

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\  
 Data File : BF081383.D  
 Acq On : 3 Sep 2015 18:40  
 Operator : UM/IZ  
 Sample : PB85348BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

Quant Time: Sep 04 02:05:39 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 04 02:03:29 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.36  | 152  | 55363    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.66  | 136  | 210353   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.40  | 164  | 106810   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.87 | 188  | 214968   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.47 | 240  | 166217   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.78 | 264  | 105045   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 4.92  | 112 | 404612 | 113.39 | ng | 0.01  |
| 7) Phenol-d6             | 6.04  | 99  | 544732 | 115.33 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 6.95  | 82  | 335444 | 76.94  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.19 | 330 | 123509 | 129.87 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 8.74  | 172 | 582816 | 69.93  | ng | -0.01 |
| 78) Terphenyl-d14        | 12.46 | 244 | 618829 | 86.67  | ng | 0.00  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.76 | 88  | 47035  | 29.35 | ng | # 88   |
| 3) Pyridine                    | 2.30 | 79  | 160185 | 36.25 | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 2.26 | 42  | 95250  | 38.80 | ng | # 75   |
| 6) Aniline                     | 6.03 | 93  | 168355 | 25.24 | ng | # 80   |
| 8) 2-Chlorophenol              | 6.16 | 128 | 161880 | 41.17 | ng | # 88   |
| 9) Benzaldehyde                | 5.91 | 77  | 18663  | 6.31  | ng | # 83   |
| 10) Phenol                     | 6.06 | 94  | 185234 | 33.82 | ng | # 45   |
| 11) bis(2-Chloroethyl)ether    | 6.12 | 93  | 162752 | 41.18 | ng | # 91   |
