

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\  
 Data File : BF081473.D  
 Acq On : 5 Sep 2015 19:25  
 Operator : UM/IZ  
 Sample : G3559-05MSD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 07 02:52:30 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 07 02:47:26 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.35  | 152  | 50927    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.64  | 136  | 195475   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.39  | 164  | 92733    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.86 | 188  | 188378   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.46 | 240  | 149574   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.77 | 264  | 100818   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 4.90  | 112 | 418189 | 127.40 | ng | 0.01  |
| 7) Phenol-d6                | 6.03  | 99  | 563015 | 129.58 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 6.94  | 82  | 375367 | 92.65  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.18 | 330 | 138319 | 167.52 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 8.73  | 172 | 527190 | 72.85  | ng | 0.00  |
| 78) Terphenyl-d14           | 12.43 | 244 | 552041 | 85.91  | ng | 0.00  |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.71 | 88  | 48220  | 32.71 | ng | # 85   |
| 3) Pyridine                    | 2.25 | 79  | 136247 | 33.52 | ng | # 88   |
| 4) n-Nitrosodimethylamine      | 2.22 | 42  | 100305 | 44.42 | ng | # 78   |
| 6) Aniline                     | 6.02 | 93  | 201529 | 32.85 | ng | # 76   |
| 8) 2-Chlorophenol              | 6.15 | 128 | 167987 | 46.44 | ng | 92     |
| 9) Benzaldehyde                | 5.90 | 77  | 16603  | 6.10  | ng | # 79   |
| 10) Phenol                     | 6.04 | 94  | 213374 | 42.35 | ng | # 46   |
| 11) bis(2-Chloroethyl)ether    | 6.11 | 93  | 168391 | 46.32 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 6.30 | 146 | 163153 | 42.22 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 6.38 | 146 | 167509 | 42.57 | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 6.52 | 146 | 138365 | 39.05 | ng | # 86   |
| 15) Benzyl Alcohol             | 6.52 | 79  | 155935 | 43.75 | ng | # 72   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.67 | 45  | 332935 | 47.78 | ng | 83     |
| 17) 2-Methylphenol             | 6.66 | 107 | 141452 | 49.01 | ng | # 76   |
| 18) Hexachloroethane           | 6.87 | 117 | 61222  | 39.99 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 6.81 | 70  | 145535 | 49.22 | ng | # 84   |
| 20) 3+4-Methylphenols          | 6.82 | 107 | 187447 | 48.17 | ng | 88     |
| 22) Acetophenone               | 6.79 | 105 | 251350 | 47.08 | ng | # 75   |
| 24) Nitrobenzene               | 6.96 | 77  | 198481 | 47.17 | ng | # 63   |
| 25) Isophorone                 | 7.21 | 82  | 359354 | 47.69 | ng | # 87   |
| 26) 2-Nitrophenol              | 7.28 | 139 | 91358  | 49.82 | ng | # 51   |
| 27) 2,4-Dimethylphenol         | 7.35 | 122 | 153456 | 48.45 | ng | # 85   |
| 28) bis(2-Chloroethoxy)methane | 7.43 | 93  | 194161 | 44.60 | ng | # 90   |
| 29) 2,4-Dichlorophenol         | 7.53 | 162 | 140507 | 51.16 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.60 | 180 | 143198 | 47.99 | ng | 97     |
| 31) Naphthalene                | 7.67 | 128 | 434582 | 41.69 | ng | 98     |
| 32) Benzoic acid               | 7.45 | 122 | 10364  | 6.88  | ng | # 60   |
| 33) 4-Chloroaniline            | 7.74 | 127 | 113538 | 26.70 | ng | # 82   |
| 34) Hexachlorobutadiene        | 7.80 | 225 | 78706  | 43.34 | ng | 98     |
| 35) Caprolactam                | 8.12 | 113 | 25693  | 30.50 | ng | # 28   |
| 36) 4-Chloro-3-methylphenol    | 8.25 | 107 | 174634 | 56.80 | ng | # 75   |
| 37) 2-Methylnaphthalene        | 8.36 | 142 | 335574 | 49.46 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.54 | 216 | 129128 | 44.03 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.51 | 237 | 129968 | 90.30 | ng | 95     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.65  | 196  | 92119    | 45.51  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.71  | 196  | 98441    | 47.67  | nq #  | 93       |
| 45) 1,1'-Biphenyl              | 8.83  | 154  | 383449   | 44.95  | nq    | 93       |
| 46) 2-Chloronaphthalene        | 8.84  | 162  | 280283   | 45.49  | nq #  | 89       |
| 47) 2-Nitroaniline             | 8.96  | 65   | 139280   | 55.47  | nq #  | 69       |
| 48) Acenaphthylene             | 9.26  | 152  | 496212   | 45.40  | nq    | 97       |
| 49) Dimethylphthalate          | 9.15  | 163  | 550638   | 76.43  | nq #  | 97       |
| 50) 2,6-Dinitrotoluene         | 9.21  | 165  | 79448    | 48.58  | nq    | 93       |
| 51) Acenaphthene               | 9.43  | 154  | 301186   | 48.44  | nq    | 90       |
| 52) 3-Nitroaniline             | 9.37  | 138  | 72887    | 39.15  | nq #  | 67       |
| 53) 2,4-Dinitrophenol          | 9.47  | 184  | 35795    | 51.97  | nq #  | 1        |
| 54) Dibenzofuran               | 9.60  | 168  | 446683   | 49.20  | nq #  | 91       |
| 55) 4-Nitrophenol              | 9.60  | 139  | 294611   | 251.90 | nq #  | 32       |
| 56) 2,4-Dinitrotoluene         | 9.60  | 165  | 98676    | 47.39  | nq #  | 3        |
| 57) Fluorene                   | 9.93  | 166  | 312836   | 45.40  | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.68  | 232  | 76600    | 48.59  | nq    | 93       |
| 59) Diethylphthalate           | 9.84  | 149  | 359513   | 47.44  | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 9.94  | 204  | 165931   | 51.67  | nq    | 95       |
| 61) 4-Nitroaniline             | 9.98  | 138  | 79414    | 42.22  | nq #  | 23       |
| 62) Azobenzene                 | 10.09 | 77   | 392377   | 46.57  | nq #  | 81       |
| 64) 4,6-Dinitro-2-methylphenol | 10.01 | 198  | 52664    | 49.98  | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.07 | 169  | 305882   | 44.62  | nq    | 92       |
| 66) 4-Bromophenyl-phenylether  | 10.42 | 248  | 93577    | 49.13  | nq    | 96       |
| 67) Hexachlorobenzene          | 10.48 | 284  | 93365    | 46.88  | nq #  | 77       |
| 68) Atrazine                   | 10.60 | 200  | 106849   | 53.87  | nq    | 82       |
| 69) Pentachlorophenol          | 10.67 | 266  | 95250    | 96.25  | nq    | 98       |
| 70) Phenanthrene               | 10.88 | 178  | 461682   | 44.08  | nq    | 97       |
| 71) Anthracene                 | 10.94 | 178  | 474703   | 44.12  | nq    | 98       |
| 72) Carbazole                  | 11.10 | 167  | 493051   | 48.83  | nq    | 96       |
| 73) Di-n-butylphthalate        | 11.45 | 149  | 606942   | 50.91  | nq #  | 99       |
| 74) Fluoranthene               | 12.06 | 202  | 516800   | 45.58  | nq    | 83       |
| 76) Benzidine                  | 12.19 | 184  | 235117   | 36.62  | nq    | 98       |
| 77) Pyrene                     | 12.27 | 202  | 544196   | 49.12  | nq    | 98       |
| 79) Butylbenzylphthalate       | 12.92 | 149  | 255299   | 52.98  | nq    | 87       |
| 80) Benzo(a)anthracene         | 13.45 | 228  | 413568   | 43.42  | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.43 | 252  | 99512    | 30.97  | nq #  | 96       |
| 82) Chrysene                   | 13.49 | 228  | 351355   | 41.15  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.49 | 149  | 318032   | 50.01  | nq #  | 88       |
| 84) Di-n-octyl phthalate       | 14.09 | 149  | 498371   | 47.60  | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 15.84 | 276  | 296168   | 47.28  | nq #  | 86       |
| 87) Benzo(b)fluoranthene       | 14.47 | 252  | 665998   | 92.53  | nq #  | 85       |
| 88) Benzo(k)fluoranthene       | 14.47 | 252  | 665998   | 111.51 | nq #  | 87       |
| 89) Benzo(a)pyrene             | 14.72 | 252  | 288550   | 47.31  | nq #  | 87       |
| 90) Dibenzo(a,h)anthracene     | 15.85 | 278  | 250025   | 53.05  | nq #  | 82       |
| 91) Benzo(g,h,i)perylene       | 16.16 | 276  | 250602   | 55.71  | nq #  | 74       |

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



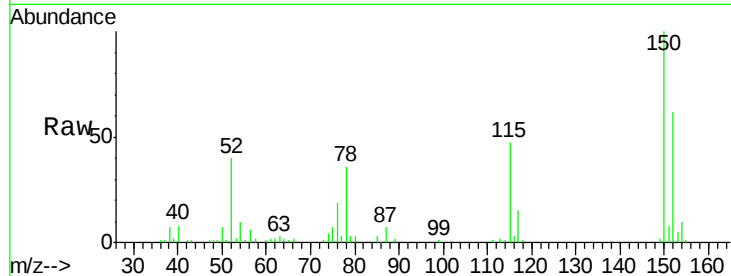


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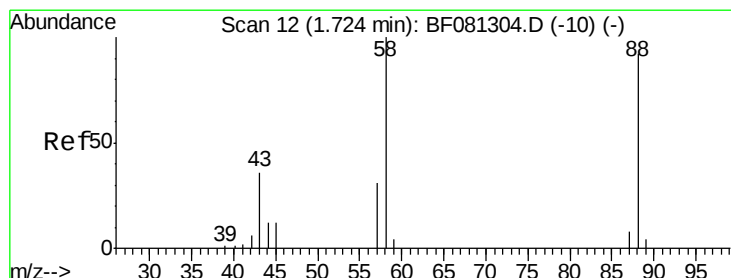
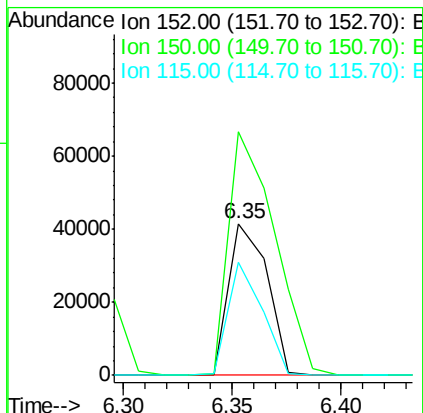
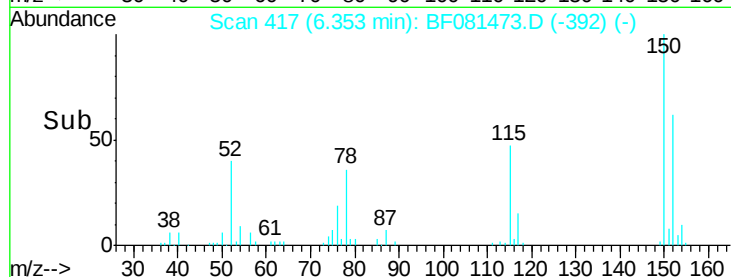
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.35 min Scan# 417  
Delta R.T. -0.01 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 50927  
Ion Ratio Lower Upper  
152 100  
150 160.2 124.7 187.1  
115 74.8 39.0 58.4#



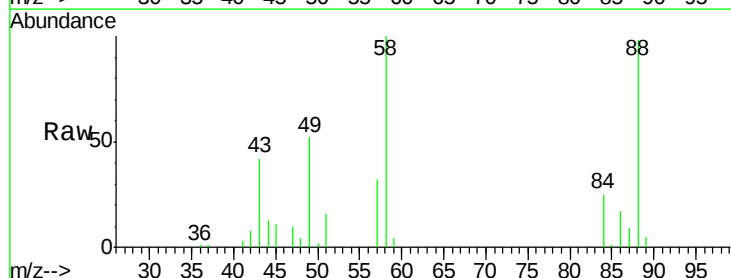
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



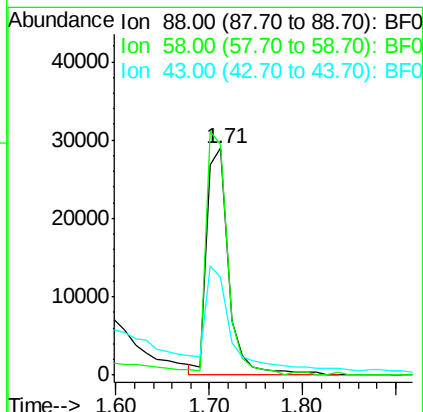
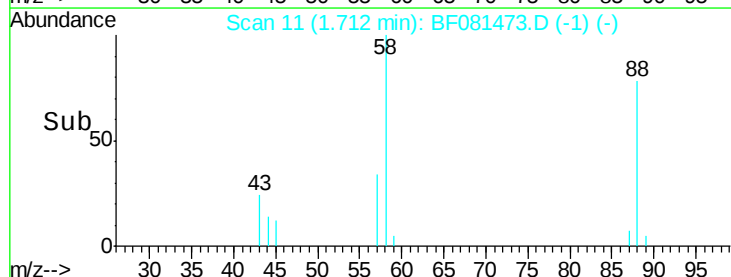
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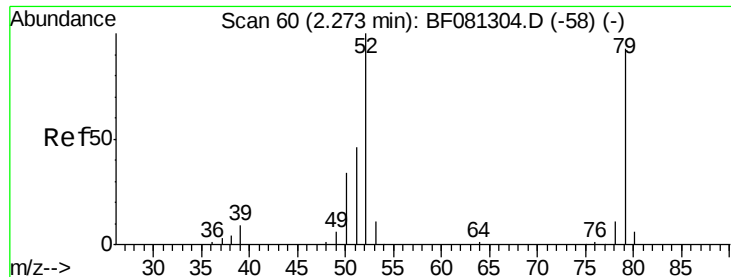
1,4-Dioxane  
Concen: 32.71 ng  
RT: 1.71 min Scan# 11  
Delta R.T. 0.05 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion: 88 Resp: 48220  
Ion Ratio Lower Upper  
88 100  
58 104.2 77.7 116.5  
43 54.1 26.6 40.0#



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





#3

Pvridine

Concen: 33.52 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

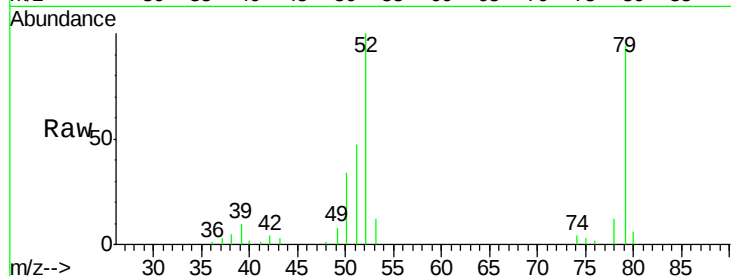
Tot Ion: 79 Resp: 136247

Ion Ratio Lower Upper

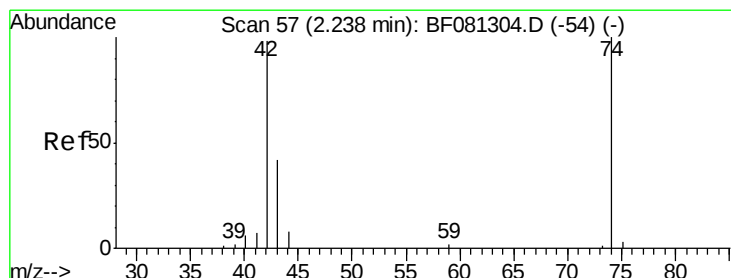
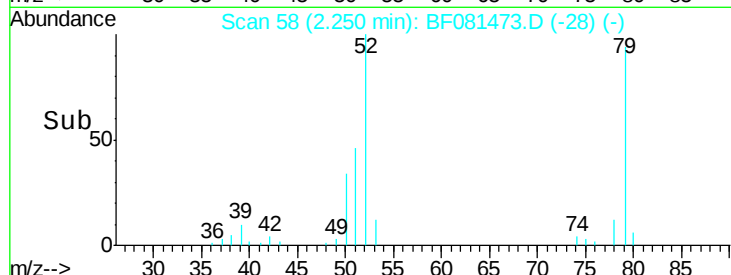
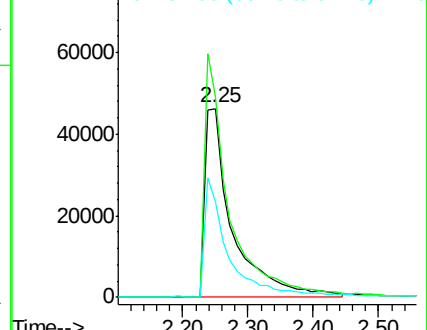
79 100

52 106.2 76.8 115.2

51 50.2 32.2 48.4#



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: 44.42 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.03 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

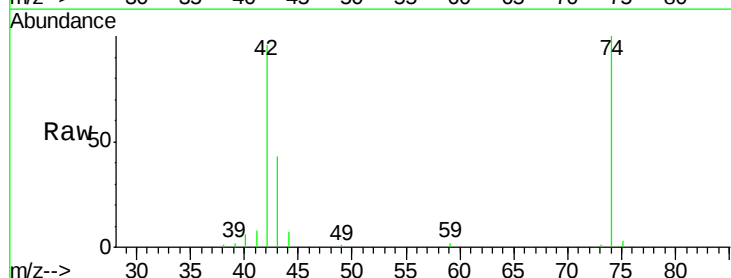
Tgt Ion: 42 Resp: 100305

Ion Ratio Lower Upper

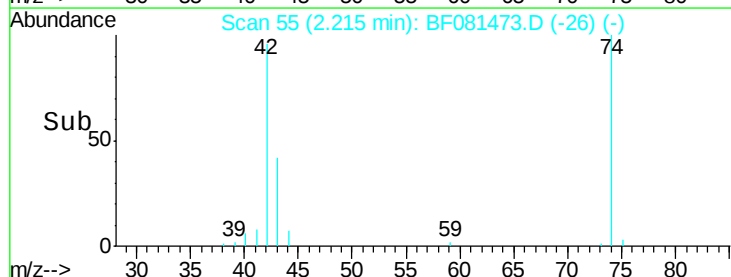
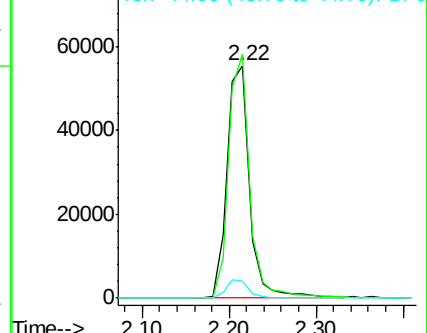
42 100

74 104.7 105.0 157.6#

44 7.1 6.6 10.0



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: 127.40 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

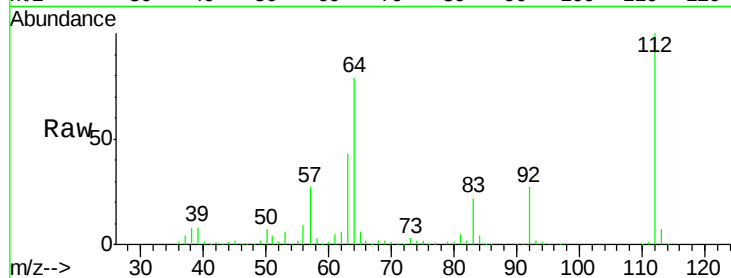
Tot Ion:112 Resp: 418189

Ion Ratio Lower Upper

112 100

64 78.8 39.7 59.5#

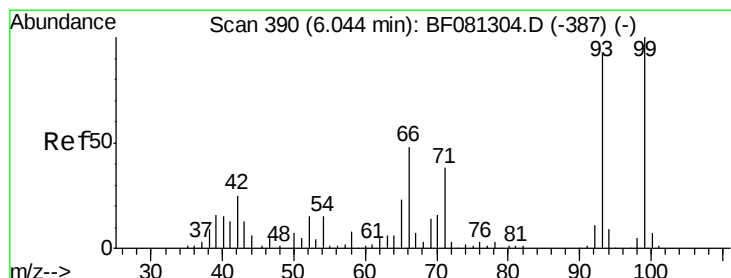
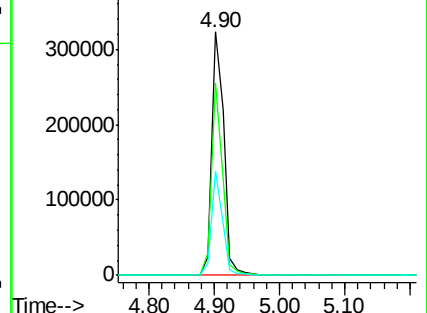
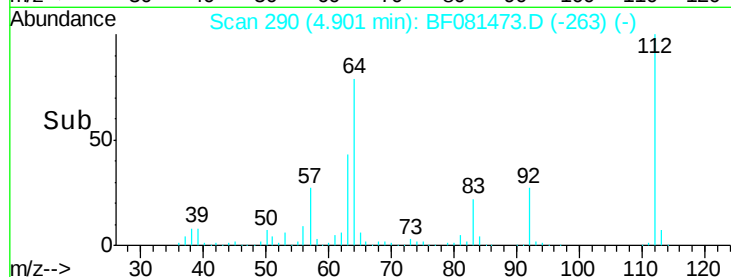
63 42.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.85 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

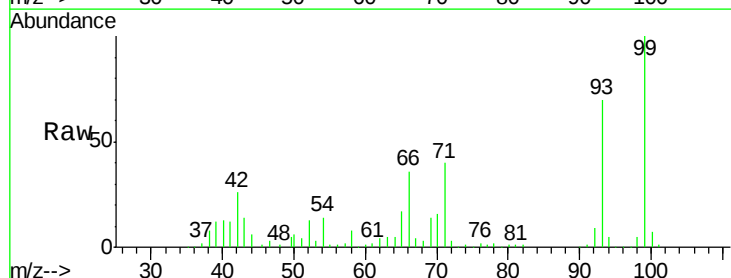
Tgt Ion: 93 Resp: 201529

Ion Ratio Lower Upper

93 100

66 51.2 27.2 40.8#

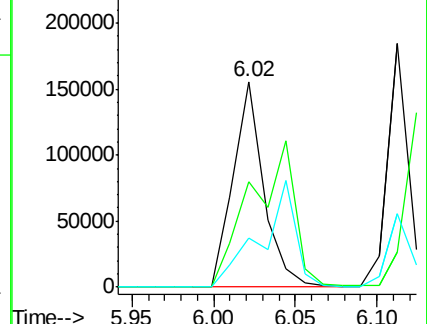
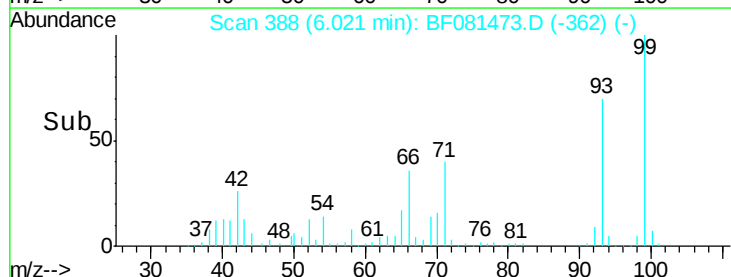
65 23.9 14.7 22.1#

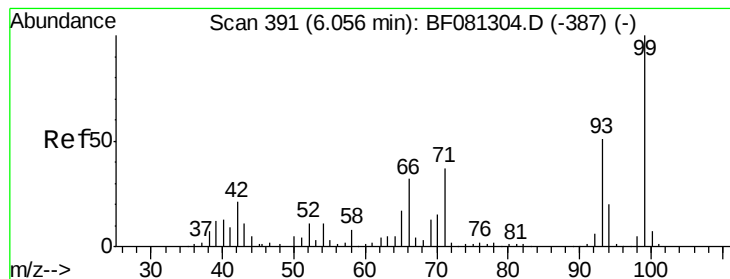


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.58 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

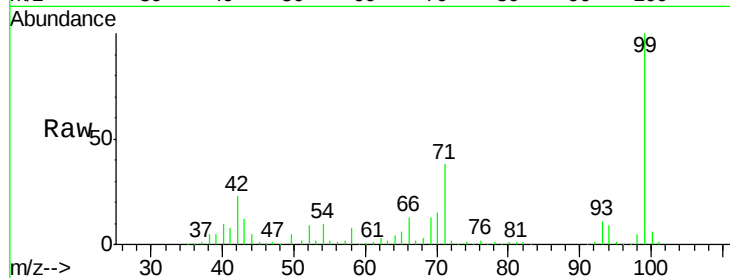
Tot Ion: 99 Resp: 563015

Ion Ratio Lower Upper

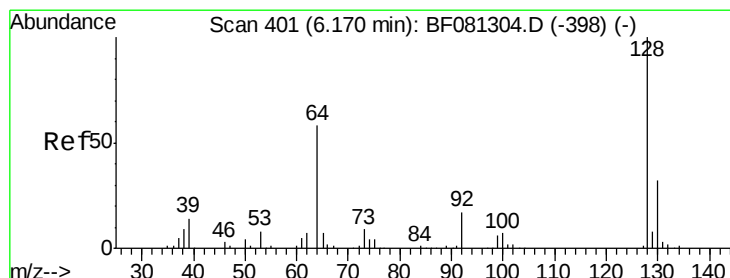
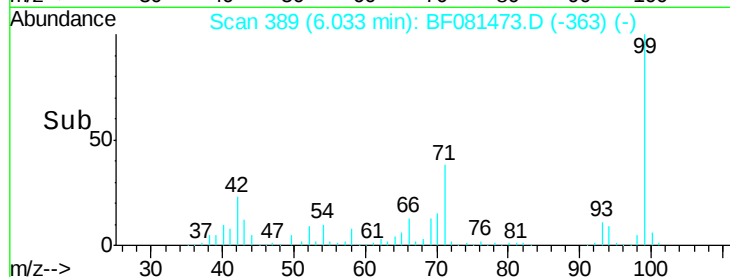
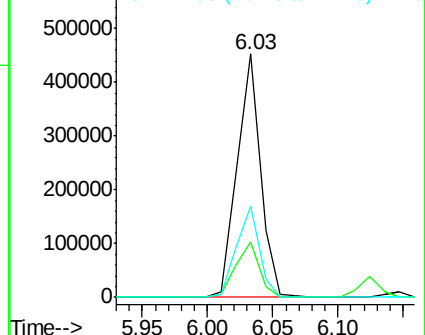
99 100

42 22.6 13.7 20.5#

71 37.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.44 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

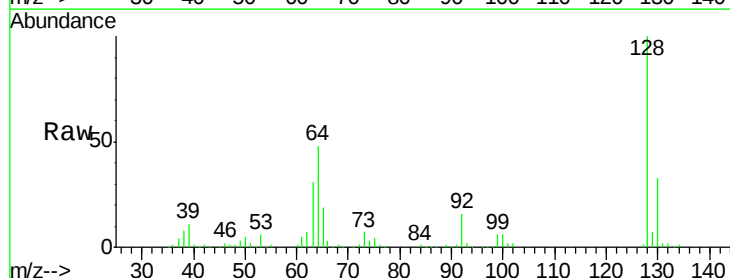
Tgt Ion: 128 Resp: 167987

Ion Ratio Lower Upper

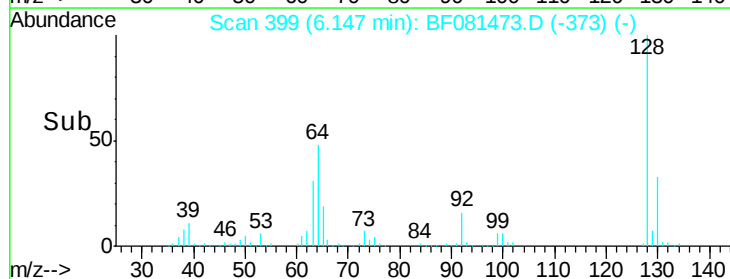
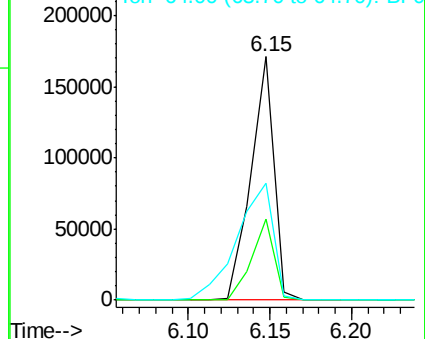
128 100

