

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021215\  
 Data File : BF077296.D  
 Acq On : 12 Feb 2015 22:17  
 Operator : TP/IZ  
 Sample : G1272-02MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Quant Time: Feb 13 04:36:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 13 03:50:26 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 25648    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.41 | 136  | 109643   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.52 | 164  | 54190    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.44 | 188  | 101902   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 20.95 | 240  | 94954    | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 22.58 | 264  | 84288    | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 4.51  | 112 | 222270 | 134.92 | ng | 0.02  |
| 7) Phenol-d6             | 6.93  | 99  | 264460 | 130.28 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.82  | 82  | 205056 | 106.83 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 78788  | 178.30 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.07 | 172 | 418660 | 116.28 | ng | 0.00  |
| 78) Terphenyl-d14        | 19.69 | 244 | 430807 | 101.91 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 1.05  | 88  | 25154  | 40.65  | ng | 91     |
| 3) Pyridine                    | 1.47  | 79  | 52320  | 31.90  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 1.42  | 42  | 40911  | 49.57  | ng | # 97   |
| 6) Aniline                     | 6.81  | 93  | 24631  | 9.17   | ng | 96     |
| 8) 2-Chlorophenol              | 7.04  | 128 | 83304  | 44.76  | ng | 95     |
| 9) Benzaldehyde                | 6.54  | 77  | 3273   | 2.62   | ng | 89     |
| 10) Phenol                     | 6.97  | 94  | 74050  | 35.49  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 78150  | 47.00  | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.33  | 146 | 90069  | 43.78  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.54  | 146 | 93848  | 44.24  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 89617  | 44.58  | ng | 99     |
| 15) Benzyl Alcohol             | 7.96  | 79  | 74925  | 46.60  | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30  | 45  | 106583 | 45.74  | ng | 92     |
| 17) 2-Methylphenol             | 8.33  | 107 | 63718  | 44.27  | ng | 96     |
| 18) Hexachloroethane           | 8.59  | 117 | 34899  | 45.29  | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 64862  | 45.44  | ng | 94     |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 70694  | 38.10  | ng | 89     |
| 22) Acetophenone               | 8.51  | 105 | 128295 | 48.72  | ng | 99     |
| 24) Nitrobenzene               | 8.85  | 77  | 88908  | 46.72  | ng | 98     |
| 25) Isophorone                 | 9.46  | 82  | 172900 | 49.98  | ng | 97     |
| 26) 2-Nitrophenol              | 9.60  | 139 | 43612  | 46.16  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 75315  | 48.43  | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93  | 105585 | 50.12  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 57017  | 40.13  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 75380  | 46.92  | ng | 100    |
| 31) Naphthalene                | 10.45 | 128 | 288291 | 53.27  | ng | 99     |
| 32) Benzoic acid               | 10.34 | 122 | 18094  | 63.12  | ng | 90     |
| 33) 4-Chloroaniline            | 10.75 | 127 | 15895  | 7.28   | ng | 97     |
| 34) Hexachlorobutadiene        | 10.82 | 225 | 43590  | 47.76  | ng | 99     |
| 35) Caprolactam                | 11.58 | 113 | 12014  | 29.83  | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.05 | 107 | 75192  | 47.30  | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.11 | 142 | 194830 | 48.02  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 73250  | 53.71  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237 | 74796  | 108.21 | ng | 96     |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

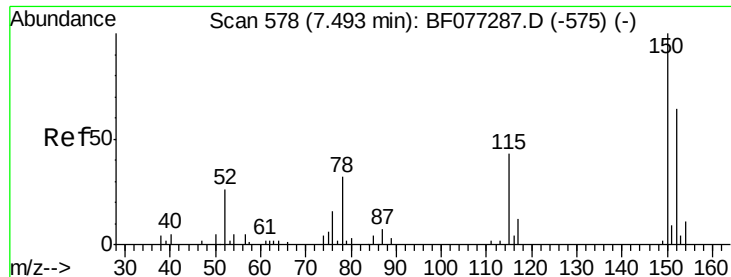
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Quant Time: Feb 13 04:36:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021215.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.88 | 196  | 48299    | 53.76  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 12.99 | 196  | 44805    | 50.88  | ng    | # 91     |
| 45) 1,1'-Biphenyl              | 13.27 | 154  | 219742   | 52.62  | ng    | 100      |
| 46) 2-Chloronaphthalene        | 13.23 | 162  | 173996   | 52.18  | ng    | 97       |
| 47) 2-Nitroaniline             | 13.60 | 65   | 54532    | 55.96  | ng    | 92       |
| 48) Acenaphthylene             | 14.18 | 152  | 282583   | 53.70  | ng    | 100      |
| 49) Dimethylphthalate          | 14.16 | 163  | 213337   | 54.44  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 43422    | 57.31  | ng    | 91       |
| 51) Acenaphthene               | 14.60 | 154  | 158689   | 52.07  | ng    | 97       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 15547    | 16.77  | ng    | # 97     |
| 53) 2,4-Dinitrophenol          | 14.89 | 184  | 33510    | 111.22 | ng    | # 75     |
| 54) Dibenzofuran               | 15.03 | 168  | 245798   | 52.17  | ng    | 97       |
| 55) 4-Nitrophenol              | 15.23 | 139  | 44208    | 98.00  | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 15.19 | 165  | 61411    | 56.62  | ng    | 96       |
| 57) Fluorene                   | 15.80 | 166  | 205367   | 53.24  | ng    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 34170    | 57.60  | ng    | # 100    |
| 59) Diethylphthalate           | 15.83 | 149  | 228013   | 55.87  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 87099    | 54.30  | ng    | 97       |
| 61) 4-Nitroaniline             | 15.99 | 138  | 38027    | 43.99  | ng    | 99       |
| 62) Azobenzene                 | 16.21 | 77   | 225954   | 58.04  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 28558    | 48.20  | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.18 | 169  | 171321   | 47.14  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.80 | 248  | 50425    | 47.35  | ng    | 97       |
| 67) Hexachlorobenzene          | 16.81 | 284  | 52407    | 48.33  | ng    | 89       |
| 68) Atrazine                   | 17.20 | 200  | 57741    | 50.16  | ng    | 93       |
| 69) Pentachlorophenol          | 17.20 | 266  | 37970    | 108.46 | ng    | 94       |
| 70) Phenanthrene               | 17.47 | 178  | 306019   | 49.79  | ng    | 99       |
| 71) Anthracene                 | 17.55 | 178  | 299781   | 48.62  | ng    | 100      |
| 72) Carbazole                  | 17.85 | 167  | 283337   | 48.11  | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.45 | 149  | 379677   | 50.65  | ng    | 99       |
| 74) Fluoranthene               | 19.13 | 202  | 300580   | 47.48  | ng    | 98       |
| 76) Benzidine                  | 19.39 | 184  | 19639    | 5.10   | ng    | 98       |
| 77) Pyrene                     | 19.41 | 202  | 318293   | 50.26  | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.36 | 149  | 174112   | 54.30  | ng    | 91       |
| 80) Benzo(a)anthracene         | 20.95 | 228  | 284694   | 48.71  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 20.96 | 252  | 44357    | 21.64  | ng    | # 97     |
| 82) Chrysene                   | 20.98 | 228  | 264180   | 49.88  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 260718   | 54.65  | ng    | # 99     |
| 84) Di-n-octyl phthalate       | 21.86 | 149  | 443379   | 54.04  | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 22.18 | 252  | 277134   | 46.17  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.18 | 252  | 277134   | 61.13  | ng    | 98       |
| 89) Benzo(a)pyrene             | 22.52 | 252  | 246928   | 49.41  | ng    | # 97     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

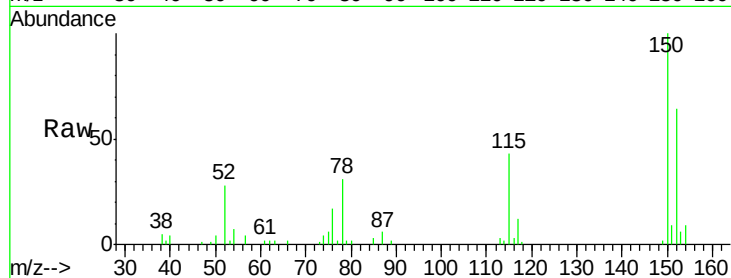
Tgt Ion:152 Resp: 25648

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

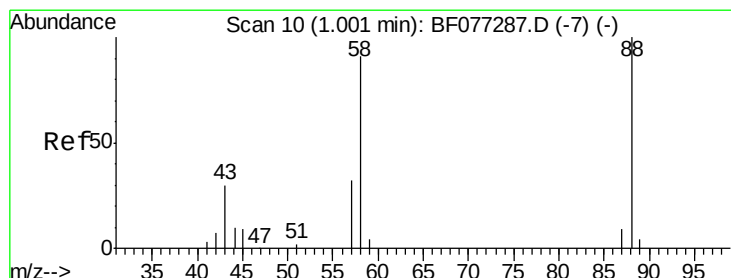
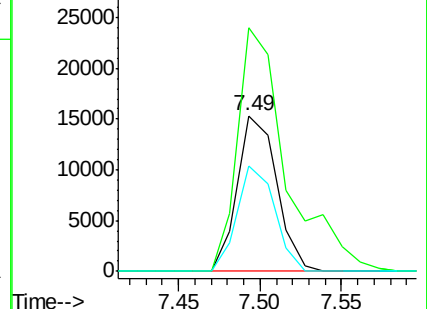
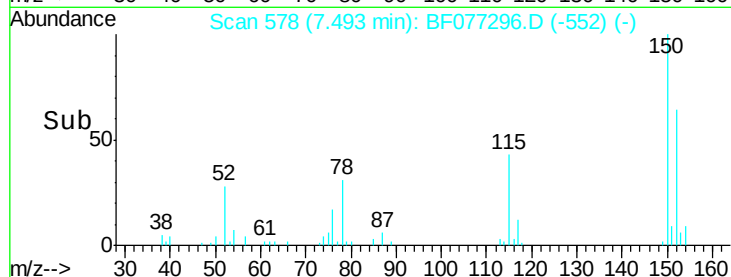
115 67.5 54.1 81.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.65 ng

RT: 1.05 min Scan# 14

Delta R.T. 0.05 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

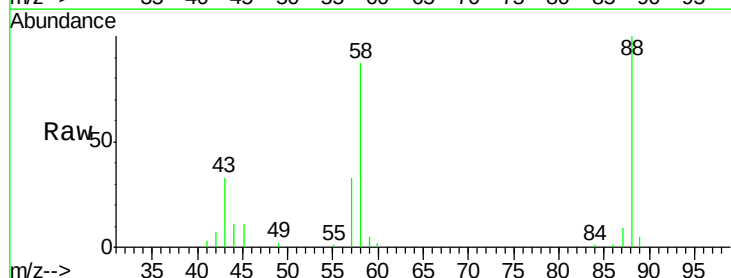
Tgt Ion: 88 Resp: 25154

Ion Ratio Lower Upper

88 100

58 86.7 77.0 115.6

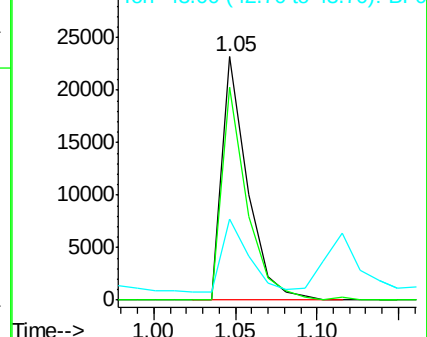
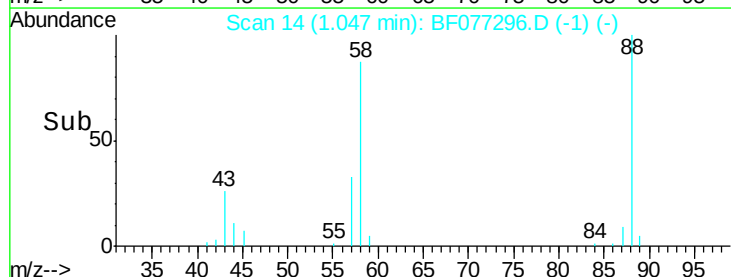
43 31.7 28.1 42.1

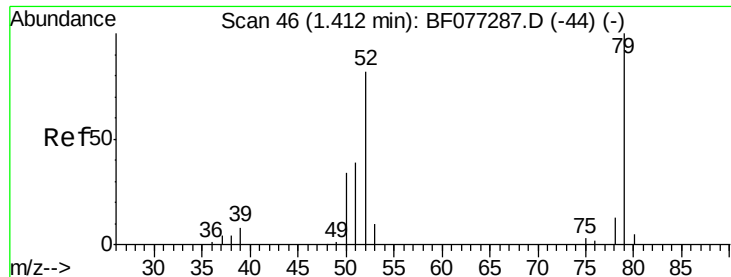


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.90 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.06 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

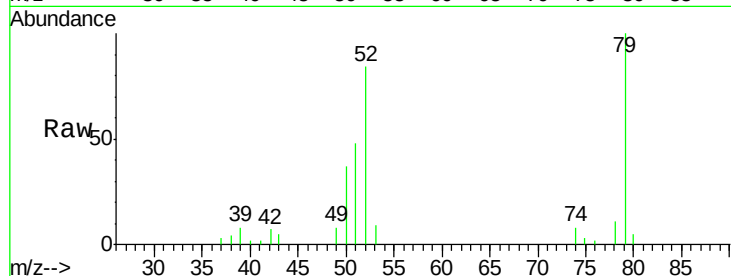
Tgt Ion: 79 Resp: 52320

Ion Ratio Lower Upper

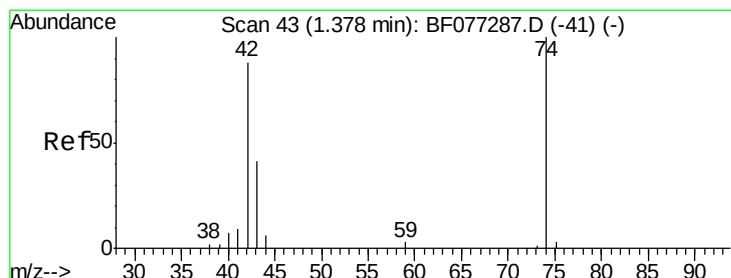
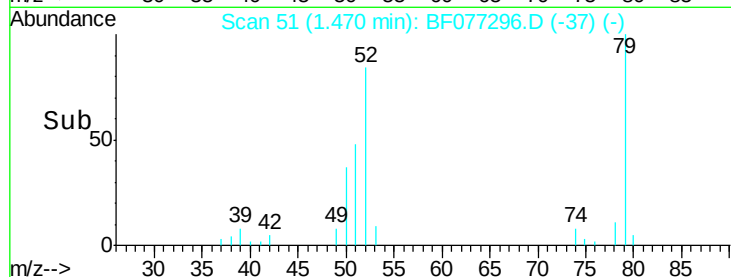
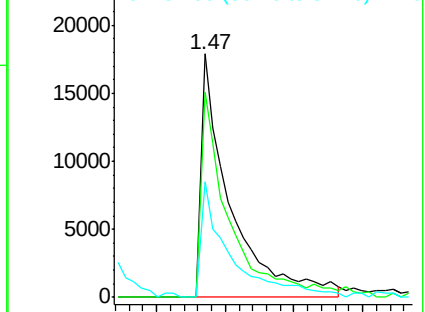
79 100

52 84.3 65.3 97.9

51 47.7 35.4 53.0



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: 49.57 ng

RT: 1.42 min Scan# 47

Delta R.T. 0.05 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

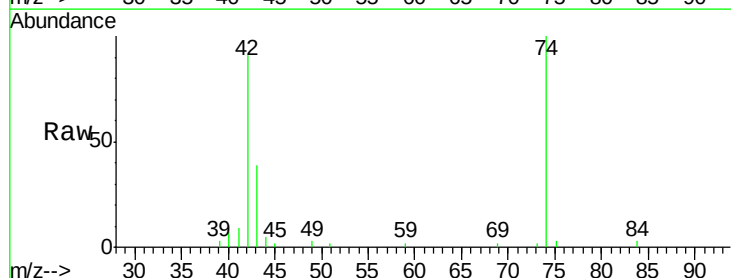
Tgt Ion: 42 Resp: 40911

Ion Ratio Lower Upper

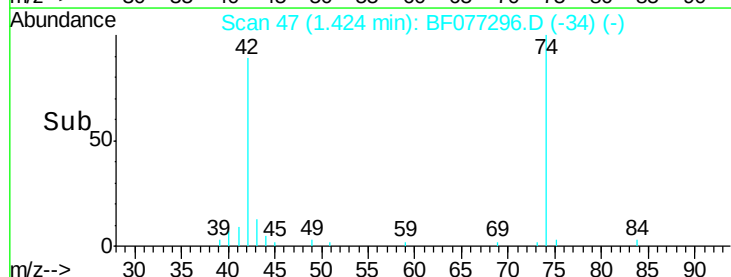
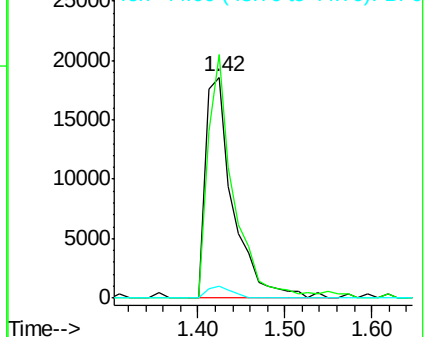
42 100

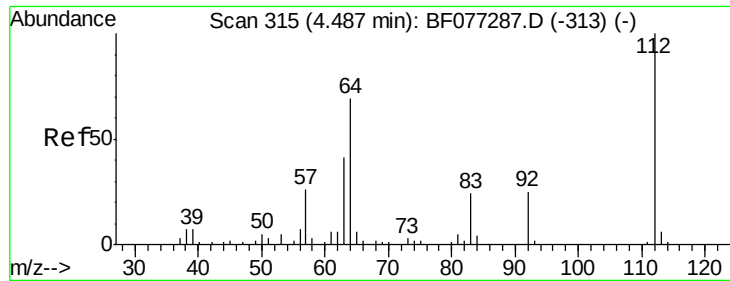
74 110.2 90.8 136.2

44 5.4 5.8 8.6#



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: 134.92 ng

RT: 4.51 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

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ClientSampleId :

WC-1MS

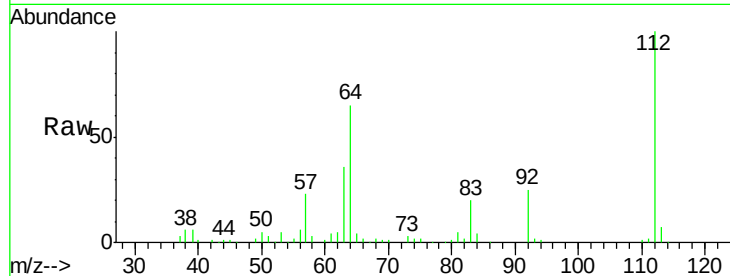
Tgt Ion: 112 Resp: 222270

Ion Ratio Lower Upper

112 100

64 64.8 55.0 82.4

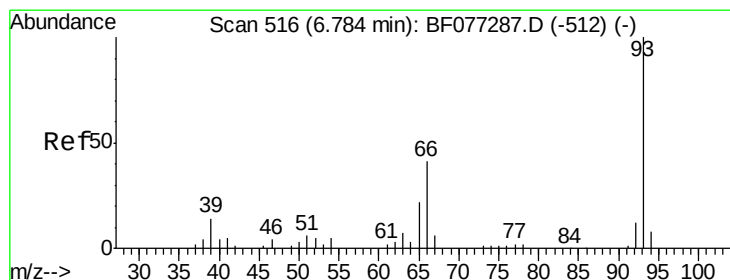
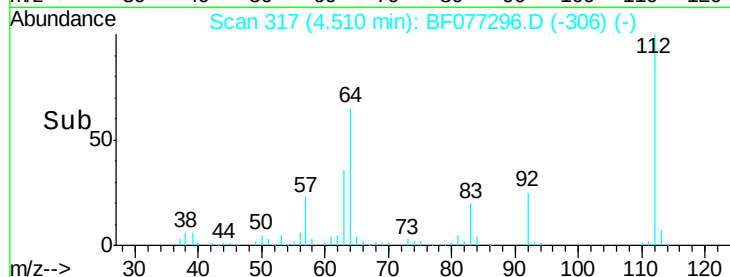
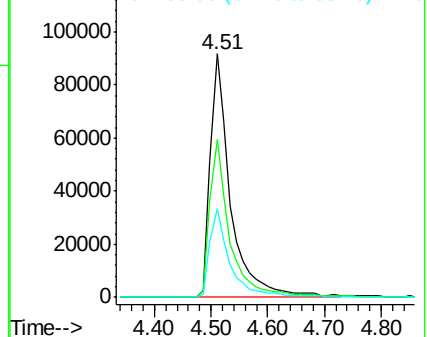
63 36.5 33.0 49.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.17 ng

RT: 6.81 min Scan# 518

Delta R.T. 0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

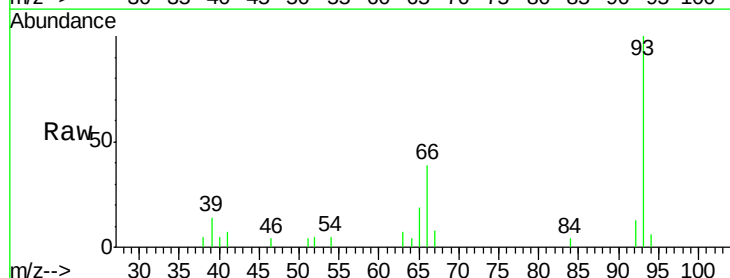
Tgt Ion: 93 Resp: 24631

Ion Ratio Lower Upper

93 100

66 39.4 33.1 49.7

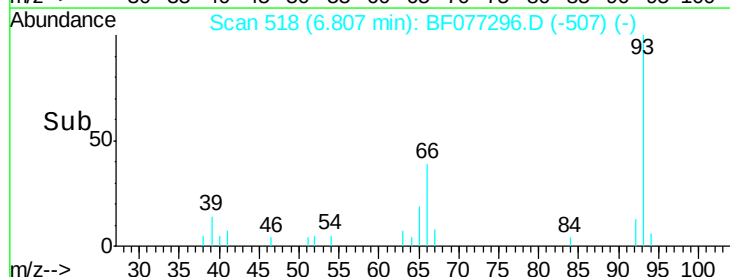
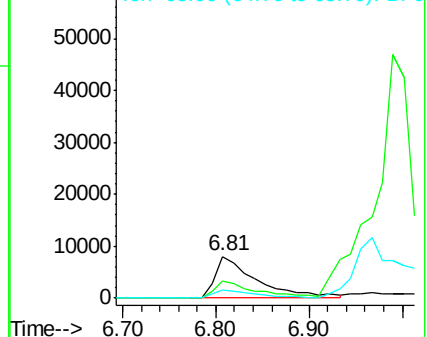
65 18.6 17.2 25.8

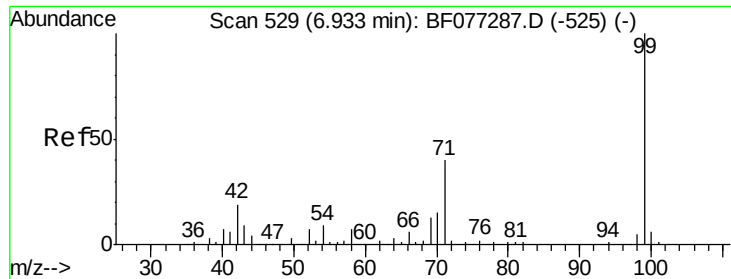


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.28 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077296.D

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ClientSampleId :

WC-1MS

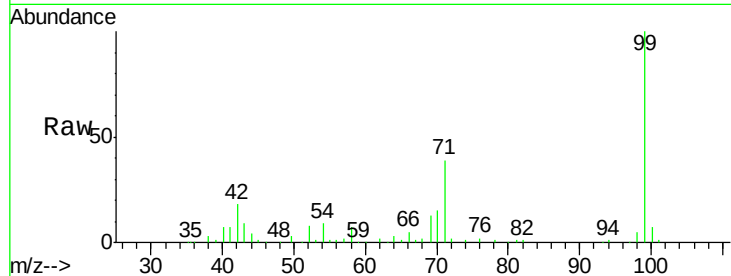
Tgt Ion: 99 Resp: 264460

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

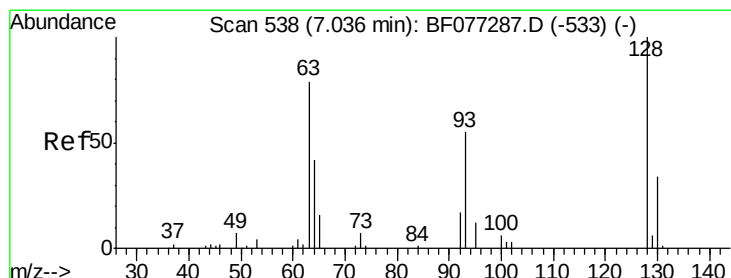
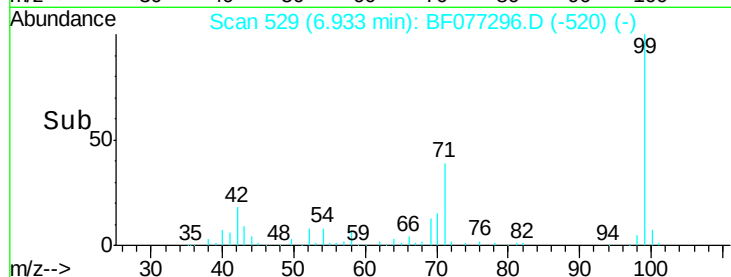
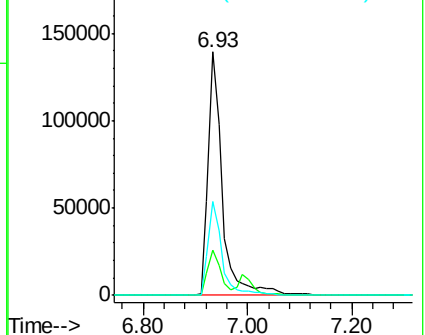
71 38.7 31.8 47.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.76 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

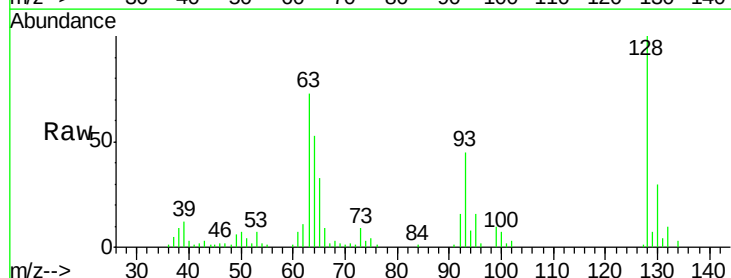
Tgt Ion: 128 Resp: 83304

Ion Ratio Lower Upper

128 100

130 30.2 14.4 54.4

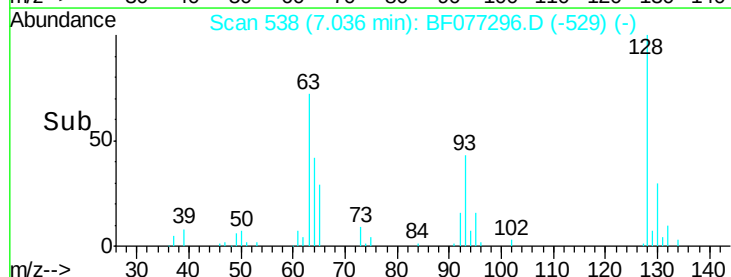
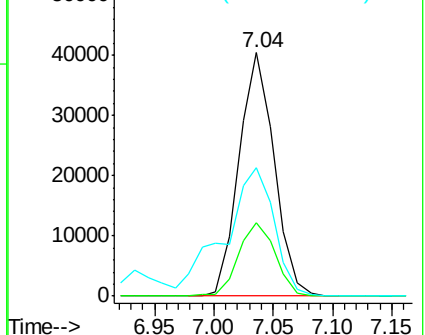
64 52.9 30.4 70.4

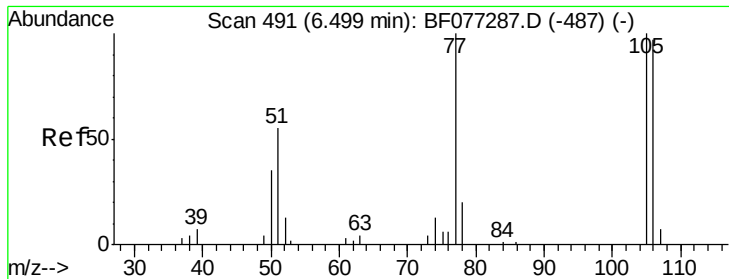


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.05 min

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BNA\_F

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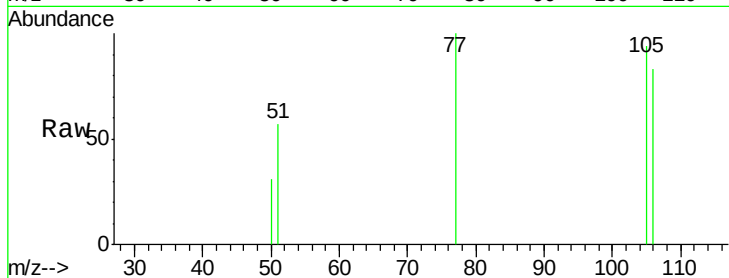
Tgt Ion: 77 Resp: 3273

Ion Ratio Lower Upper

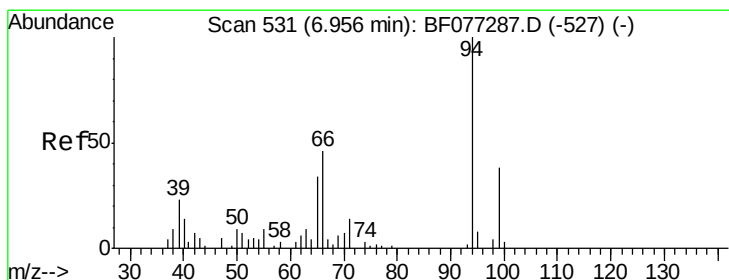
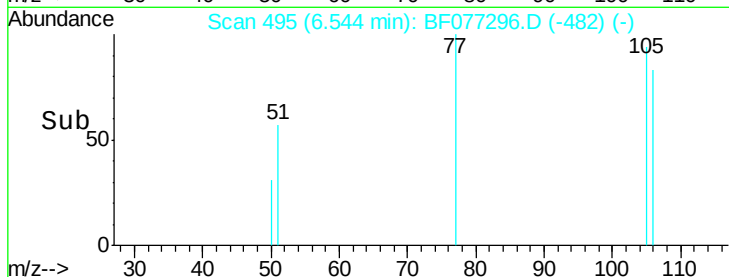
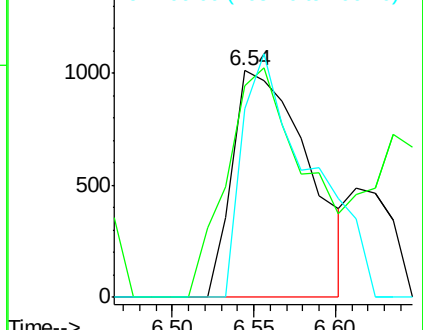
77 100

