

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\  
 Data File : BF077788.D  
 Acq On : 17 Mar 2015 23:06  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 18 03:42:17 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 00:52:09 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.16  | 152  | 56778    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.74  | 136  | 236602   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.91 | 164  | 116175   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 218275   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.03 | 240  | 223895   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.77 | 264  | 221772   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 253525 | 77.94 | ng | -0.01 |
| 7) Phenol-d6             | 6.73  | 99  | 314123 | 78.16 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.86  | 82  | 295830 | 81.96 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.88 | 330 | 80355  | 72.29 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 10.09 | 172 | 619763 | 78.40 | ng | 0.00  |
| 78) Terphenyl-d14        | 14.74 | 244 | 669354 | 73.03 | ng | 0.00  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.04 | 88  | 51293  | 34.73 | ng | # 100  |
| 3) Pyridine                    | 2.73 | 79  | 133612 | 33.67 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.66 | 42  | 59063  | 34.18 | ng | 96     |
| 6) Aniline                     | 6.75 | 93  | 228517 | 39.75 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.89 | 128 | 148650 | 38.39 | ng | 99     |
| 9) Benzaldehyde                | 6.60 | 77  | 72826  | 44.23 | ng | 97     |
| 10) Phenol                     | 6.74 | 94  | 182228 | 38.36 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.85 | 93  | 143515 | 40.33 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.08 | 146 | 168848 | 39.21 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.18 | 146 | 170411 | 38.08 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.37 | 146 | 155977 | 38.02 | ng | 99     |
| 15) Benzyl Alcohol             | 7.34 | 79  | 119717 | 38.16 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.53 | 45  | 190566 | 39.74 | ng | 98     |
| 17) 2-Methylphenol             | 7.49 | 107 | 119590 | 37.94 | ng | 97     |
| 18) Hexachloroethane           | 7.78 | 117 | 57777  | 39.37 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.69 | 70  | 101528 | 36.52 | ng | # 90   |
| 20) 3+4-Methylphenols          | 7.69 | 107 | 156756 | 37.90 | ng | 95     |
| 22) Acetophenone               | 7.68 | 105 | 204820 | 39.10 | ng | # 93   |
| 24) Nitrobenzene               | 7.88 | 77  | 157361 | 40.47 | ng | # 83   |
| 25) Isophorone                 | 8.18 | 82  | 285531 | 39.17 | ng | 96     |
| 26) 2-Nitrophenol              | 8.27 | 139 | 75607  | 39.72 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 8.34 | 122 | 132813 | 38.29 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 8.46 | 93  | 175091 | 39.57 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.57 | 162 | 124970 | 37.80 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.67 | 180 | 139146 | 37.62 | ng | 98     |
| 31) Naphthalene                | 8.76 | 128 | 466447 | 38.39 | ng | 100    |
| 32) Benzoic acid               | 8.45 | 122 | 59049  | 31.65 | ng | 97     |
| 33) 4-Chloroaniline            | 8.84 | 127 | 191817 | 38.89 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.92 | 225 | 79923  | 38.12 | ng | 98     |
| 35) Caprolactam                | 9.28 | 113 | 39443  | 40.82 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 9.45 | 107 | 125974 | 37.87 | ng | 86     |
| 37) 2-Methylnaphthalene        | 9.62 | 142 | 306547 | 37.55 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.82 | 216 | 127323 | 36.74 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.81 | 237 | 59218  | 35.95 | ng | 97     |

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Instrument :  
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 SSTDCCC040EC

Quant Time: Mar 18 03:42:17 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 00:52:09 2015  
 Response via : Initial Calibration

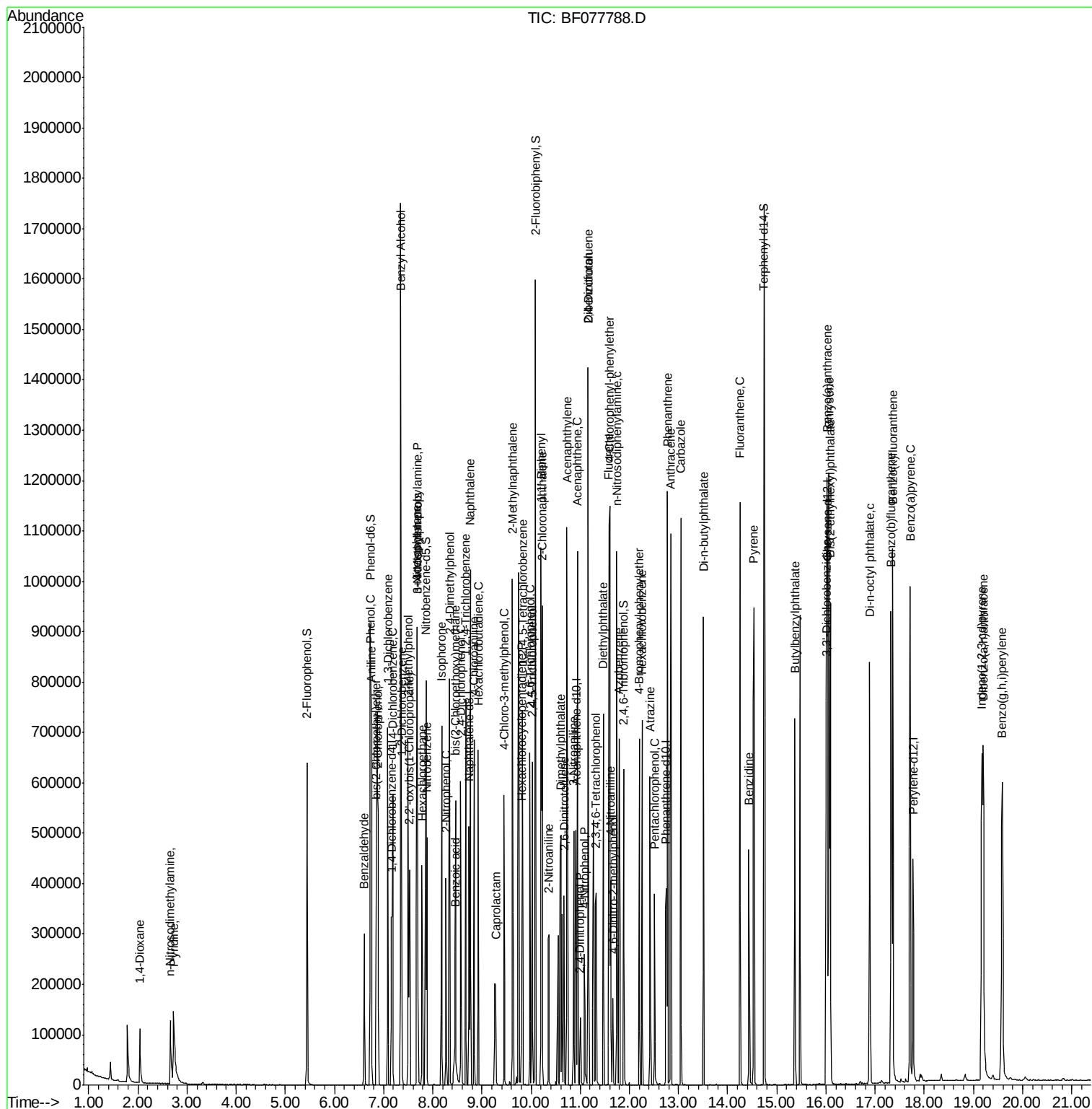
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.97  | 196  | 90853    | 37.85 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 10.02 | 196  | 99347    | 38.31 | nq    | # 88     |
| 45) 1,1'-Biphenyl              | 10.20 | 154  | 347548   | 37.42 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 10.22 | 162  | 298513   | 39.55 | nq    | 97       |
| 47) 2-Nitroaniline             | 10.35 | 65   | 71699    | 38.25 | nq    | # 81     |
| 48) Acenaphthylene             | 10.73 | 152  | 468960   | 37.37 | nq    | 100      |
| 49) Dimethylphthalate          | 10.60 | 163  | 331029   | 38.42 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165  | 73323    | 41.05 | nq    | # 74     |
| 51) Acenaphthene               | 10.95 | 154  | 267339   | 37.15 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.87 | 138  | 77020    | 37.13 | nq    | # 75     |
| 53) 2,4-Dinitrophenol          | 11.00 | 184  | 19943    | 35.39 | nq    | # 78     |
| 54) Dibenzofuran               | 11.16 | 168  | 400639   | 37.54 | nq    | 95       |
| 55) 4-Nitrophenol              | 11.08 | 139  | 57325    | 37.31 | nq    | # 72     |
| 56) 2,4-Dinitrotoluene         | 11.16 | 165  | 94897    | 40.75 | nq    | # 82     |
| 57) Fluorene                   | 11.59 | 166  | 328223   | 37.04 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.32 | 232  | 77213    | 38.67 | nq    | # 100    |
| 59) Diethylphthalate           | 11.47 | 149  | 305804   | 36.42 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.60 | 204  | 145484   | 35.97 | nq    | 89       |
| 61) 4-Nitroaniline             | 11.62 | 138  | 78733    | 38.08 | nq    | 78       |
| 62) Azobenzene                 | 11.79 | 77   | 296595   | 36.96 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 11.67 | 198  | 36673    | 36.70 | nq    | # 72     |
| 65) n-Nitrosodiphenylamine     | 11.75 | 169  | 283471   | 39.00 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.20 | 248  | 89977    | 38.63 | nq    | # 87     |
| 67) Hexachlorobenzene          | 12.26 | 284  | 98454    | 38.47 | nq    | # 85     |
| 68) Atrazine                   | 12.42 | 200  | 74733    | 36.69 | nq    | 94       |
| 69) Pentachlorophenol          | 12.51 | 266  | 47156    | 36.90 | nq    | 96       |
| 70) Phenanthrene               | 12.77 | 178  | 485399   | 38.74 | nq    | 99       |
| 71) Anthracene                 | 12.84 | 178  | 495399   | 40.02 | nq    | 99       |
| 72) Carbazole                  | 13.05 | 167  | 466375   | 39.60 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.51 | 149  | 506747   | 38.38 | nq    | 99       |
| 74) Fluoranthene               | 14.25 | 202  | 517101   | 37.41 | nq    | 95       |
| 76) Benzidine                  | 14.43 | 184  | 211948   | 38.25 | nq    | 98       |
| 77) Pyrene                     | 14.53 | 202  | 550476   | 39.10 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.37 | 149  | 211813   | 38.16 | nq    | 98       |
| 80) Benzo(a)anthracene         | 16.02 | 228  | 518526   | 39.07 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.01 | 252  | 168142   | 38.41 | nq    | # 98     |
| 82) Chrysene                   | 16.07 | 228  | 471870   | 39.54 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 16.09 | 149  | 298795   | 35.53 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 16.89 | 149  | 505767   | 35.18 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 19.17 | 276  | 589276m  | 39.56 | nq    |          |
| 87) Benzo(b)fluoranthene       | 17.32 | 252  | 540335   | 37.32 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 17.36 | 252  | 444821   | 39.33 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 17.71 | 252  | 480828   | 39.80 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.20 | 278  | 456289   | 38.08 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 19.59 | 276  | 470479   | 38.57 | nq    | 99       |

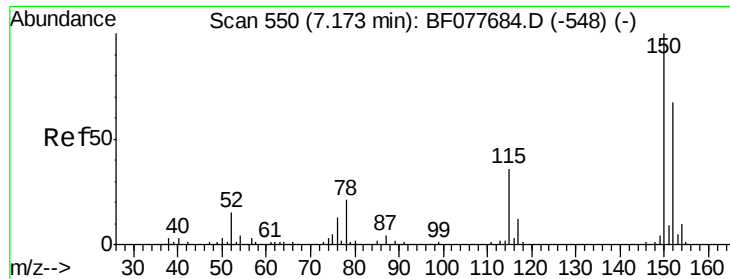
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040EC

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

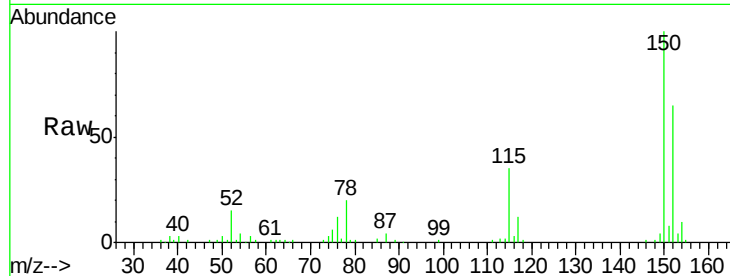
Tot Ion:152 Resp: 56778

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

115 54.5 43.0 64.4



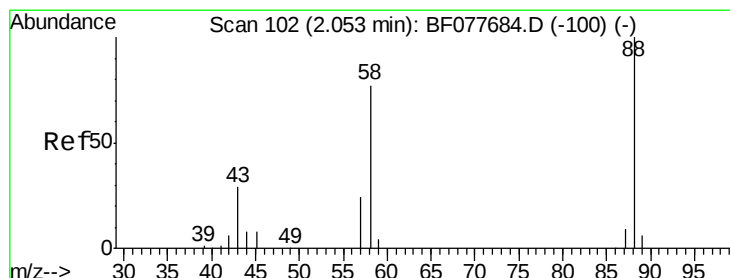
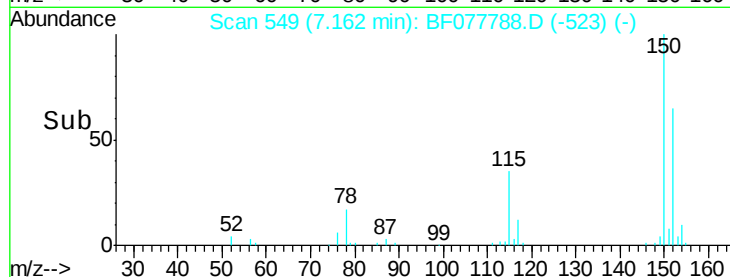
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.16

Time-->



#2

1,4-Dioxane

Concen: 34.73 ng

RT: 2.04 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

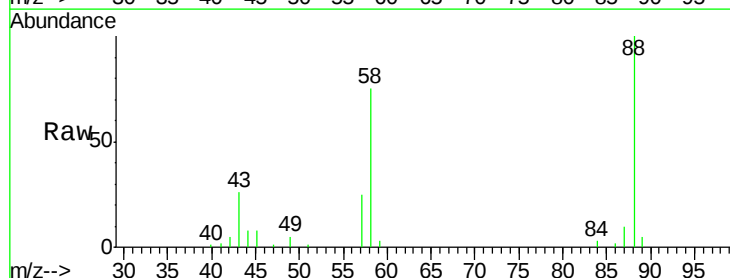
Tgt Ion: 88 Resp: 51293

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

43 25.5 0.0 0.0#



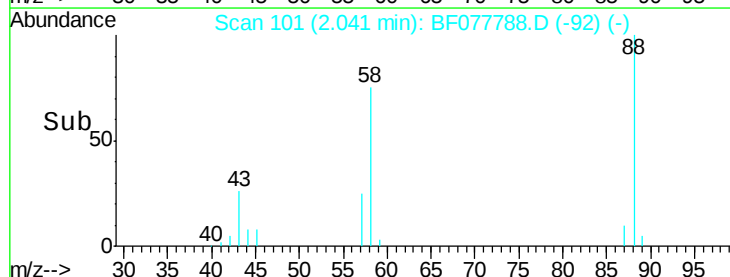
Abundance Ion 88.00 (87.70 to 88.70): BF0

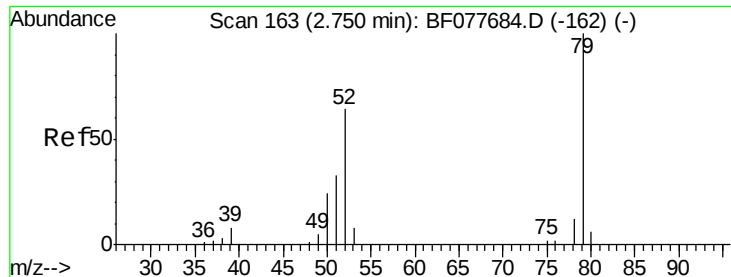
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

2.04

Time-->





#3

Pvridine

Concen: 33.67 ng

RT: 2.73 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

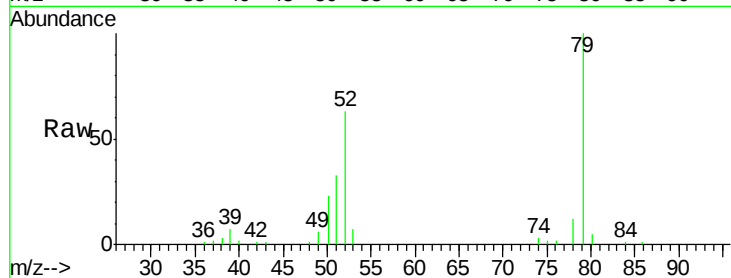
Tot Ion: 79 Resp: 133612

Ion Ratio Lower Upper

79 100

52 62.6 51.1 76.7

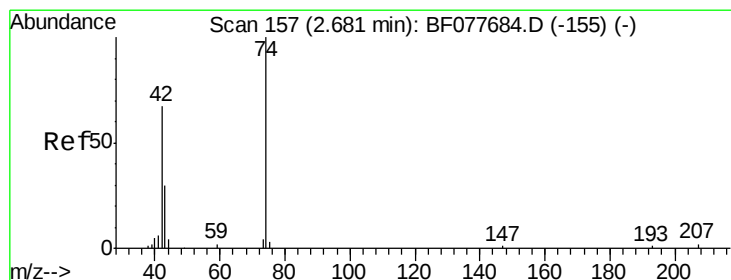
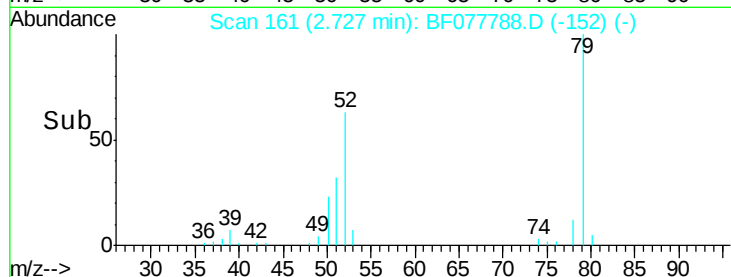
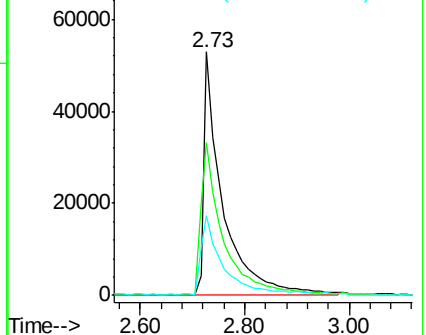
51 32.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.18 ng

RT: 2.66 min Scan# 155

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

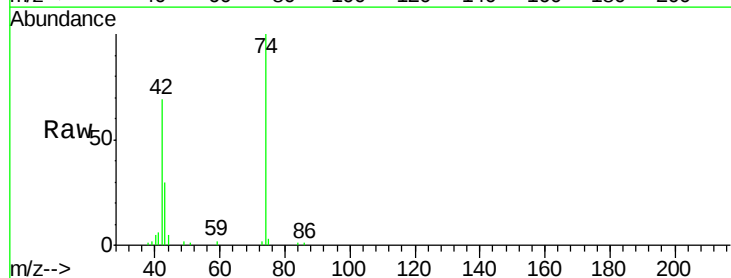
Tgt Ion: 42 Resp: 59063

Ion Ratio Lower Upper

42 100

74 144.1 119.3 178.9

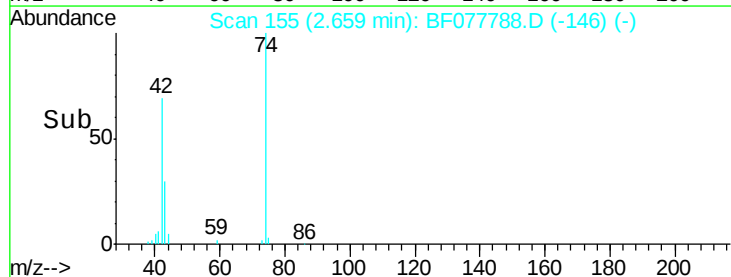
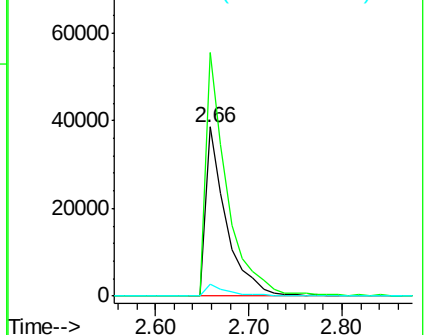
44 7.4 5.4 8.2

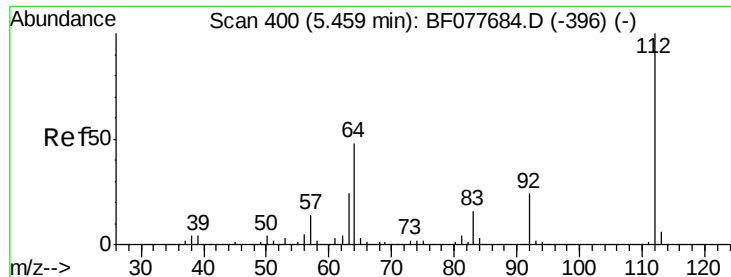


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.94 ng

RT: 5.44 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

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ClientSampleId :

SSTDCCC040EC

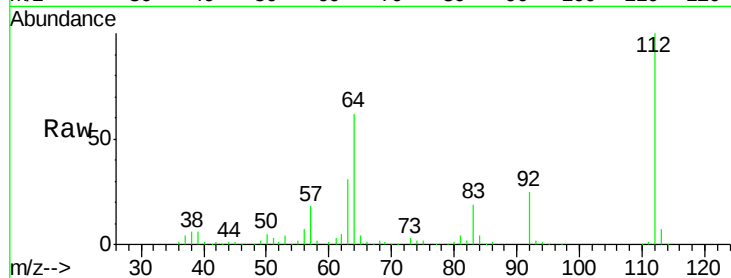
Tot Ion:112 Resp: 253525

Ion Ratio Lower Upper

112 100

64 61.6 38.6 57.8#

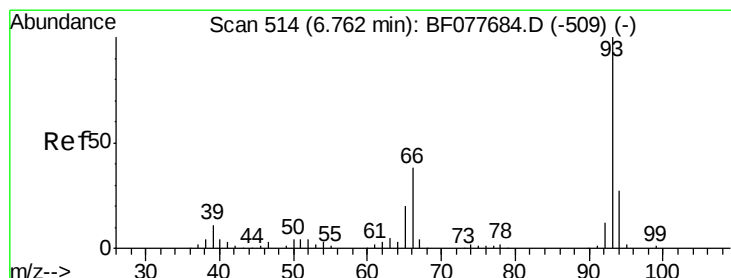
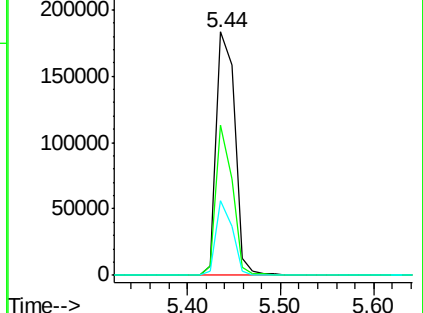
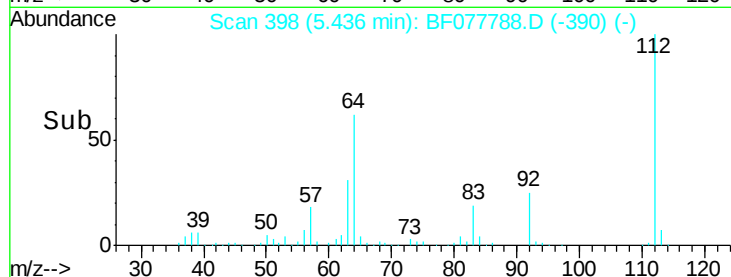
63 30.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.75 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

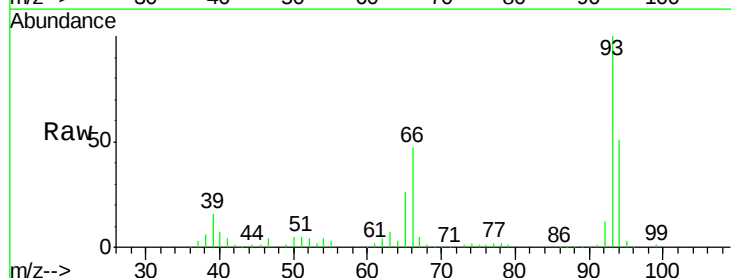
Tgt Ion: 93 Resp: 228517

Ion Ratio Lower Upper

93 100

66 47.2 30.8 46.2#

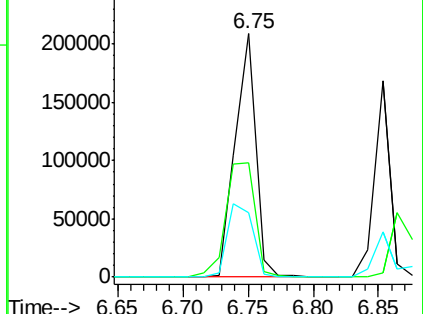
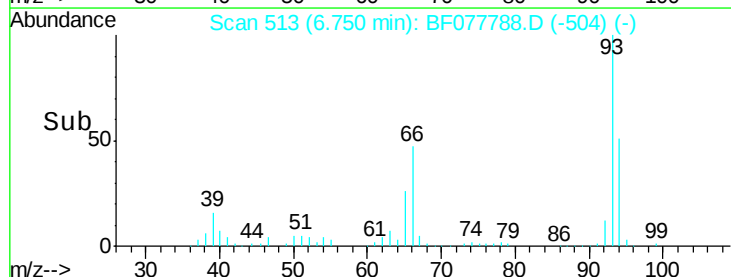
65 26.5 16.0 24.0#

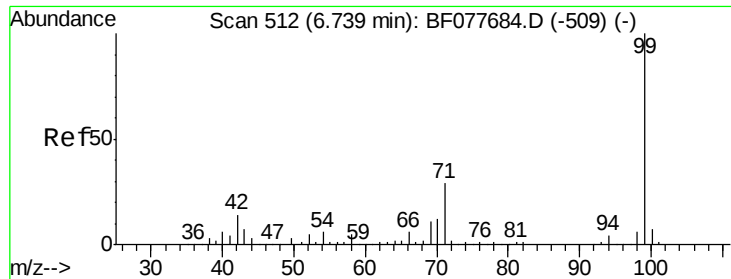


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.16 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

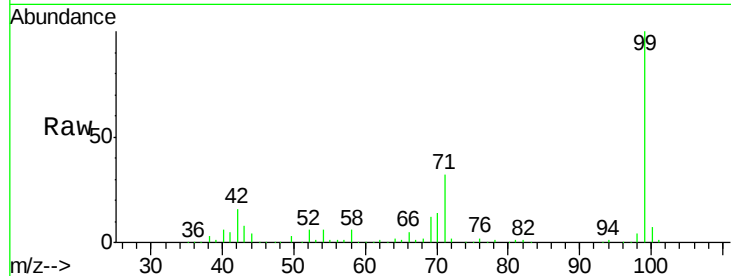
Tot Ion: 99 Resp: 314123

Ion Ratio Lower Upper

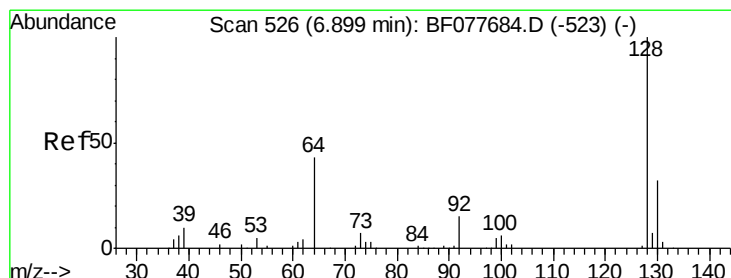
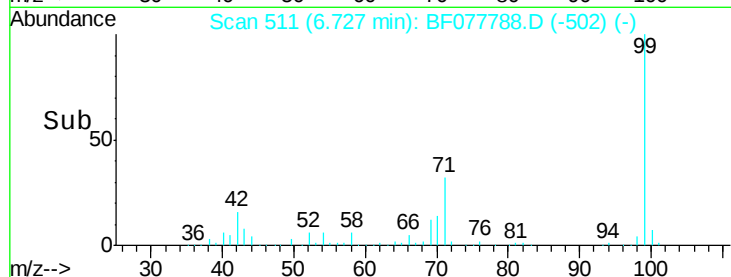
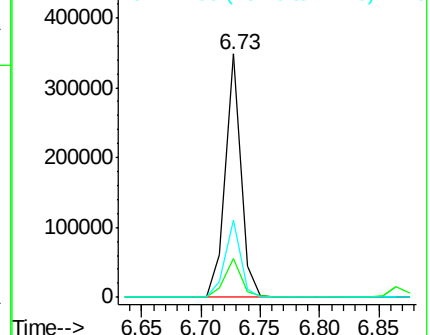
99 100

42 16.1 11.0 16.4

71 31.7 23.4 35.2



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: 38.39 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