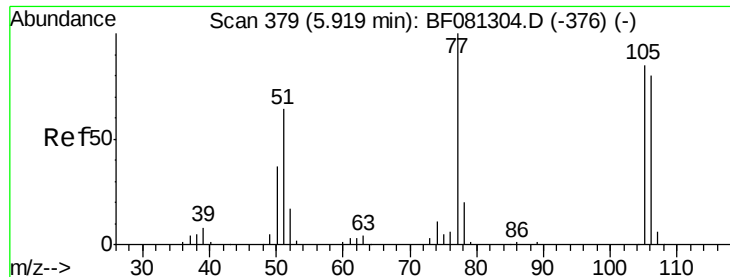
130 33.2 12.2 52.2

64 48.2 20.5 60.5



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

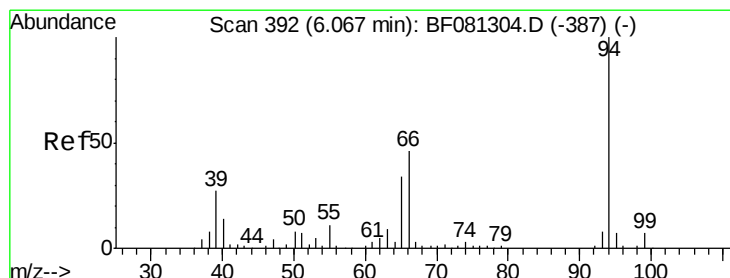
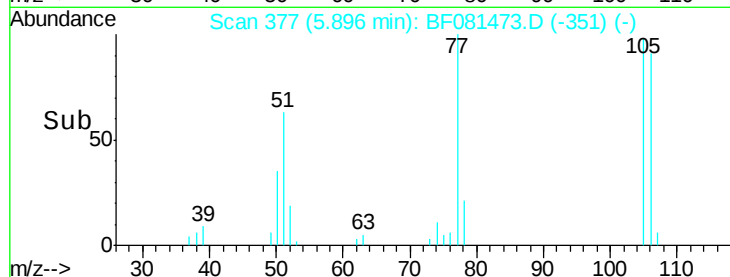
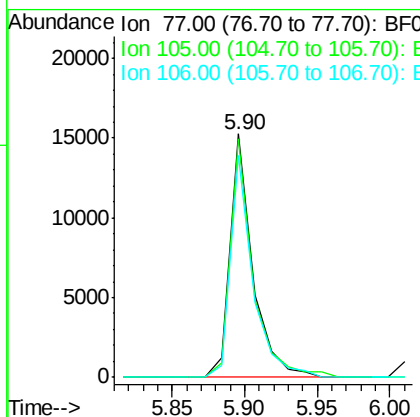
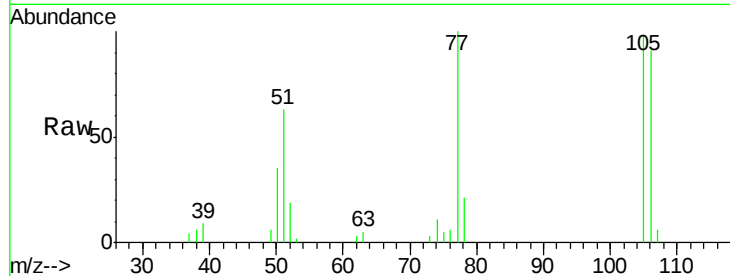




#9  
Benzaldehyde  
Concen: 6.10 ng  
RT: 5.90 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

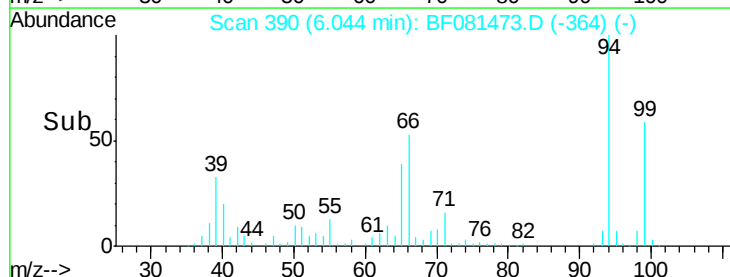
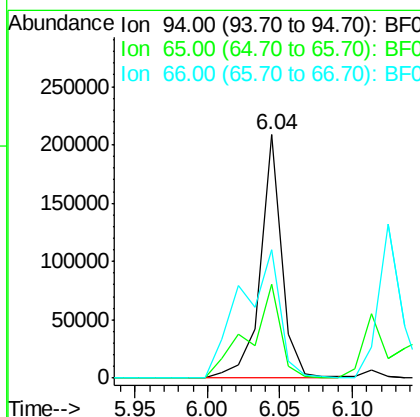
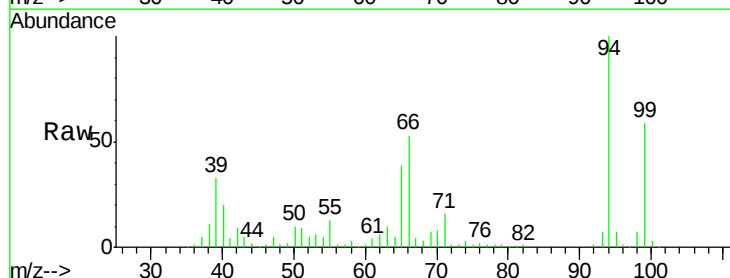
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 16603  
Ion Ratio Lower Upper  
77 100  
105 97.7 91.6 131.6  
106 91.3 102.6 142.6#



#10  
Phenol  
Concen: 42.35 ng  
RT: 6.04 min Scan# 390  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion: 94 Resp: 213374  
Ion Ratio Lower Upper  
94 100  
65 38.6 0.7 40.7  
66 52.9 0.8 40.8#

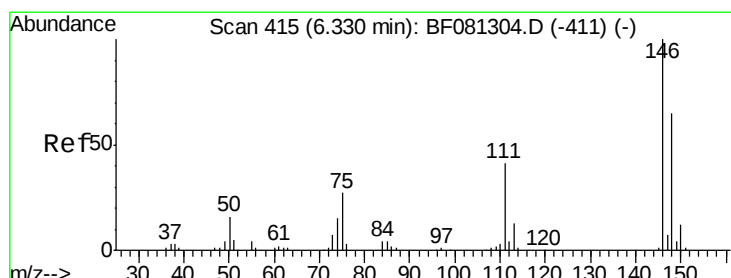
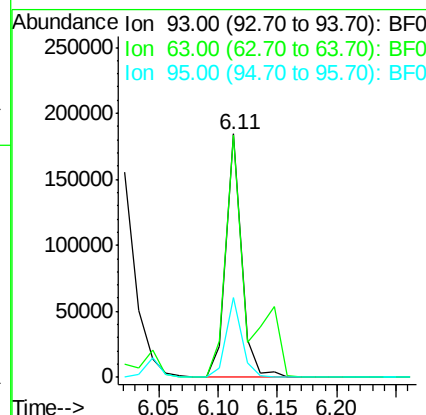
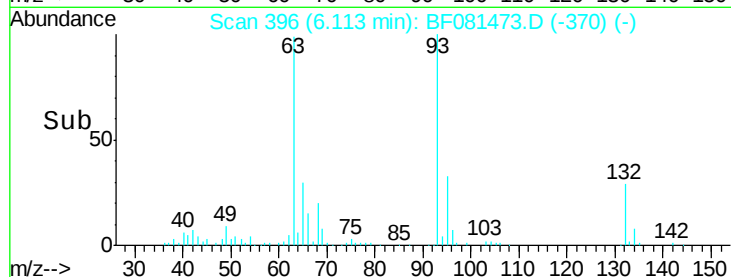
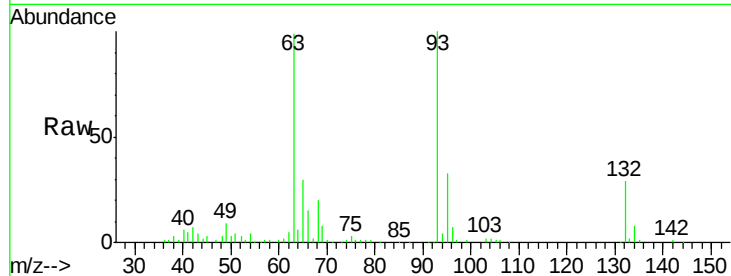




#11  
bis(2-Chloroethyl)ether  
Concen: 46.32 ng  
RT: 6.11 min Scan# 396  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

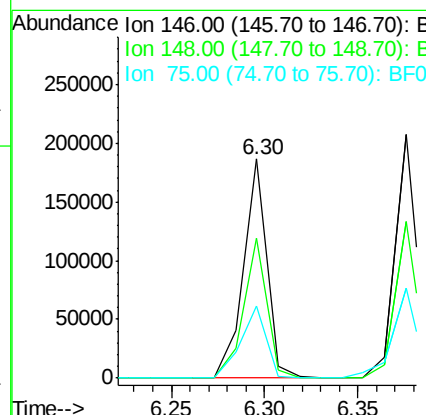
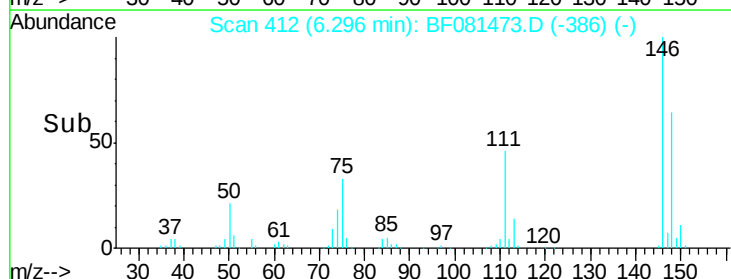
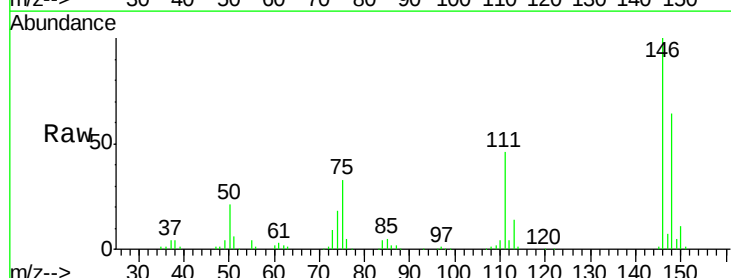
Instrument :  
BNA\_F  
ClientSampleId :

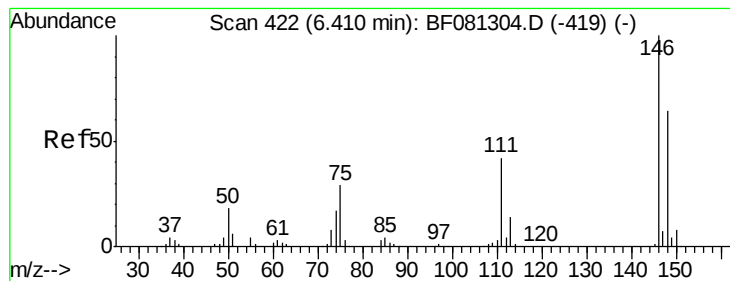
Tot Ion: 93 Resp: 168391  
Ion Ratio Lower Upper  
93 100  
63 99.3 65.6 105.6  
95 32.6 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 42.22 ng  
RT: 6.30 min Scan# 412  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion: 146 Resp: 163153  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 32.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 42.57 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

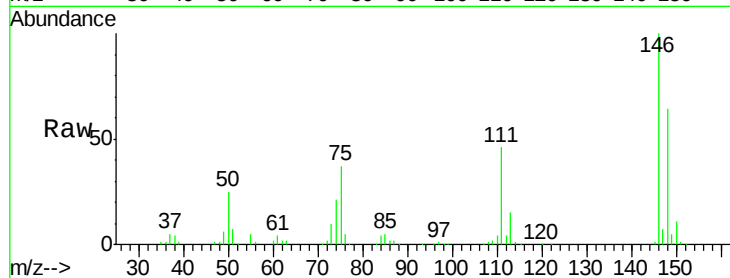
Tot Ion:146 Resp: 167509

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

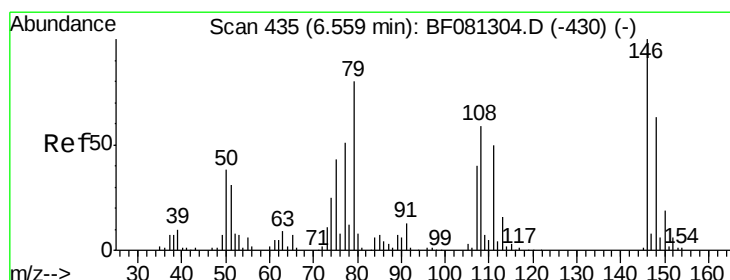
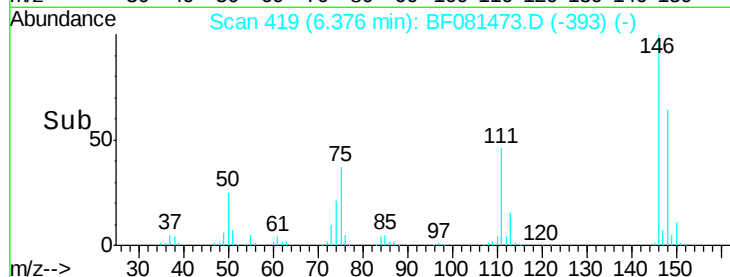
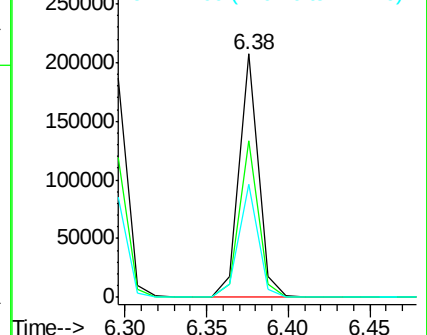
111 46.4 24.9 37.3#



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: 39.05 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

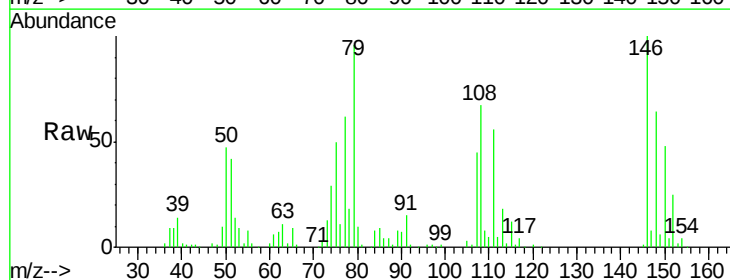
Tgt Ion:146 Resp: 138365

Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

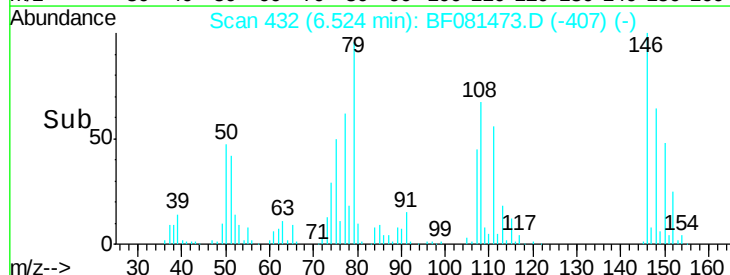
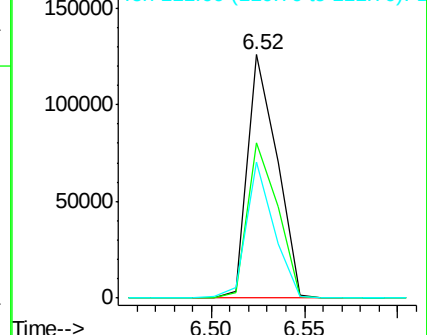
111 56.1 28.8 43.2#

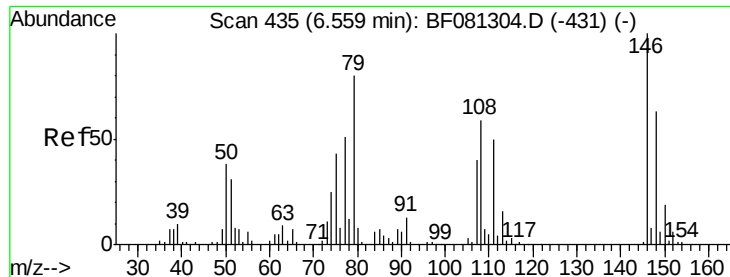


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.75 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampled :

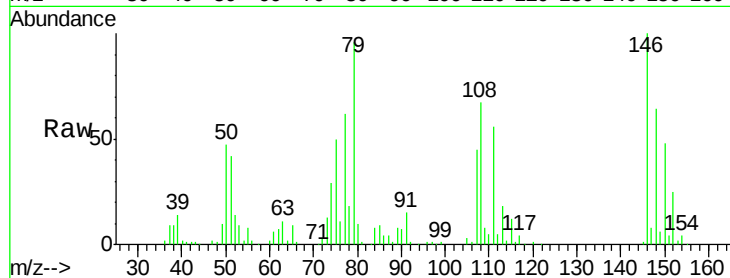
Tot Ion: 79 Resp: 155935

Ion Ratio Lower Upper

79 100

108 69.2 88.6 132.8#

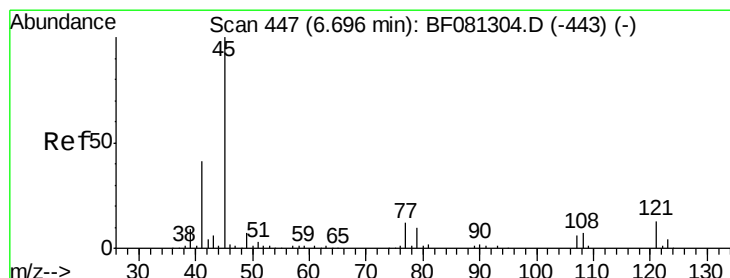
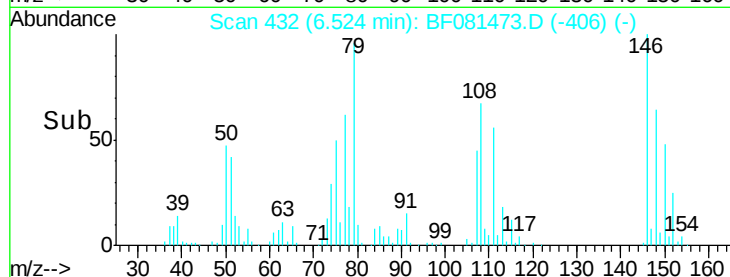
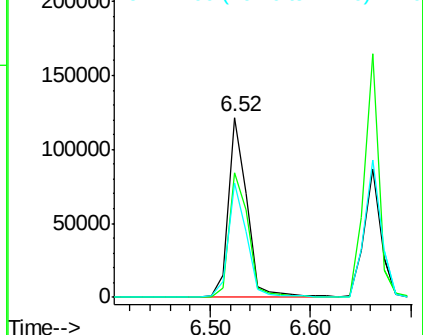
77 63.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.78 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

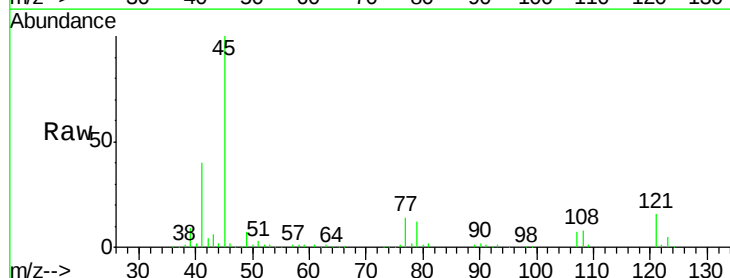
Tgt Ion: 45 Resp: 332935

Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

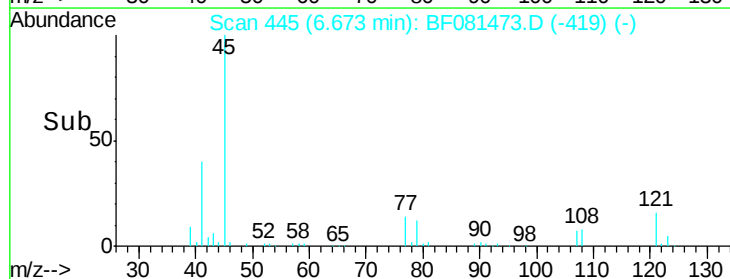
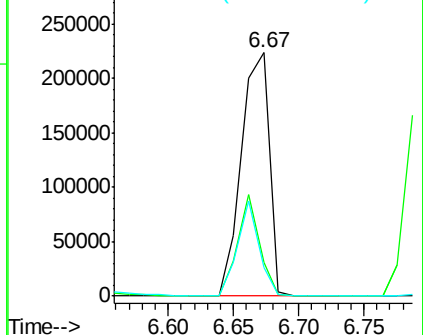
79 11.5 0.0 26.0

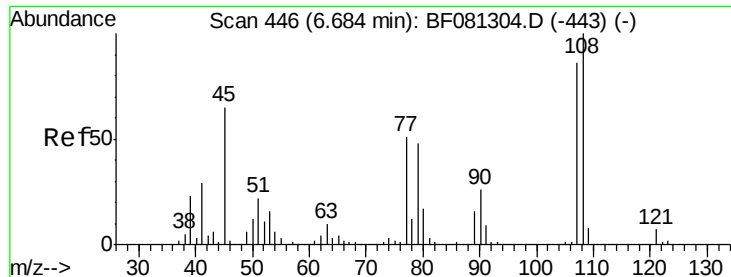


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

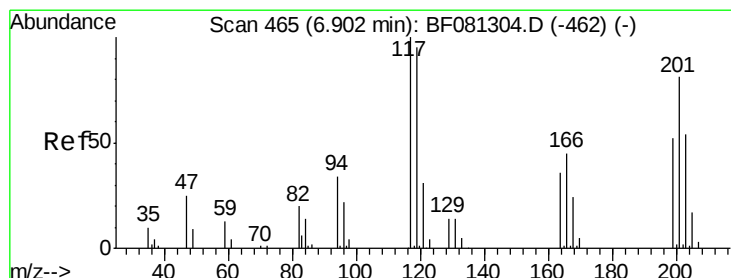
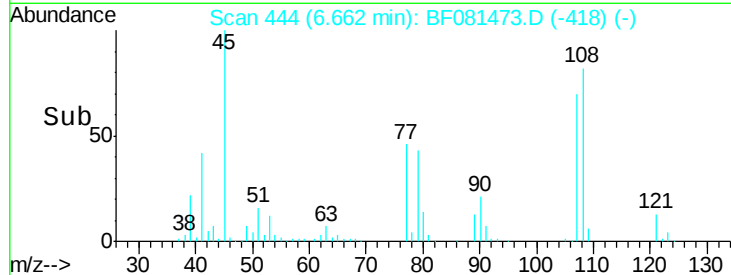
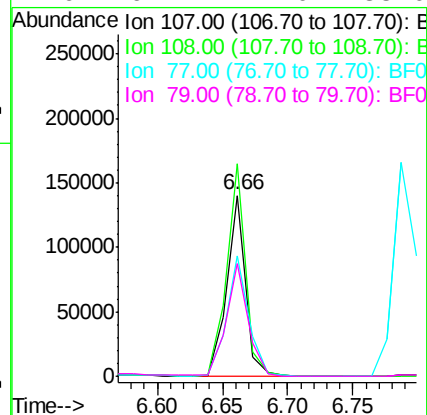
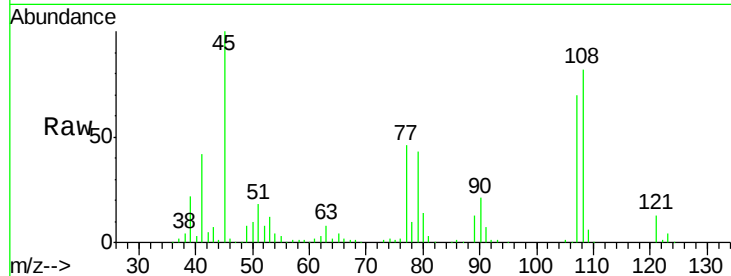




#17  
 2-Methylphenol  
 Concen: 49.01 ng  
 RT: 6.66 min Scan# 444  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

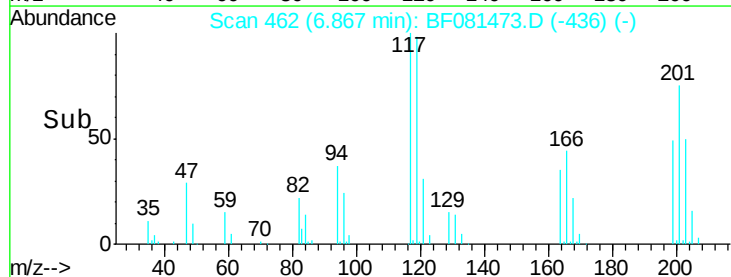
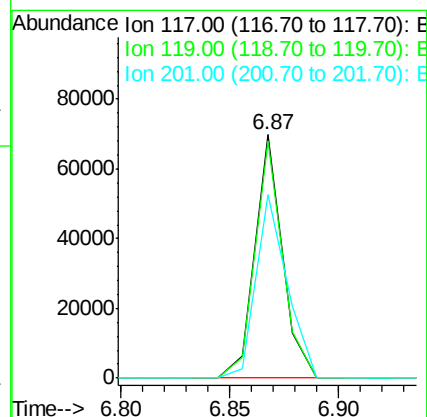
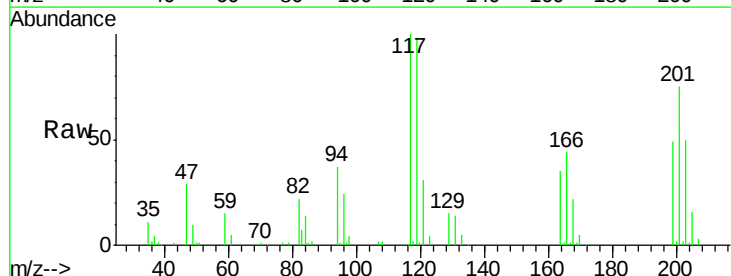
Instrument :  
 BNA\_F  
 ClientSampled :

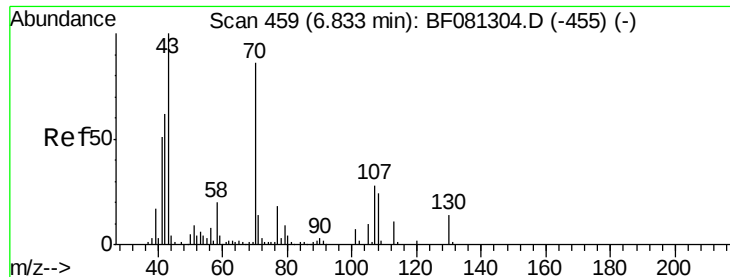
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 141452 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 117.3 | 96.6  | 145.0  |
| 77       | 66.3  | 23.3  | 34.9#  |
| 79       | 62.1  | 22.0  | 33.0#  |



#18  
 Hexachloroethane  
 Concen: 39.99 ng  
 RT: 6.87 min Scan# 462  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 61222 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.5  | 83.8  | 125.6 |
| 201      | 75.4  | 55.1  | 82.7  |

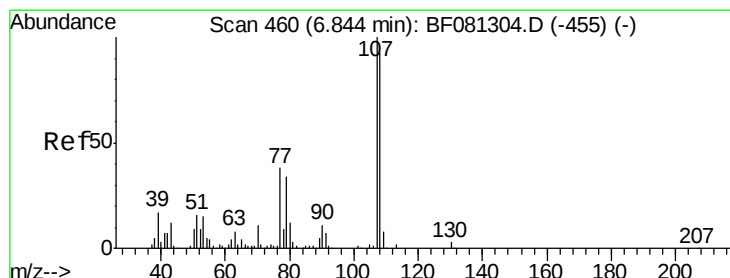
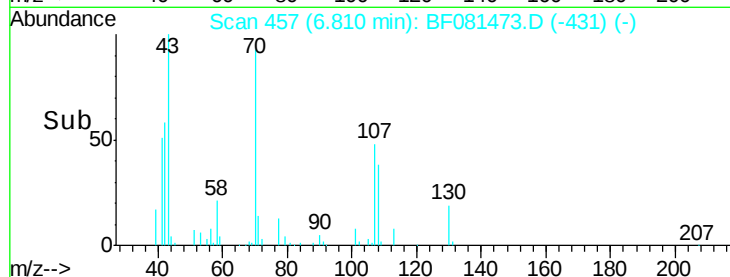
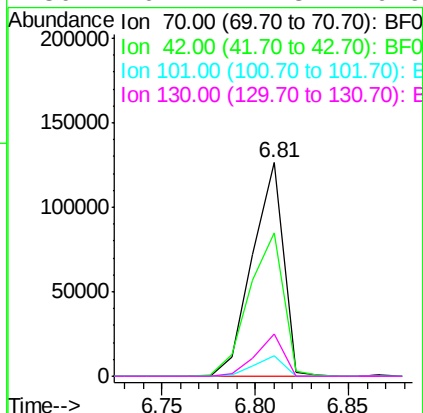
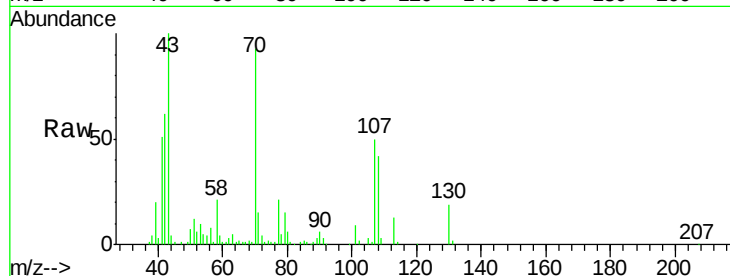




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.22 ng  
RT: 6.81 min Scan# 457  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

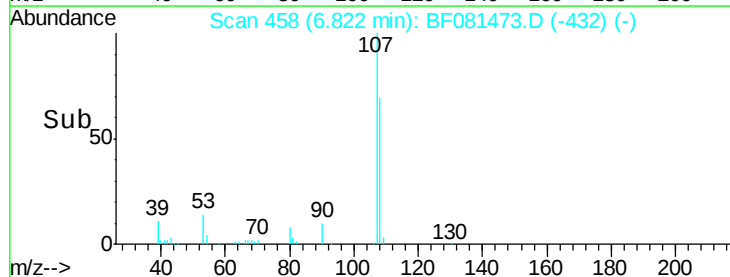
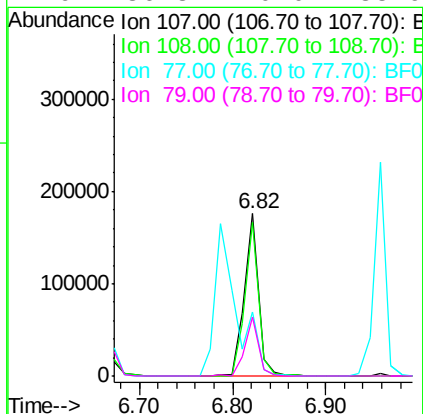
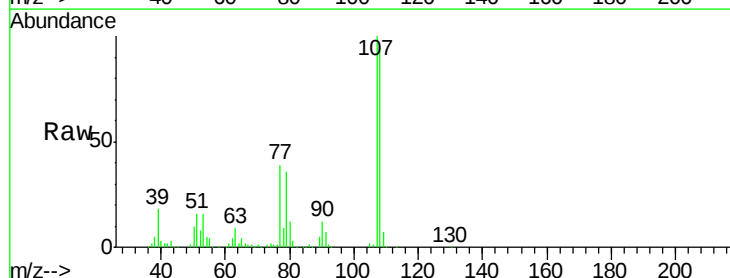
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 70 Resp: 145535  
Ion Ratio Lower Upper  
70 100  
42 67.1 63.8 95.6  
101 9.5 9.2 13.8  
130 20.1 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 48.17 ng  
RT: 6.82 min Scan# 458  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion: 107 Resp: 187447  
Ion Ratio Lower Upper  
107 100  
108 95.0 74.6 114.6  
77 39.4 0.7 40.7  
79 36.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 195475