| 12) 1,3-Dichlorobenzene        | 6.31 | 146 | 161504 | 38.44 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 6.39 | 146 | 167752 | 39.22 | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 6.54 | 146 | 142971 | 37.12 | ng | # 87   |
| 15) Benzyl Alcohol             | 6.54 | 79  | 142288 | 36.72 | ng | # 72   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.67 | 45  | 304477 | 40.19 | ng | # 1    |
| 17) 2-Methylphenol             | 6.67 | 107 | 132276 | 42.16 | ng | # 76   |
| 18) Hexachloroethane           | 6.88 | 117 | 60955  | 36.63 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 6.81 | 70  | 118778 | 36.95 | ng | # 90   |
| 20) 3+4-Methylphenols          | 6.83 | 107 | 172803 | 40.85 | ng | # 88   |
| 22) Acetophenone               | 6.80 | 105 | 234373 | 40.79 | ng | # 77   |
| 24) Nitrobenzene               | 6.97 | 77  | 200522 | 44.29 | ng | # 68   |
| 25) Isophorone                 | 7.21 | 82  | 314842 | 38.82 | ng | # 83   |
| 26) 2-Nitrophenol              | 7.29 | 139 | 82934  | 42.03 | ng | # 64   |
| 27) 2,4-Dimethylphenol         | 7.36 | 122 | 141645 | 41.56 | ng | # 84   |
| 28) bis(2-Chloroethoxy)methane | 7.44 | 93  | 183613 | 39.20 | ng | # 92   |
| 29) 2,4-Dichlorophenol         | 7.54 | 162 | 127431 | 43.11 | ng | # 95   |
| 30) 1,2,4-Trichlorobenzene     | 7.61 | 180 | 134242 | 41.81 | ng | # 98   |
| 31) Naphthalene                | 7.68 | 128 | 425112 | 37.89 | ng | # 98   |
| 32) Benzoic acid               | 7.51 | 122 | 78045  | 32.92 | ng | # 55   |
| 33) 4-Chloroaniline            | 7.75 | 127 | 93245  | 20.38 | ng | # 85   |
| 34) Hexachlorobutadiene        | 7.80 | 225 | 77501  | 39.66 | ng | # 97   |
| 35) Caprolactam                | 8.14 | 113 | 26354  | 29.07 | ng | # 41   |
| 36) 4-Chloro-3-methylphenol    | 8.26 | 107 | 159325 | 48.16 | ng | # 73   |
