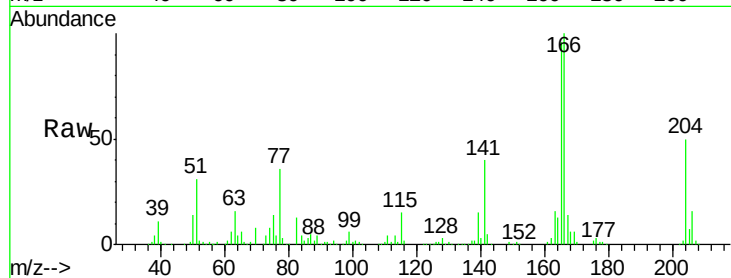
Tot Ion:166 Resp: 360053

Ion Ratio Lower Upper

166 100

165 96.2 75.8 113.8

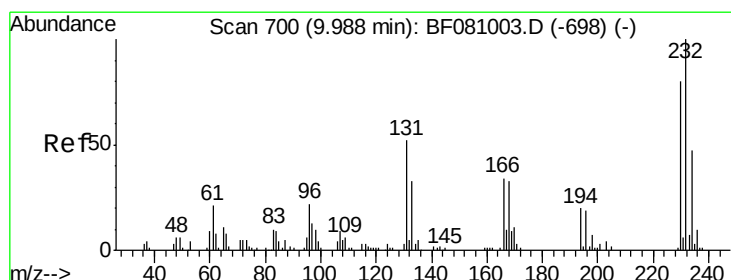
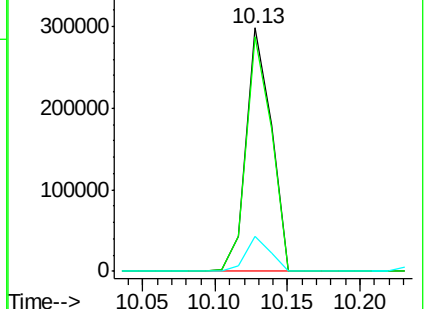
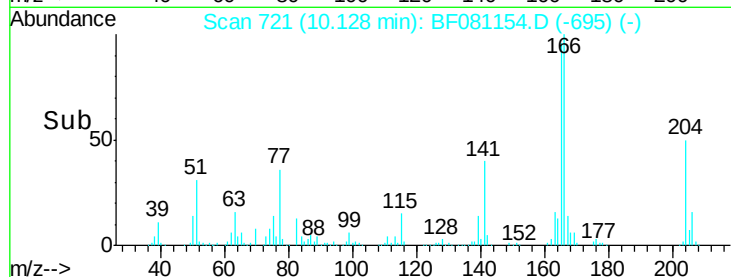
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.88 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:232 Resp: 98554

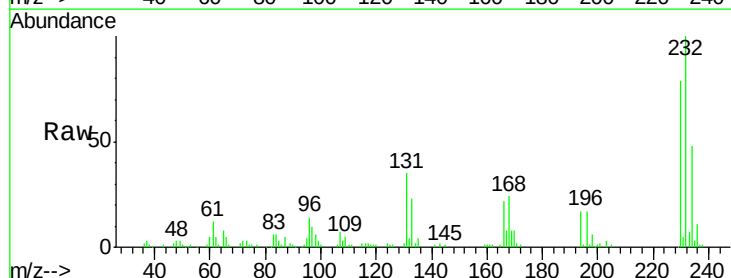
Ion Ratio Lower Upper

232 100

131 45.0 42.2 63.4

130 2.4 2.1 3.1

166 25.0 22.4 33.6

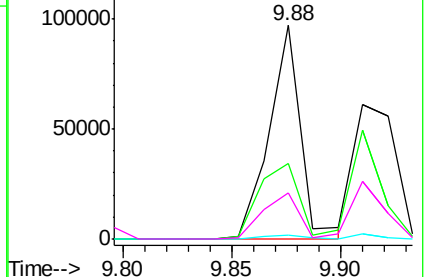
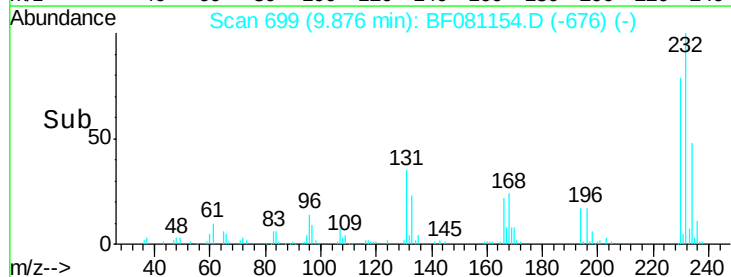


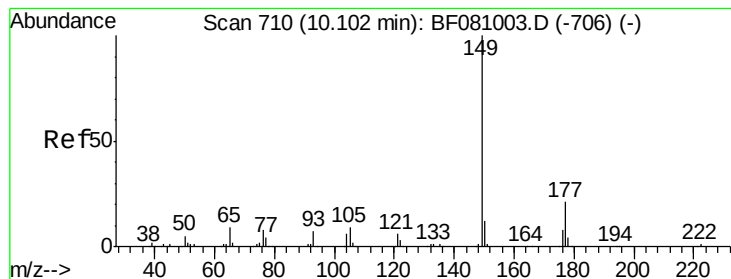
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.00 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

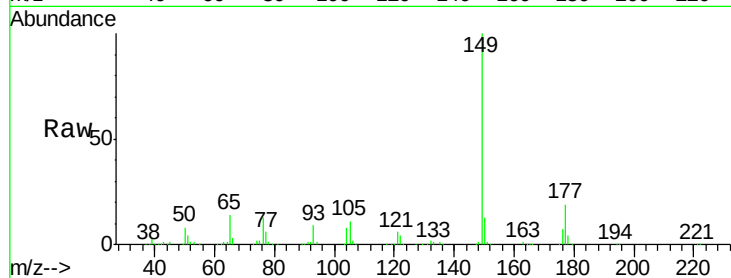
Tot Ion:149 Resp: 400495

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

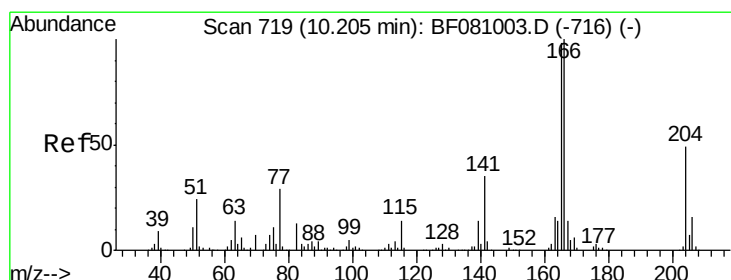
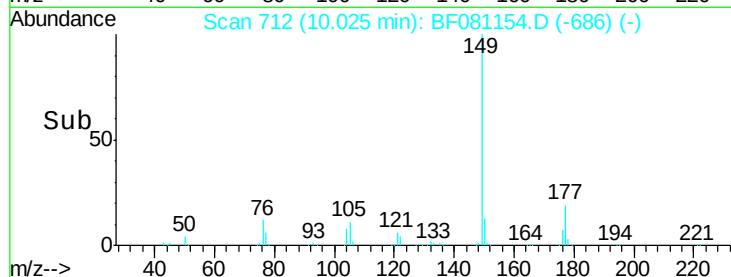
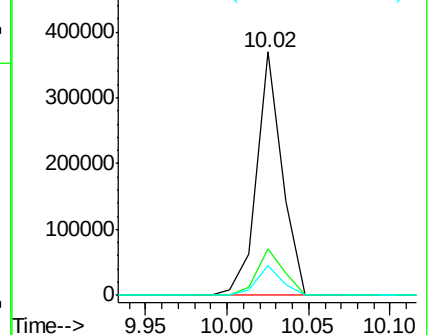
150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.29 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

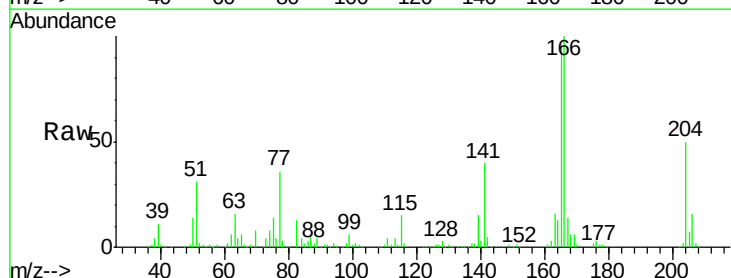
Tgt Ion:204 Resp: 156655

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

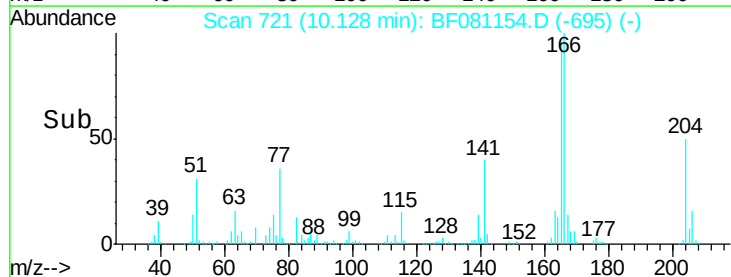
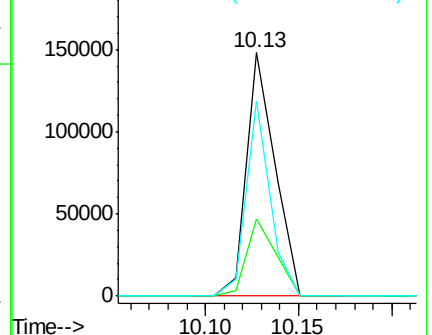
141 80.2 59.6 89.4

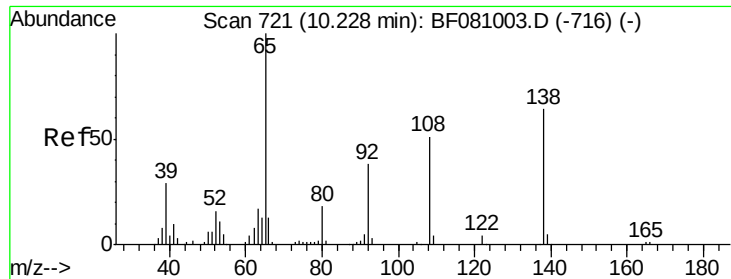


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

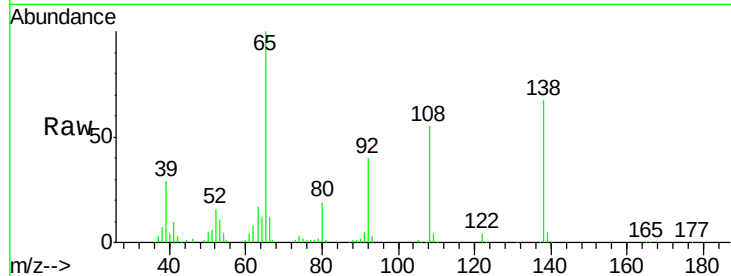




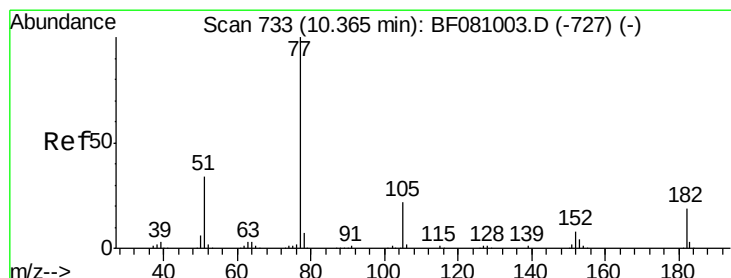
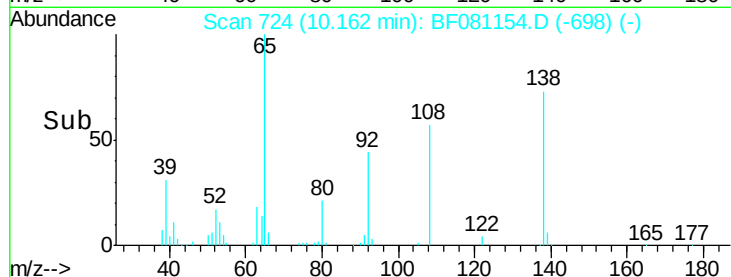
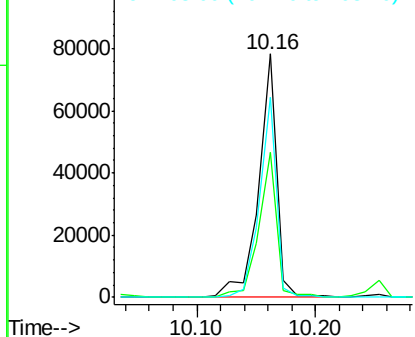
#61  
4-Nitroaniline  
Concen: 33.06 ng  
RT: 10.16 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Instrument :  
BNA\_F  
ClientSampled :  
TEC-C1MS