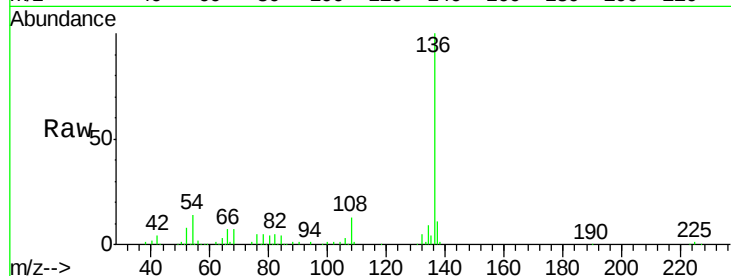
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.9 8.2 12.2#

68 6.5 5.8 8.6

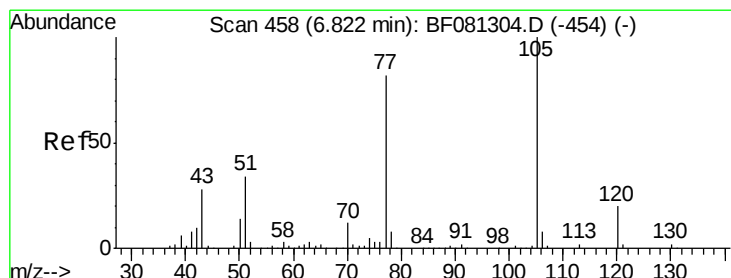
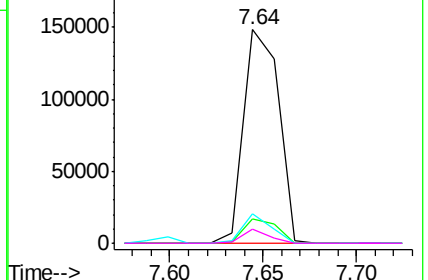
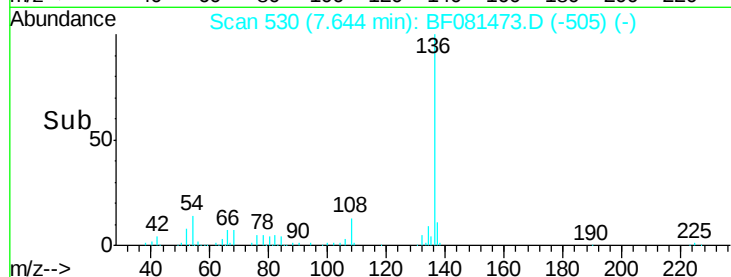


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.08 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:105 Resp: 251350

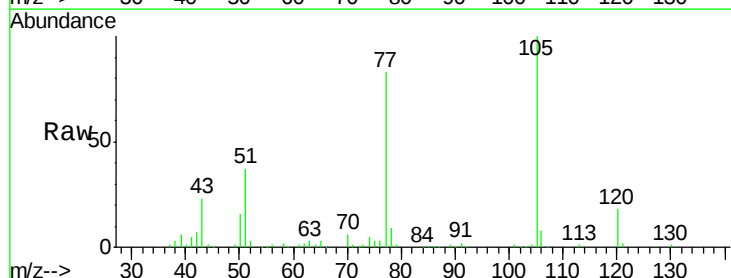
Ion Ratio Lower Upper

105 100

71 1.0 4.7 7.1#

51 36.9 22.0 33.0#

120 18.2 30.1 45.1#

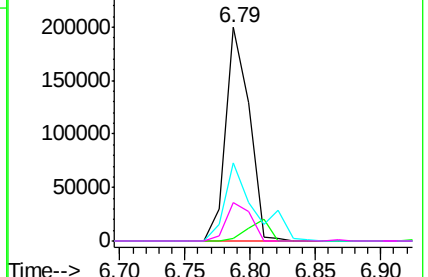
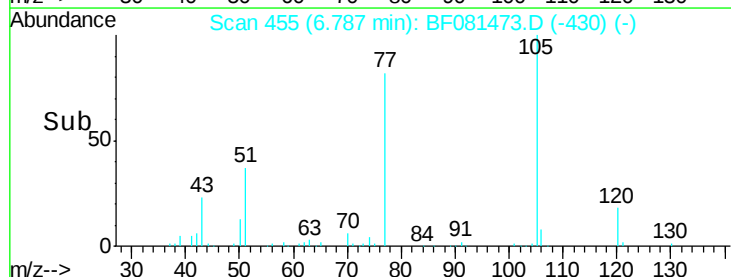


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

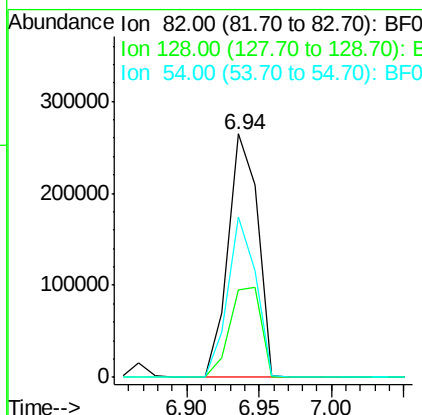
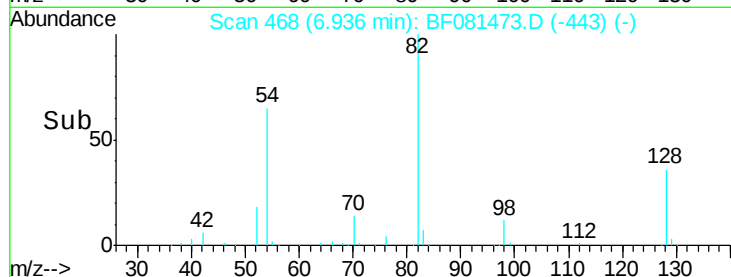
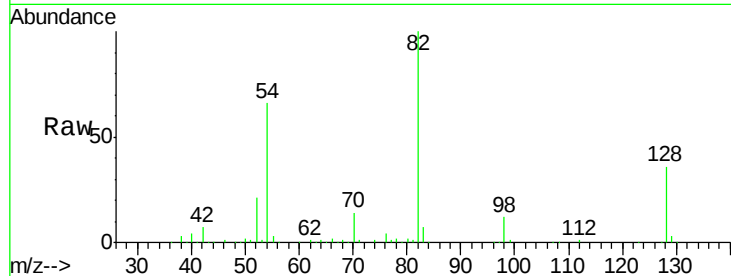




#23  
 Nitrobenzene-d5  
 Concen: 92.65 ng  
 RT: 6.94 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

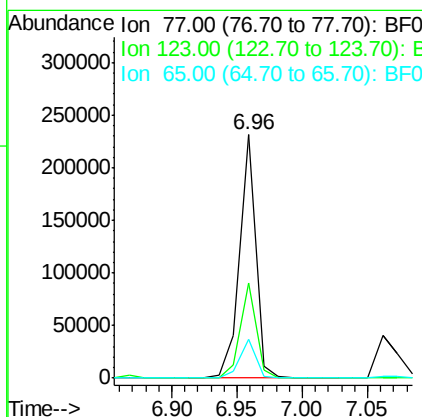
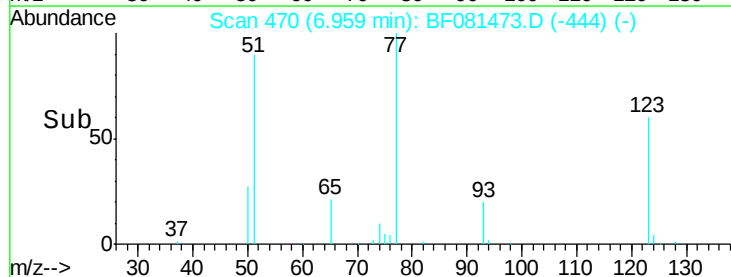
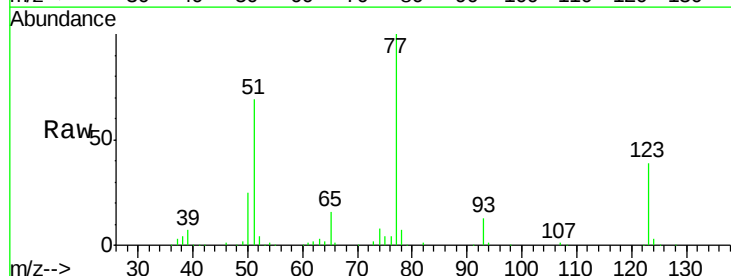
Instrument :  
 BNA\_F  
 ClientSampleId :

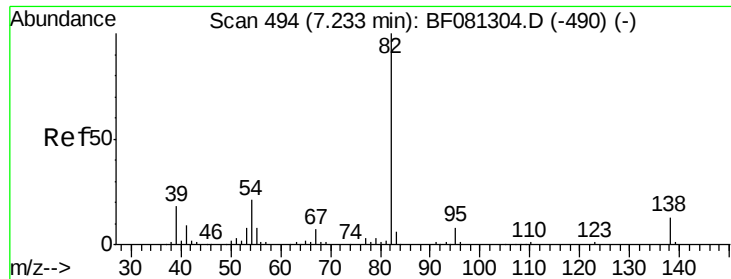
Tot Ion: 82 Resp: 375367  
 Ion Ratio Lower Upper  
 82 100  
 128 36.0 51.0 76.6#  
 54 65.9 47.5 71.3



#24  
 Nitrobenzene  
 Concen: 47.17 ng  
 RT: 6.96 min Scan# 470  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion: 77 Resp: 198481  
 Ion Ratio Lower Upper  
 77 100  
 123 39.3 59.8 89.8#  
 65 15.9 10.2 15.4#





#25

Isophorone

Concen: 47.69 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

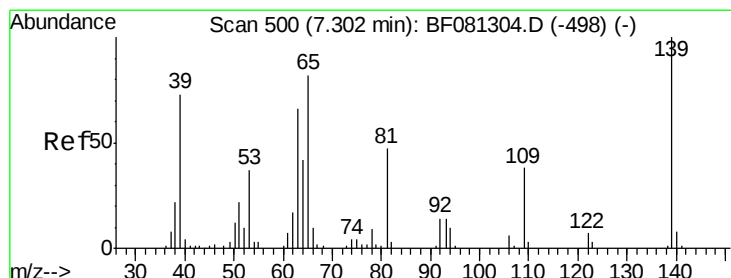
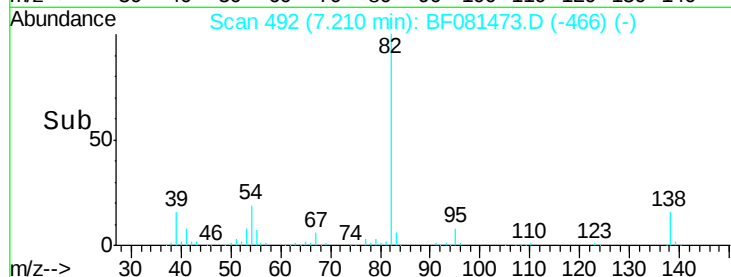
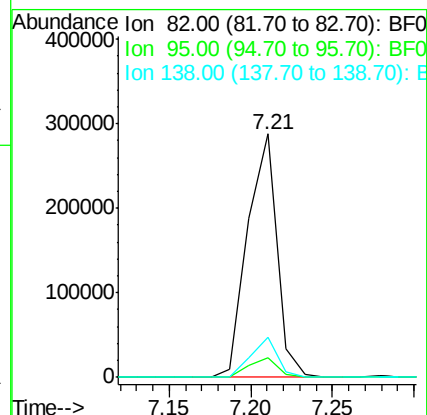
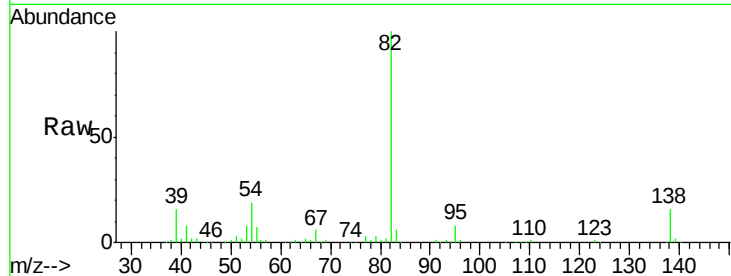
Tot Ion: 82 Resp: 359354

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

138 16.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 49.82 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

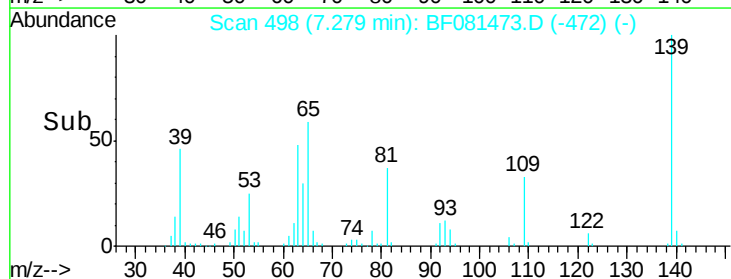
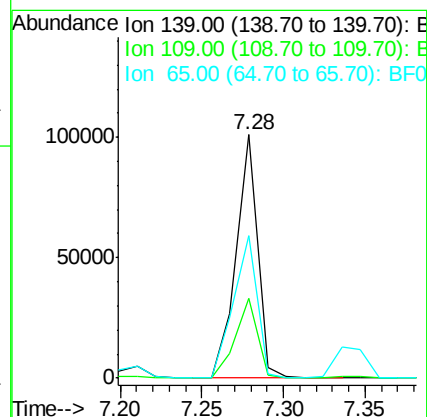
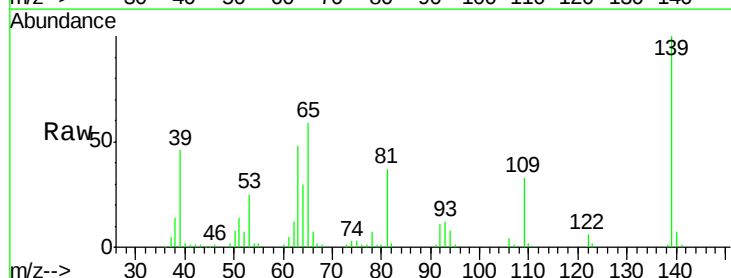
Tgt Ion: 139 Resp: 91358

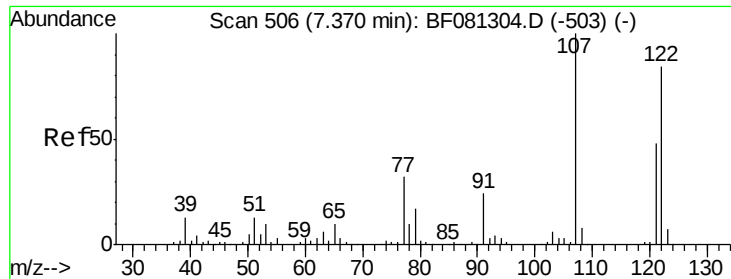
Ion Ratio Lower Upper

139 100

109 32.5 11.0 16.4#

65 58.7 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 48.45 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

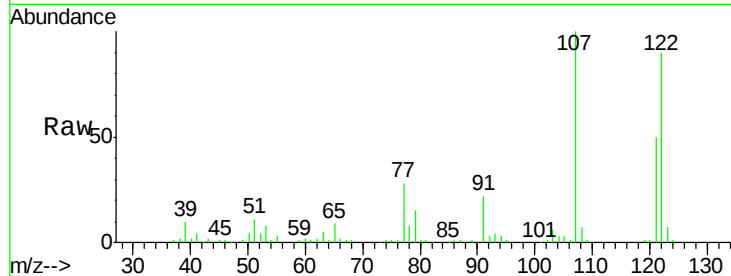
Tot Ion:122 Resp: 153456

Ion Ratio Lower Upper

122 100

107 110.7 71.8 107.6#

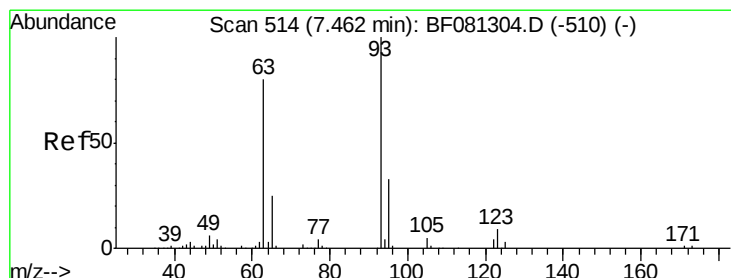
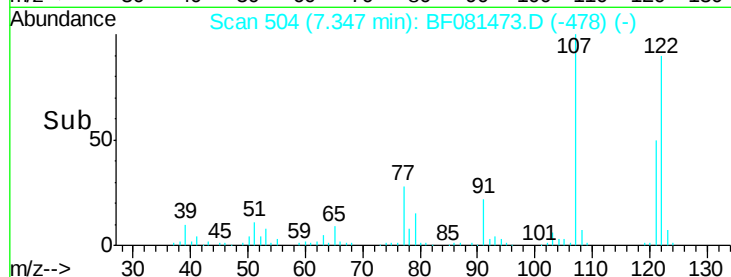
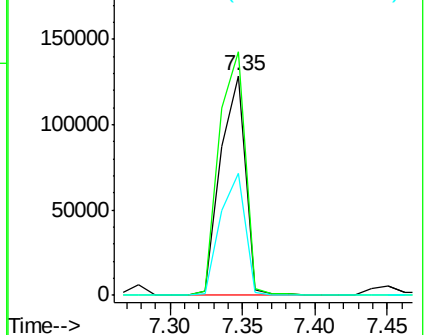
121 55.5 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.60 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

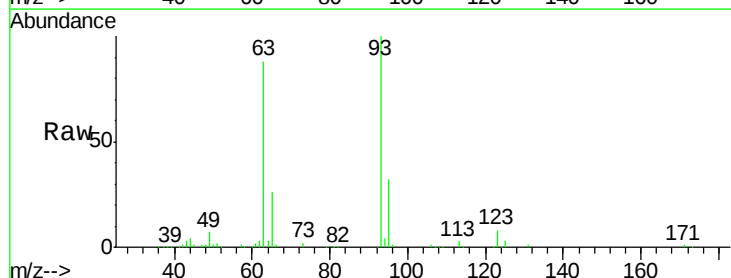
Tgt Ion: 93 Resp: 194161

Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

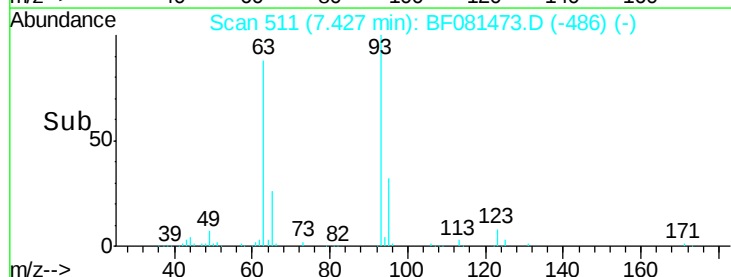
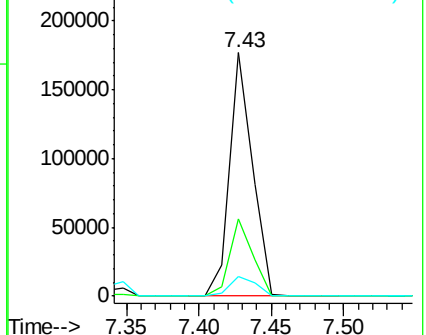
123 8.3 13.7 20.5#

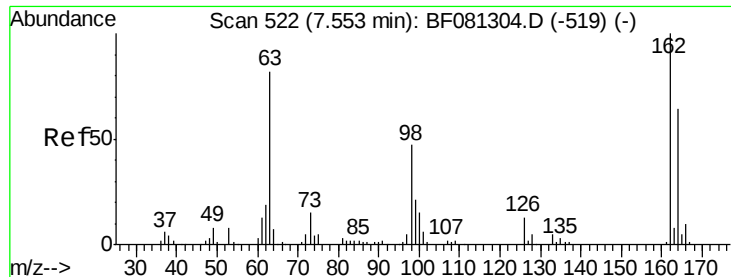


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

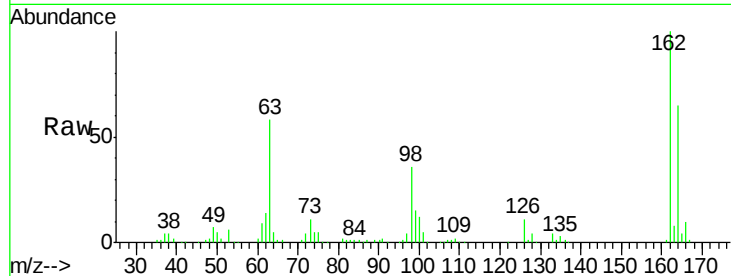




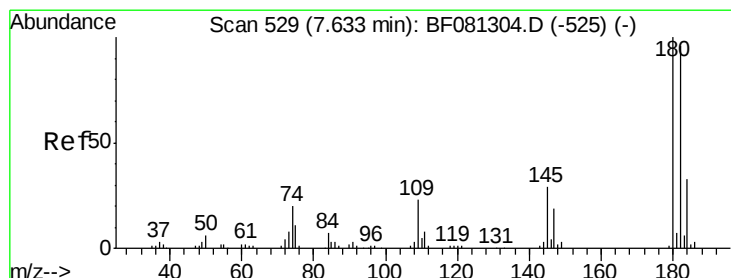
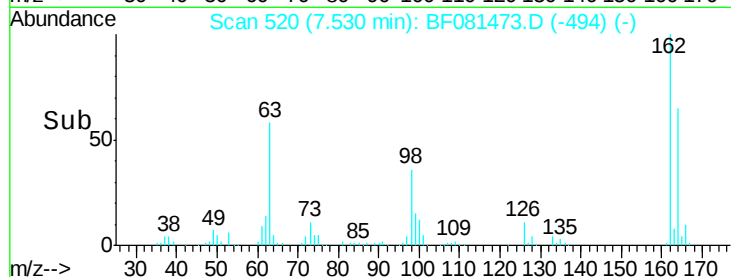
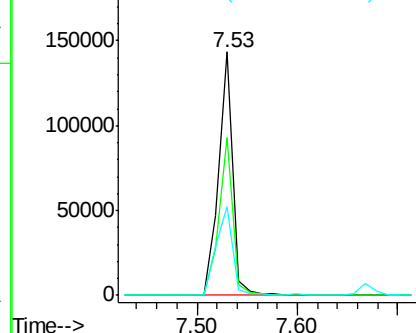
#29  
 2,4-Dichlorophenol  
 Concen: 51.16 ng  
 RT: 7.53 min Scan# 520  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 44.9  | 84.9  |
| 98      | 36.4  | 13.0  | 53.0  |

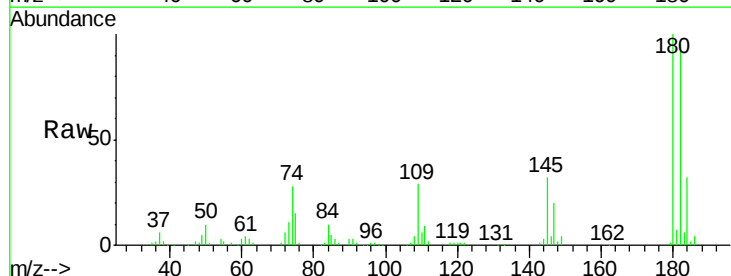


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

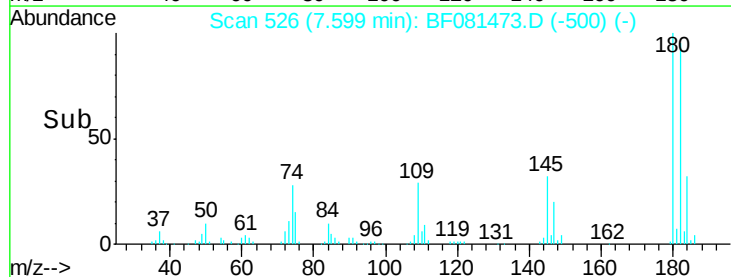
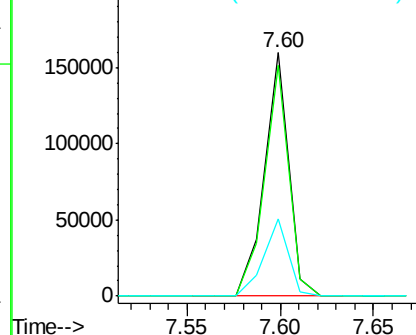


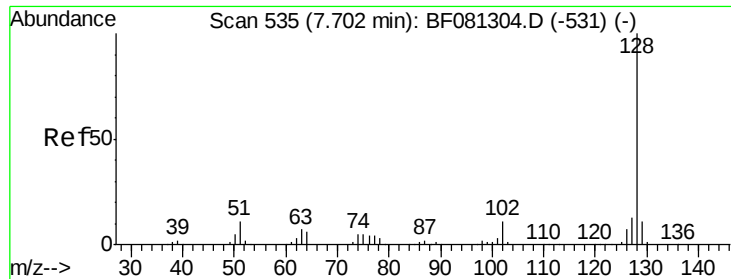
#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.99 ng  
 RT: 7.60 min Scan# 526  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 77.1  | 115.7 |
| 145     | 31.9  | 23.3  | 34.9  |



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

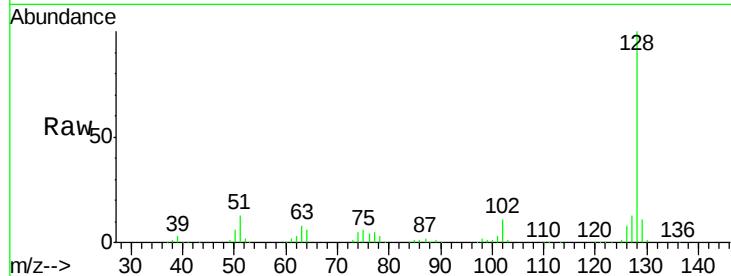




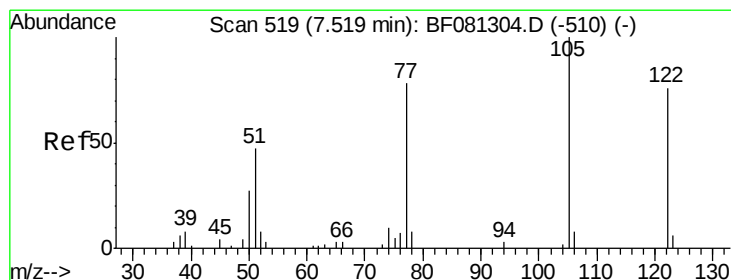
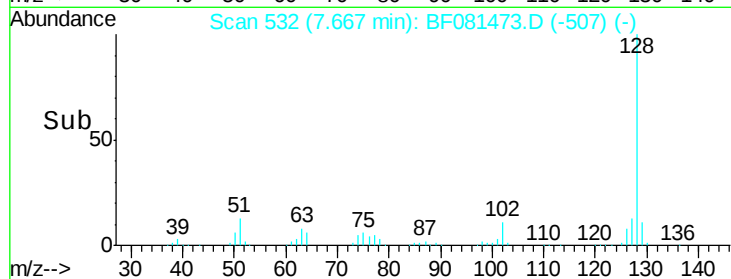
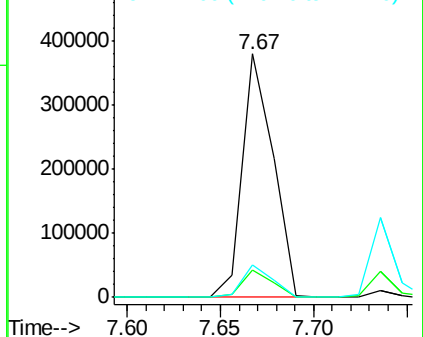
#31  
Naphthalene  
Concen: 41.69 ng  
RT: 7.67 min Scan# 532  
Delta R.T. -0.01 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 434582  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.4 12.6  
127 13.3 9.9 14.9

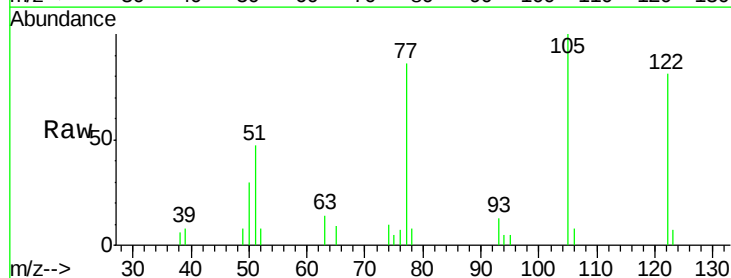


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

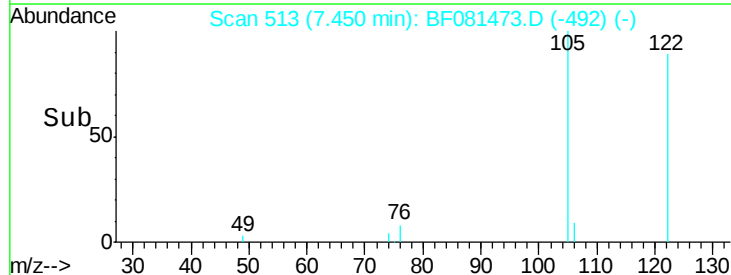
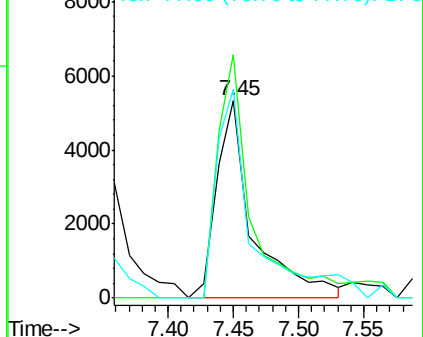