| 37) 2-Methylnaphthalene        | 8.38 | 142 | 315030 | 43.15 | ng | # 89   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.55 | 216 | 119964 | 35.51 | ng | # 99   |
| 40) Hexachlorocyclopentadiene  | 8.52 | 237 | 128536 | 77.54 | ng | # 95   |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

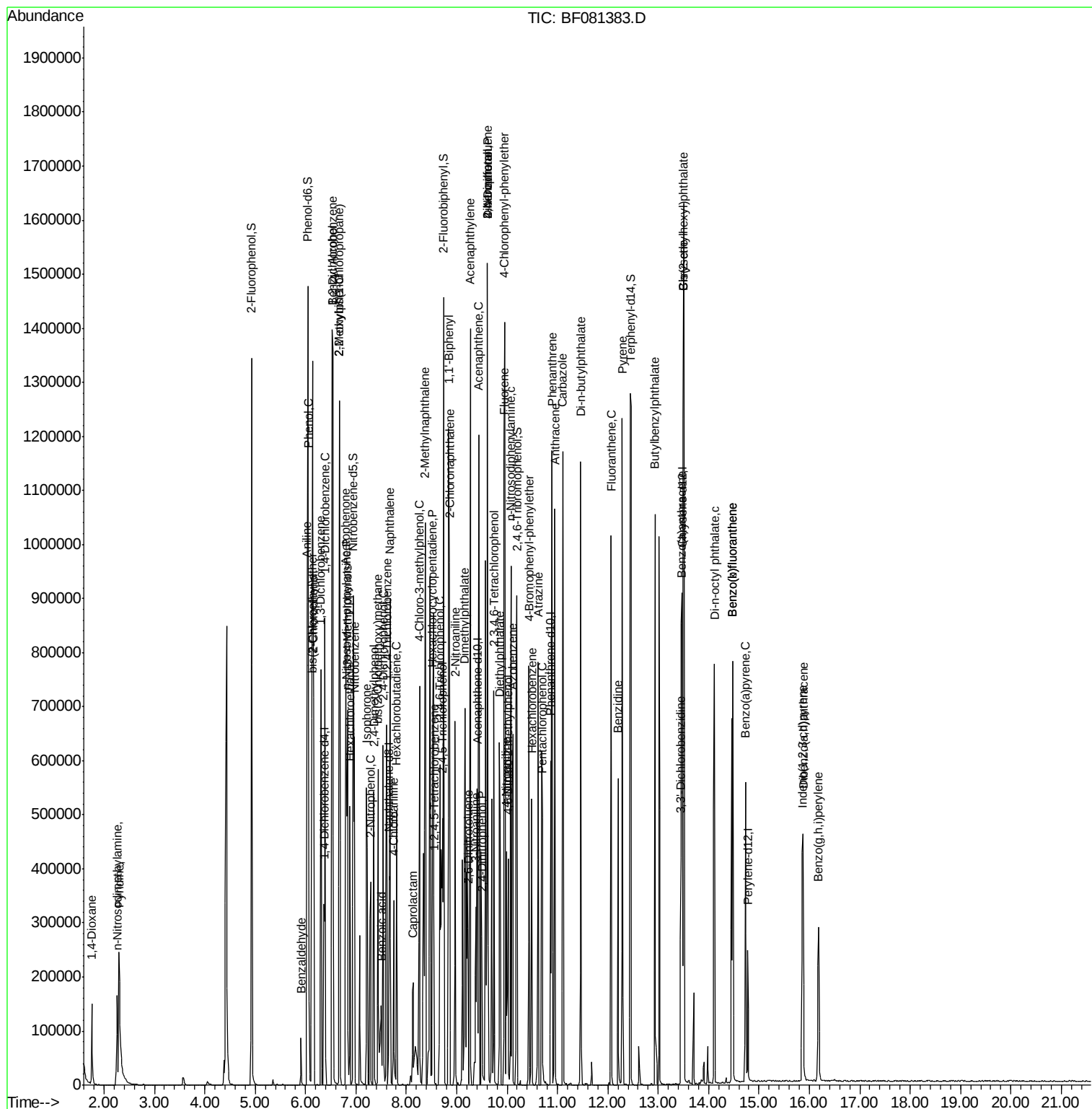
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.66  | 196  | 84224    | 36.13  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.72  | 196  | 92257    | 38.79  | nq    | # 97     |
| 45) 1,1'-Biphenyl              | 8.84  | 154  | 375856   | 38.25  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 8.86  | 162  | 256774   | 36.18  | nq    | # 88     |
| 47) 2-Nitroaniline             | 8.97  | 65   | 127647   | 44.13  | nq    | # 67     |
| 48) Acenaphthylene             | 9.27  | 152  | 478139   | 37.98  | nq    | 98       |
| 49) Dimethylphthalate          | 9.16  | 163  | 341634   | 41.17  | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.22  | 165  | 69925    | 37.13  | nq    | 94       |
| 51) Acenaphthene               | 9.44  | 154  | 282959   | 39.51  | nq    | 91       |
| 52) 3-Nitroaniline             | 9.38  | 138  | 57287    | 26.72  | nq    | # 72     |
| 53) 2,4-Dinitrophenol          | 9.50  | 184  | 65374    | 82.41  | nq    | # 79     |
| 54) Dibenzofuran               | 9.61  | 168  | 424010   | 40.55  | nq    | # 88     |
| 55) 4-Nitrophenol              | 9.61  | 139  | 272032   | 201.94 | nq    | # 31     |
| 56) 2,4-Dinitrotoluene         | 9.61  | 165  | 93157    | 38.84  | nq    | # 1      |
| 57) Fluorene                   | 9.94  | 166  | 311516   | 39.25  | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.74  | 232  | 75850    | 41.77  | nq    | 91       |
| 59) Diethylphthalate           | 9.85  | 149  | 329069   | 37.70  | nq    | 93       |
| 60) 4-Chlorophenyl-phenylether | 9.95  | 204  | 159904   | 43.23  | nq    | 93       |