Tot Ion:138 Resp: 83782  
Ion Ratio Lower Upper  
138 100  
92 59.6 34.7 74.7  
108 82.1 68.9 108.9

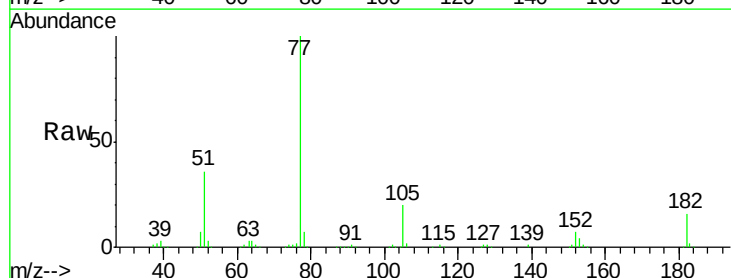


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

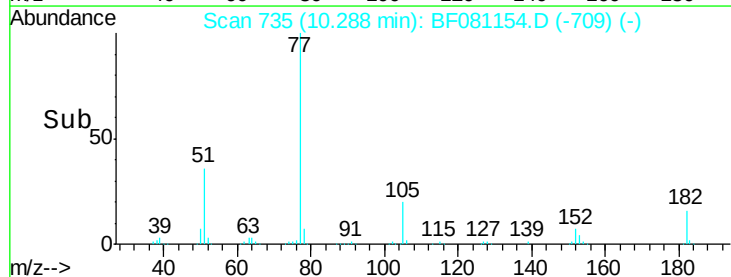
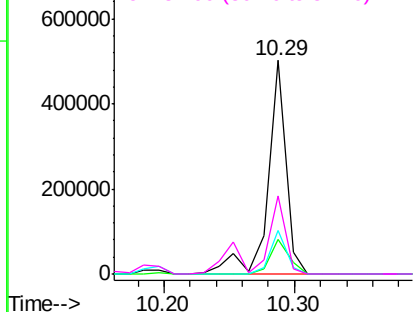


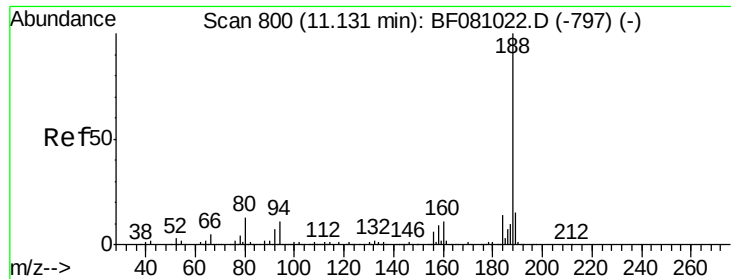
#62  
Azobenzene  
Concen: 43.96 ng  
RT: 10.29 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion: 77 Resp: 494845  
Ion Ratio Lower Upper  
77 100  
182 15.9 0.0 39.0  
105 20.1 0.2 40.2  
51 36.5 18.0 58.0



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

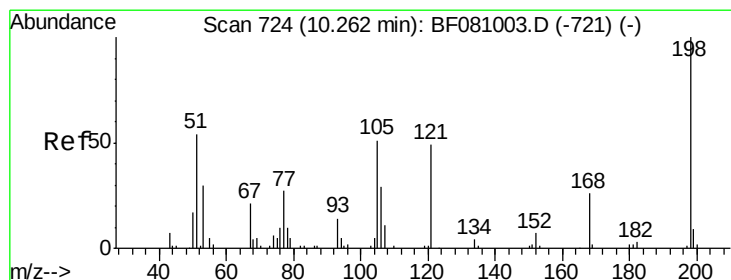
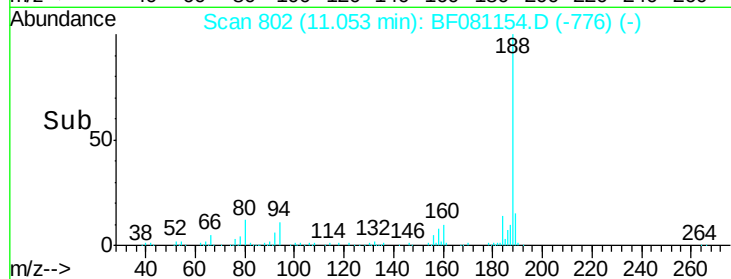
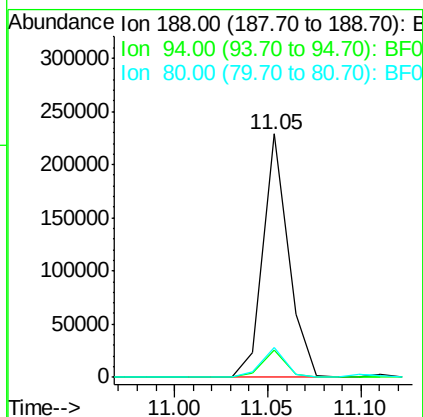
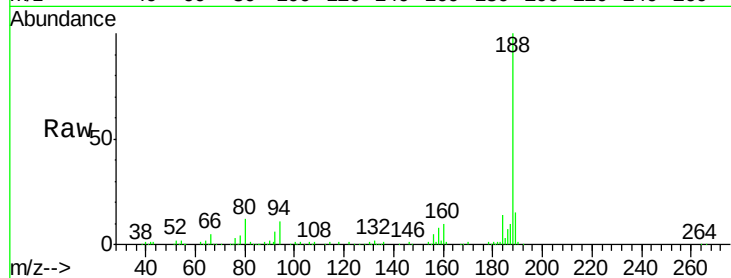




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.05 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

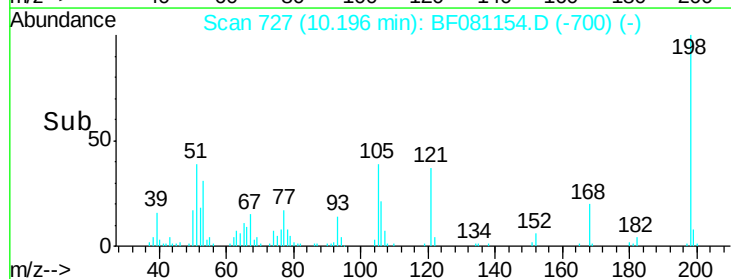
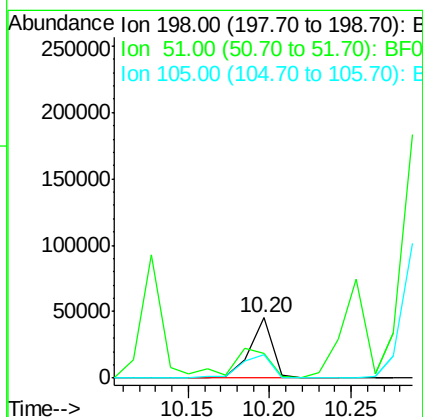
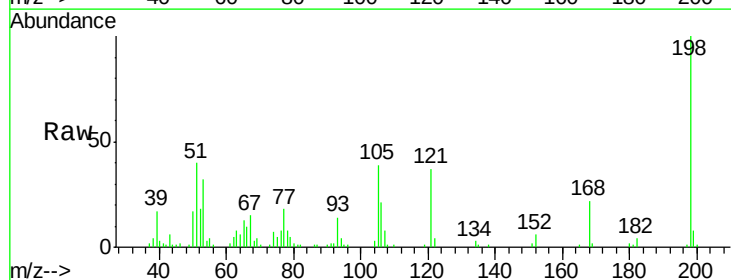
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

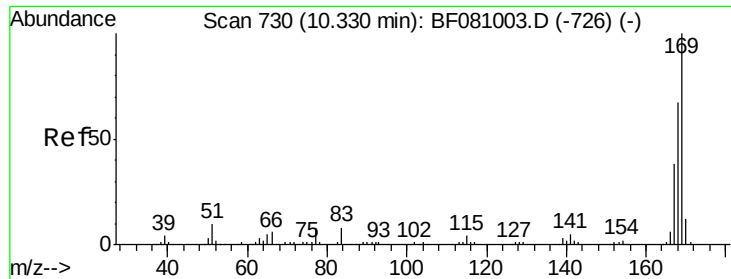
Tot Ion:188 Resp: 214696  
Ion Ratio Lower Upper  
188 100  
94 11.3 8.2 12.2  
80 12.1 9.5 14.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.00 ng  
RT: 10.20 min Scan# 727  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:198 Resp: 43588  
Ion Ratio Lower Upper  
198 100  
51 40.3 79.7 119.7#  
105 38.9 47.0 87.0#

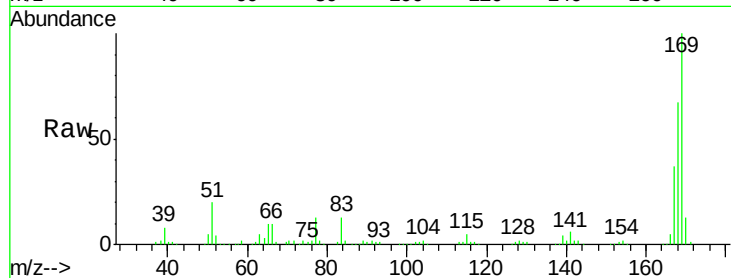




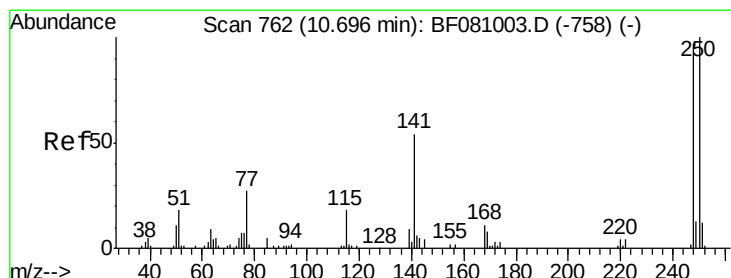
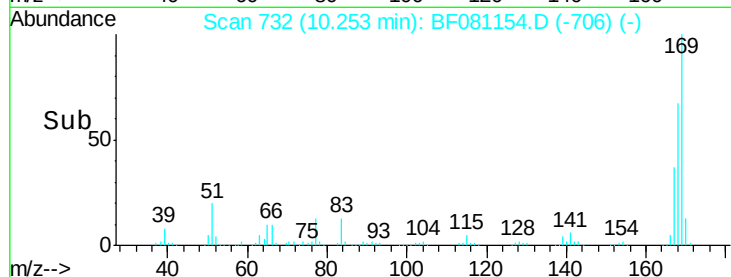
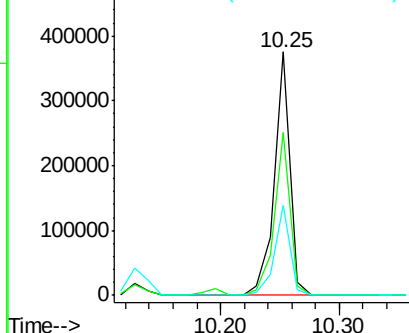
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.75 ng  
 RT: 10.25 min Scan# 732  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Tot Ion:169 Resp: 342969  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 55.3 82.9  
 167 37.2 30.8 46.2