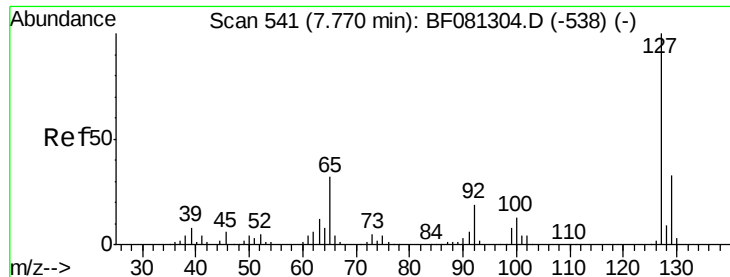
#32  
Benzoic acid  
Concen: 6.88 ng  
RT: 7.45 min Scan# 513  
Delta R.T. -0.06 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:122 Resp: 10364  
Ion Ratio Lower Upper  
122 100  
105 123.4 76.1 116.1#  
77 106.0 40.5 80.5#



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

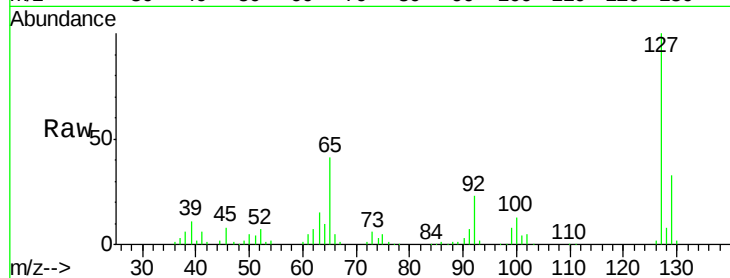




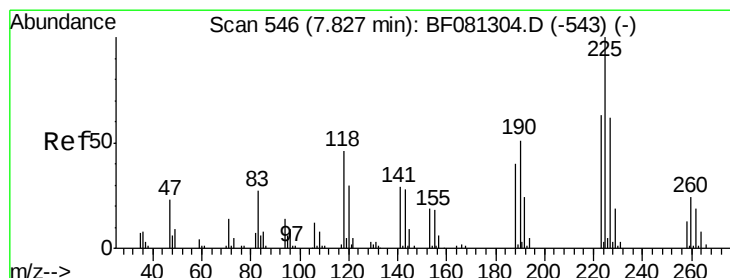
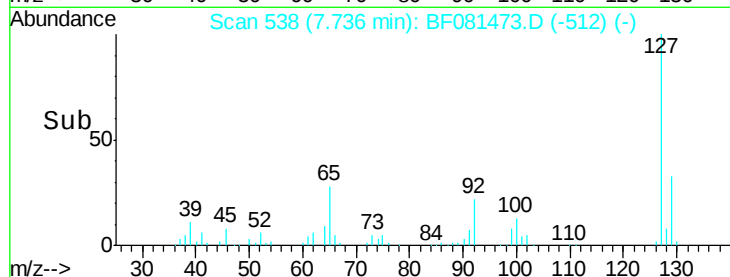
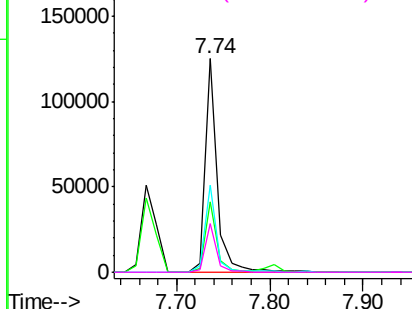
#33  
4-Chloroaniline  
Concen: 26.70 ng  
RT: 7.74 min Scan# 538  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 113538 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.8  | 38.6   |
| 65       | 40.8  | 17.9  | 26.9#  |
| 92       | 22.6  | 10.5  | 15.7#  |

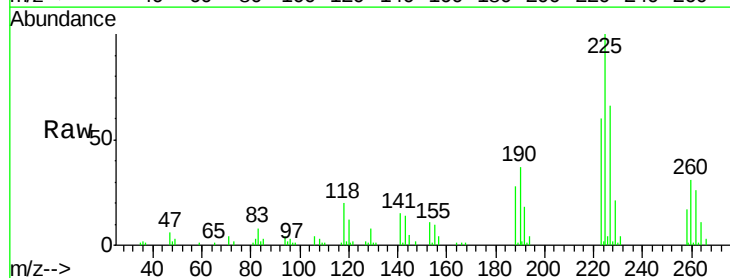


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

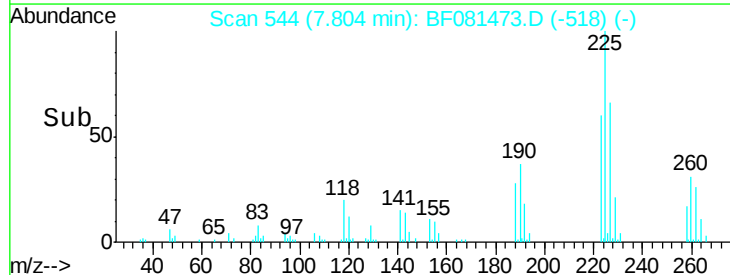
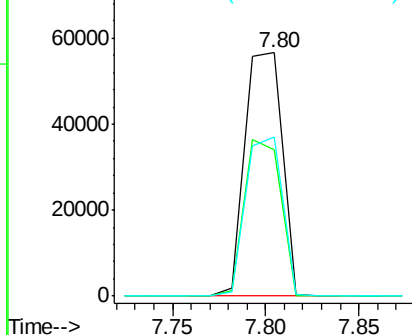


#34  
Hexachlorobutadiene  
Concen: 43.34 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 78706 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.2  | 50.2  | 75.2  |
| 227      | 65.5  | 52.2  | 78.2  |



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: 30.50 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampled :

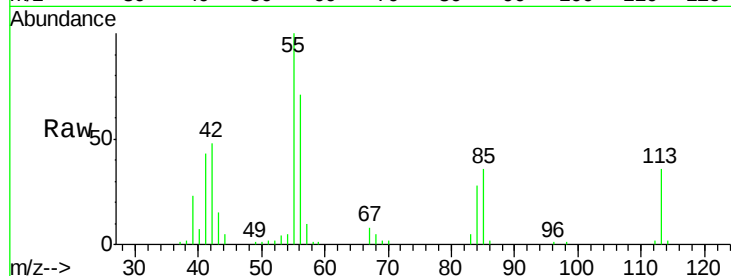
Tot Ion:113 Resp: 25693

Ion Ratio Lower Upper

113 100

55 279.2 152.4 192.4#

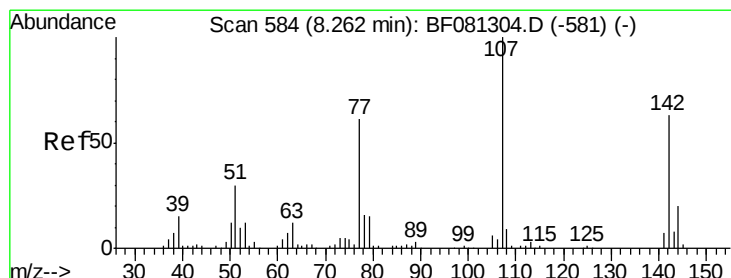
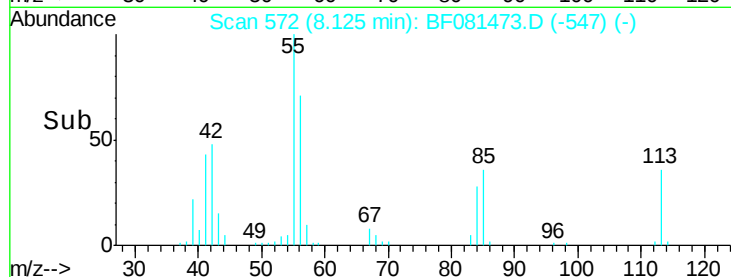
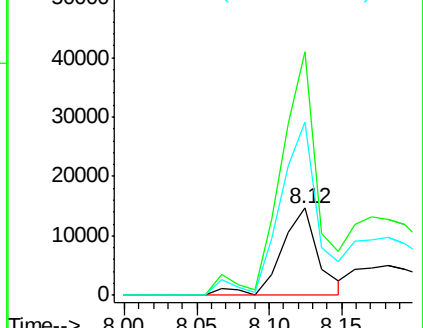
56 198.4 104.6 144.6#



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: 56.80 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

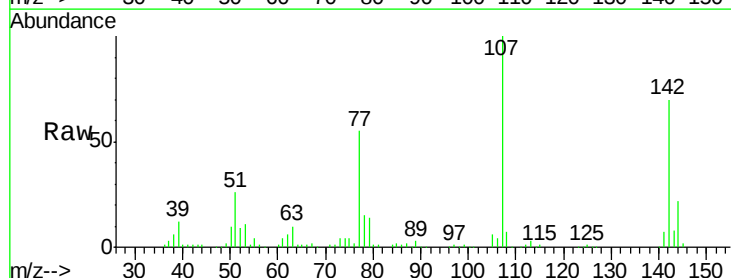
Tgt Ion:107 Resp: 174634

Ion Ratio Lower Upper

107 100

144 22.4 25.4 38.0#

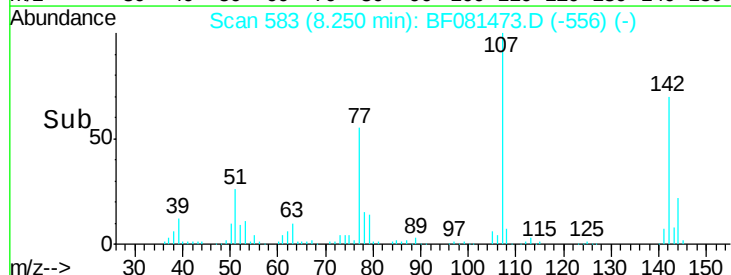
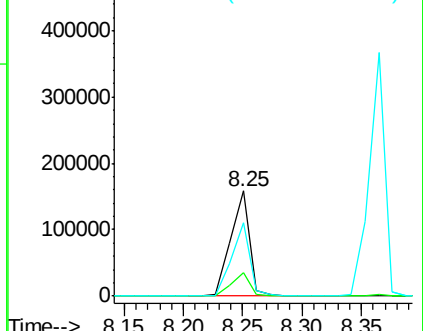
142 69.7 77.3 115.9#

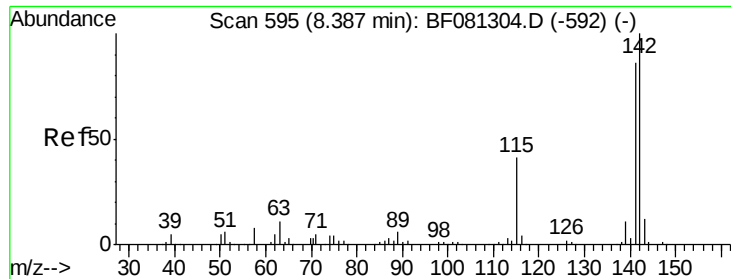


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

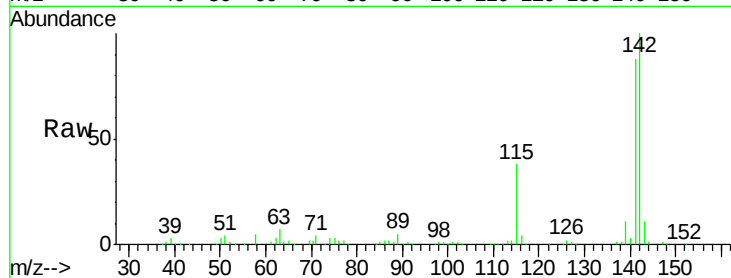




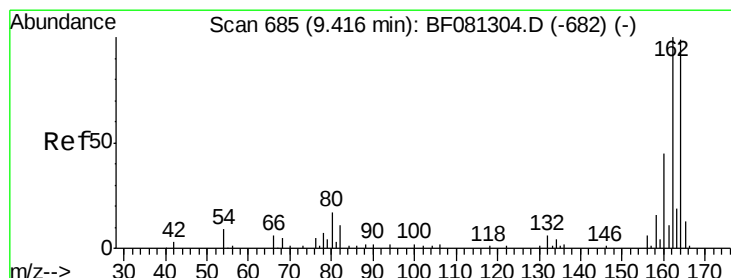
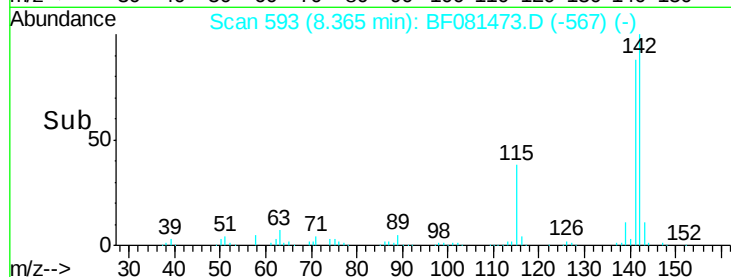
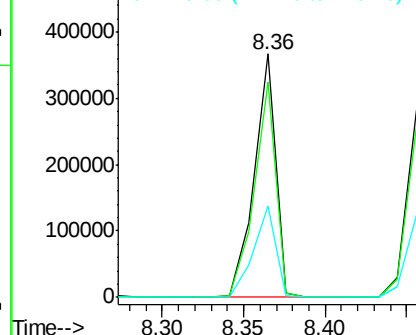
#37  
 2-Methylnaphthalene  
 Concen: 49.46 ng  
 RT: 8.36 min Scan# 593  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 335574  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 67.5 101.3  
 115 37.7 18.2 27.2#

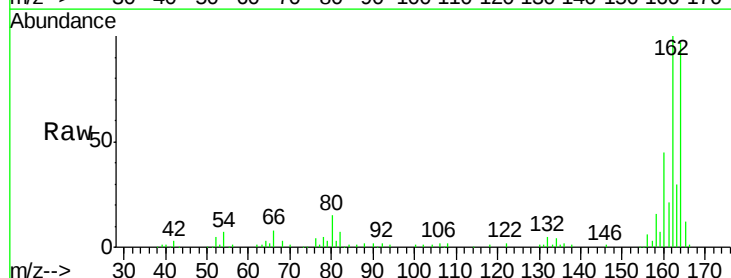


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

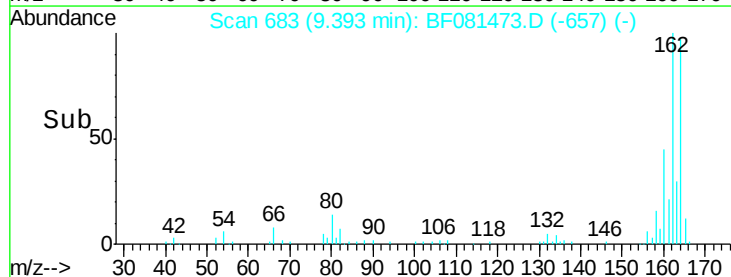
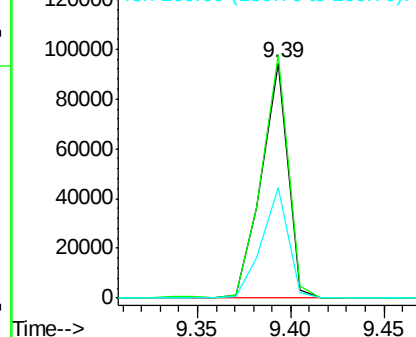


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.39 min Scan# 683  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:164 Resp: 92733  
 Ion Ratio Lower Upper  
 164 100  
 162 103.5 75.2 112.8  
 160 46.7 31.5 47.3



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: 44.03 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 129128

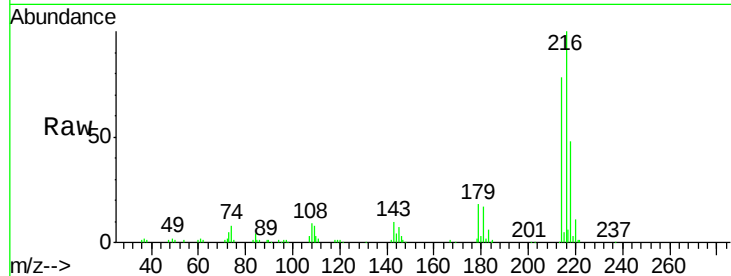
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.9 16.6 24.8

108 21.9 16.3 24.5

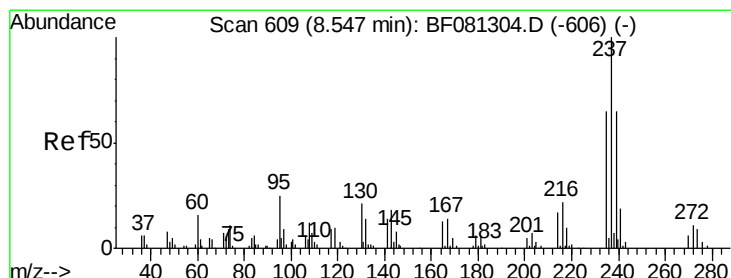
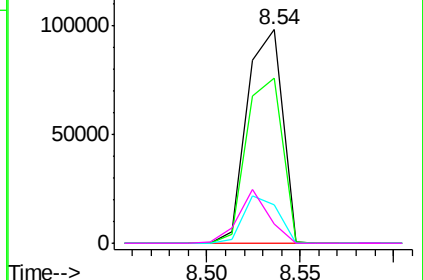
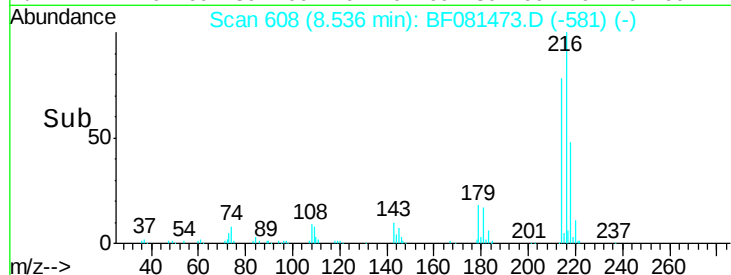


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.30 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

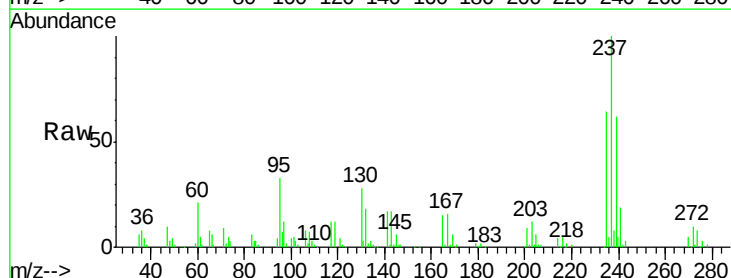
Tgt Ion:237 Resp: 129968

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

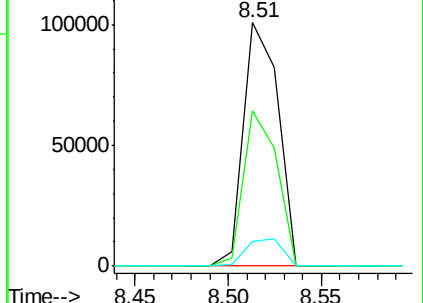
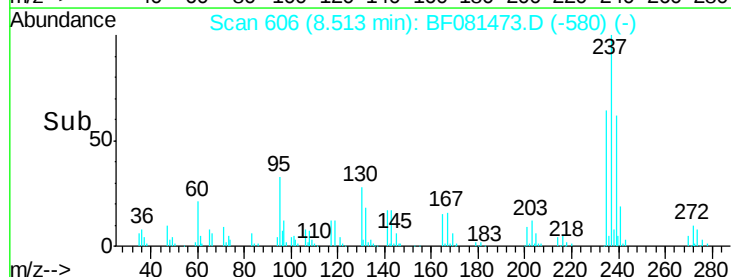
272 10.2 0.0 36.1

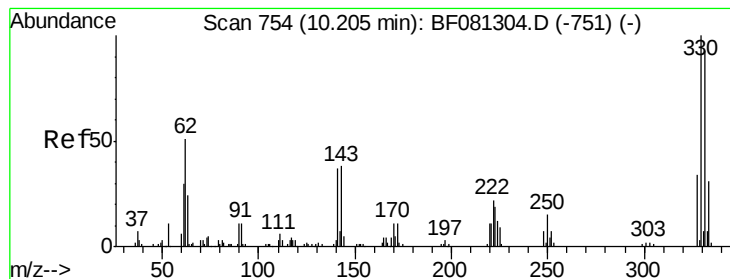


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 167.52 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

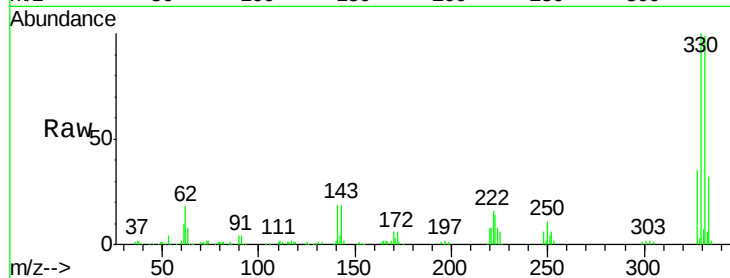
Tot Ion:330 Resp: 138319

Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

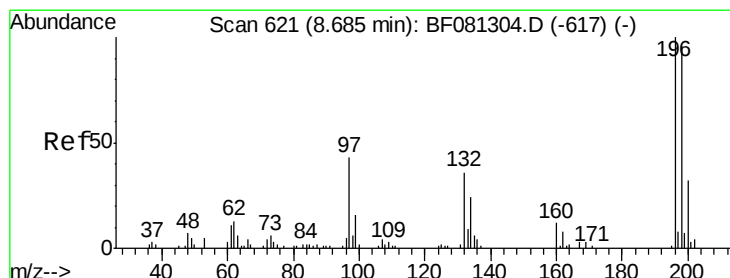
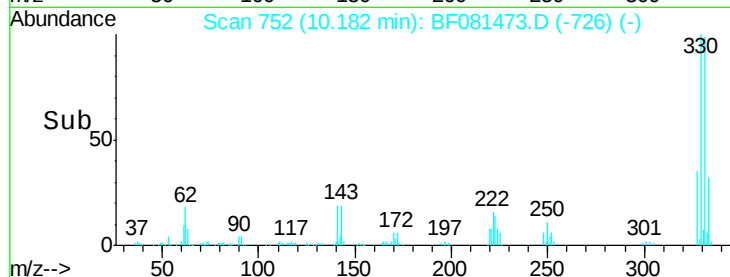
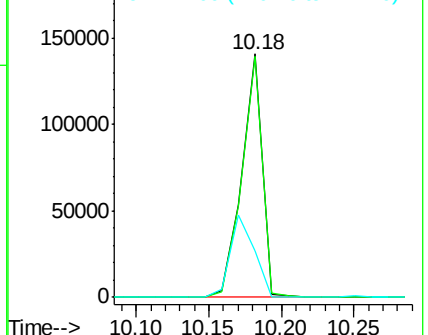
141 39.7 29.7 44.5



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: 45.51 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

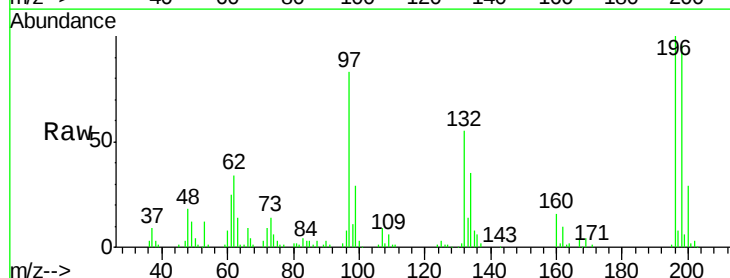
Tgt Ion:196 Resp: 92119

Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

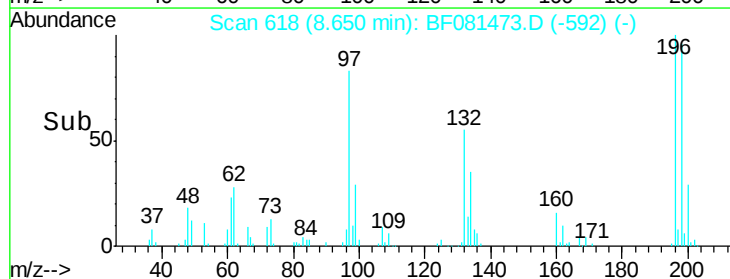
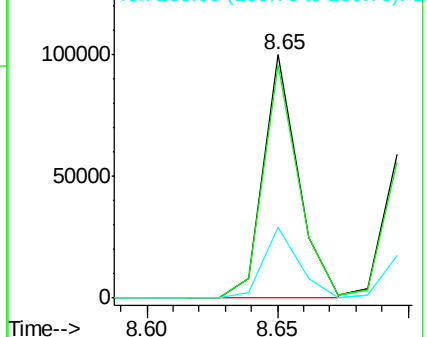
200 29.1 23.9 35.9



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

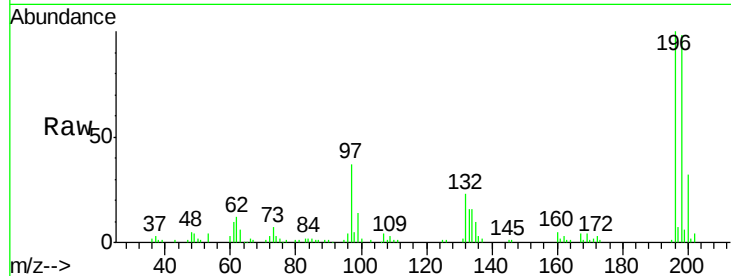




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.67 ng  
 RT: 8.71 min Scan# 623  
 Delta R.T. 0.01 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 196   | Resp  | 98441 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.1  | 75.4  | 113.0 |
| 97        | 37.2  | 33.3  | 49.9  |
| 132       | 23.1  | 24.6  | 37.0# |



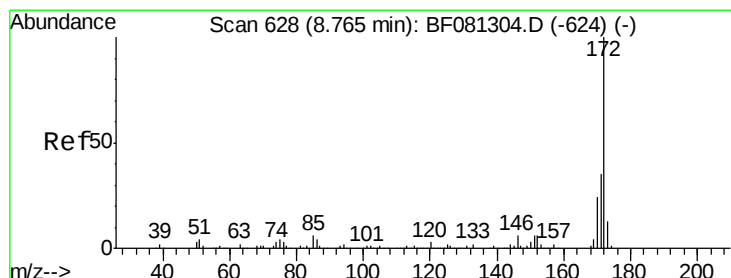
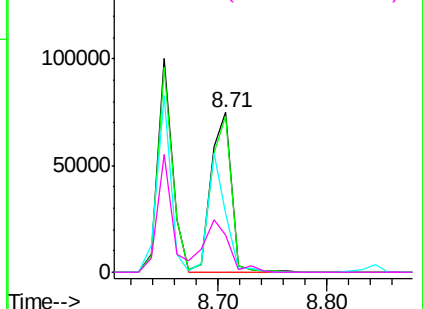
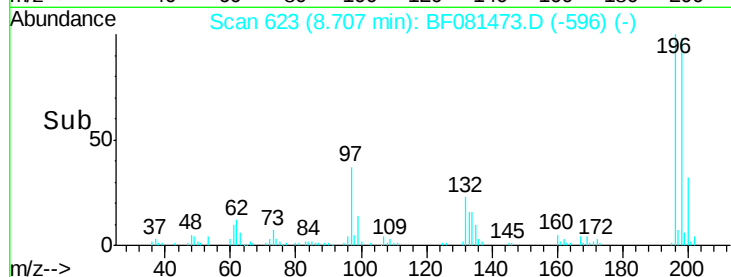
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

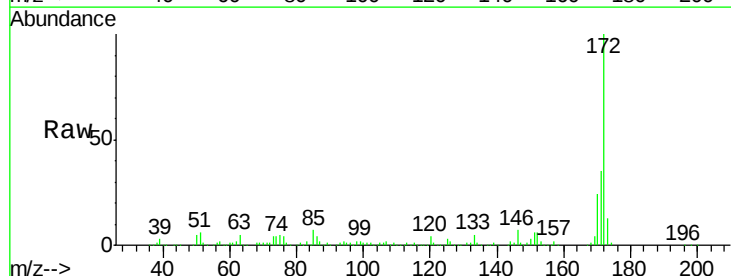
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 72.85 ng  
 RT: 8.73 min Scan# 625  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

| Tgt Ion   | 172   | Resp  | 527190 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.3  | 26.1  | 39.1   |
| 170       | 23.8  | 17.4  | 26.2   |

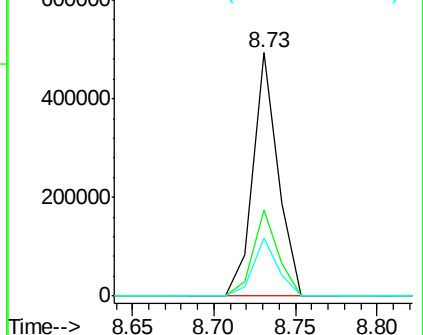
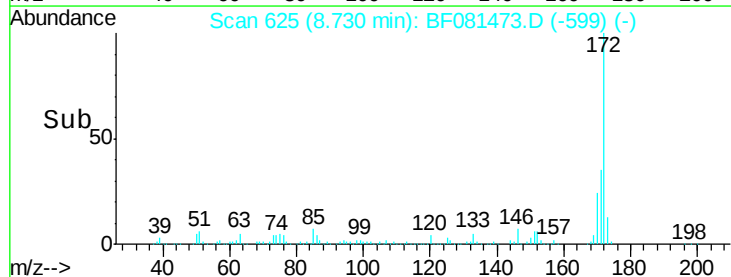