| 61) 4-Nitroaniline             | 9.99  | 138  | 74167    | 34.24  | nq    | # 22     |
| 62) Azobenzene                 | 10.11 | 77   | 385346   | 39.71  | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.02 | 198  | 52738    | 43.86  | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.08 | 169  | 305652   | 39.07  | nq    | 92       |
| 66) 4-Bromophenyl-phenylether  | 10.43 | 248  | 87987    | 40.48  | nq    | 94       |
| 67) Hexachlorobenzene          | 10.49 | 284  | 90259    | 39.72  | nq    | # 81     |
| 68) Atrazine                   | 10.62 | 200  | 98130    | 43.35  | nq    | 82       |
| 69) Pentachlorophenol          | 10.70 | 266  | 93826    | 84.28  | nq    | 97       |
| 70) Phenanthrene               | 10.89 | 178  | 431561   | 36.11  | nq    | 96       |
| 71) Anthracene                 | 10.95 | 178  | 502441   | 40.92  | nq    | 98       |
| 72) Carbazole                  | 11.11 | 167  | 431939   | 37.49  | nq    | 96       |
| 73) Di-n-butylphthalate        | 11.46 | 149  | 534680   | 39.30  | nq    | # 98     |
| 74) Fluoranthene               | 12.07 | 202  | 531501   | 41.08  | nq    | 86       |
| 76) Benzidine                  | 12.20 | 184  | 210990   | 29.57  | nq    | 97       |
| 77) Pyrene                     | 12.28 | 202  | 505411   | 41.05  | nq    | 98       |
| 79) Butylbenzylphthalate       | 12.94 | 149  | 228578   | 42.69  | nq    | # 78     |
| 80) Benzo(a)anthracene         | 13.46 | 228  | 414607   | 39.17  | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.45 | 252  | 84137    | 23.56  | nq    | # 93     |
| 82) Chrysene                   | 13.51 | 228  | 406722   | 42.86  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.51 | 149  | 292926   | 41.45  | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 14.11 | 149  | 446452   | 38.37  | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 15.86 | 276  | 237255   | 34.08  | nq    | # 88     |