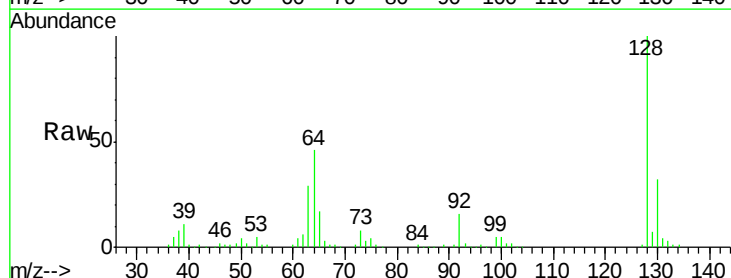
Tgt Ion: 128 Resp: 148650

Ion Ratio Lower Upper

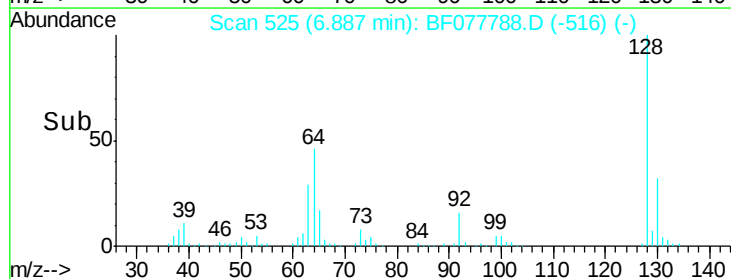
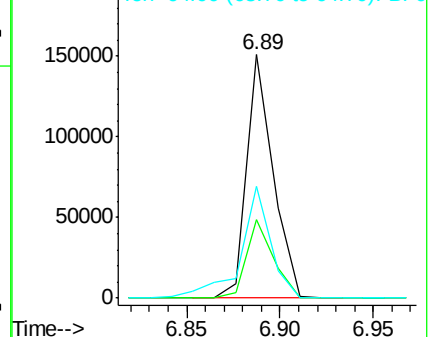
128 100

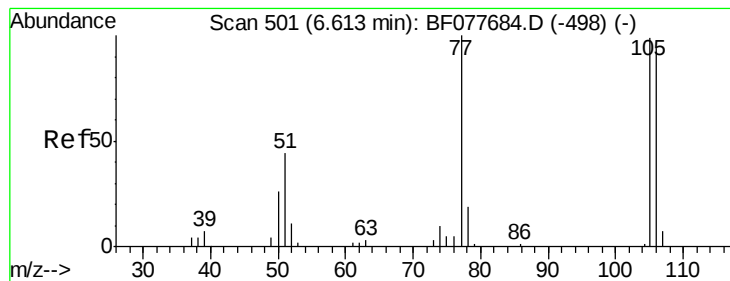
130 32.2 12.0 52.0

64 45.8 24.9 64.9



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: 44.23 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

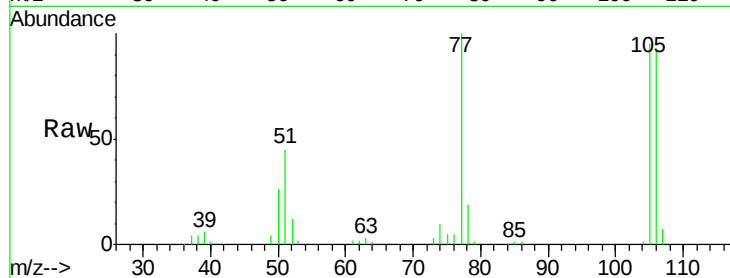
Tot Ion: 77 Resp: 72826

Ion Ratio Lower Upper

77 100

105 95.5 78.8 118.8

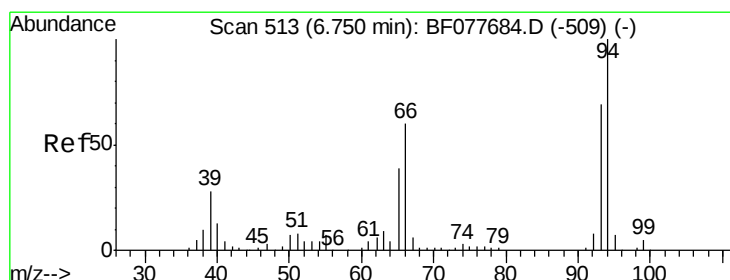
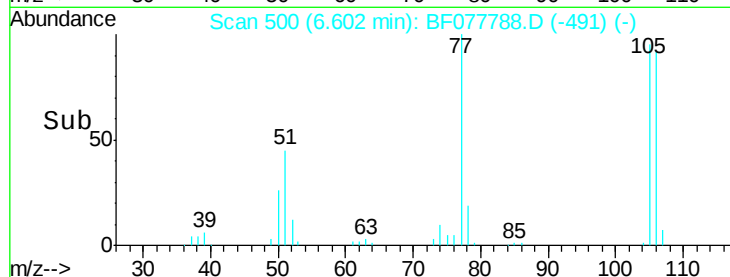
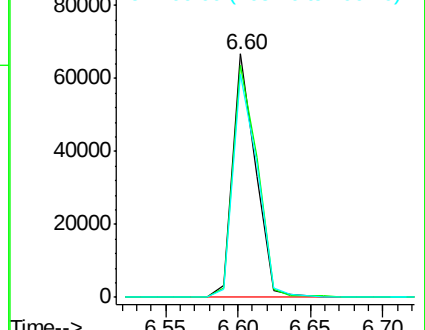
106 91.9 73.7 113.7



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: 38.36 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

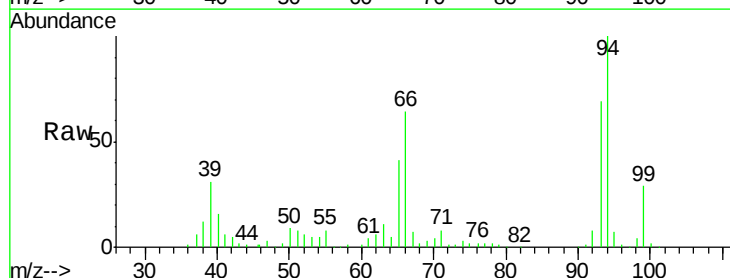
Tgt Ion: 94 Resp: 182228

Ion Ratio Lower Upper

94 100

65 41.3 18.8 58.8

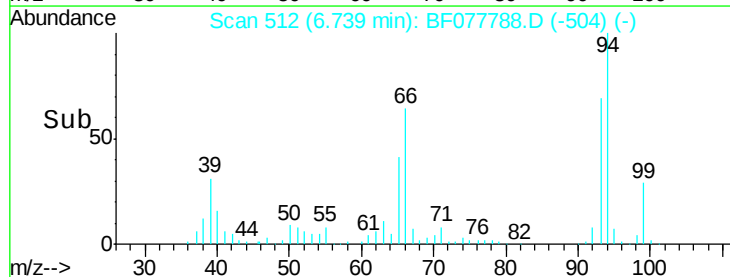
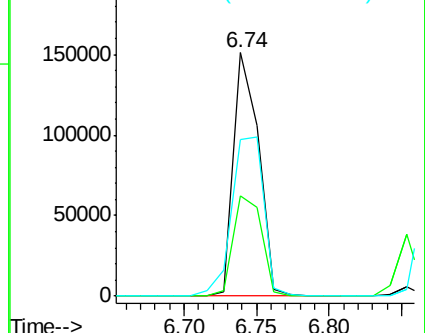
66 64.2 39.9 79.9



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: 40.33 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

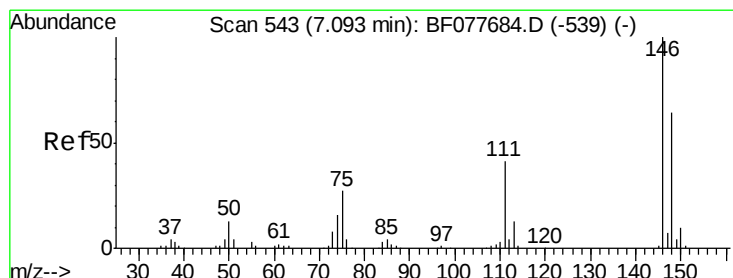
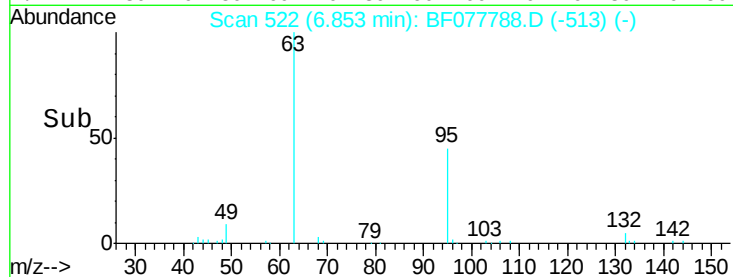
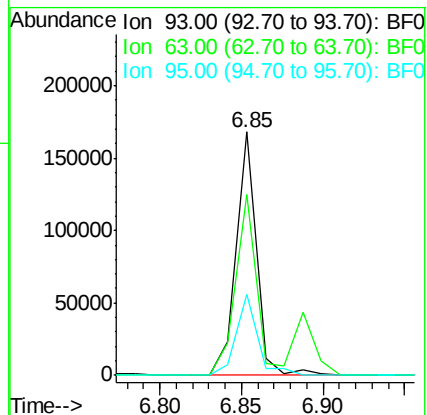
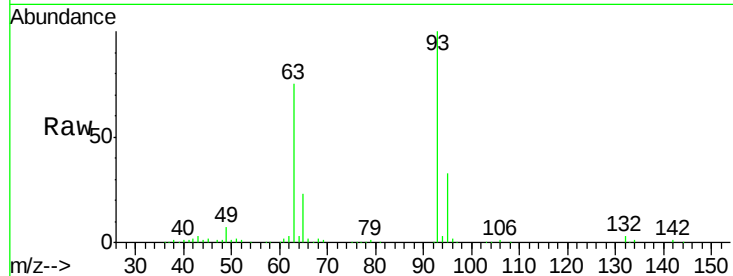
Tot Ion: 93 Resp: 143515

Ion Ratio Lower Upper

93 100

63 74.5 49.5 89.5

95 33.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.21 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

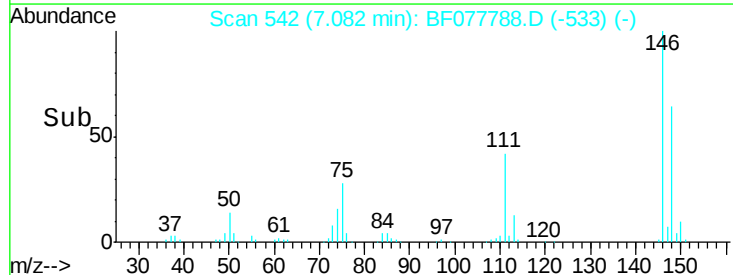
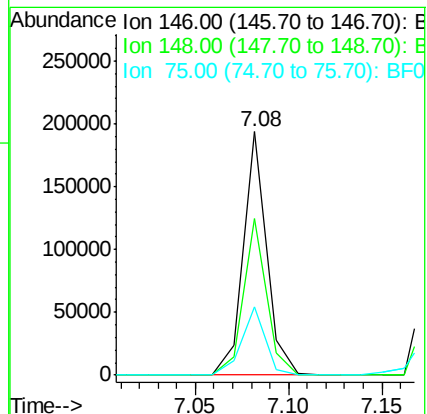
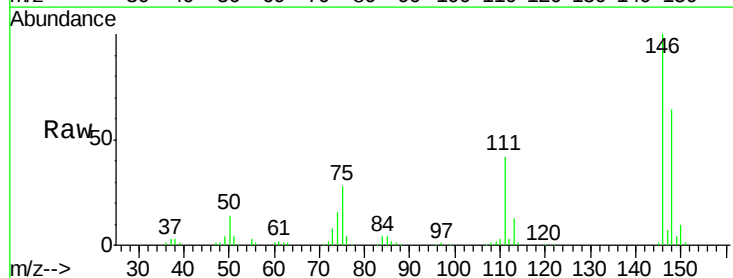
Tgt Ion: 146 Resp: 168848

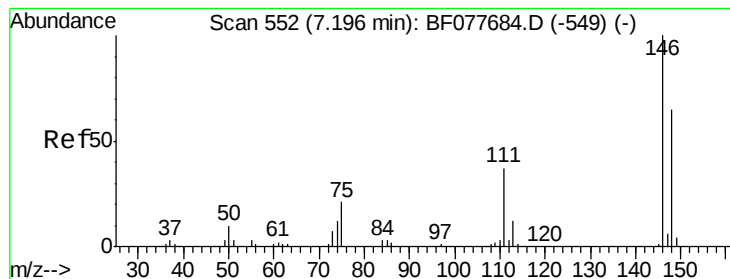
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 27.9 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 38.08 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

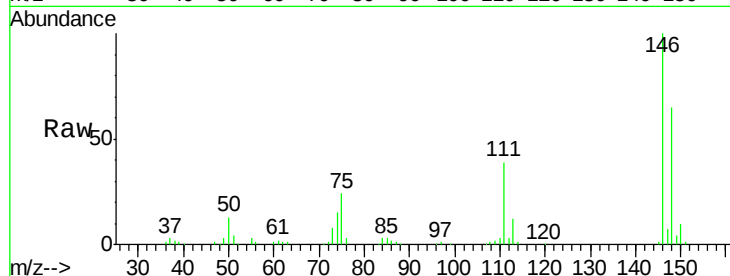
Tot Ion:146 Resp: 170411

Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

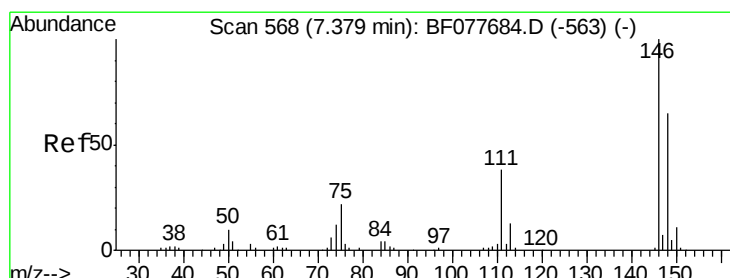
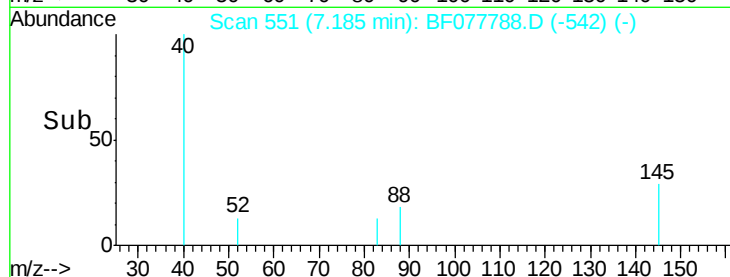
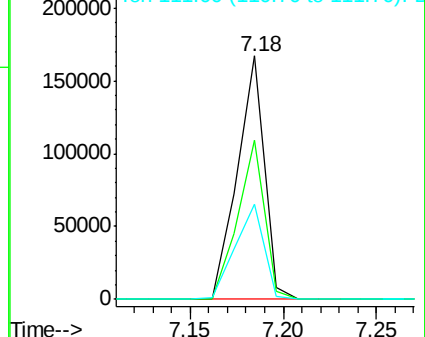
111 38.8 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.02 ng

RT: 7.37 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

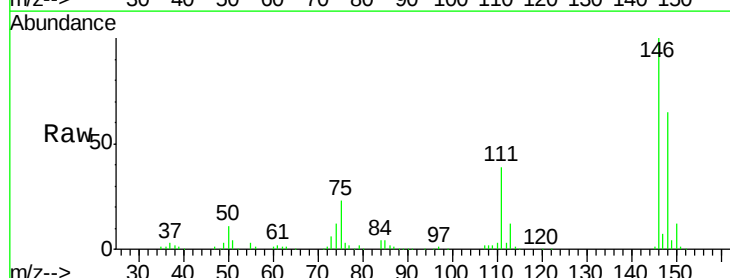
Tgt Ion:146 Resp: 155977

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

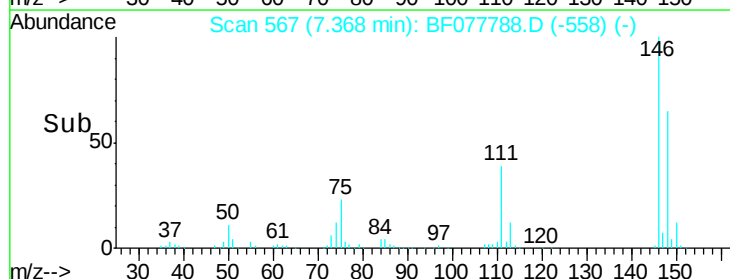
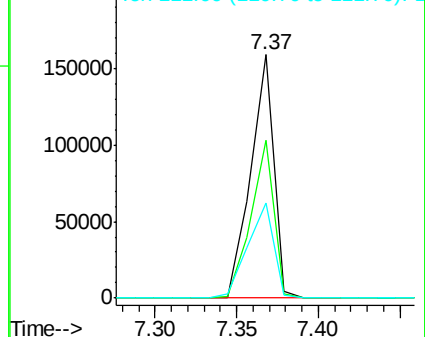
111 39.2 30.6 45.8

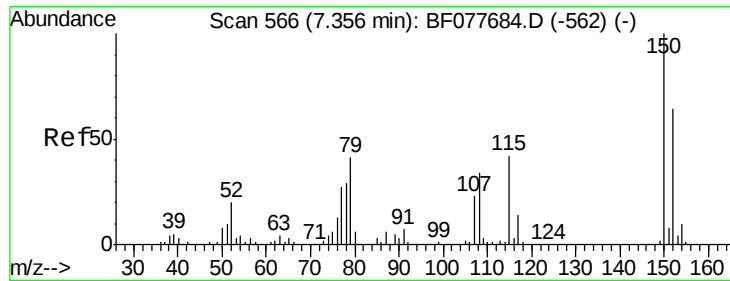


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

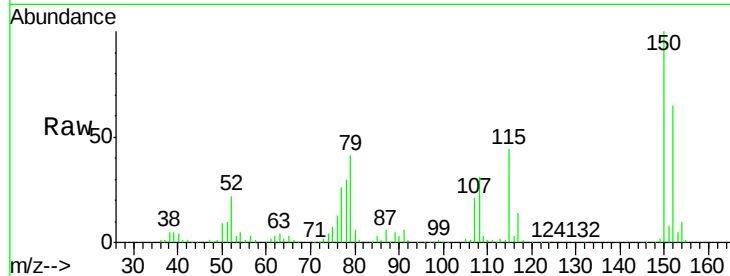




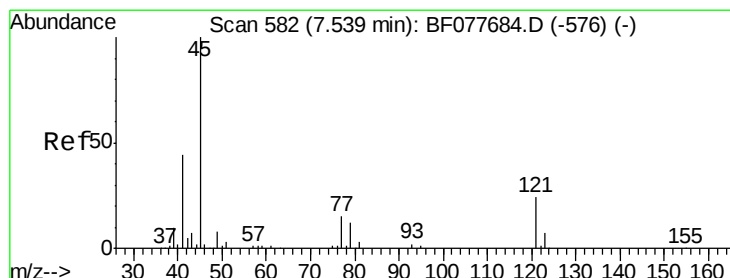
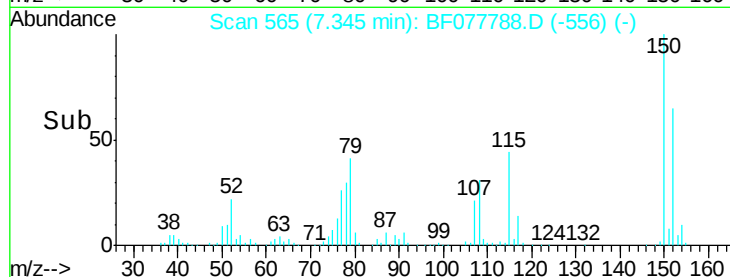
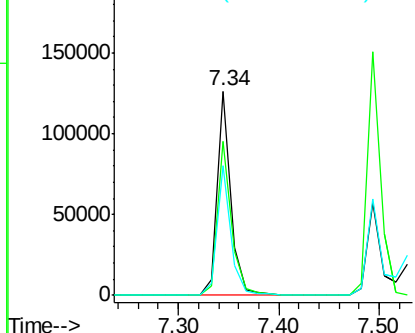
#15  
Benzyl Alcohol  
Concen: 38.16 ng  
RT: 7.34 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 79 Resp: 119717  
Ion Ratio Lower Upper  
79 100  
108 75.7 65.0 97.4  
77 63.7 53.0 79.6

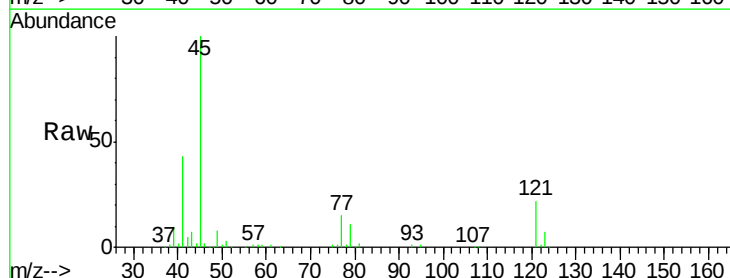


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

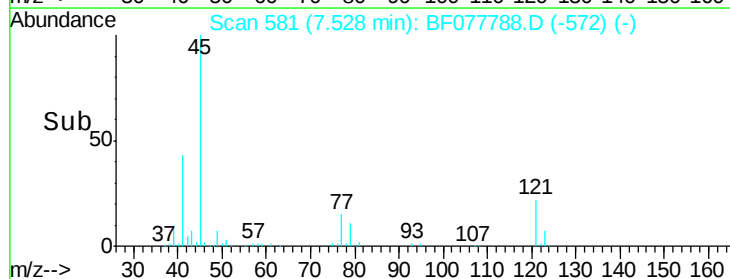
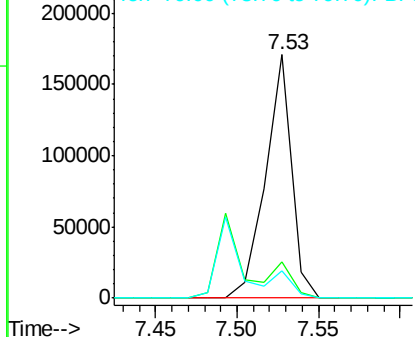


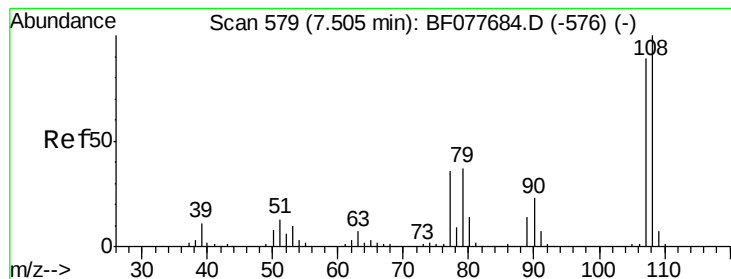
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.74 ng  
RT: 7.53 min Scan# 581  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion: 45 Resp: 190566  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 35.2  
79 11.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.94 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 119590

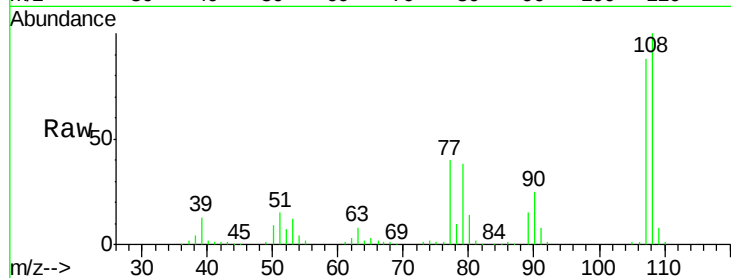
Ion Ratio Lower Upper

107 100

108 113.8 89.8 134.8

77 45.1 32.6 48.8

79 43.3 32.8 49.2

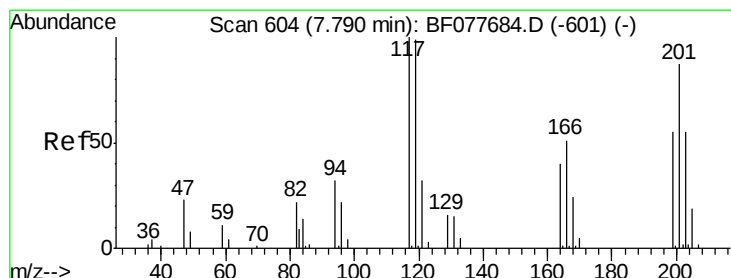
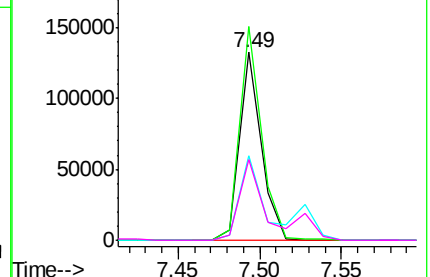
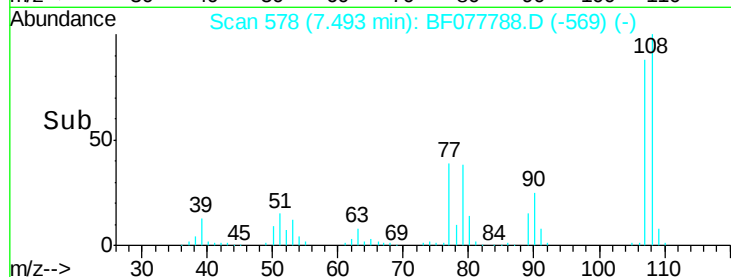


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.37 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

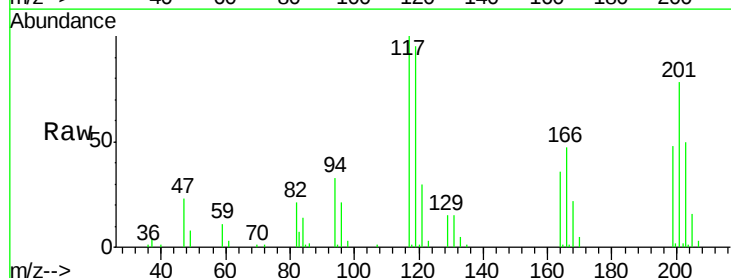
Tgt Ion:117 Resp: 57777

Ion Ratio Lower Upper

117 100

119 95.5 79.2 118.8

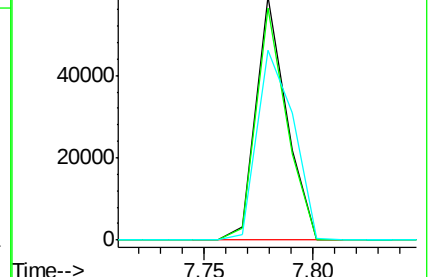
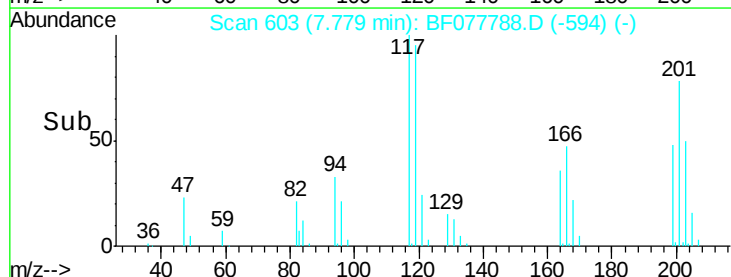
201 78.0 69.8 104.6

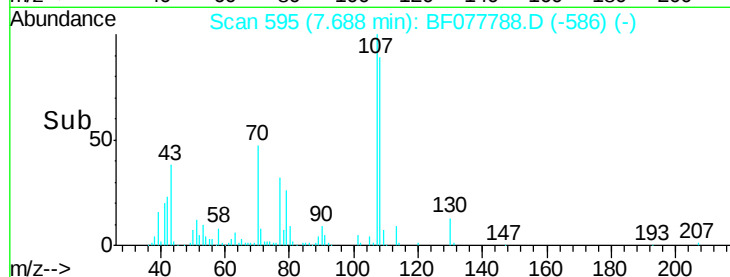
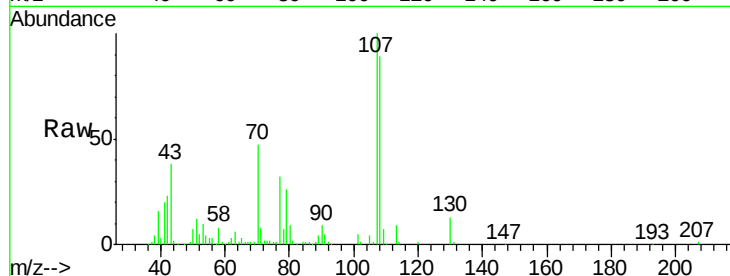
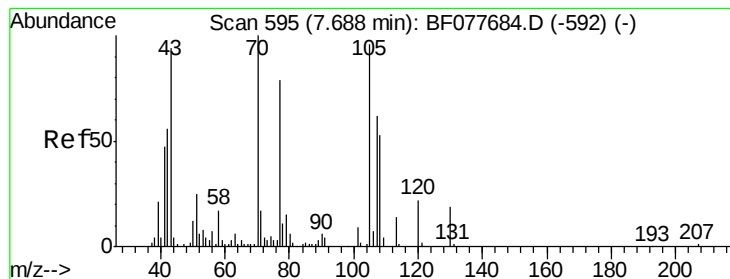


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.52 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 101528