105 93.6 80.4 120.4

106 83.1 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): B  
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 35.49 ng

RT: 6.97 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

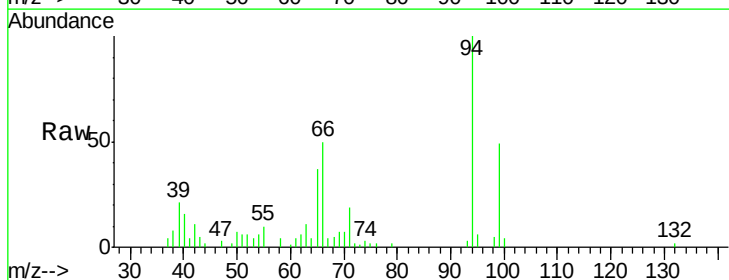
Tgt Ion: 94 Resp: 74050

Ion Ratio Lower Upper

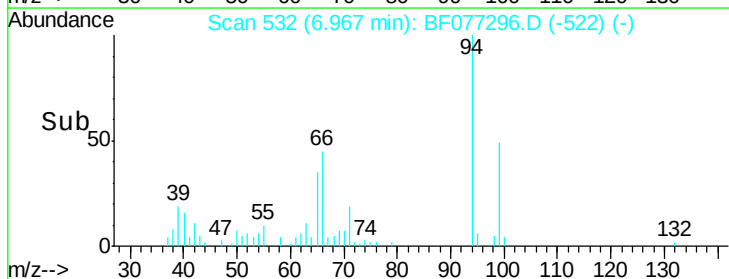
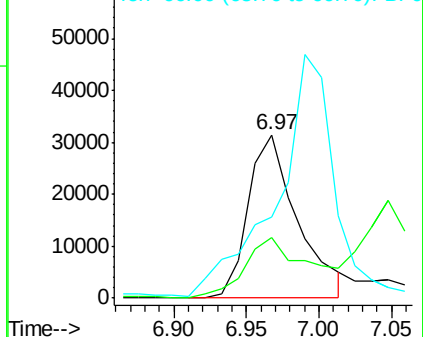
94 100

65 37.3 14.2 54.2

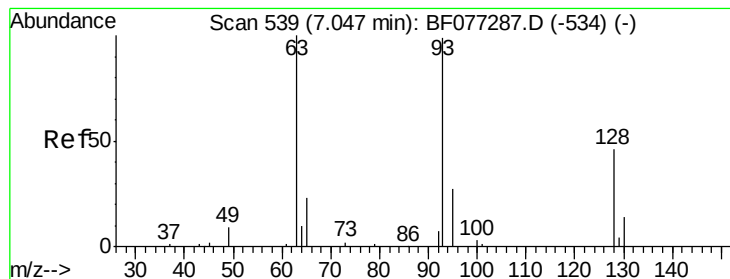
66 49.8 25.7 65.7



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



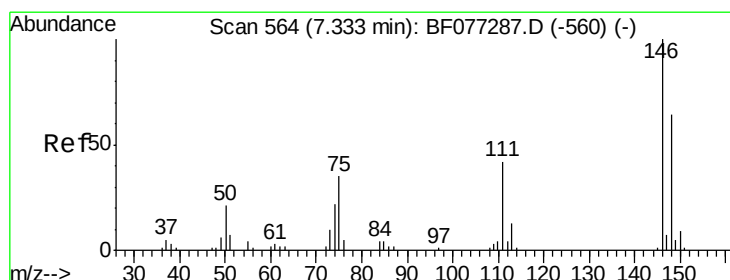
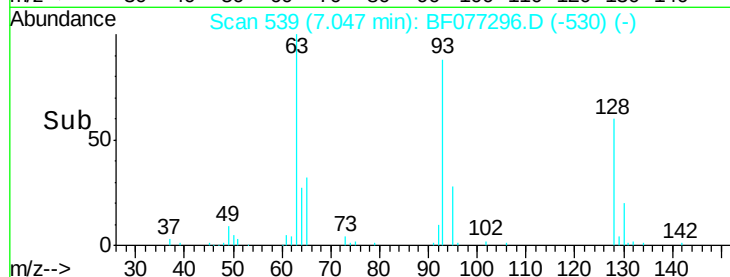
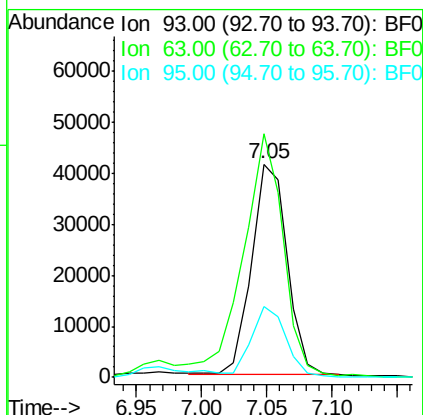
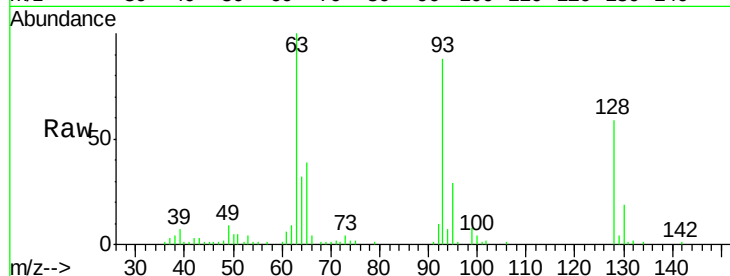




#11  
bis(2-Chloroethyl)ether  
Concen: 47.00 ng  
RT: 7.05 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

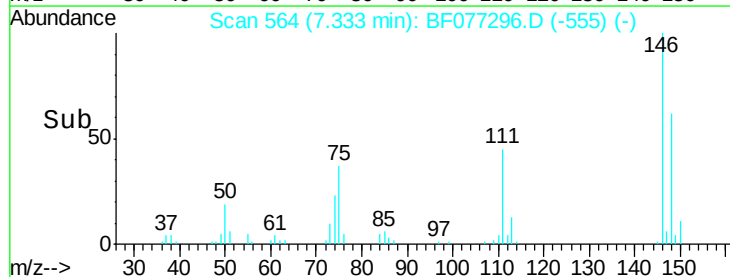
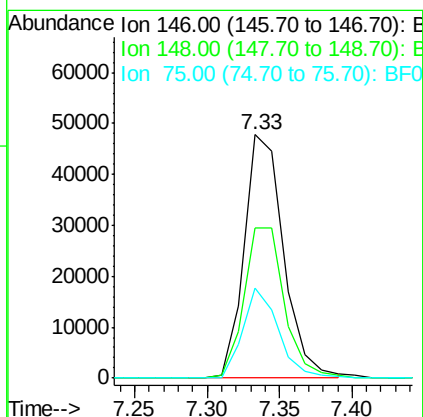
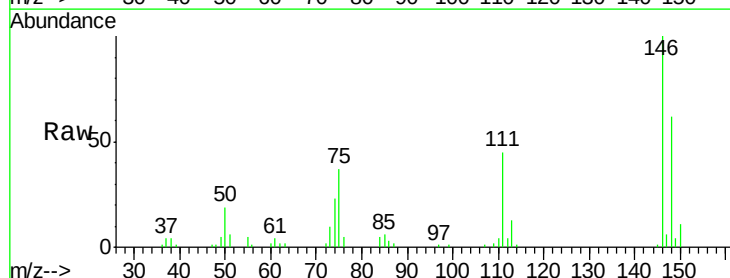
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

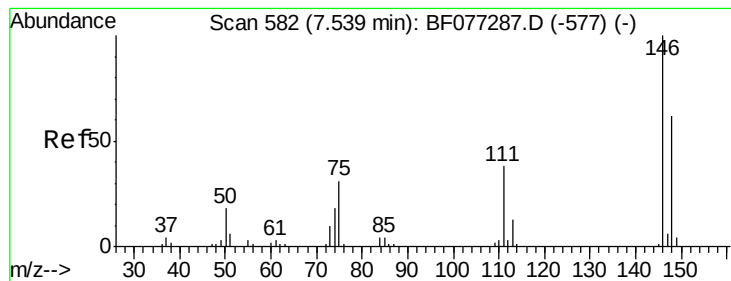
Tgt Ion: 93 Resp: 78150  
Ion Ratio Lower Upper  
93 100  
63 114.1 86.6 126.6  
95 33.0 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 43.78 ng  
RT: 7.33 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion: 146 Resp: 90069  
Ion Ratio Lower Upper  
146 100  
148 61.8 50.9 76.3  
75 36.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.24 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

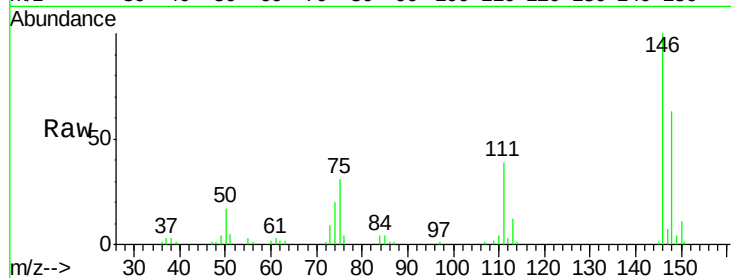
Tgt Ion:146 Resp: 93848

Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

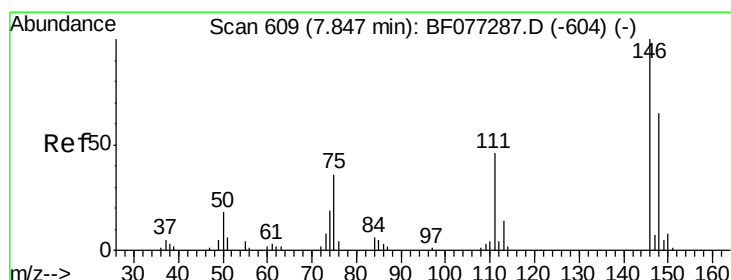
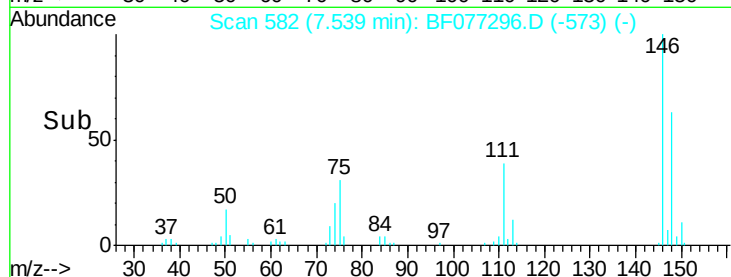
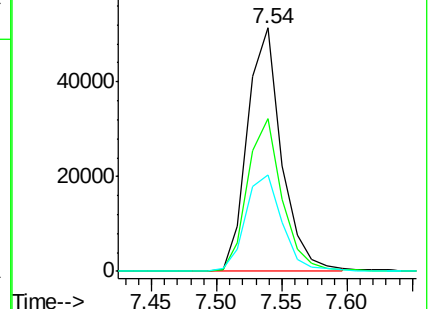
111 39.5 30.2 45.2



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: 44.58 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

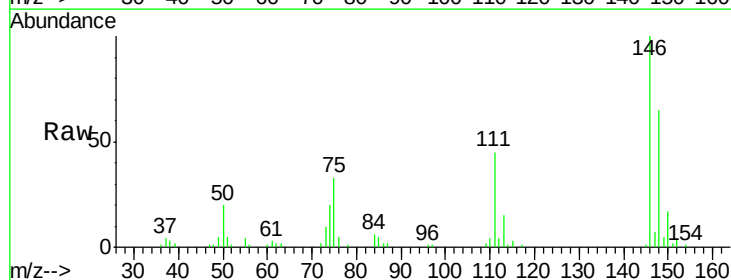
Tgt Ion:146 Resp: 89617

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

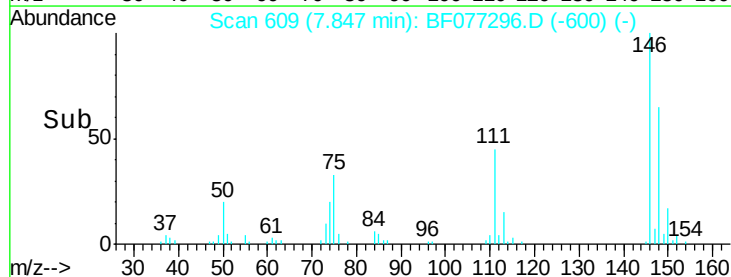
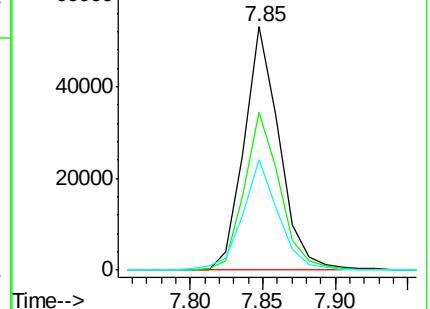
111 45.2 37.0 55.4

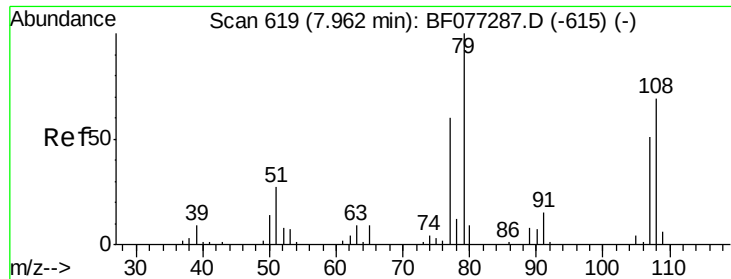


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

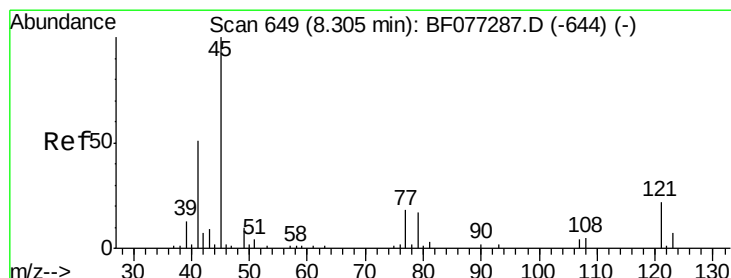
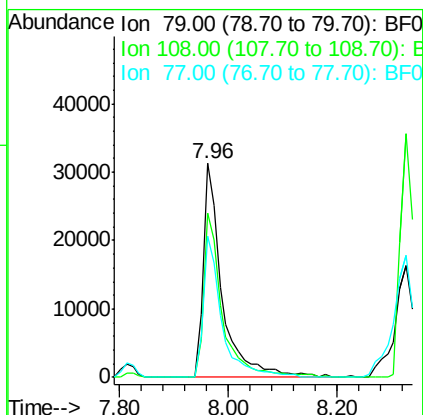
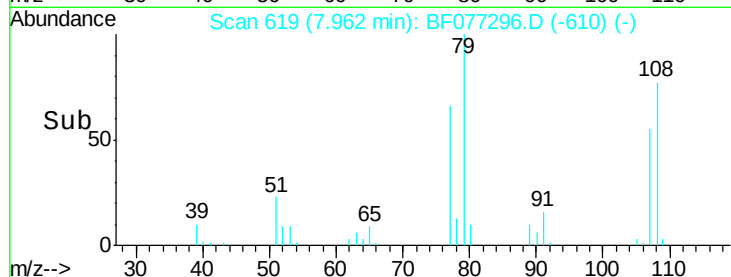
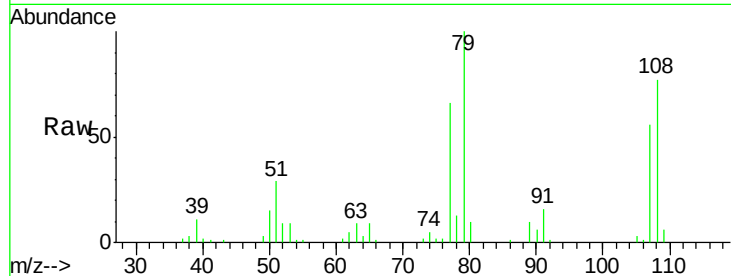




#15  
Benzyl Alcohol  
Concen: 46.60 ng  
RT: 7.96 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

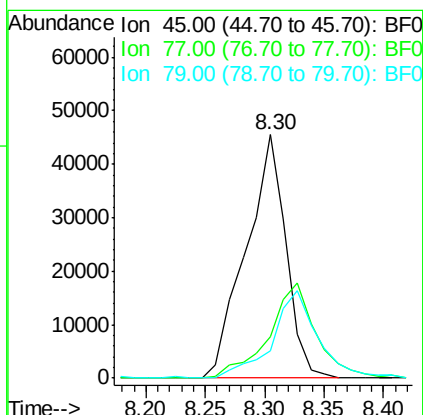
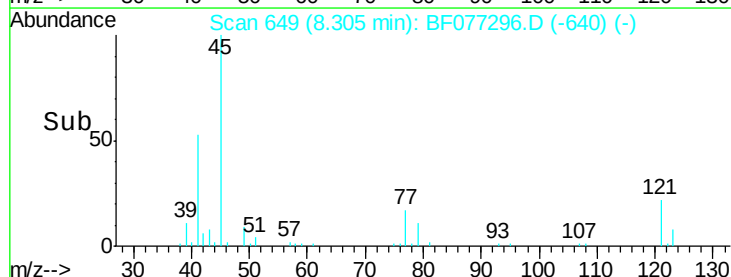
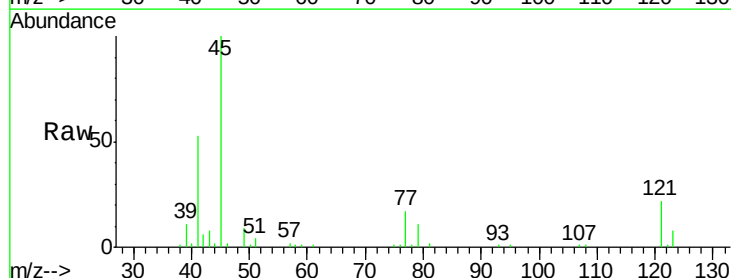
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

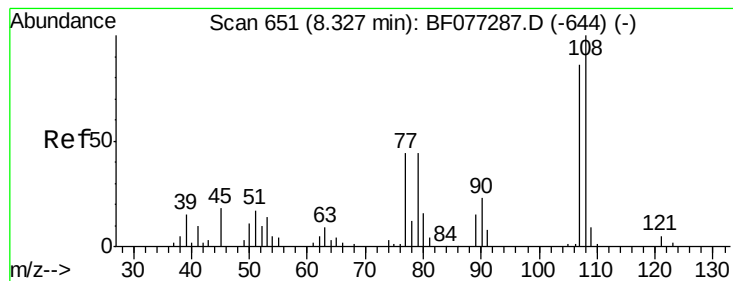
Tgt Ion: 79 Resp: 74925  
Ion Ratio Lower Upper  
79 100  
108 76.7 54.8 82.2  
77 65.9 48.0 72.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.74 ng  
RT: 8.30 min Scan# 649  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion: 45 Resp: 106583  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 38.2  
79 11.1 0.0 37.0

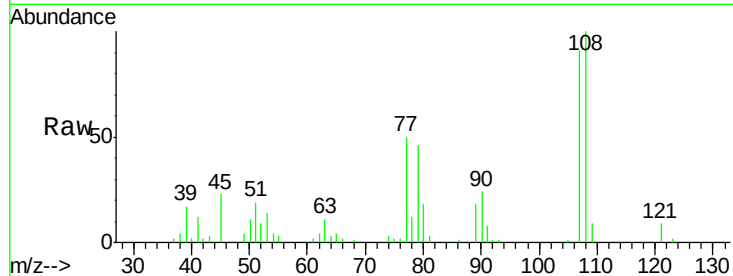




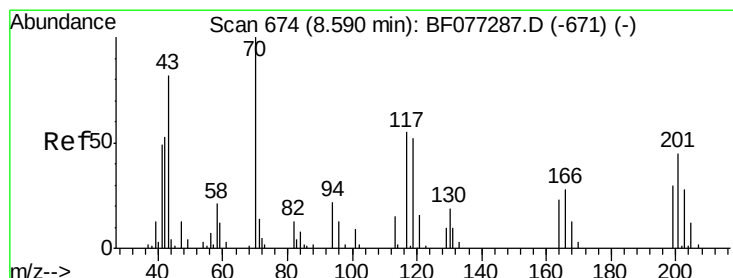
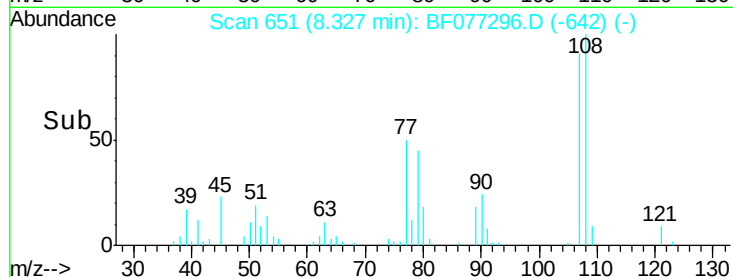
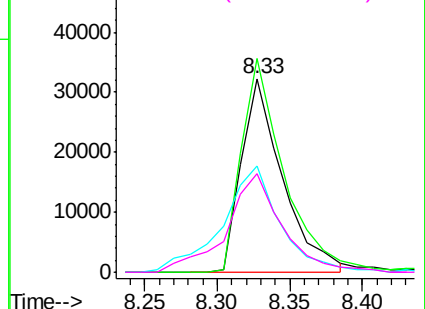
#17  
2-Methylphenol  
Concen: 44.27 ng  
RT: 8.33 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:107 Resp: 63718  
Ion Ratio Lower Upper  
107 100  
108 110.3 93.2 139.8  
77 55.0 41.3 61.9  
79 50.7 40.9 61.3

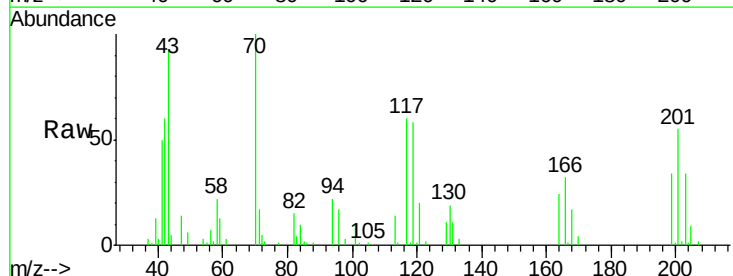


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

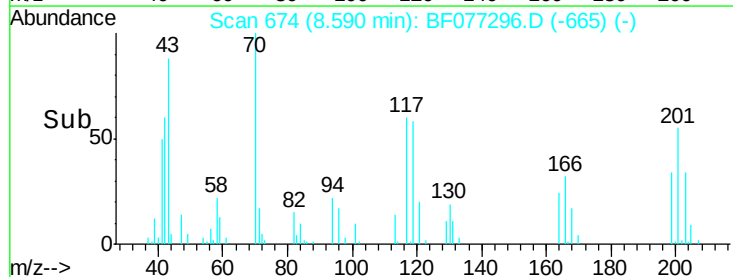
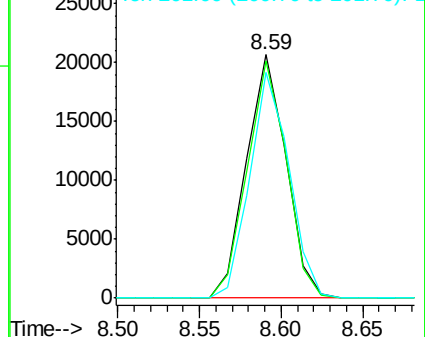


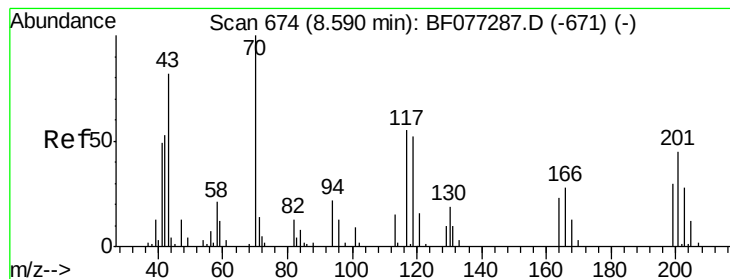
#18  
Hexachloroethane  
Concen: 45.29 ng  
RT: 8.59 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:117 Resp: 34899  
Ion Ratio Lower Upper  
117 100  
119 97.2 75.5 113.3  
201 92.5 64.3 96.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.44 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion: 70 Resp: 64862

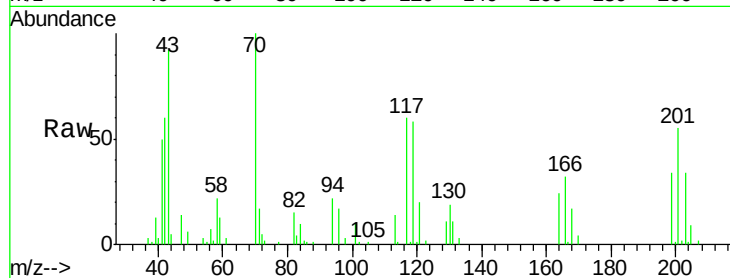
Ion Ratio Lower Upper

70 100

42 60.0 42.8 64.2

101 9.8 7.4 11.2

130 18.7 15.4 23.0

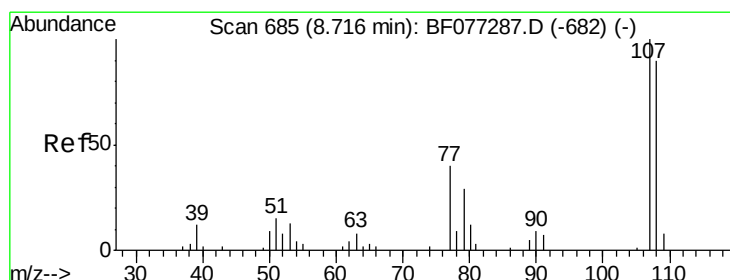
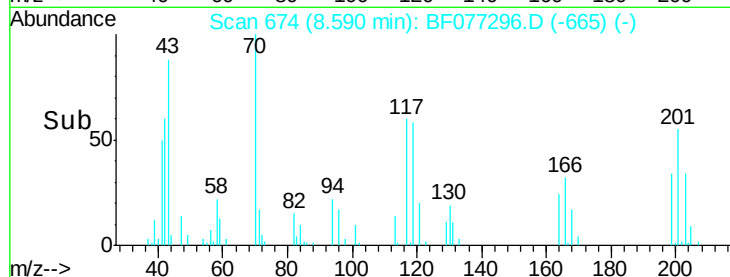
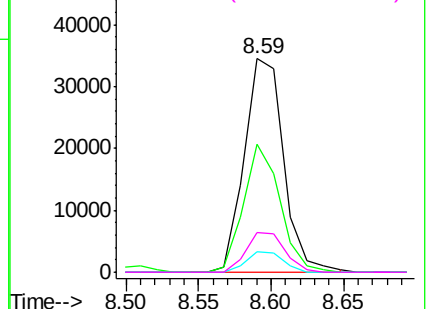


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.10 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Tgt Ion: 107 Resp: 70694

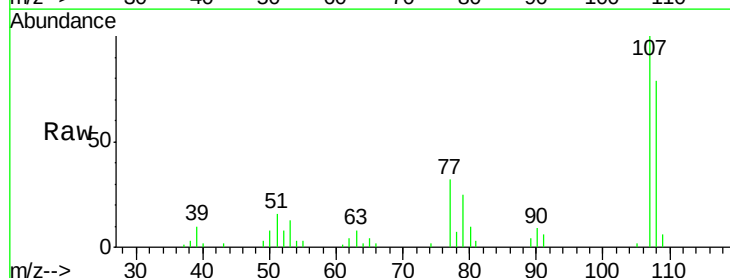
Ion Ratio Lower Upper

107 100

108 79.1 69.7 109.7

77 31.5 19.5 59.5

79 25.5 8.9 48.9

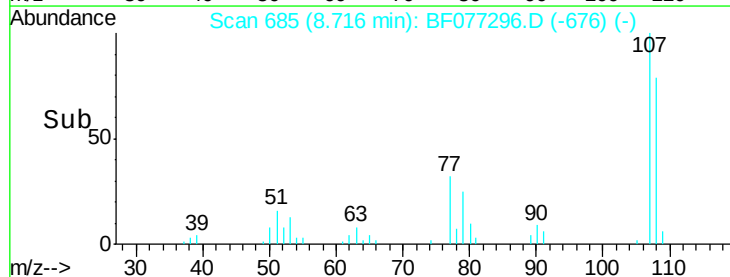
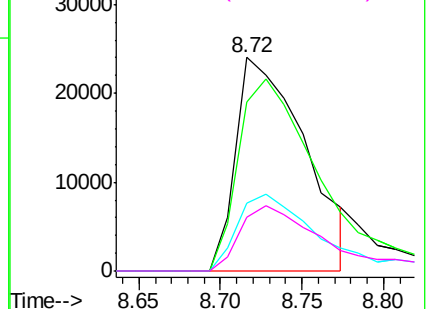


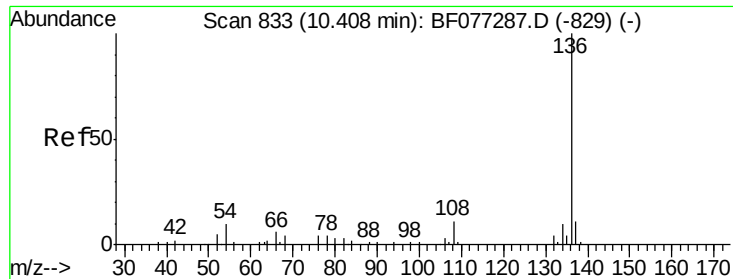
Abundance Ion 107.00 (106.70 to 107.70): E