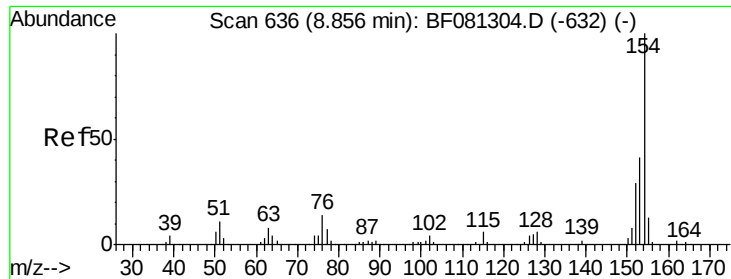
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.95 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

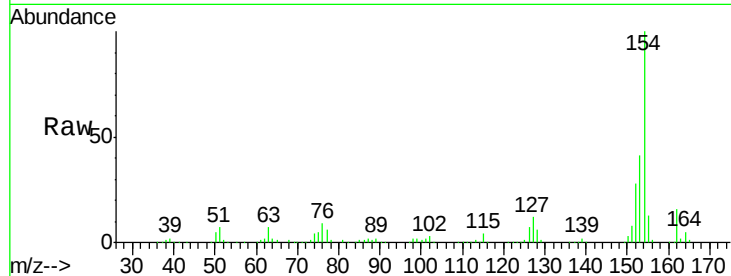
Tot Ion:154 Resp: 383449

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

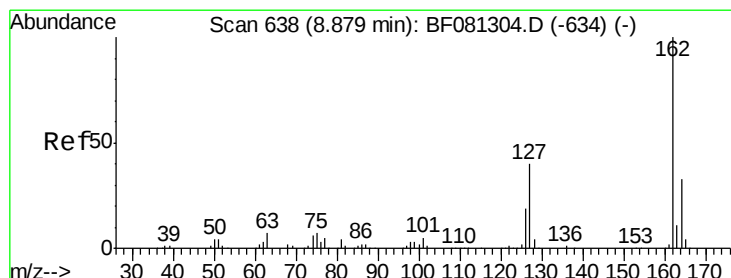
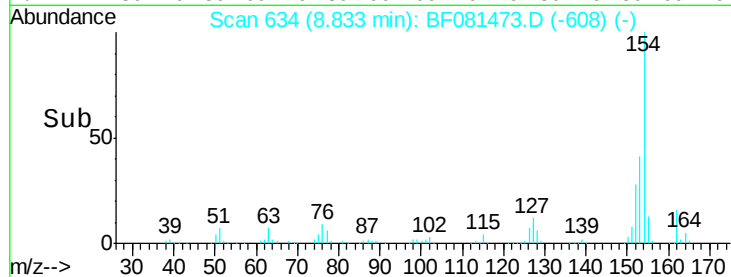
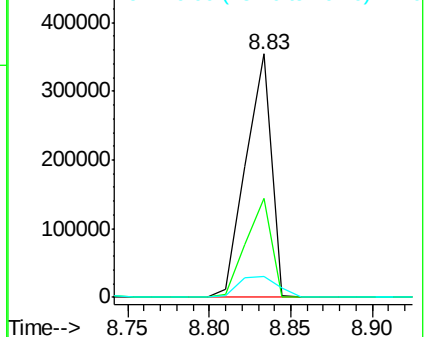
76 8.6 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.49 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

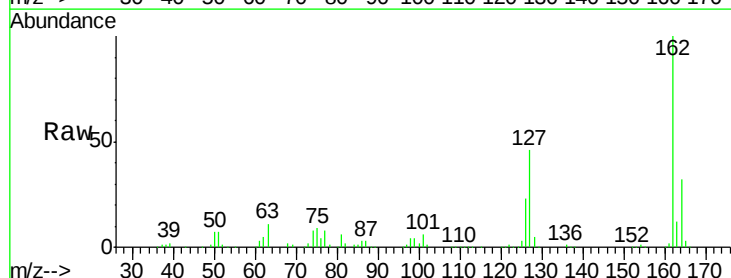
Tgt Ion:162 Resp: 280283

Ion Ratio Lower Upper

162 100

127 46.1 27.6 41.4#

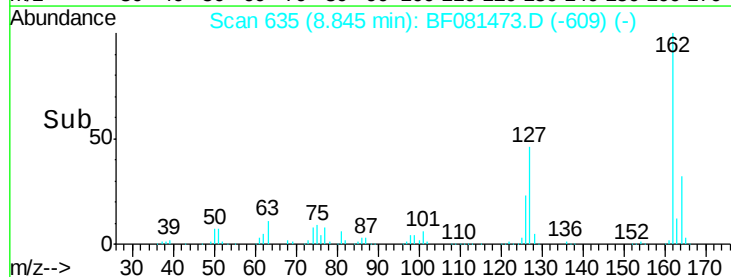
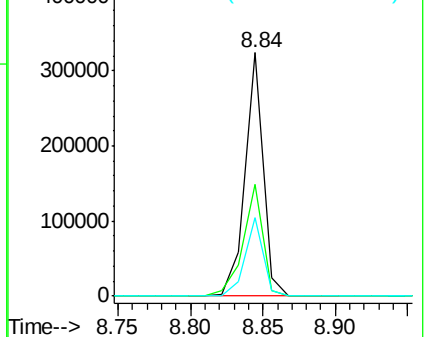
164 32.2 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.47 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

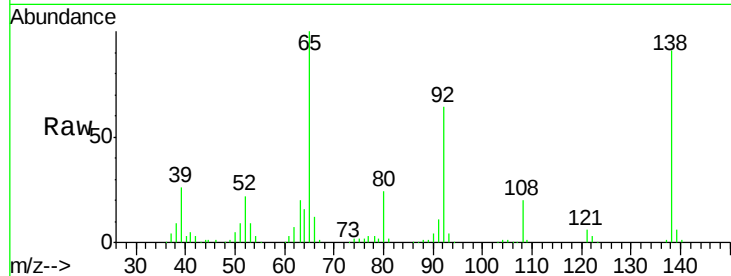
Tot Ion: 65 Resp: 139280

Ion Ratio Lower Upper

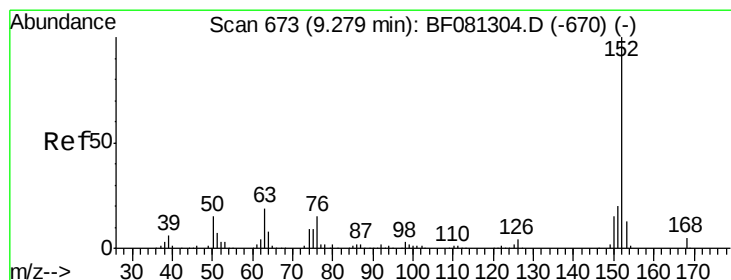
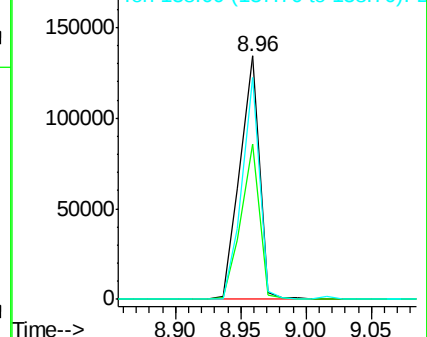
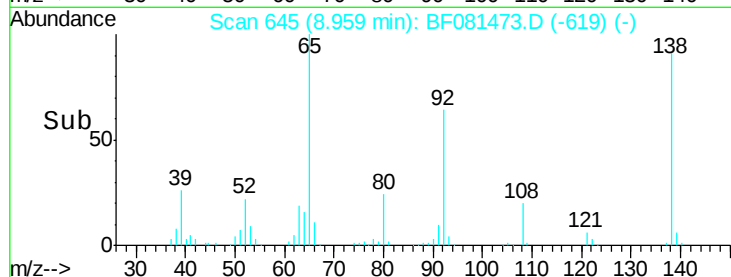
65 100

92 63.9 55.4 83.0

138 91.2 115.5 173.3#



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



#48

Acenaphthylene

Concen: 45.40 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

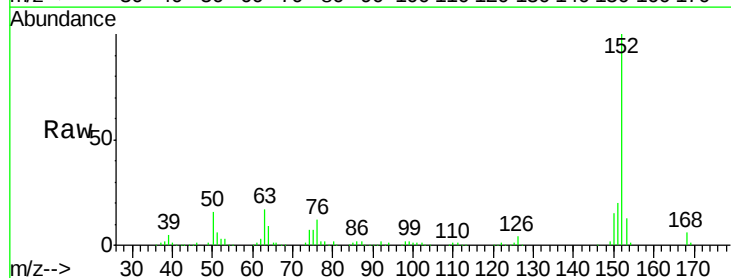
Tgt Ion: 152 Resp: 496212

Ion Ratio Lower Upper

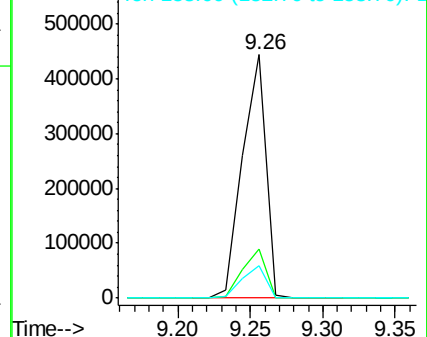
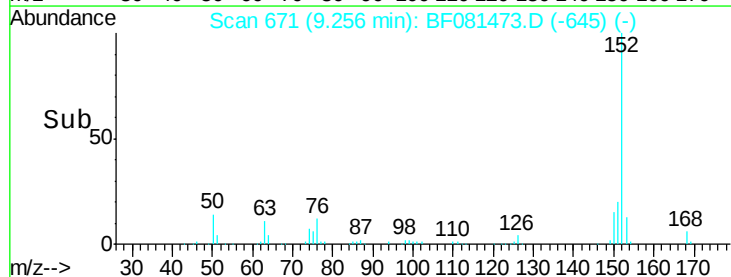
152 100

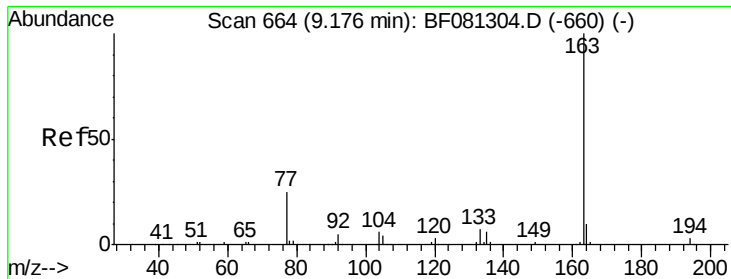
151 20.1 14.6 22.0

153 13.2 10.3 15.5



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

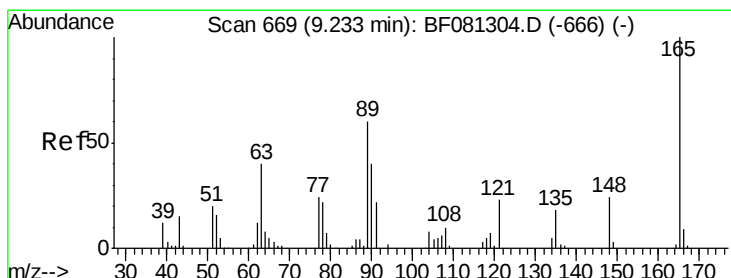
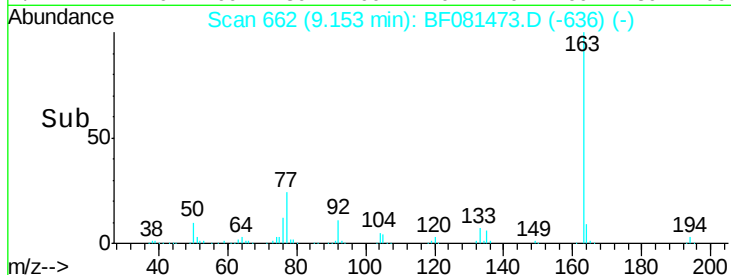
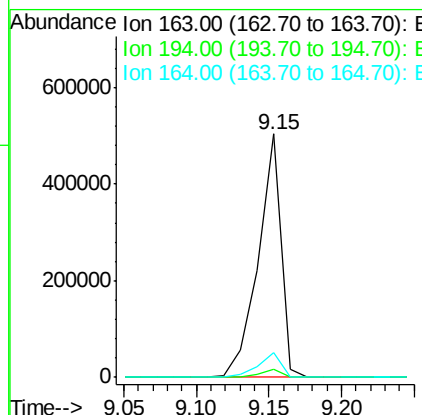
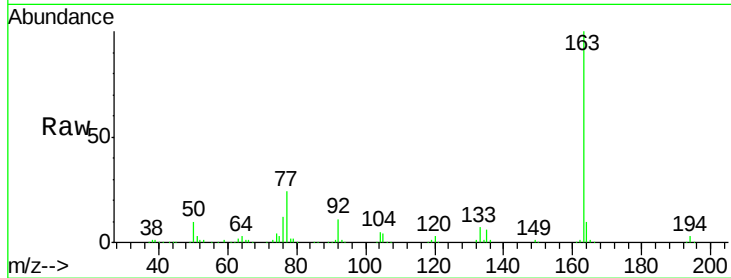




#49  
Dimethylphthalate  
Concen: 76.43 ng  
RT: 9.15 min Scan# 662  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

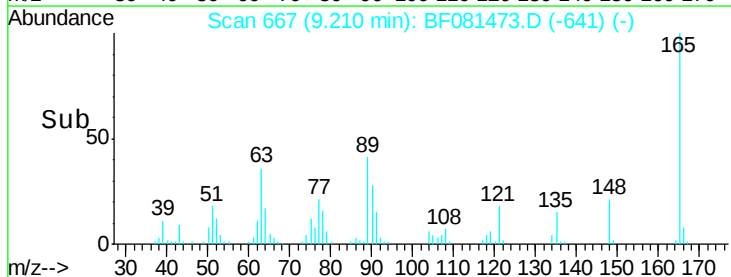
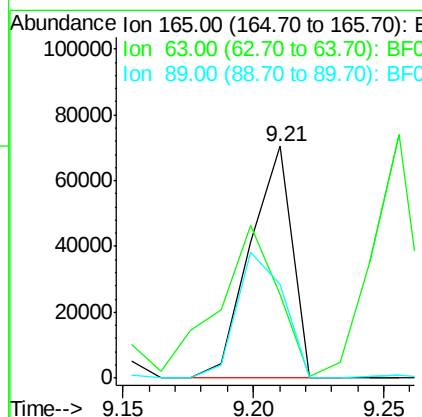
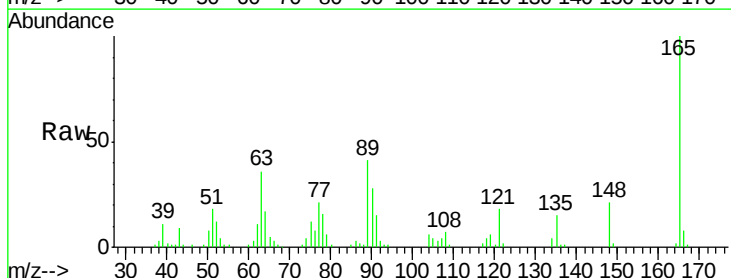
Instrument :  
BNA\_F  
ClientSampleId :

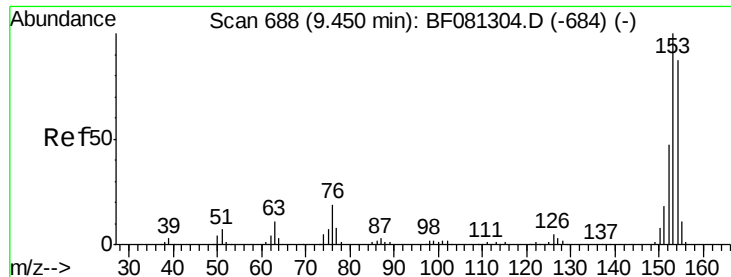
Tot Ion:163 Resp: 550638  
Ion Ratio Lower Upper  
163 100  
194 3.2 4.4 6.6#  
164 10.1 8.3 12.5



#50  
2,6-Dinitrotoluene  
Concen: 48.58 ng  
RT: 9.21 min Scan# 667  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:165 Resp: 79448  
Ion Ratio Lower Upper  
165 100  
63 36.1 32.3 48.5  
89 40.5 28.6 43.0

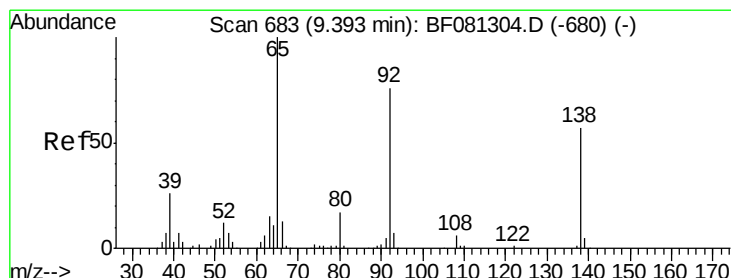
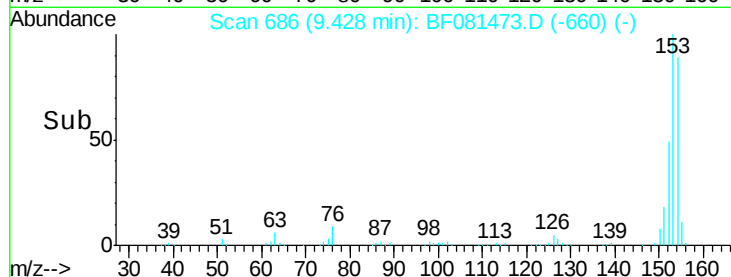
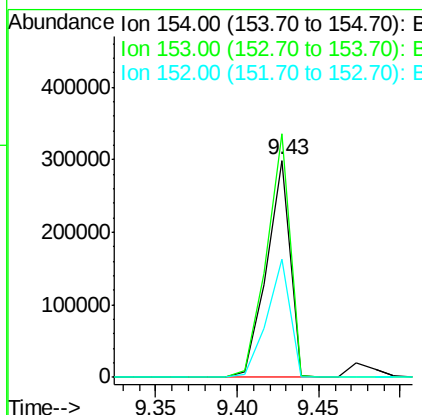
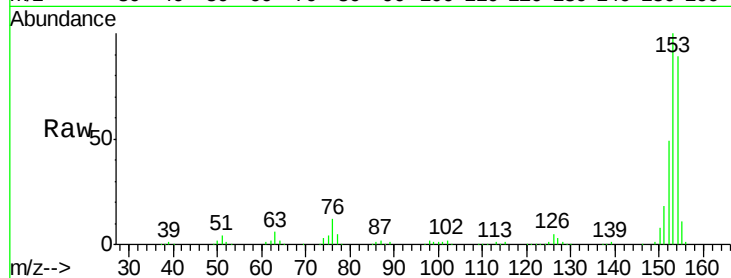




#51  
Acenaphthene  
Concen: 48.44 ng  
RT: 9.43 min Scan# 686  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

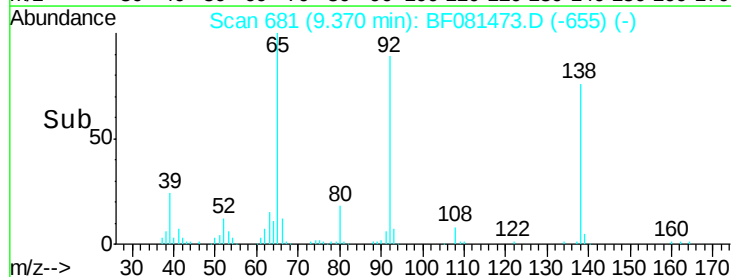
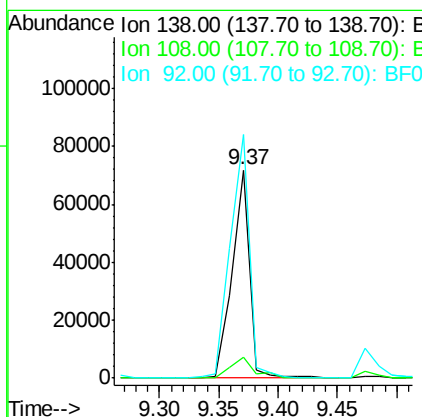
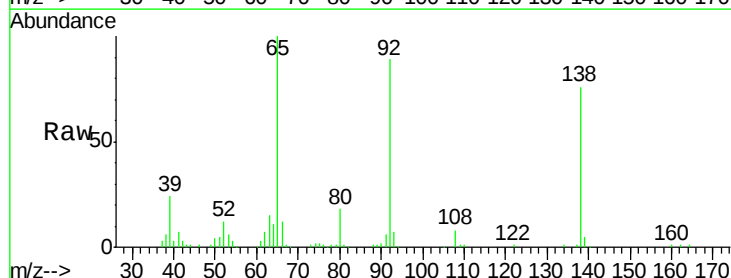
Instrument :  
BNA\_F  
ClientSampleId :

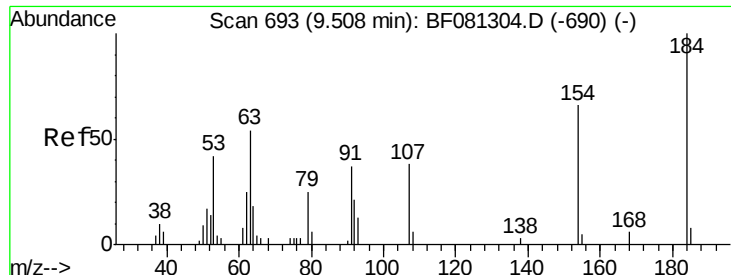
Tot Ion:154 Resp: 301186  
Ion Ratio Lower Upper  
154 100  
153 112.1 82.1 123.1  
152 54.4 37.9 56.9



#52  
3-Nitroaniline  
Concen: 39.15 ng  
RT: 9.37 min Scan# 681  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:138 Resp: 72887  
Ion Ratio Lower Upper  
138 100  
108 10.0 5.7 8.5#  
92 117.0 67.7 101.5#

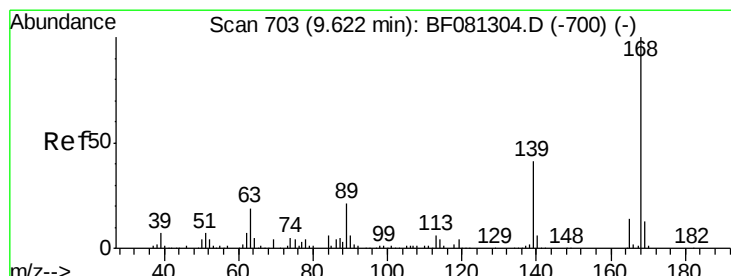
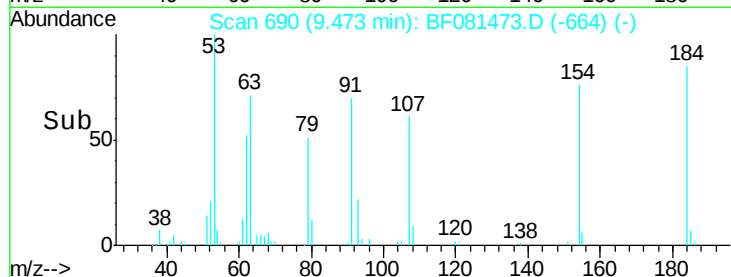
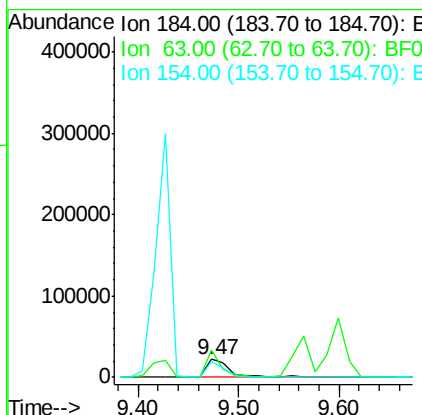
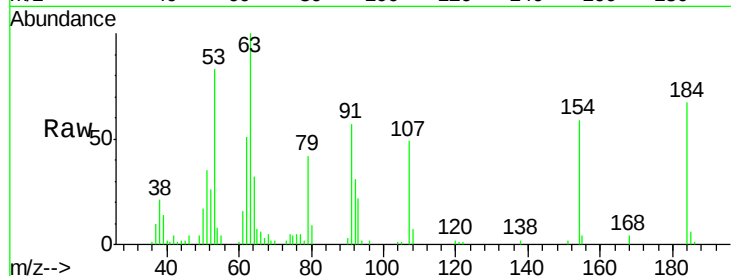




#53  
 2,4-Dinitrophenol  
 Concen: 51.97 ng  
 RT: 9.47 min Scan# 690  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

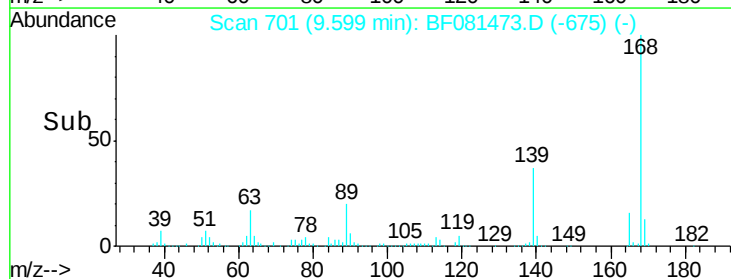
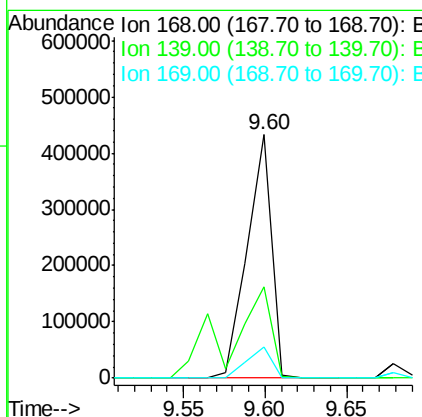
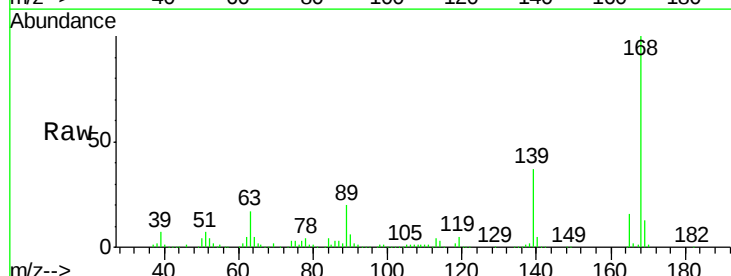
Instrument :  
 BNA\_F  
 ClientSampled :

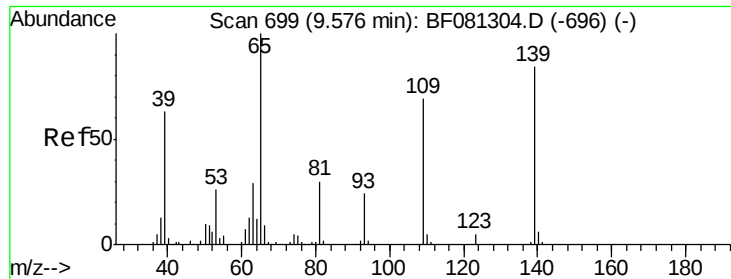
Tot Ion:184 Resp: 35795  
 Ion Ratio Lower Upper  
 184 100  
 63 149.9 35.4 53.2#  
 154 88.7 32.2 48.4#



#54  
 Dibenzofuran  
 Concen: 49.20 ng  
 RT: 9.60 min Scan# 701  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:168 Resp: 446683  
 Ion Ratio Lower Upper  
 168 100  
 139 37.4 24.2 36.2#  
 169 12.9 10.6 15.8

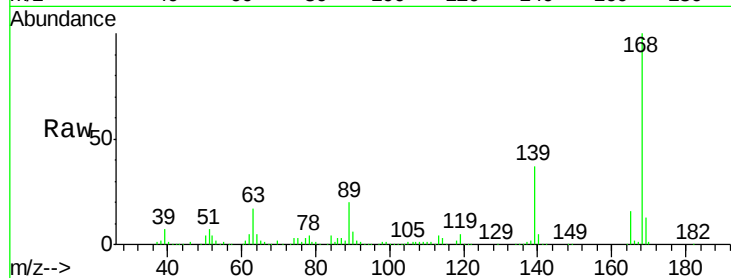




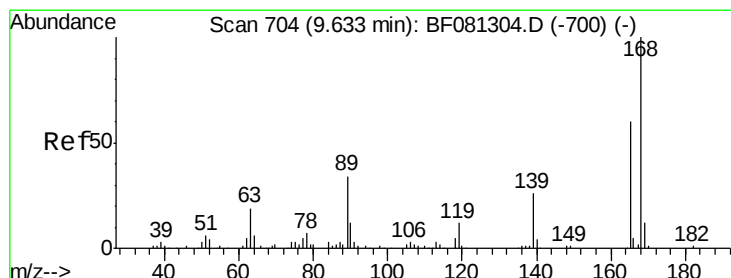
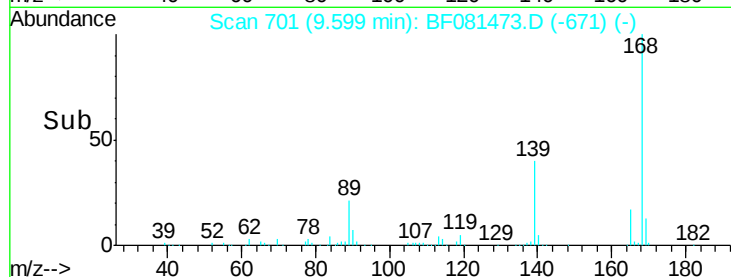
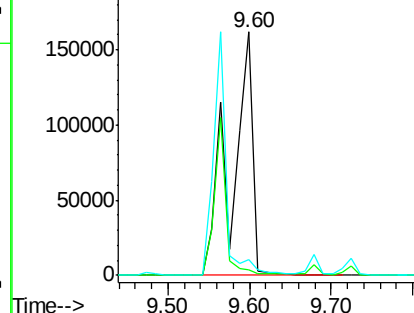
#55  
4-Nitrophenol  
Concen: 251.90 ng  
RT: 9.60 min Scan# 701  
Delta R.T. 0.05 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 2.2   | 12.7  | 52.7# |
| 65      | 6.5   | 45.9  | 85.9# |