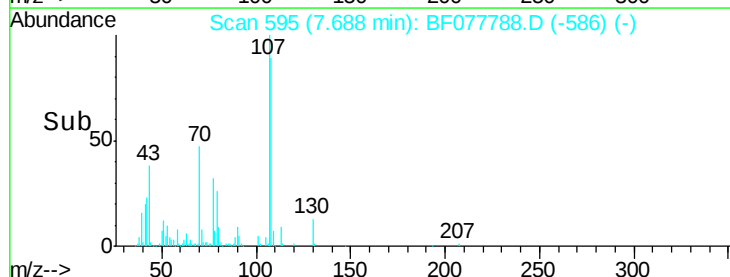
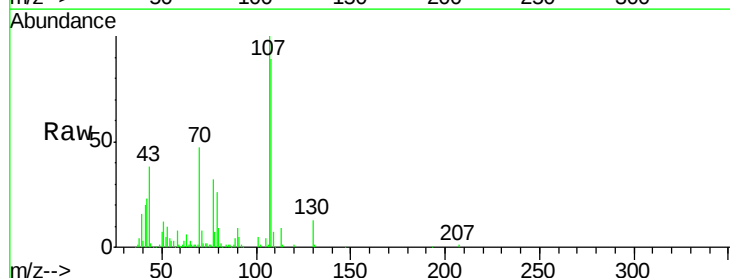
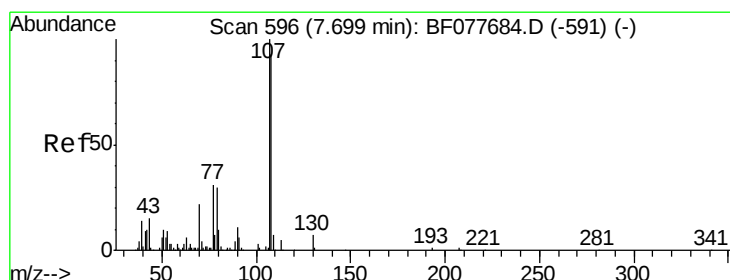
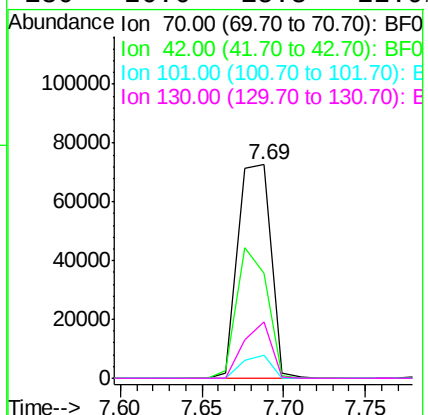
Ion Ratio Lower Upper

70 100

42 48.9 44.5 66.7

101 10.7 7.4 11.2

130 26.6 15.3 22.9#



#20

3+4-Methylphenols

Concen: 37.90 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Tgt Ion:107 Resp: 156756

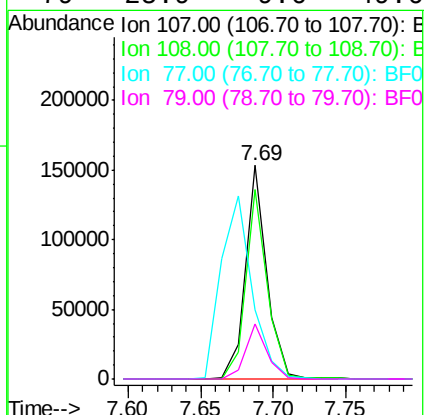
Ion Ratio Lower Upper

107 100

108 88.6 73.2 113.2

77 32.2 10.7 50.7

79 25.9 9.6 49.6

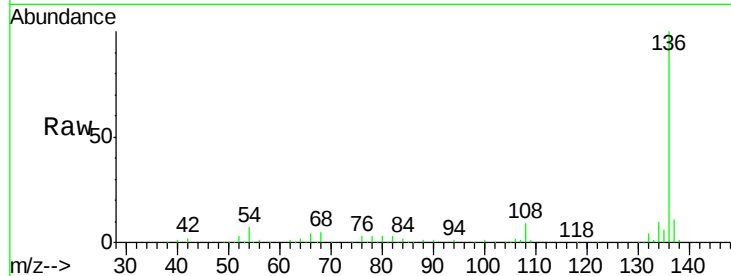




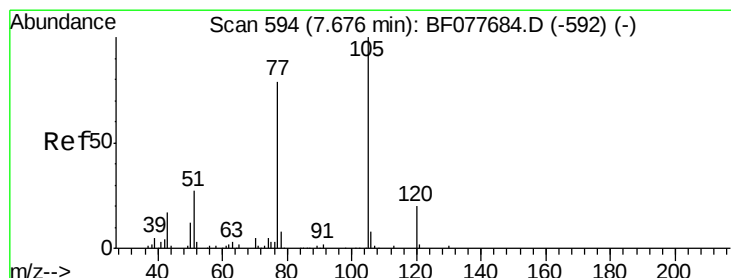
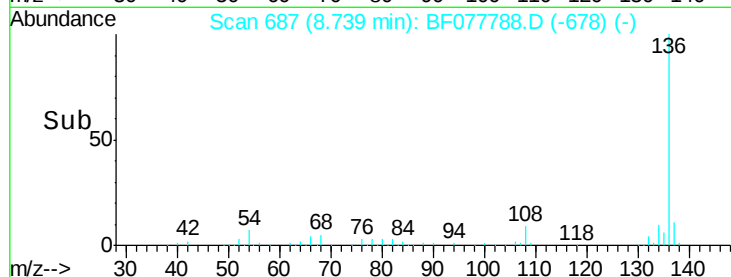
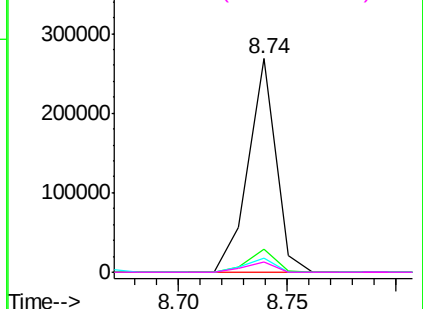
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.74 min Scan# 687  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 236602 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.8    | 8.7   | 13.1   |
| 54 6.5      | 4.6   | 6.8    |
| 68 5.0      | 3.7   | 5.5    |

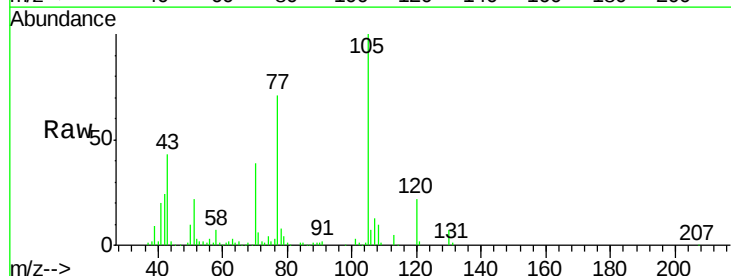


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

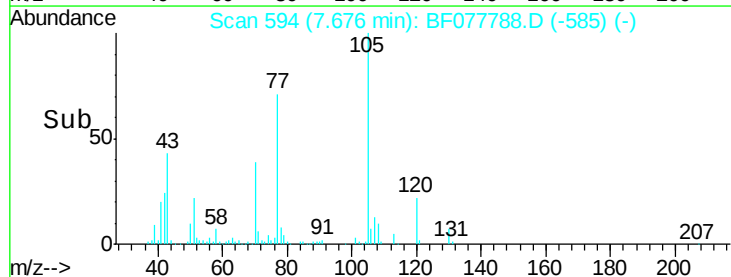
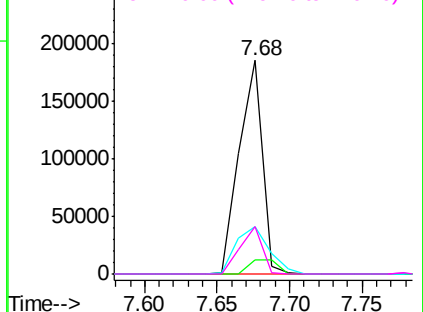


#22  
Acetophenone  
Concen: 39.10 ng  
RT: 7.68 min Scan# 594  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 204820 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.5     | 0.6   | 1.0#   |
| 51  | 22.4    | 21.6  | 32.4   |
| 120 | 22.3    | 16.1  | 24.1   |



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

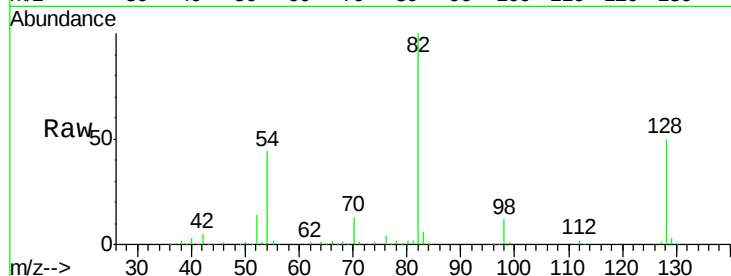




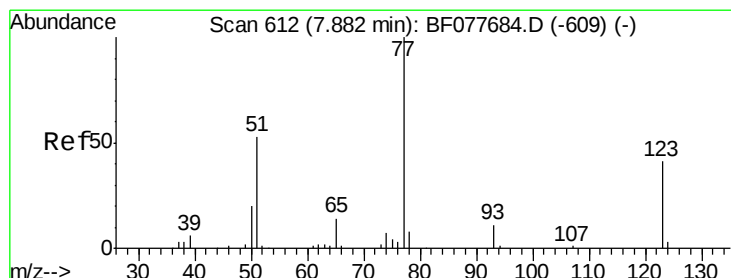
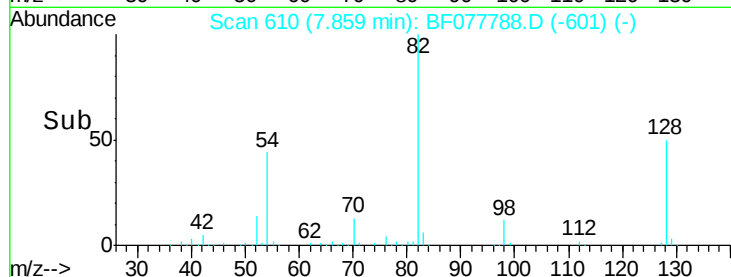
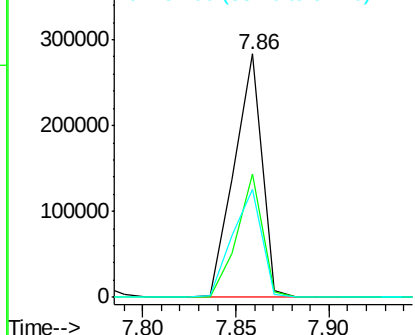
#23  
Nitrobenzene-d5  
Concen: 81.96 ng  
RT: 7.86 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 82 Resp: 295830  
Ion Ratio Lower Upper  
82 100  
128 50.5 32.8 49.2#  
54 44.3 40.6 60.8

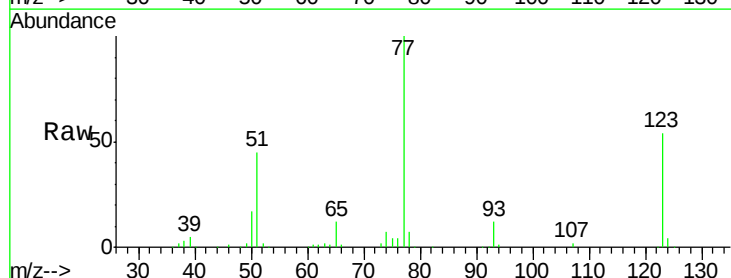


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

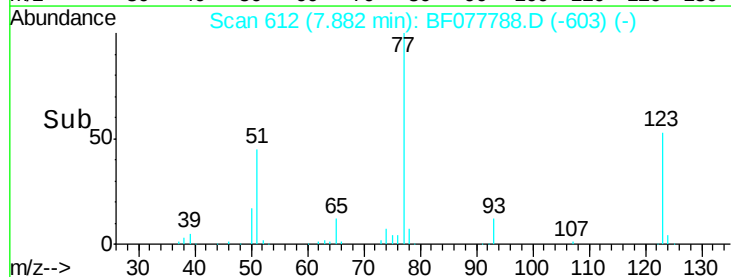
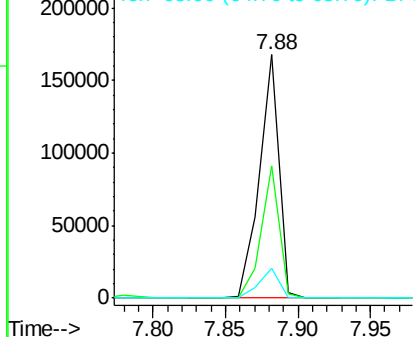


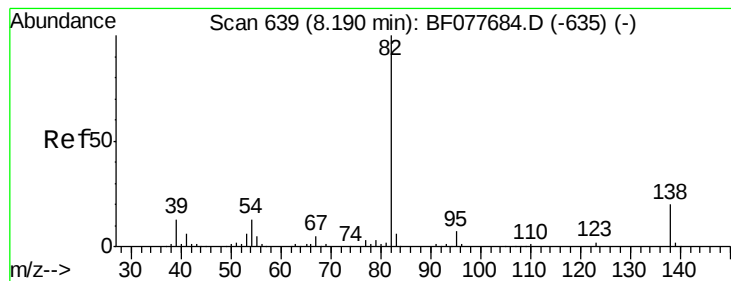
#24  
Nitrobenzene  
Concen: 40.47 ng  
RT: 7.88 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion: 77 Resp: 157361  
Ion Ratio Lower Upper  
77 100  
123 54.3 32.6 49.0#  
65 12.1 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.17 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

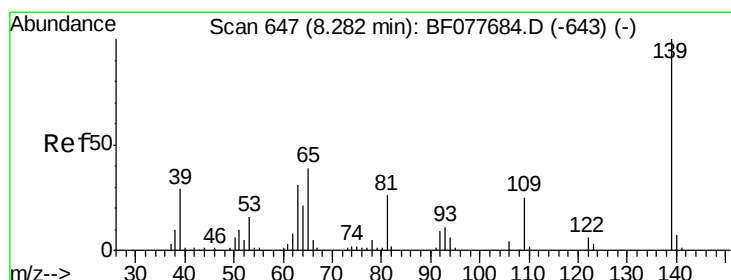
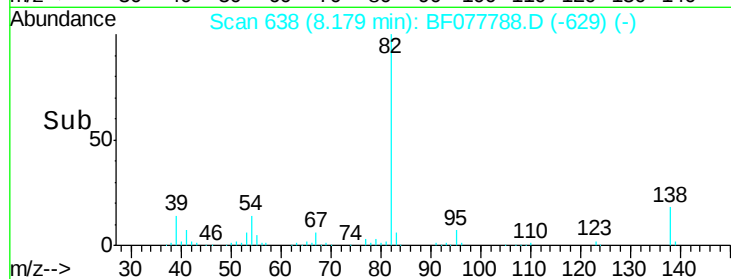
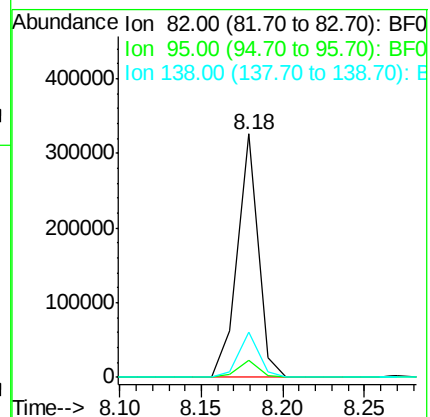
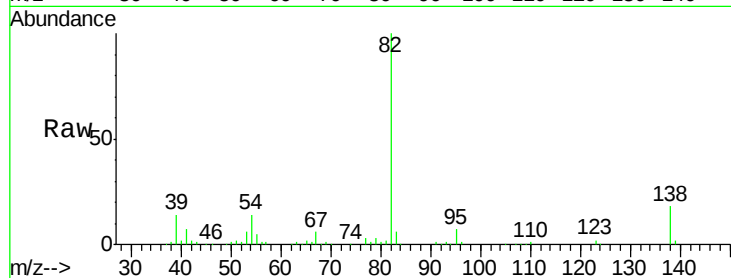
Tot Ion: 82 Resp: 285531

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 18.4 16.3 24.5



#26

2-Nitrophenol

Concen: 39.72 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

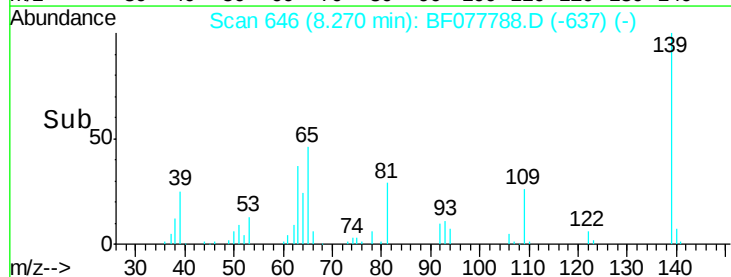
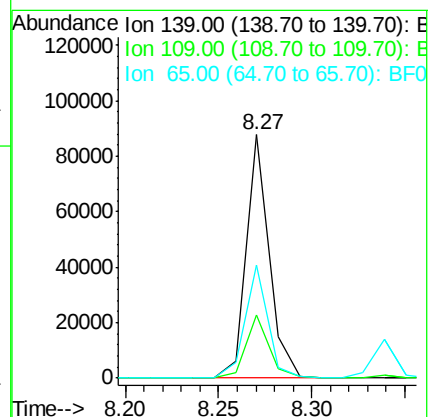
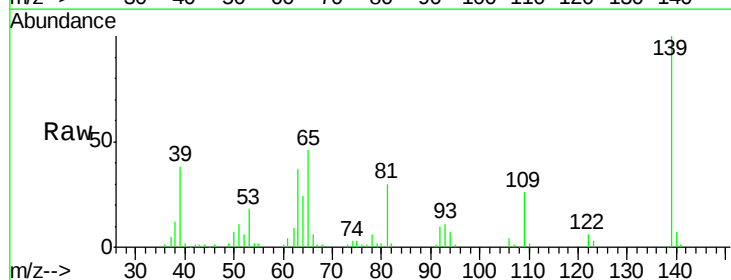
Tgt Ion: 139 Resp: 75607

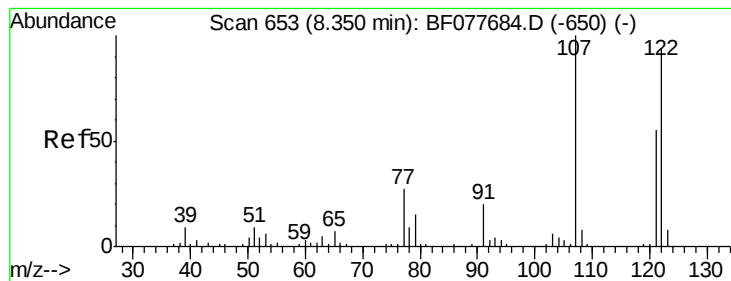
Ion Ratio Lower Upper

139 100

109 26.1 20.1 30.1

65 46.2 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 38.29 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

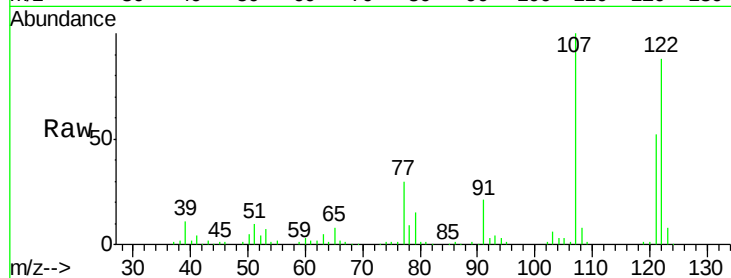
Tot Ion:122 Resp: 132813

Ion Ratio Lower Upper

122 100

107 113.7 84.7 127.1

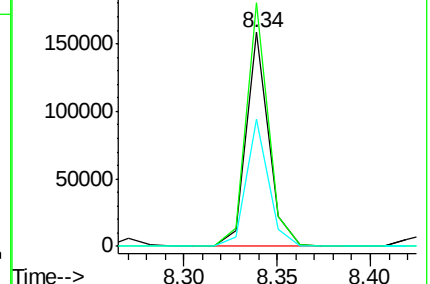
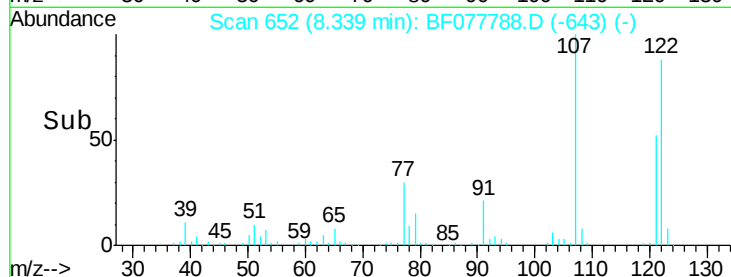
121 59.7 46.6 69.8



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: 39.57 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

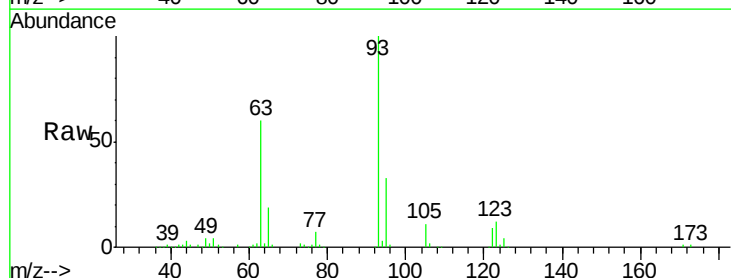
Tgt Ion: 93 Resp: 175091

Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

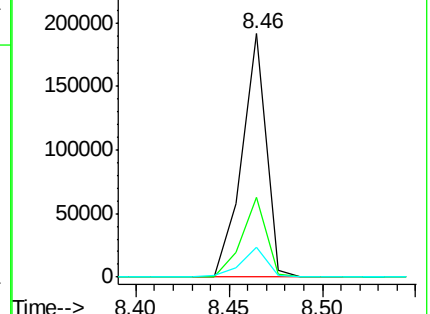
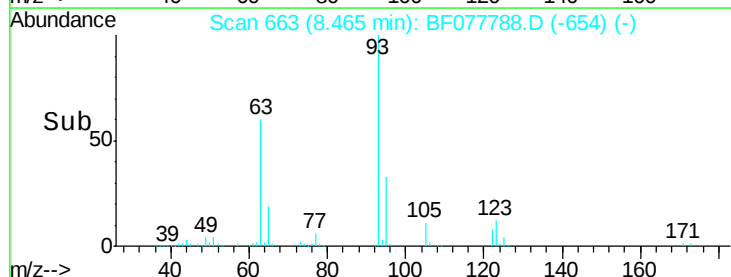
123 12.4 8.6 13.0

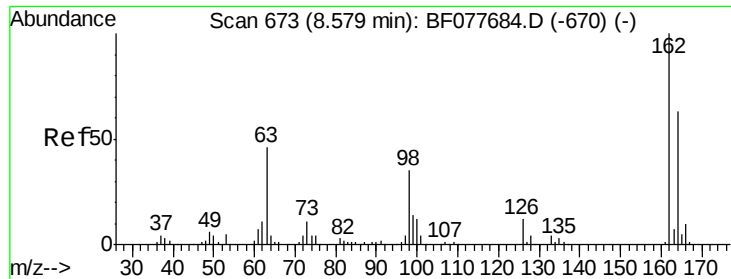


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

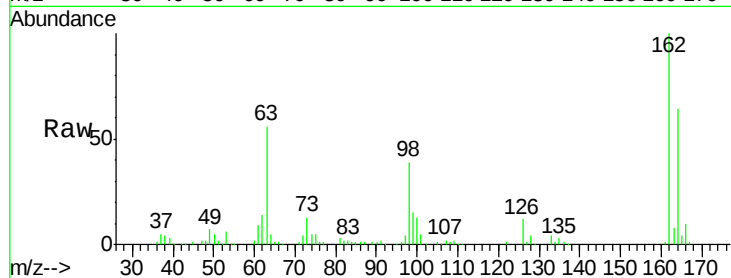




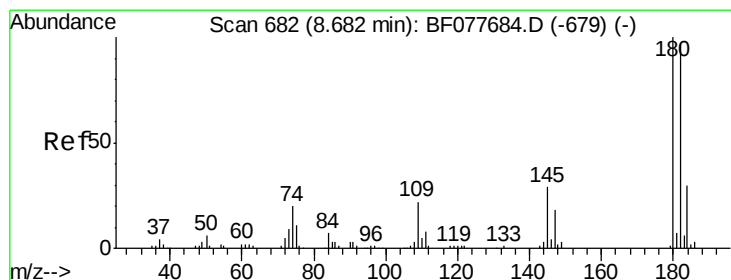
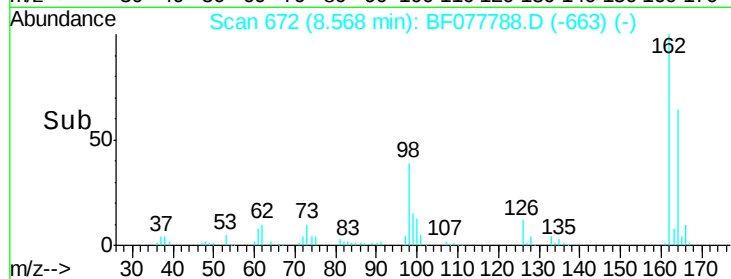
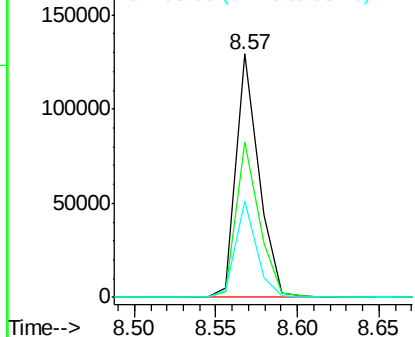
#29  
 2,4-Dichlorophenol  
 Concen: 37.80 ng  
 RT: 8.57 min Scan# 672  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:162 Resp: 124970  
 Ion Ratio Lower Upper  
 162 100  
 164 63.6 42.8 82.8  
 98 39.4 14.5 54.5

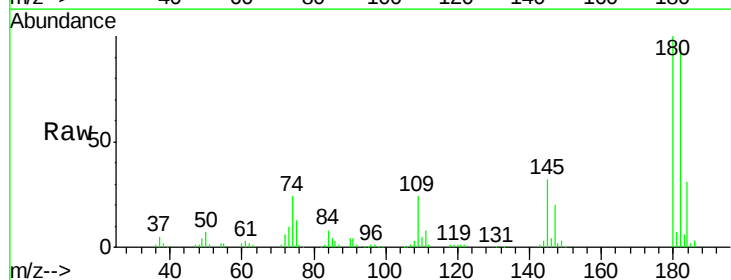


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

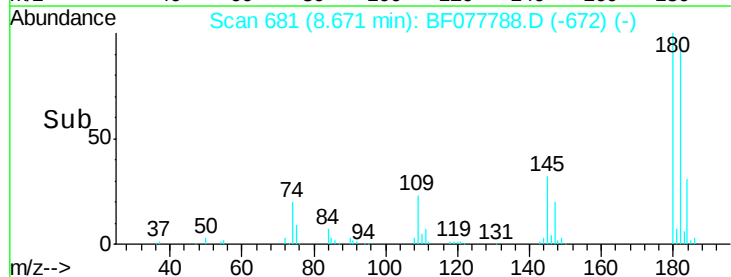
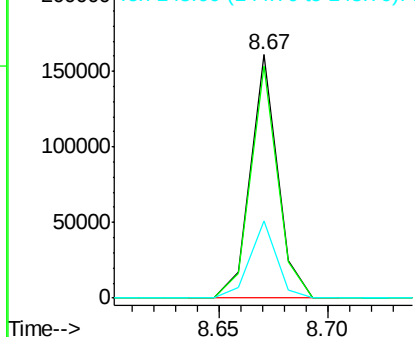


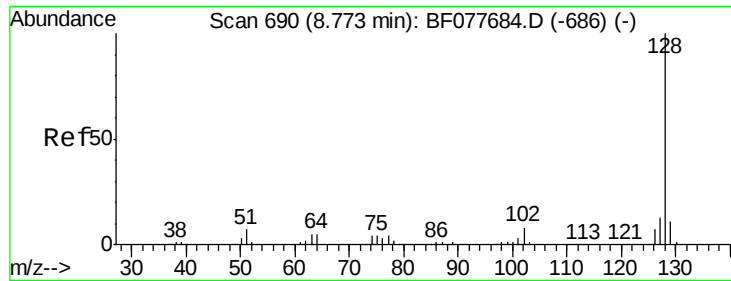
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.62 ng  
 RT: 8.67 min Scan# 681  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:180 Resp: 139146  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 77.6 116.4  
 145 31.9 23.4 35.2