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

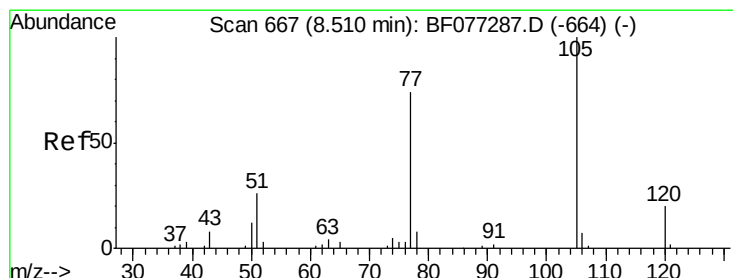
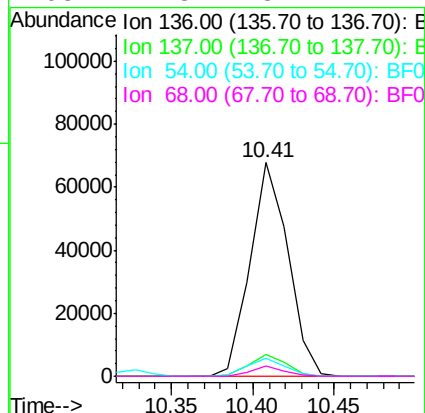
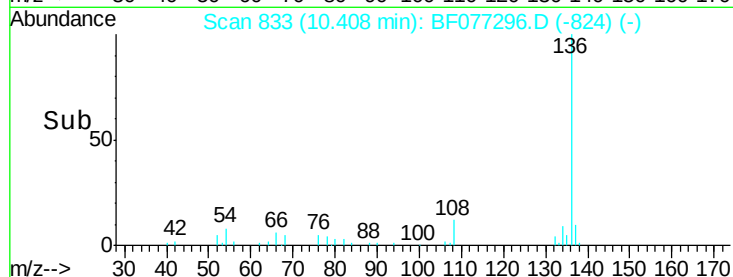
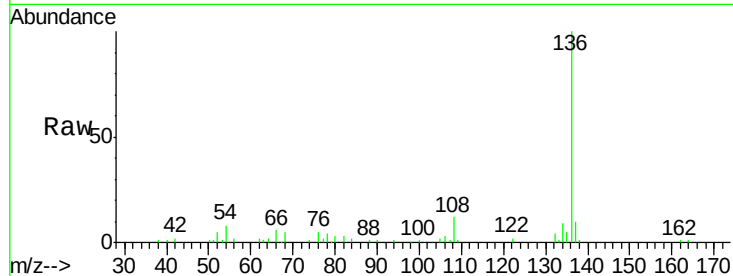




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.41 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

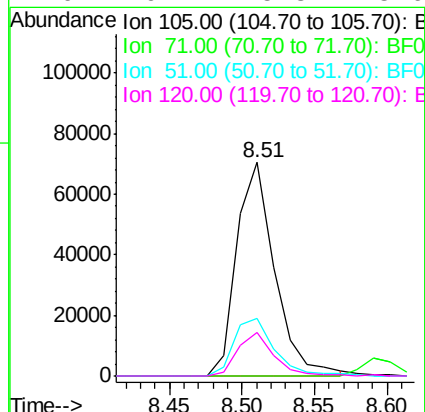
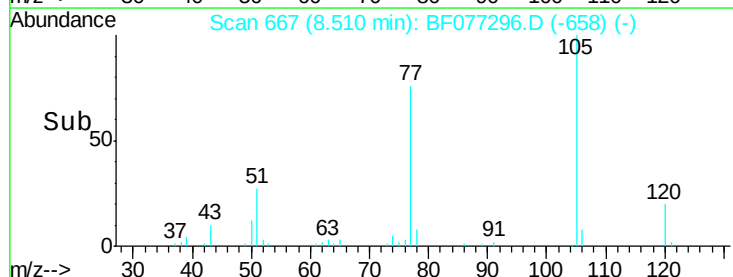
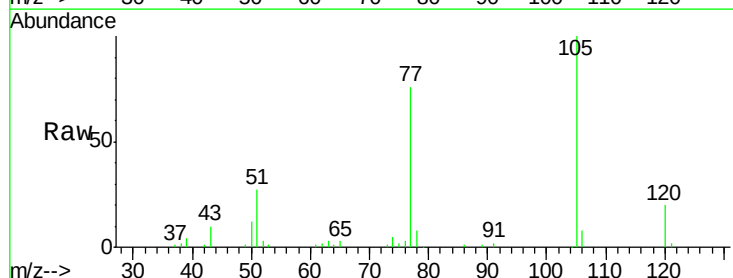
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

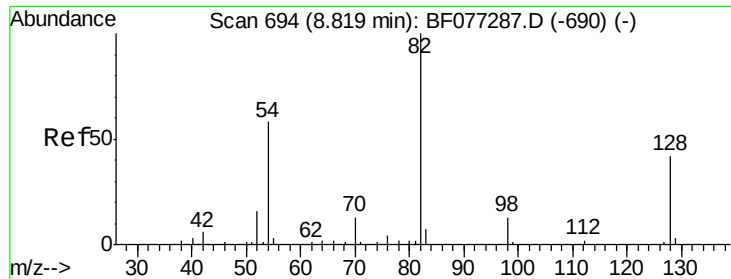
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 109643 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.1  | 8.7   | 13.1   |
| 54       | 8.4   | 8.2   | 12.2   |
| 68       | 4.8   | 3.1   | 4.7#   |



#22  
Acetophenone  
Concen: 48.72 ng  
RT: 8.51 min Scan# 667  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 128295 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.0   | 0.0   | 0.0    |
| 51       | 27.2  | 21.0  | 31.6   |
| 120      | 20.1  | 15.8  | 23.6   |

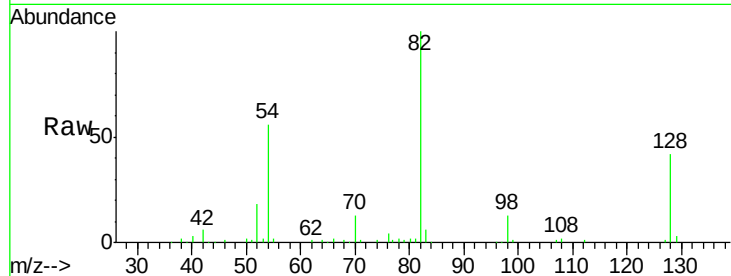




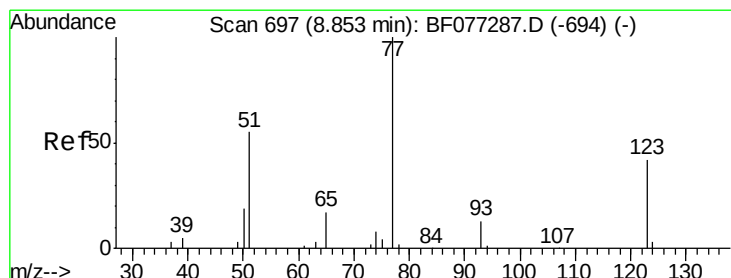
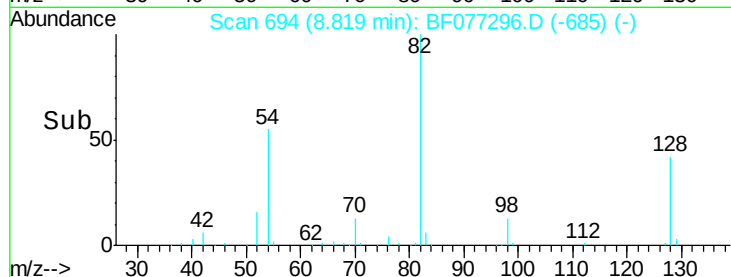
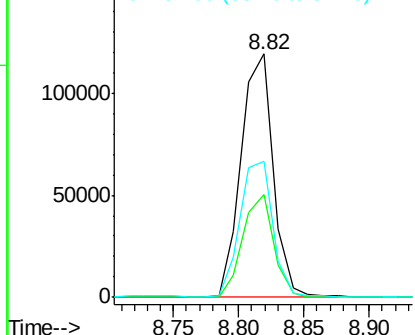
#23  
 Nitrobenzene-d5  
 Concen: 106.83 ng  
 RT: 8.82 min Scan# 694  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tgt Ion: 82 Resp: 205056  
 Ion Ratio Lower Upper  
 82 100  
 128 42.0 33.6 50.4  
 54 56.1 46.2 69.2

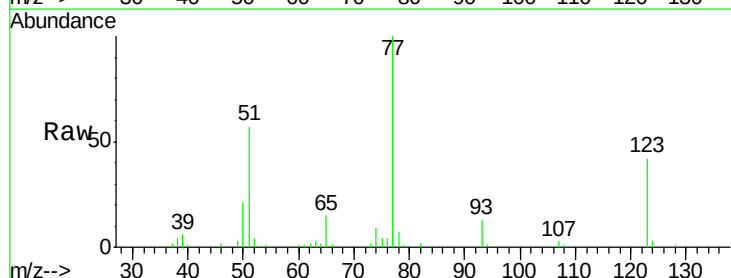


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

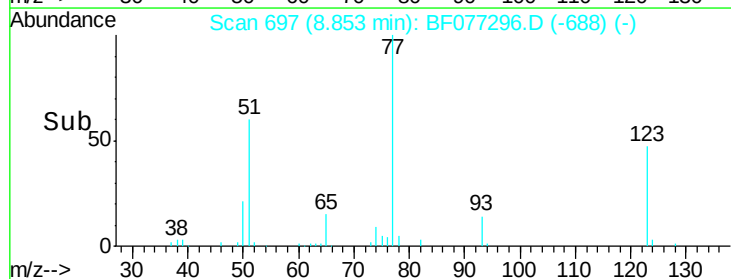
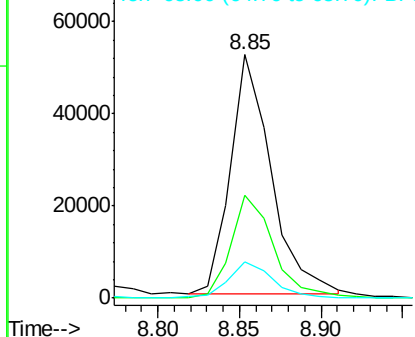


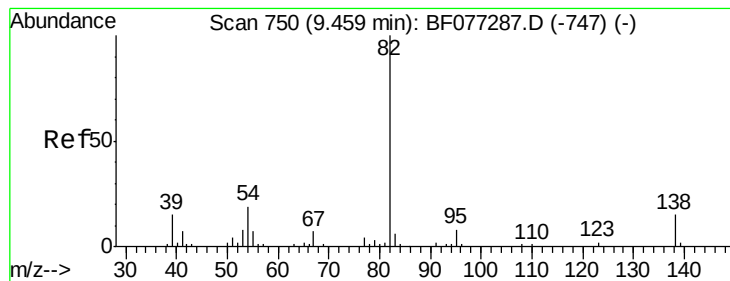
#24  
 Nitrobenzene  
 Concen: 46.72 ng  
 RT: 8.85 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion: 77 Resp: 88908  
 Ion Ratio Lower Upper  
 77 100  
 123 42.5 33.1 49.7  
 65 15.1 13.0 19.6



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: 49.98 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

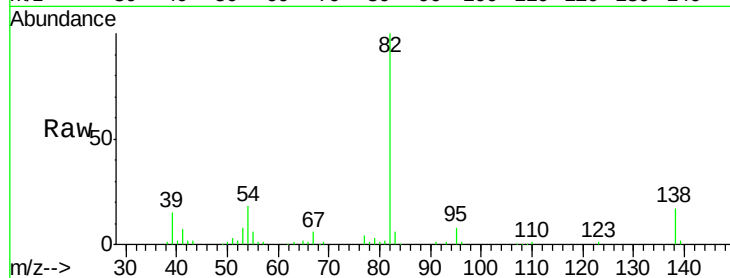
Tgt Ion: 82 Resp: 172900

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

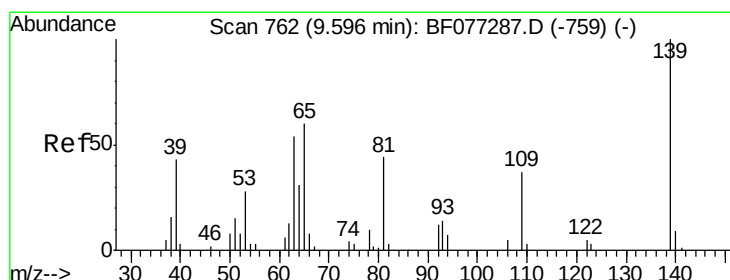
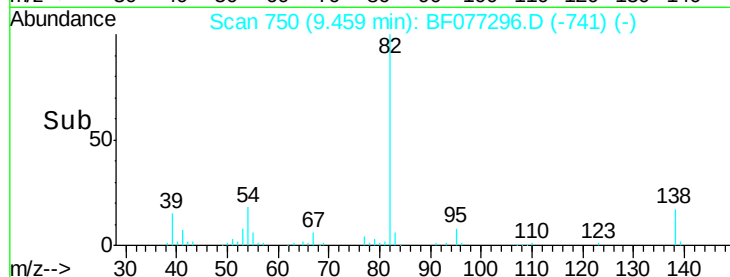
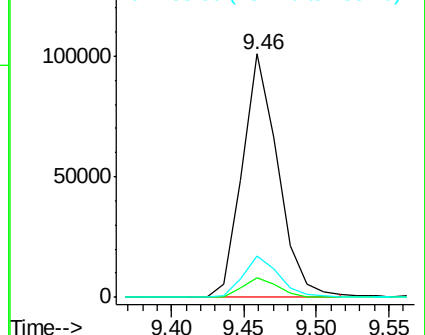
138 16.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.16 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

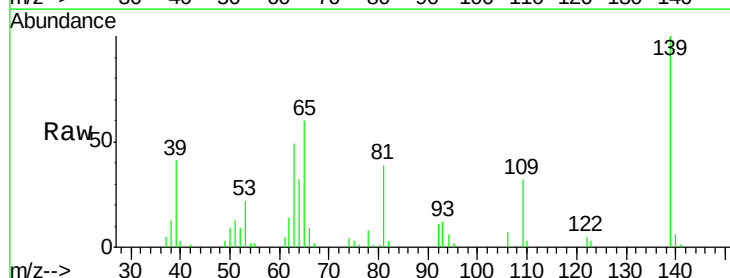
Tgt Ion: 139 Resp: 43612

Ion Ratio Lower Upper

139 100

109 32.5 29.4 44.2

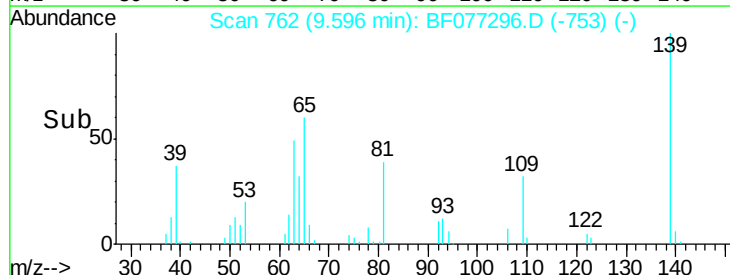
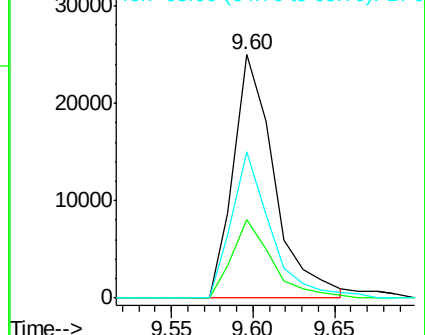
65 59.9 47.9 71.9



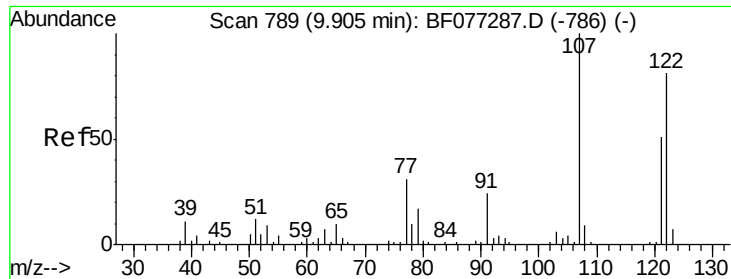
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



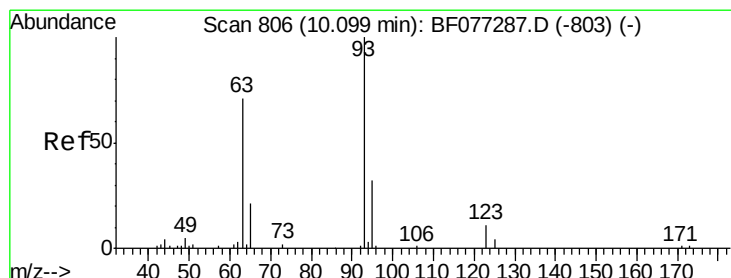
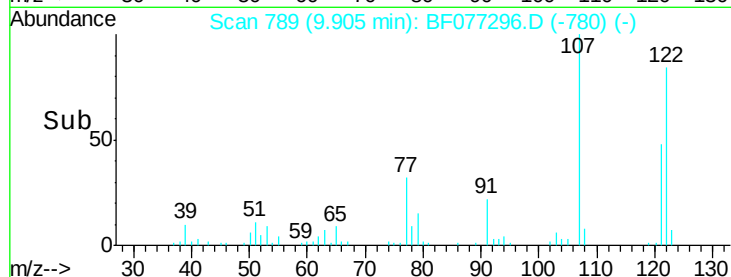
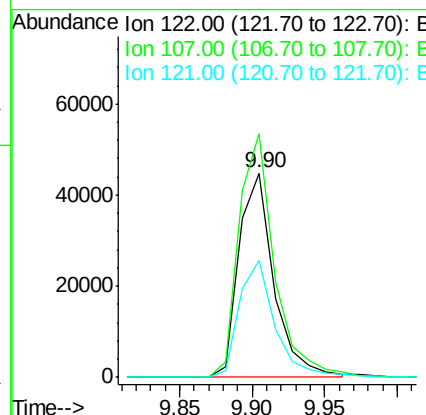
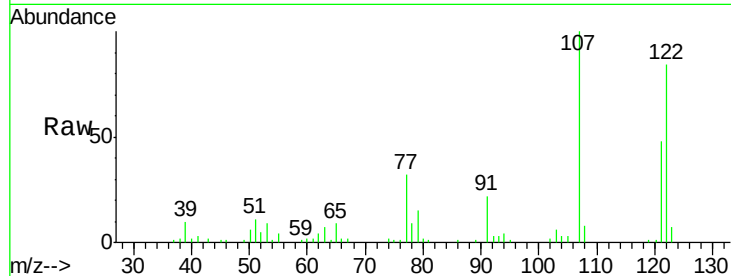




#27  
 2,4-Dimethylphenol  
 Concen: 48.43 ng  
 RT: 9.90 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

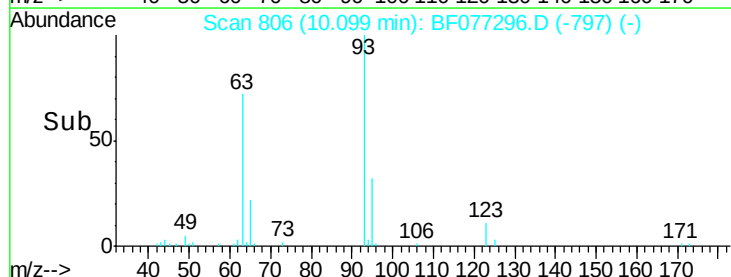
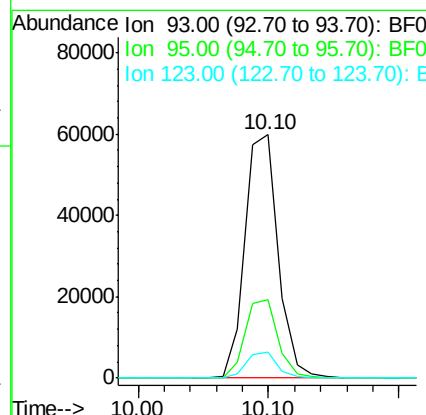
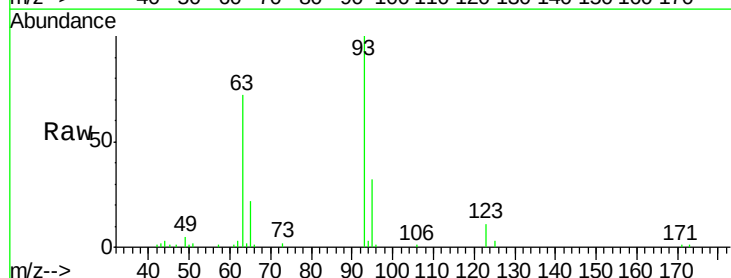
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

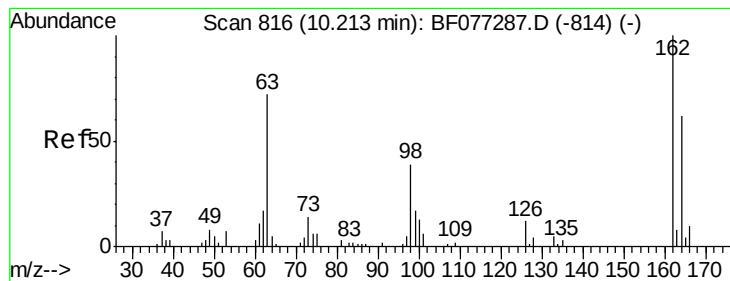
Tgt Ion: 122 Resp: 75315  
 Ion Ratio Lower Upper  
 122 100  
 107 119.2 99.1 148.7  
 121 57.5 50.2 75.2



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.12 ng  
 RT: 10.10 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion: 93 Resp: 105585  
 Ion Ratio Lower Upper  
 93 100  
 95 32.4 25.4 38.2  
 123 10.8 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 40.13 ng

RT: 10.22 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

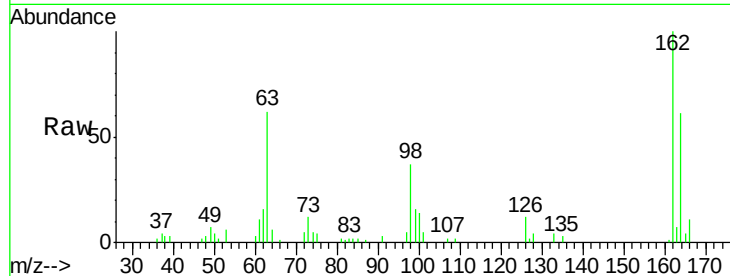
Tgt Ion:162 Resp: 57017

Ion Ratio Lower Upper

162 100

164 60.8 41.9 81.9

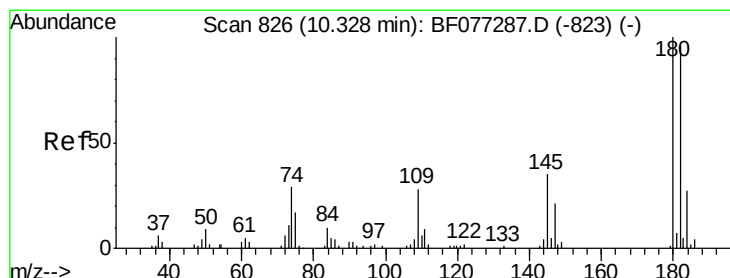
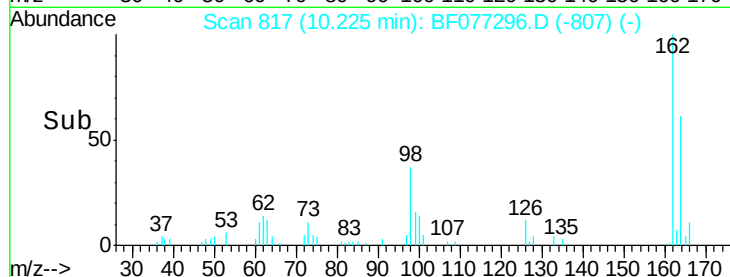
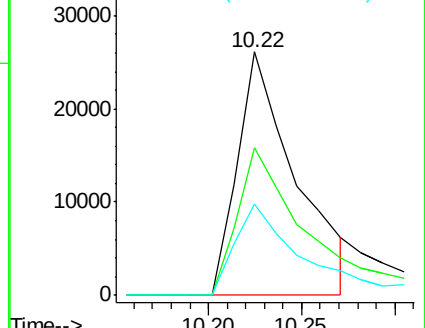
98 37.4 19.3 59.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 46.92 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

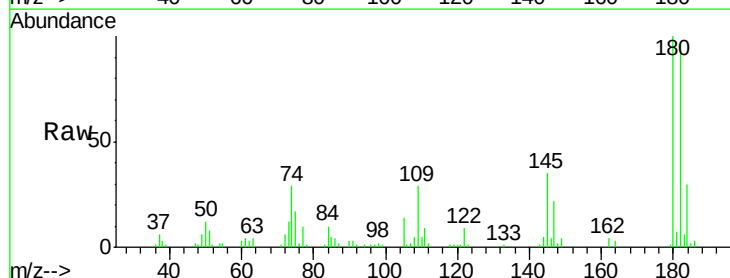
Tgt Ion:180 Resp: 75380

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

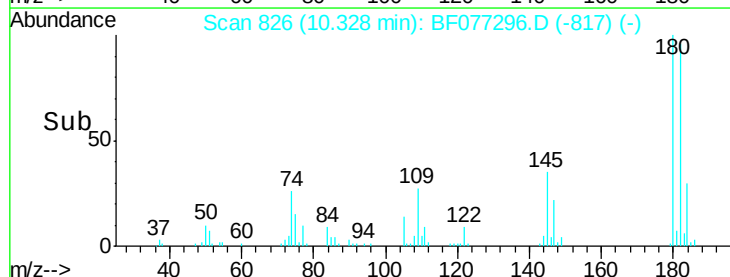
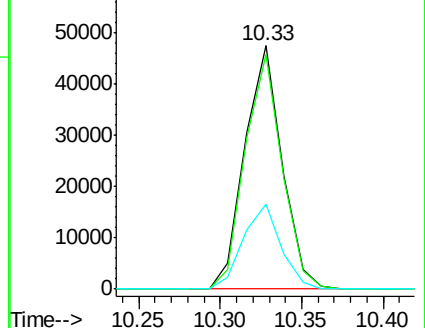
145 34.8 27.9 41.9

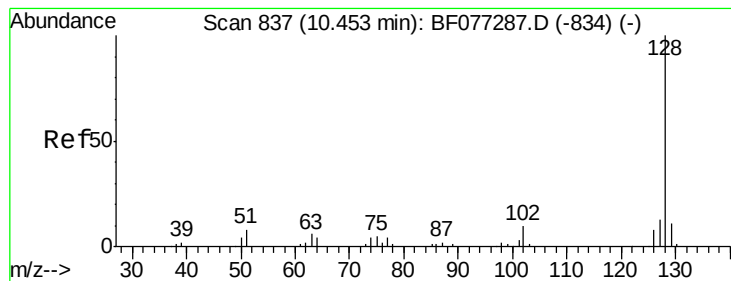


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 53.27 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

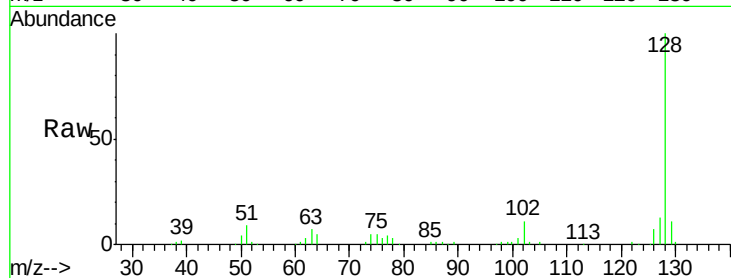
Tgt Ion:128 Resp: 288291

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

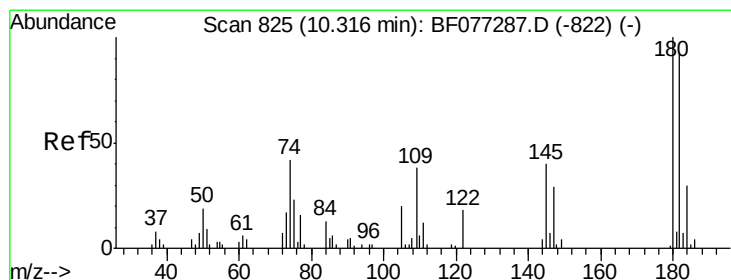
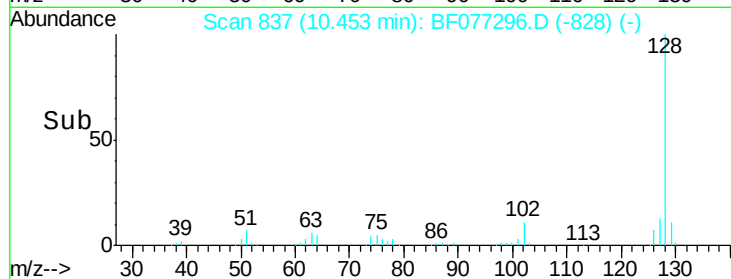
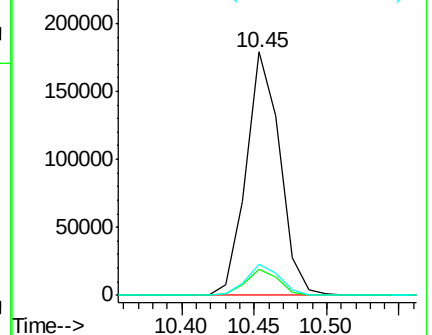
127 12.9 10.4 15.6