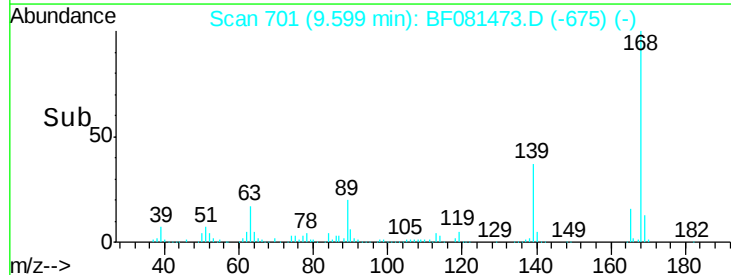
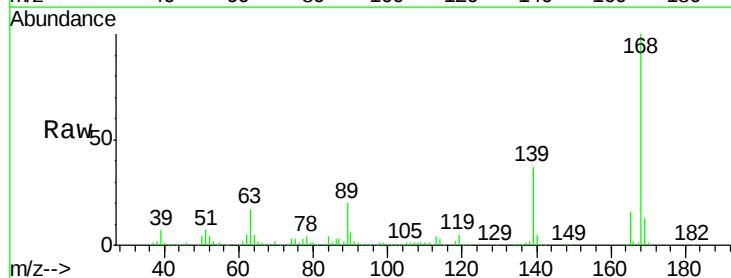
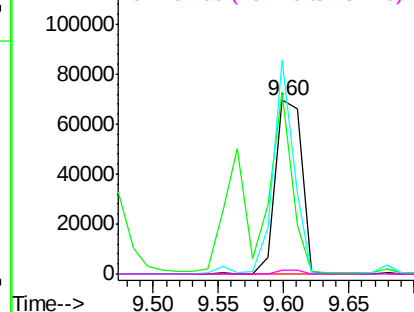
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

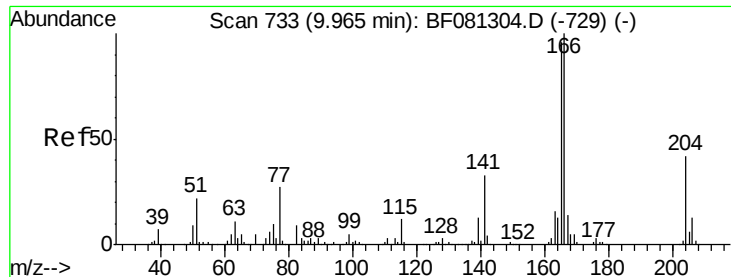


#56  
2,4-Dinitrotoluene  
Concen: 47.39 ng  
RT: 9.60 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 104.1 | 29.8  | 44.6# |
| 89      | 122.7 | 44.5  | 66.7# |
| 182     | 2.1   | 3.0   | 4.4#  |

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

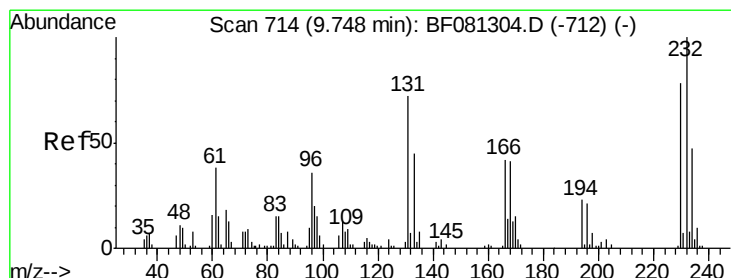
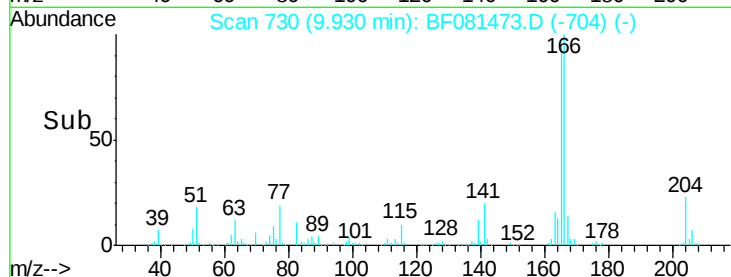
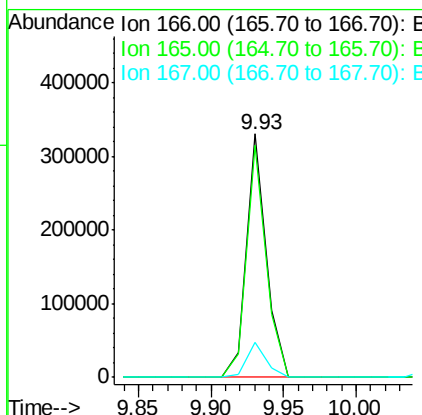
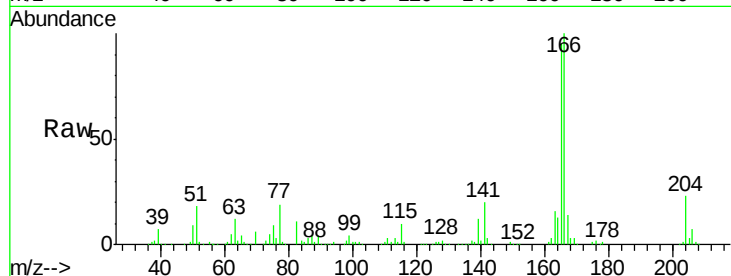




#57  
 Fluorene  
 Concen: 45.40 ng  
 RT: 9.93 min Scan# 730  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

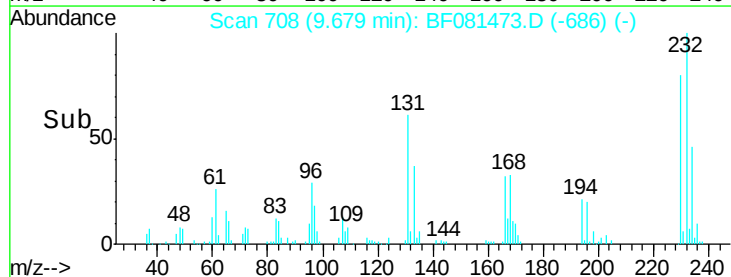
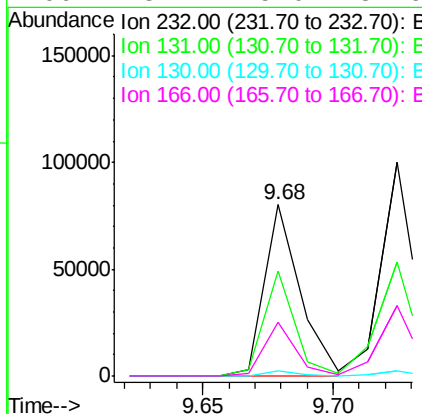
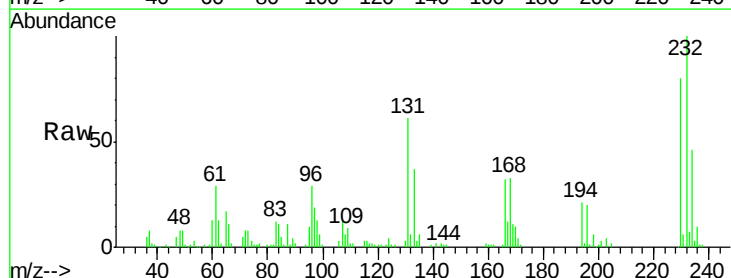
Instrument :  
 BNA\_F  
 ClientSampleId :

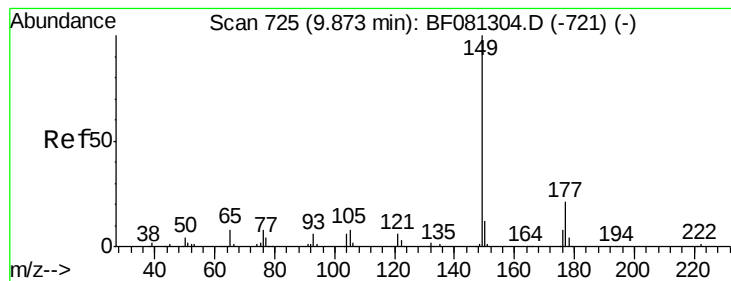
Tot Ion:166 Resp: 312836  
 Ion Ratio Lower Upper  
 166 100  
 165 95.4 72.6 109.0  
 167 14.2 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.59 ng  
 RT: 9.68 min Scan# 708  
 Delta R.T. -0.05 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:232 Resp: 76600  
 Ion Ratio Lower Upper  
 232 100  
 131 53.6 38.5 57.7  
 130 2.5 1.8 2.6  
 166 28.7 25.0 37.6





#59

Diethylphthalate

Concen: 47.44 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

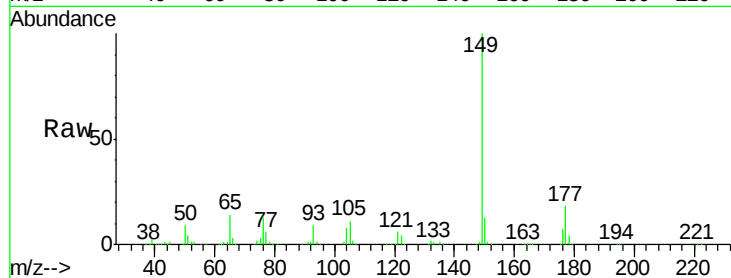
Tot Ion:149 Resp: 359513

Ion Ratio Lower Upper

149 100

177 18.2 17.5 26.3

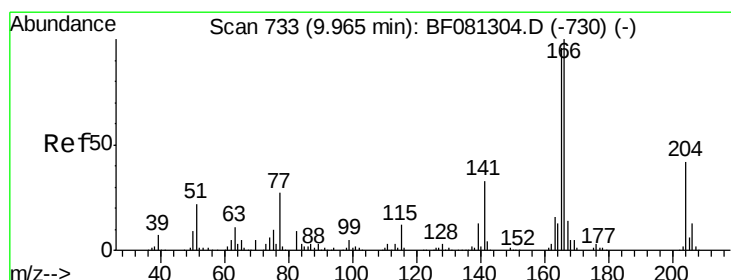
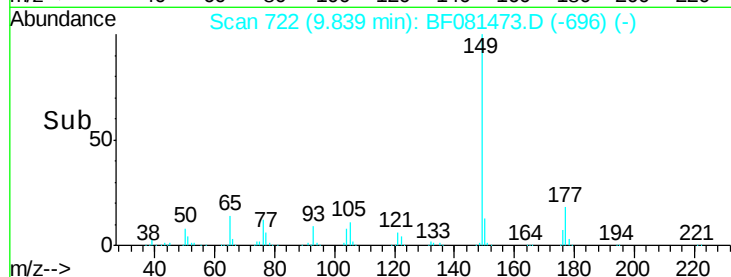
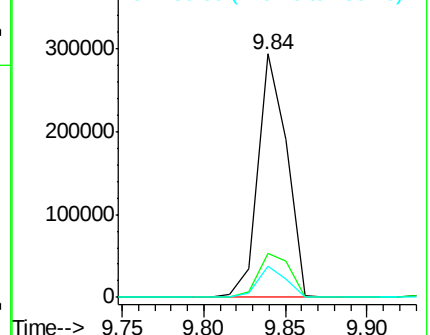
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.67 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

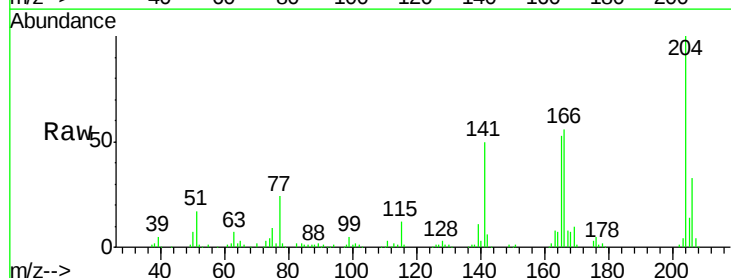
Tgt Ion:204 Resp: 165931

Ion Ratio Lower Upper

204 100

206 33.4 24.8 37.2

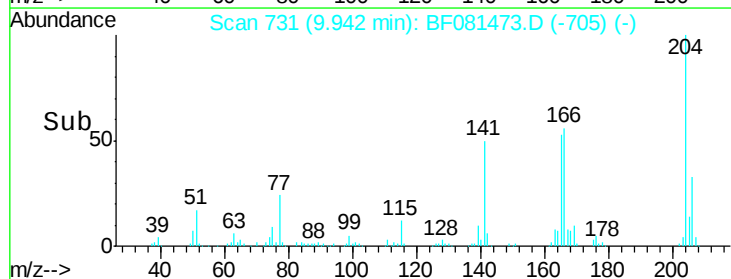
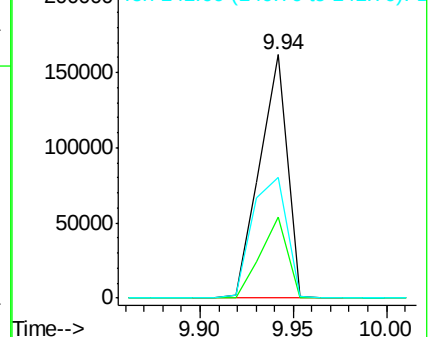
141 49.6 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.22 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

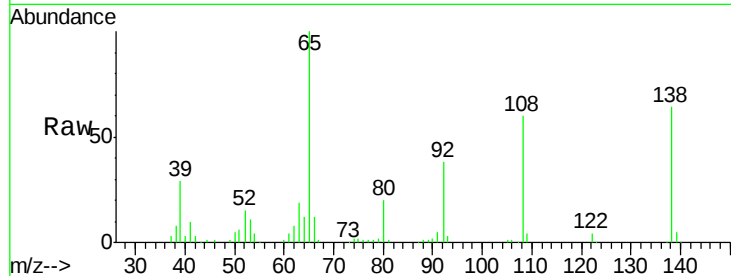
Tot Ion:138 Resp: 79414

Ion Ratio Lower Upper

138 100

92 59.2 12.6 52.6#

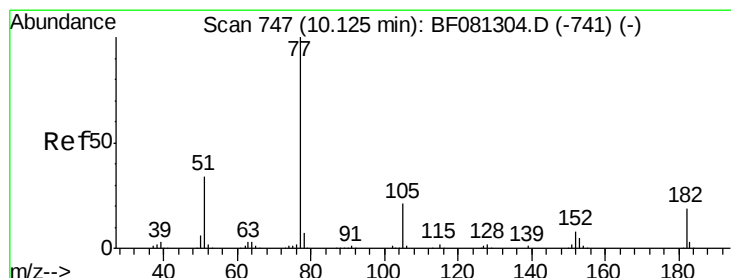
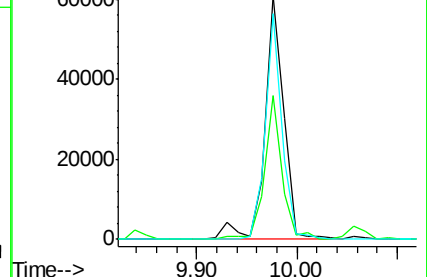
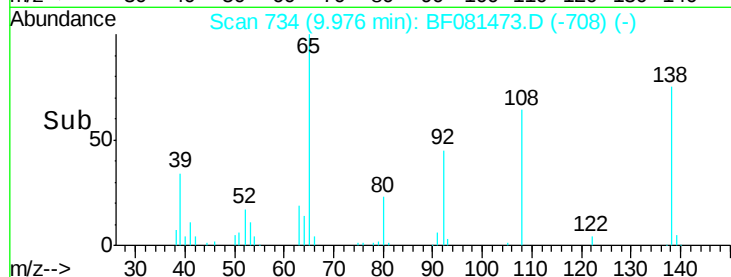
108 92.7 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.57 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion: 77 Resp: 392377

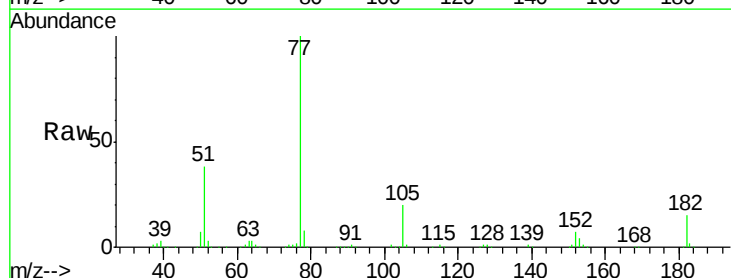
Ion Ratio Lower Upper

77 100

182 14.5 15.1 55.1#

105 20.0 3.4 43.4

51 38.0 12.0 52.0

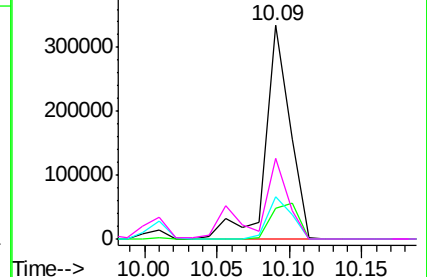
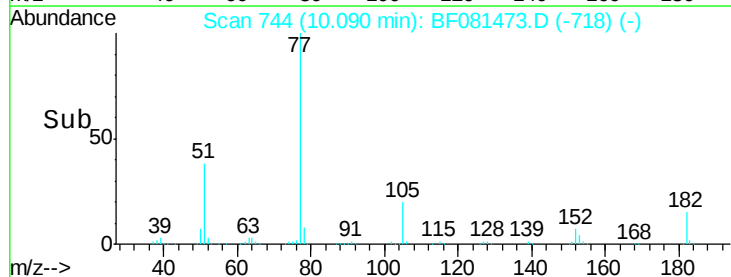


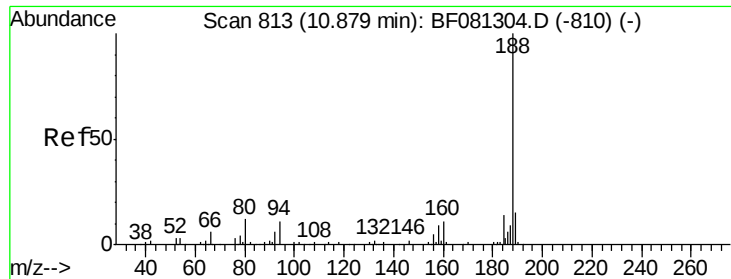
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

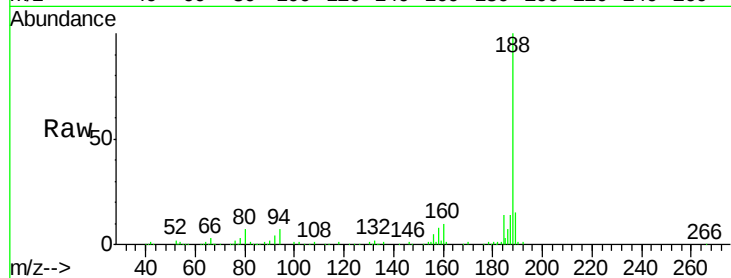




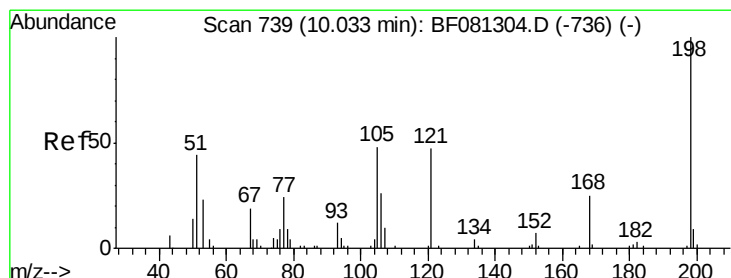
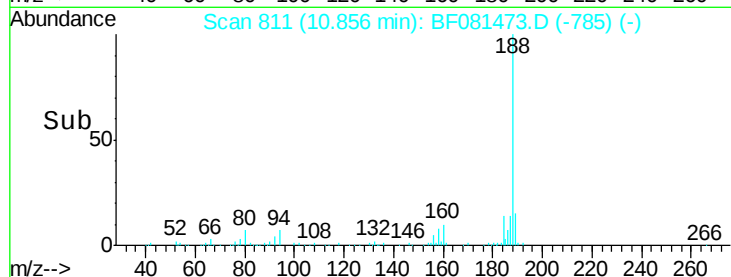
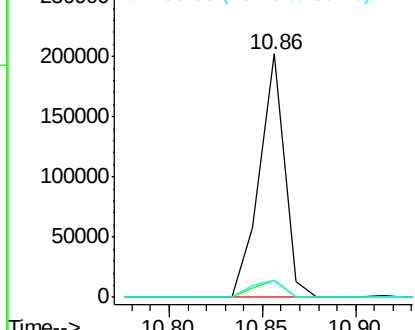
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 188378  
Ion Ratio Lower Upper  
188 100  
94 6.9 11.1 16.7#  
80 6.9 11.0 16.4#

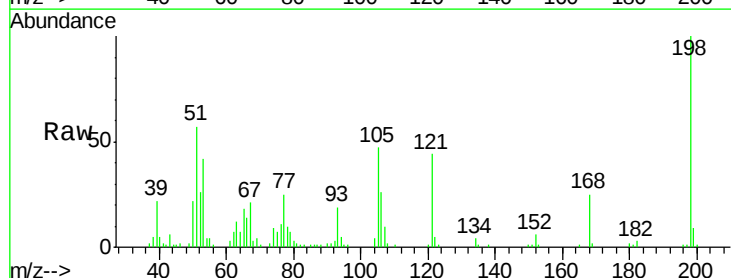


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

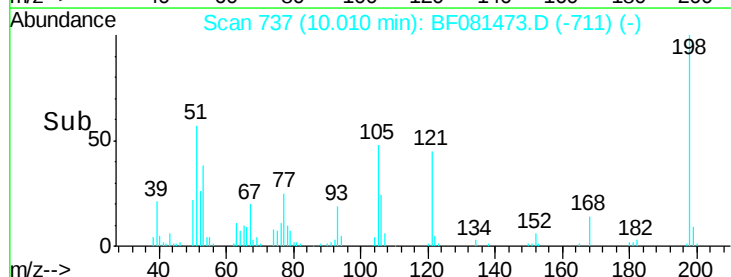
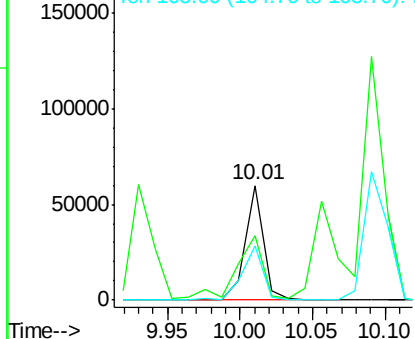


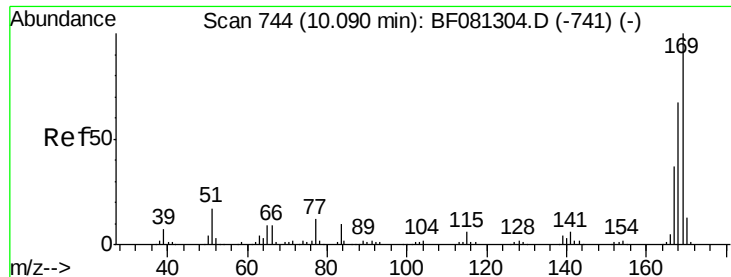
#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.98 ng  
RT: 10.01 min Scan# 737  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:198 Resp: 52664  
Ion Ratio Lower Upper  
198 100  
51 56.5 39.6 79.6  
105 47.1 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

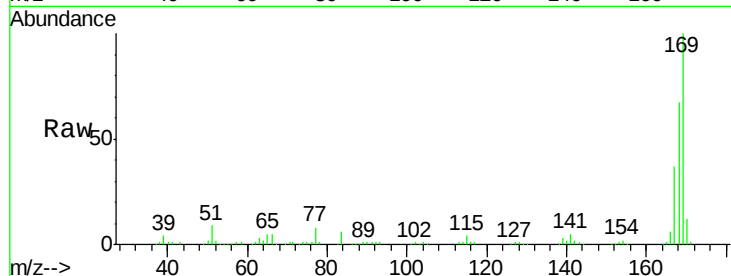




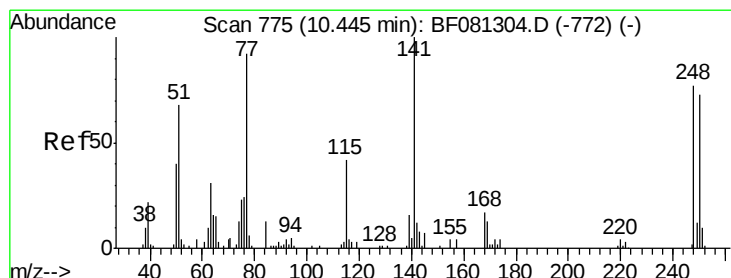
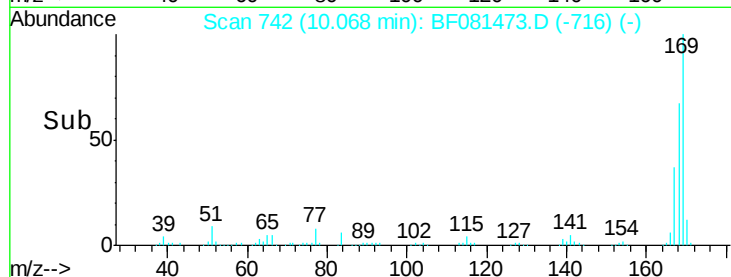
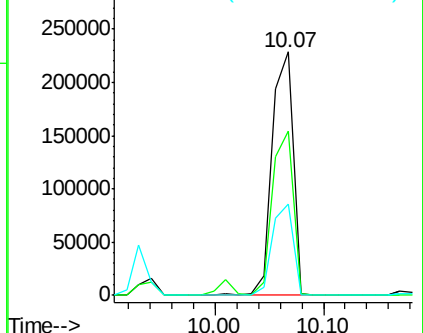
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.62 ng  
 RT: 10.07 min Scan# 742  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:169 Resp: 305882  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 48.9 73.3  
 167 37.3 26.2 39.4

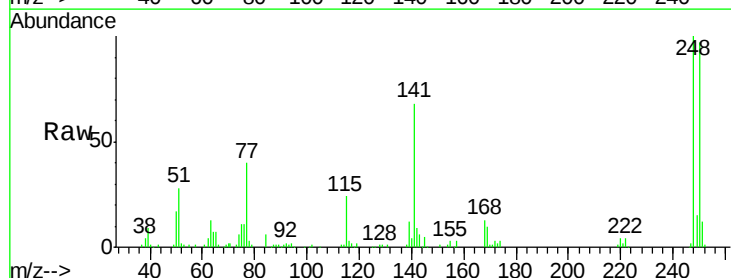


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

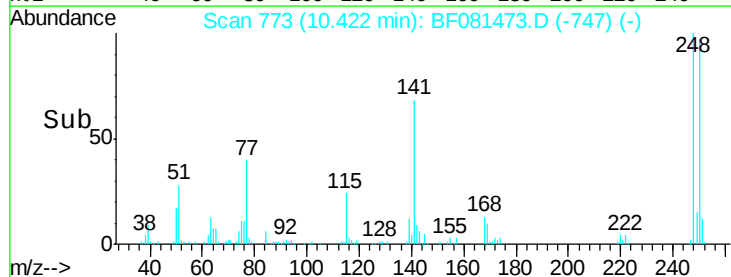
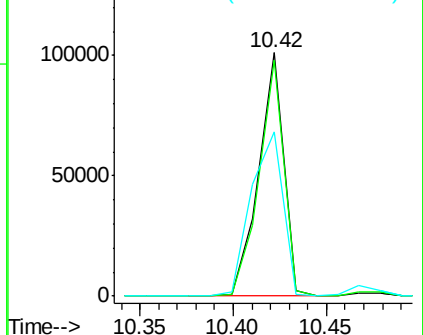


#66  
 4-Bromophenyl-phenylether  
 Concen: 49.13 ng  
 RT: 10.42 min Scan# 773  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:248 Resp: 93577  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 78.5 117.7  
 141 67.6 59.0 88.6



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





#67

Hexachlorobenzene

Concen: 46.88 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampled :

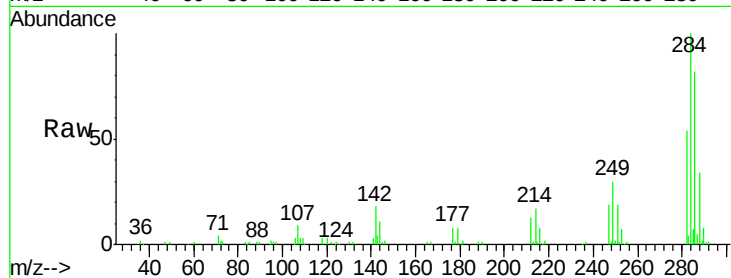
Tot Ion:284 Resp: 93365

Ion Ratio Lower Upper

284 100

142 18.1 29.5 44.3#

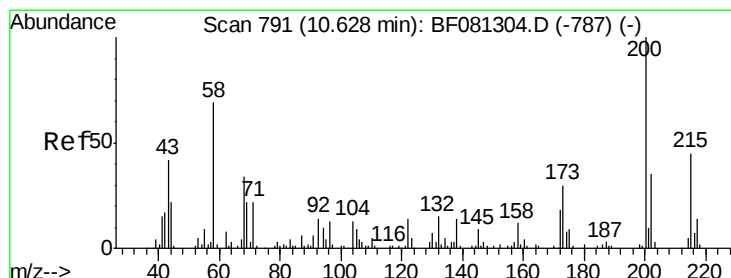
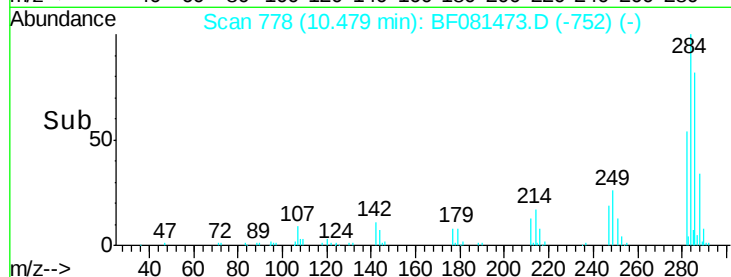
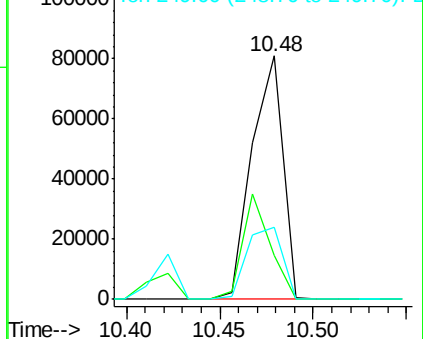
249 29.6 19.5 29.3#