| 87) Benzo(b)fluoranthene       | 14.48 | 252  | 586786   | 78.24  | nq    | # 88     |
| 88) Benzo(k)fluoranthene       | 14.48 | 252  | 586786   | 94.30  | nq    | # 88     |
| 89) Benzo(a)pyrene             | 14.73 | 252  | 260745   | 41.03  | nq    | # 89     |
| 90) Dibenzo(a,h)anthracene     | 15.87 | 278  | 196590   | 40.03  | nq    | # 81     |
| 91) Benzo(g,h,i)perylene       | 16.18 | 276  | 199395   | 42.54  | nq    | # 74     |

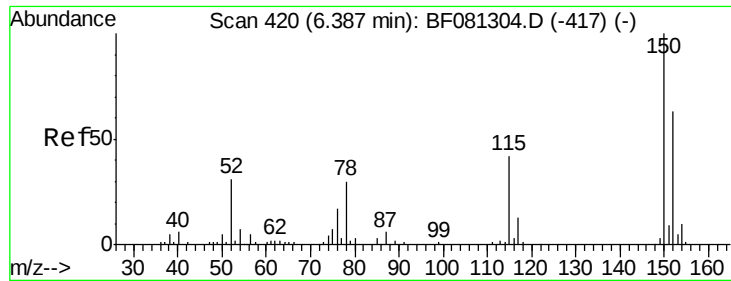
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/IZ  
Sample    : PB85348BS  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
```

**Instrument :**  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

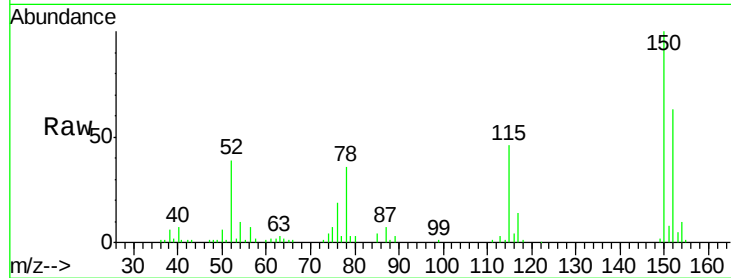
Tot Ion:152 Resp: 55363

Ion Ratio Lower Upper

152 100

150 159.4 124.7 187.1

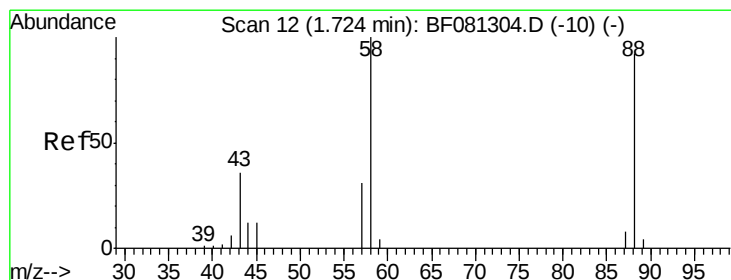
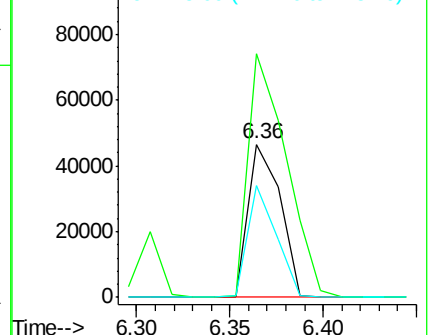
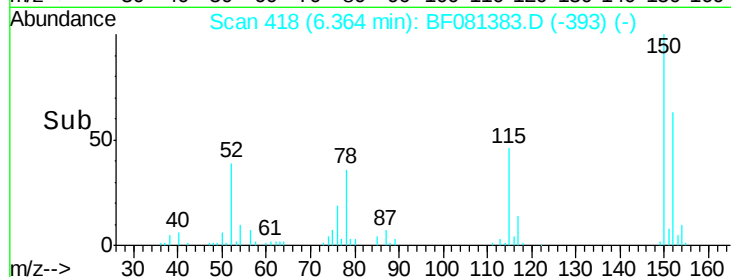
115 73.3 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 29.35 ng

RT: 1.76 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

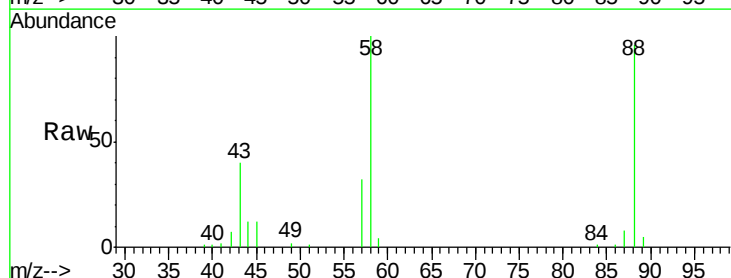
Tgt Ion: 88 Resp: 47035

Ion Ratio Lower Upper

88 100

58 105.9 77.7 116.5

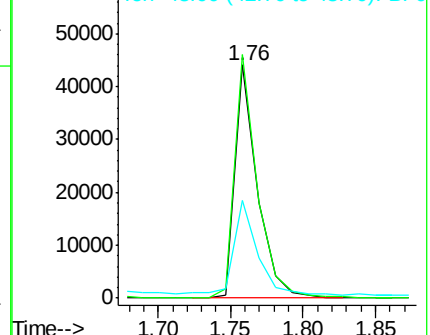
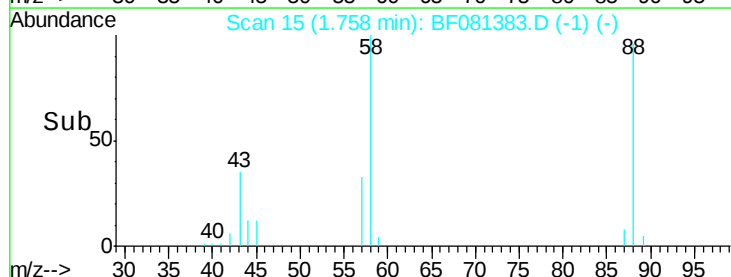
43 45.6 26.6 40.0#

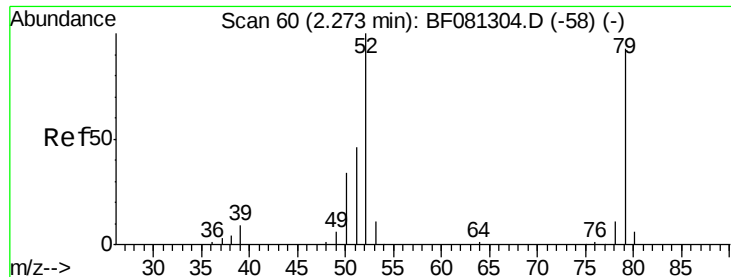


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

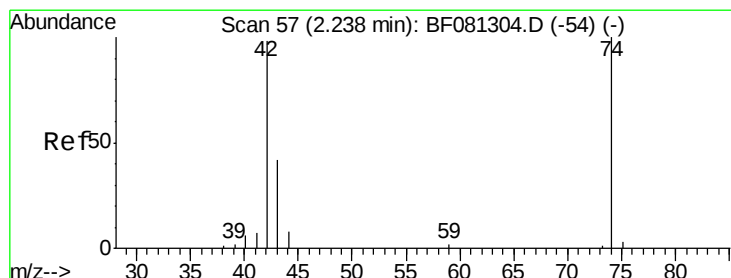
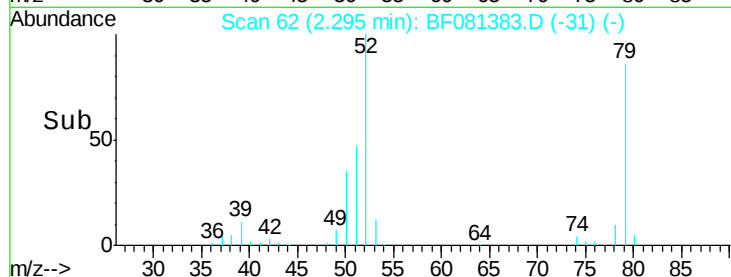
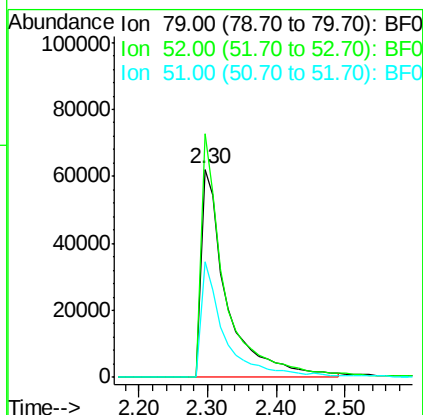
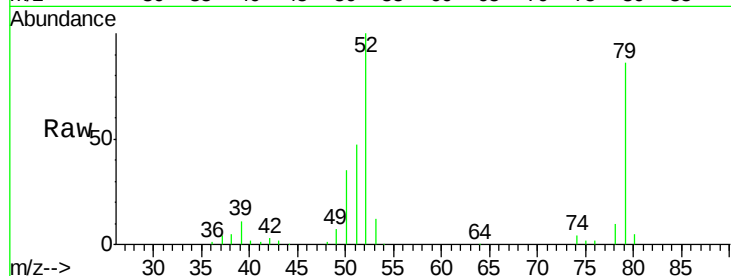




#3  
 Pvridine  
 Concen: 36.25 ng  
 RT: 2.30 min Scan# 62  
 Delta R.T. 0.06 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

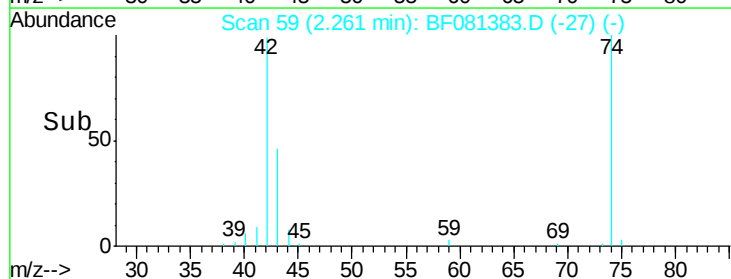
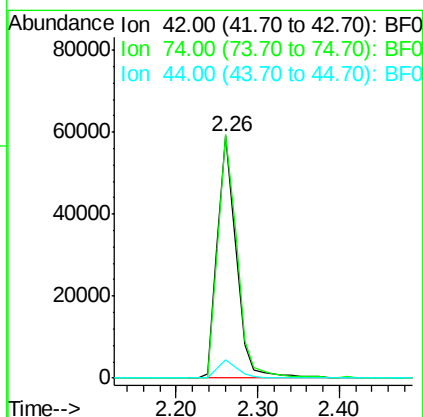