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: 63.12 ng

RT: 10.34 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

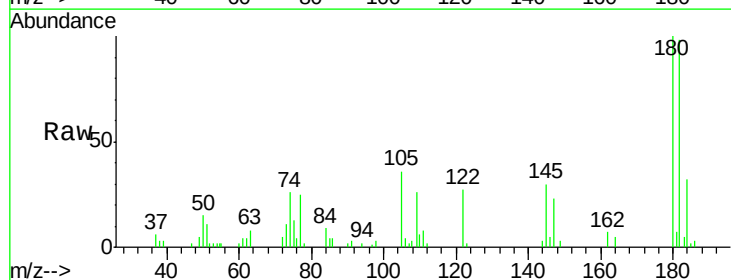
Tgt Ion:122 Resp: 18094

Ion Ratio Lower Upper

122 100

105 131.9 93.4 133.4

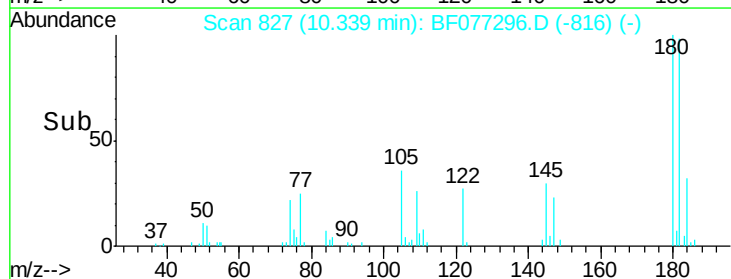
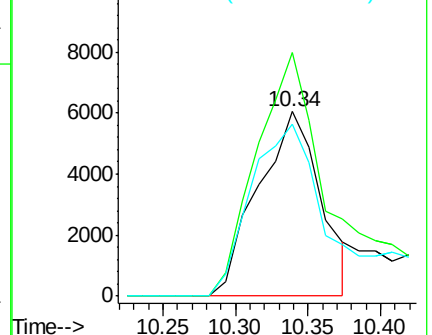
77 92.9 72.6 112.6

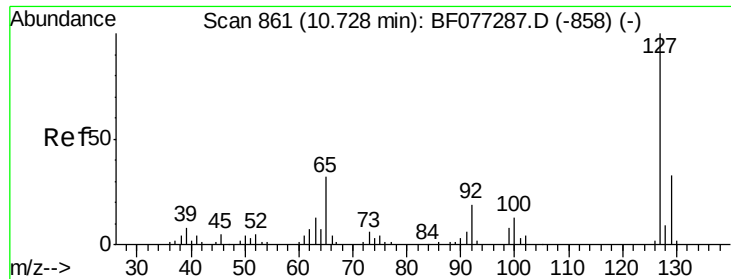


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

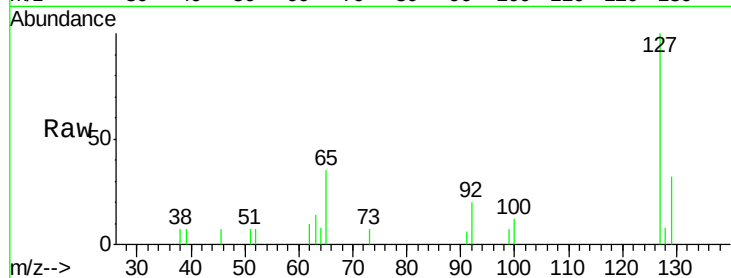




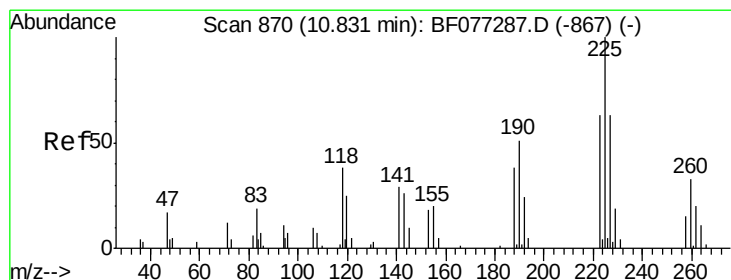
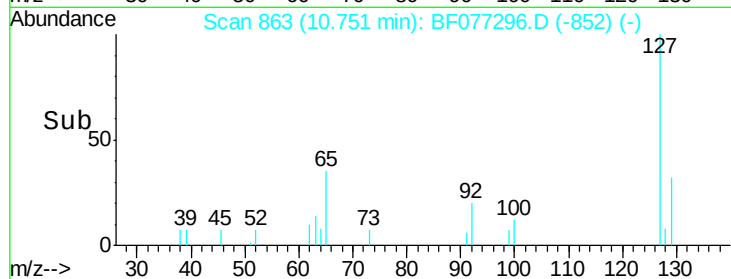
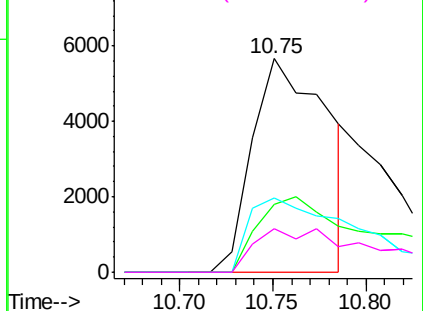
#33  
4-Chloroaniline  
Concen: 7.28 ng  
RT: 10.75 min Scan# 863  
Delta R.T. 0.02 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 15895 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 26.0  | 39.0  |
| 65       | 34.8  | 25.6  | 38.4  |
| 92       | 20.2  | 15.1  | 22.7  |

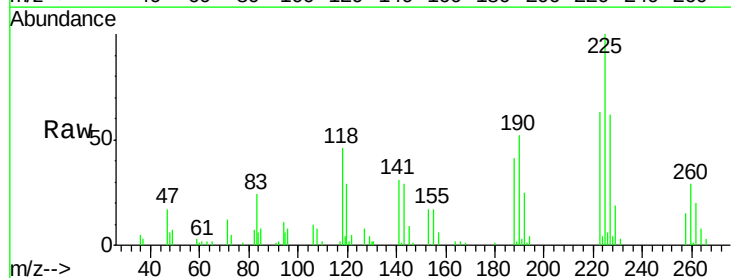


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

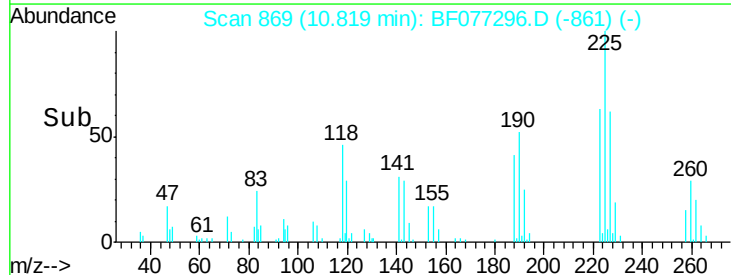
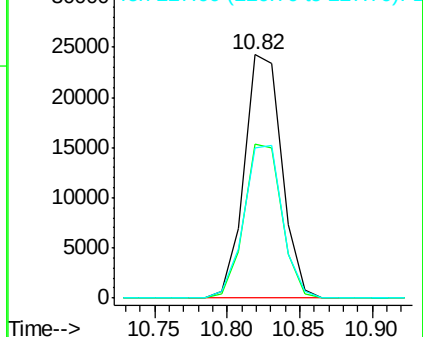


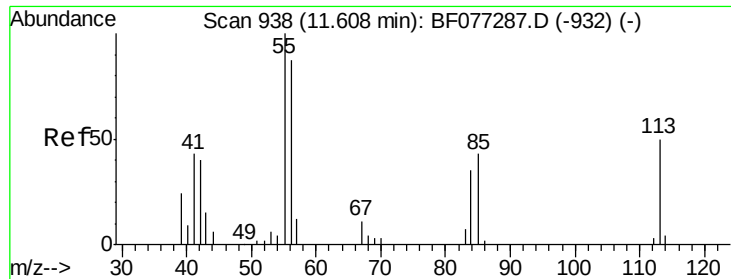
#34  
Hexachlorobutadiene  
Concen: 47.76 ng  
RT: 10.82 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 43590 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 50.2  | 75.4  |
| 227      | 61.6  | 50.2  | 75.2  |



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

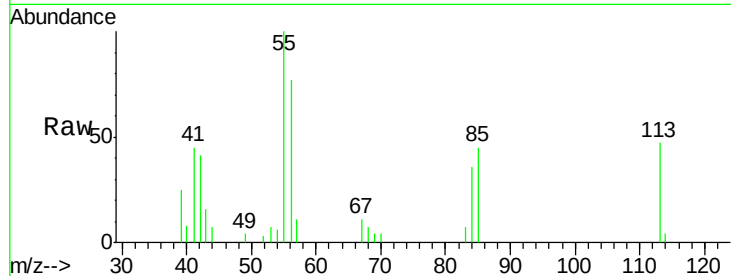




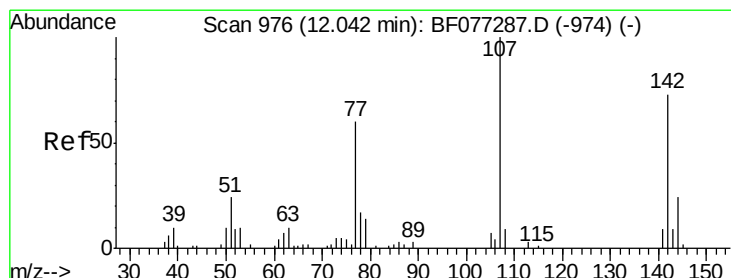
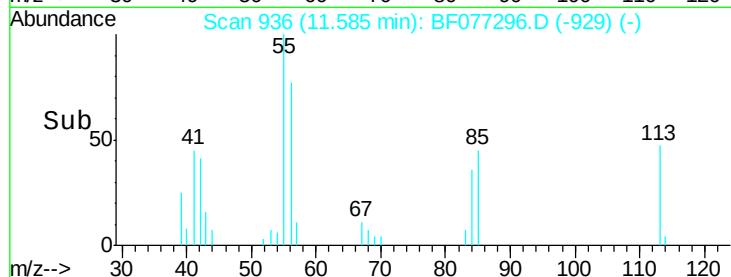
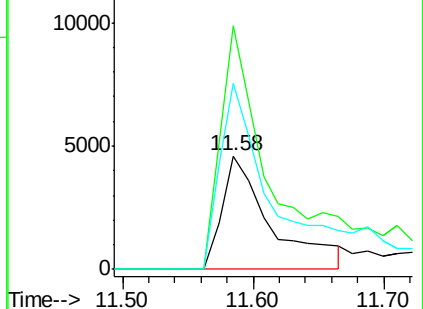
#35  
 Caprolactam  
 Concen: 29.83 ng  
 RT: 11.58 min Scan# 936  
 Delta R.T. -0.02 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tgt Ion:113 Resp: 12014  
 Ion Ratio Lower Upper  
 113 100  
 55 215.0 178.4 218.4  
 56 164.7 152.8 192.8

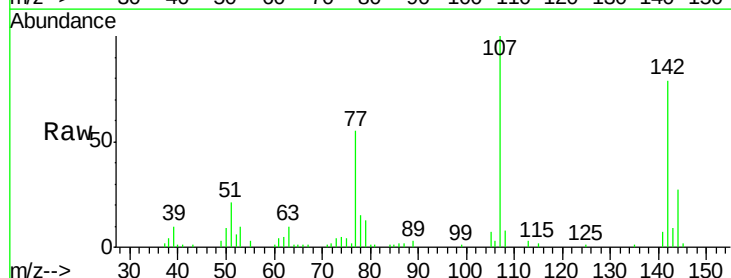


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

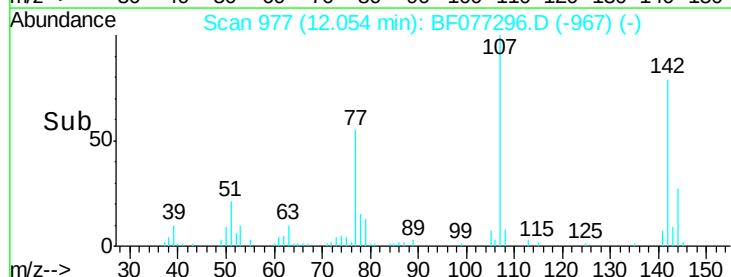
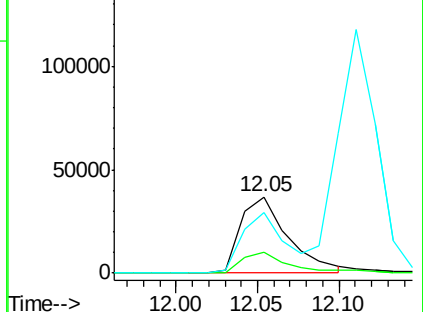


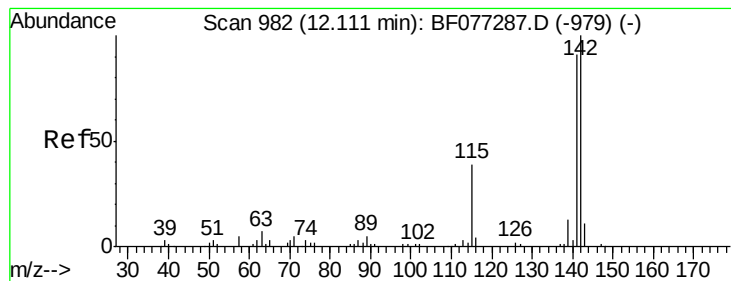
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.30 ng  
 RT: 12.05 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:107 Resp: 75192  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 19.2 28.8  
 142 79.3 58.6 88.0



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: 48.02 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

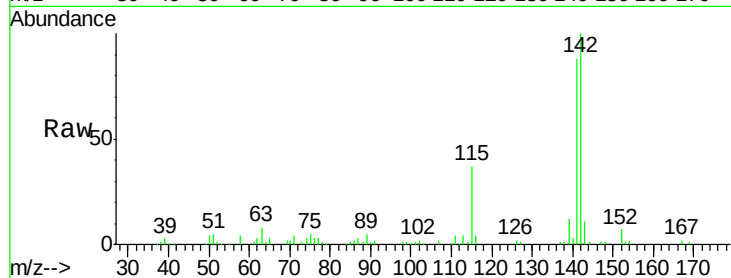
Tgt Ion:142 Resp: 194830

Ion Ratio Lower Upper

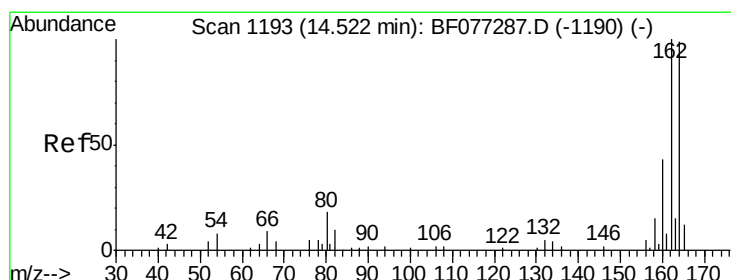
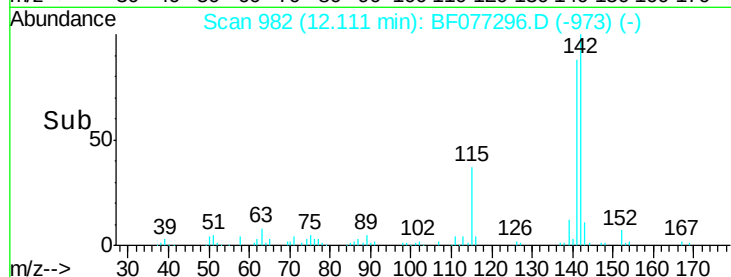
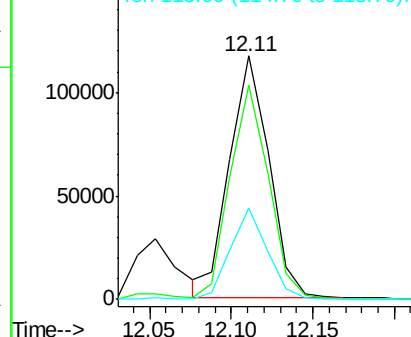
142 100

141 88.1 69.8 104.6

115 37.4 29.5 44.3



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: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

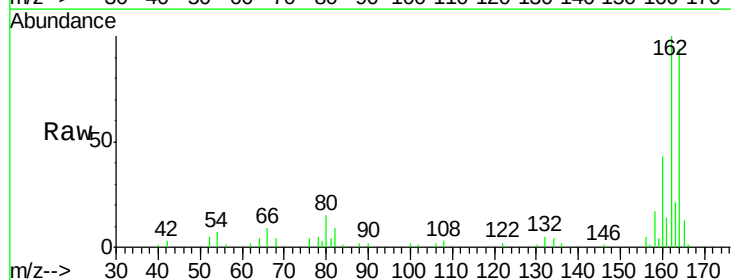
Tgt Ion:164 Resp: 54190

Ion Ratio Lower Upper

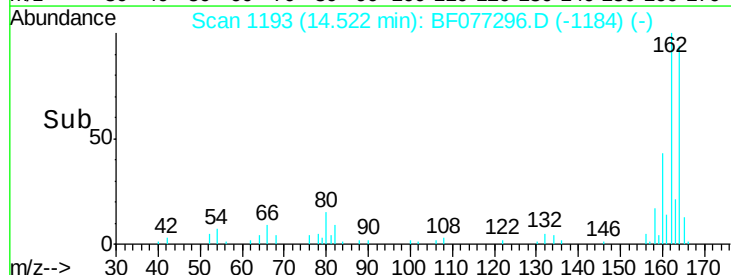
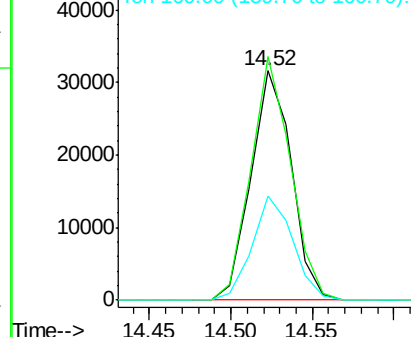
164 100

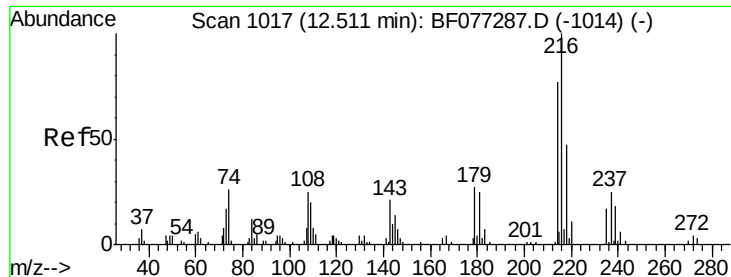
162 106.1 81.0 121.4

160 45.2 35.2 52.8



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

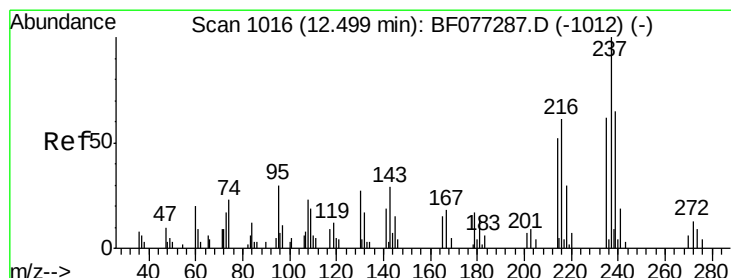
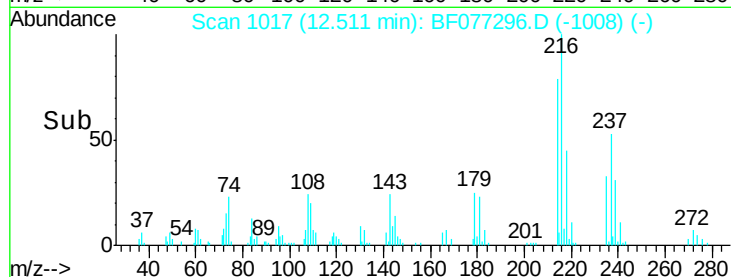
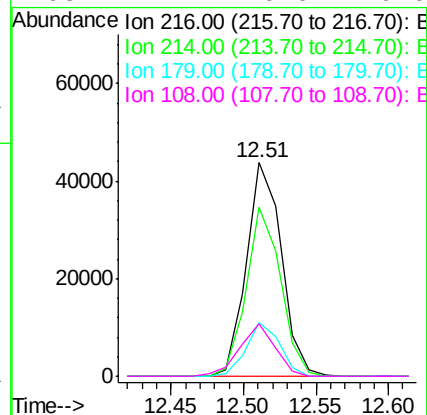
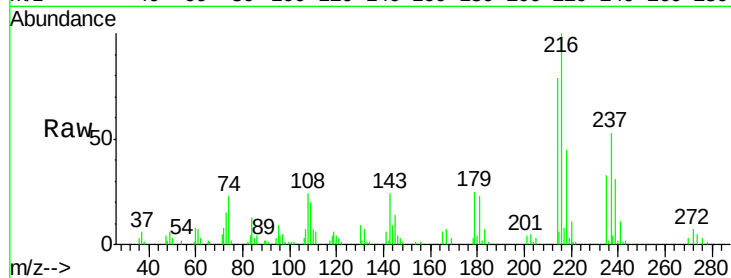




#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.71 ng  
RT: 12.51 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

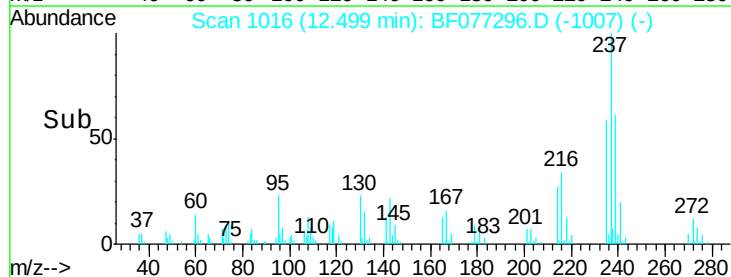
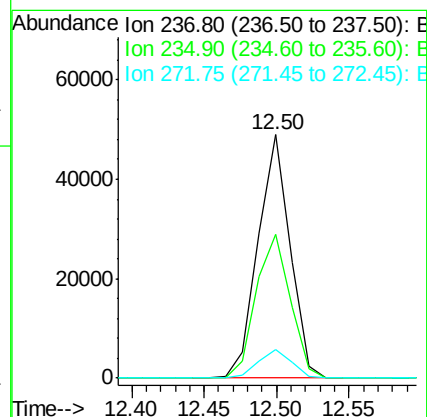
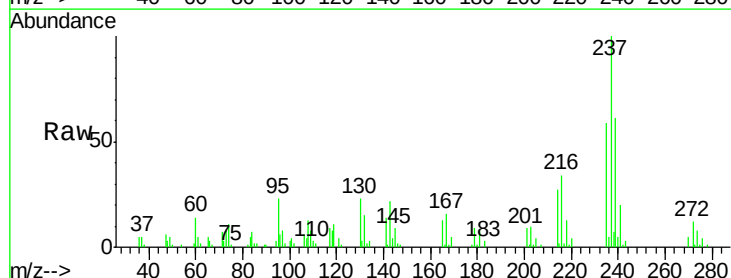
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

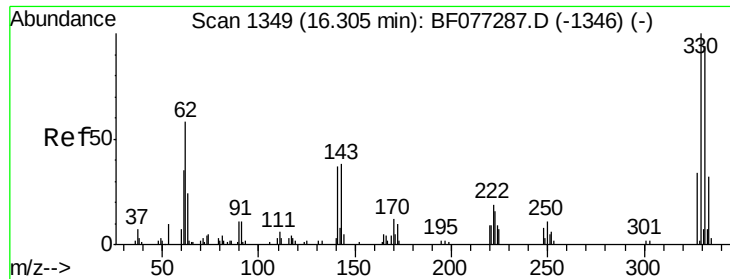
Tgt Ion:216 Resp: 73250  
Ion Ratio Lower Upper  
216 100  
214 77.7 0.0 0.0#  
179 24.2 0.0 0.0#  
108 24.7 0.0 0.0#



#40  
Hexachlorocyclopentadiene  
Concen: 108.21 ng  
RT: 12.50 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:237 Resp: 74796  
Ion Ratio Lower Upper  
237 100  
235 59.0 42.0 82.0  
272 11.7 0.0 33.3





#41

2,4,6-Tribromophenol

Concen: 178.30 ng

RT: 16.31 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

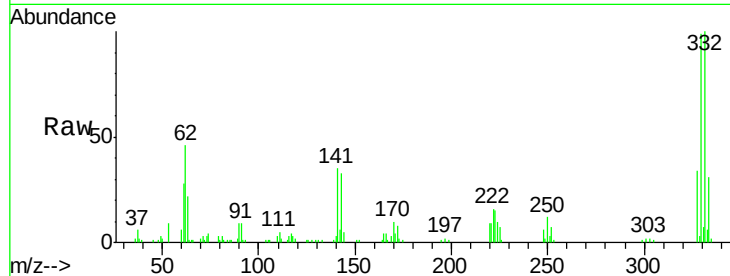
Tgt Ion:330 Resp: 78788

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

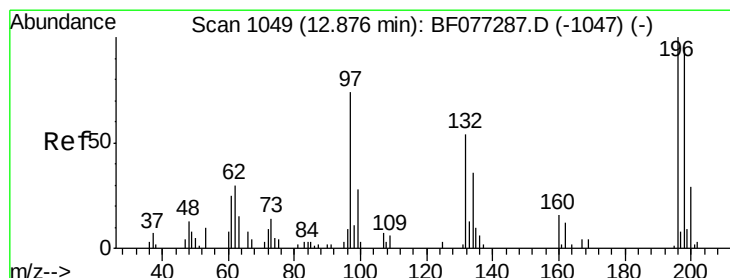
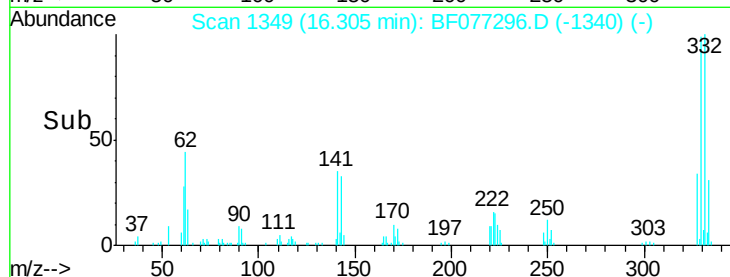
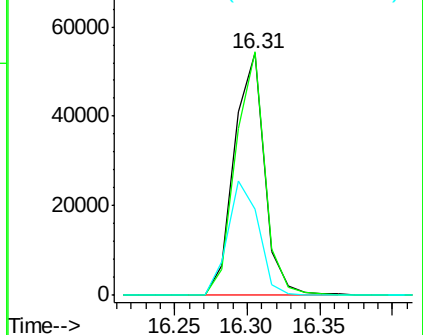
141 48.0 0.0 0.0#



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: 53.76 ng

RT: 12.88 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

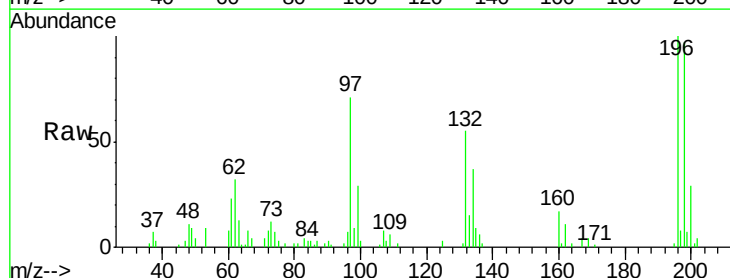
Tgt Ion:196 Resp: 48299

Ion Ratio Lower Upper

196 100

198 96.9 75.8 113.8

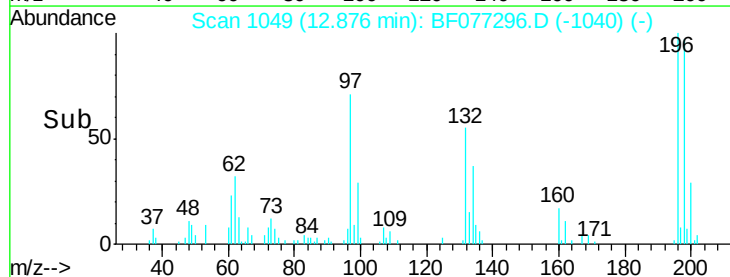
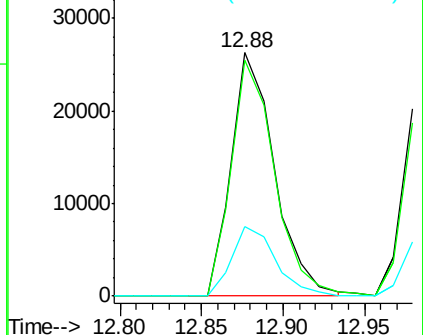
200 28.6 23.3 34.9



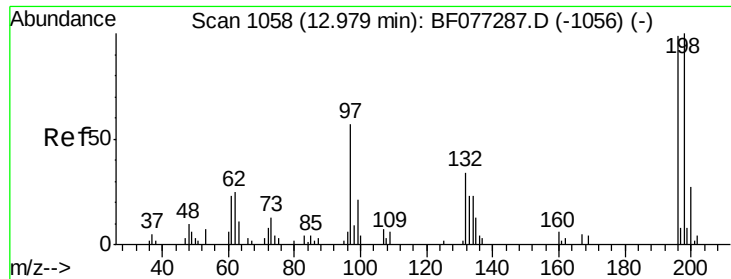
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



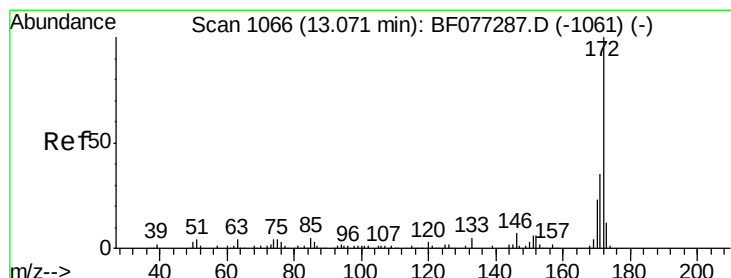
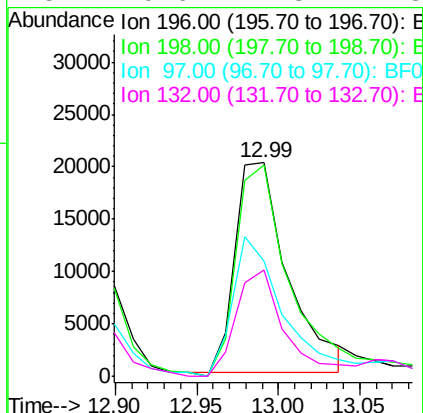
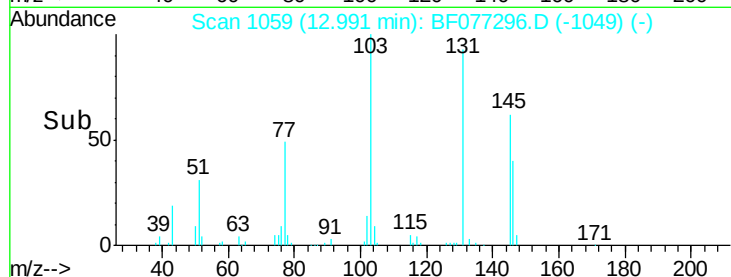
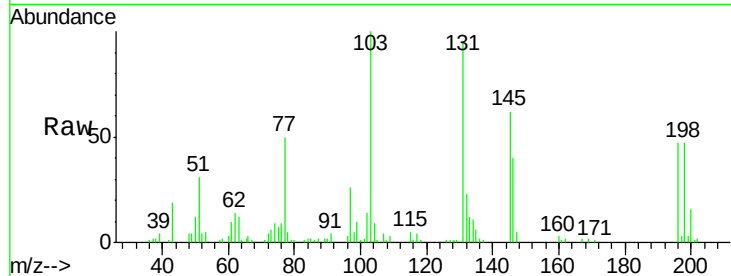