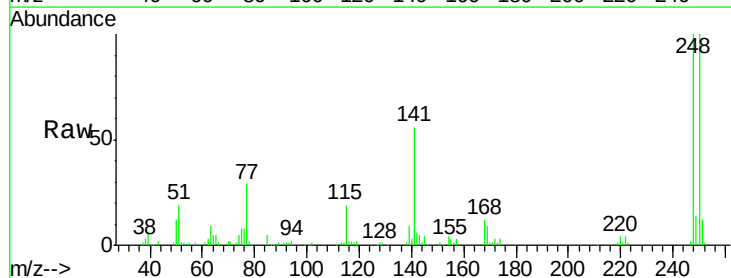


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

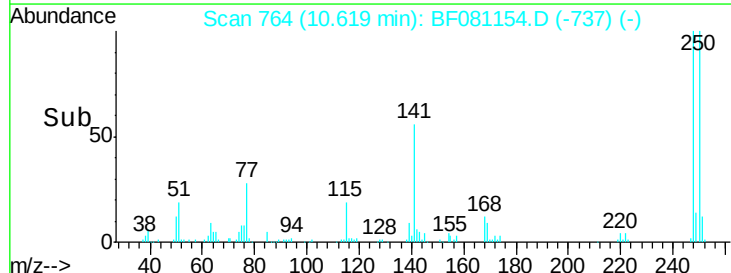
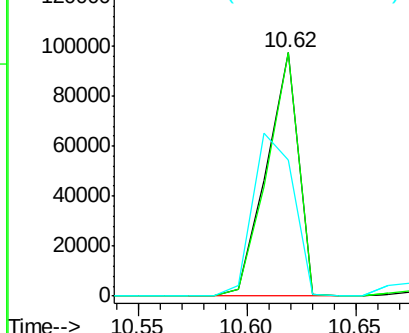


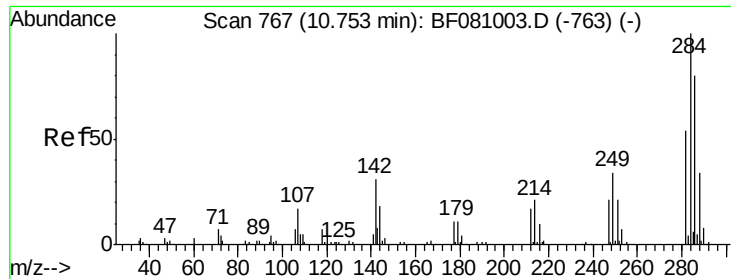
#66  
 4-Bromophenyl-phenylether  
 Concen: 47.91 ng  
 RT: 10.62 min Scan# 764  
 Delta R.T. 0.01 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:248 Resp: 101053  
 Ion Ratio Lower Upper  
 248 100  
 250 99.8 77.8 116.6  
 141 56.1 39.8 59.6



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





#67

Hexachlorobenzene

Concen: 49.18 ng

RT: 10.68 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

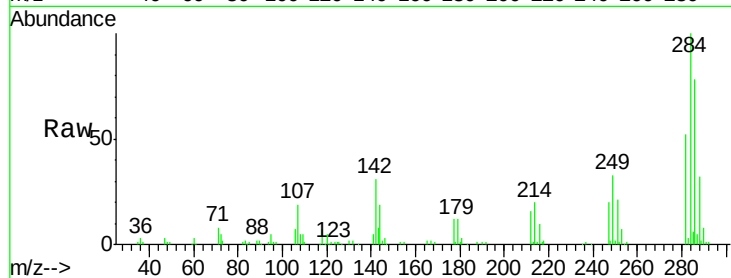
Tot Ion:284 Resp: 105040

Ion Ratio Lower Upper

284 100

142 31.3 25.4 38.0

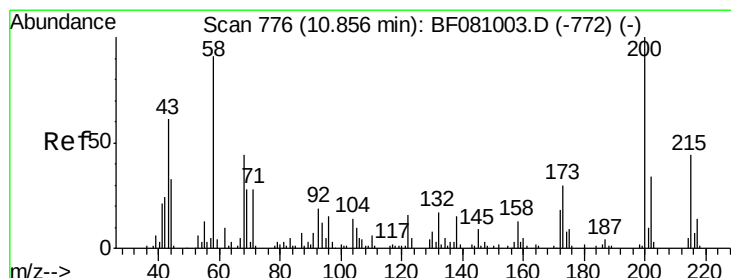
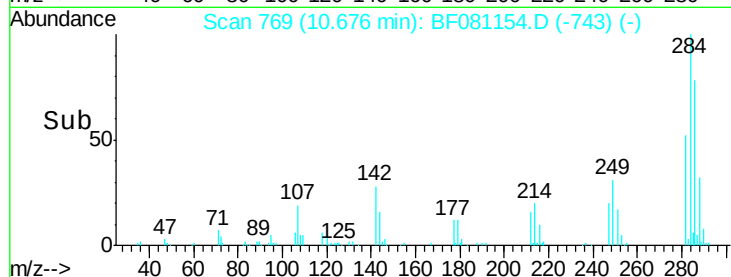
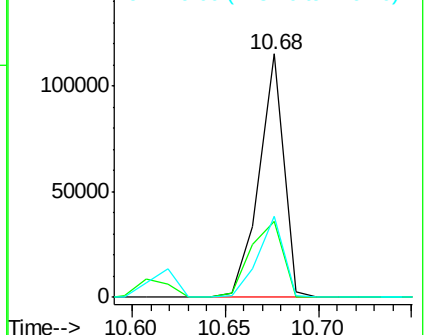
249 33.1 28.5 42.7



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: 54.26 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

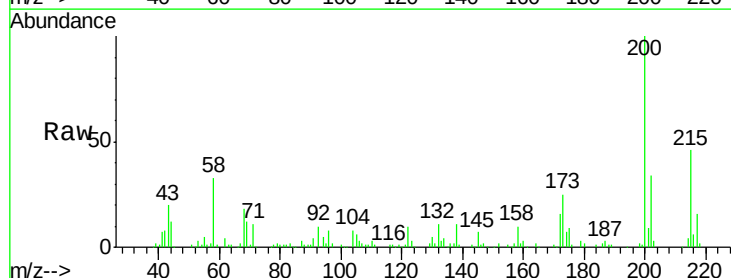
Tgt Ion:200 Resp: 115866

Ion Ratio Lower Upper

200 100

173 24.9 8.1 48.1

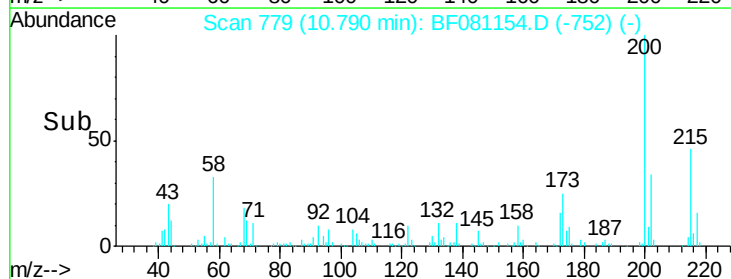
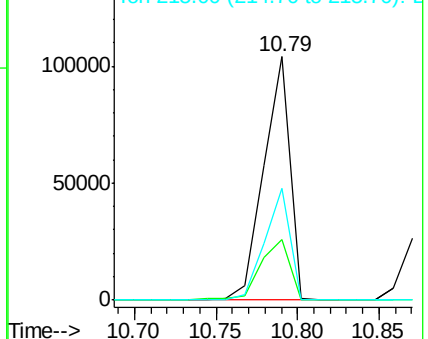
215 45.9 23.3 63.3

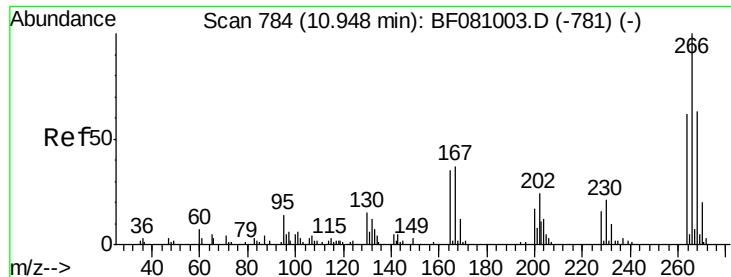


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

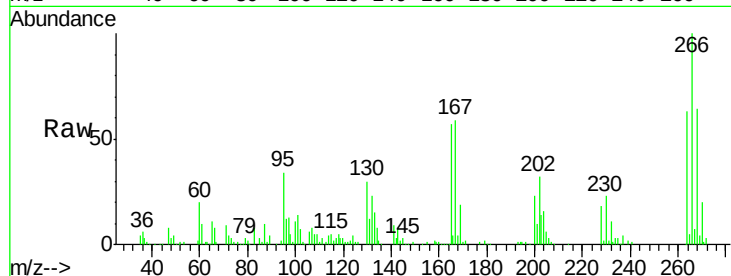




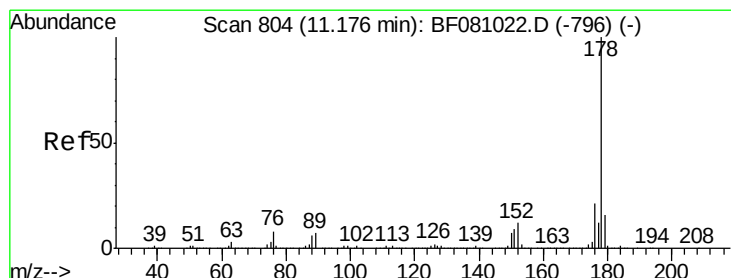
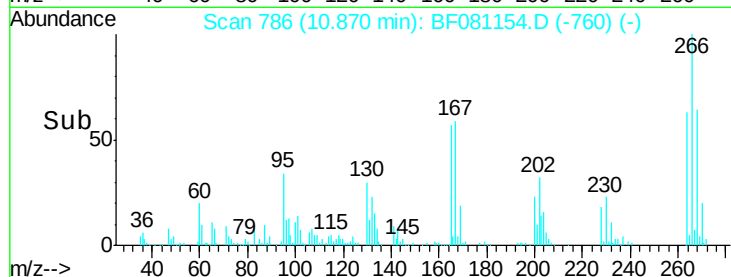
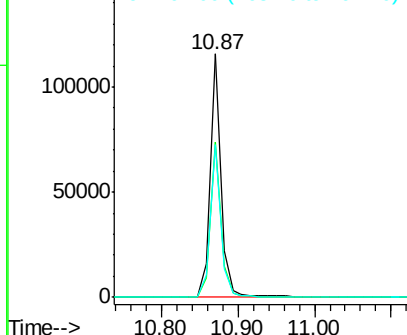
#69  
 Pentachlorophenol  
 Concen: 87.60 ng  
 RT: 10.87 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