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: 53.87 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

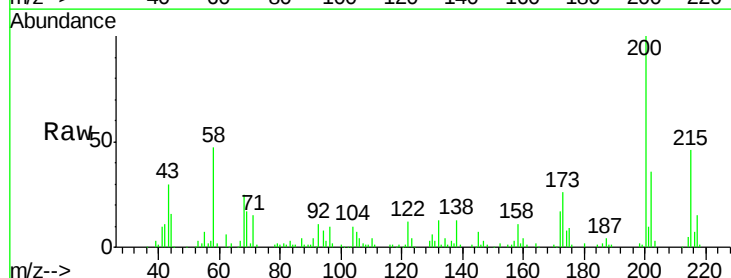
Tgt Ion:200 Resp: 106849

Ion Ratio Lower Upper

200 100

173 26.1 13.2 53.2

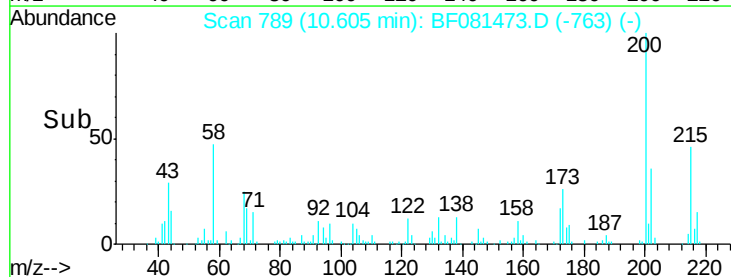
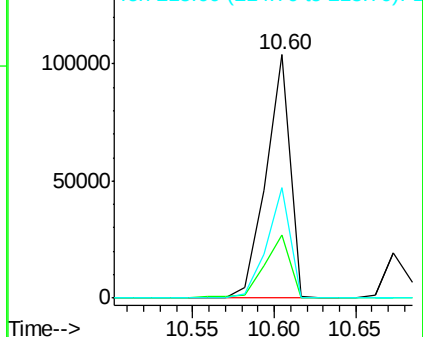
215 45.6 41.8 81.8



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

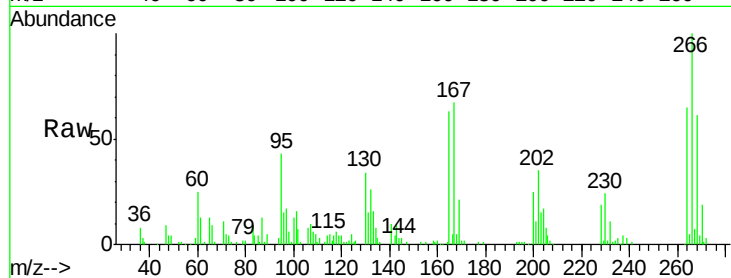




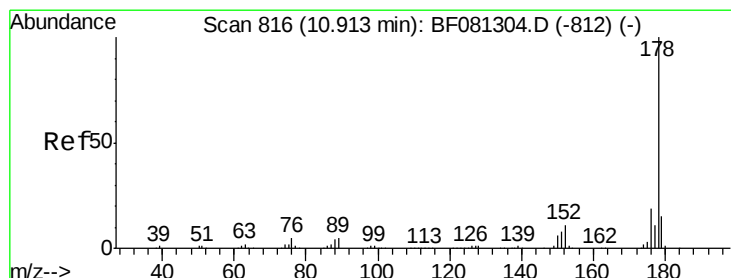
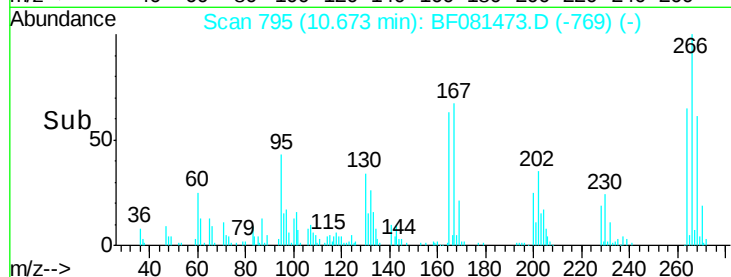
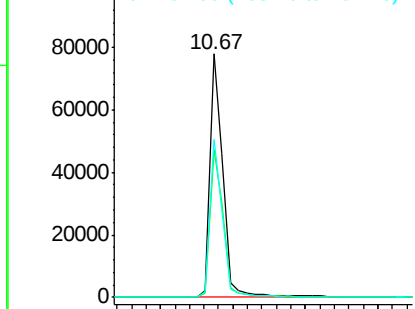
#69  
 Pentachlorophenol  
 Concen: 96.25 ng  
 RT: 10.67 min Scan# 795  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 95250  
 Ion Ratio Lower Upper  
 266 100  
 268 60.7 49.8 74.6  
 264 64.9 50.2 75.2

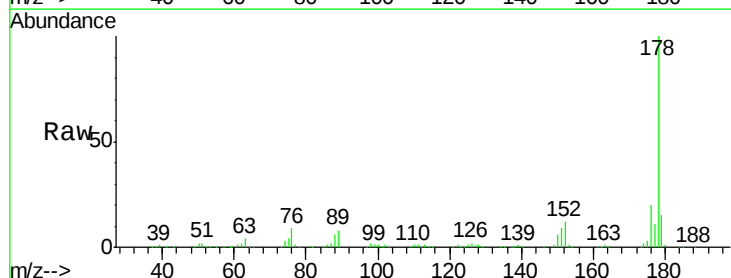


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

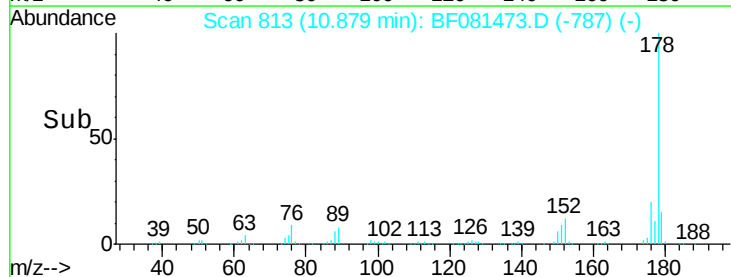
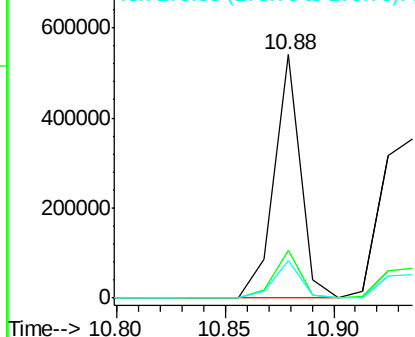


#70  
 Phenanthrene  
 Concen: 44.08 ng  
 RT: 10.88 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:178 Resp: 461682  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 13.8 20.8  
 179 15.4 12.2 18.2



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

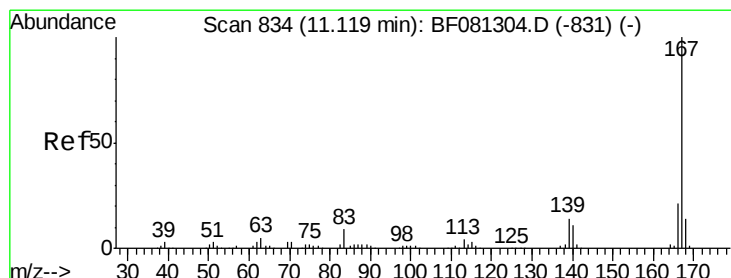
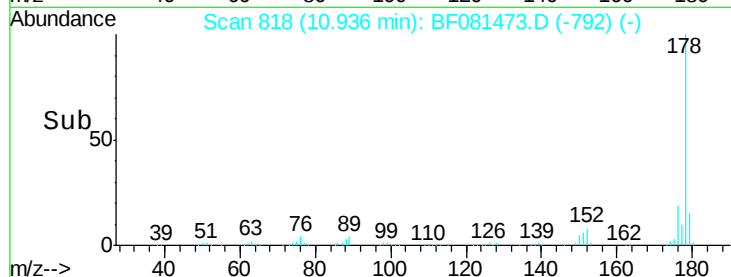
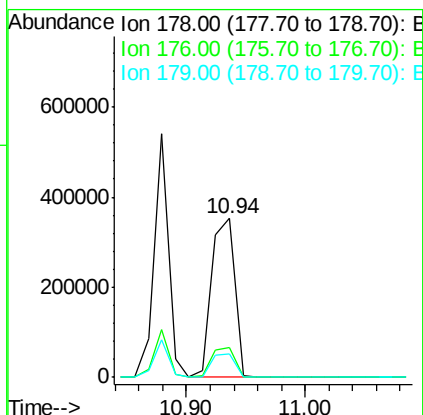
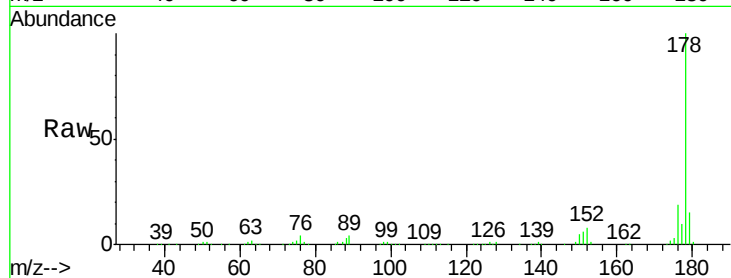




#71  
 Anthracene  
 Concen: 44.12 ng  
 RT: 10.94 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

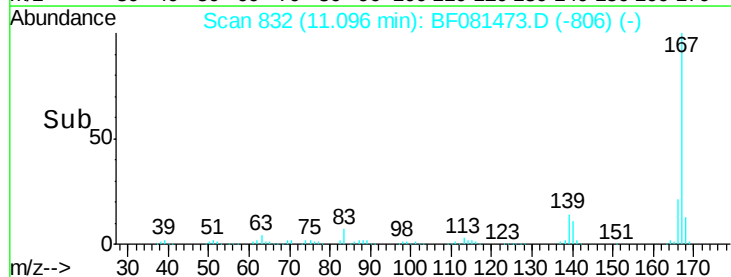
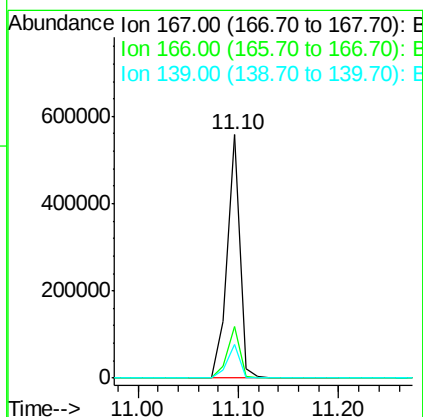
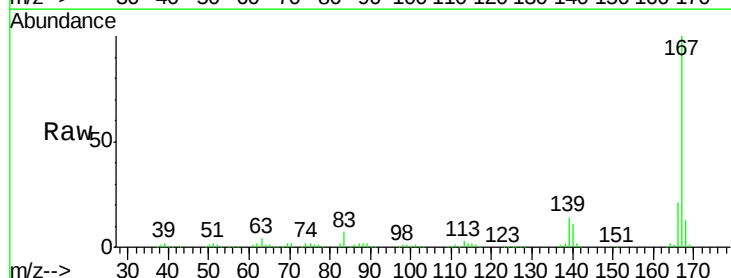
Instrument :  
 BNA\_F  
 ClientSampleId :

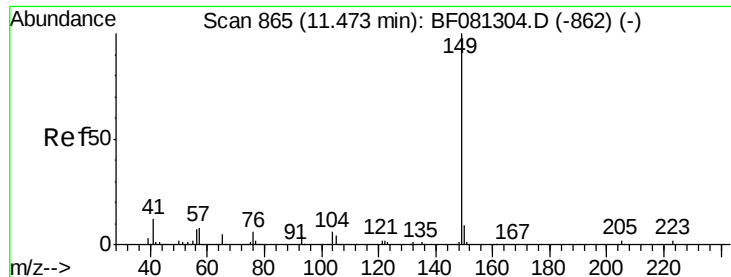
Tot Ion:178 Resp: 474703  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.1 21.1  
 179 15.0 12.2 18.2



#72  
 Carbazole  
 Concen: 48.83 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:167 Resp: 493051  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 15.7 23.5  
 139 13.7 9.5 14.3





#73

Di-n-butylphthalate

Concen: 50.91 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

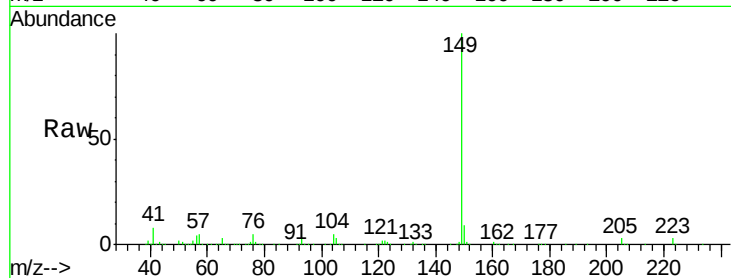
Tot Ion:149 Resp: 606942

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

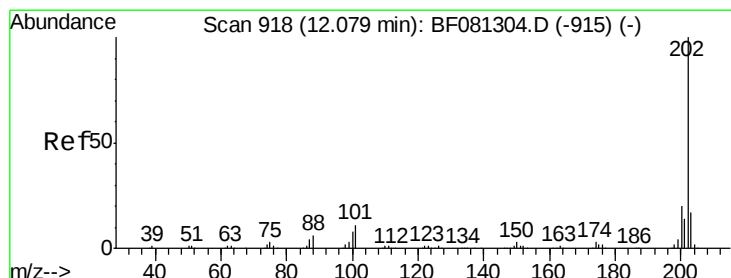
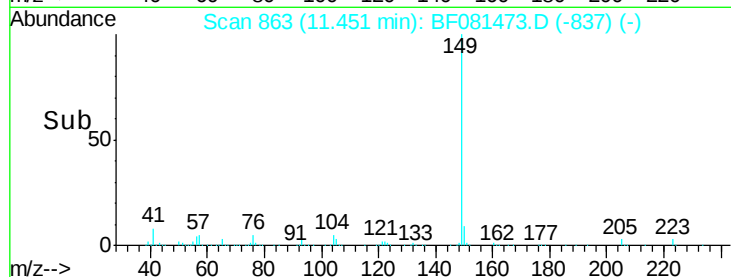
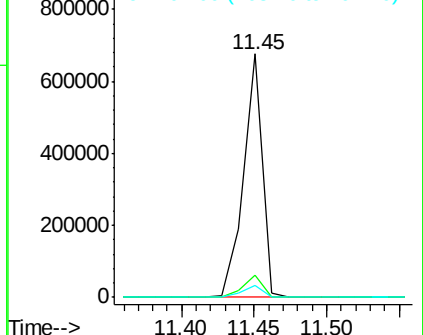
104 5.0 2.4 3.6#



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: 45.58 ng

RT: 12.06 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

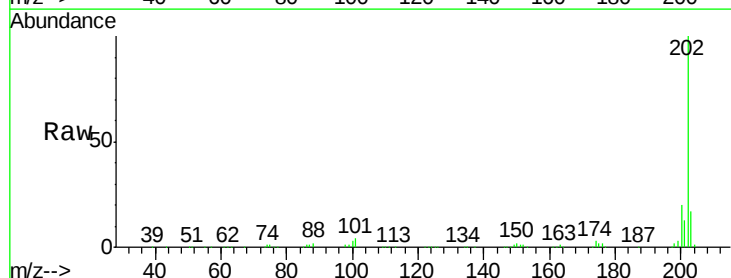
Tgt Ion:202 Resp: 516800

Ion Ratio Lower Upper

202 100

101 4.3 0.0 38.3

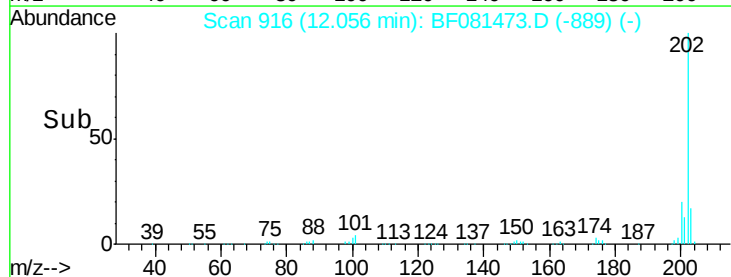
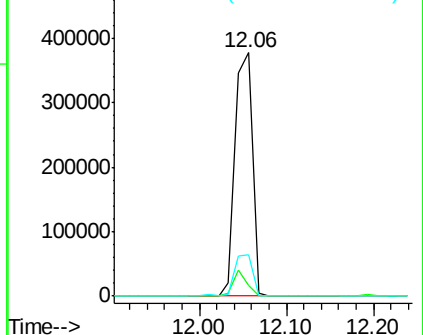
203 17.0 0.0 37.3

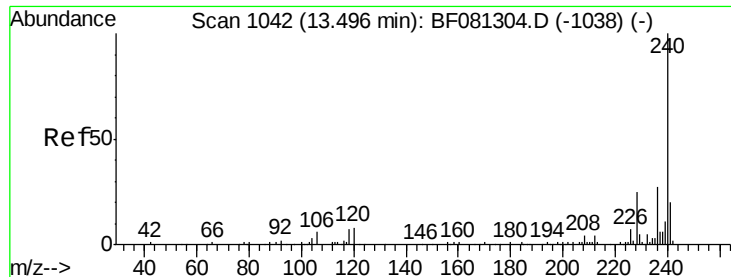


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

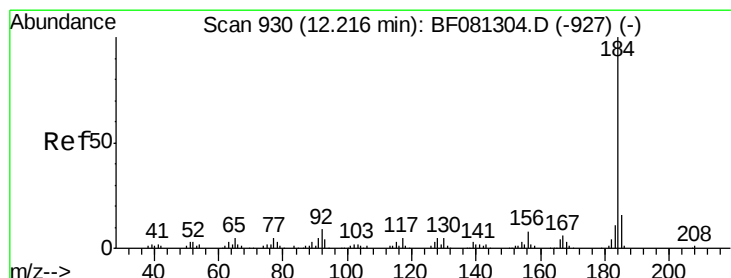
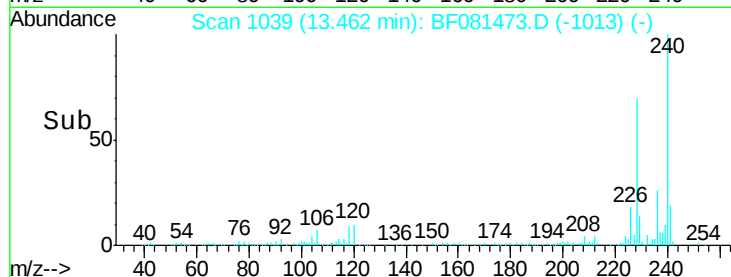
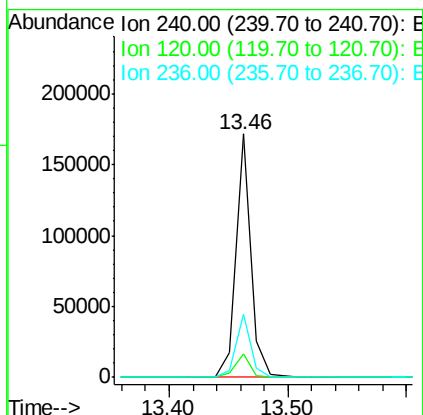
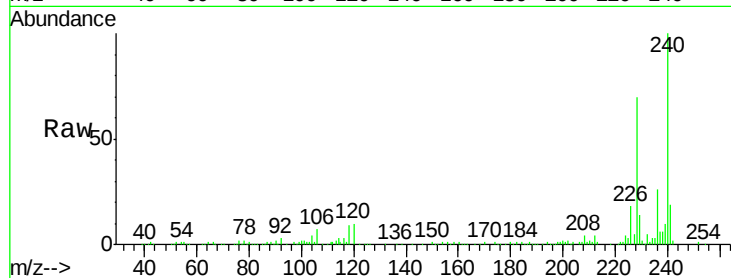




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.46 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

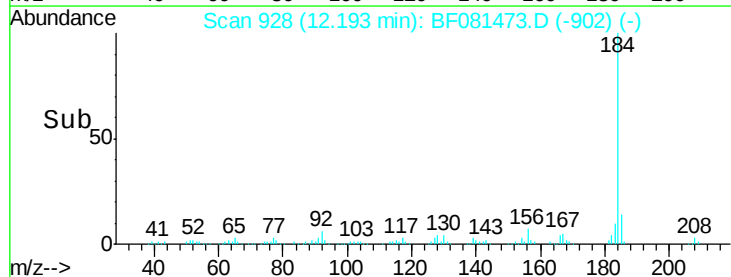
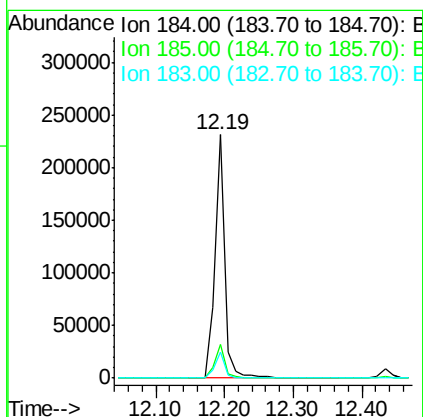
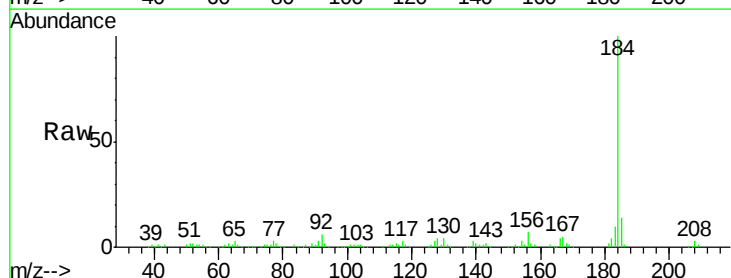
Instrument :  
BNA\_F  
ClientSampleId :

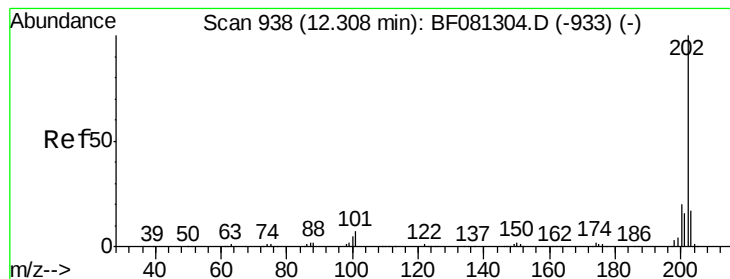
Tot Ion:240 Resp: 149574  
Ion Ratio Lower Upper  
240 100  
120 9.5 16.2 24.2#  
236 26.1 18.4 27.6



#76  
Benzidine  
Concen: 36.62 ng  
RT: 12.19 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:184 Resp: 235117  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.8 17.6  
183 10.5 7.6 11.4





#77

Pvrene

Concen: 49.12 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :  
BNA\_F  
ClientSampleId :

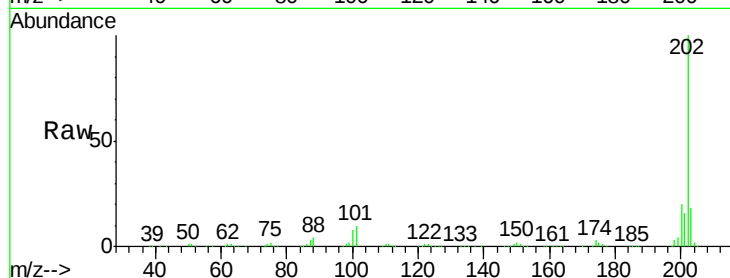
Tot Ion:202 Resp: 544196

Ion Ratio Lower Upper

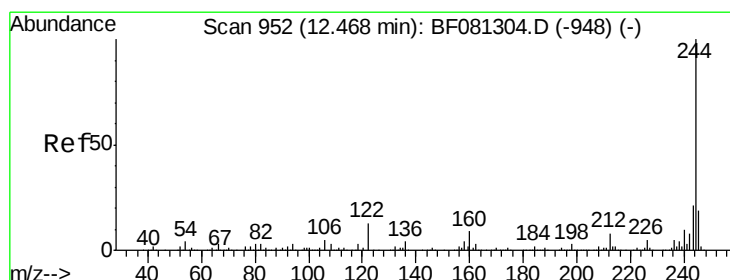
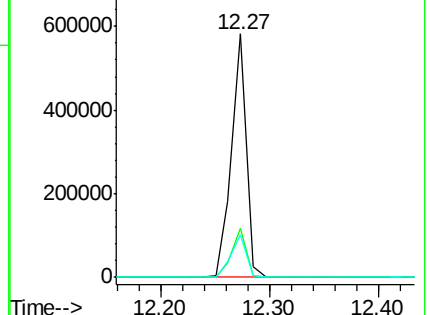
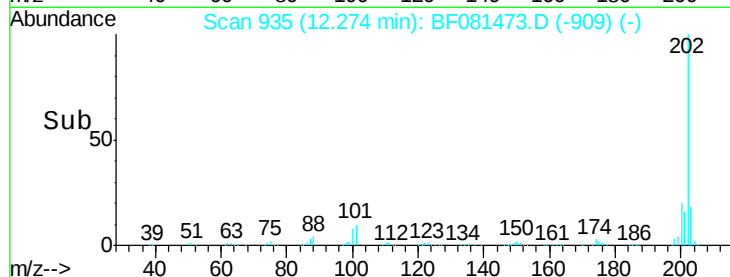
202 100

200 20.3 15.0 22.4

203 17.7 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: 85.91 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

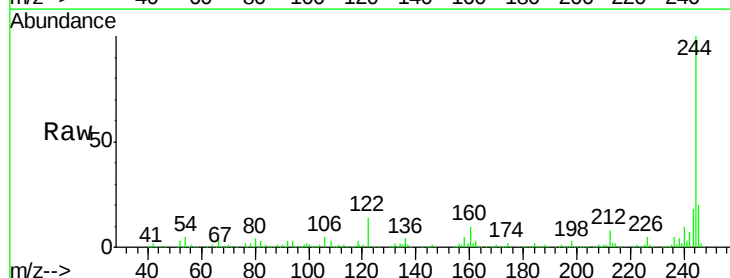
Tgt Ion:244 Resp: 552041

Ion Ratio Lower Upper

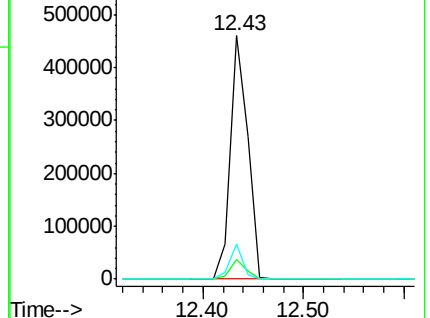
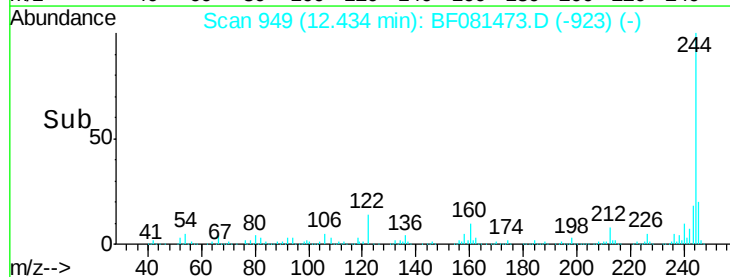
244 100

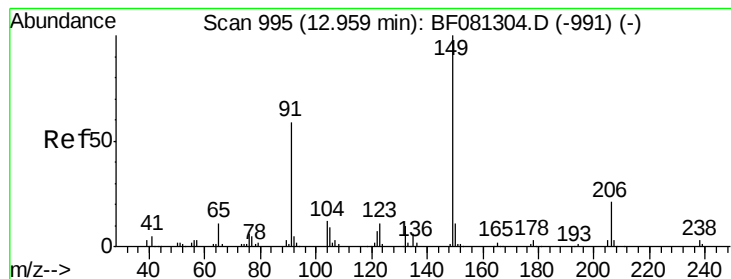
212 8.3 4.3 6.5#

122 14.4 17.4 26.2#



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: 52.98 ng

RT: 12.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

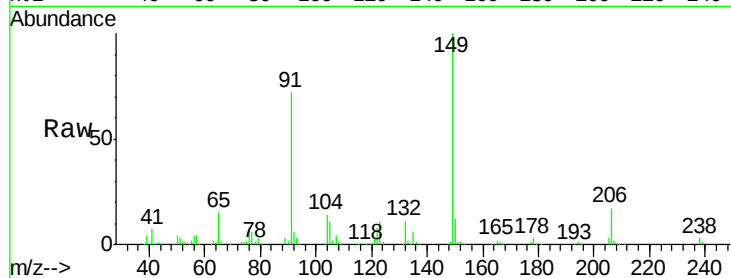
Tot Ion:149 Resp: 255299

Ion Ratio Lower Upper

149 100

91 72.4 48.6 72.8

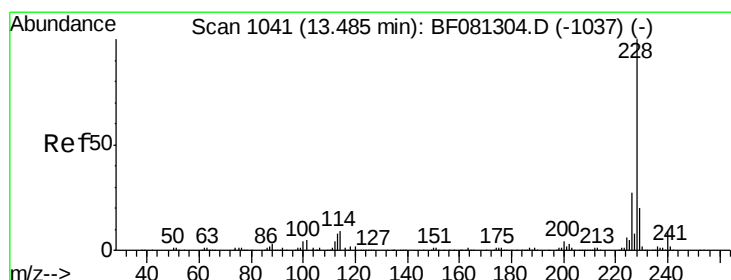
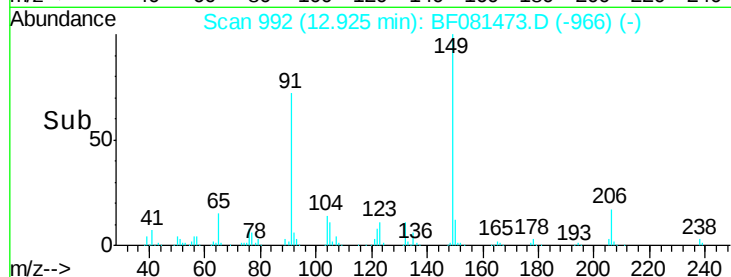
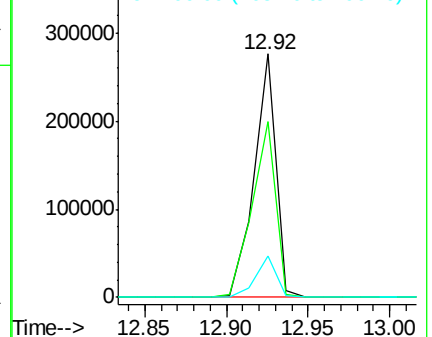
206 17.0 14.9 22.3