#43  
 2,4,5-Trichlorophenol  
 Concen: 50.88 ng  
 RT: 12.99 min Scan# 1059  
 Delta R.T. 0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

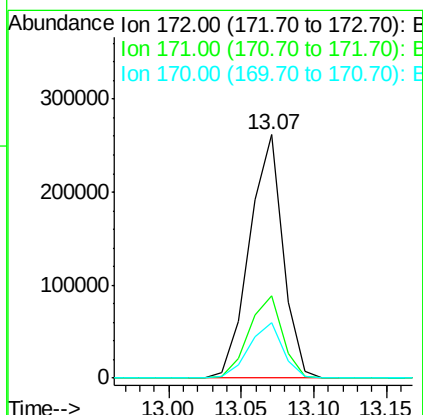
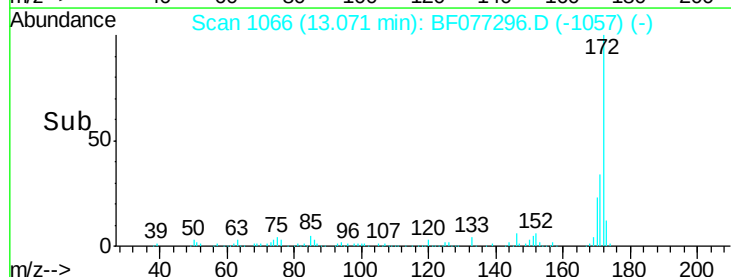
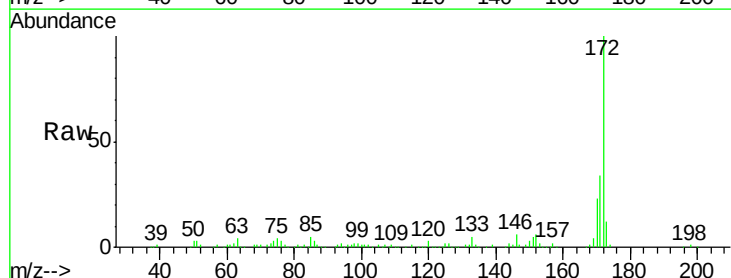
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

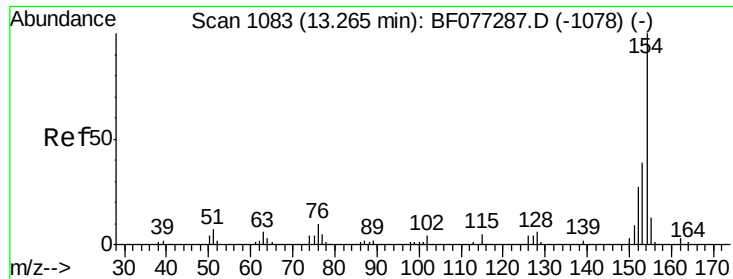
Tgt Ion:196 Resp: 44805  
 Ion Ratio Lower Upper  
 196 100  
 198 98.8 82.6 123.8  
 97 54.0 47.3 70.9  
 132 49.6 27.8 41.8#



#44  
 2-Fluorobiphenyl  
 Concen: 116.28 ng  
 RT: 13.07 min Scan# 1066  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:172 Resp: 418660  
 Ion Ratio Lower Upper  
 172 100  
 171 33.8 27.8 41.8  
 170 22.7 18.3 27.5

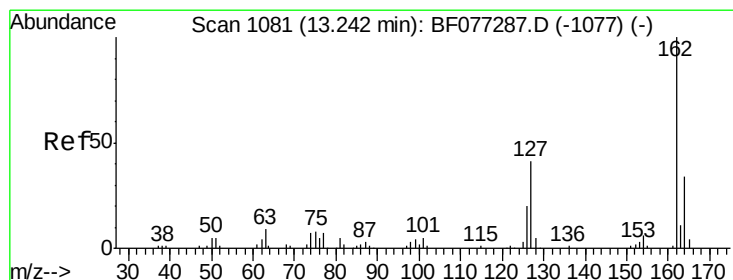
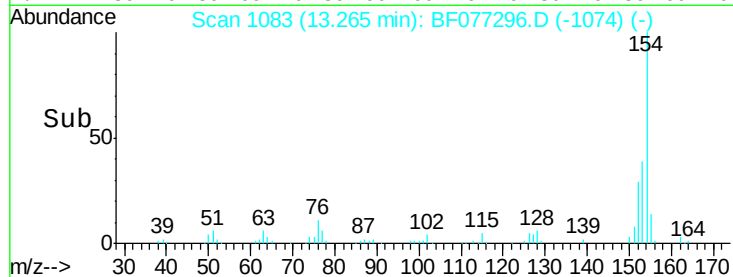
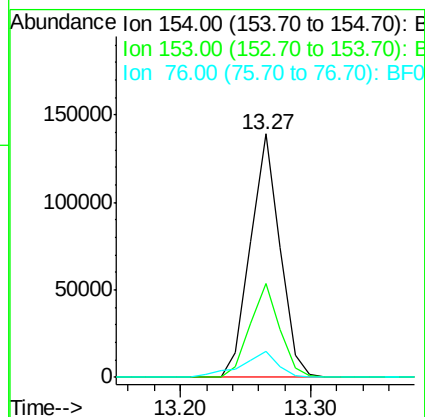
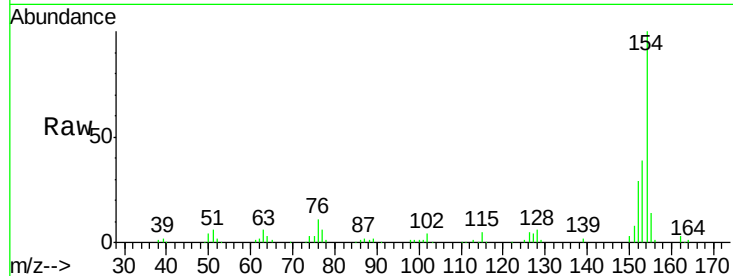




#45  
 1,1'-Biphenyl  
 Concen: 52.62 ng  
 RT: 13.27 min Scan# 1083  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

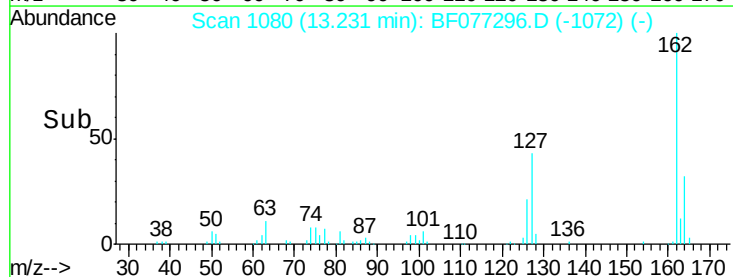
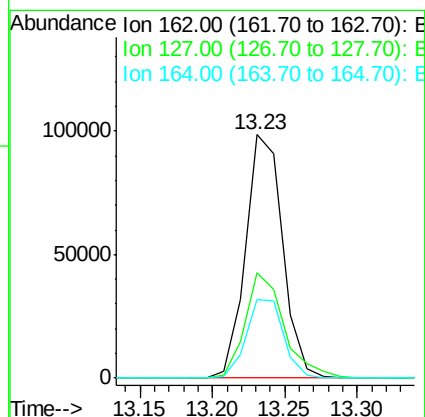
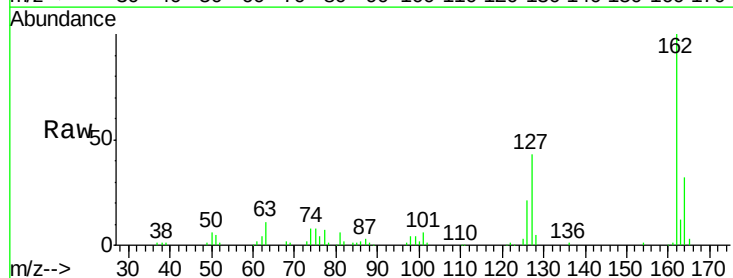
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

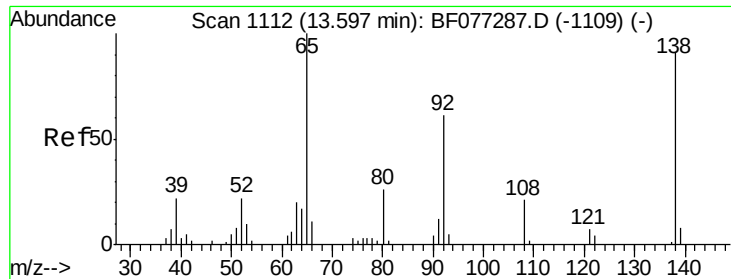
Tgt Ion:154 Resp: 219742  
 Ion Ratio Lower Upper  
 154 100  
 153 38.7 18.9 58.9  
 76 10.6 0.0 30.4



#46  
 2-Chloronaphthalene  
 Concen: 52.18 ng  
 RT: 13.23 min Scan# 1080  
 Delta R.T. -0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:162 Resp: 173996  
 Ion Ratio Lower Upper  
 162 100  
 127 43.0 32.6 48.8  
 164 32.5 27.0 40.6

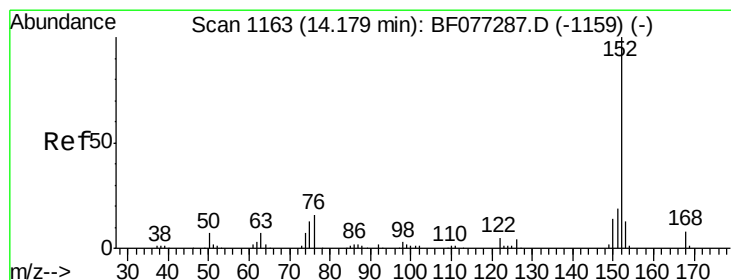
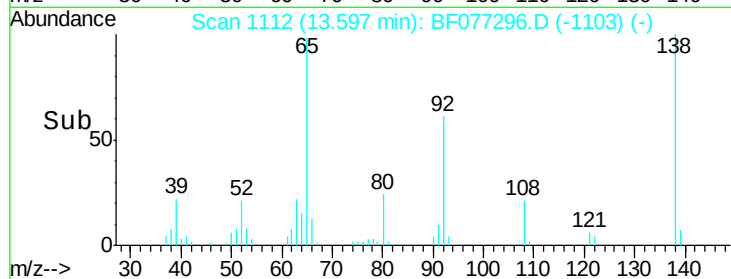
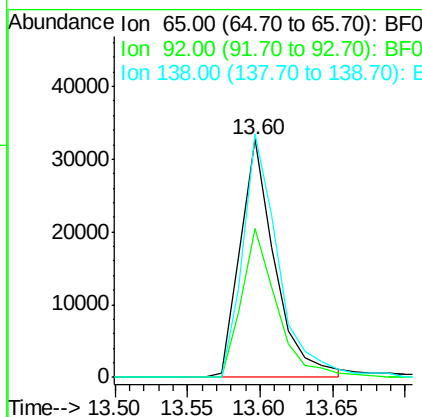
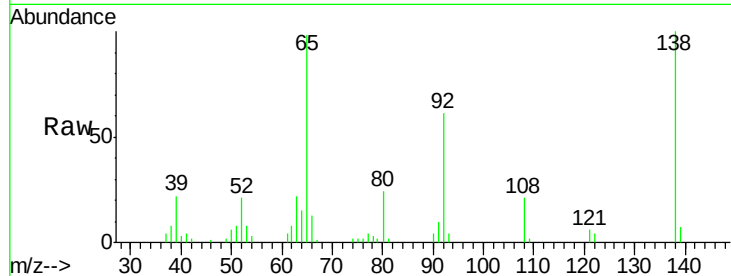




#47  
2-Nitroaniline  
Concen: 55.96 ng  
RT: 13.60 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

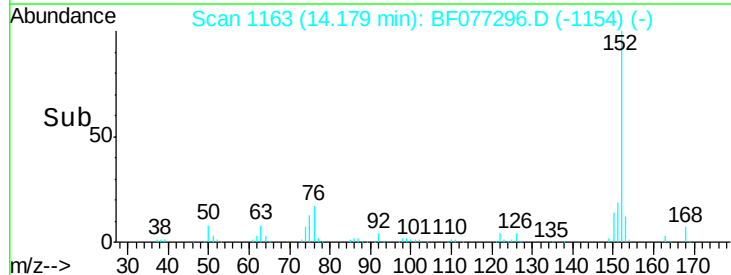
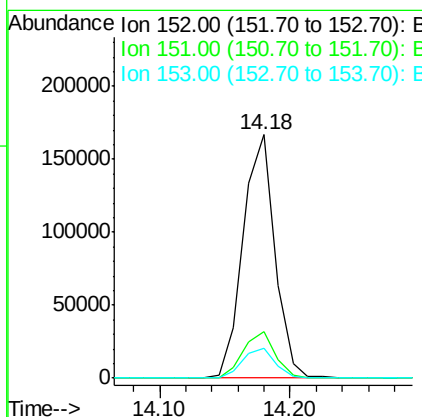
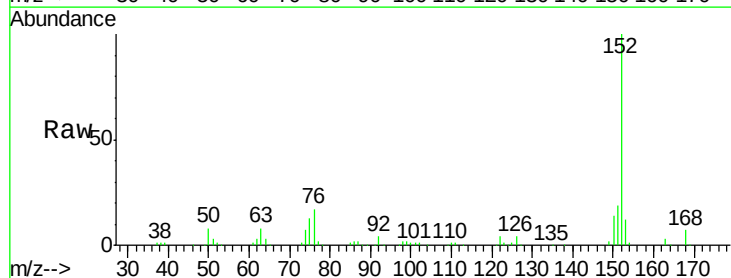
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

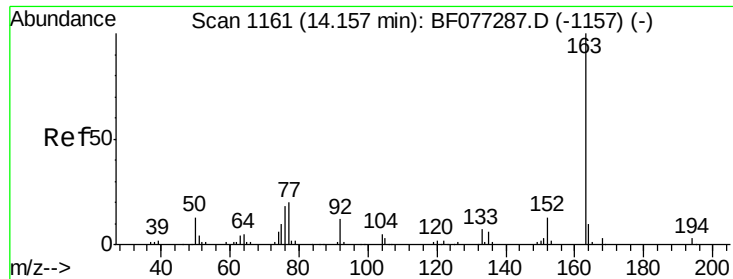
Tgt Ion: 65 Resp: 54532  
Ion Ratio Lower Upper  
65 100  
92 62.3 48.7 73.1  
138 102.2 72.5 108.7



#48  
Acenaphthylene  
Concen: 53.70 ng  
RT: 14.18 min Scan# 1163  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion: 152 Resp: 282583  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.3 22.9  
153 12.4 10.2 15.2





#49

Dimethylphthalate

Concen: 54.44 ng

RT: 14.16 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

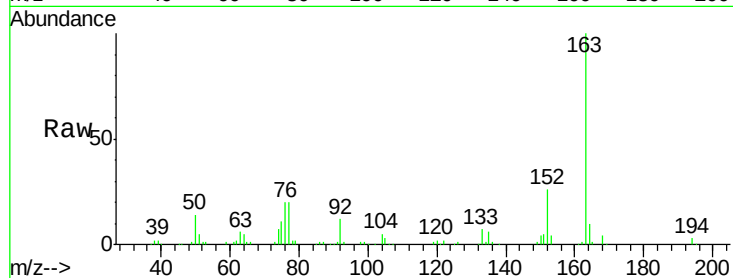
Tgt Ion:163 Resp: 213337

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

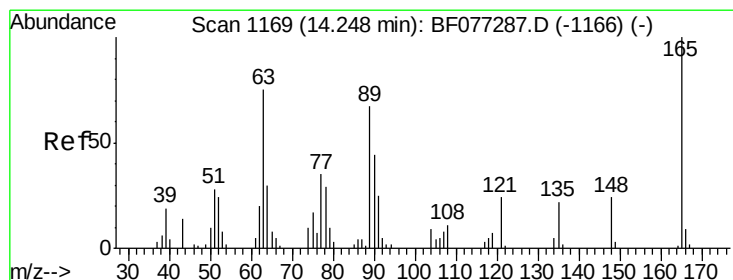
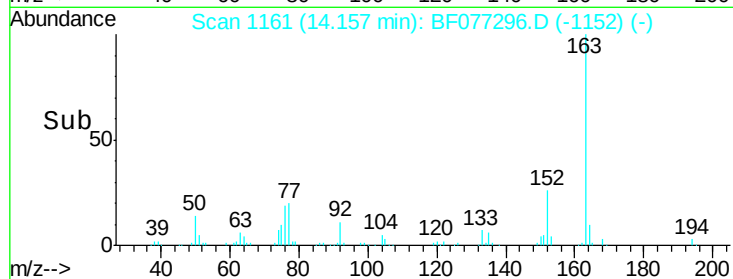
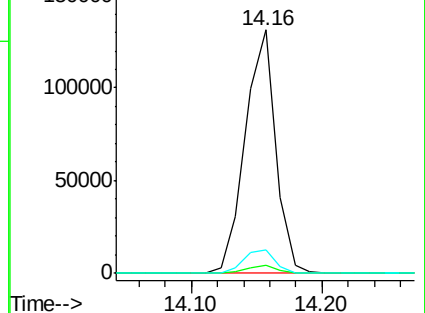
164 9.7 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 57.31 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

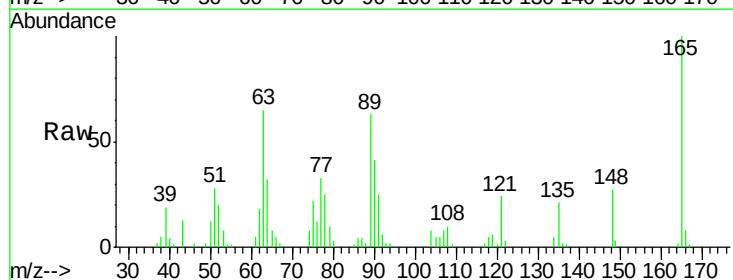
Tgt Ion:165 Resp: 43422

Ion Ratio Lower Upper

165 100

63 65.4 61.2 91.8

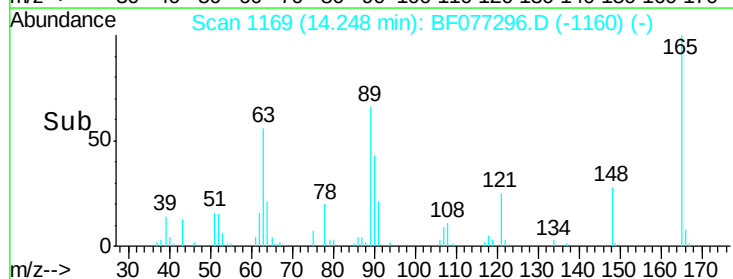
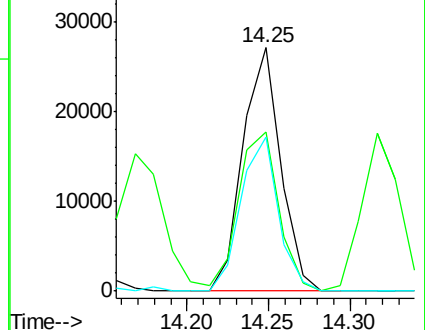
89 63.4 53.7 80.5

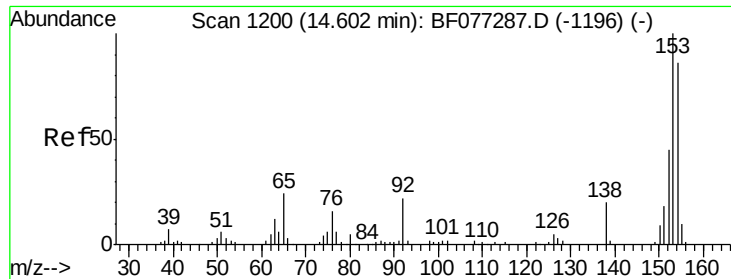


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.07 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

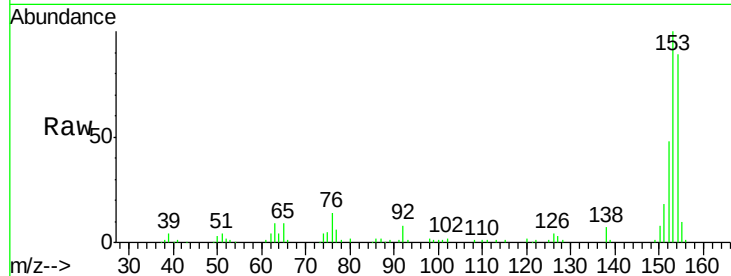
Tgt Ion:154 Resp: 158689

Ion Ratio Lower Upper

154 100

153 112.4 92.5 138.7

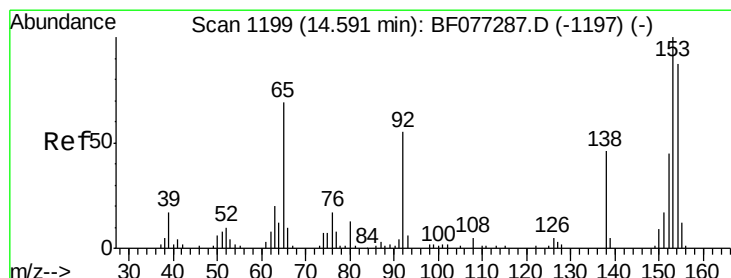
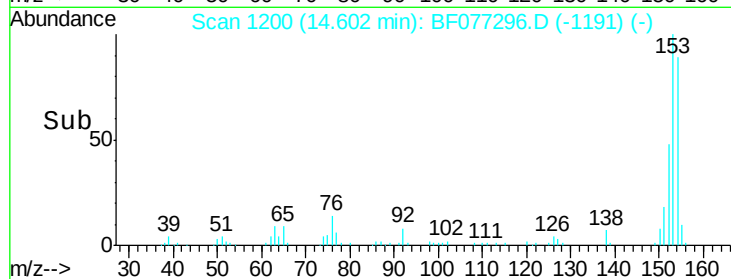
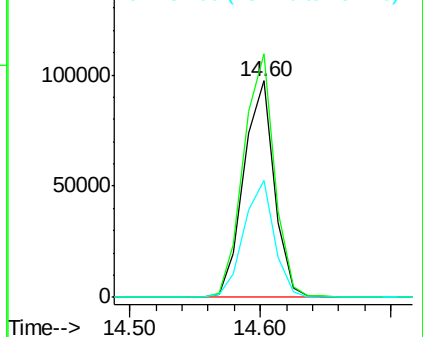
152 53.8 42.1 63.1



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: 16.77 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

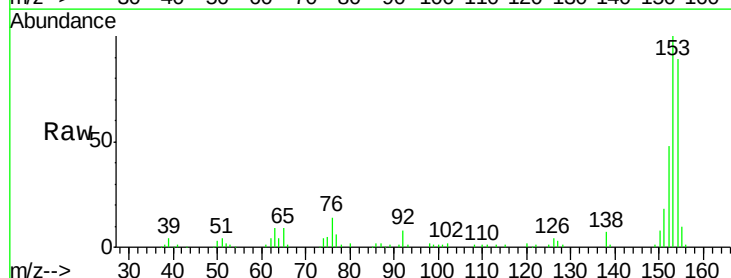
Tgt Ion:138 Resp: 15547

Ion Ratio Lower Upper

138 100

108 9.1 9.5 14.3#

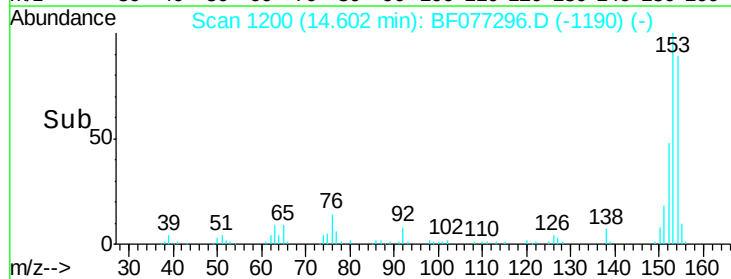
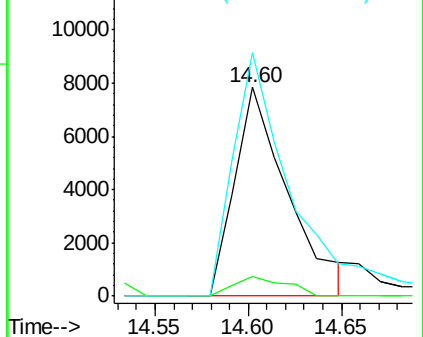
92 116.8 95.8 143.6

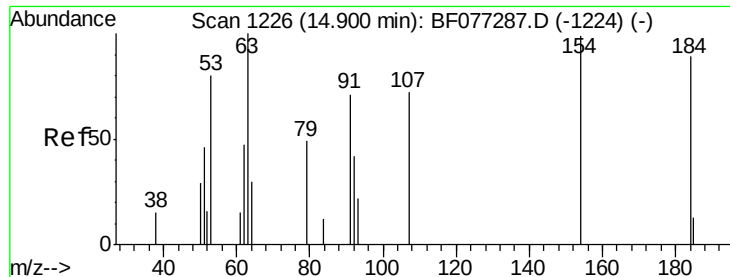


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

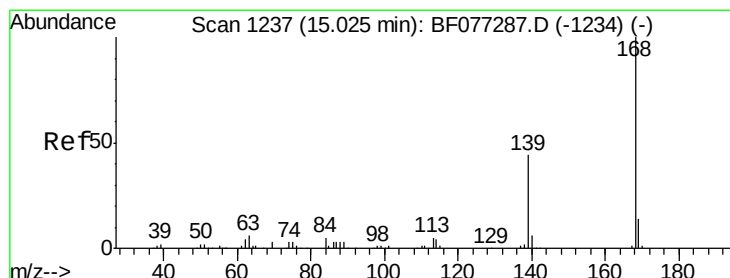
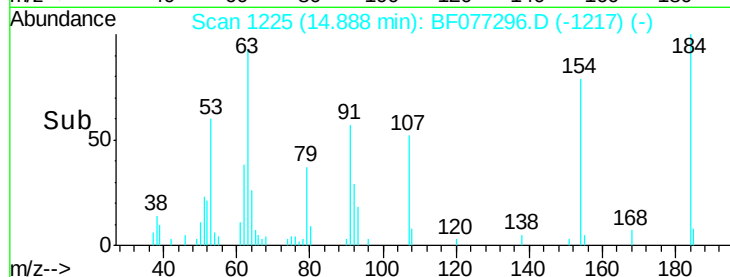
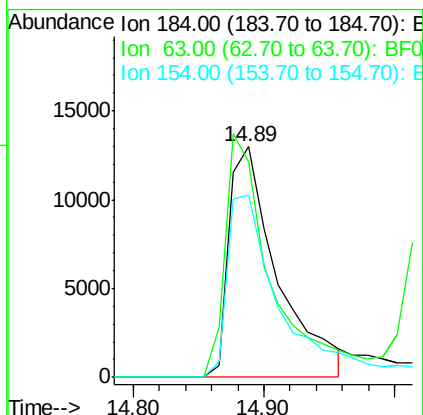
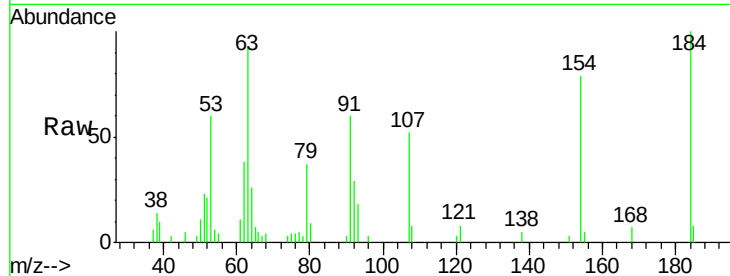




#53  
 2,4-Dinitrophenol  
 Concen: 111.22 ng  
 RT: 14.89 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

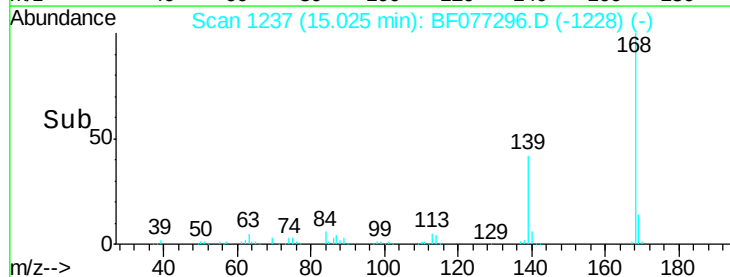
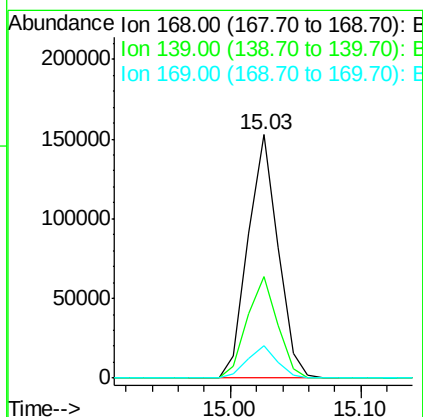
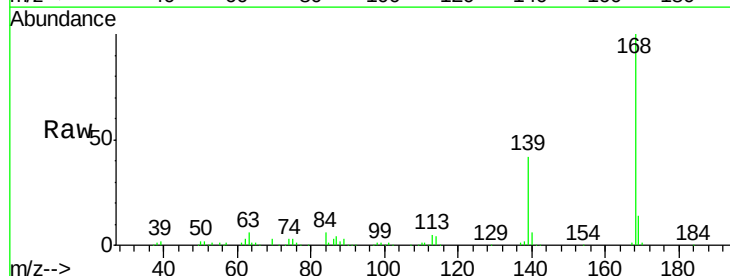
Instrument :  
 BNA\_F  
 ClientSampled :  
 WC-1MS