Tot Ion:266 Resp: 112264  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 51.2 76.8  
 264 62.8 50.6 75.8

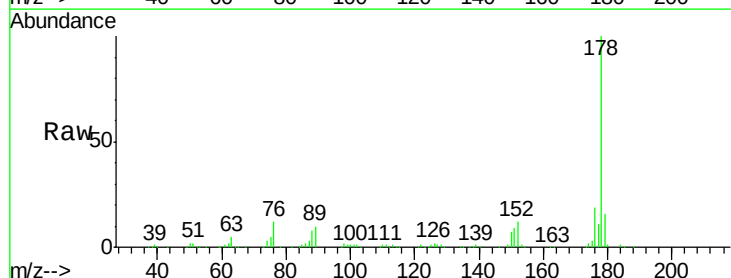


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

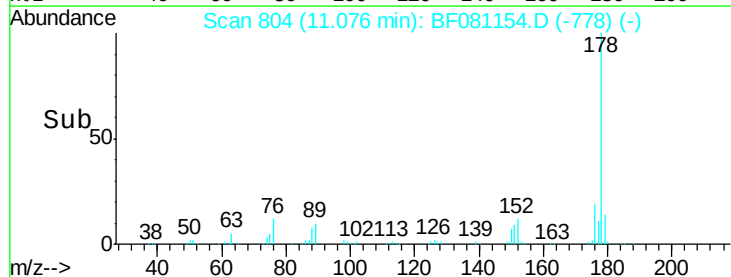
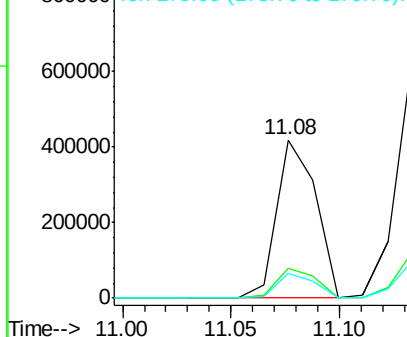


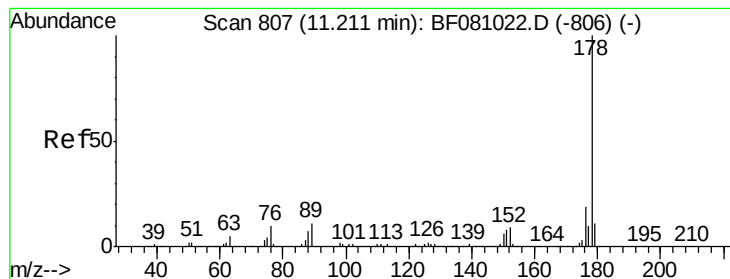
#70  
 Phenanthrene  
 Concen: 41.49 ng  
 RT: 11.08 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:178 Resp: 527951  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.7 23.5  
 179 15.7 12.2 18.2



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: 45.85 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

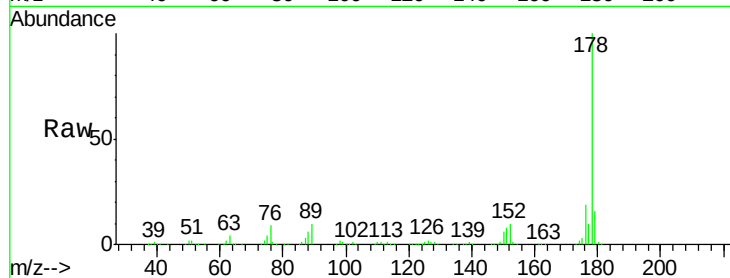
Tot Ion:178 Resp: 567673

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

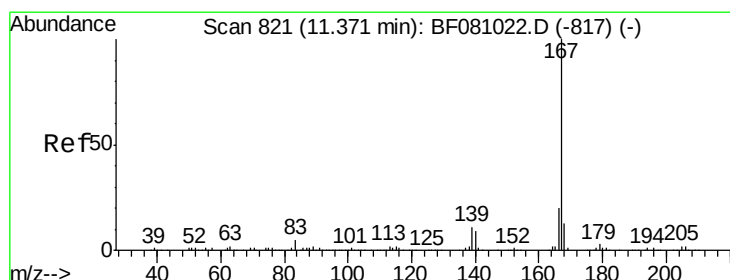
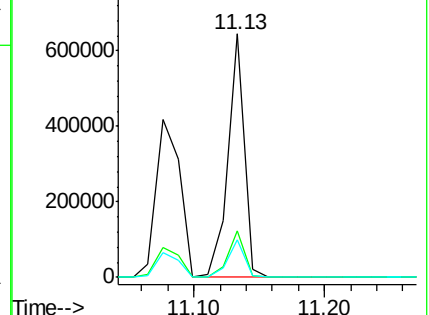
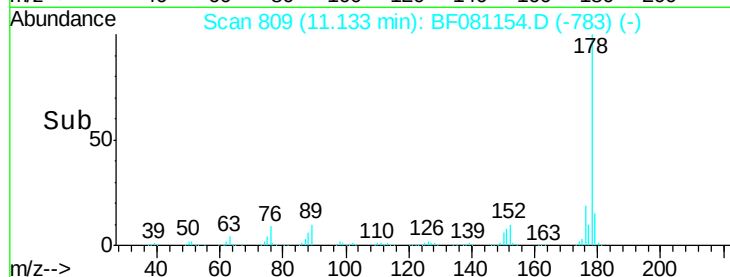
179 15.5 12.7 19.1



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: 48.85 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

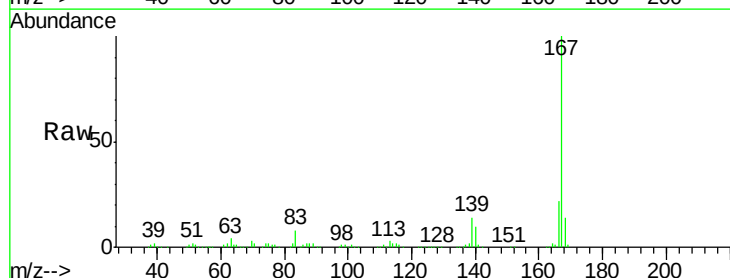
Tgt Ion:167 Resp: 582381

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

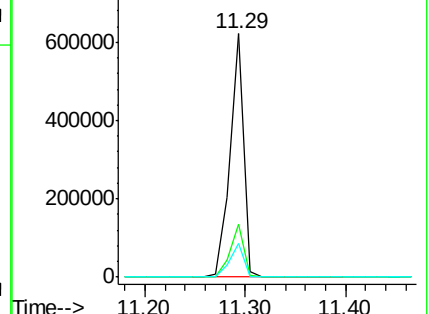
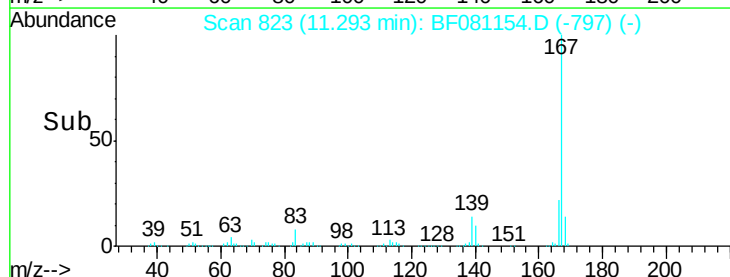
139 13.6 10.6 16.0



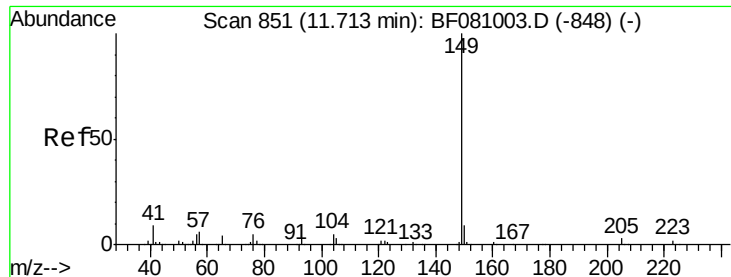
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

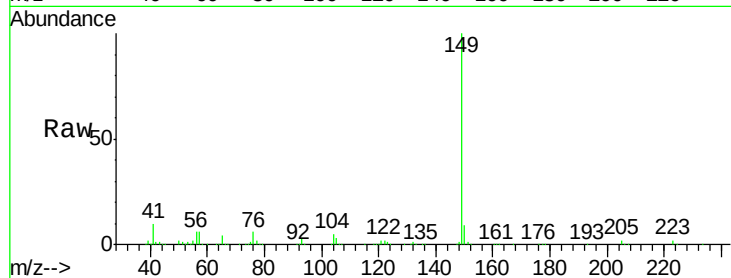
Tot Ion:149 Resp: 656095

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

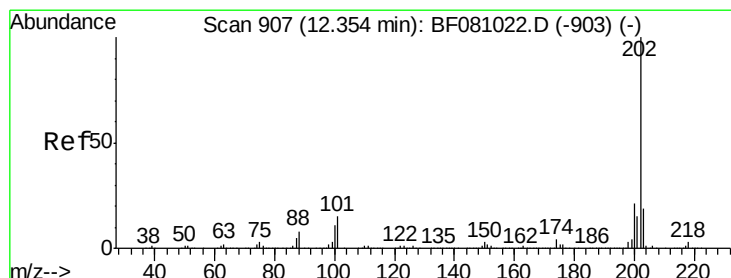
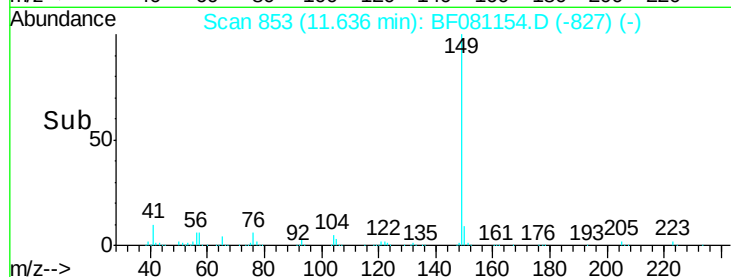
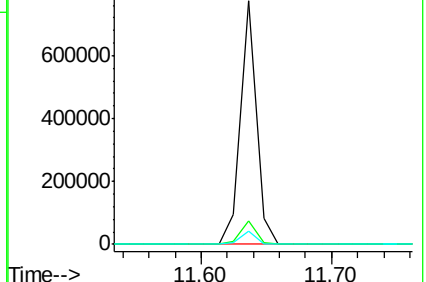
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.64 ng

RT: 12.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

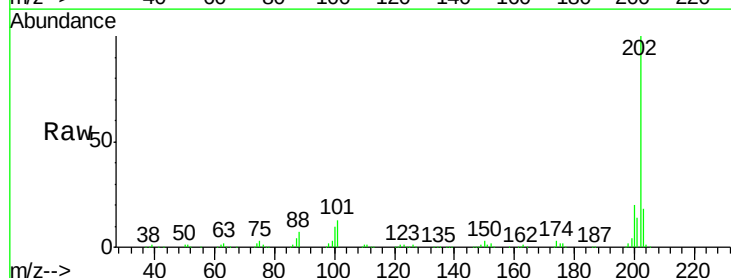
Tgt Ion:202 Resp: 530543

Ion Ratio Lower Upper

202 100

101 13.0 0.0 24.8

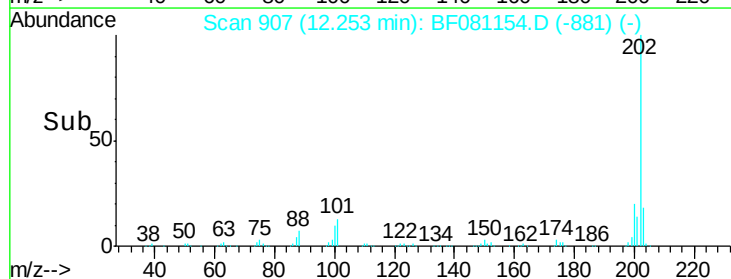
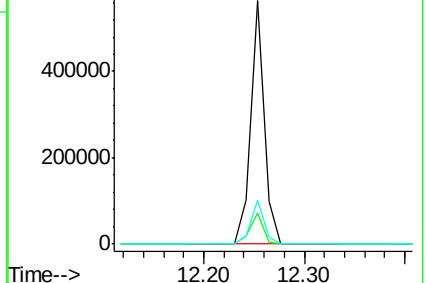
203 18.1 0.0 36.9