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

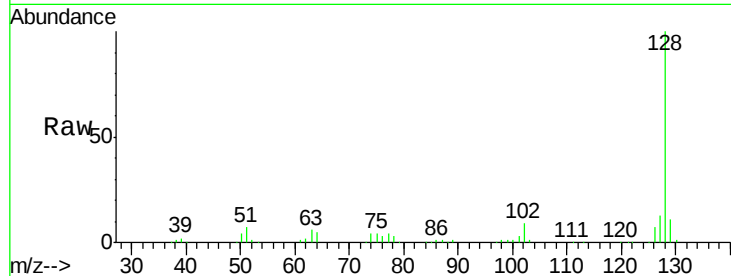




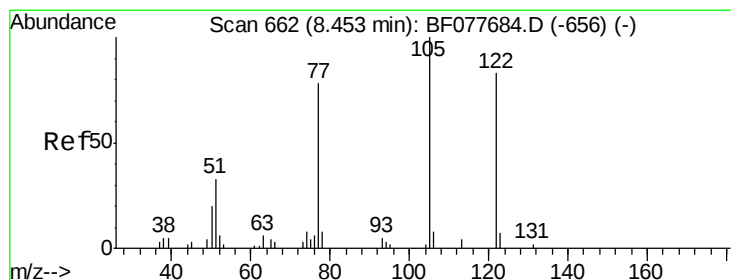
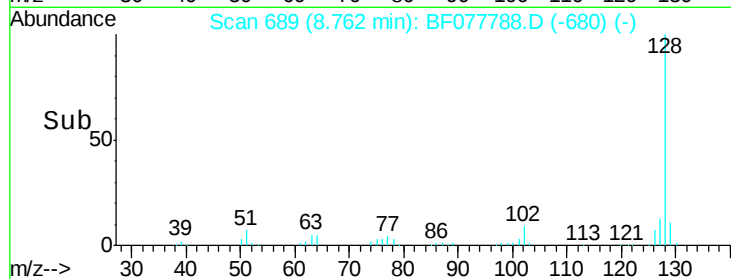
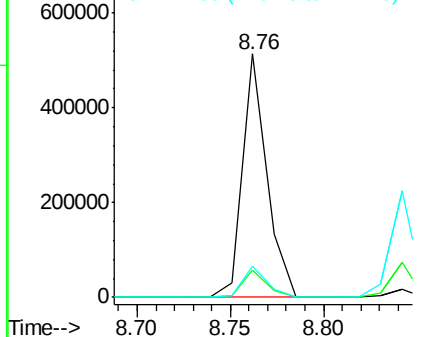
#31  
Naphthalene  
Concen: 38.39 ng  
RT: 8.76 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:128 Resp: 466447  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.0 10.4 15.6

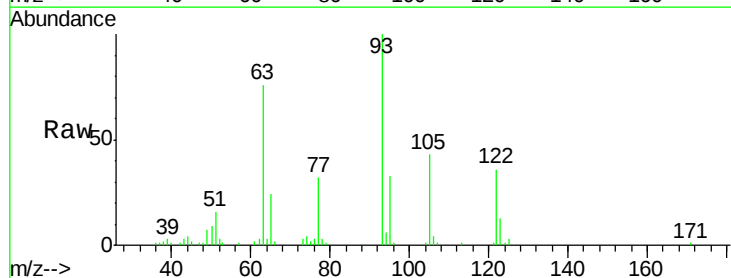


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

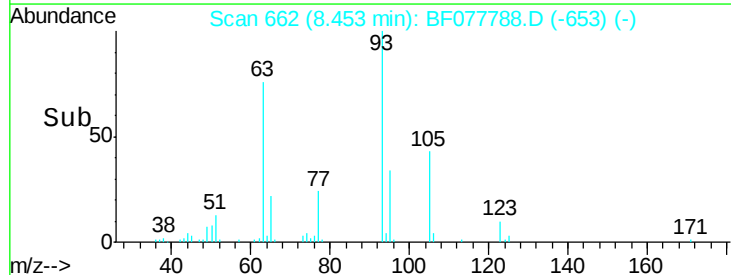
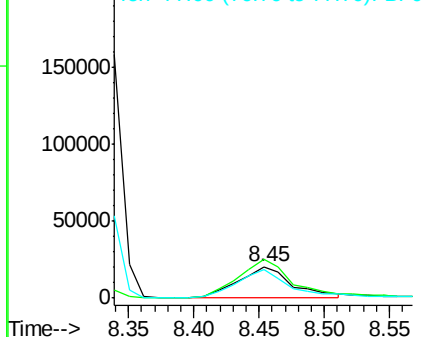


#32  
Benzoic acid  
Concen: 31.65 ng  
RT: 8.45 min Scan# 662  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:122 Resp: 59049  
Ion Ratio Lower Upper  
122 100  
105 122.2 99.9 139.9  
77 90.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0

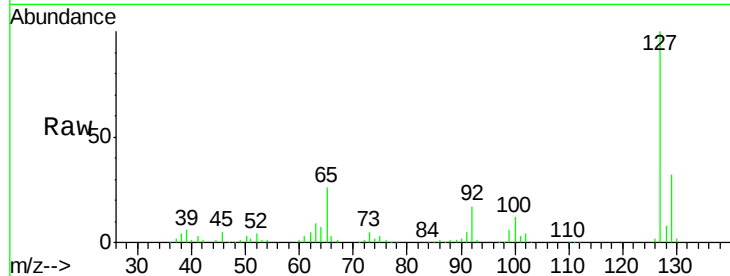




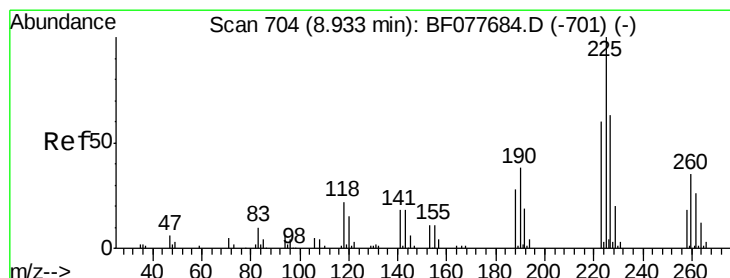
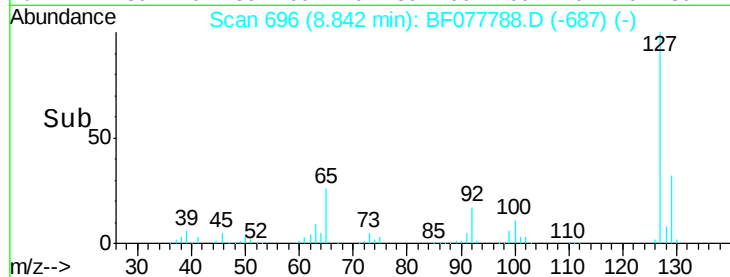
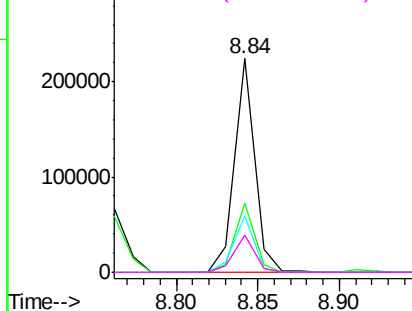
#33  
4-Chloroaniline  
Concen: 38.89 ng  
RT: 8.84 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 191817 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.3  | 37.9   |
| 65       | 26.2  | 17.6  | 26.4   |
| 92       | 17.4  | 13.1  | 19.7   |

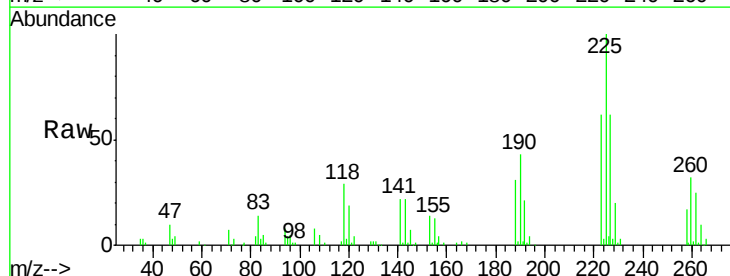


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

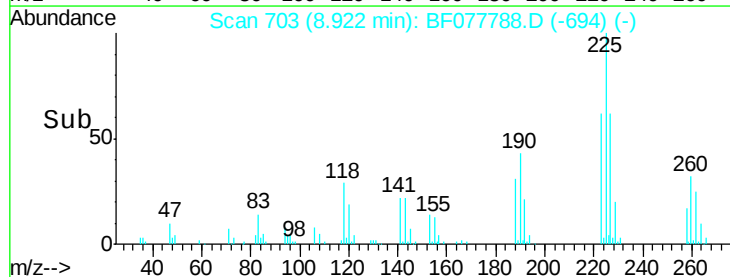
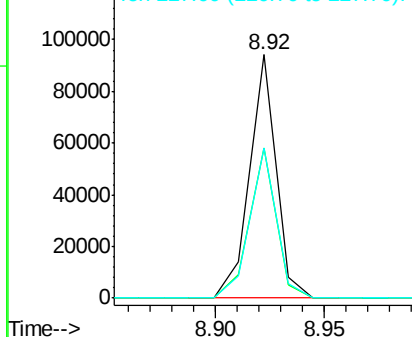


#34  
Hexachlorobutadiene  
Concen: 38.12 ng  
RT: 8.92 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 79923 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 47.9  | 71.9  |
| 227      | 61.7  | 50.1  | 75.1  |



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

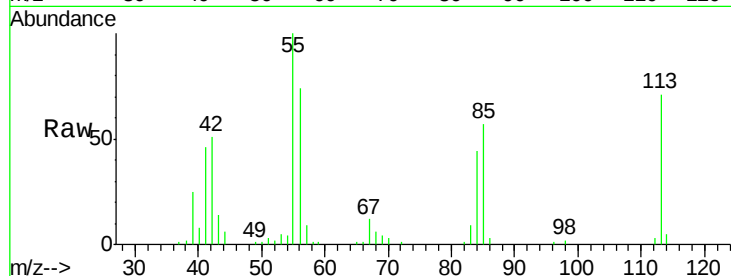




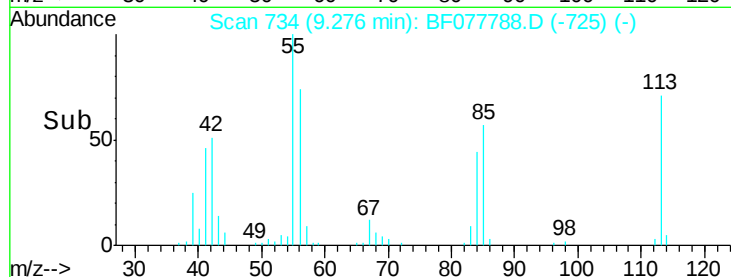
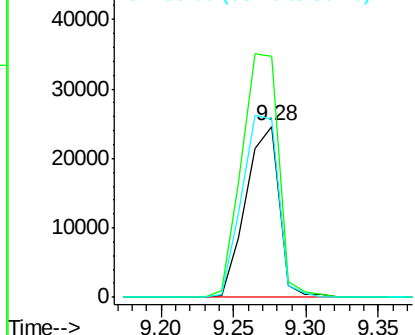
#35  
 Caprolactam  
 Concen: 40.82 ng  
 RT: 9.28 min Scan# 734  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:113 Resp: 39443  
 Ion Ratio Lower Upper  
 113 100  
 55 140.8 145.9 185.9#  
 56 104.6 101.0 141.0

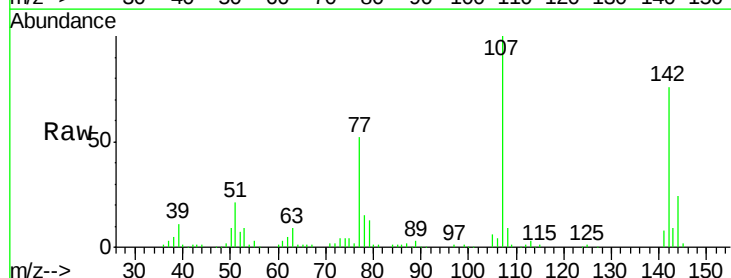


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

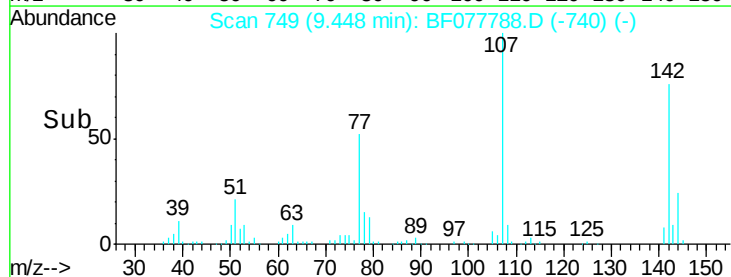
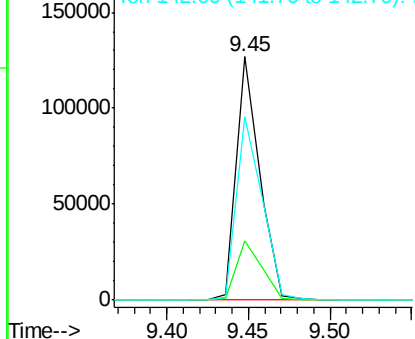


#36  
 4-Chloro-3-methylphenol  
 Concen: 37.87 ng  
 RT: 9.45 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:107 Resp: 125974  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 23.3 34.9  
 142 75.5 72.6 109.0



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: 37.55 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

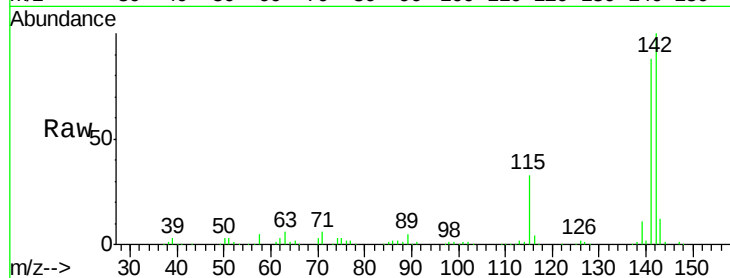
Tot Ion:142 Resp: 306547

Ion Ratio Lower Upper

142 100

141 87.7 71.9 107.9

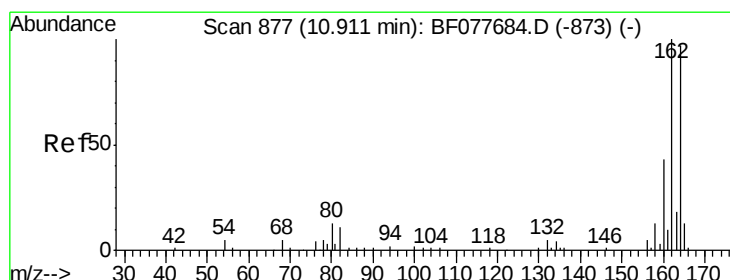
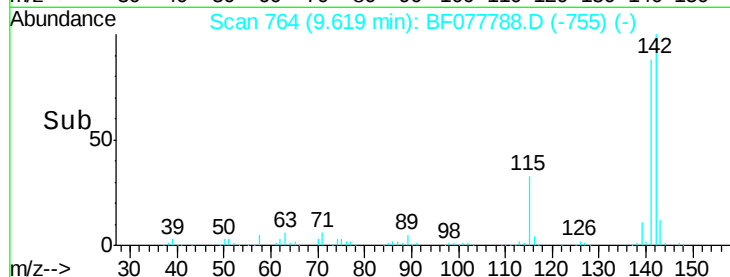
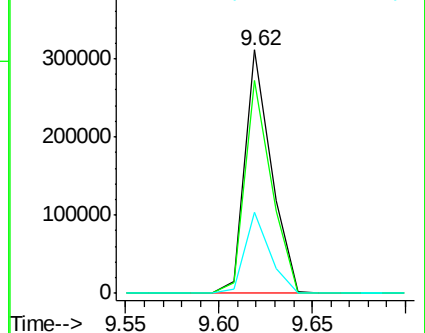
115 33.1 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

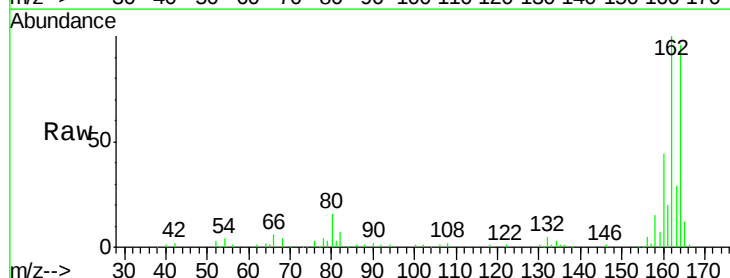
Tgt Ion:164 Resp: 116175

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

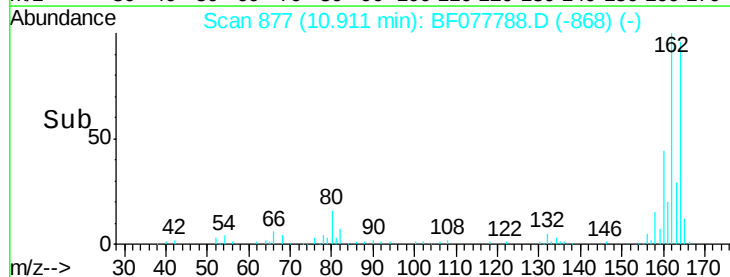
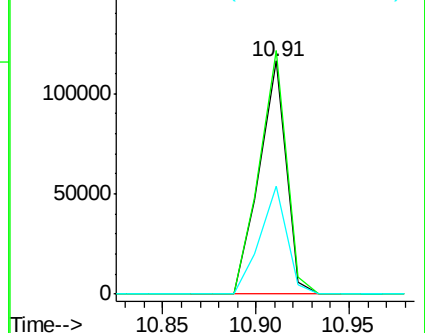
160 46.1 35.8 53.6

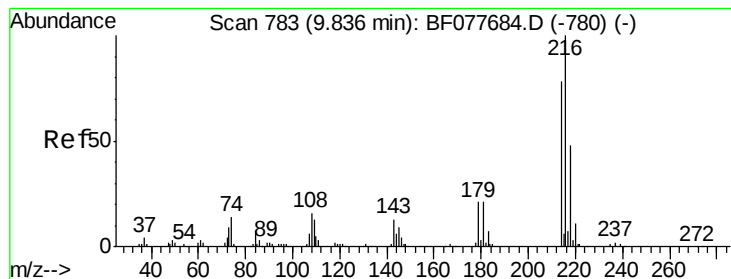


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.74 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 127323

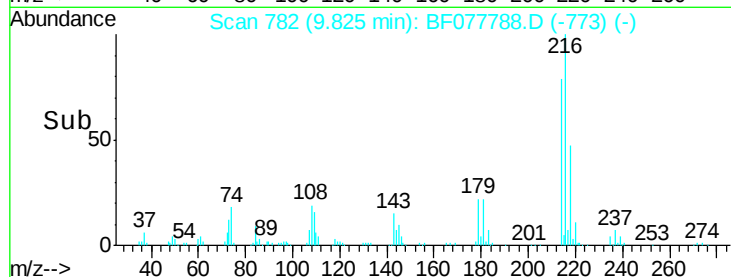
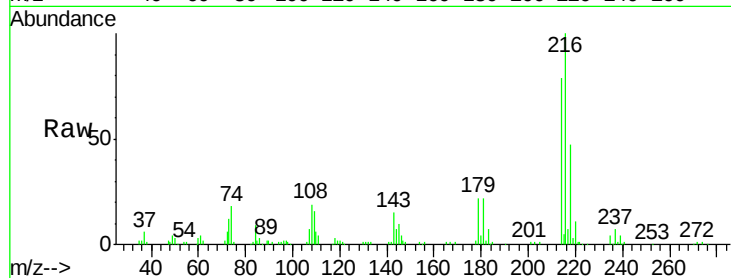
Ion Ratio Lower Upper

216 100

214 78.4 0.0 0.0#

179 21.3 0.0 0.0#

108 19.3 0.0 0.0#

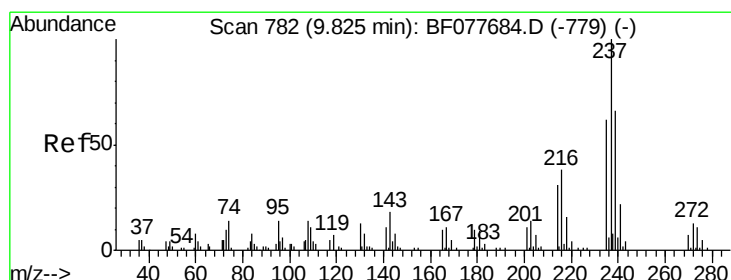
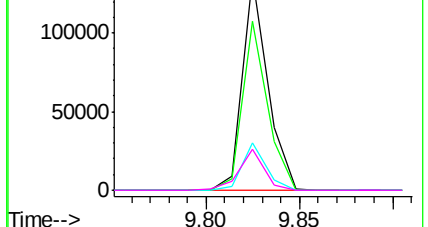


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.95 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

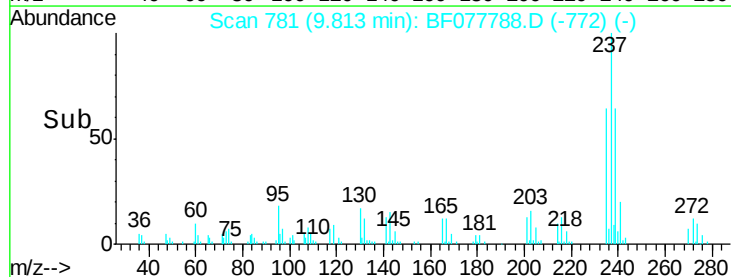
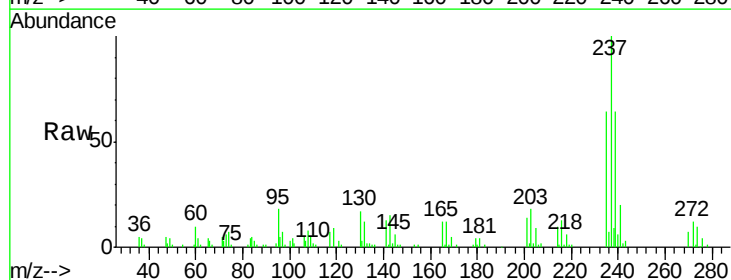
Tgt Ion:237 Resp: 59218

Ion Ratio Lower Upper

237 100

235 64.1 42.0 82.0

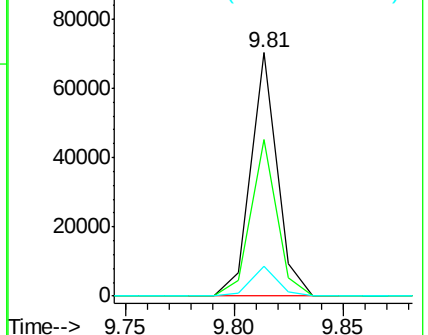
272 12.2 0.0 33.4

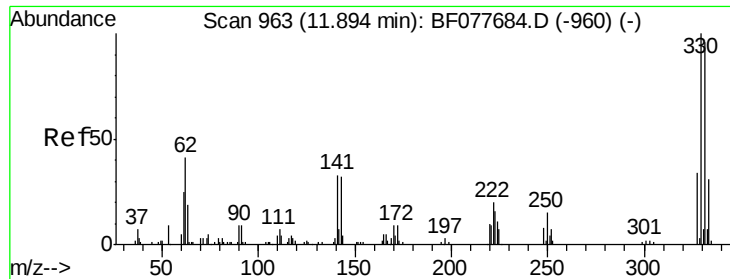


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

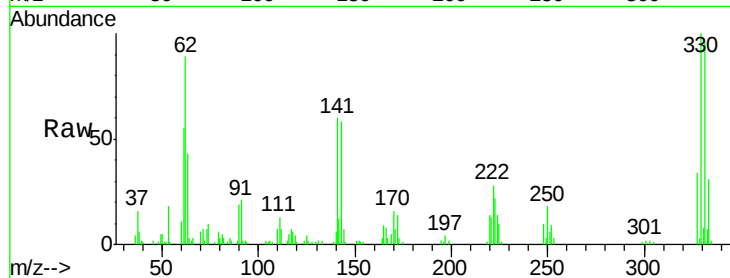




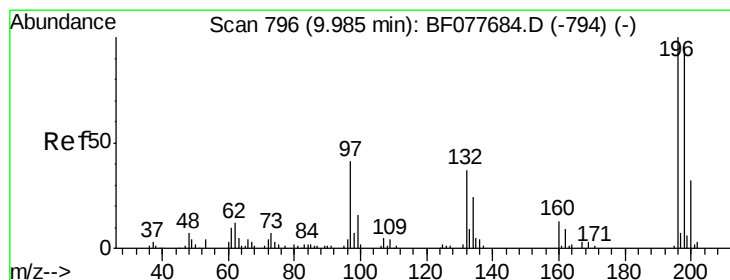
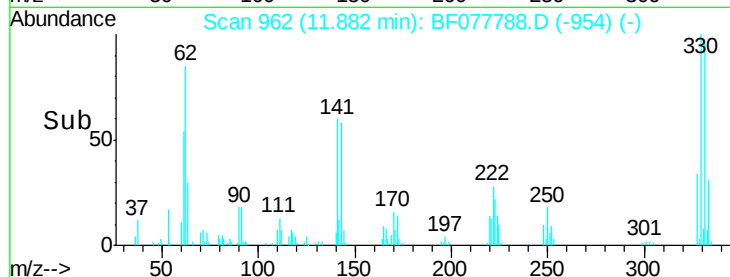
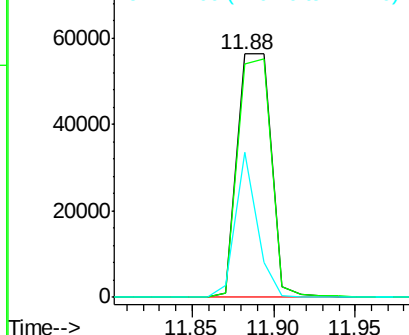
#41  
 2,4,6-Tribromophenol  
 Concen: 72.29 ng  
 RT: 11.88 min Scan# 962  
 Delta R.T. -0.01 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 0.0   | 0.0#  |
| 141     | 38.4  | 0.0   | 0.0#  |

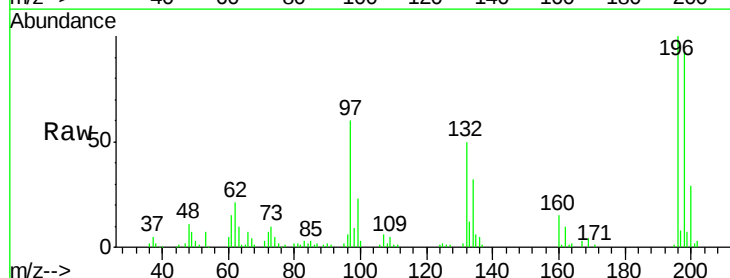


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

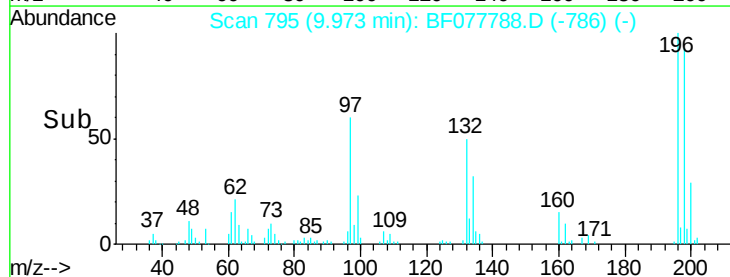
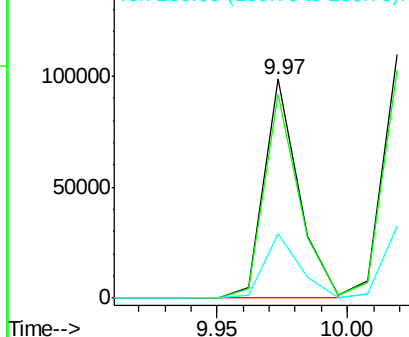


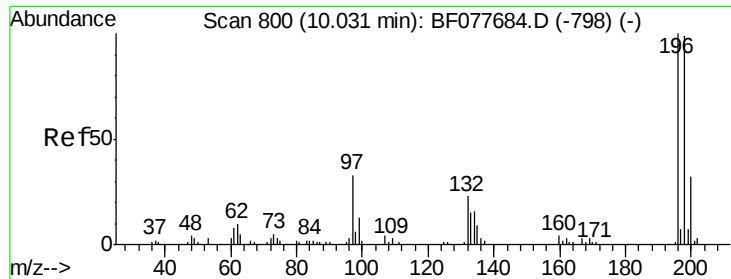
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.85 ng  
 RT: 9.97 min Scan# 795  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.4  | 76.3  | 114.5 |
| 200     | 29.4  | 25.6  | 38.4  |



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

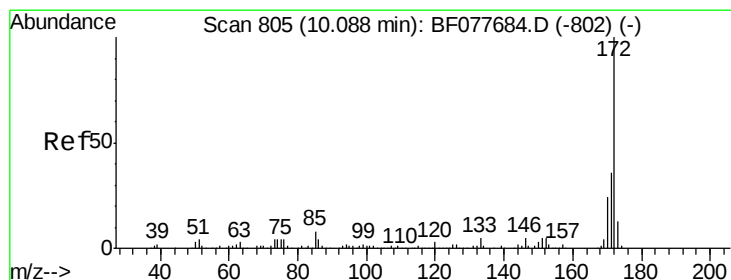
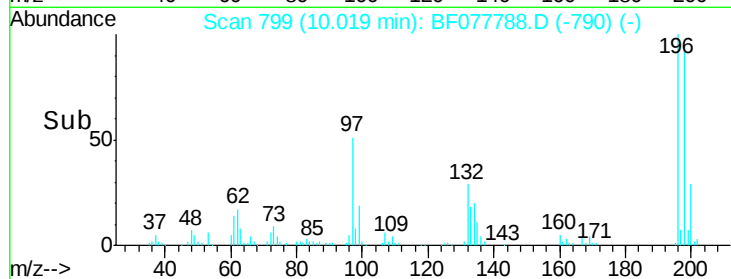
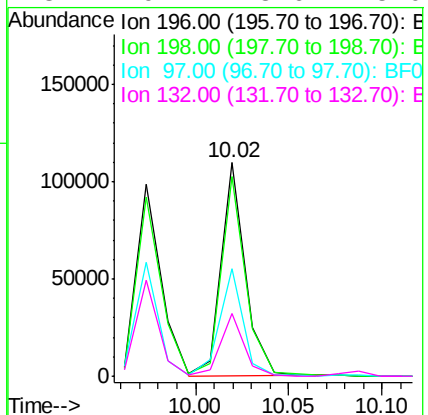
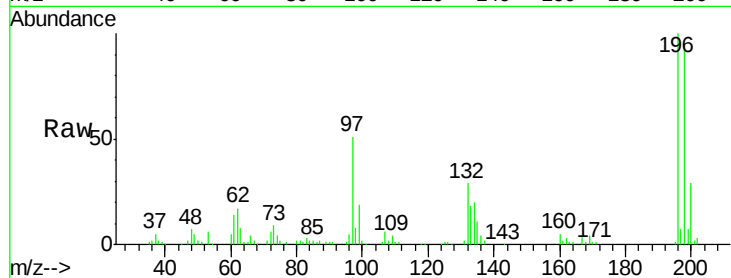