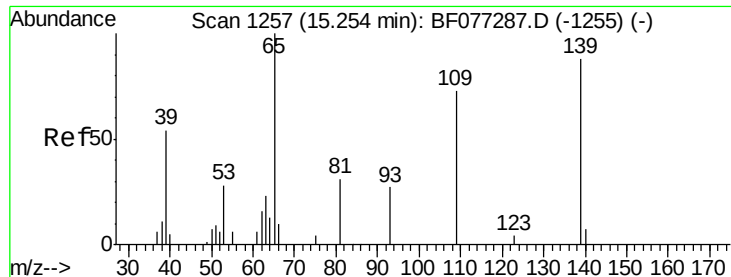
Tgt Ion:184 Resp: 33510  
 Ion Ratio Lower Upper  
 184 100  
 63 93.2 90.2 135.4  
 154 78.8 89.7 134.5#



#54  
 Dibenzofuran  
 Concen: 52.17 ng  
 RT: 15.03 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:168 Resp: 245798  
 Ion Ratio Lower Upper  
 168 100  
 139 41.9 35.6 53.4  
 169 13.6 10.9 16.3

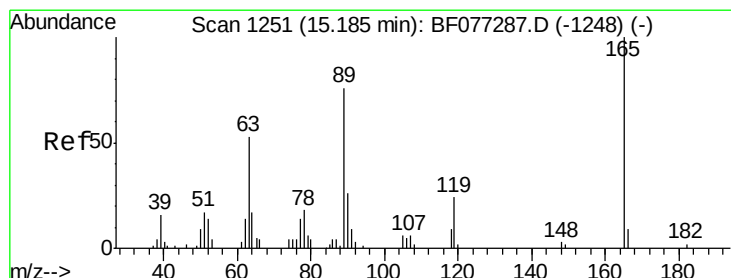
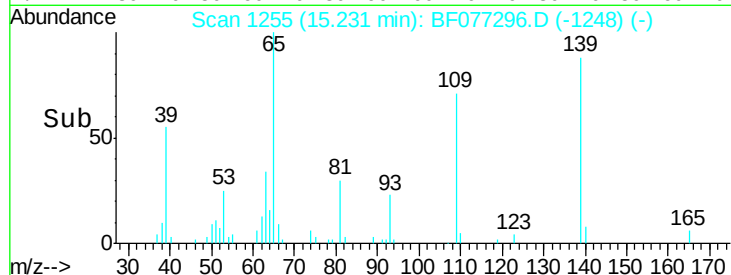
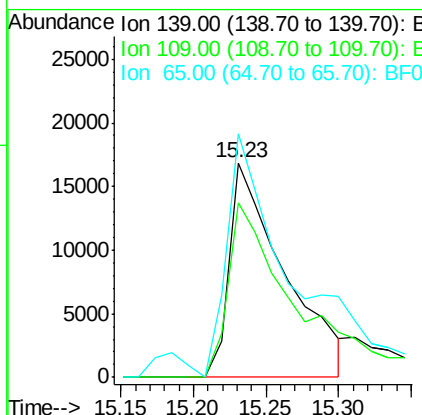
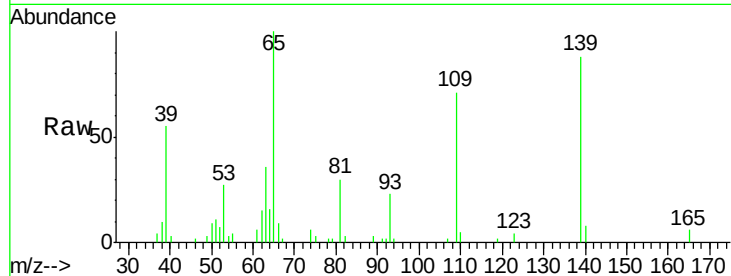




#55  
4-Nitrophenol  
Concen: 98.00 ng  
RT: 15.23 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

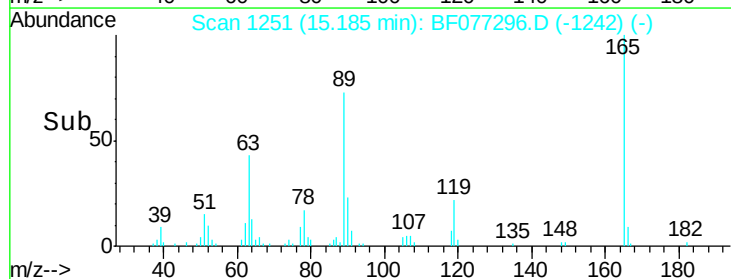
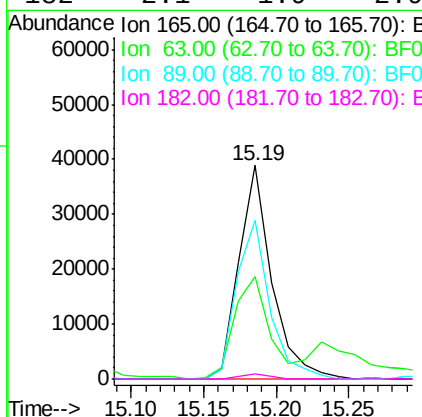
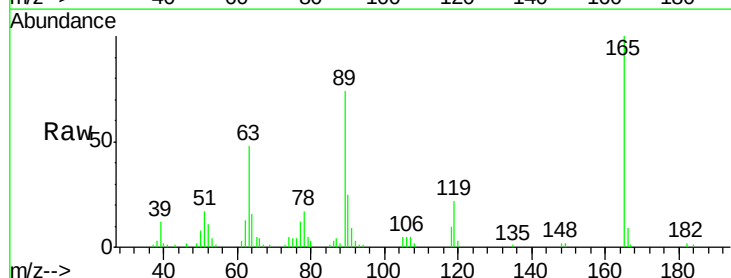
Instrument :  
BNA\_F  
ClientSampled :  
WC-1MS

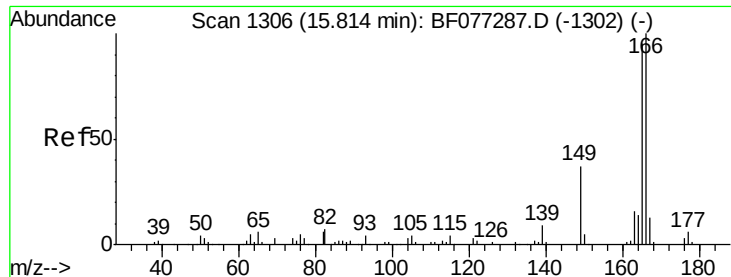
Tgt Ion:139 Resp: 44208  
Ion Ratio Lower Upper  
139 100  
109 81.1 62.7 102.7  
65 113.5 93.5 133.5



#56  
2,4-Dinitrotoluene  
Concen: 56.62 ng  
RT: 15.19 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:165 Resp: 61411  
Ion Ratio Lower Upper  
165 100  
63 48.0 42.4 63.6  
89 74.2 61.1 91.7  
182 2.1 1.9 2.9

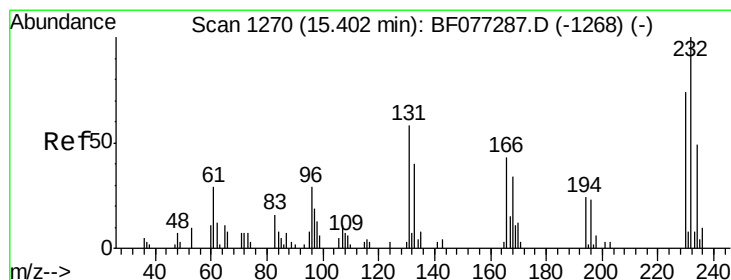
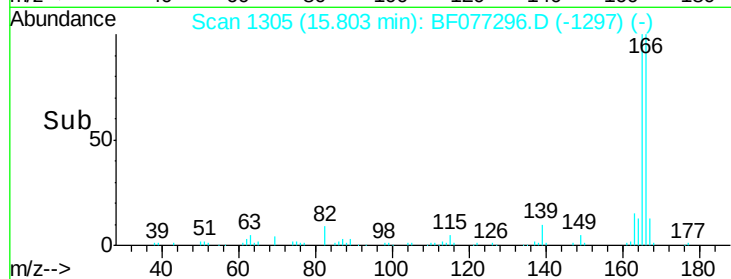
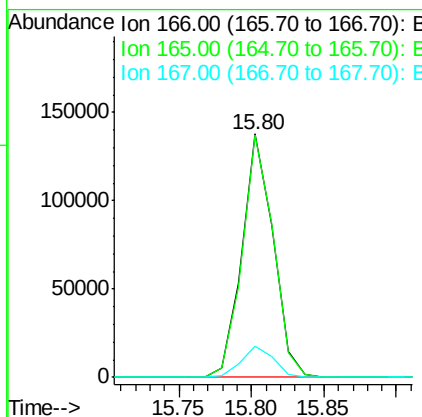
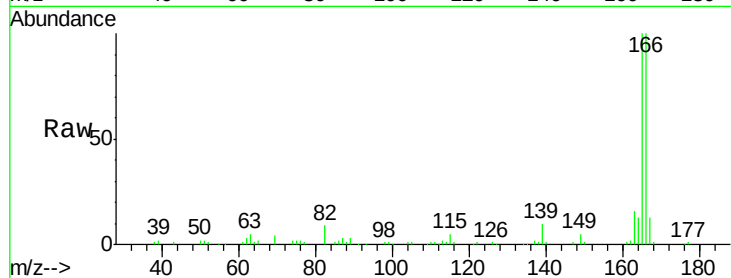




#57  
 Fluorene  
 Concen: 53.24 ng  
 RT: 15.80 min Scan# 1305  
 Delta R.T. -0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

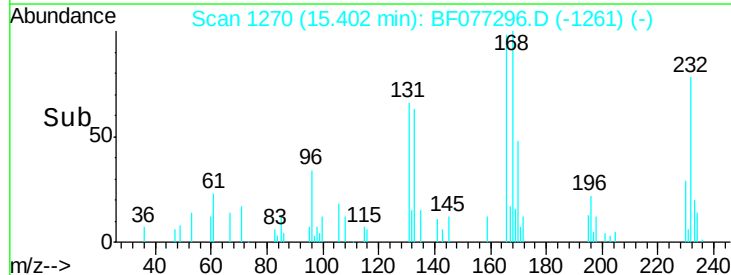
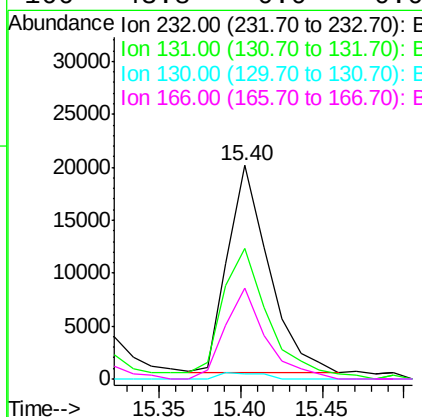
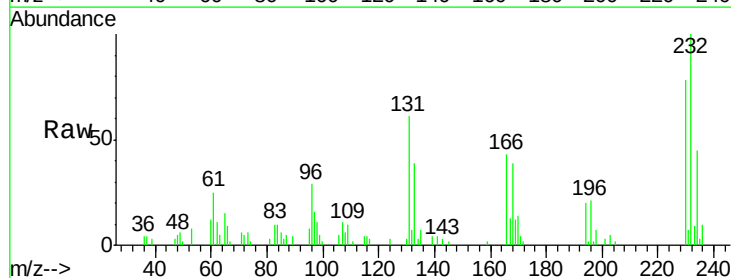
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tgt Ion:166 Resp: 205367  
 Ion Ratio Lower Upper  
 166 100  
 165 99.7 75.9 113.9  
 167 12.9 10.2 15.4

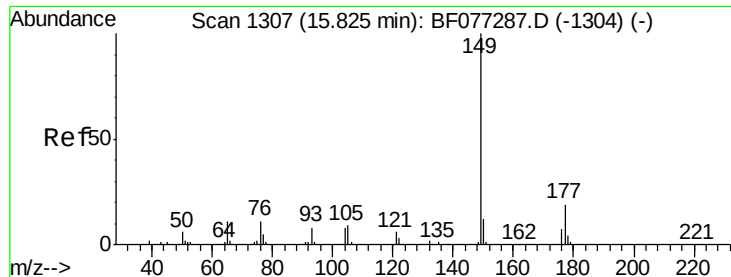


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 57.60 ng  
 RT: 15.40 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:232 Resp: 34170  
 Ion Ratio Lower Upper  
 232 100  
 131 62.8 0.0 0.0#  
 130 3.2 0.0 0.0#  
 166 43.8 0.0 0.0#



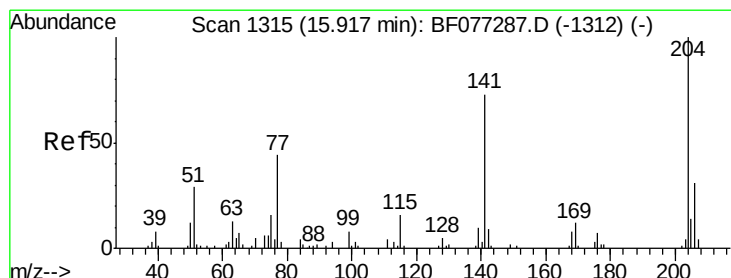
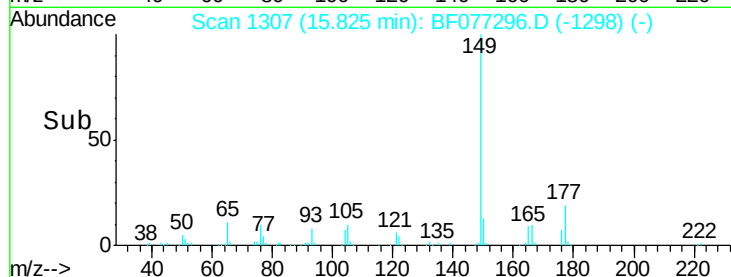
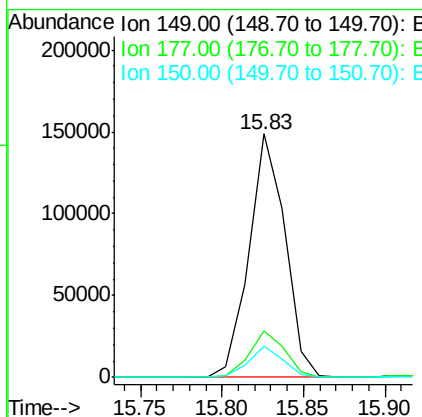
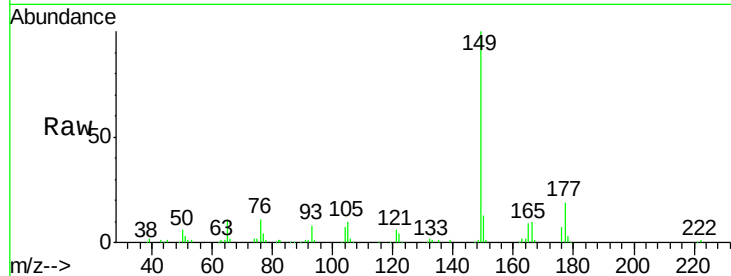




#59  
Diethylphthalate  
Concen: 55.87 ng  
RT: 15.83 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

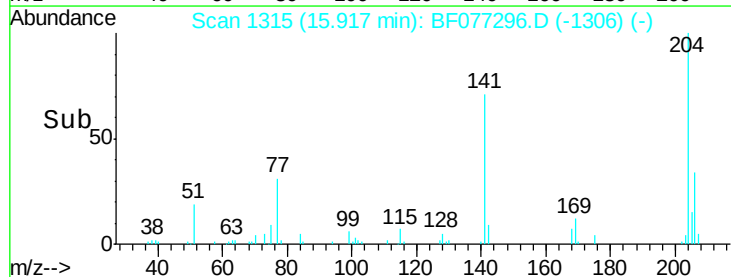
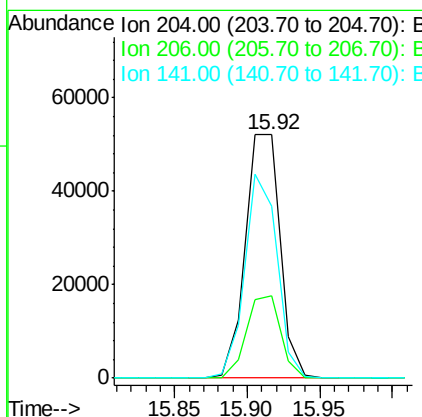
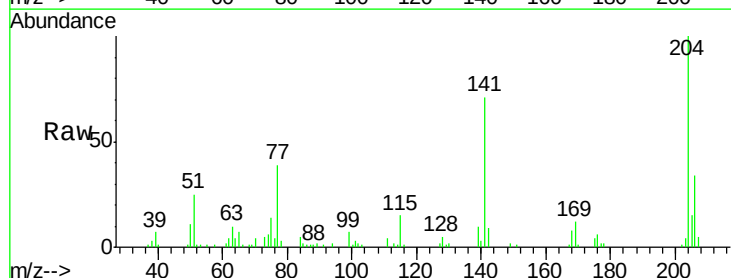
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

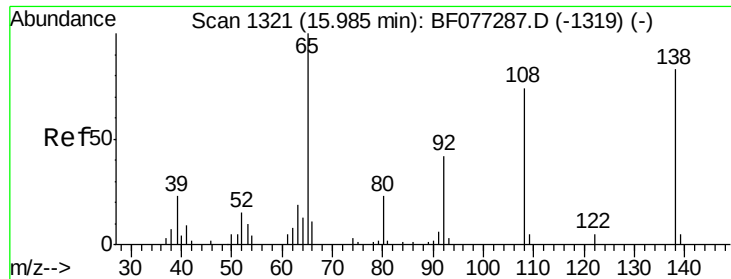
Tgt Ion:149 Resp: 228013  
Ion Ratio Lower Upper  
149 100  
177 19.0 15.0 22.4  
150 12.6 9.4 14.2



#60  
4-Chlorophenyl-phenylether  
Concen: 54.30 ng  
RT: 15.92 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:204 Resp: 87099  
Ion Ratio Lower Upper  
204 100  
206 33.7 25.0 37.6  
141 70.6 58.6 87.8

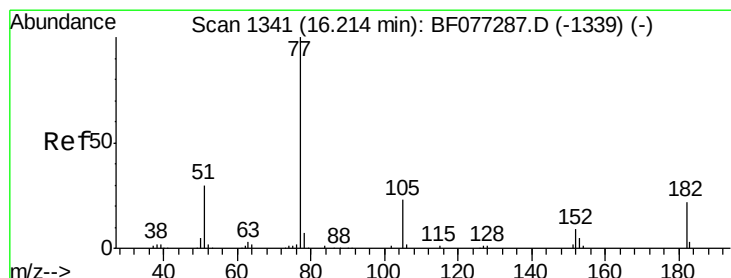
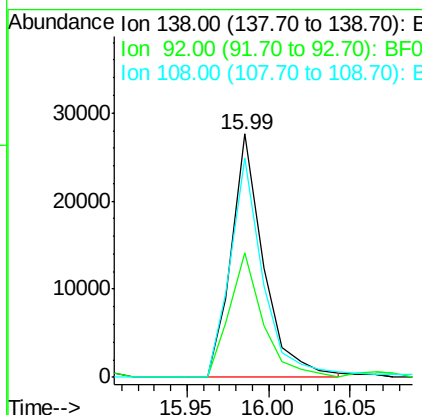
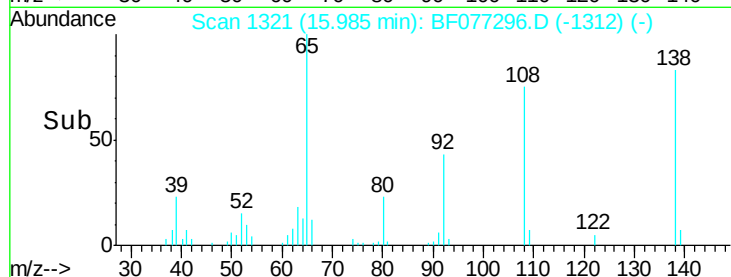
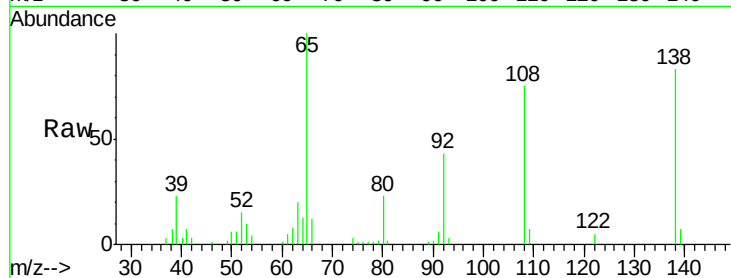




#61  
 4-Nitroaniline  
 Concen: 43.99 ng  
 RT: 15.99 min Scan# 1321  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

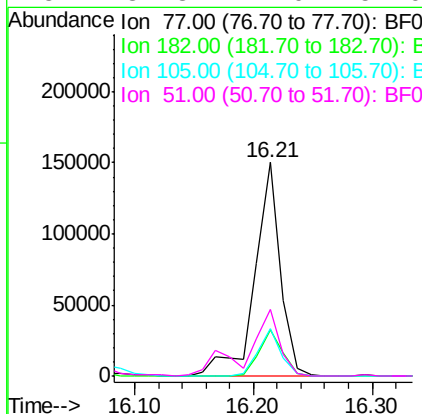
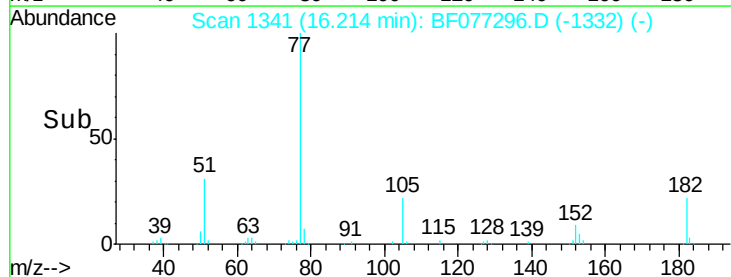
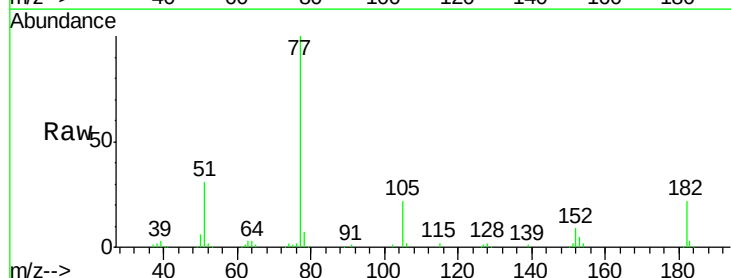
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

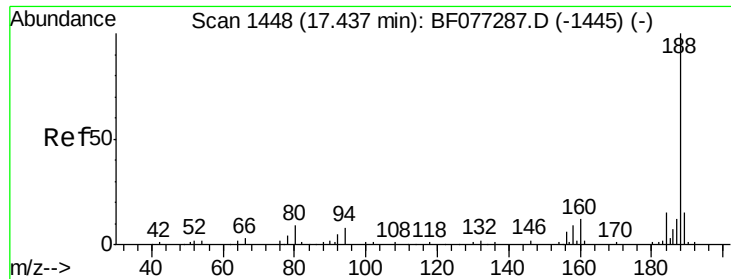
Tgt Ion: 138 Resp: 38027  
 Ion Ratio Lower Upper  
 138 100  
 92 51.4 30.7 70.7  
 108 90.0 69.7 109.7



#62  
 Azobenzene  
 Concen: 58.04 ng  
 RT: 16.21 min Scan# 1341  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion: 77 Resp: 225954  
 Ion Ratio Lower Upper  
 77 100  
 182 21.8 0.9 40.9  
 105 22.2 2.2 42.2  
 51 31.3 12.0 52.0

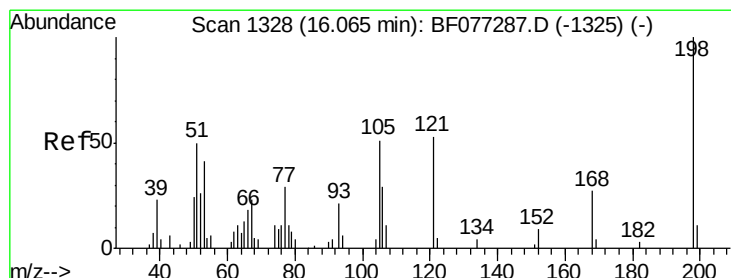
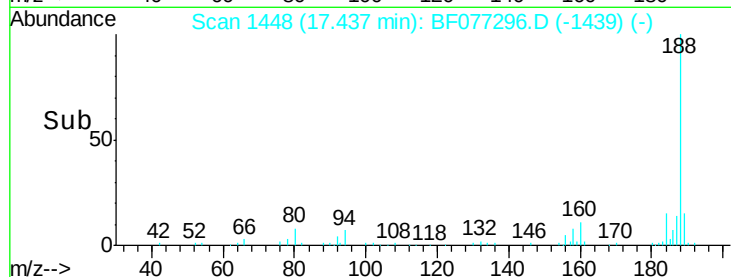
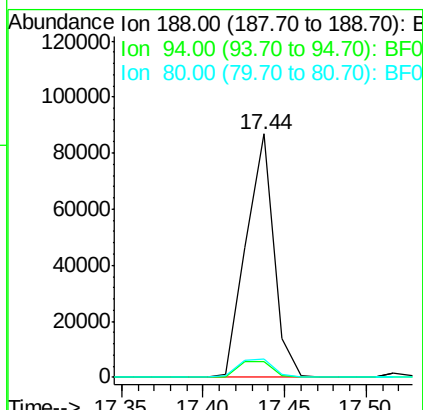
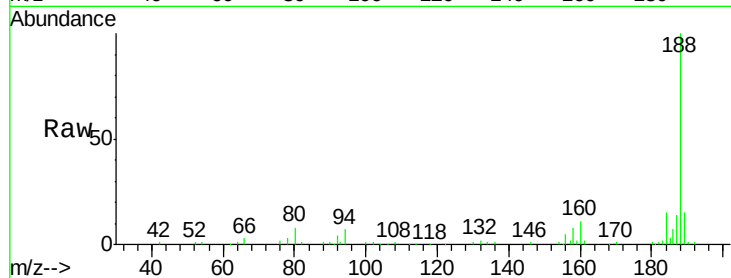




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.44 min Scan# 1448  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

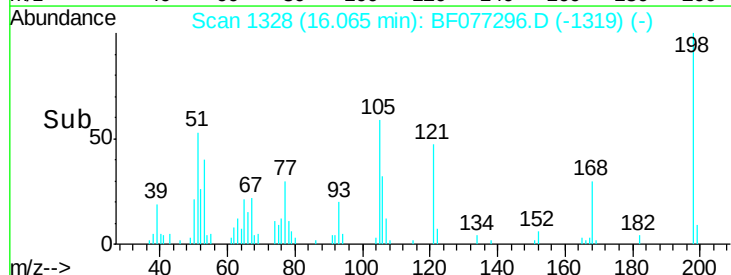
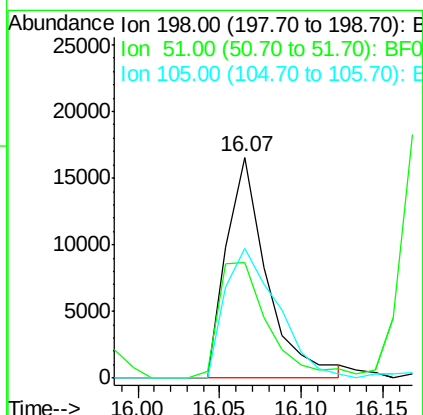
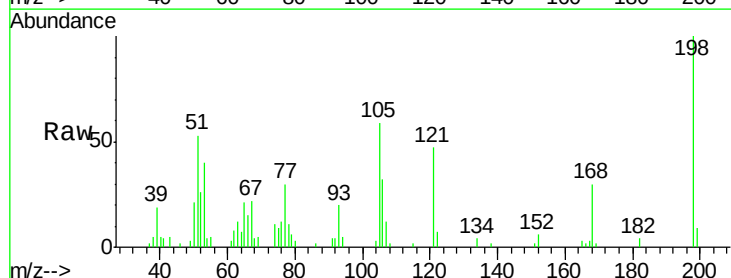
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

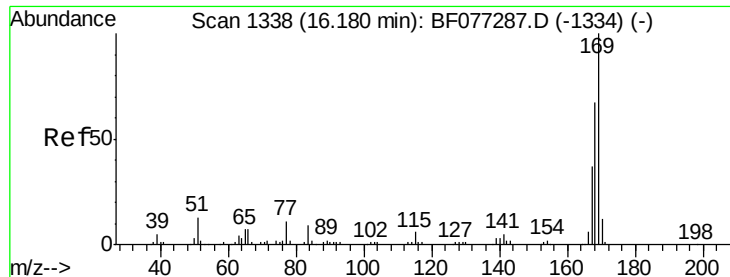
Tgt Ion:188 Resp: 101902  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.5 9.7  
80 7.6 7.1 10.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 48.20 ng  
RT: 16.07 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:198 Resp: 28558  
Ion Ratio Lower Upper  
198 100  
51 52.7 33.8 73.8  
105 58.7 30.9 70.9