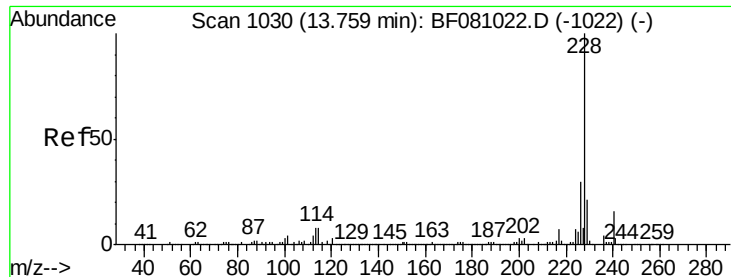


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

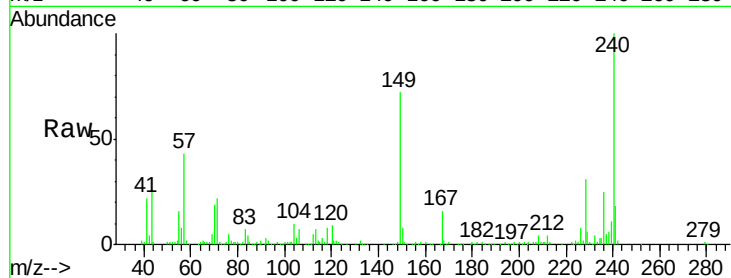
Tot Ion:240 Resp: 162768

Ion Ratio Lower Upper

240 100

120 9.1 5.6 8.4#

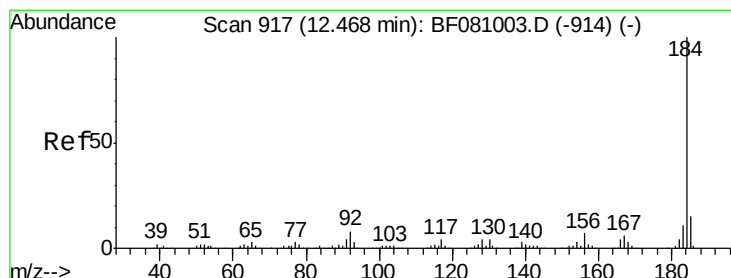
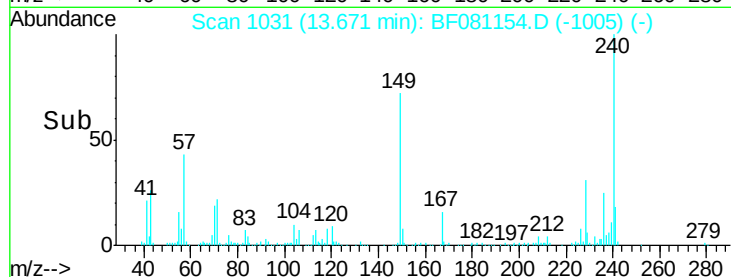
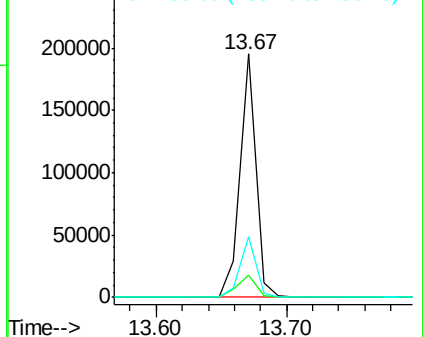
236 25.0 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.80 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

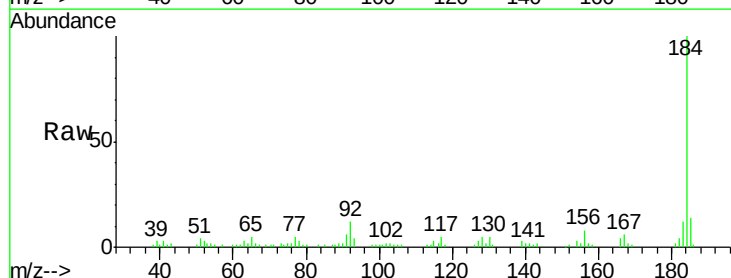
Tgt Ion:184 Resp: 91011

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

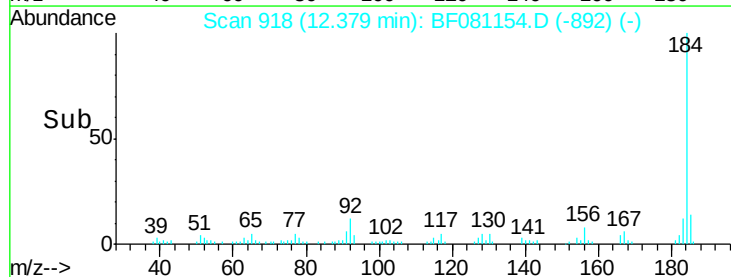
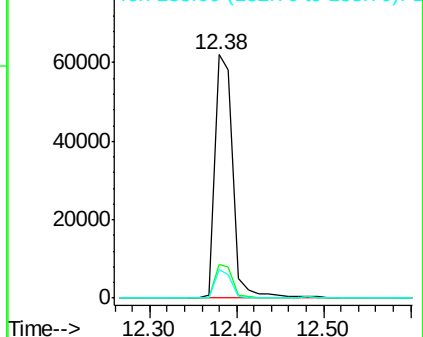
183 11.6 8.9 13.3

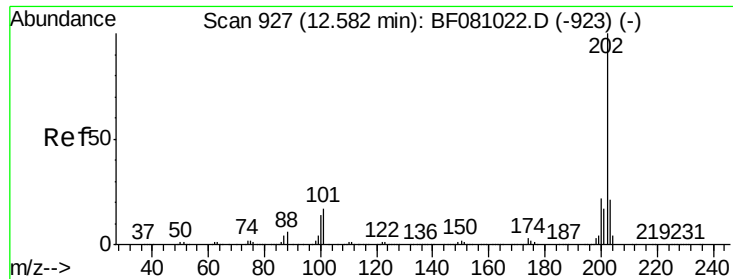


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

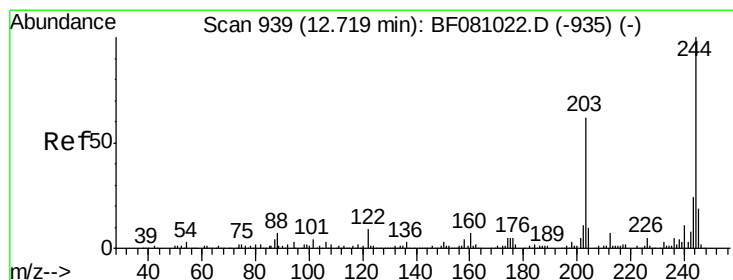
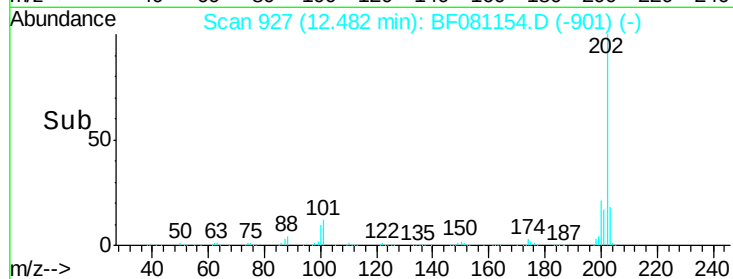
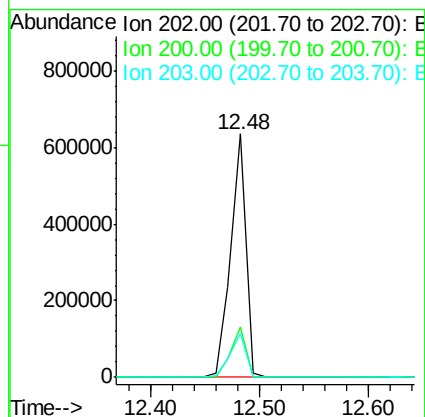
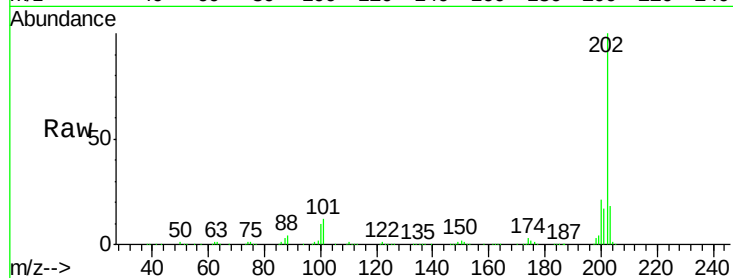




#77  
Pvrene  
Concen: 46.55 ng  
RT: 12.48 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

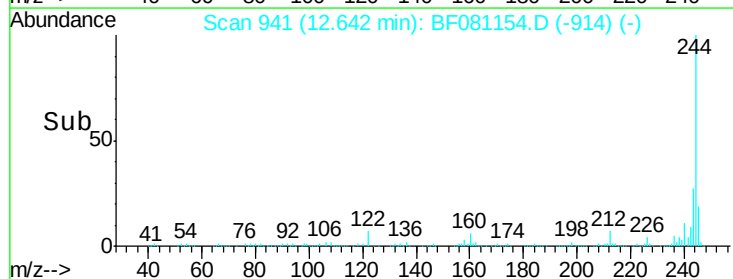
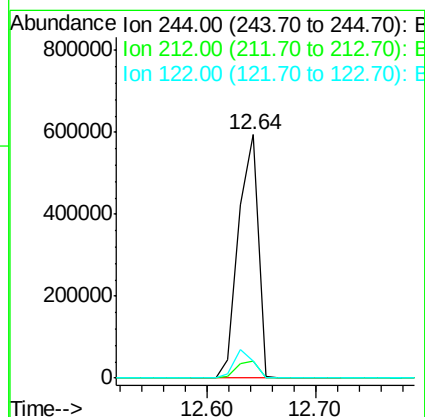
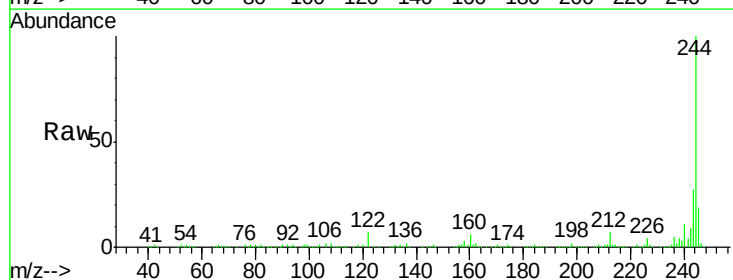
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