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: 43.42 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

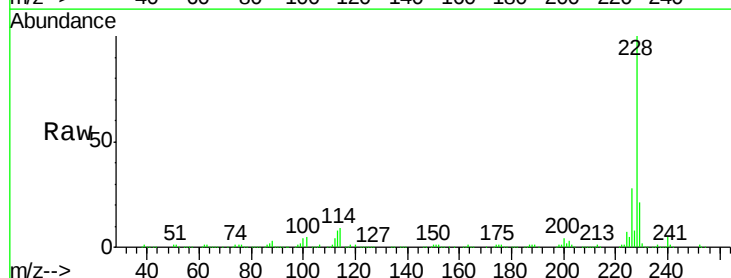
Tgt Ion:228 Resp: 413568

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

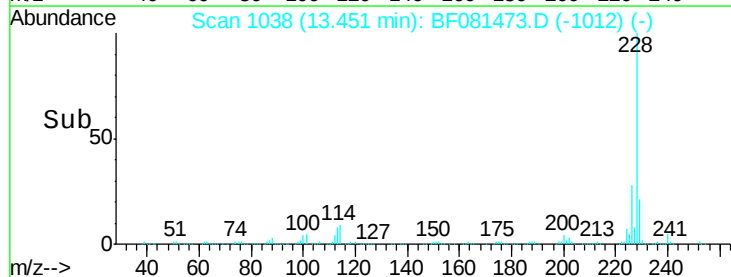
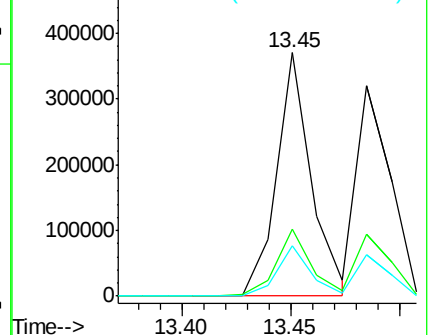
229 20.6 15.4 23.2



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

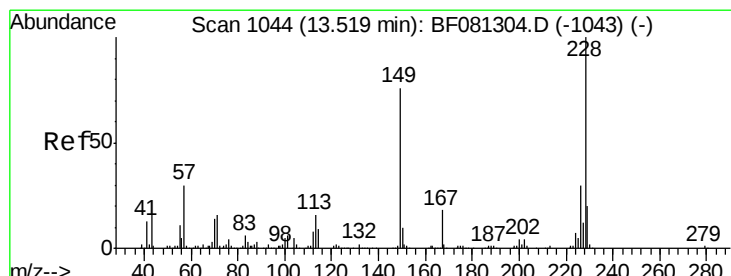
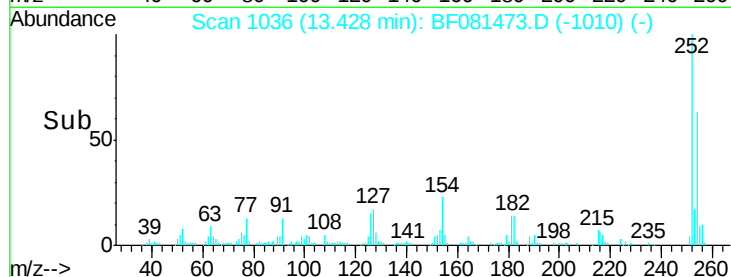
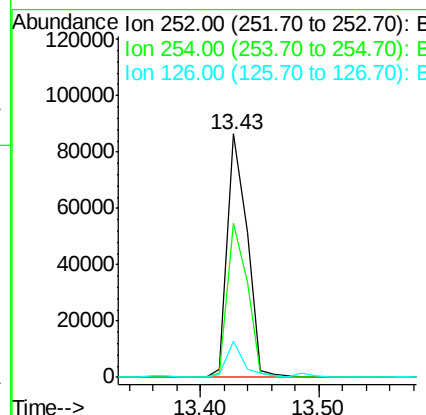
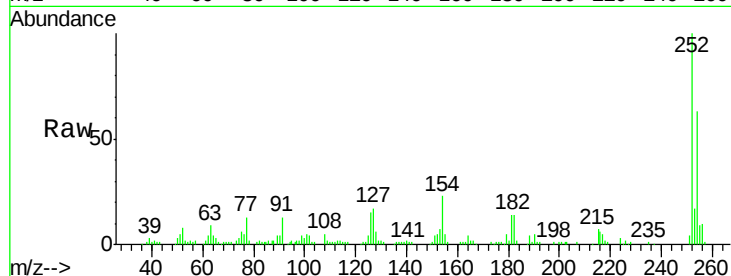




#81  
 3,3'-Dichlorobenzidine  
 Concen: 30.97 ng  
 RT: 13.43 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

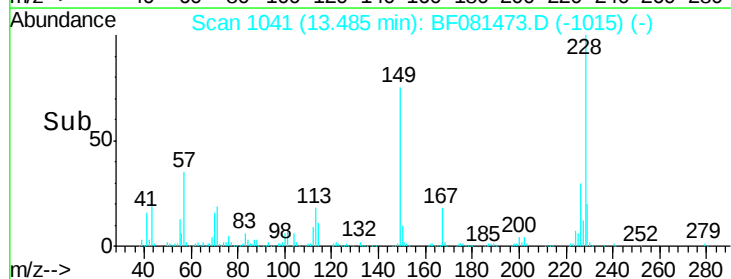
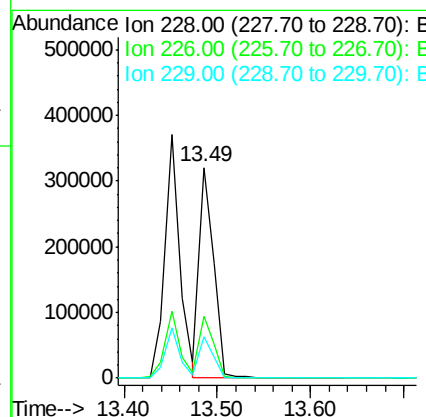
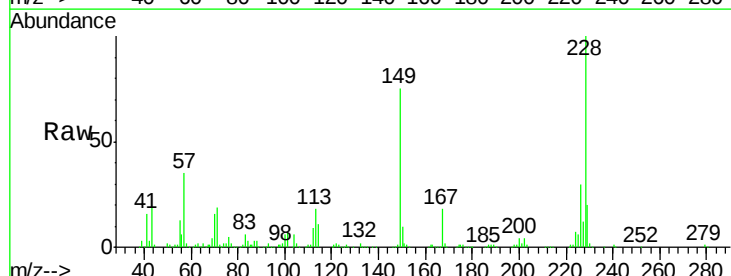
Instrument :  
 BNA\_F  
 ClientSampled :

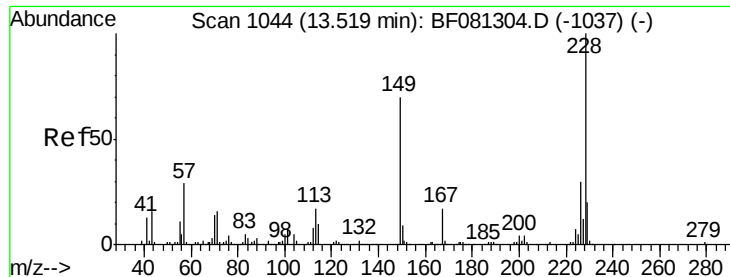
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.0  | 51.4  | 77.2  |
| 126     | 15.1  | 16.4  | 24.6# |



#82  
 Chrysene  
 Concen: 41.15 ng  
 RT: 13.49 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 21.0  | 31.4  |
| 229     | 19.7  | 15.6  | 23.4  |

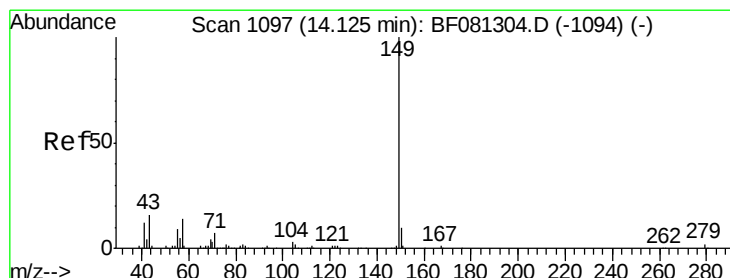
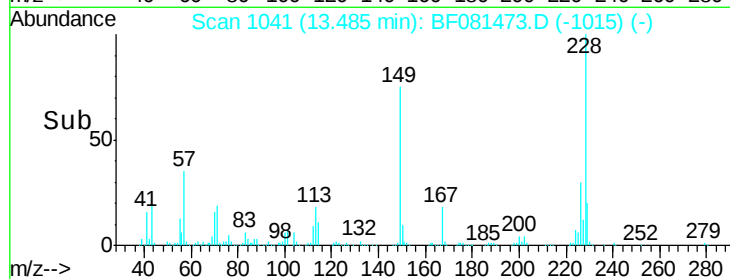
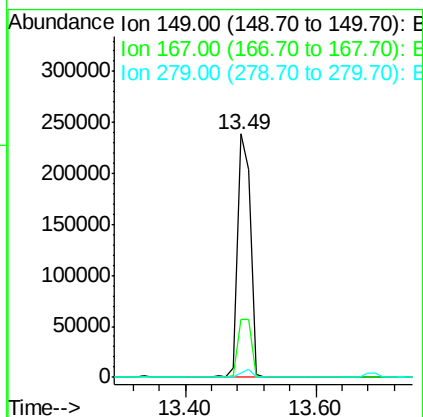
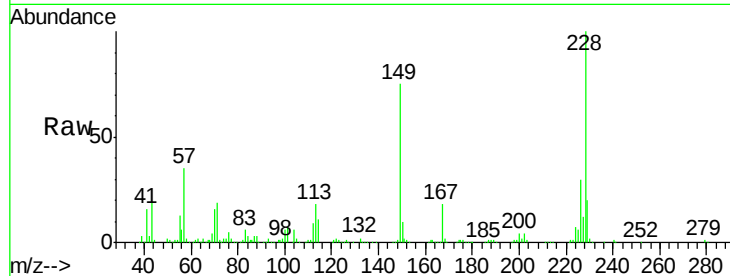




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.01 ng  
 RT: 13.49 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

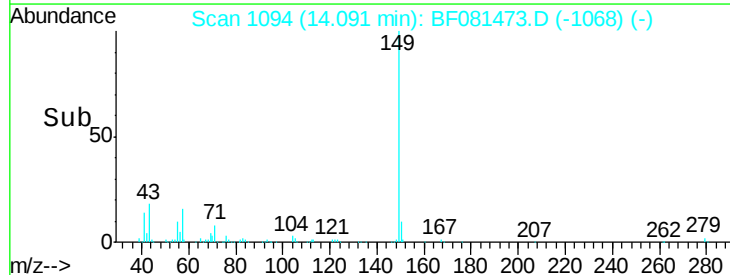
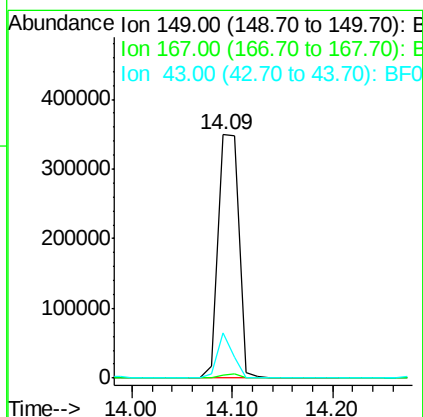
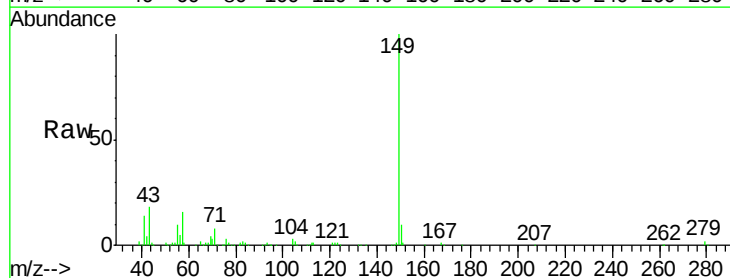
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 318032  
 Ion Ratio Lower Upper  
 149 100  
 167 23.6 24.2 36.2#  
 279 1.5 3.8 5.6#



#84  
 Di-n-octyl phthalate  
 Concen: 47.60 ng  
 RT: 14.09 min Scan# 1094  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Tgt Ion:149 Resp: 498371  
 Ion Ratio Lower Upper  
 149 100  
 167 1.4 1.0 1.6  
 43 14.1 10.2 15.2

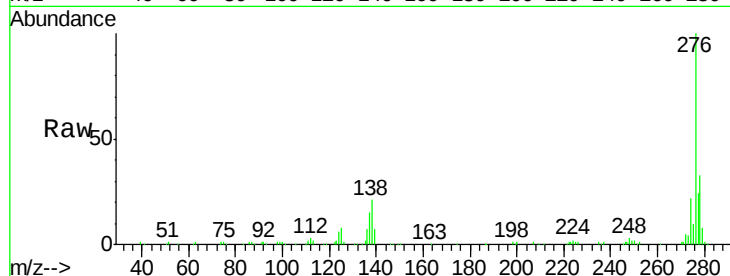




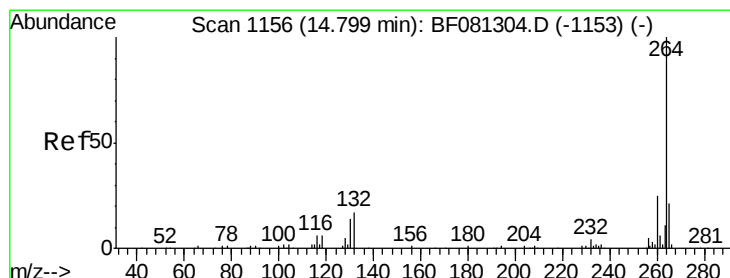
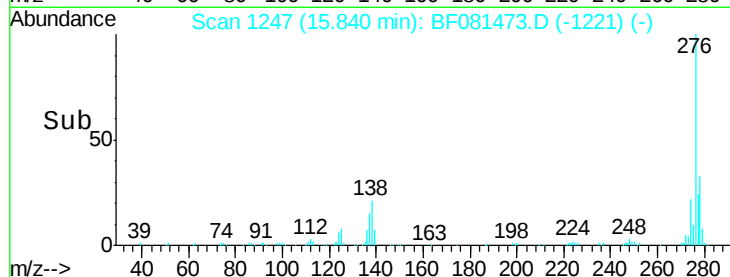
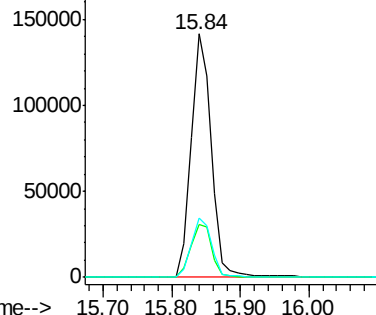
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.28 ng  
 RT: 15.84 min Scan# 1247  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.8  | 25.7  | 38.5# |
| 277     | 24.5  | 15.6  | 23.4# |

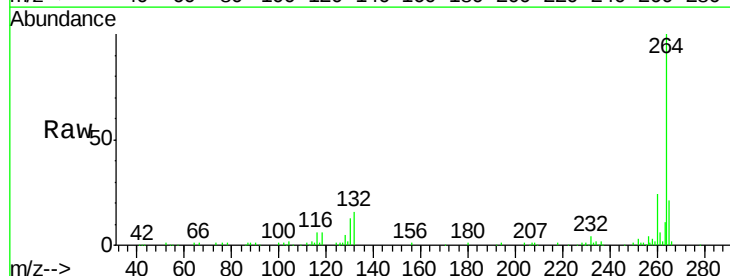


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

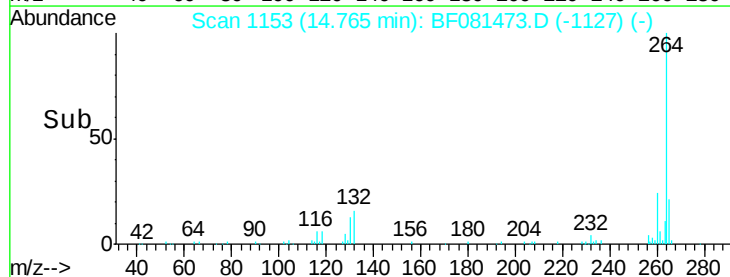
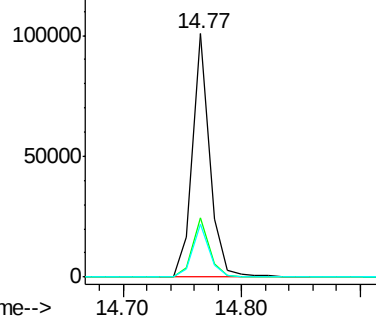


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 14.77 min Scan# 1153  
 Delta R.T. -0.00 min  
 Lab File: BF081473.D  
 Acq: 5 Sep 2015 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 16.7  | 25.1  |
| 265     | 21.5  | 17.2  | 25.8  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 92.53 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

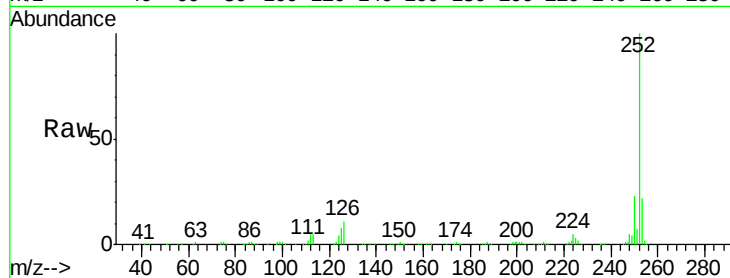
Tot Ion:252 Resp: 665998

Ion Ratio Lower Upper

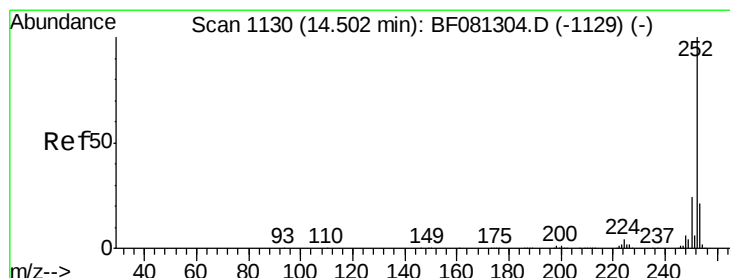
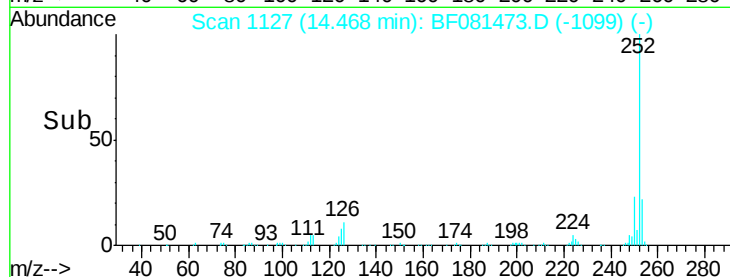
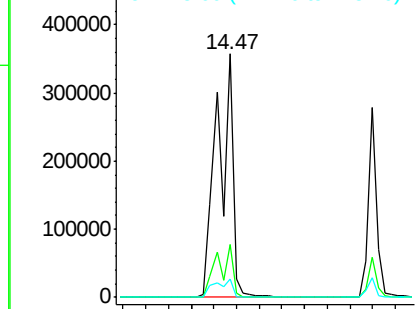
252 100

253 21.6 17.5 26.3

125 7.7 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 111.51 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

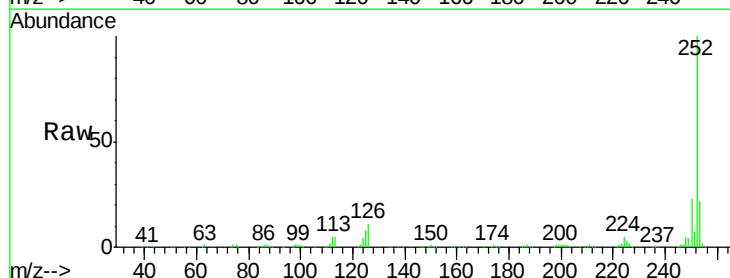
Tgt Ion:252 Resp: 665998

Ion Ratio Lower Upper

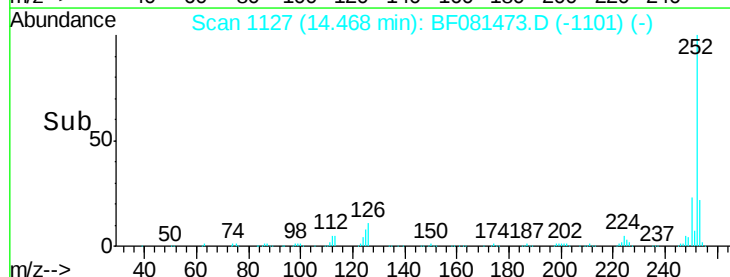
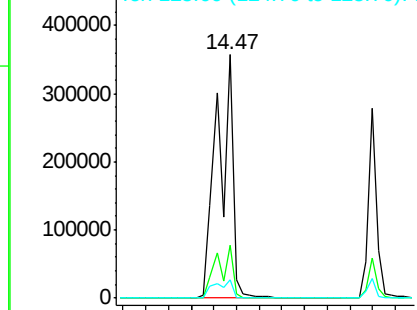
252 100

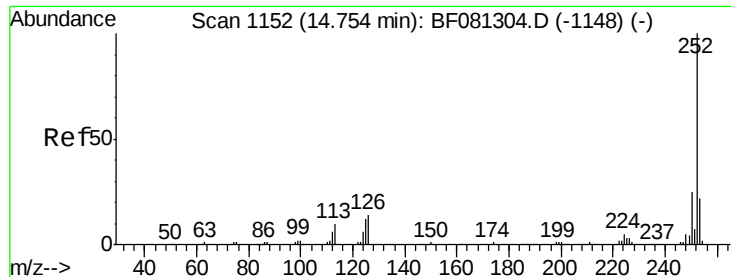
253 21.6 17.0 25.4

125 7.7 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

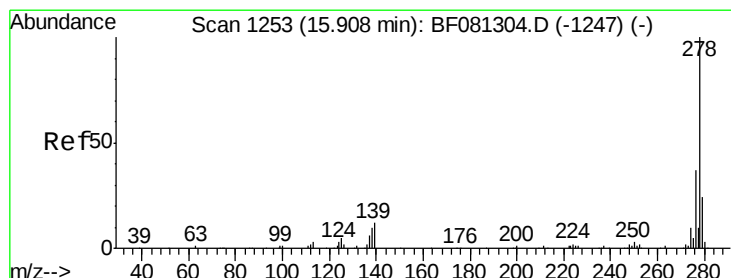
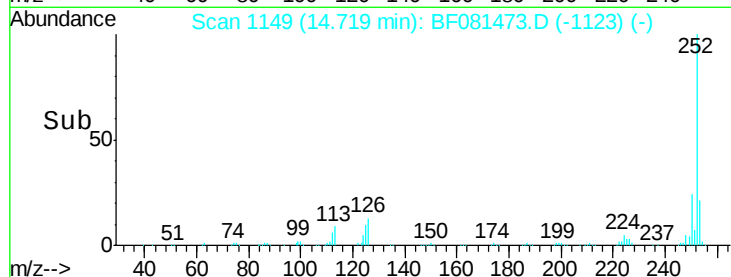
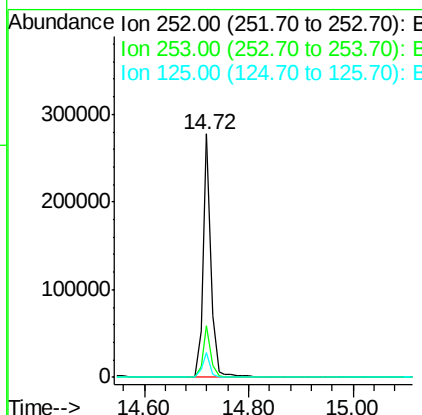
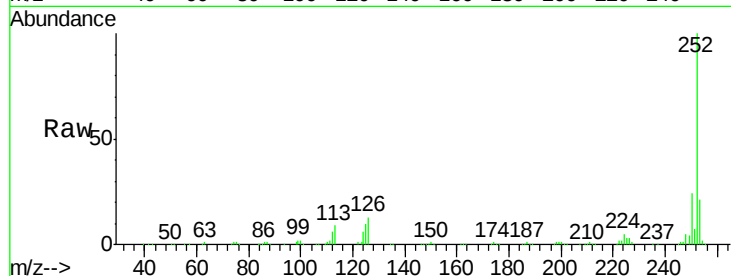




#89  
Benzo(a)pyrene  
Concen: 47.31 ng  
RT: 14.72 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

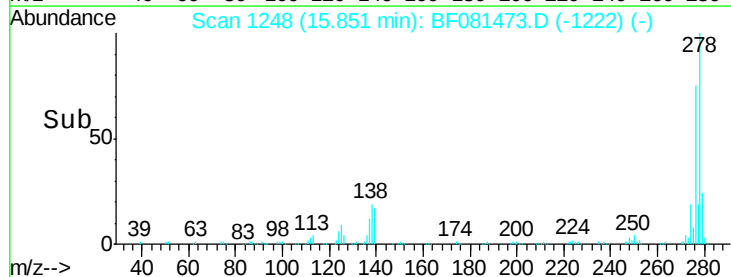
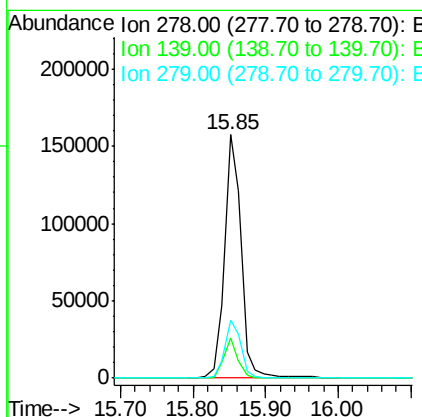
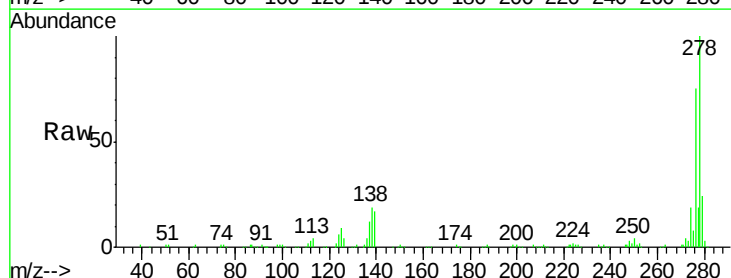
Instrument :  
BNA\_F  
ClientSampleId :

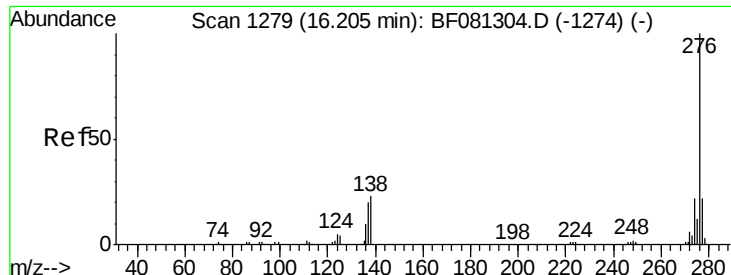
Tot Ion:252 Resp: 288550  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.2 25.8  
125 10.3 18.0 27.0#



#90  
Dibenzo(a,h)anthracene  
Concen: 53.05 ng  
RT: 15.85 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: BF081473.D  
Acq: 5 Sep 2015 19:25

Tgt Ion:278 Resp: 250025  
Ion Ratio Lower Upper  
278 100  
139 16.6 26.3 39.5#  
279 23.9 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 55.71 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA\_F

ClientSampleId :

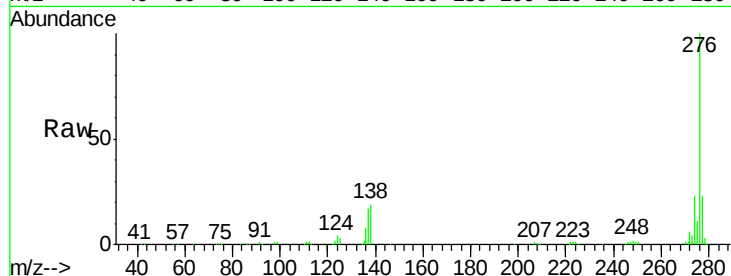
Tot Ion:276 Resp: 250602

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 19.1 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