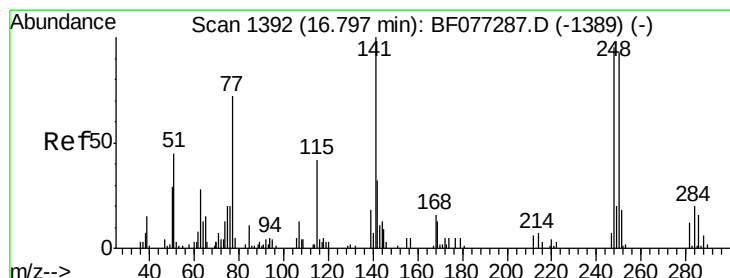
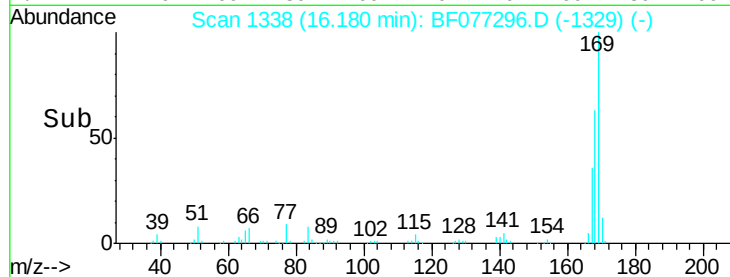
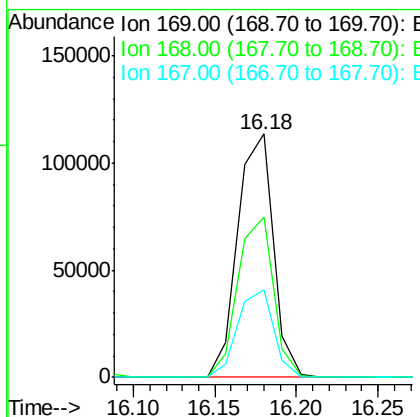
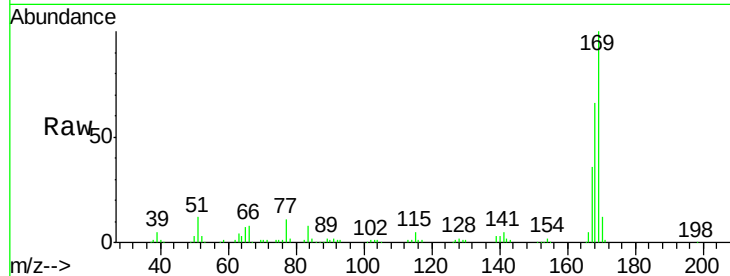




#65  
 n-Nitrosodiphenylamine  
 Concen: 47.14 ng  
 RT: 16.18 min Scan# 1338  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

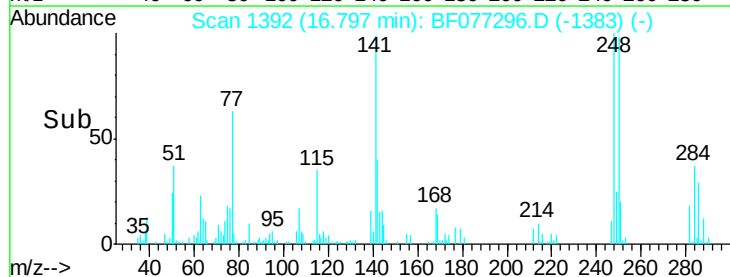
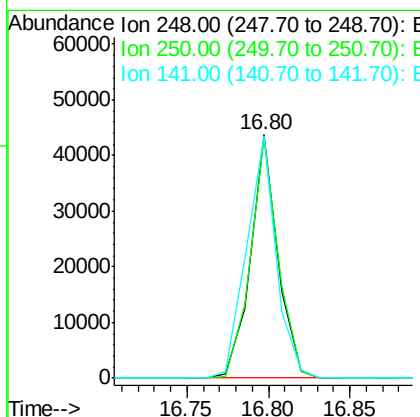
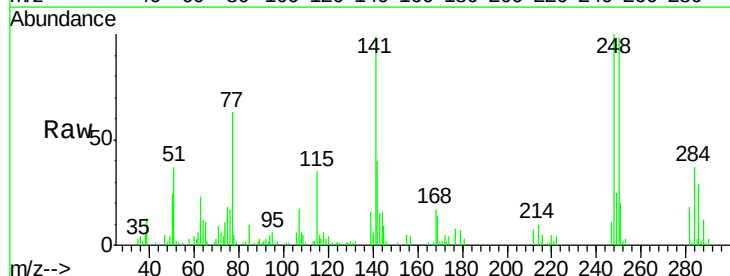
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

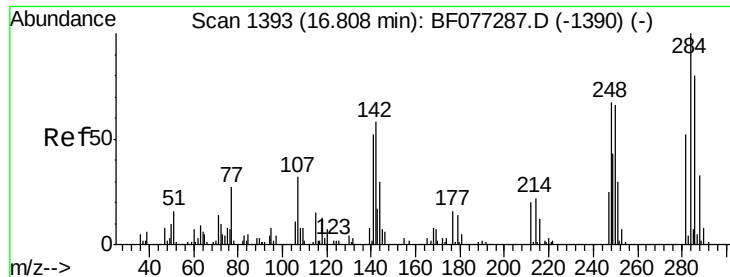
Tgt Ion:169 Resp: 171321  
 Ion Ratio Lower Upper  
 169 100  
 168 65.9 53.9 80.9  
 167 36.1 29.6 44.4



#66  
 4-Bromophenyl-phenylether  
 Concen: 47.35 ng  
 RT: 16.80 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:248 Resp: 50425  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 77.8 116.8  
 141 99.3 83.8 125.6

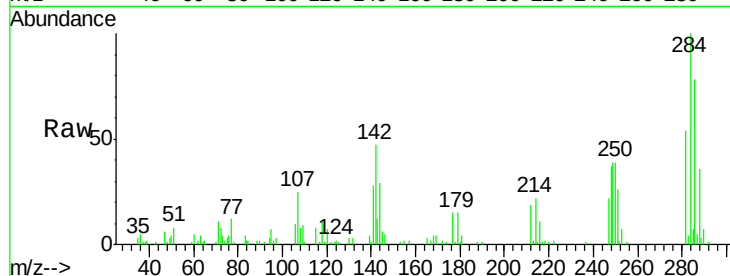




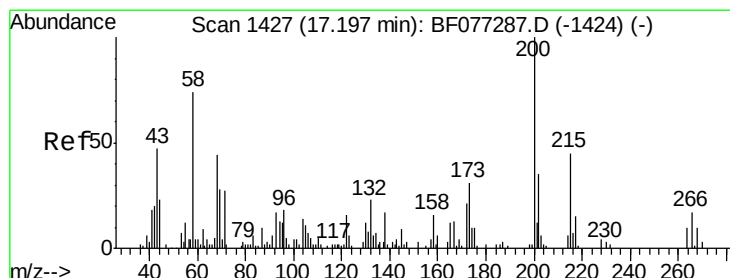
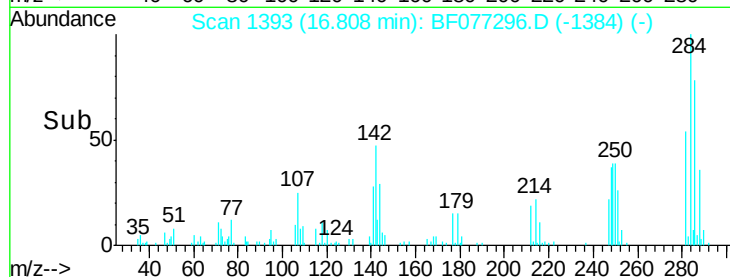
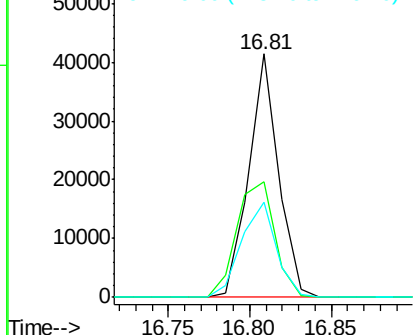
#67  
Hexachlorobenzene  
Concen: 48.33 ng  
RT: 16.81 min Scan# 1393  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Instrument :  
BNA\_F  
ClientSampled :  
WC-1MS

Tgt Ion:284 Resp: 52407  
Ion Ratio Lower Upper  
284 100  
142 47.3 46.2 69.4  
249 39.3 34.5 51.7

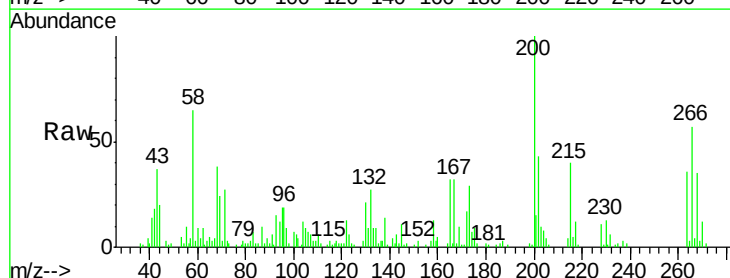


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

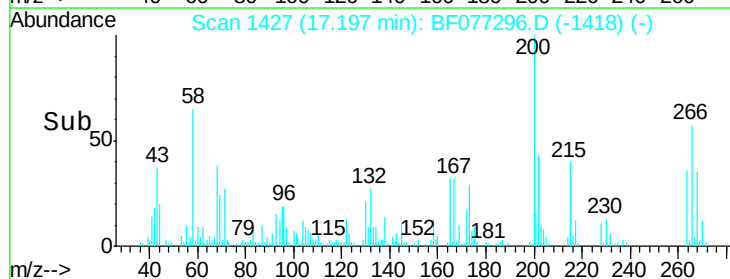
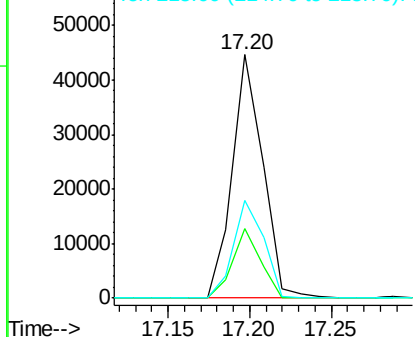


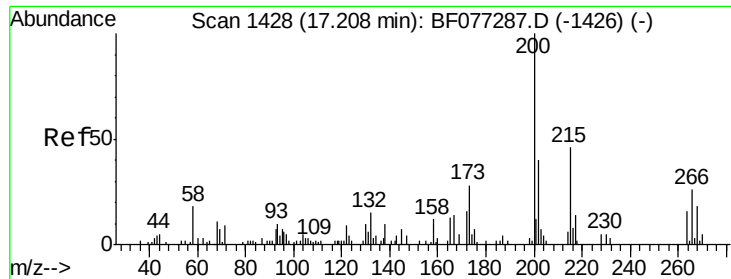
#68  
Atrazine  
Concen: 50.16 ng  
RT: 17.20 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:200 Resp: 57741  
Ion Ratio Lower Upper  
200 100  
173 28.5 11.3 51.3  
215 40.1 25.3 65.3



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 108.46 ng

RT: 17.20 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

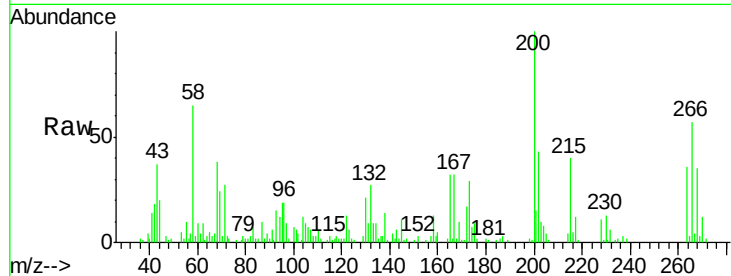
Tgt Ion:266 Resp: 37970

Ion Ratio Lower Upper

266 100

268 60.6 55.0 82.6

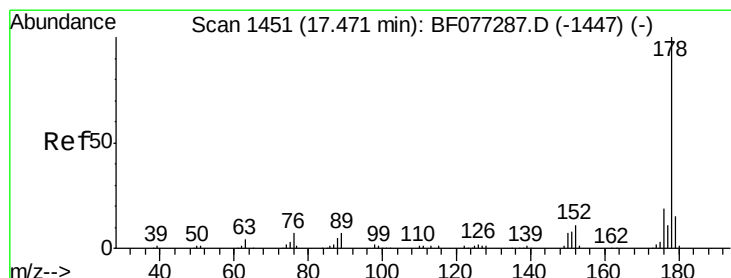
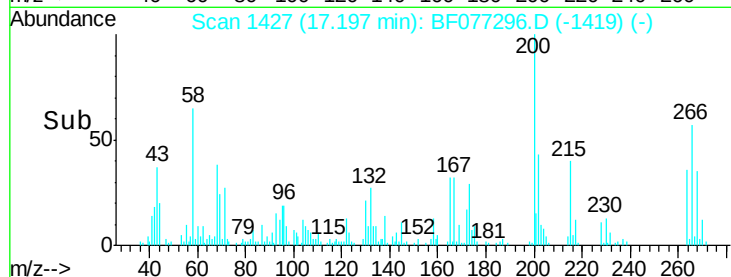
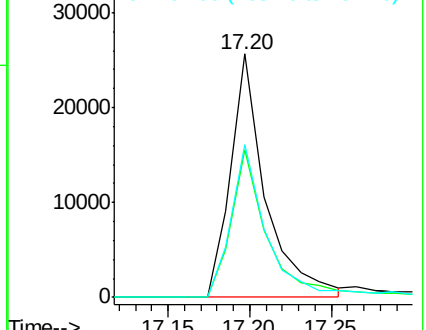
264 62.9 49.5 74.3



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: 49.79 ng

RT: 17.47 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

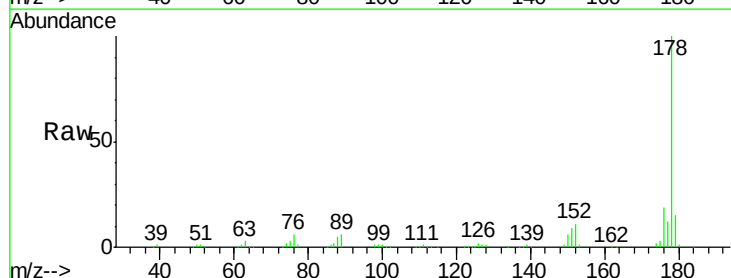
Tgt Ion:178 Resp: 306019

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

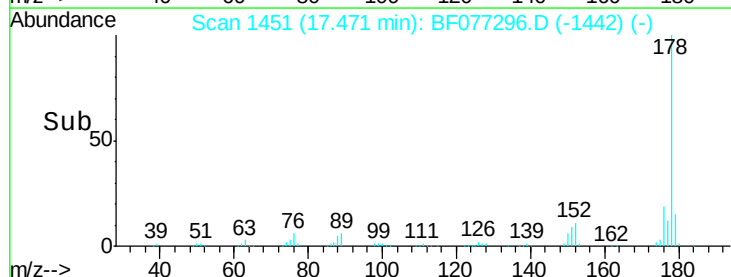
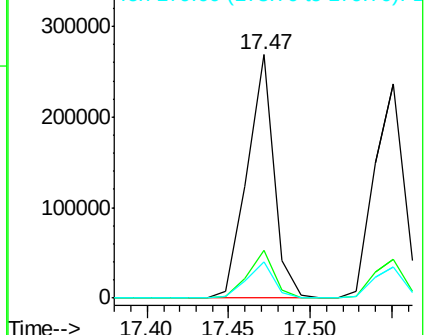
179 14.7 12.1 18.1

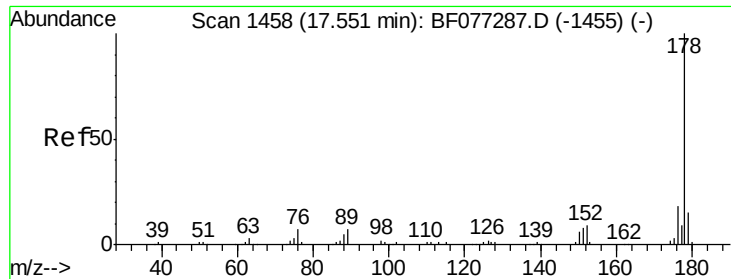


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

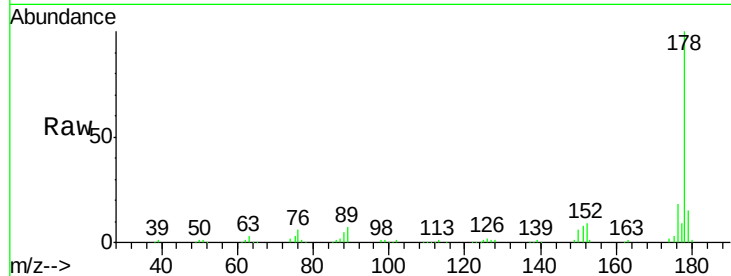




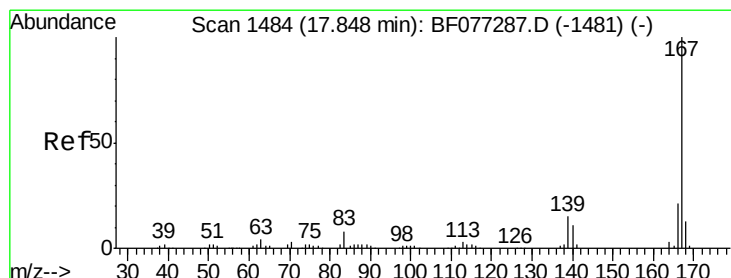
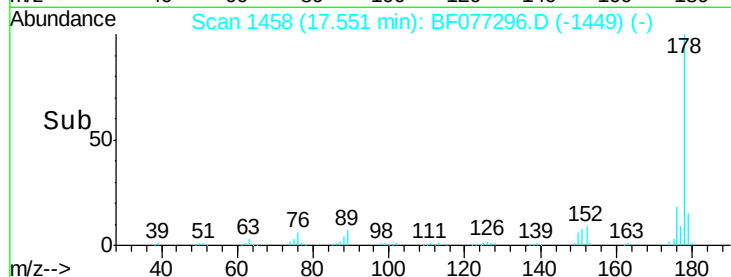
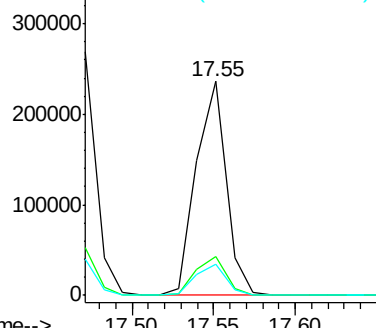
#71  
 Anthracene  
 Concen: 48.62 ng  
 RT: 17.55 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tgt Ion:178 Resp: 299781  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 14.6 22.0  
 179 14.8 12.1 18.1

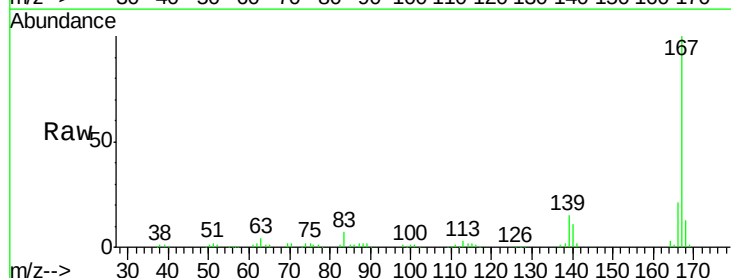


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

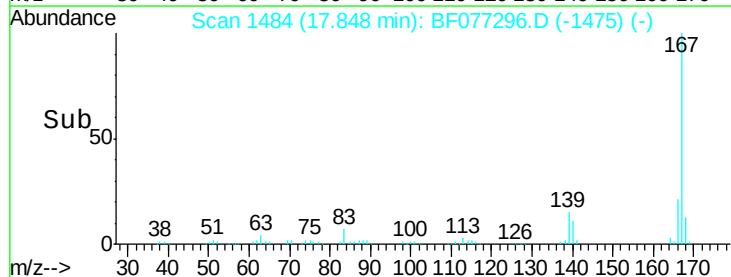
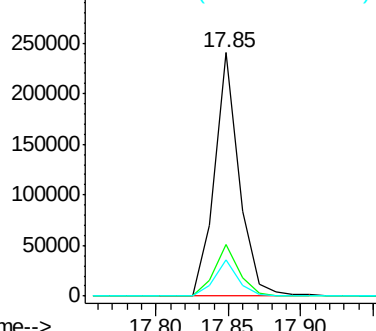


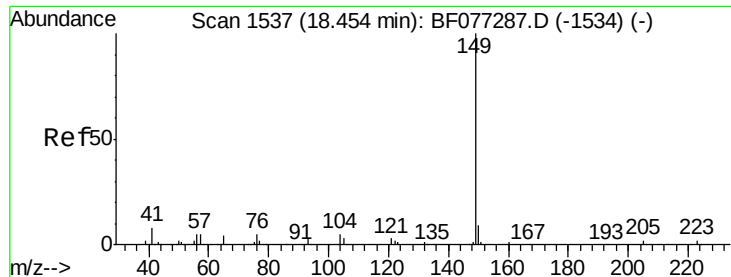
#72  
 Carbazole  
 Concen: 48.11 ng  
 RT: 17.85 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:167 Resp: 283337  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.6  
 139 14.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.65 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

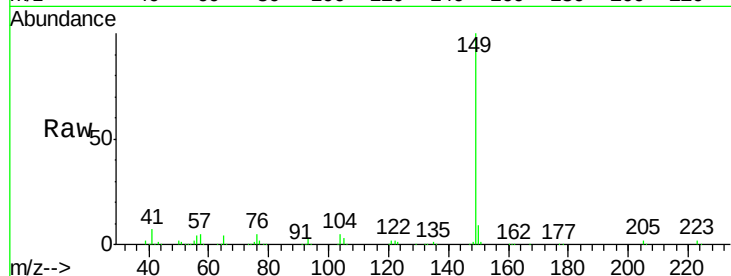
Tgt Ion:149 Resp: 379677

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

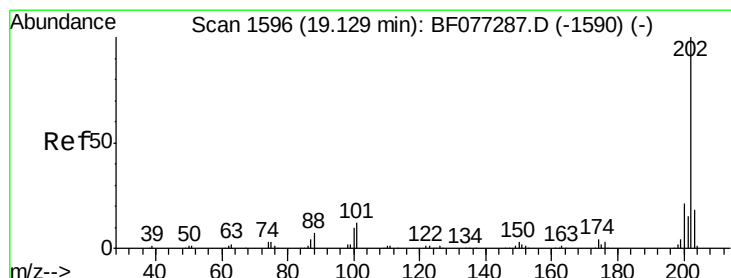
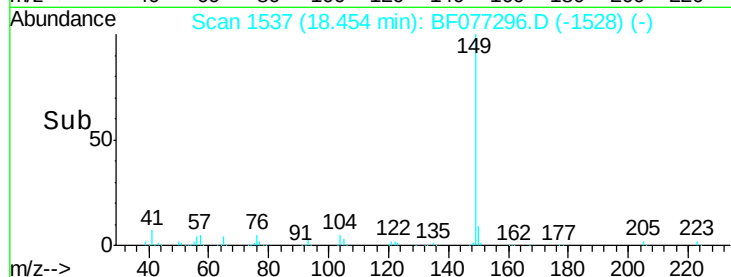
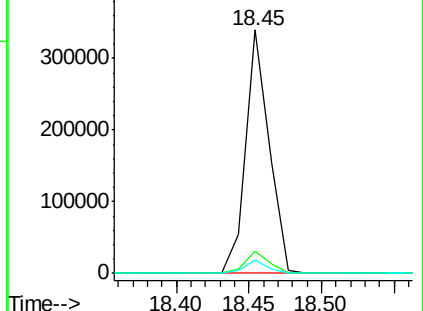
104 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.48 ng

RT: 19.13 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

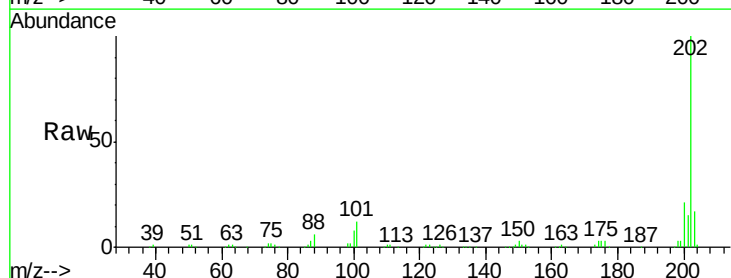
Tgt Ion:202 Resp: 300580

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.4

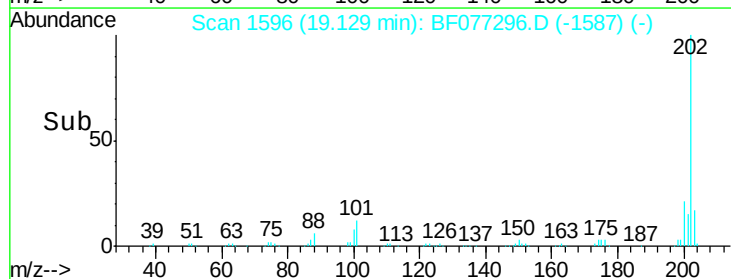
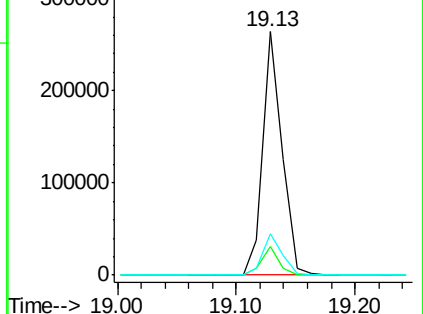
203 17.2 0.0 37.8



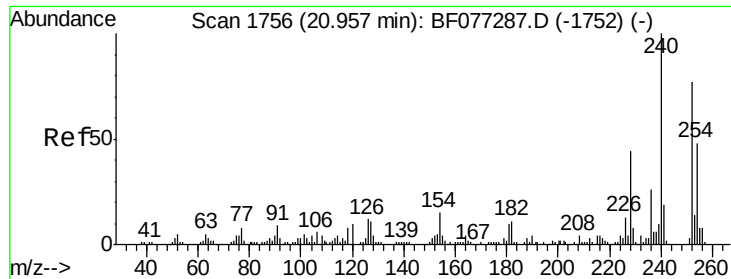
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

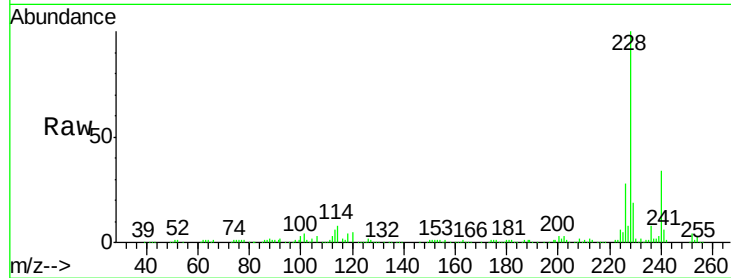
Tgt Ion:240 Resp: 94954

Ion Ratio Lower Upper

240 100

120 13.8 7.8 11.8#

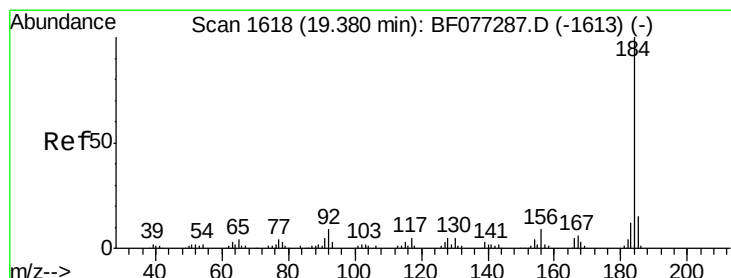
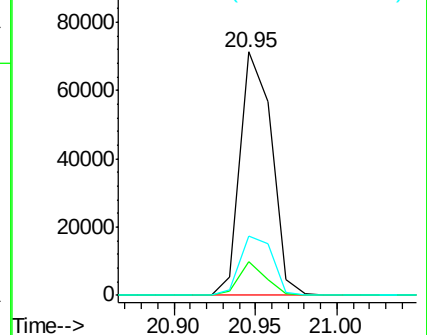
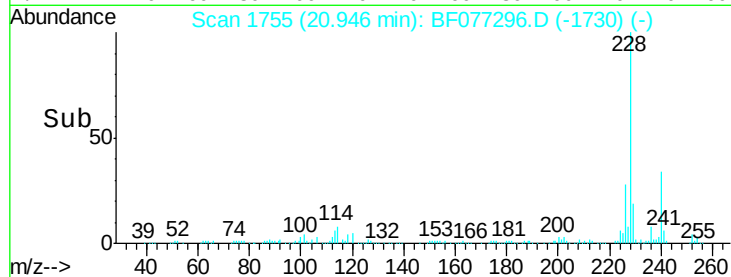
236 24.6 20.4 30.6



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: 5.10 ng

RT: 19.39 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

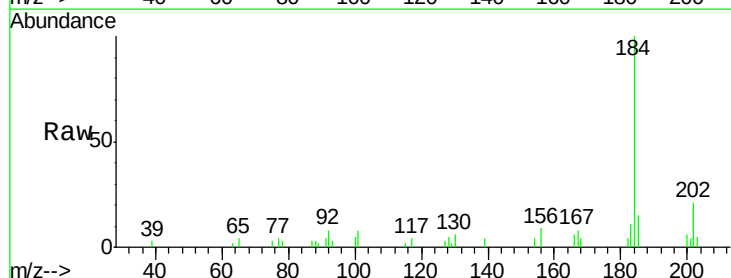
Tgt Ion:184 Resp: 19639

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.6

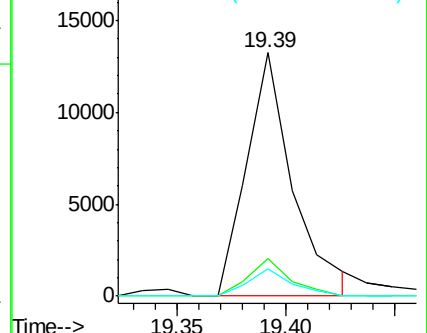
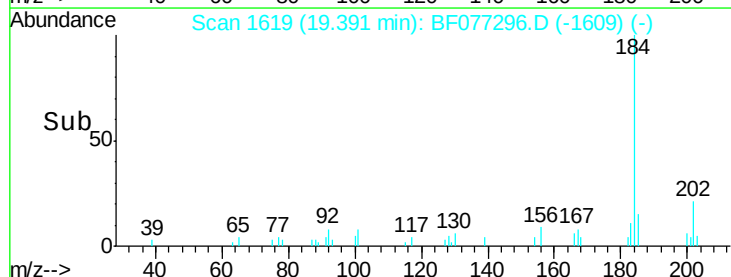
183 11.0 9.3 13.9

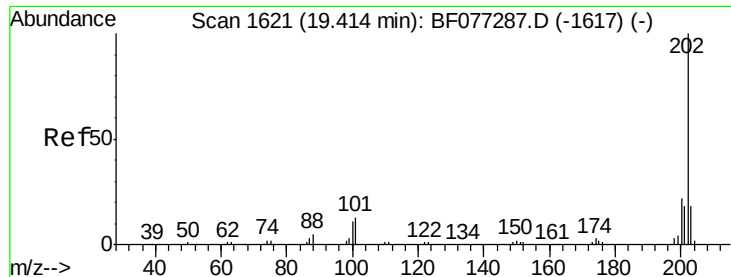


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.26 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