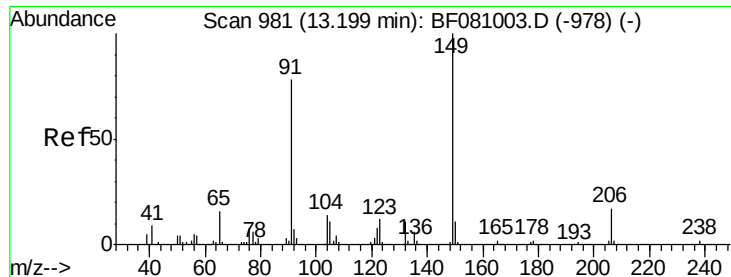
Tot Ion:202 Resp: 615888  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.6 24.8  
203 17.8 14.1 21.1



#78  
Terphenyl-d14  
Concen: 96.77 ng  
RT: 12.64 min Scan# 941  
Delta R.T. 0.01 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:244 Resp: 734737  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 7.2 8.2 12.4#

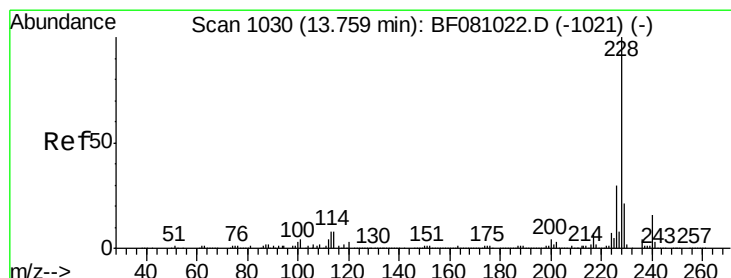
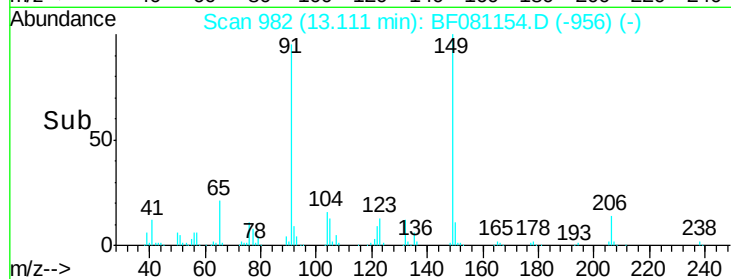
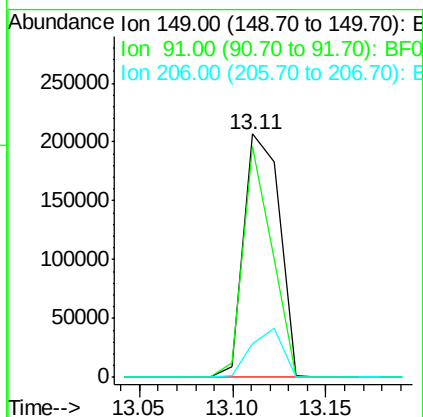
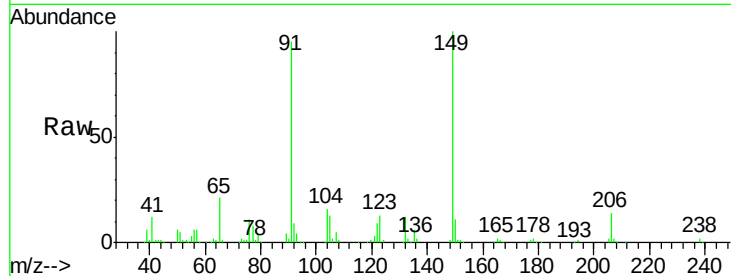




#79  
Butylbenzylphthalate  
Concen: 48.34 ng  
RT: 13.11 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

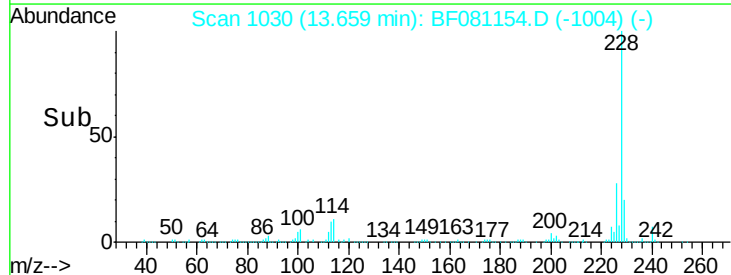
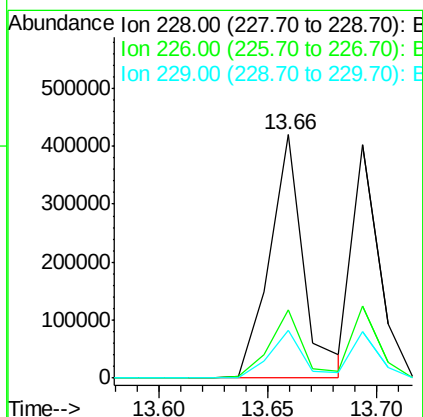
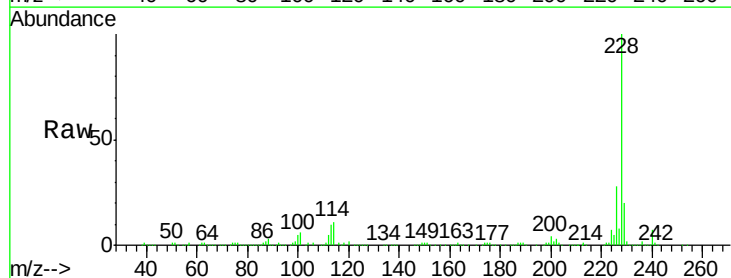
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

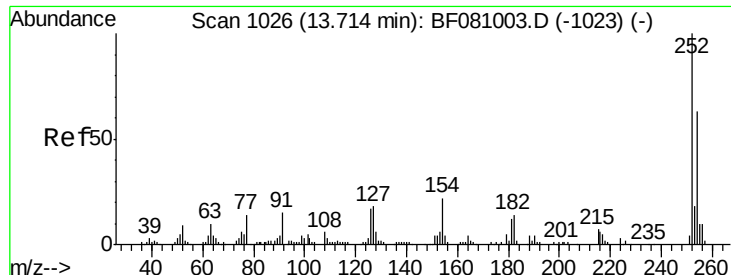
Tot Ion:149 Resp: 274932  
Ion Ratio Lower Upper  
149 100  
91 94.8 46.9 70.3#  
206 14.0 17.0 25.4#



#80  
Benzo(a)anthracene  
Concen: 42.34 ng  
RT: 13.66 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:228 Resp: 462162  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.3 33.5  
229 19.8 15.9 23.9

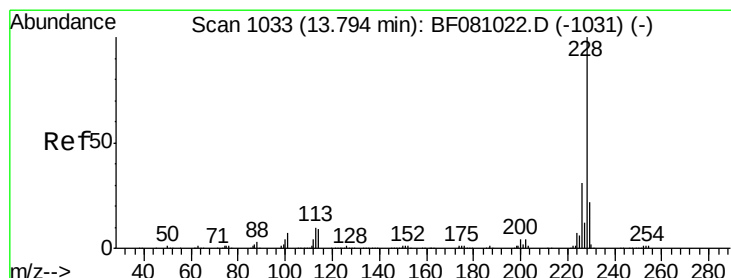
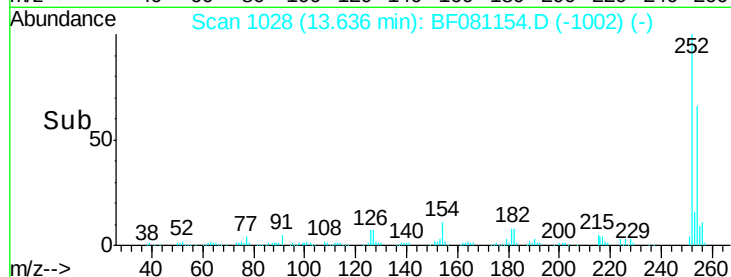
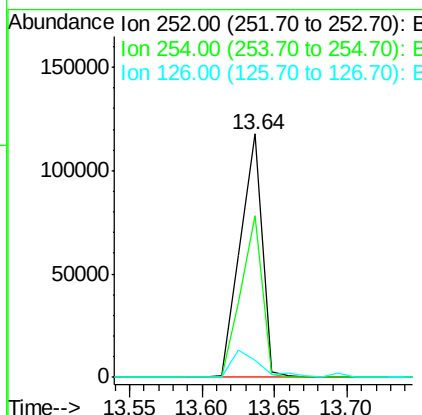
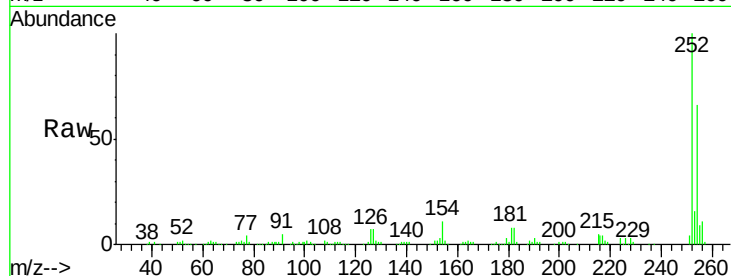




#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.07 ng  
 RT: 13.64 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

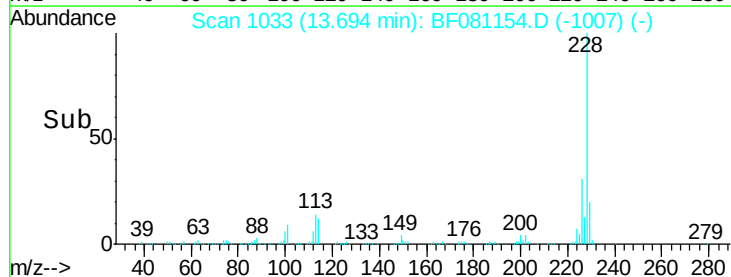
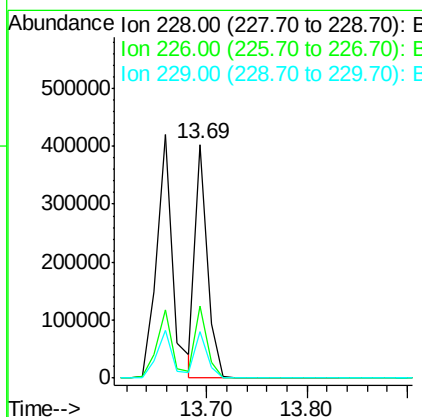
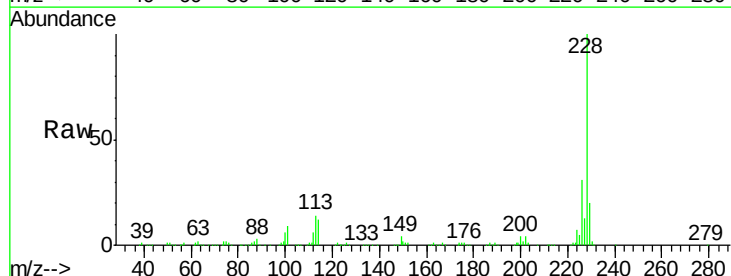
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

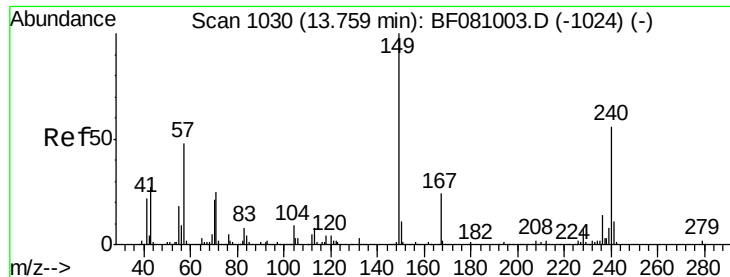
Tot Ion:252 Resp: 124000  
 Ion Ratio Lower Upper  
 252 100  
 254 66.4 51.5 77.3  
 126 6.9 12.5 18.7#