#43  
2,4,5-Trichlorophenol  
Concen: 38.31 ng  
RT: 10.02 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

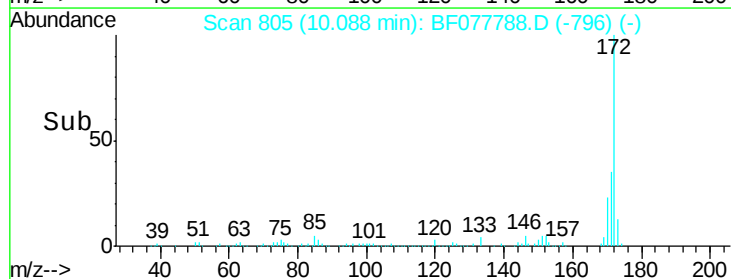
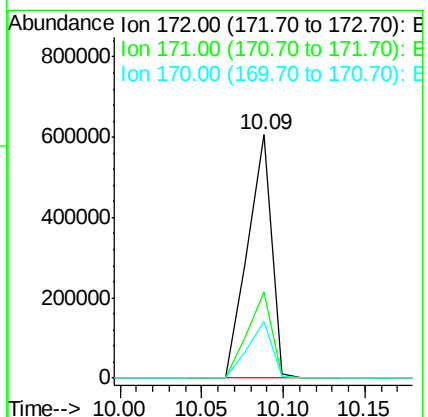
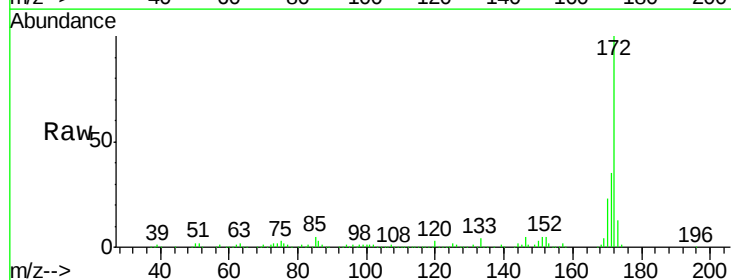
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:196 Resp: 99347  
Ion Ratio Lower Upper  
196 100  
198 93.8 79.4 119.0  
97 50.6 26.8 40.2#  
132 29.2 18.6 28.0#



#44  
2-Fluorobiphenyl  
Concen: 78.40 ng  
RT: 10.09 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:172 Resp: 619763  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 23.2 18.8 28.2

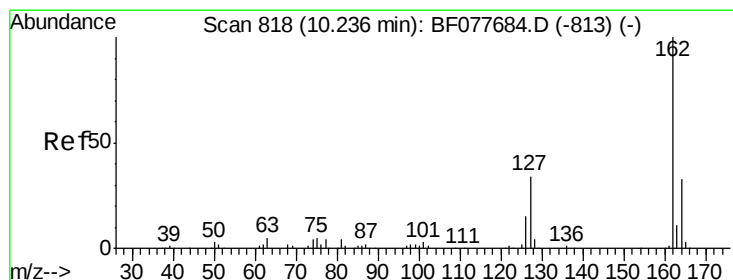
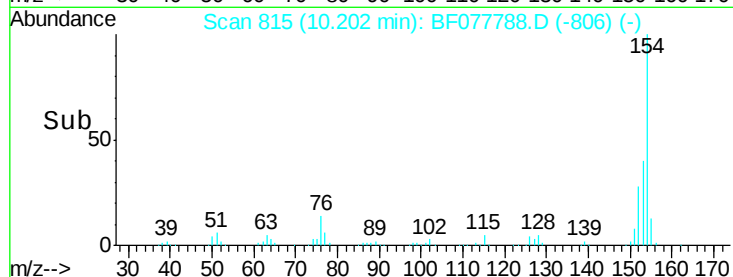
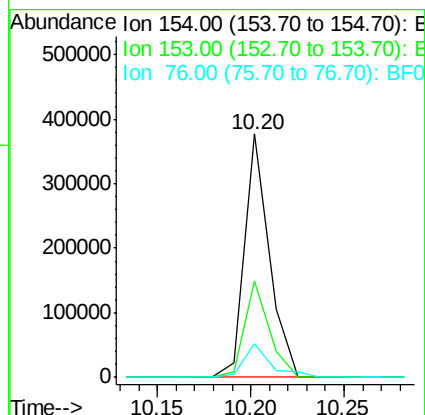
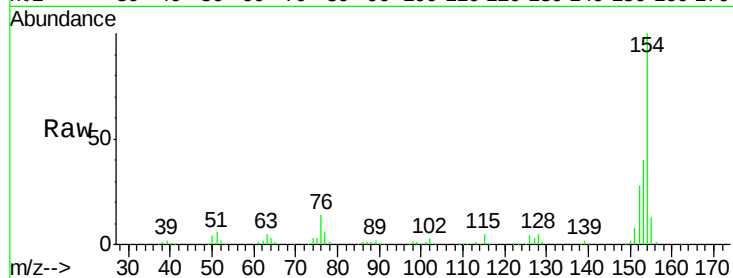




#45  
 1,1'-Biphenyl  
 Concen: 37.42 ng  
 RT: 10.20 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

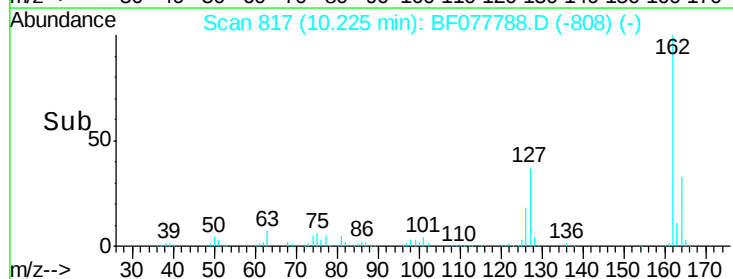
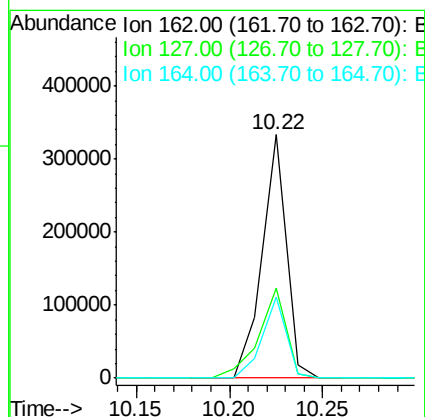
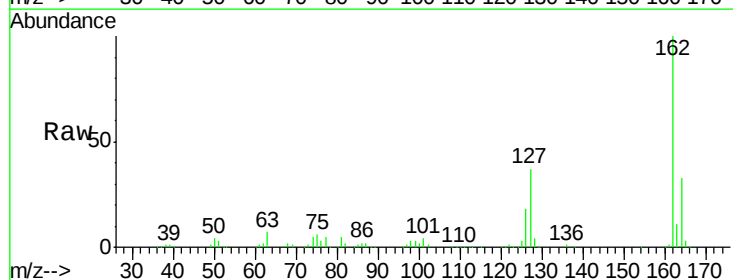
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:154 Resp: 347548  
 Ion Ratio Lower Upper  
 154 100  
 153 39.8 20.7 60.7  
 76 13.6 0.0 30.9



#46  
 2-Chloronaphthalene  
 Concen: 39.55 ng  
 RT: 10.22 min Scan# 817  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:162 Resp: 298513  
 Ion Ratio Lower Upper  
 162 100  
 127 37.0 26.9 40.3  
 164 33.2 26.8 40.2

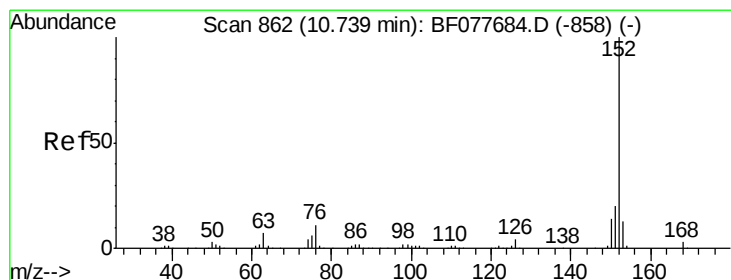
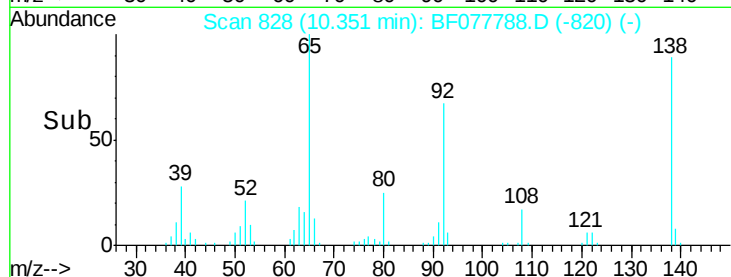
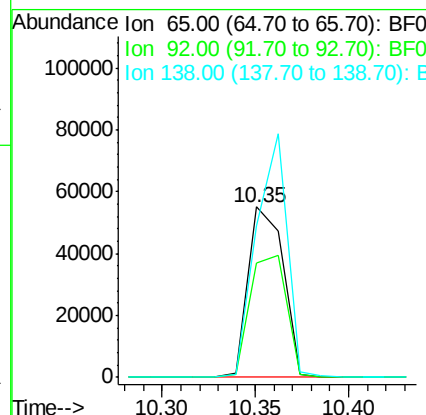
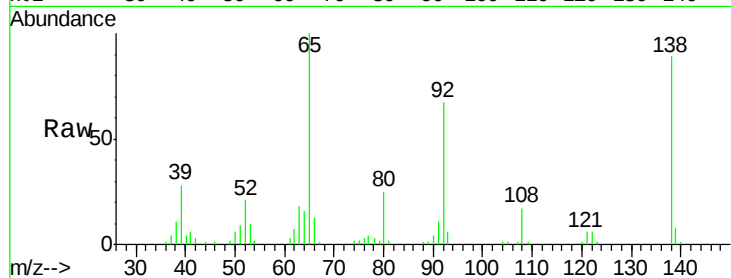




#47  
 2-Nitroaniline  
 Concen: 38.25 ng  
 RT: 10.35 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

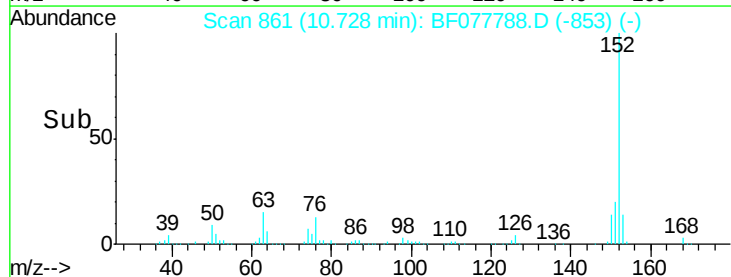
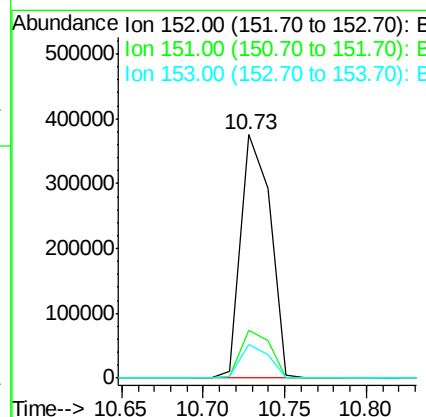
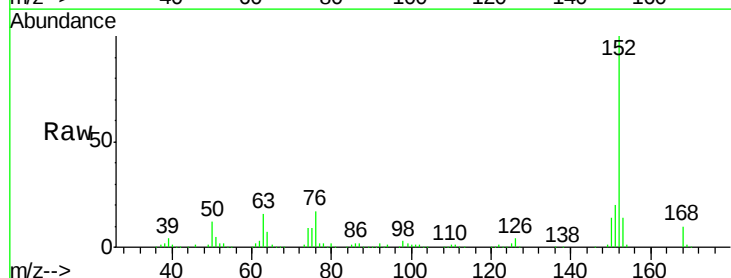
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion: 65 Resp: 71699  
 Ion Ratio Lower Upper  
 65 100  
 92 67.3 59.1 88.7  
 138 88.9 93.9 140.9#



#48  
 Acenaphthylene  
 Concen: 37.37 ng  
 RT: 10.73 min Scan# 861  
 Delta R.T. -0.01 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion: 152 Resp: 468960  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 15.9 23.9  
 153 13.6 10.6 16.0

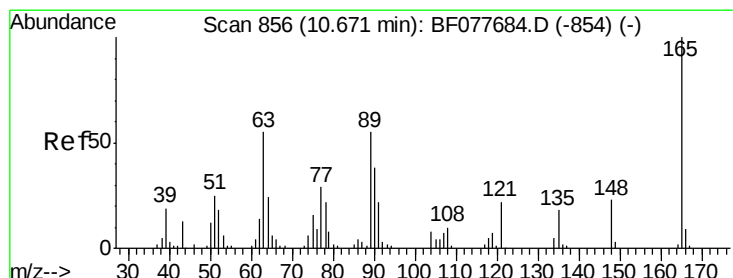
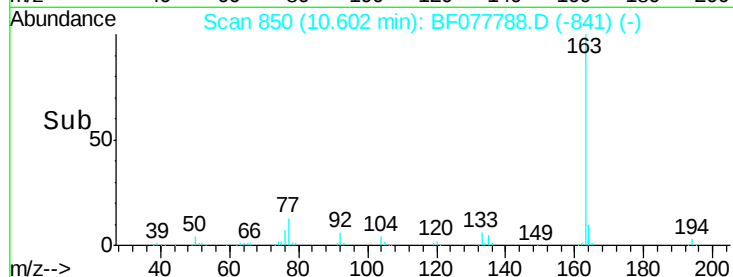
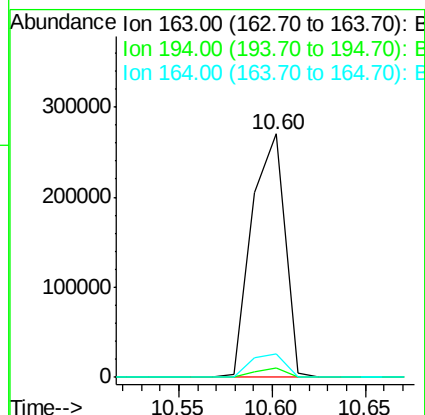
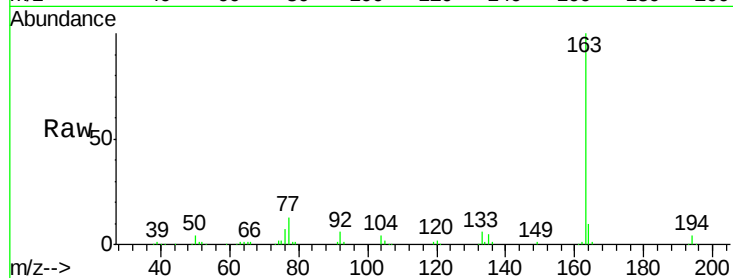




#49  
Dimethylphthalate  
Concen: 38.42 ng  
RT: 10.60 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

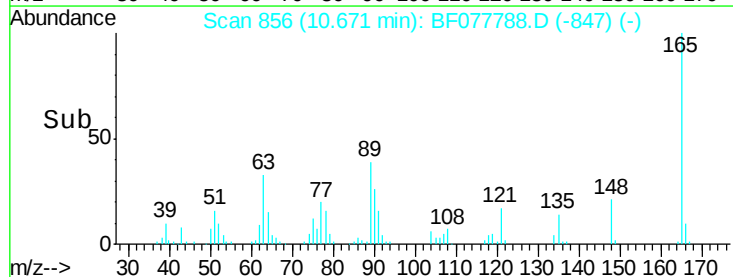
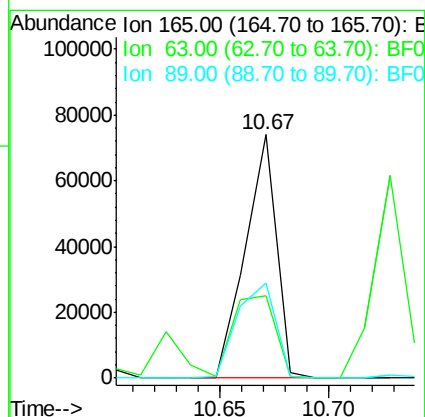
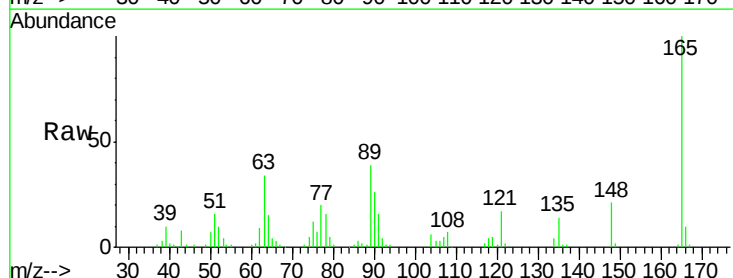
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:163 Resp: 331029  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 9.6 8.2 12.2



#50  
2,6-Dinitrotoluene  
Concen: 41.05 ng  
RT: 10.67 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:165 Resp: 73323  
Ion Ratio Lower Upper  
165 100  
63 33.7 44.1 66.1#  
89 39.0 44.3 66.5#





#51

Acenaphthene

Concen: 37.15 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

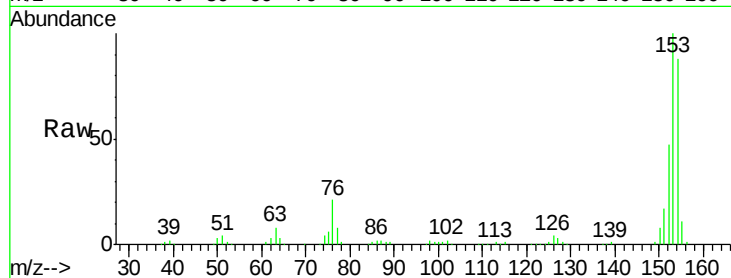
Tot Ion:154 Resp: 267339

Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

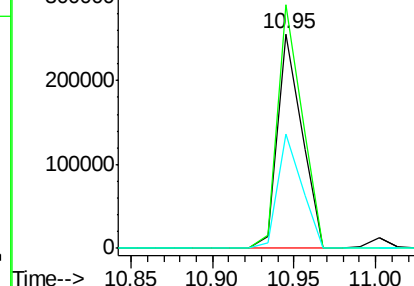
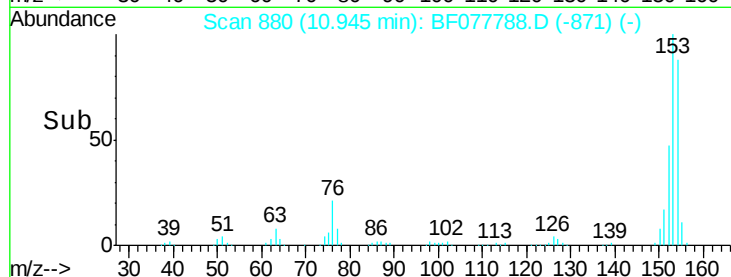
152 53.5 42.6 63.8



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: 37.13 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

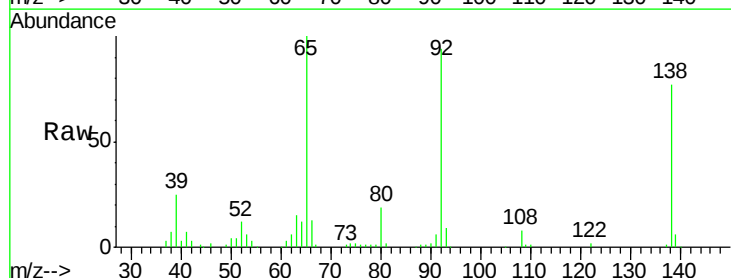
Tgt Ion:138 Resp: 77020

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

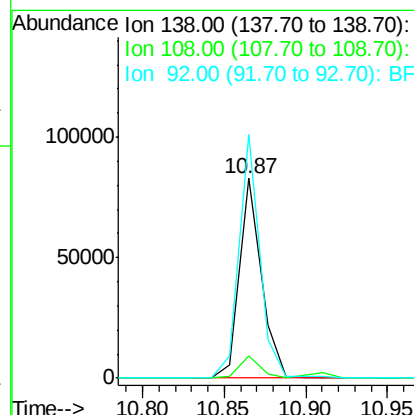
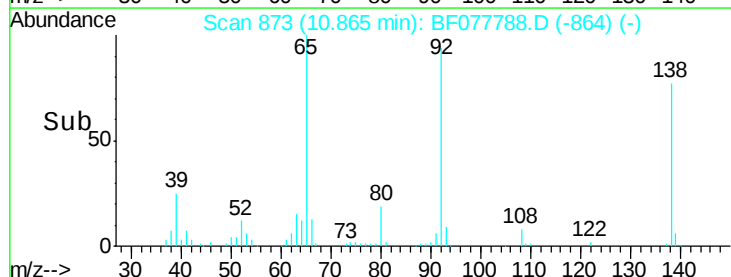
92 121.7 76.6 114.8#

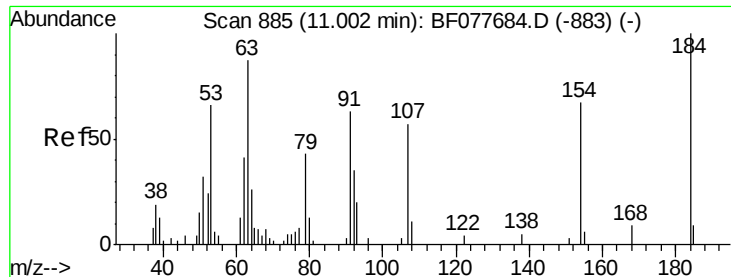


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

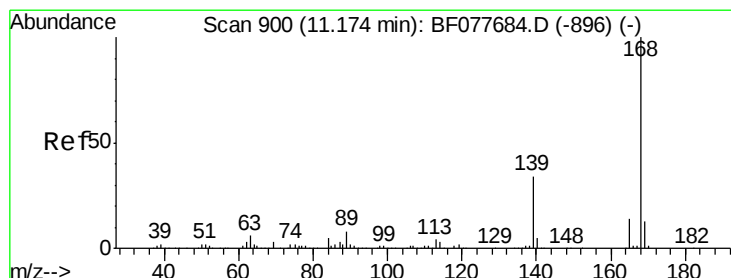
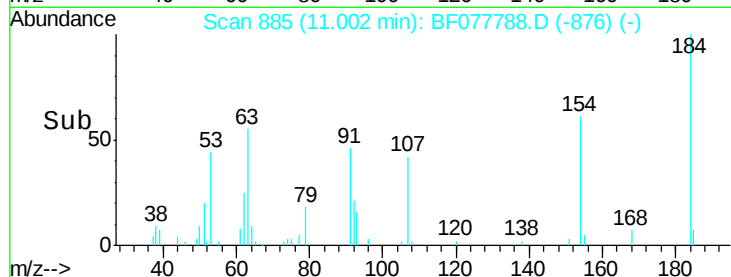
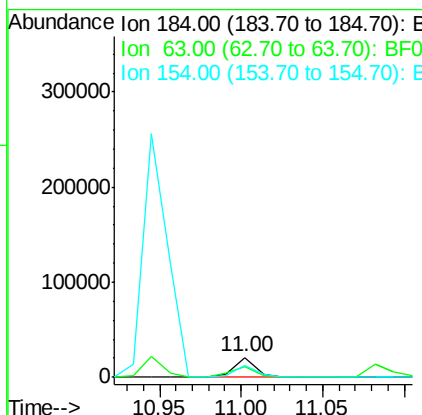
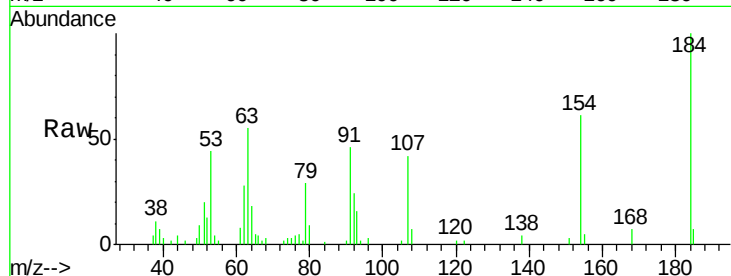




#53  
 2,4-Dinitrophenol  
 Concen: 35.39 ng  
 RT: 11.00 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

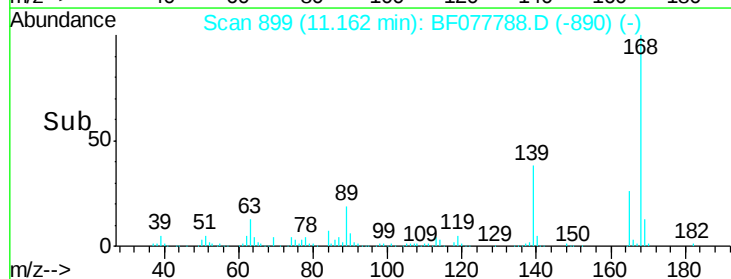
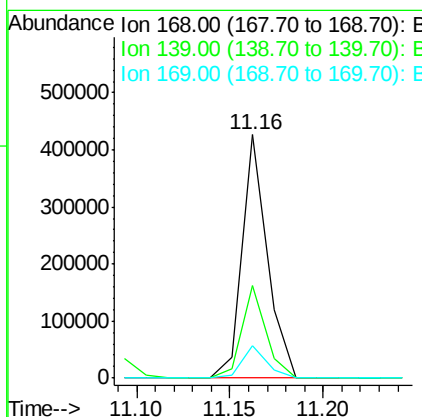
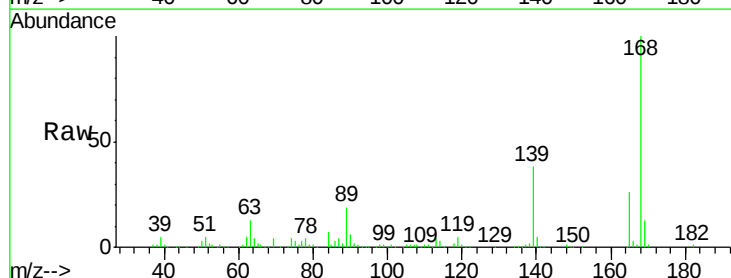
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:184 Resp: 19943  
 Ion Ratio Lower Upper  
 184 100  
 63 54.9 69.2 103.8#  
 154 61.2 53.3 79.9



#54  
 Dibenzofuran  
 Concen: 37.54 ng  
 RT: 11.16 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:168 Resp: 400639  
 Ion Ratio Lower Upper  
 168 100  
 139 38.1 27.3 40.9  
 169 13.5 10.6 16.0





#55

4-Nitrophenol

Concen: 37.31 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

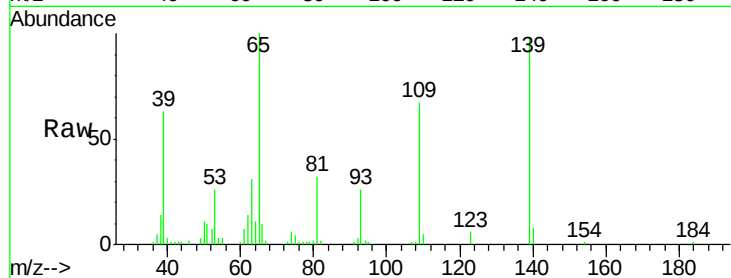
Tot Ion:139 Resp: 57325

Ion Ratio Lower Upper

139 100

109 67.9 37.7 77.7

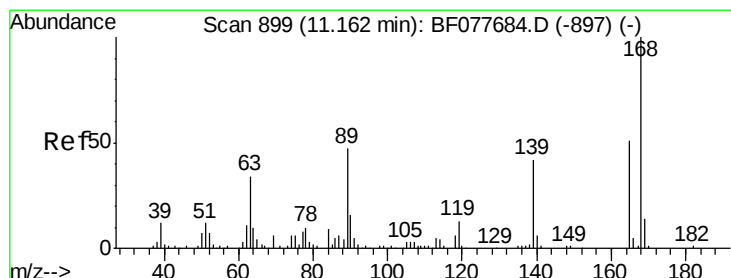
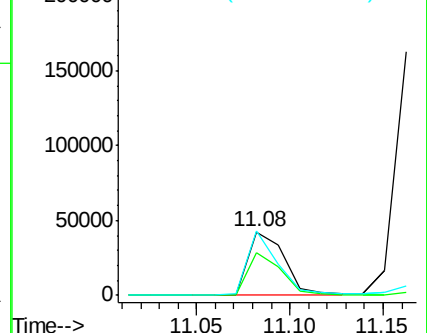
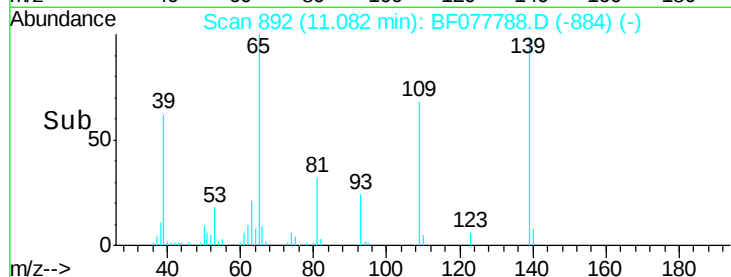
65 101.8 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 40.75 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Tgt Ion:165 Resp: 94897