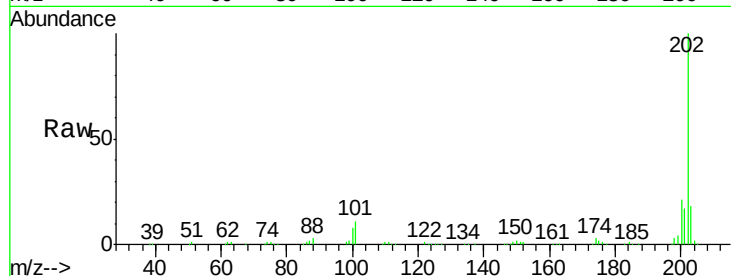
Tgt Ion:202 Resp: 318293

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

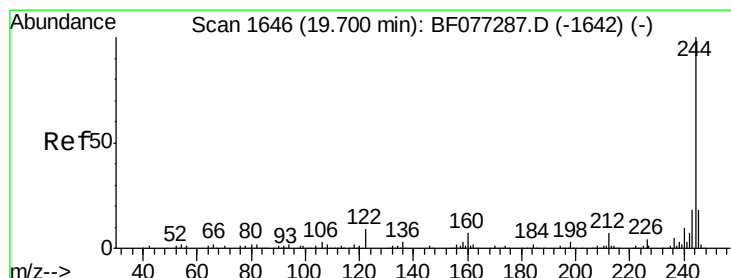
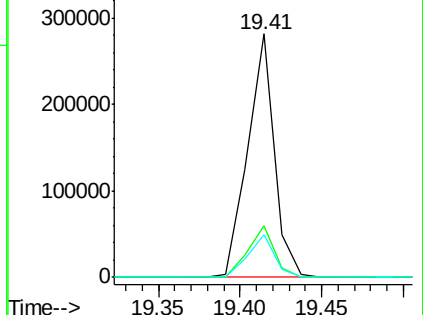
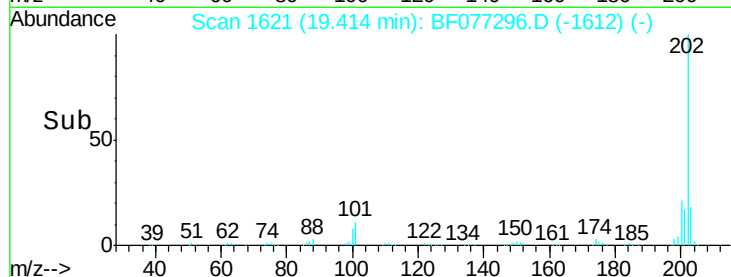
203 17.6 14.1 21.1



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: 101.91 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

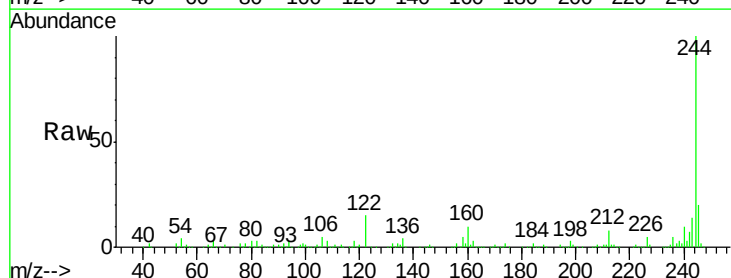
Tgt Ion:244 Resp: 430807

Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

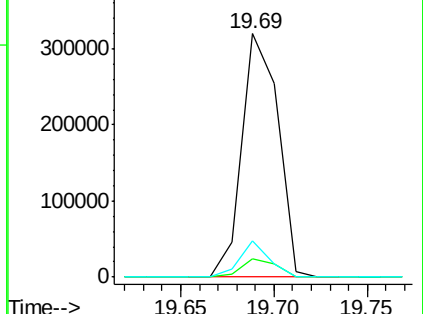
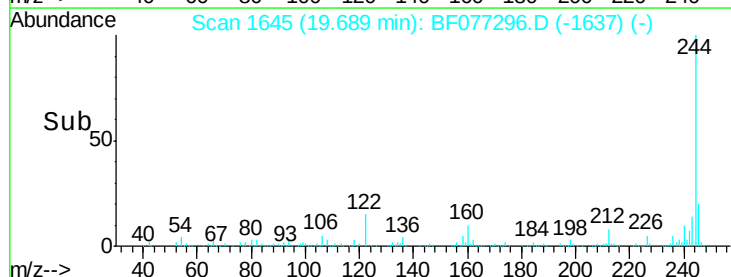
122 14.7 7.0 10.4#

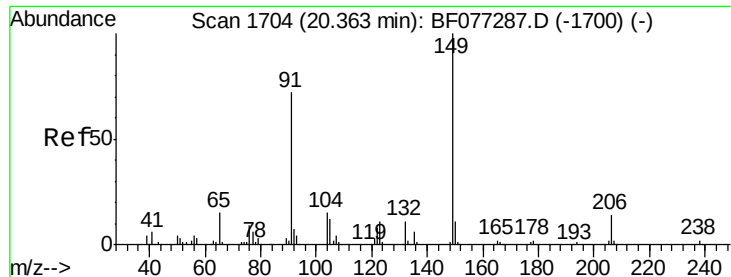


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

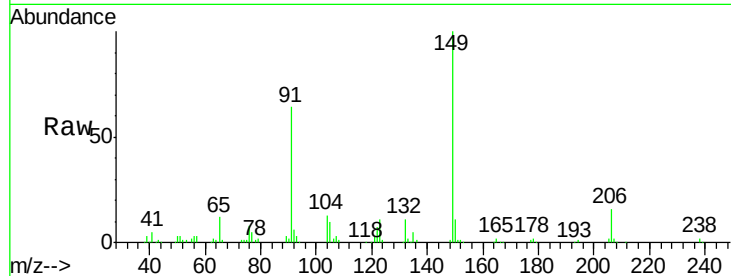




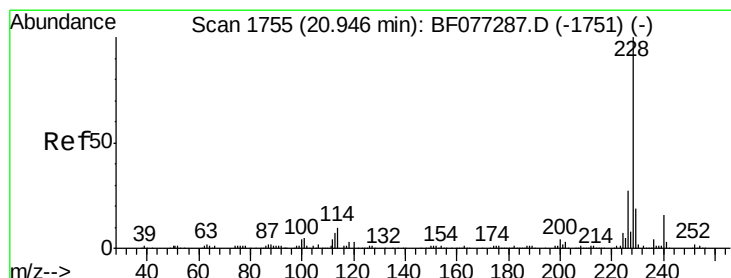
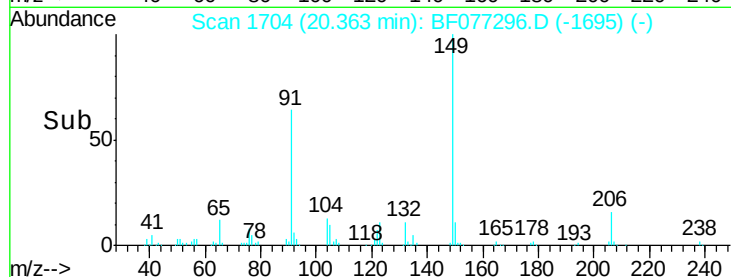
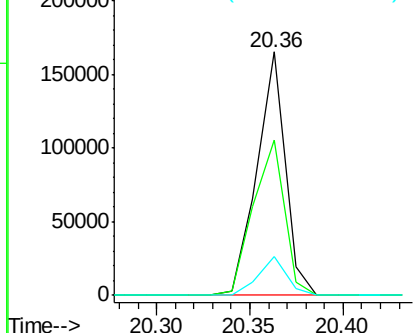
#79  
Butylbenzylphthalate  
Concen: 54.30 ng  
RT: 20.36 min Scan# 1704  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:149 Resp: 174112  
Ion Ratio Lower Upper  
149 100  
91 63.6 57.3 85.9  
206 16.0 11.6 17.4

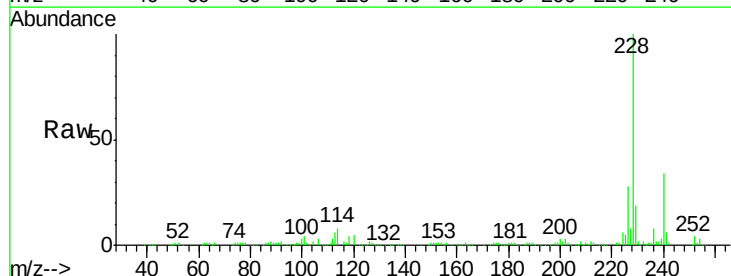


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

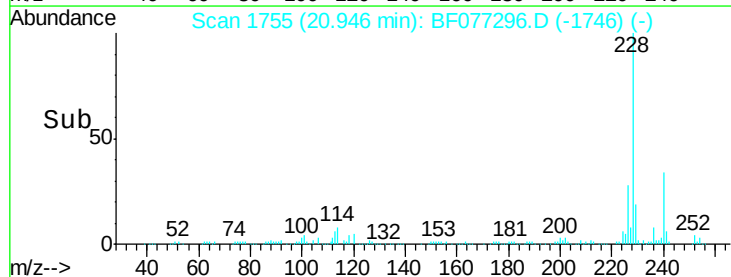
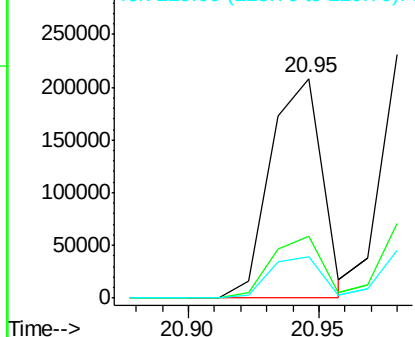


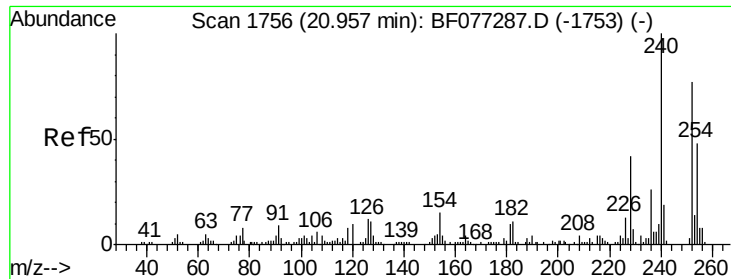
#80  
Benzo(a)anthracene  
Concen: 48.71 ng  
RT: 20.95 min Scan# 1755  
Delta R.T. 0.00 min  
Lab File: BF077296.D  
Acq: 12 Feb 2015 22:17

Tgt Ion:228 Resp: 284694  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.4 32.2  
229 19.1 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

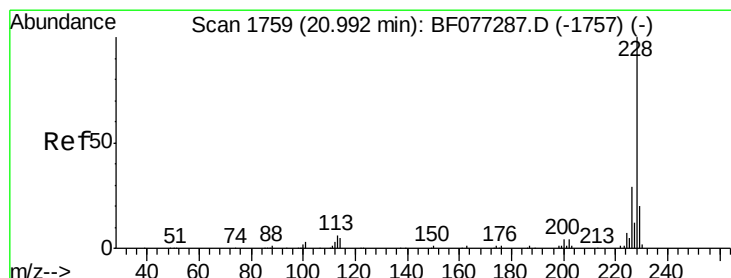
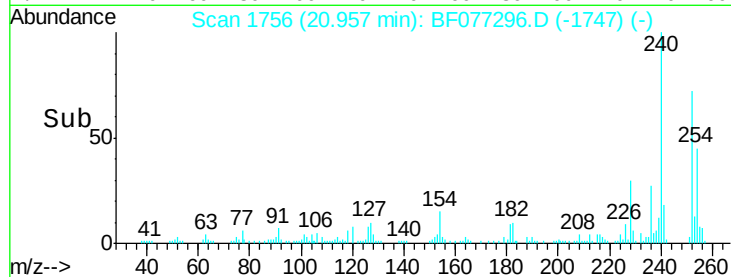
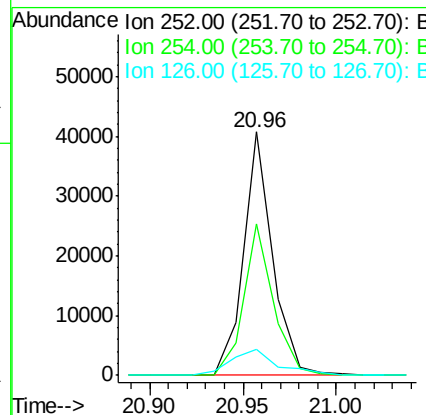
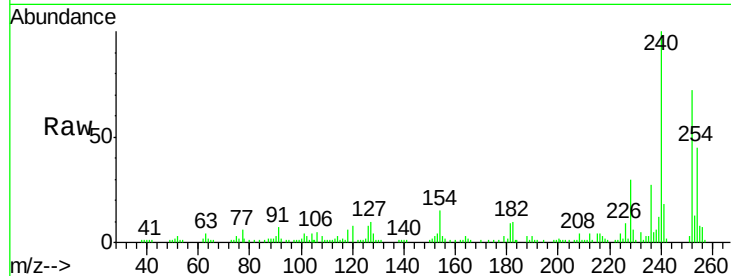




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.64 ng  
 RT: 20.96 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

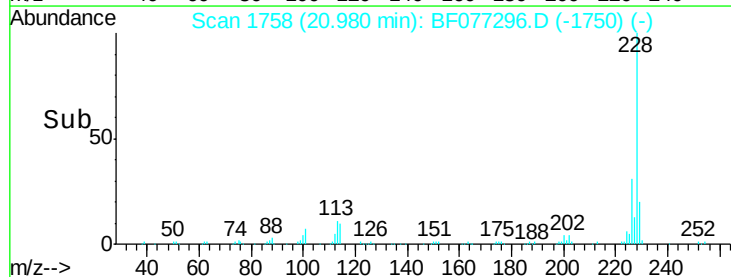
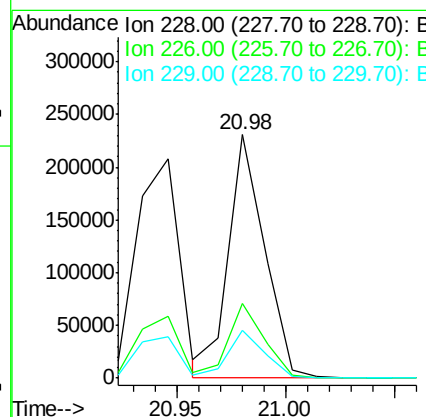
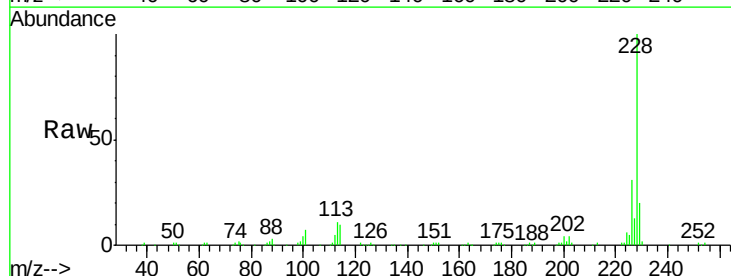
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

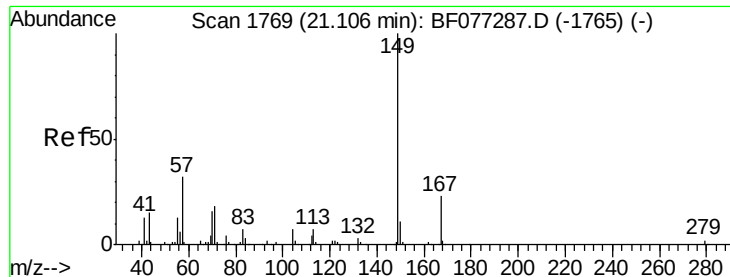
Tgt Ion:252 Resp: 44357  
 Ion Ratio Lower Upper  
 252 100  
 254 62.5 49.5 74.3  
 126 10.8 12.6 19.0#



#82  
 Chrysene  
 Concen: 49.88 ng  
 RT: 20.98 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion:228 Resp: 264180  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 24.3 36.5  
 229 19.6 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.65 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

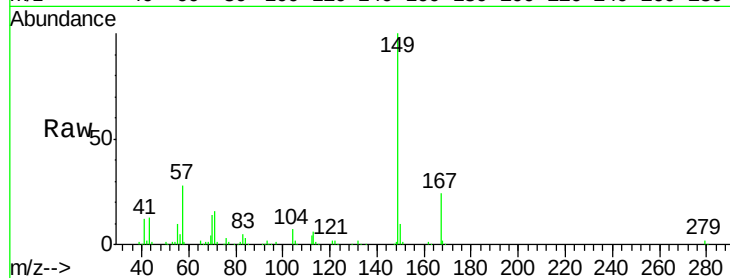
Tgt Ion:149 Resp: 260718

Ion Ratio Lower Upper

149 100

167 23.8 18.6 28.0

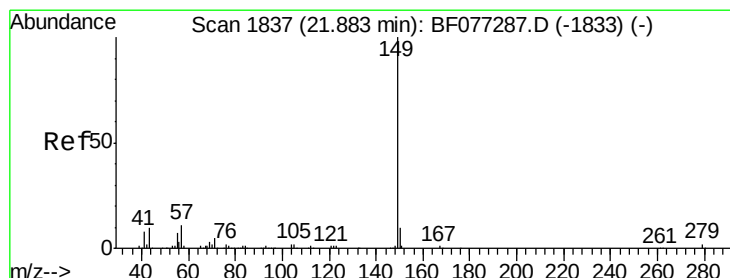
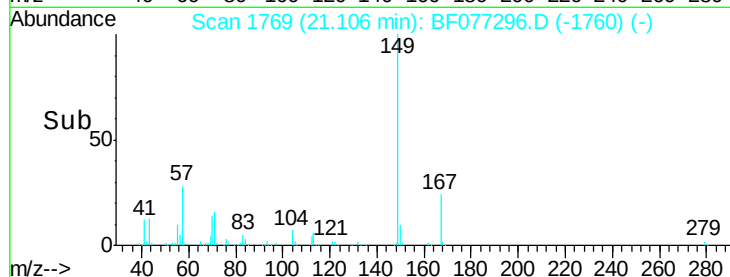
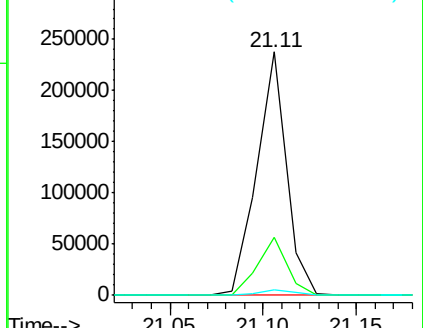
279 2.4 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.04 ng

RT: 21.86 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

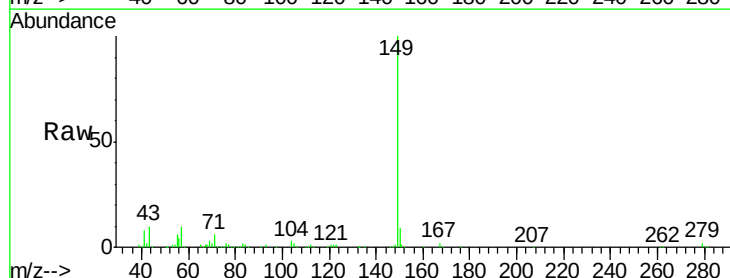
Tgt Ion:149 Resp: 443379

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

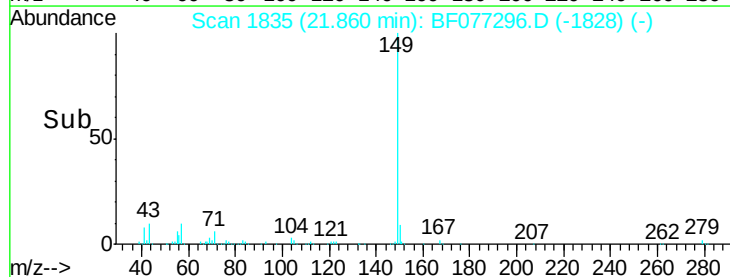
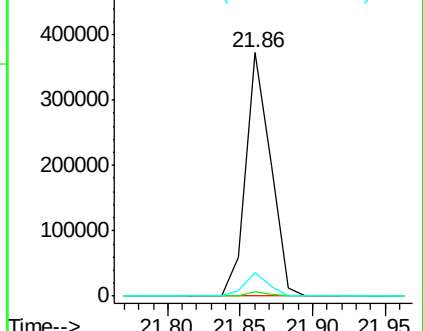
43 9.3 7.3 10.9

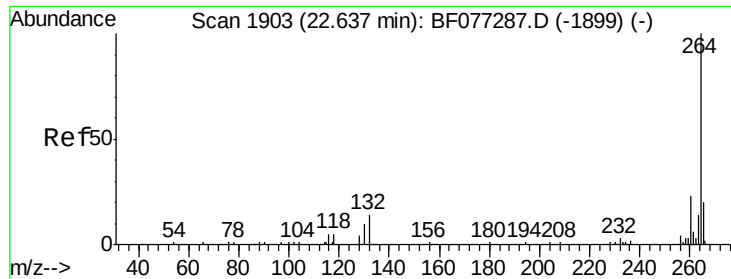


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

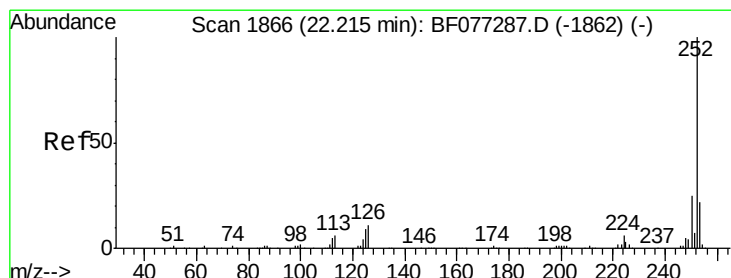
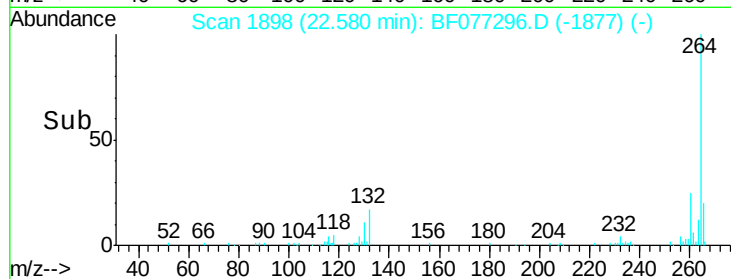
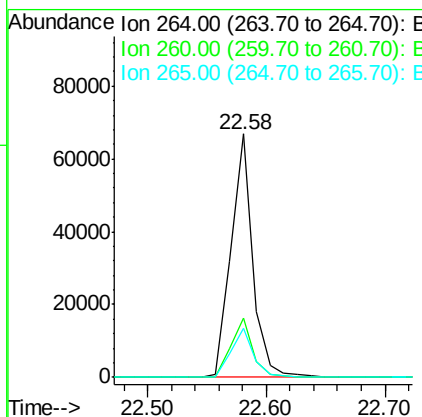
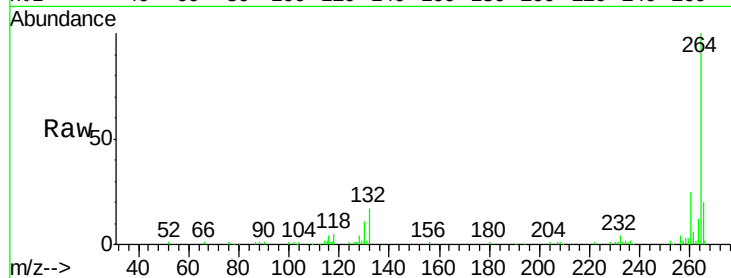




#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 22.58 min Scan# 1898  
 Delta R.T. -0.06 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

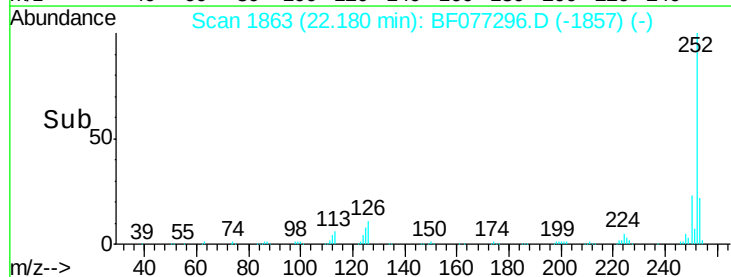
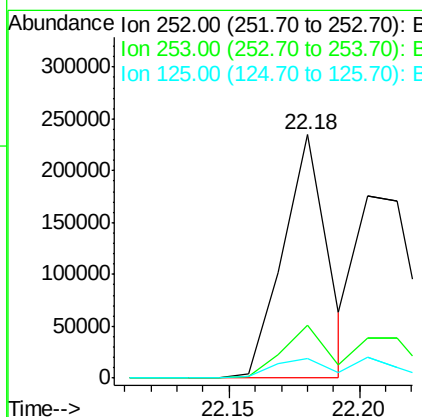
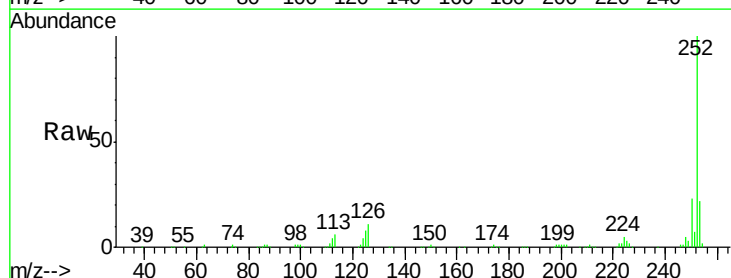
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

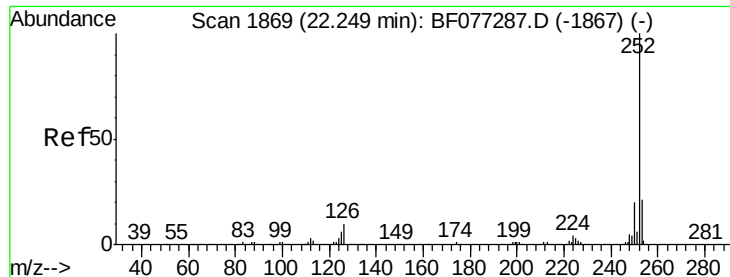
Tgt Ion: 264 Resp: 84288  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 18.6 27.8  
 265 20.2 16.2 24.2



#87  
 Benzo(b)fluoranthene  
 Concen: 46.17 ng  
 RT: 22.18 min Scan# 1863  
 Delta R.T. -0.03 min  
 Lab File: BF077296.D  
 Acq: 12 Feb 2015 22:17

Tgt Ion: 252 Resp: 277134  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.4 26.2  
 125 7.9 7.1 10.7





#88

Benzo(k)fluoranthene

Concen: 61.13 ng

RT: 22.18 min Scan# 1863

Delta R.T. -0.07 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

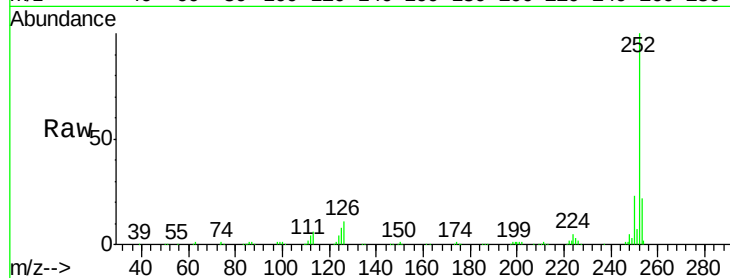
Tgt Ion:252 Resp: 277134

Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

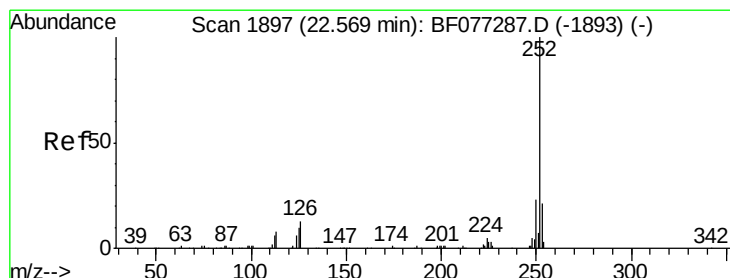
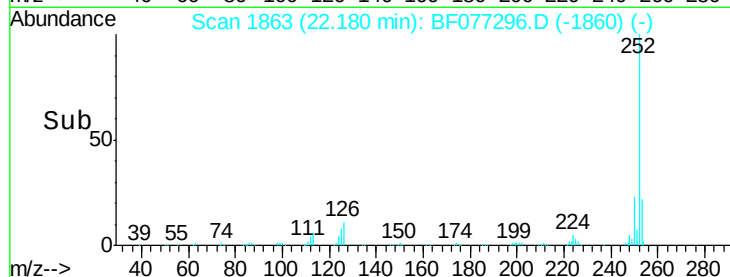
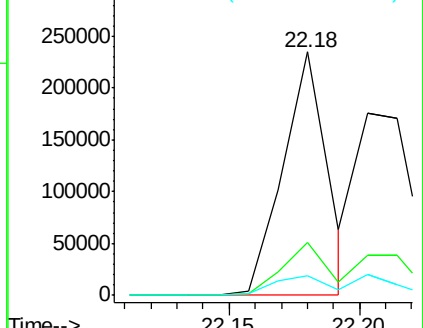
125 7.9 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 49.41 ng

RT: 22.52 min Scan# 1893

Delta R.T. -0.05 min

Lab File: BF077296.D

Acq: 12 Feb 2015 22:17

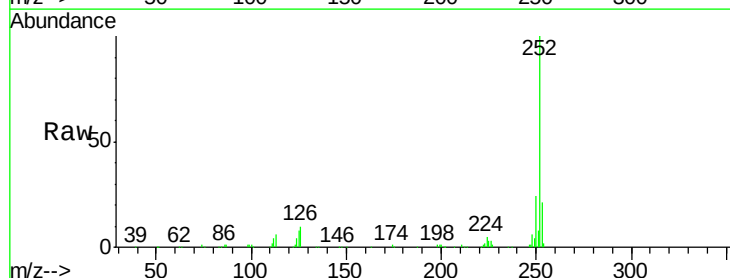
Tgt Ion:252 Resp: 246928

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

125 8.1 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