#82  
 Chrysene  
 Concen: 35.34 ng  
 RT: 13.69 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Tgt Ion:228 Resp: 347634  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.4 36.6  
 229 20.1 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.74 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

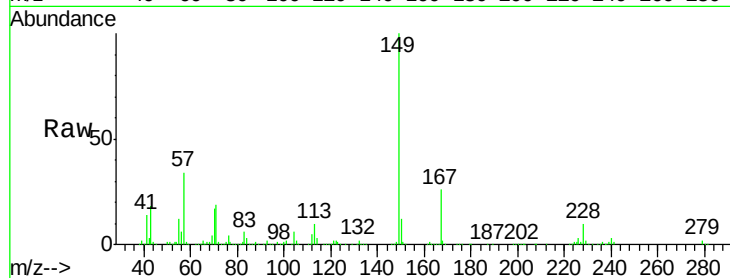
Tot Ion:149 Resp: 398829

Ion Ratio Lower Upper

149 100

167 26.4 20.7 31.1

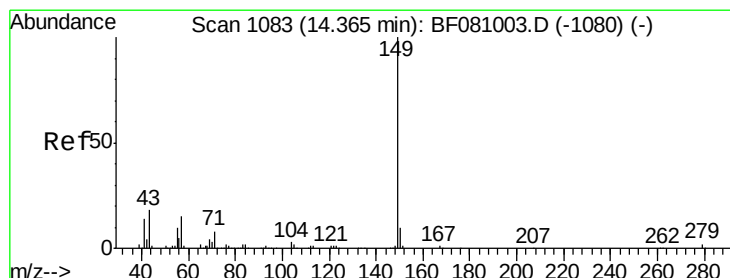
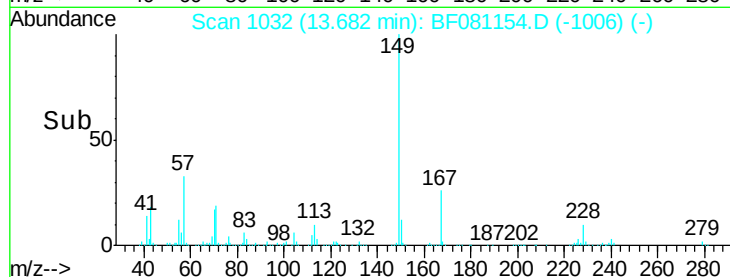
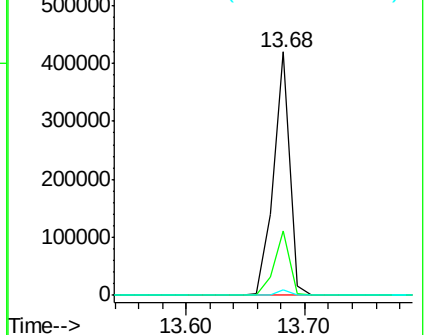
279 2.5 2.2 3.4



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: 58.70 ng

RT: 14.29 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

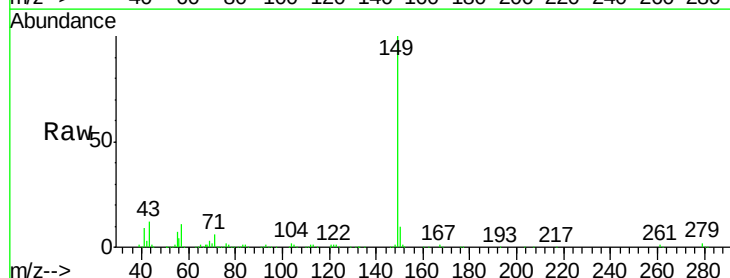
Tgt Ion:149 Resp: 650015

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

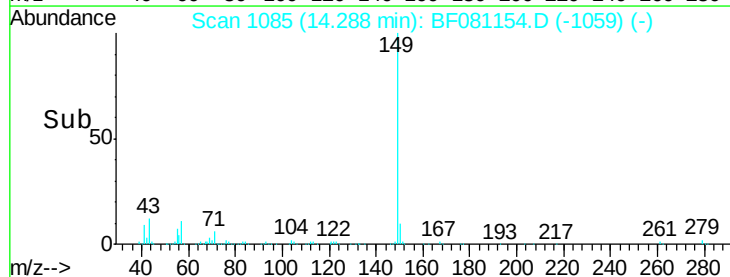
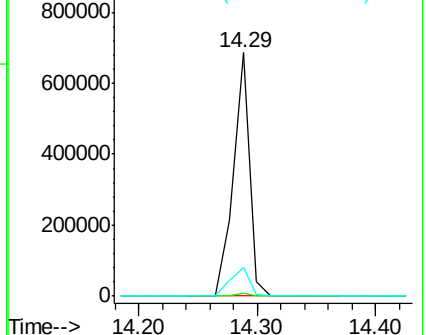
43 13.8 11.6 17.4

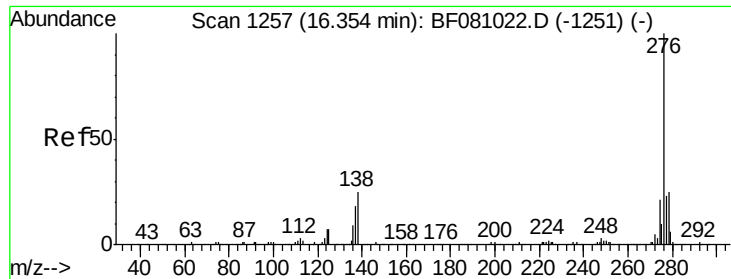


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

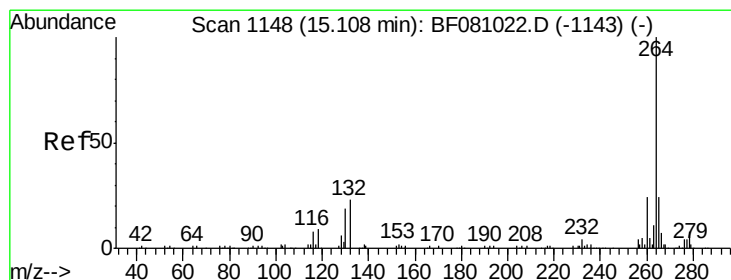
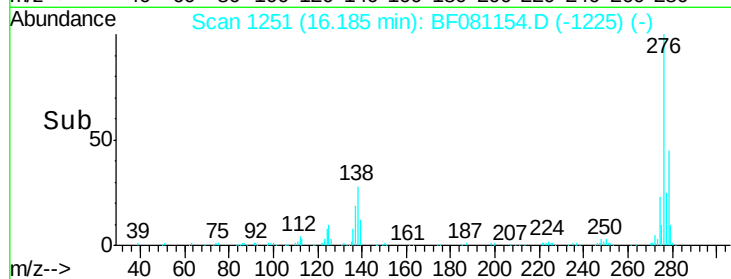
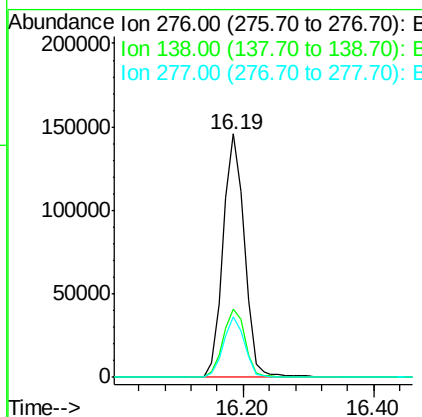
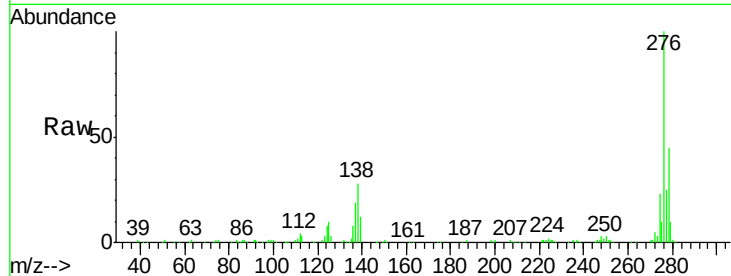




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.18 ng  
 RT: 16.19 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

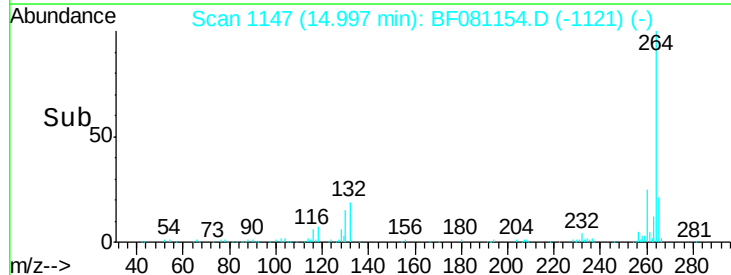
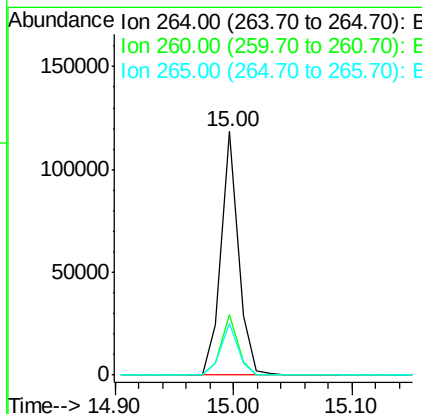
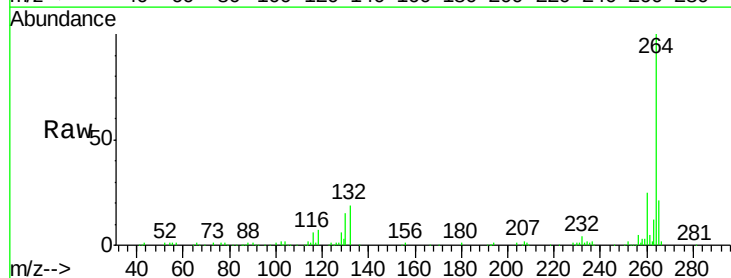
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

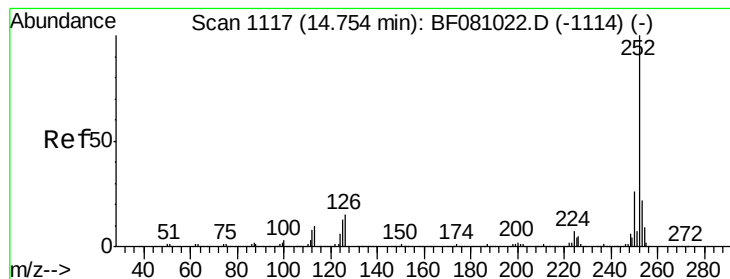
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.0  | 18.6  | 28.0# |
| 277     | 24.6  | 19.8  | 29.8  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.00 min Scan# 1147  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.6  | 29.4  |
| 265     | 20.9  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 84.93 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA\_F

ClientSampleId :