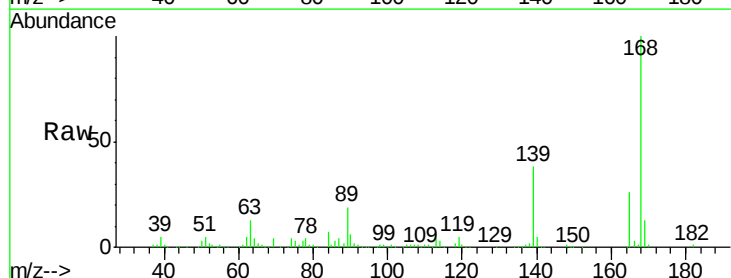
Ion Ratio Lower Upper

165 100

63 51.4 52.4 78.6#

89 72.3 72.4 108.6#

182 2.3 2.0 3.0

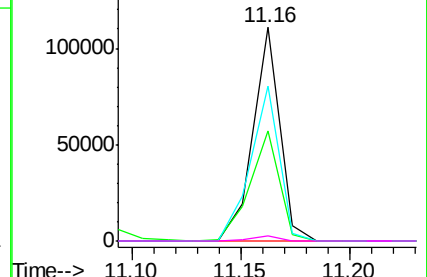
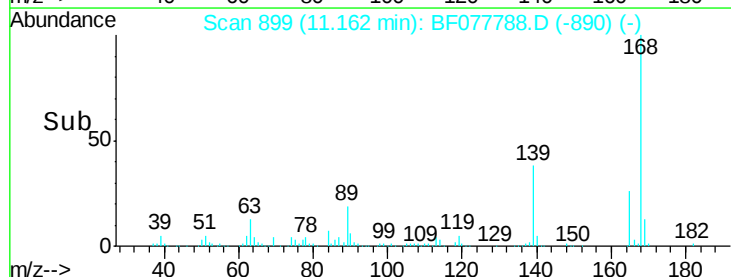


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.04 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

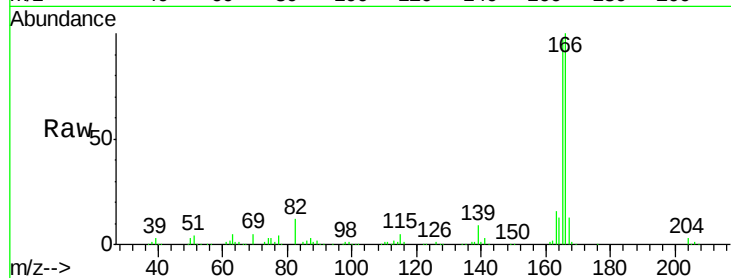
Tot Ion:166 Resp: 328223

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

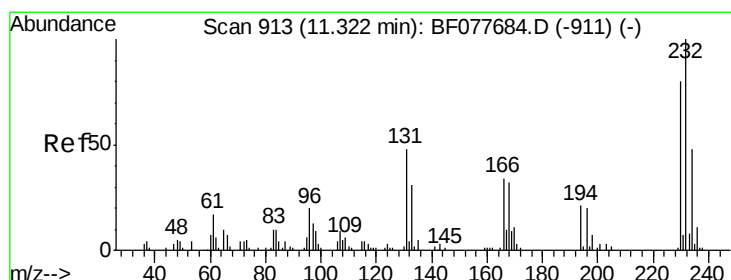
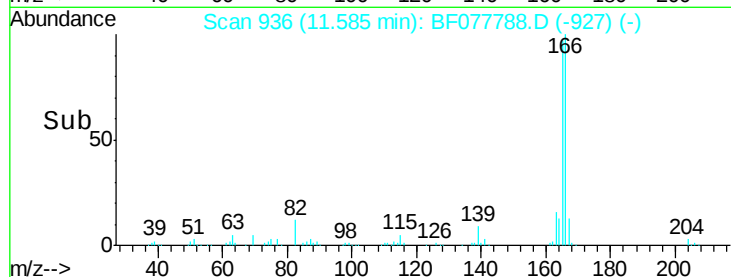
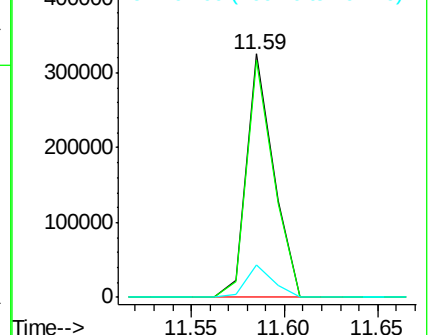
167 13.5 10.3 15.5



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: 38.67 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Tgt Ion:232 Resp: 77213

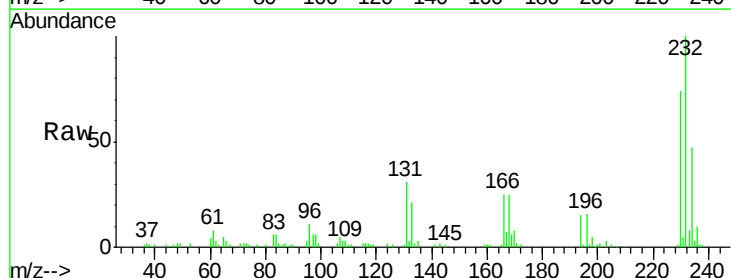
Ion Ratio Lower Upper

232 100

131 44.7 0.0 0.0#

130 2.0 0.0 0.0#

166 30.8 0.0 0.0#

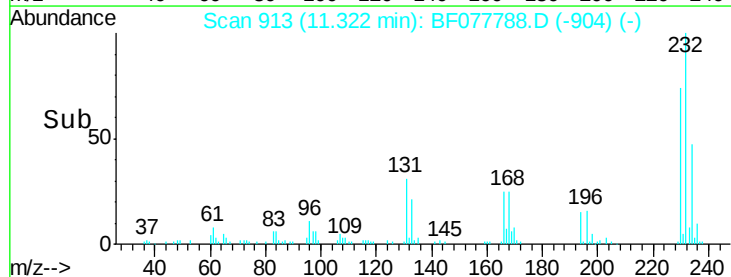
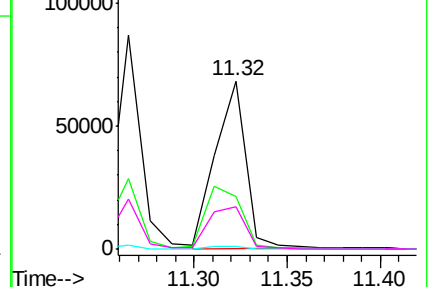


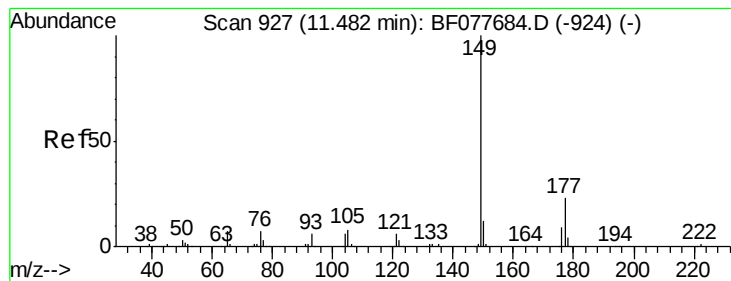
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.42 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

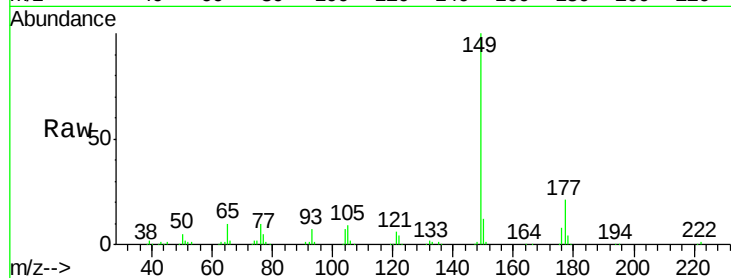
Tot Ion:149 Resp: 305804

Ion Ratio Lower Upper

149 100

177 20.7 18.3 27.5

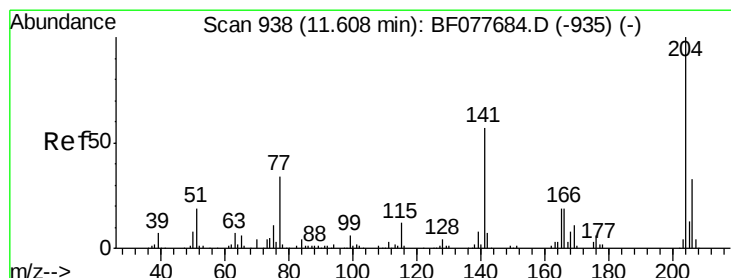
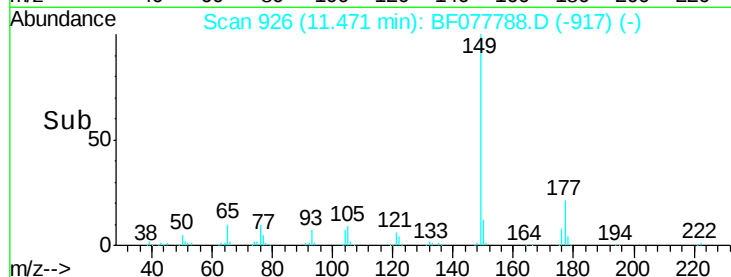
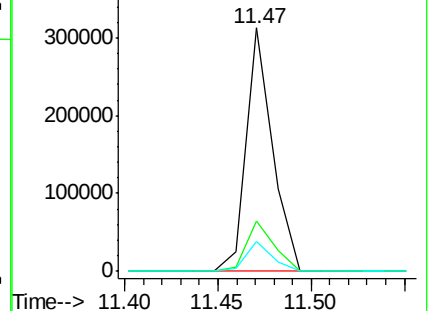
150 12.4 9.8 14.8



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: 35.97 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

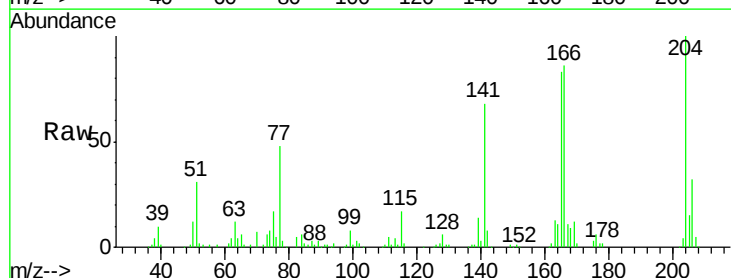
Tgt Ion:204 Resp: 145484

Ion Ratio Lower Upper

204 100

206 31.5 26.6 39.8

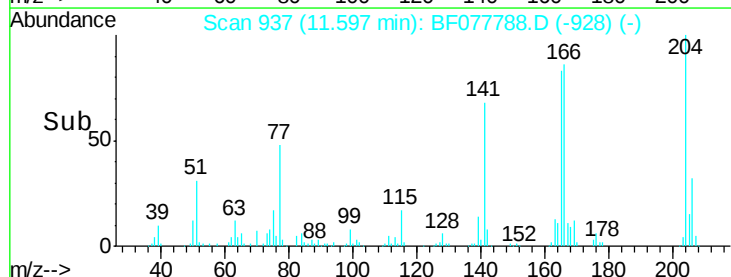
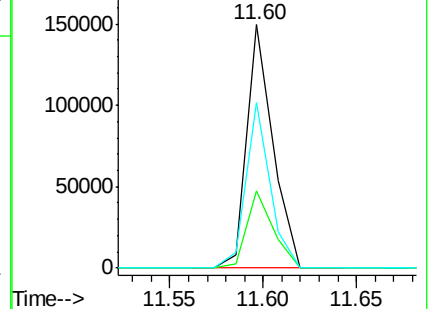
141 67.8 45.2 67.8

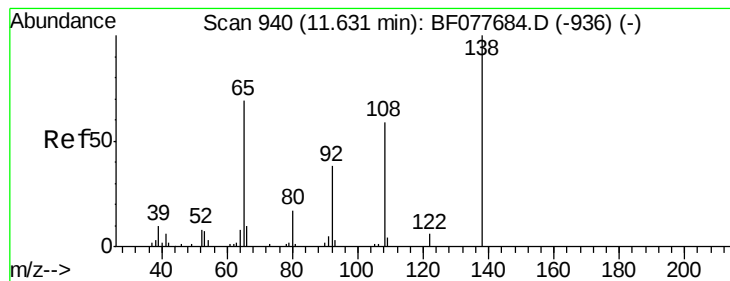


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.08 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

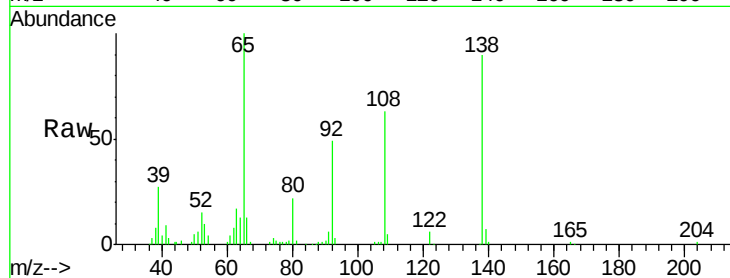
Tot Ion:138 Resp: 78733

Ion Ratio Lower Upper

138 100

92 54.5 16.7 56.7

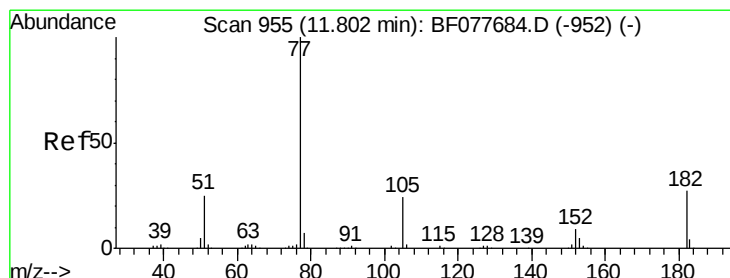
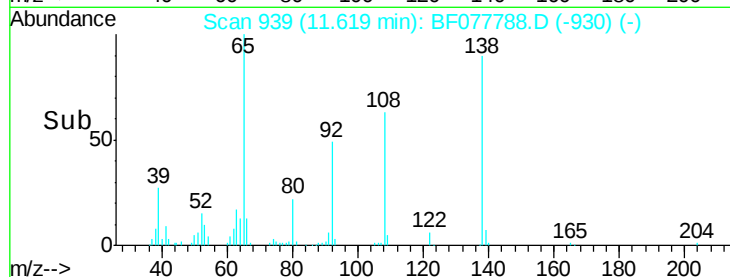
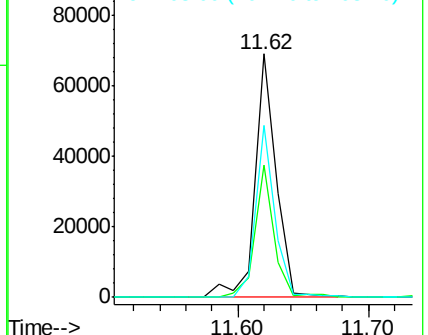
108 70.4 37.6 77.6



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: 36.96 ng

RT: 11.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Tgt Ion: 77 Resp: 296595

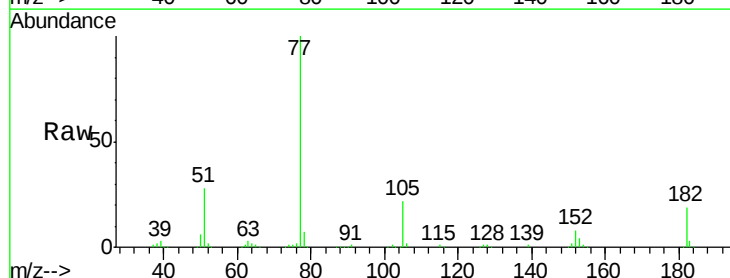
Ion Ratio Lower Upper

77 100

182 19.1 6.5 46.5

105 22.3 3.8 43.8

51 28.3 5.5 45.5

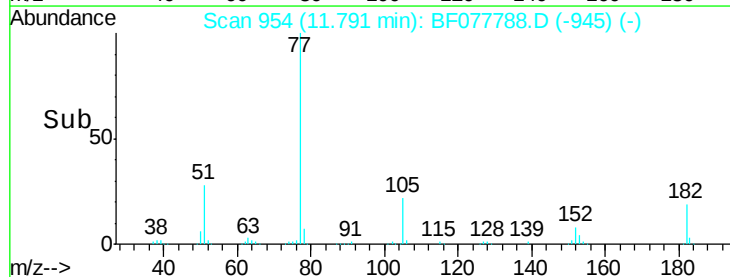
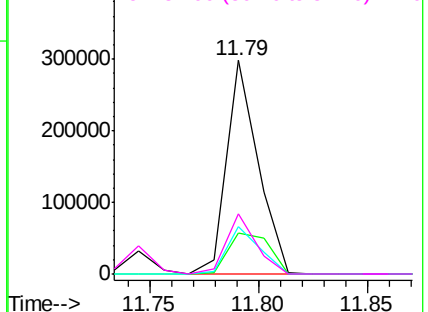


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

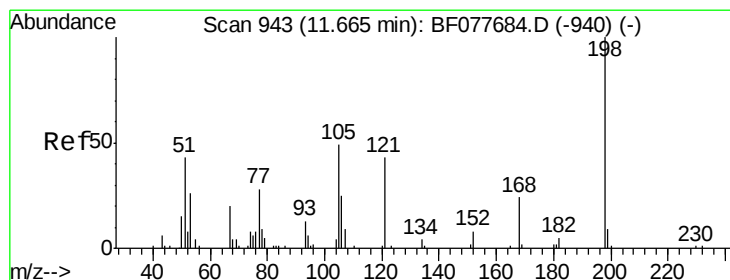
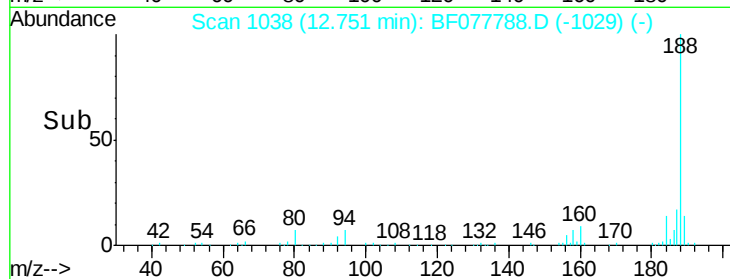
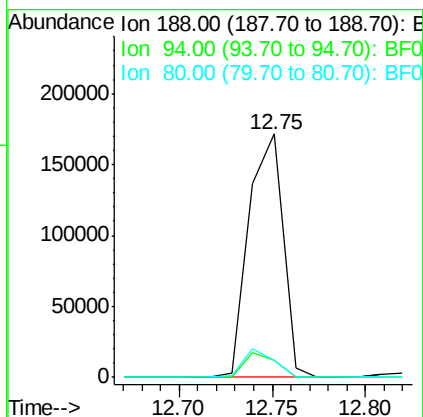
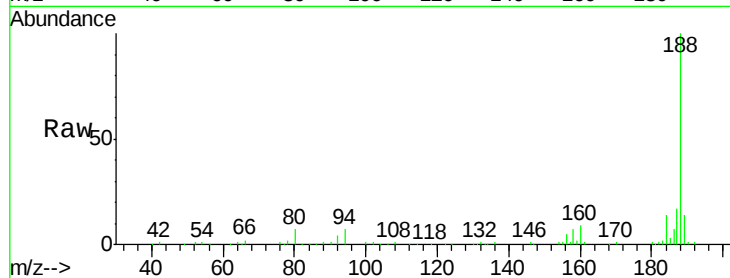




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.75 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

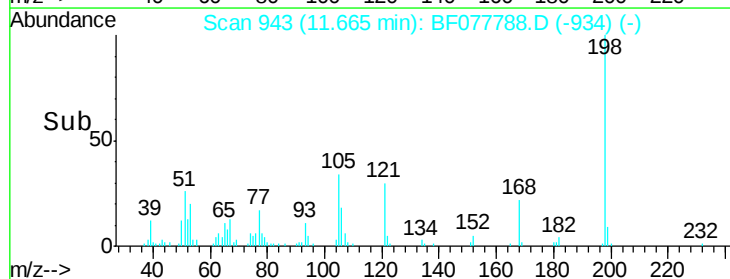
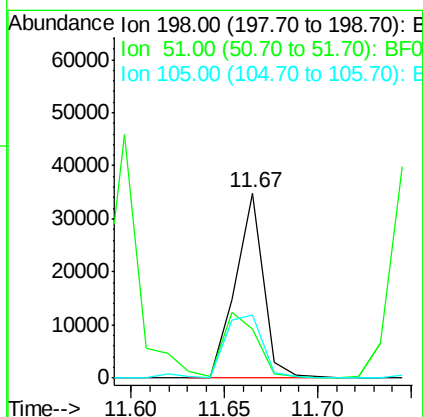
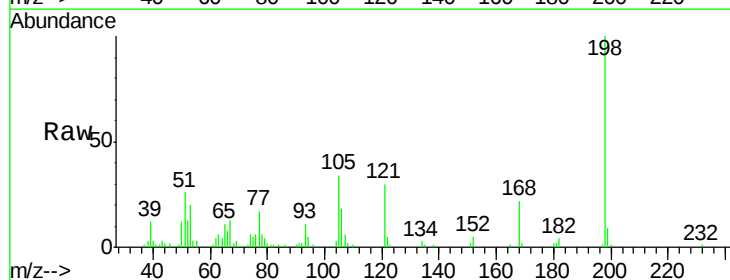
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:188 Resp: 218275  
 Ion Ratio Lower Upper  
 188 100  
 94 6.9 8.7 13.1#  
 80 7.0 9.3 13.9#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.70 ng  
 RT: 11.67 min Scan# 943  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:198 Resp: 36673  
 Ion Ratio Lower Upper  
 198 100  
 51 26.5 28.8 68.8#  
 105 34.4 30.5 70.5

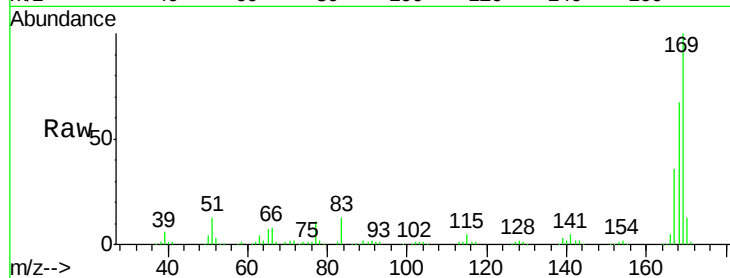




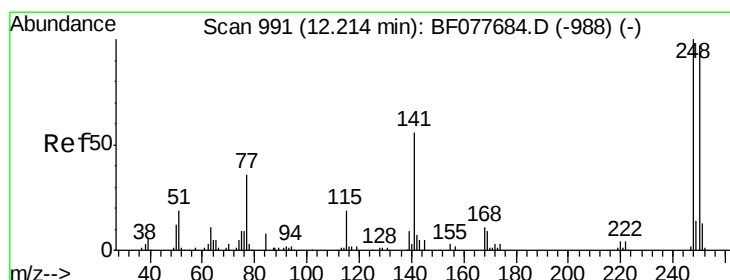
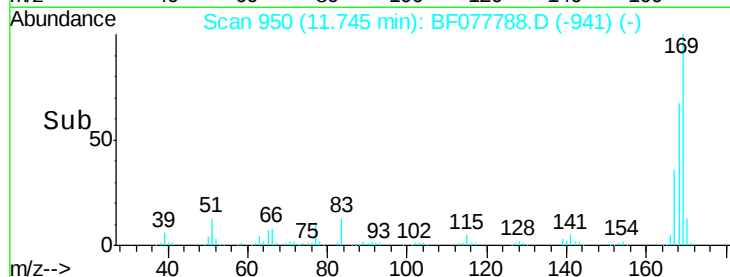
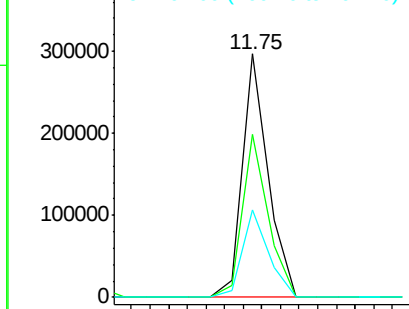
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.00 ng  
 RT: 11.75 min Scan# 950  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:169 Resp: 283471  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 53.9 80.9  
 167 35.8 28.9 43.3

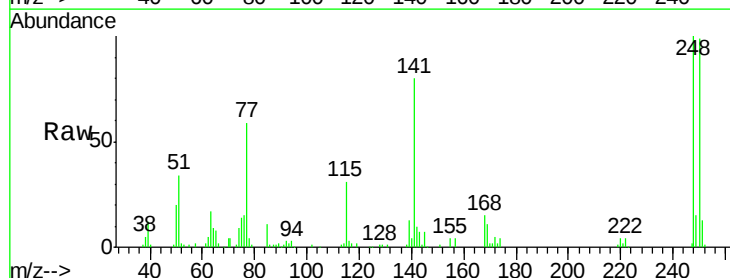


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

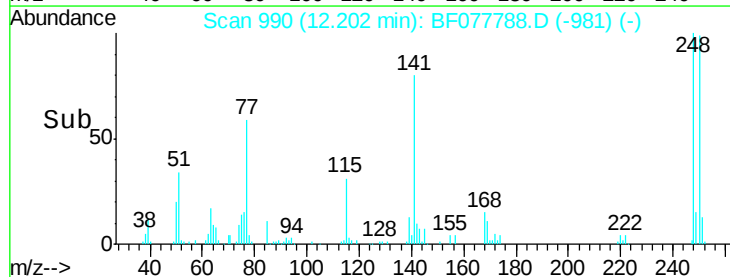
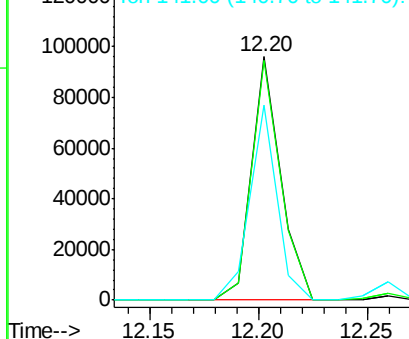


#66  
 4-Bromophenyl-phenylether  
 Concen: 38.63 ng  
 RT: 12.20 min Scan# 990  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:248 Resp: 89977  
 Ion Ratio Lower Upper  
 248 100  
 250 98.7 77.4 116.0  
 141 80.0 45.2 67.8#



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

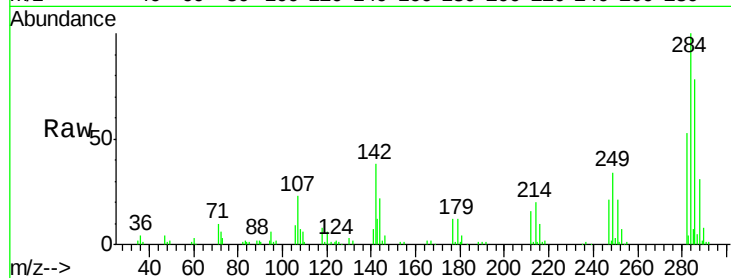




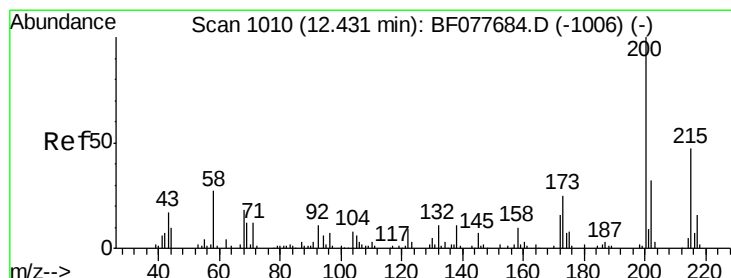
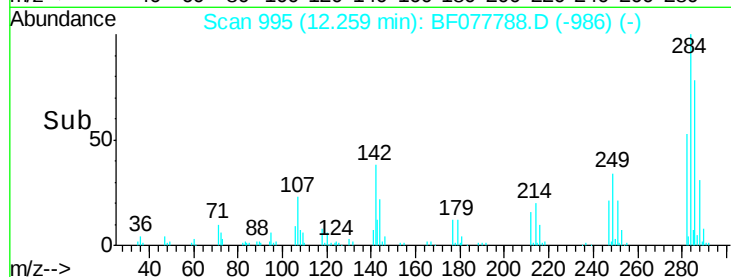
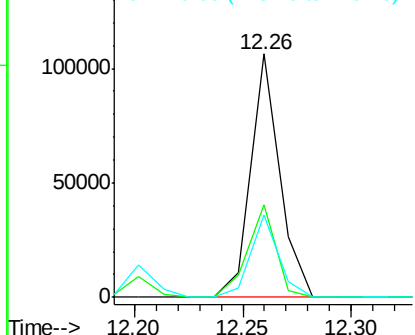
#67  
Hexachlorobenzene  
Concen: 38.47 ng  
RT: 12.26 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:284 Resp: 98454  
Ion Ratio Lower Upper  
284 100  
142 38.1 20.4 30.6#  
249 33.7 23.8 35.6