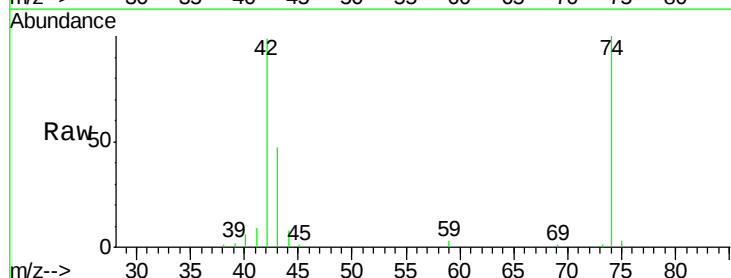
Instrument :  
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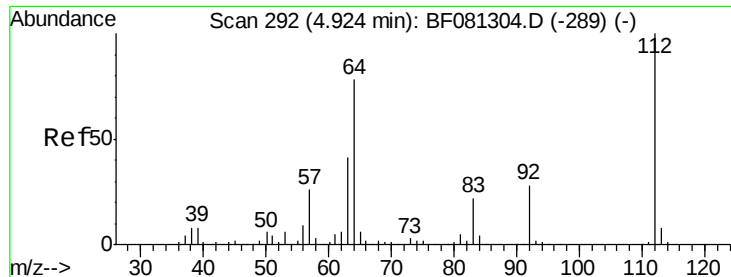
Tot Ion: 79 Resp: 160185  
 Ion Ratio Lower Upper  
 79 100  
 52 116.9 76.8 115.2#  
 51 55.2 32.2 48.4#



#4  
 n-Nitrosodimethylamine  
 Concen: 38.80 ng  
 RT: 2.26 min Scan# 59  
 Delta R.T. 0.07 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion: 42 Resp: 95250  
 Ion Ratio Lower Upper  
 42 100  
 74 100.7 105.0 157.6#  
 44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 113.39 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

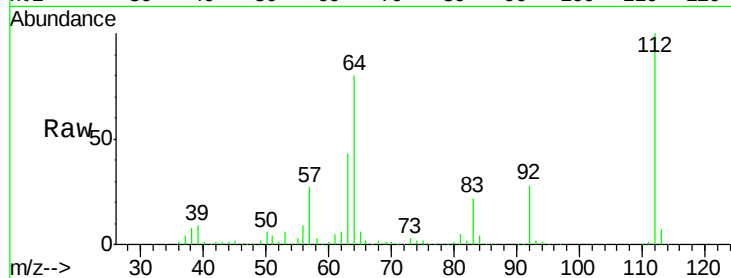
Tot Ion:112 Resp: 404612

Ion Ratio Lower Upper

112 100

64 80.4 39.7 59.5#

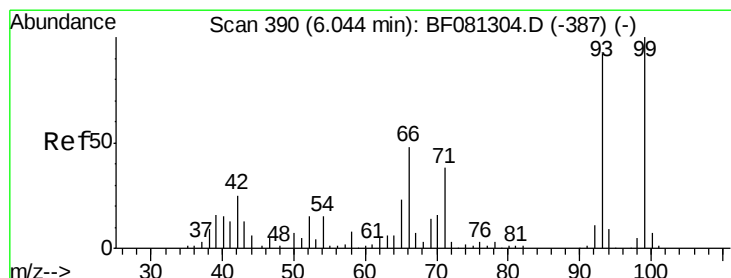
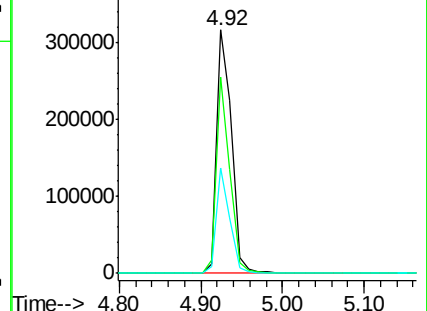
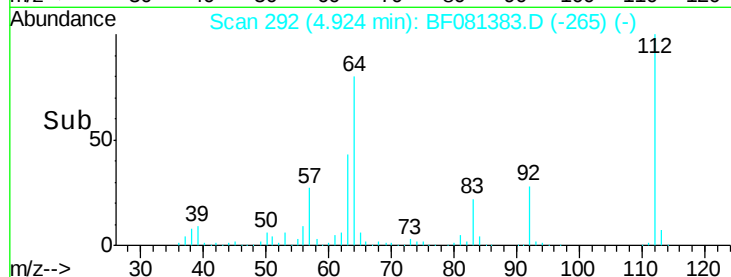
63 43.3 17.4 26.0#



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: 25.24 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

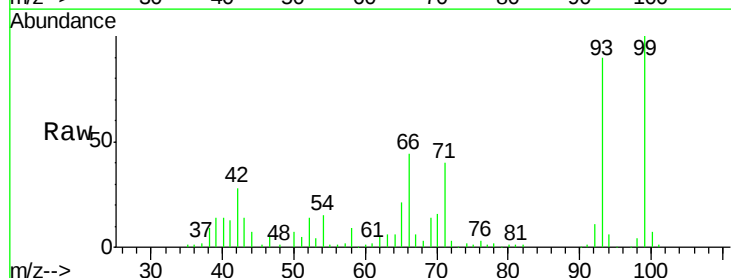
Tgt Ion: 93 Resp: 168355

Ion Ratio Lower Upper

93 100

66 48.6 27.2 40.8#

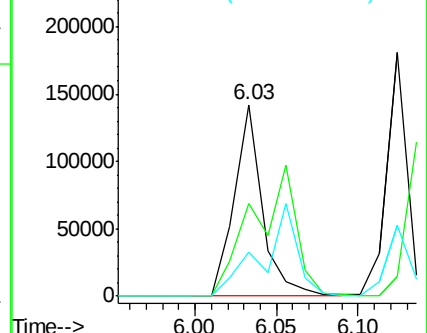
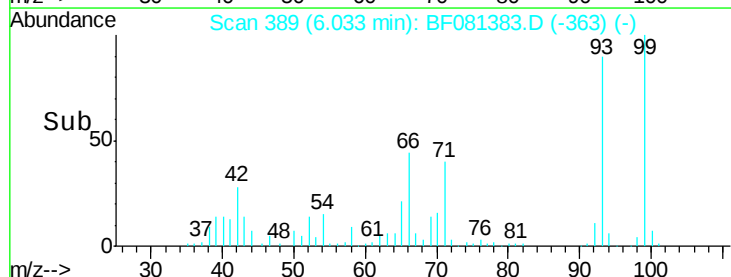
65 23.3 14.7 22.1#

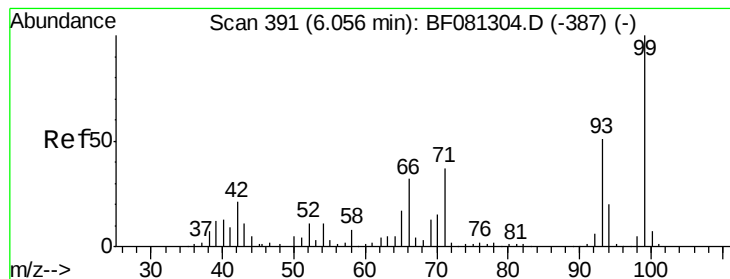


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.33 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

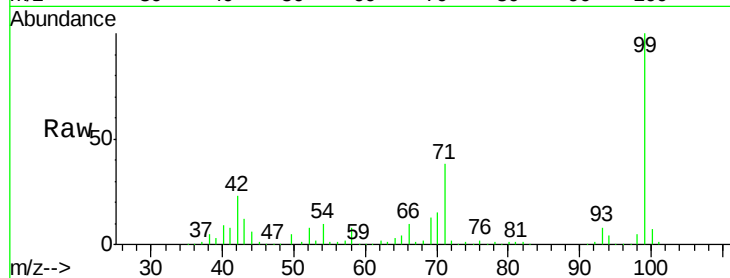
Tot Ion: 99 Resp: 544732

Ion Ratio Lower Upper

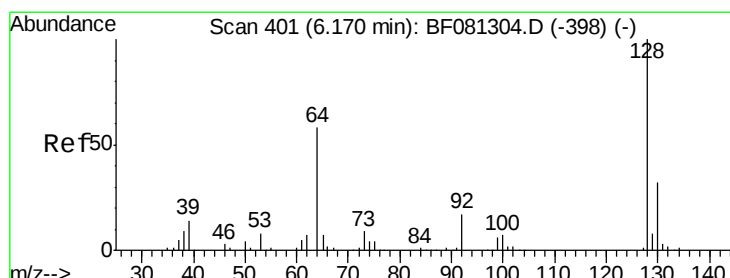
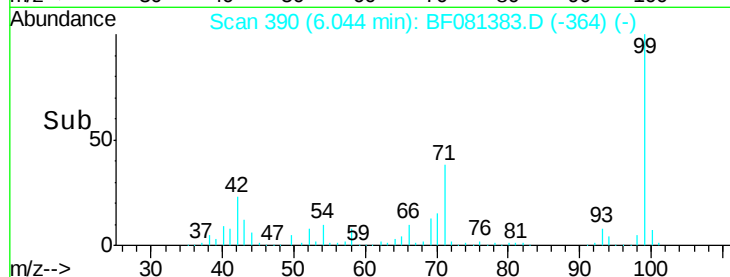
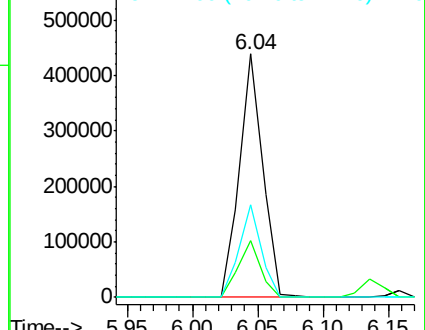
99 100

42 23.4 13.7 20.5#

71 38.0 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: 41.17 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

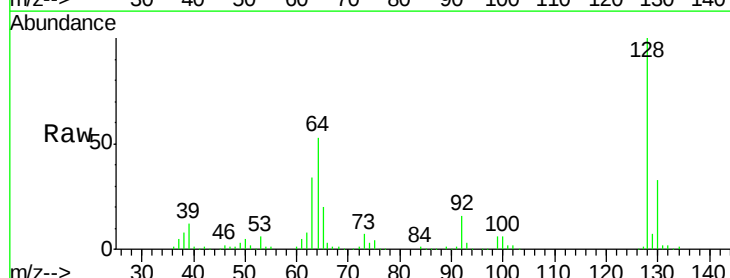
Tgt Ion: 128 Resp: 161880

Ion Ratio Lower Upper

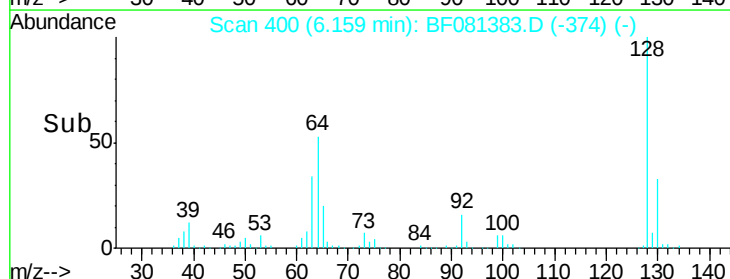
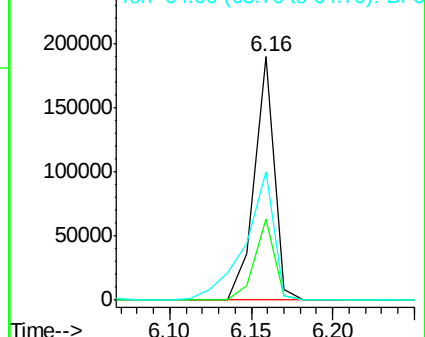