TEC-C1MS

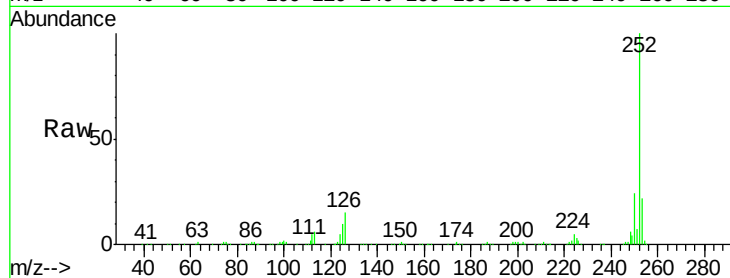
Tot Ion:252 Resp: 723903

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

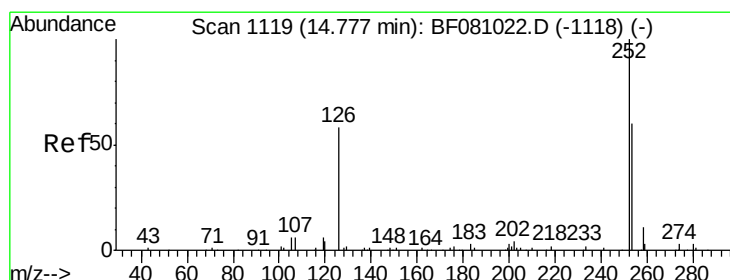
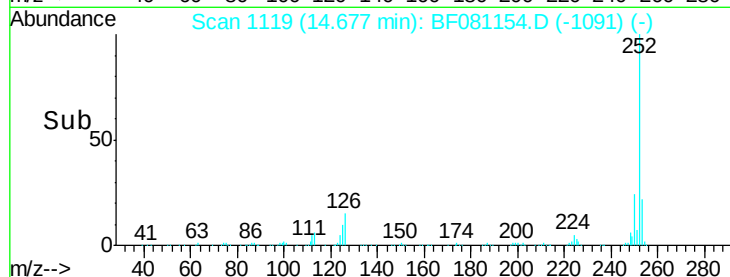
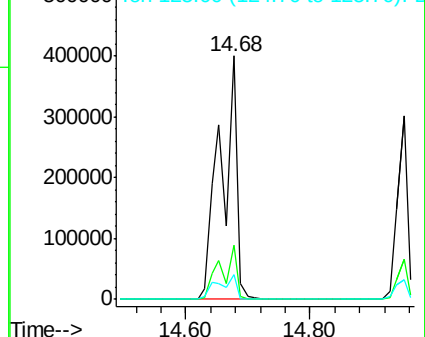
125 10.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.15 ng

RT: 14.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

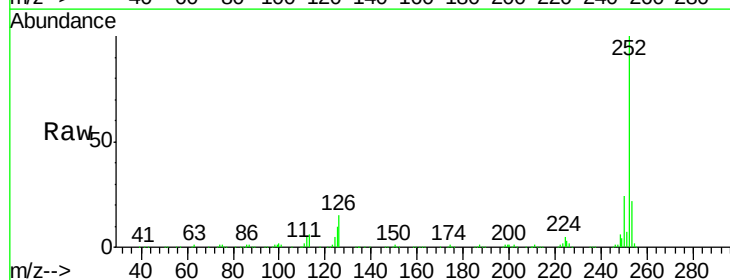
Tgt Ion:252 Resp: 723903

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

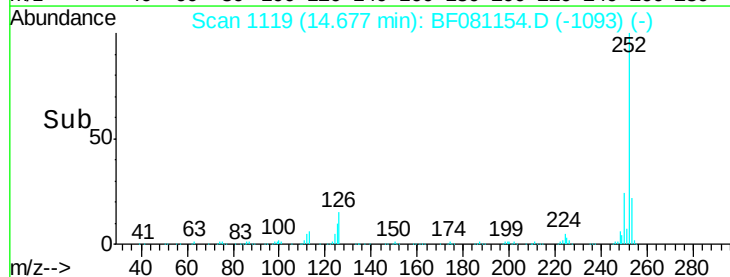
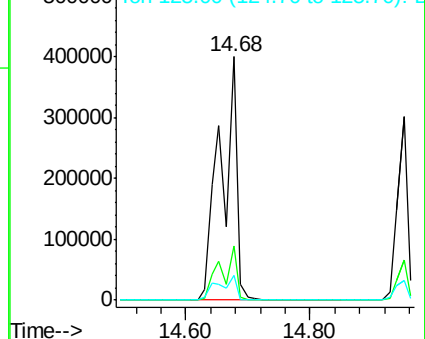
125 10.0 10.3 15.5#



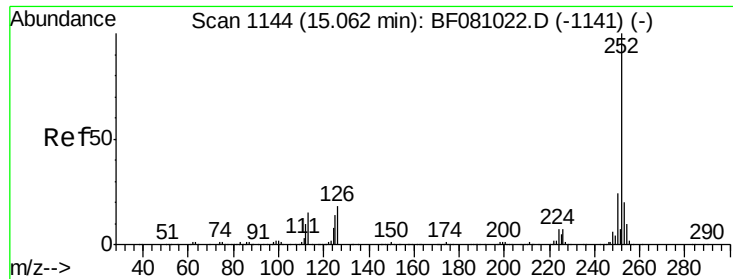
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



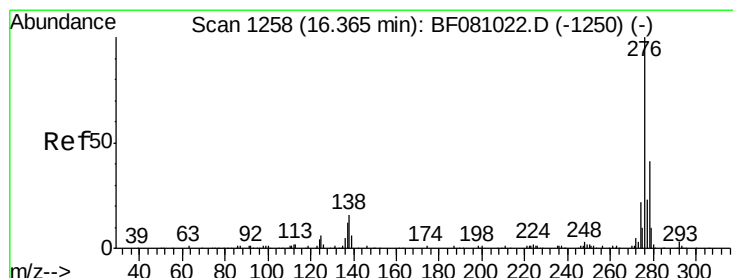
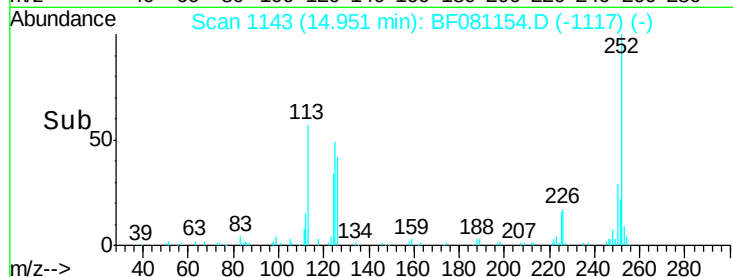
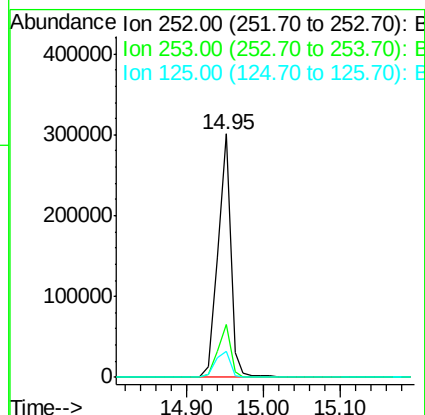
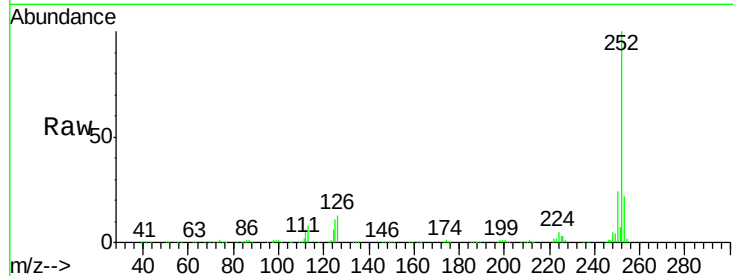




#89  
Benzo(a)pyrene  
Concen: 46.92 ng  
RT: 14.95 min Scan# 1143  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

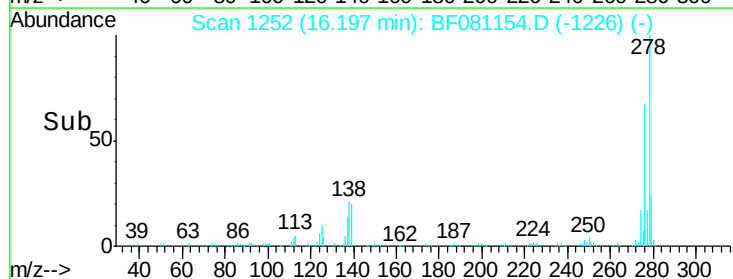
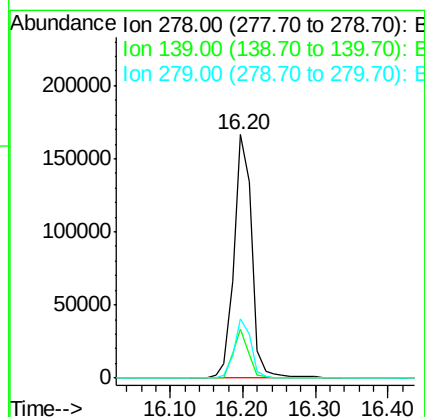
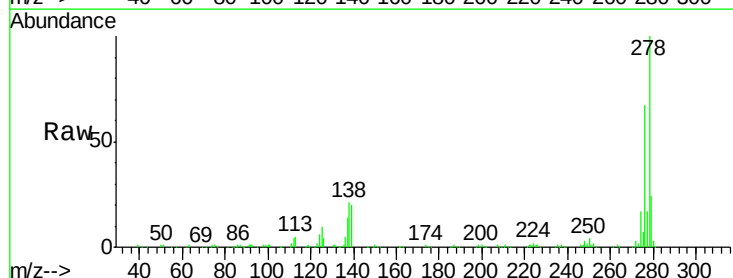
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-C1MS

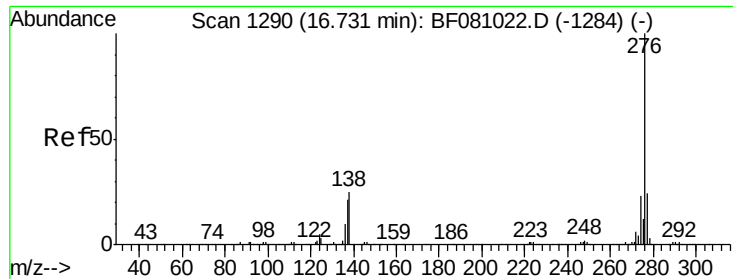
Tot Ion:252 Resp: 348475  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.6 25.0  
125 10.7 7.8 11.8



#90  
Dibenzo(a,h)anthracene  
Concen: 48.87 ng  
RT: 16.20 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: BF081154.D  
Acq: 21 Aug 2015 19:45

Tgt Ion:278 Resp: 282766  
Ion Ratio Lower Upper  
278 100  
139 20.3 10.8 16.2#  
279 24.5 19.0 28.6

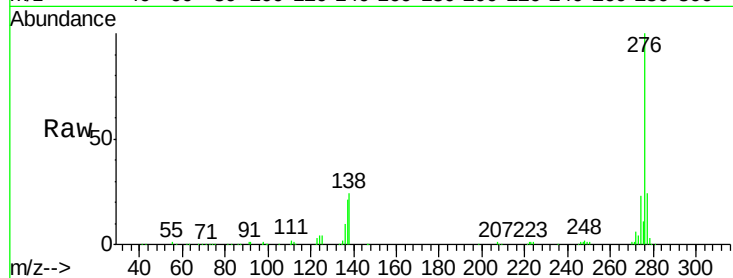




#91  
 Benzo(a,h,i)perylene  
 Concen: 44.94 ng  
 RT: 16.54 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: BF081154.D  
 Acq: 21 Aug 2015 19:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-C1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.2  | 27.2  |
| 138     | 24.4  | 13.7  | 20.5  |



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