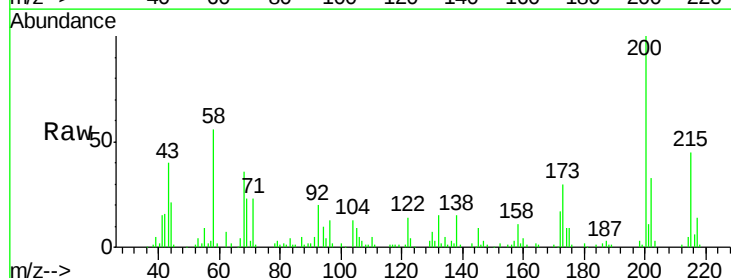


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

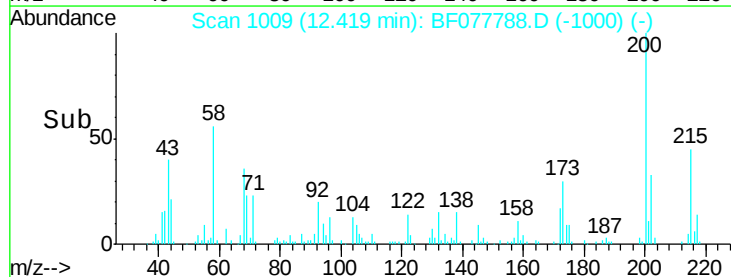
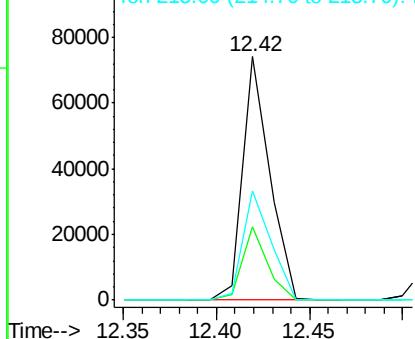


#68  
Atrazine  
Concen: 36.69 ng  
RT: 12.42 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:200 Resp: 74733  
Ion Ratio Lower Upper  
200 100  
173 29.9 4.8 44.8  
215 44.7 26.9 66.9



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

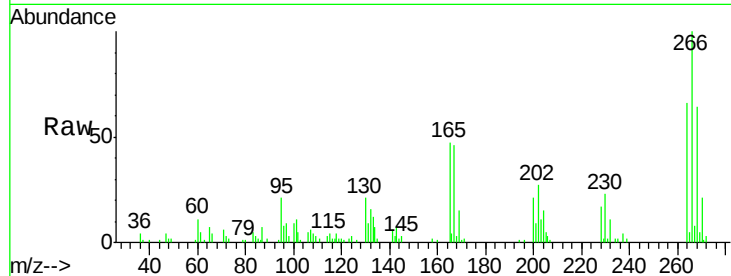




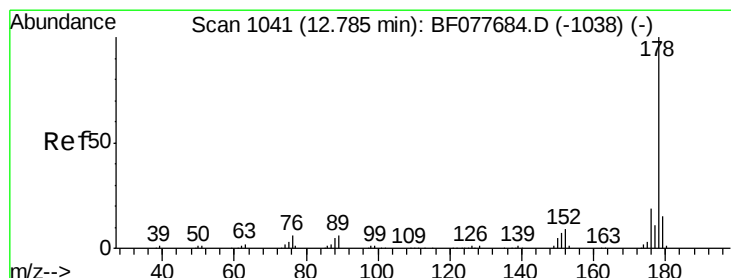
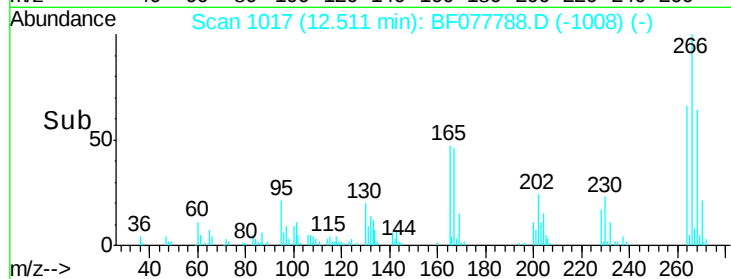
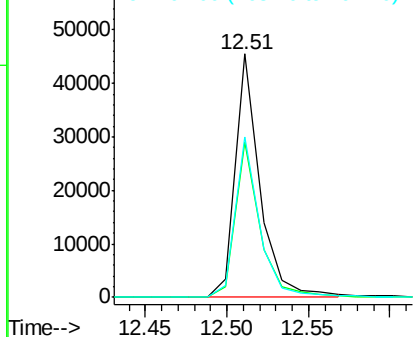
#69  
 Pentachlorophenol  
 Concen: 36.90 ng  
 RT: 12.51 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:266 Resp: 47156  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 52.0 78.0  
 264 65.8 49.0 73.4

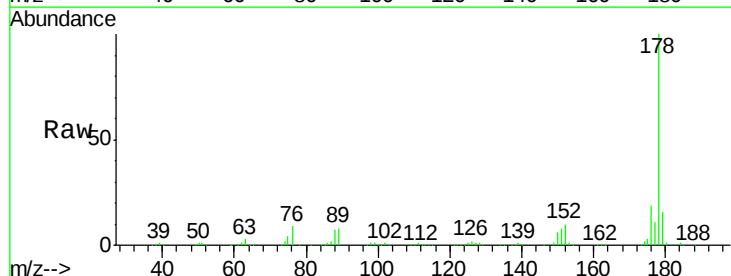


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

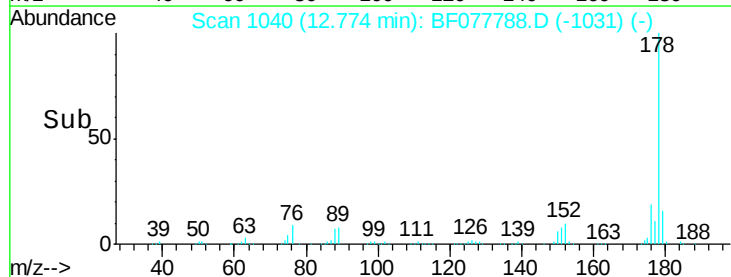
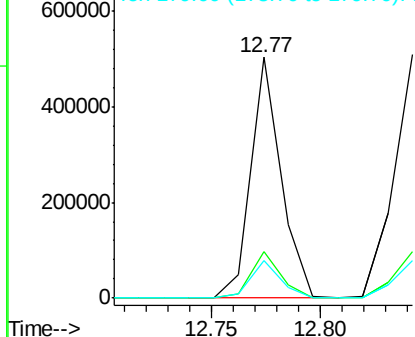


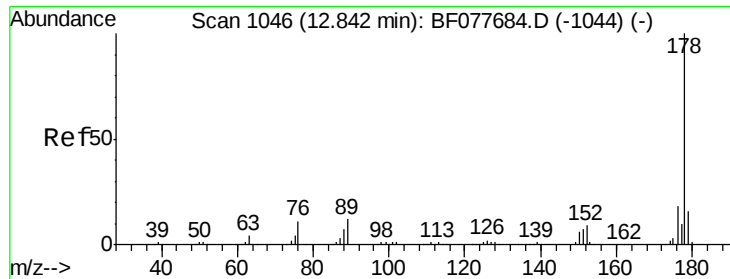
#70  
 Phenanthrene  
 Concen: 38.74 ng  
 RT: 12.77 min Scan# 1040  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:178 Resp: 485399  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.2 22.8  
 179 15.7 12.1 18.1



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

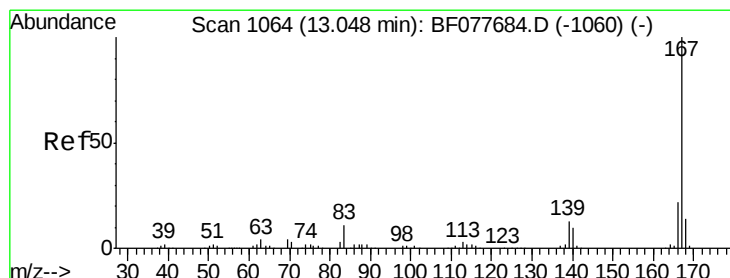
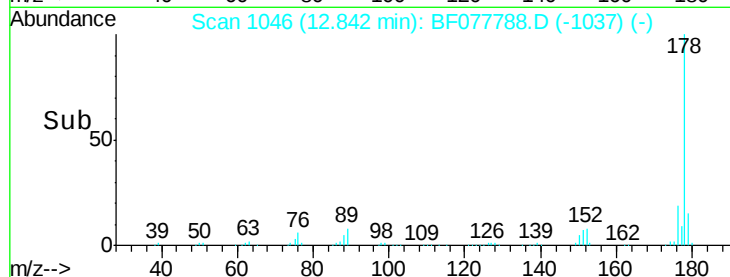
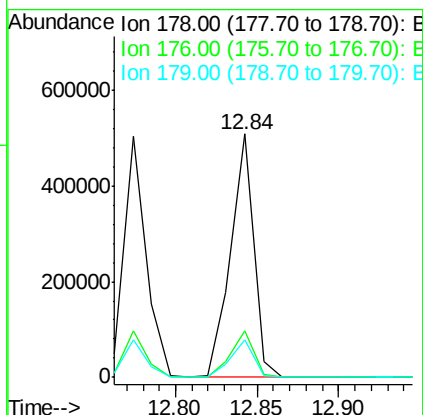
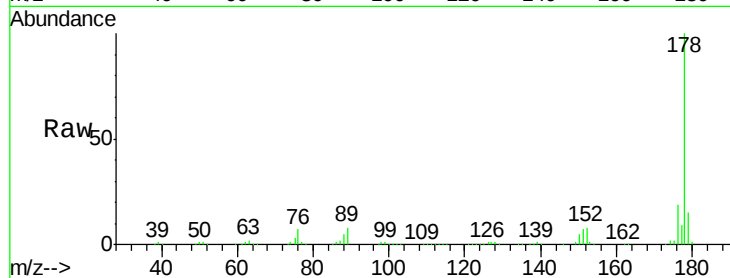




#71  
 Anthracene  
 Concen: 40.02 ng  
 RT: 12.84 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

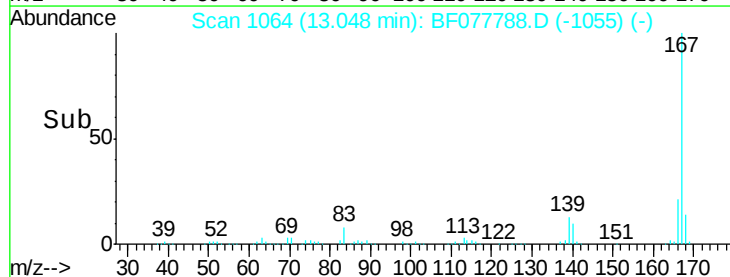
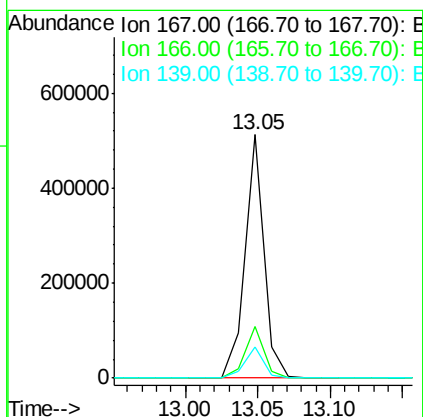
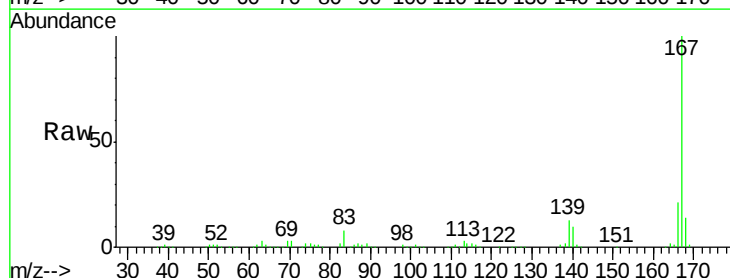
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

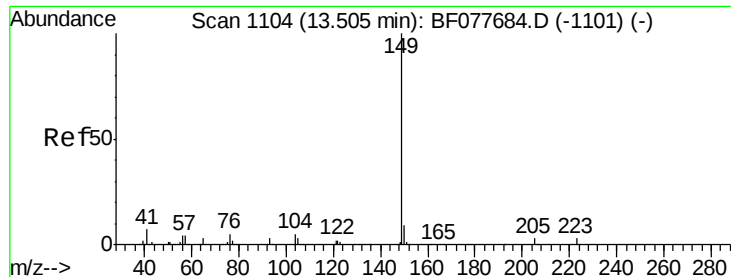
Tot Ion:178 Resp: 495399  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 14.6 22.0  
 179 15.2 12.6 19.0



#72  
 Carbazole  
 Concen: 39.60 ng  
 RT: 13.05 min Scan# 1064  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:167 Resp: 466375  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.2 25.8  
 139 13.0 10.8 16.2

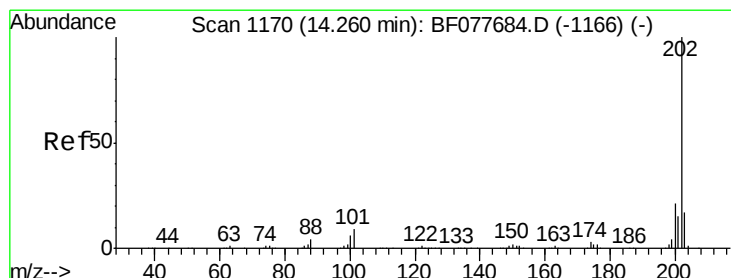
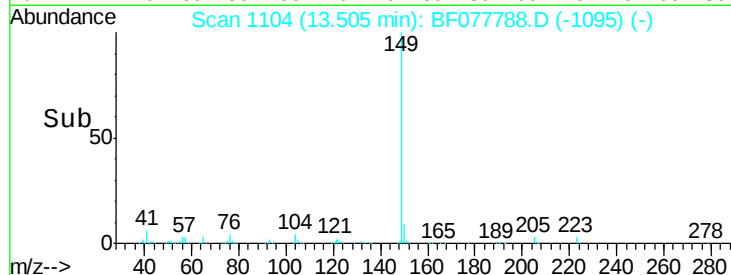
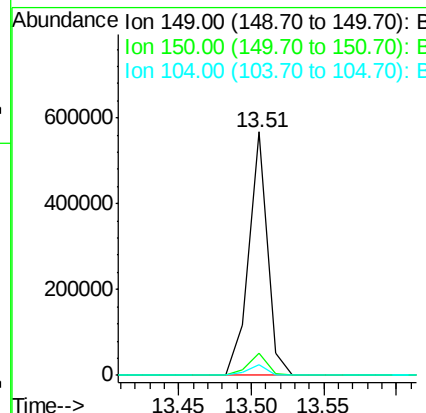
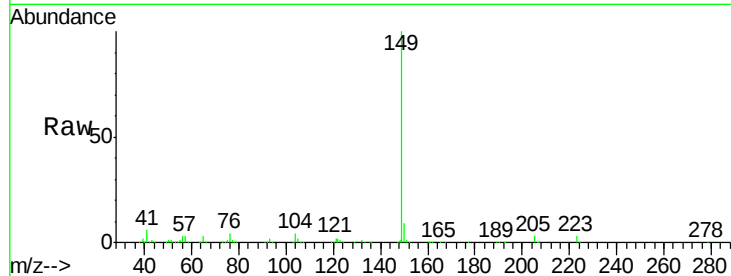




#73  
Di-n-butylphthalate  
Concen: 38.38 ng  
RT: 13.51 min Scan# 1104  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

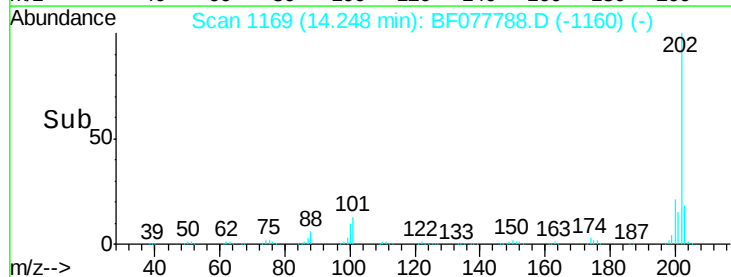
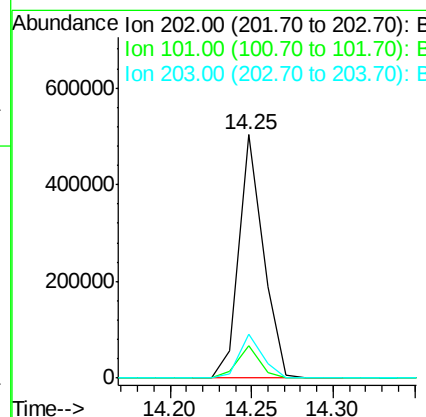
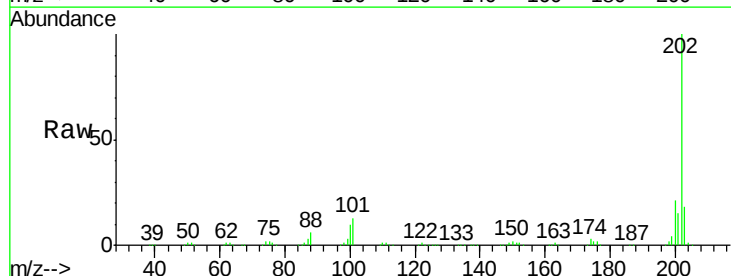
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

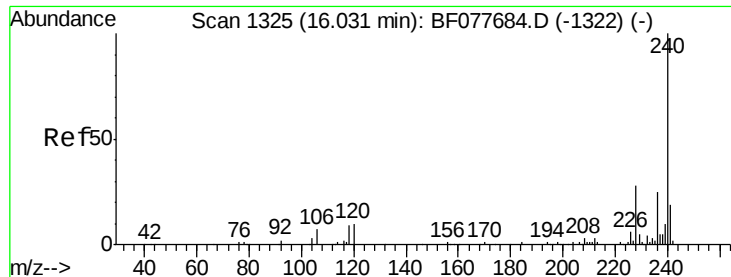
Tot Ion:149 Resp: 506747  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.5 11.3  
104 4.4 3.7 5.5



#74  
Fluoranthene  
Concen: 37.41 ng  
RT: 14.25 min Scan# 1169  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:202 Resp: 517101  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 28.7  
203 18.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

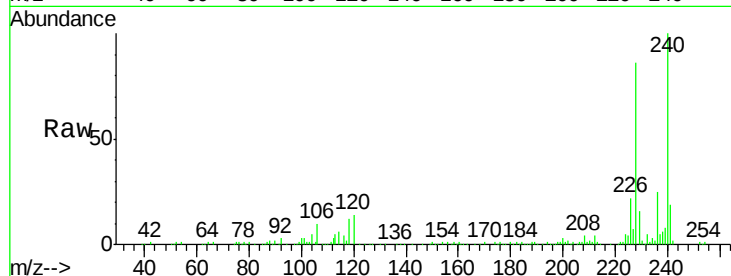
Tot Ion:240 Resp: 223895

Ion Ratio Lower Upper

240 100

120 14.1 8.2 12.2#

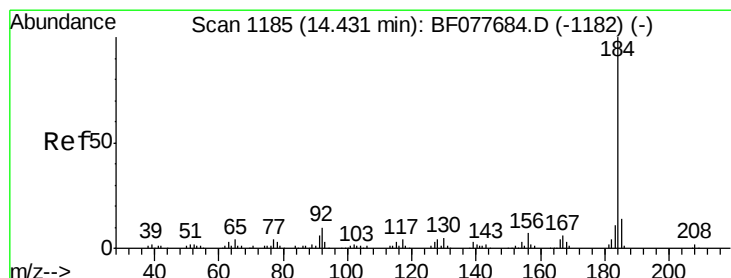
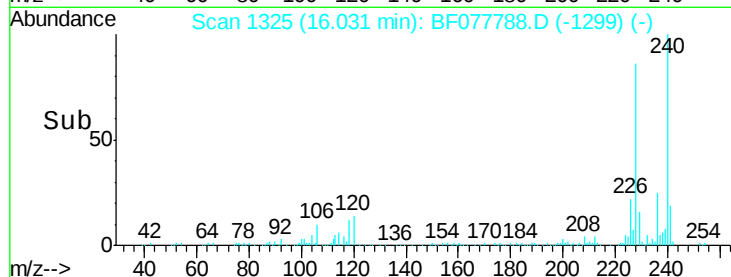
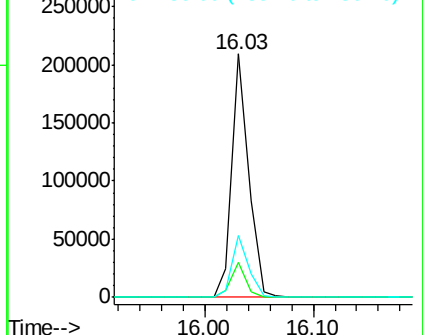
236 25.4 20.0 30.0



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: 38.25 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

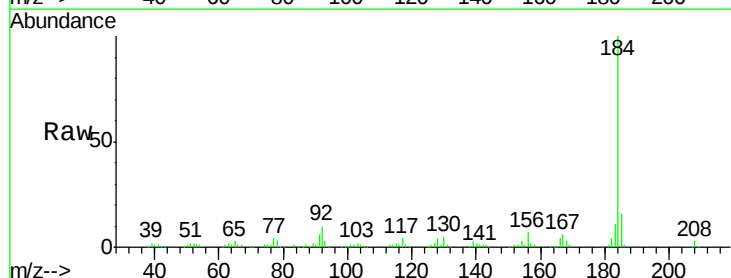
Tgt Ion:184 Resp: 211948

Ion Ratio Lower Upper

184 100

185 15.6 11.3 16.9

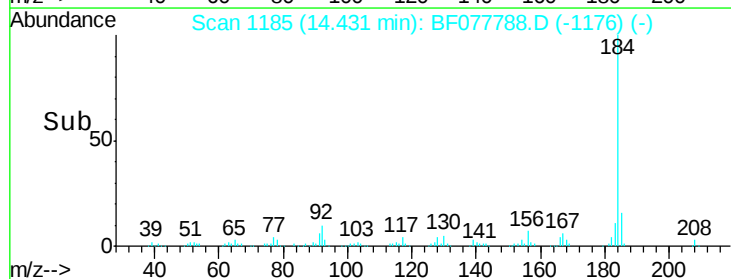
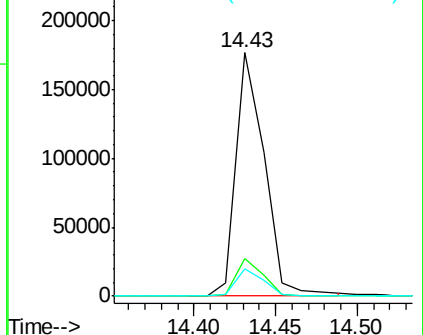
183 11.4 8.9 13.3

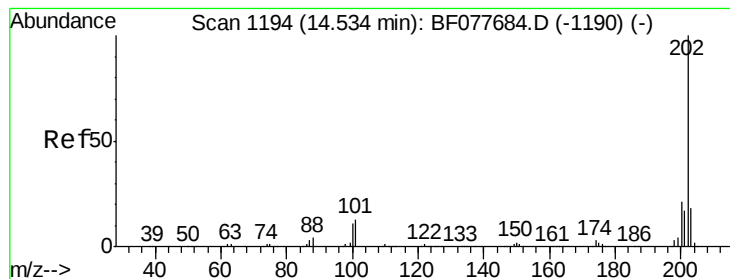


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.10 ng

RT: 14.53 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

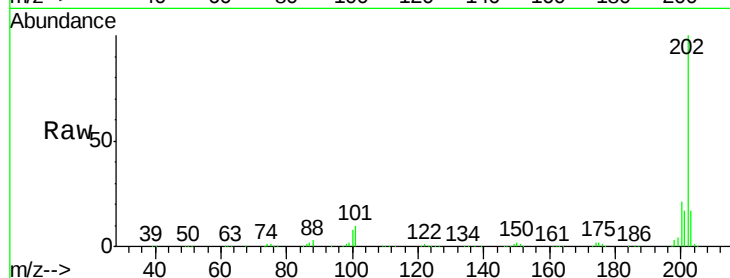
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 550476

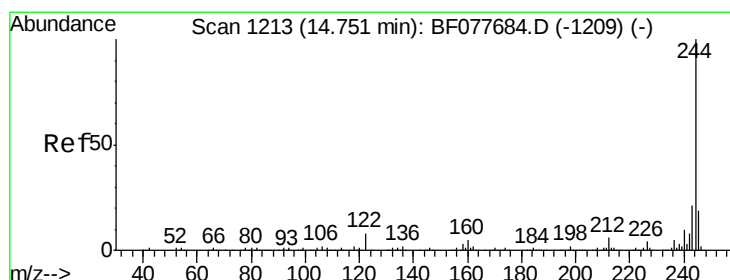
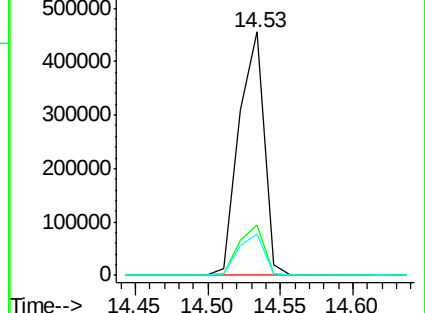
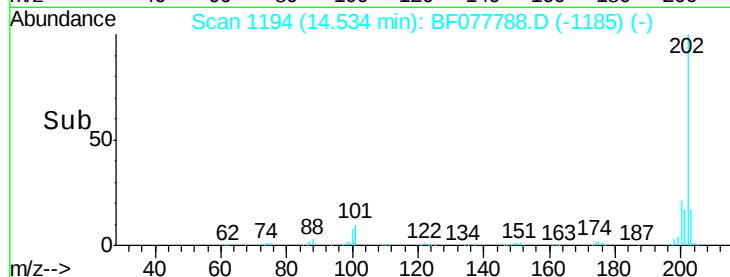
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.8  | 16.9  | 25.3  |
| 203 | 17.2  | 14.1  | 21.1  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.03 ng

RT: 14.74 min Scan# 1212

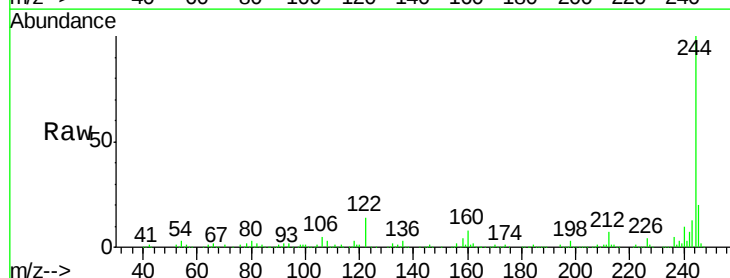
Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Tgt Ion:244 Resp: 669354

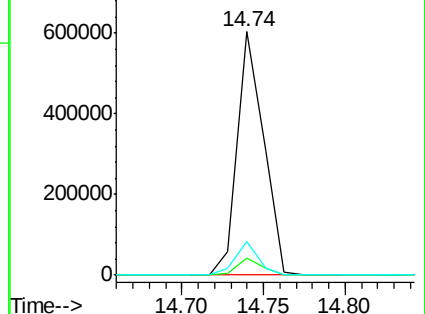
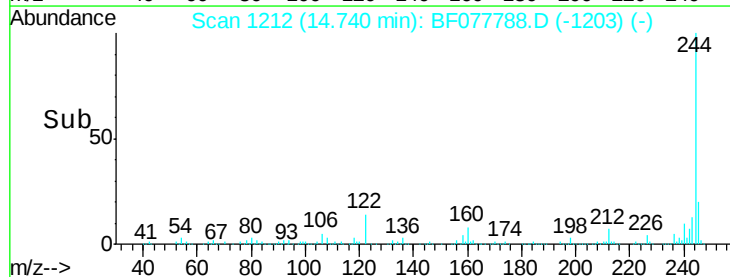
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 4.9   | 7.3   |
| 122 | 13.8  | 6.2   | 9.4   |



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

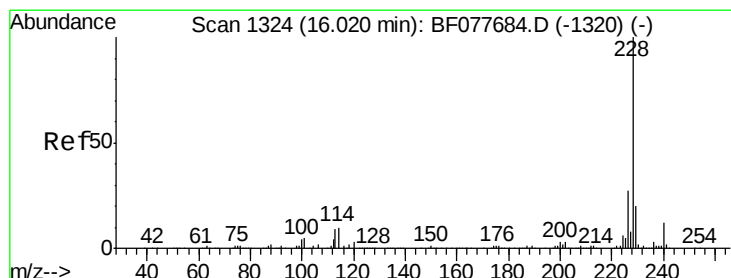
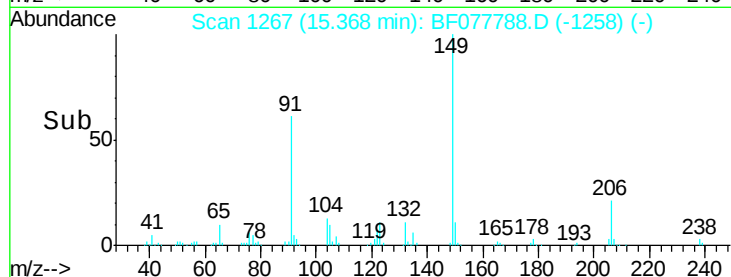
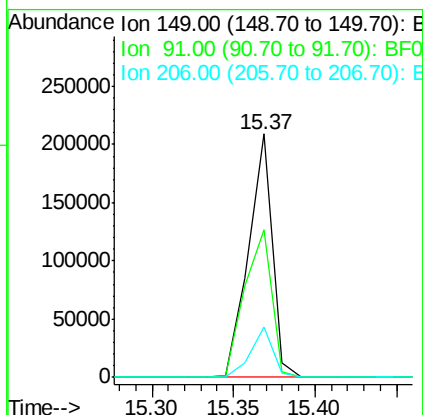
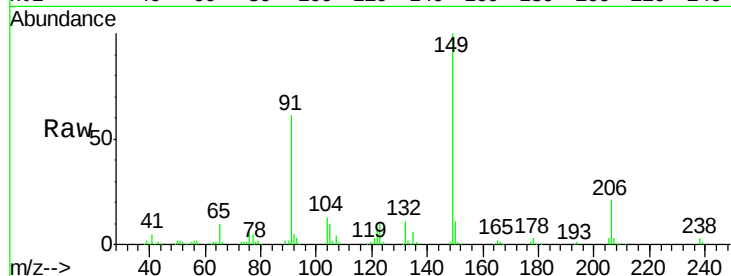