128 100

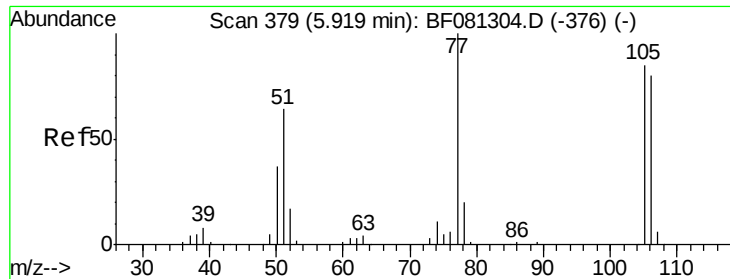
130 33.2 12.2 52.2

64 52.6 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

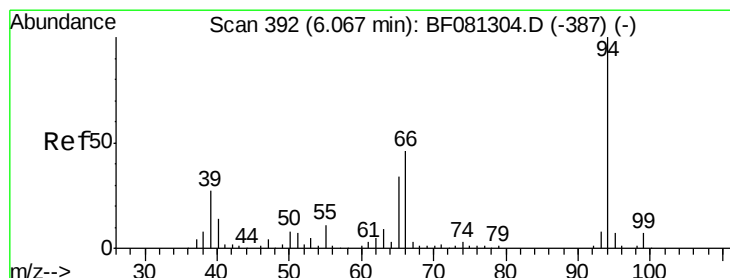
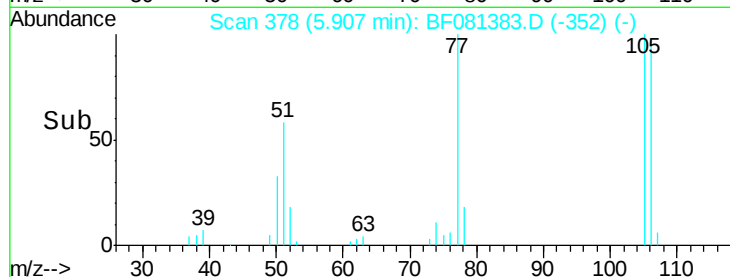
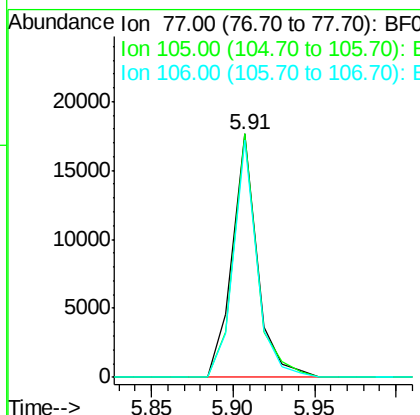
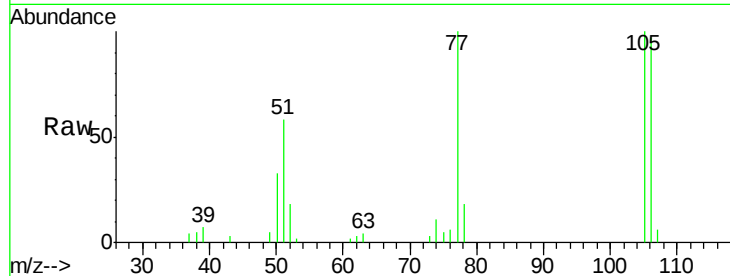




#9  
Benzaldehyde  
Concen: 6.31 ng  
RT: 5.91 min Scan# 378  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

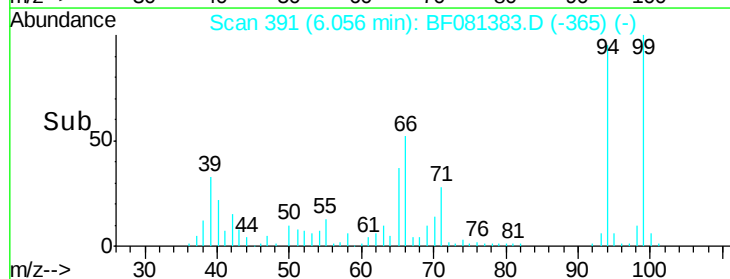
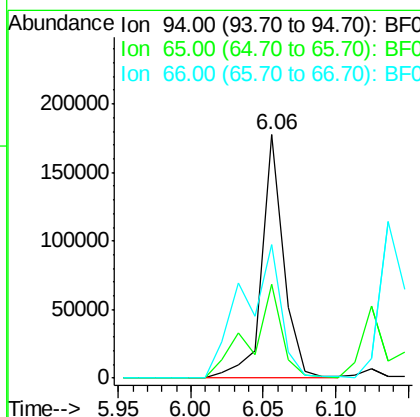
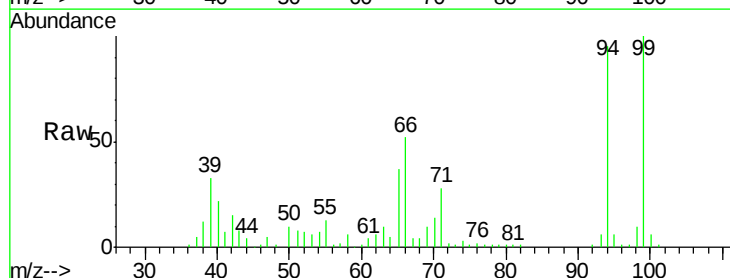
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

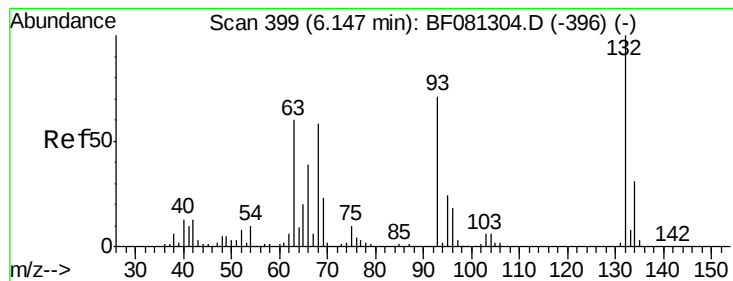
Tot Ion: 77 Resp: 18663  
Ion Ratio Lower Upper  
77 100  
105 100.0 91.6 131.6  
106 97.3 102.6 142.6#



#10  
Phenol  
Concen: 33.82 ng  
RT: 6.06 min Scan# 391  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion: 94 Resp: 185234  
Ion Ratio Lower Upper  
94 100  
65 38.5 0.7 40.7  
66 54.7 0.8 40.8#

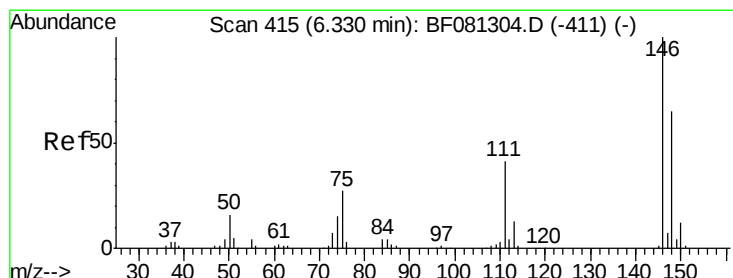
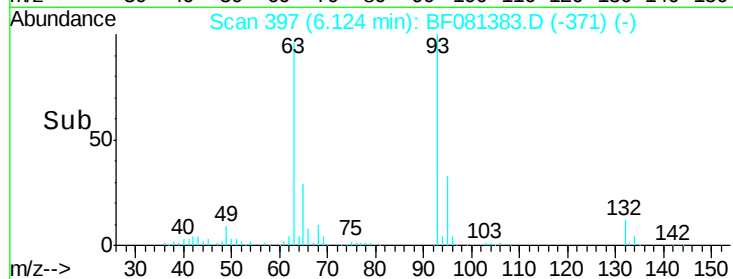
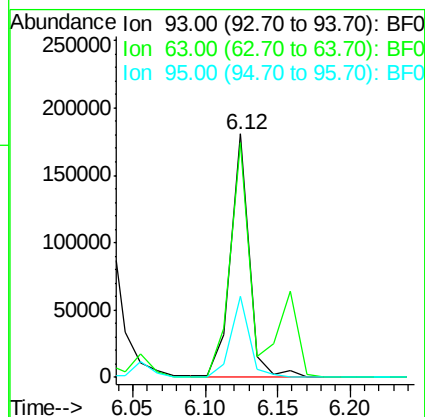
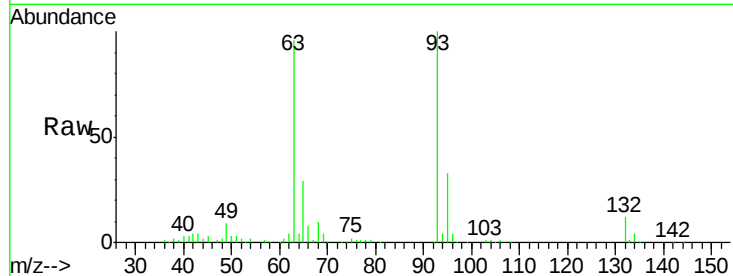




#11  
bis(2-Chloroethyl)ether  
Concen: 41.18 ng  
RT: 6.12 min Scan# 397  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

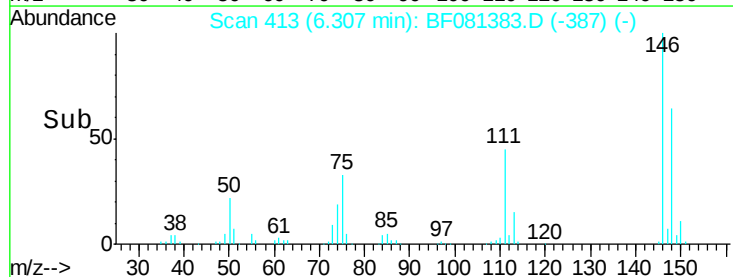
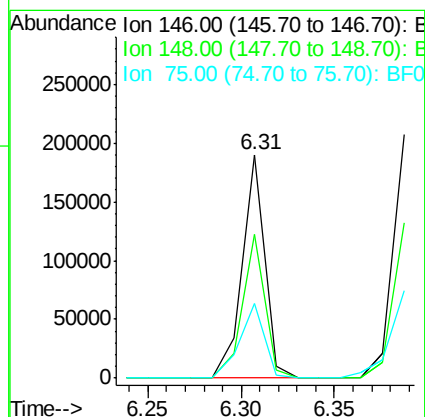
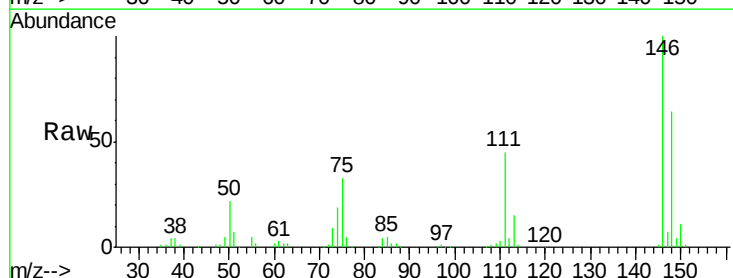
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

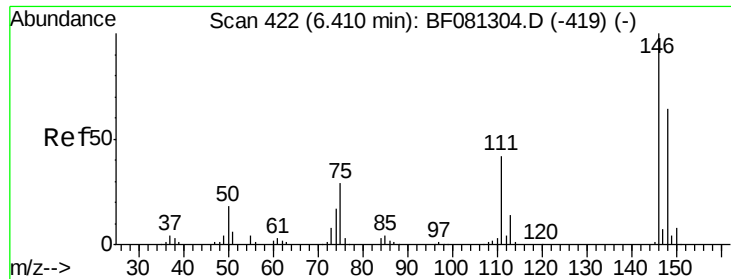
Tot Ion: 93 Resp: 162752  
Ion Ratio Lower Upper  
93 100  
63 96.4 65.6 105.6  
95 33.3 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 38.44 ng  
RT: 6.31 min Scan# 413  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion: 146 Resp: 161504  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.4  
75 33.3 15.0 22.6#

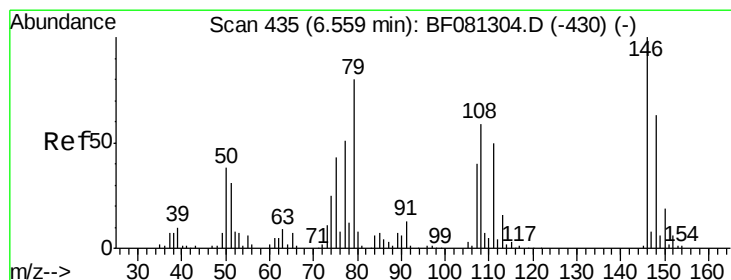
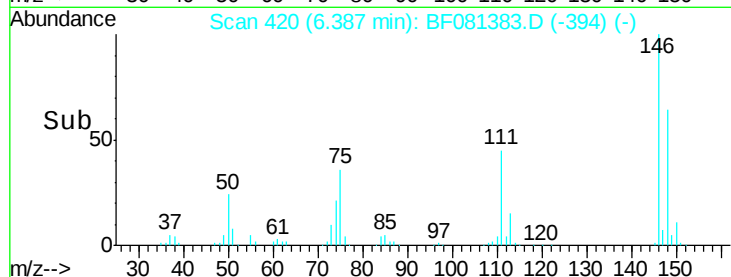