#79  
Butylbenzylphthalate  
Concen: 38.16 ng  
RT: 15.37 min Scan# 1267  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

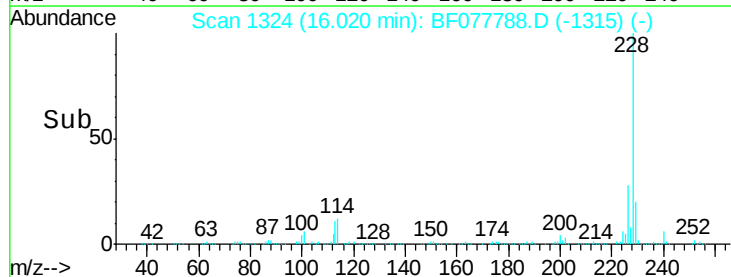
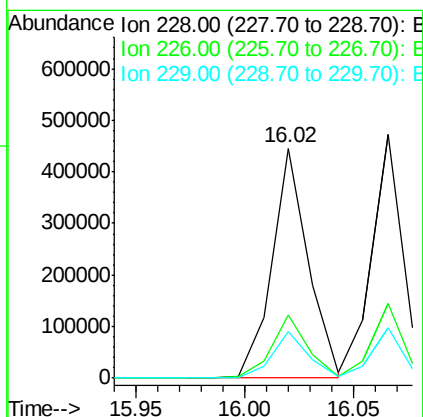
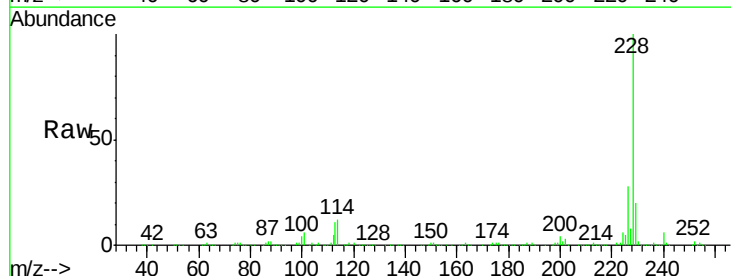
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:149 Resp: 211813  
Ion Ratio Lower Upper  
149 100  
91 60.5 50.1 75.1  
206 20.9 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 39.07 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:228 Resp: 518526  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.7 32.5  
229 20.1 16.0 24.0

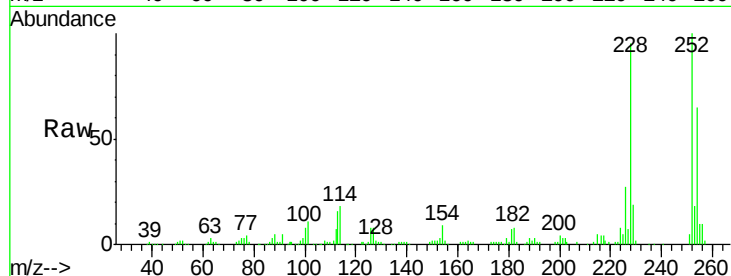




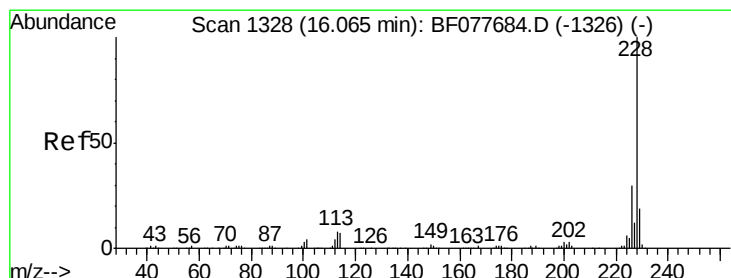
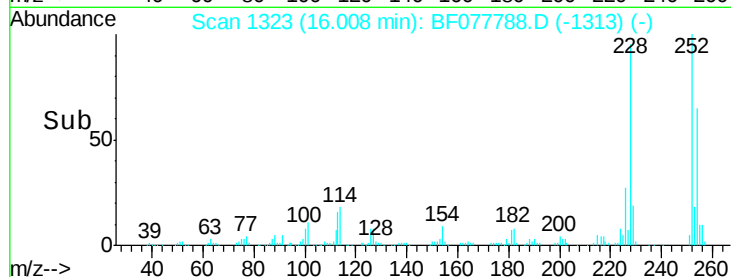
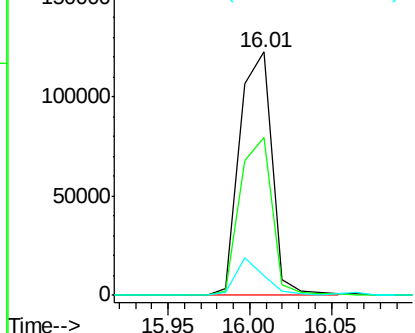
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.41 ng  
 RT: 16.01 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:252 Resp: 168142  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 51.9 77.9  
 126 8.2 9.8 14.8#

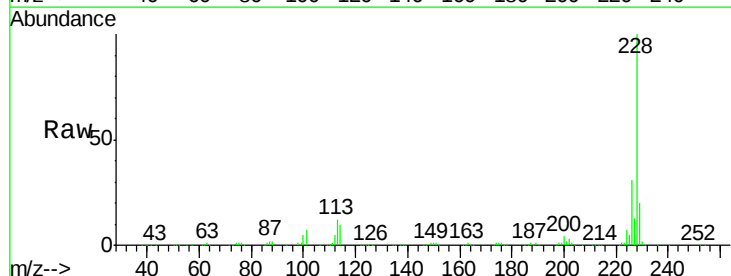


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

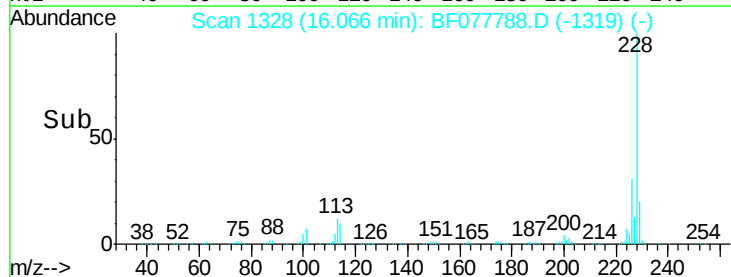
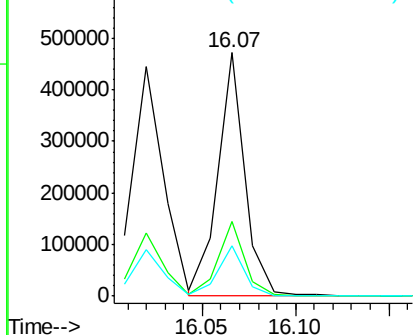


#82  
 Chrysene  
 Concen: 39.54 ng  
 RT: 16.07 min Scan# 1328  
 Delta R.T. 0.00 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

Tgt Ion:228 Resp: 471870  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 24.1 36.1  
 229 20.4 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.53 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

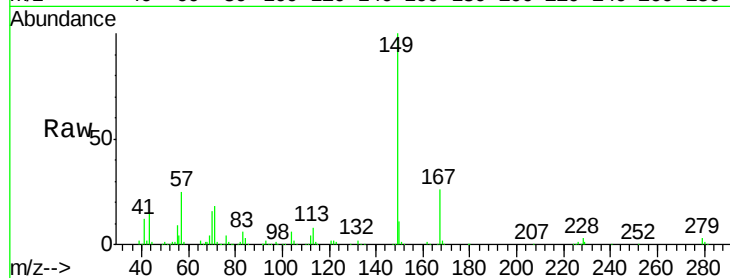
Tot Ion:149 Resp: 298795

Ion Ratio Lower Upper

149 100

167 26.0 22.4 33.6

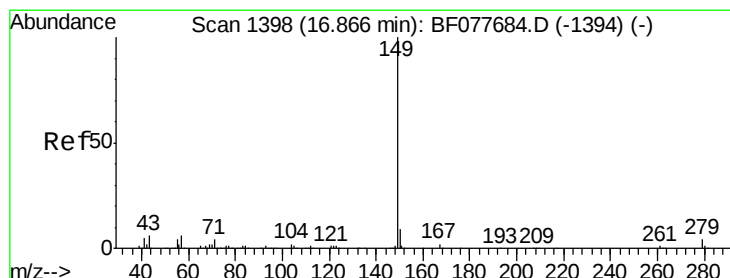
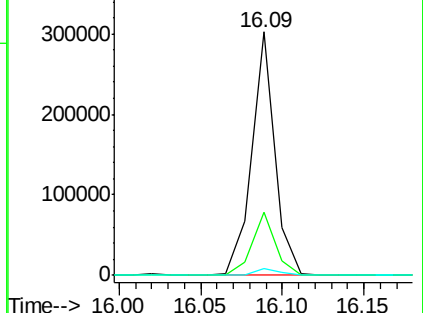
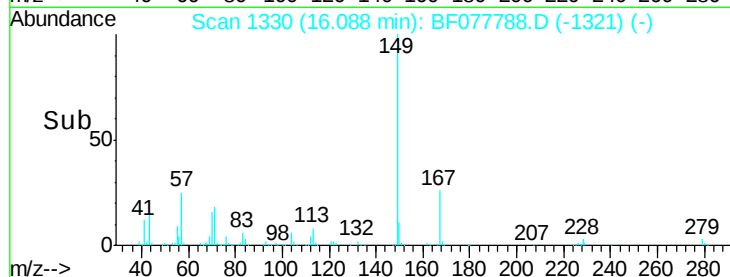
279 3.0 3.4 5.0#



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: 35.18 ng

RT: 16.89 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

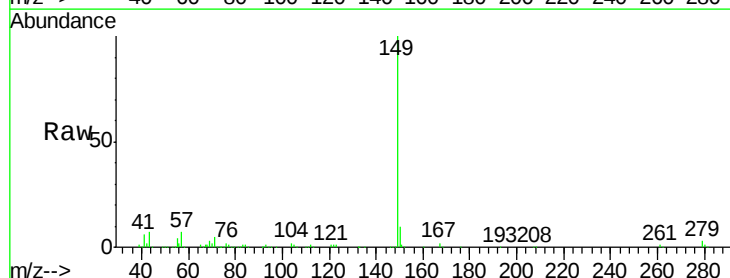
Tgt Ion:149 Resp: 505767

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

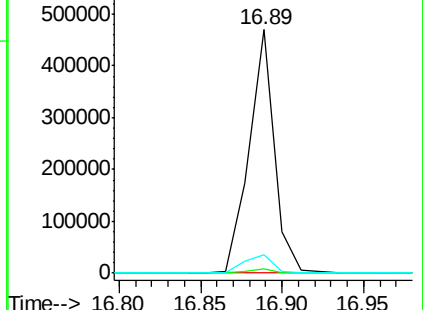
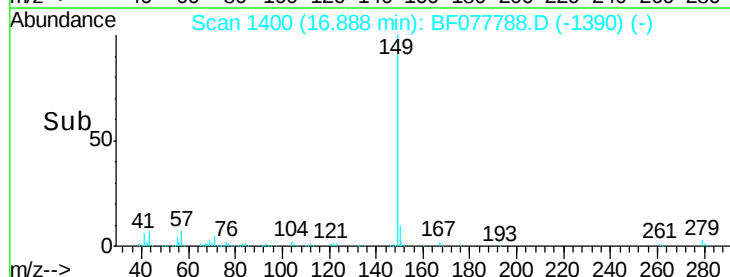
43 9.0 7.3 10.9



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

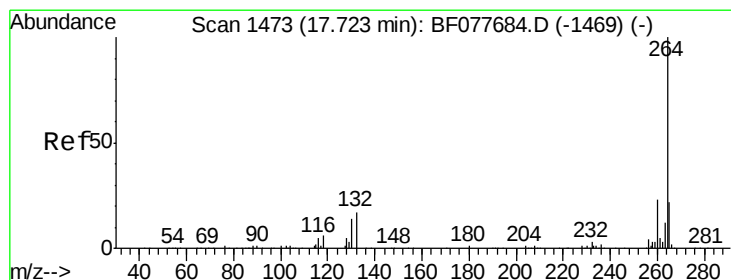
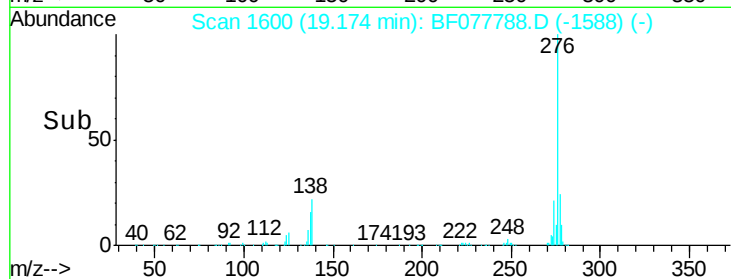
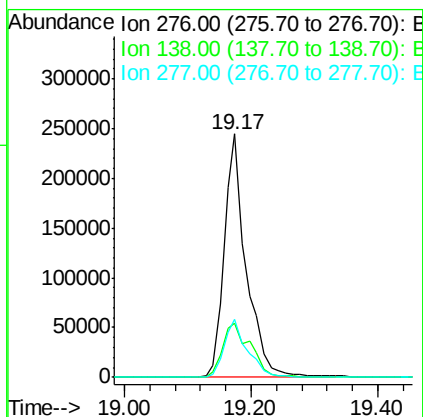
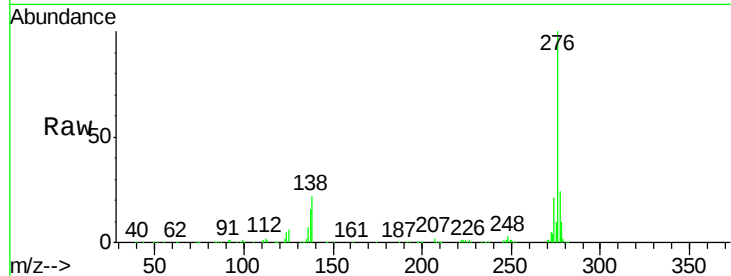




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.56 ng/ml  
 RT: 19.17 min Scan# 1600  
 Delta R.T. 0.03 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

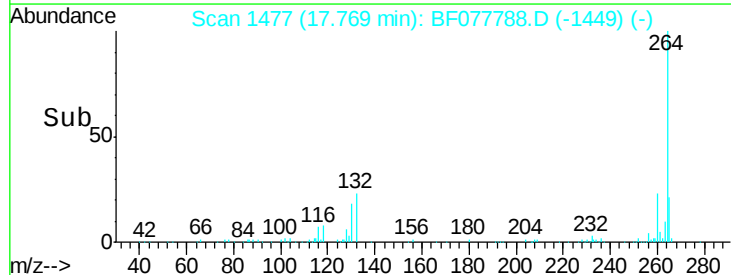
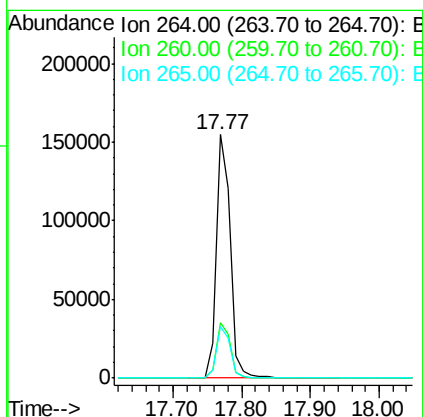
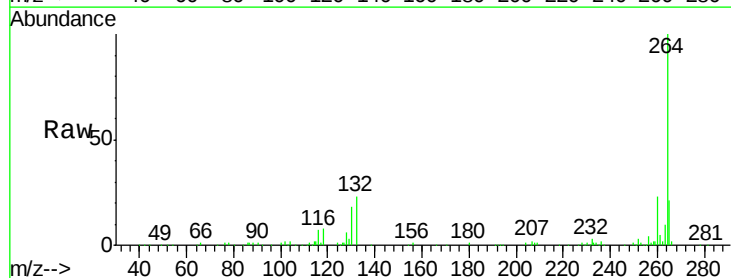
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.4  | 0.0   | 0.0#  |
| 277     | 21.1  | 0.0   | 0.0#  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.77 min Scan# 1477  
 Delta R.T. 0.02 min  
 Lab File: BF077788.D  
 Acq: 17 Mar 2015 23:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.6  | 27.8  |
| 265     | 21.4  | 17.3  | 25.9  |

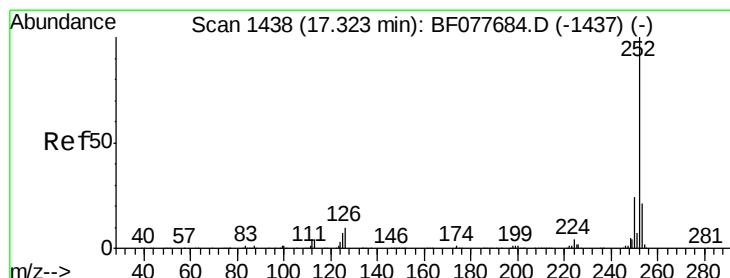
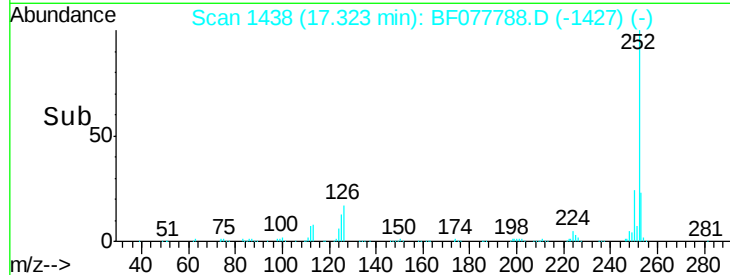
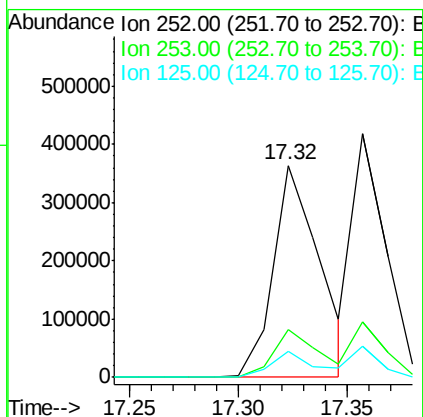
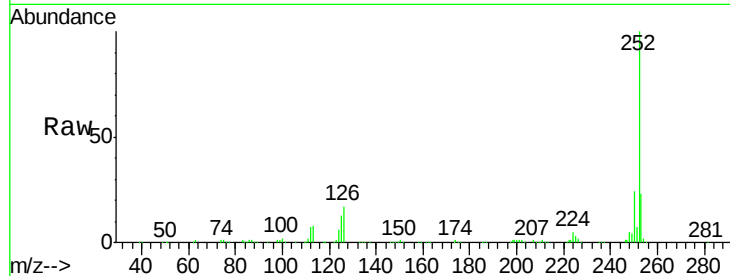




#87  
Benzo(b)fluoranthene  
Concen: 37.32 ng  
RT: 17.32 min Scan# 1438  
Delta R.T. 0.02 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

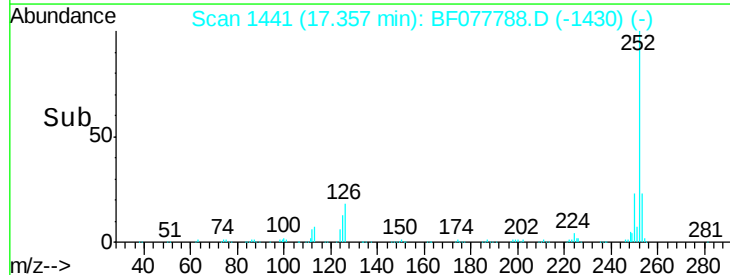
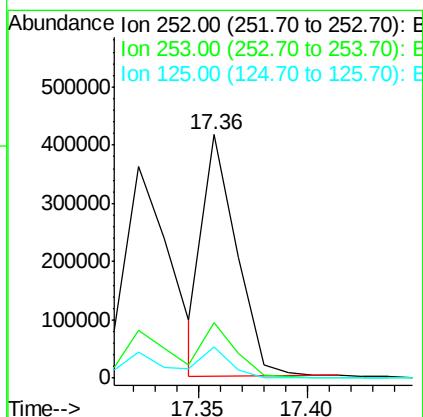
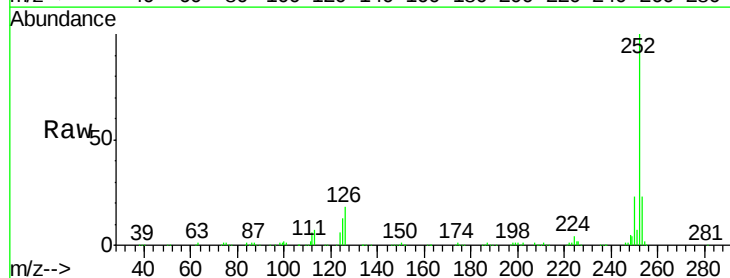
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

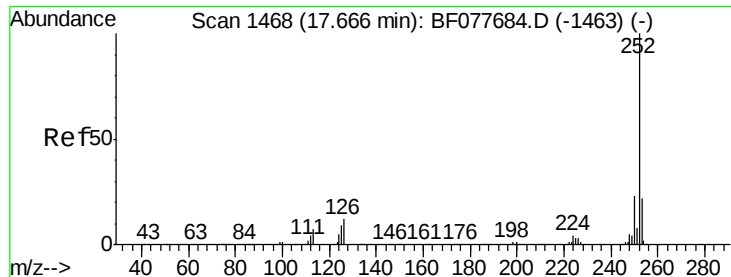
Tot Ion:252 Resp: 540335  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 12.5 9.9 14.9



#88  
Benzo(k)fluoranthene  
Concen: 39.33 ng  
RT: 17.36 min Scan# 1441  
Delta R.T. 0.02 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:252 Resp: 444821  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.2 25.8  
125 12.7 8.1 12.1#

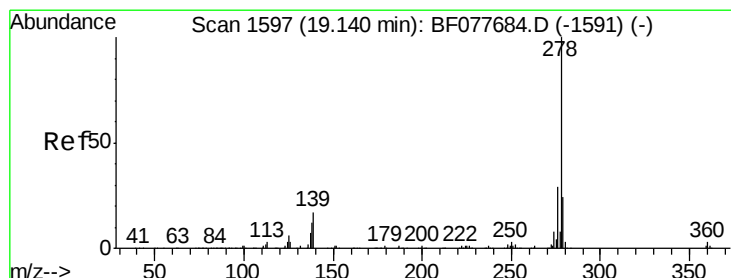
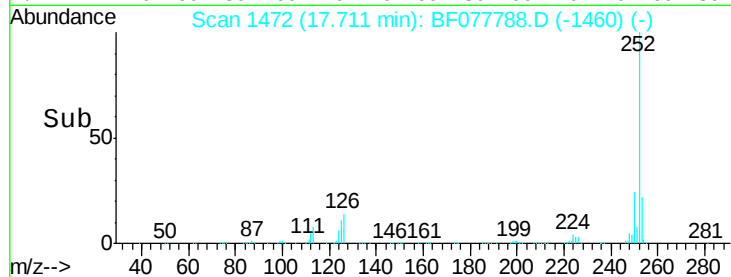
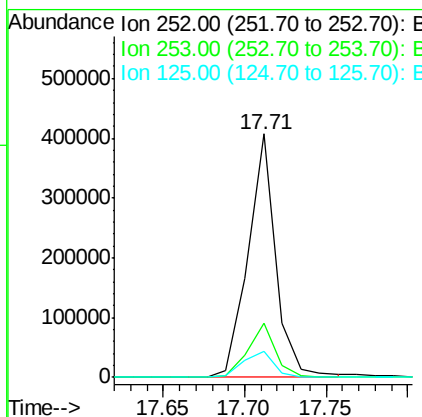
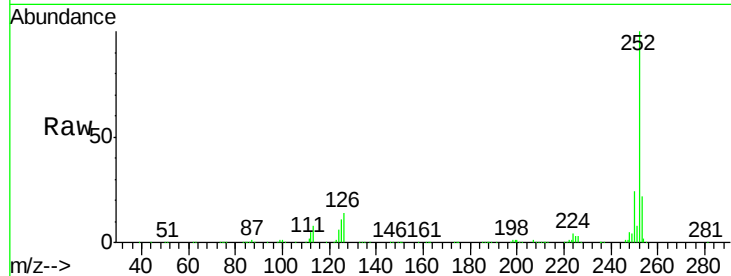




#89  
Benzo(a)pyrene  
Concen: 39.80 ng  
RT: 17.71 min Scan# 1472  
Delta R.T. 0.03 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

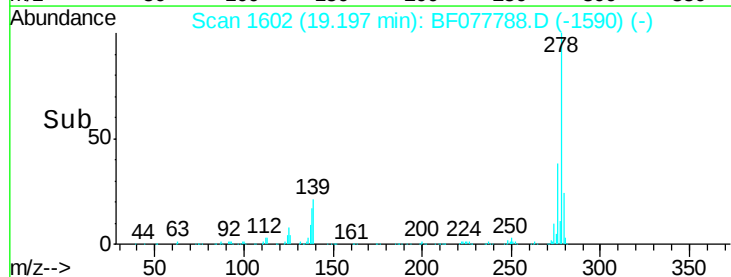
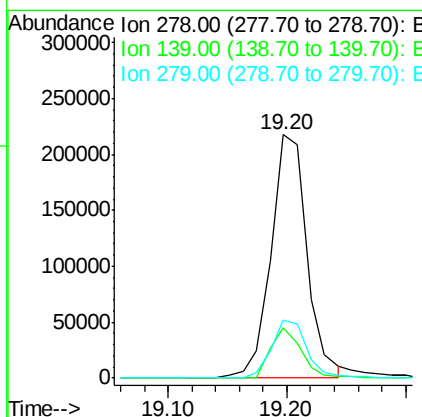
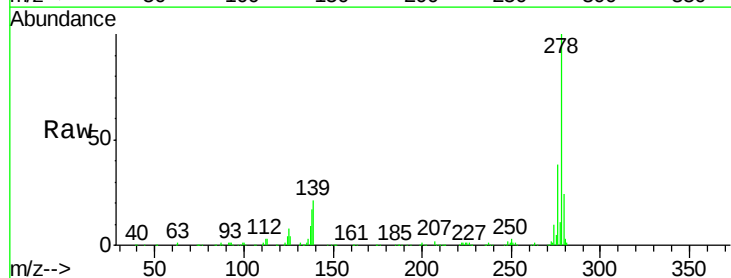
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

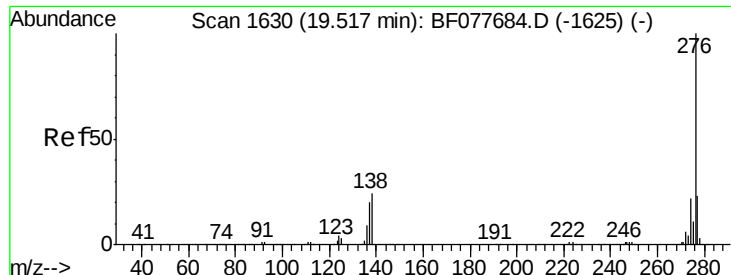
Tot Ion:252 Resp: 480828  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 10.7 7.4 11.2



#90  
Dibenzo(a,h)anthracene  
Concen: 38.08 ng  
RT: 19.20 min Scan# 1602  
Delta R.T. 0.03 min  
Lab File: BF077788.D  
Acq: 17 Mar 2015 23:06

Tgt Ion:278 Resp: 456289  
Ion Ratio Lower Upper  
278 100  
139 20.5 13.4 20.0#  
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.57 ng

RT: 19.59 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BF077788.D

Acq: 17 Mar 2015 23:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

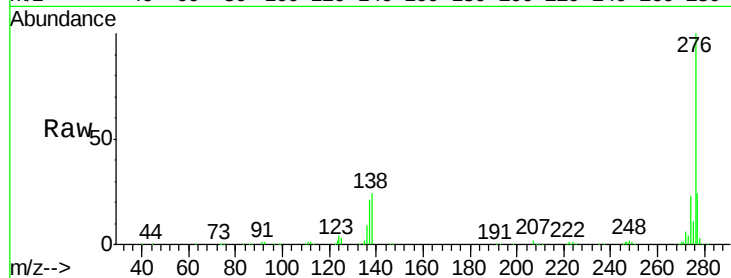
Tot Ion: 276 Resp: 470479

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.6 19.0 28.6



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