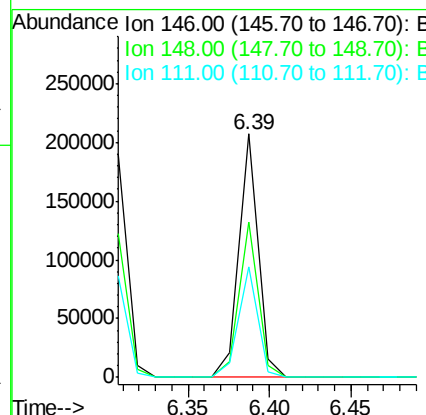
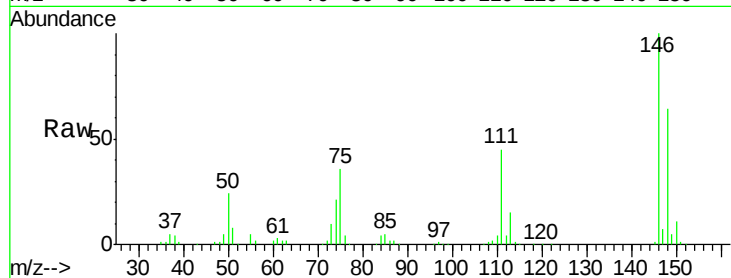




#13  
 1,4-Dichlorobenzene  
 Concen: 39.22 ng  
 RT: 6.39 min Scan# 420  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

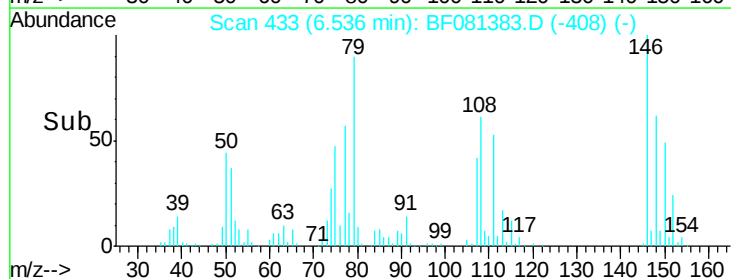
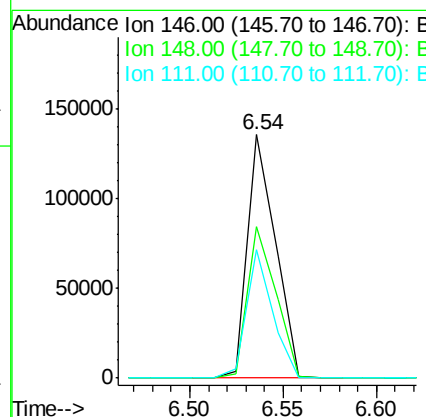
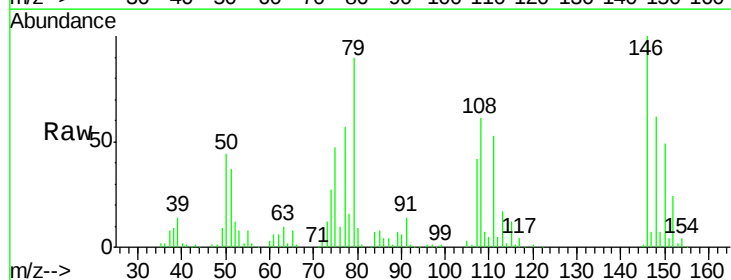
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

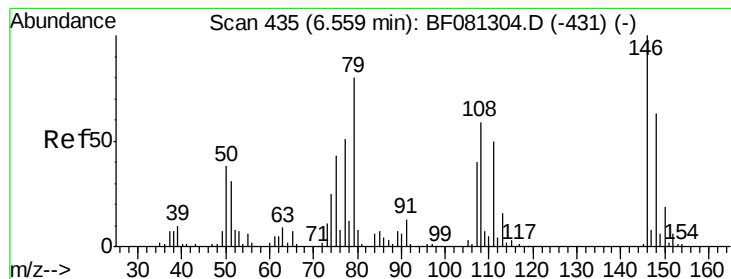
Tot Ion:146 Resp: 167752  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.8 77.6  
 111 45.4 24.9 37.3#



#14  
 1,2-Dichlorobenzene  
 Concen: 37.12 ng  
 RT: 6.54 min Scan# 433  
 Delta R.T. -0.01 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion:146 Resp: 142971  
 Ion Ratio Lower Upper  
 146 100  
 148 62.0 52.7 79.1  
 111 53.0 28.8 43.2#





#15

Benzyl Alcohol

Concen: 36.72 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

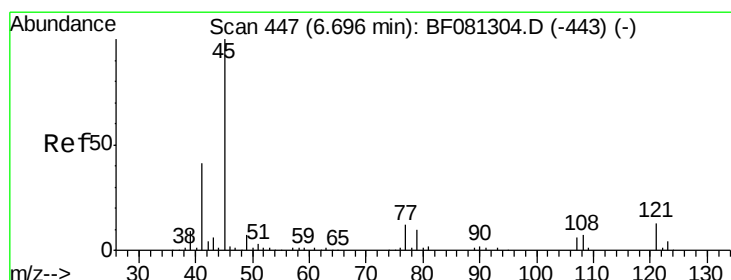
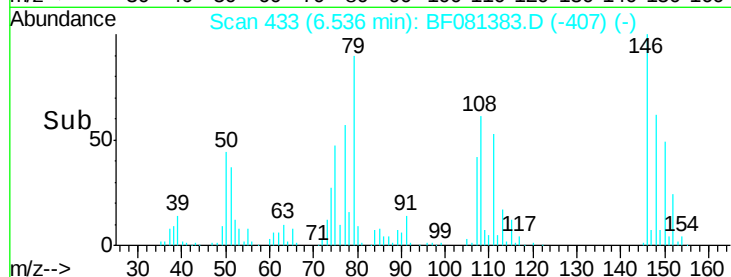
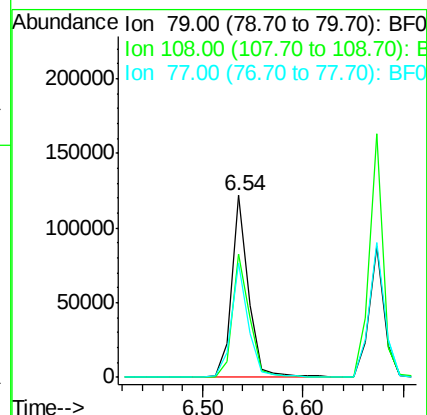
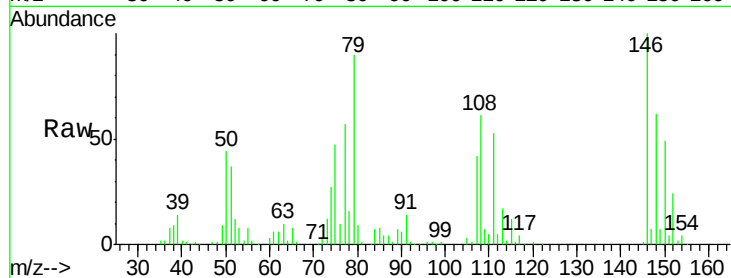
Tot Ion: 79 Resp: 142288

Ion Ratio Lower Upper

79 100

108 67.9 88.6 132.8#

77 62.9 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.19 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

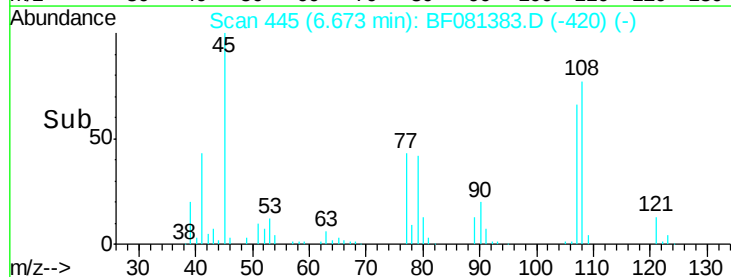
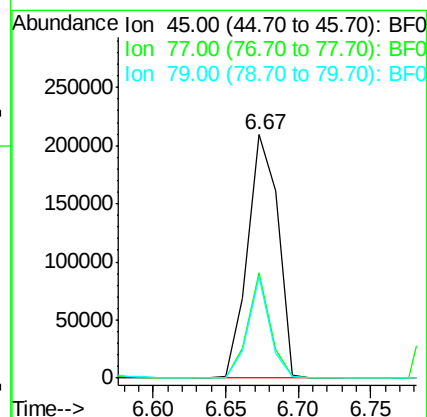
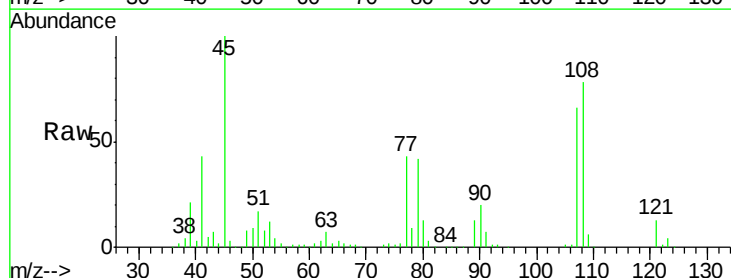
Tgt Ion: 45 Resp: 304477

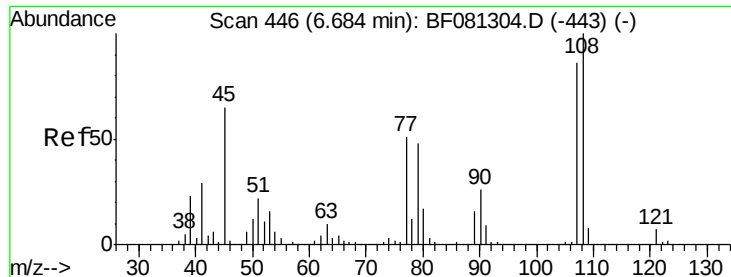
Ion Ratio Lower Upper

45 100

77 43.2 0.0 28.1#

79 41.8 0.0 26.0#

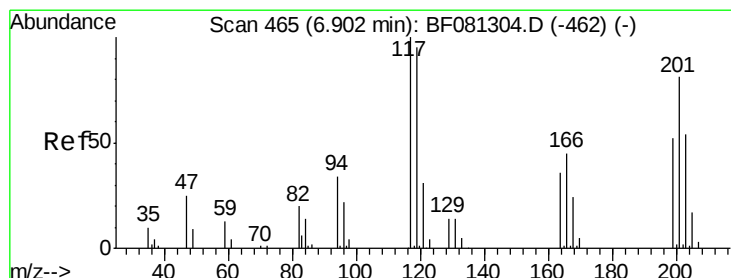
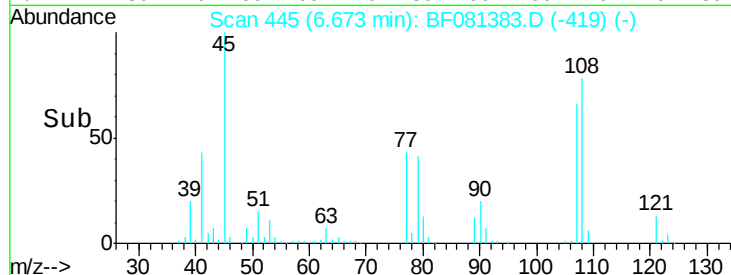
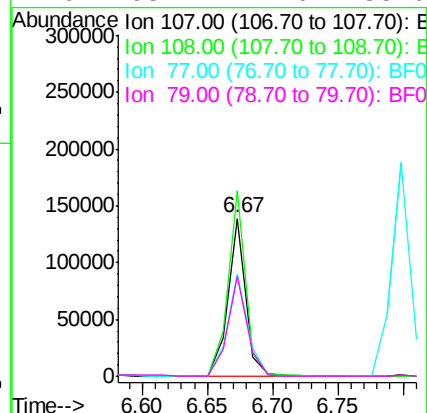
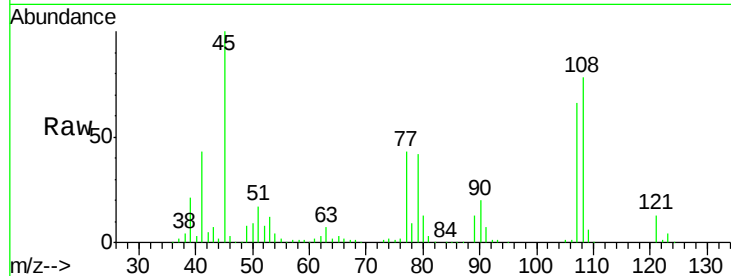




#17  
2-Methylphenol  
Concen: 42.16 ng  
RT: 6.67 min Scan# 445  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

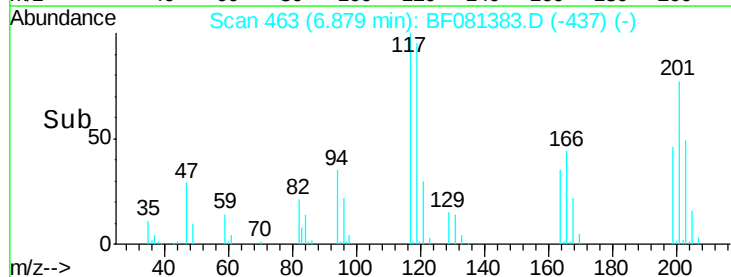
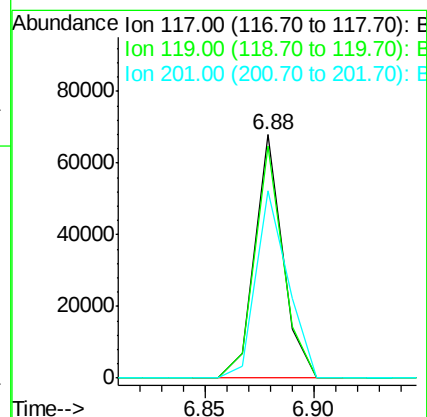
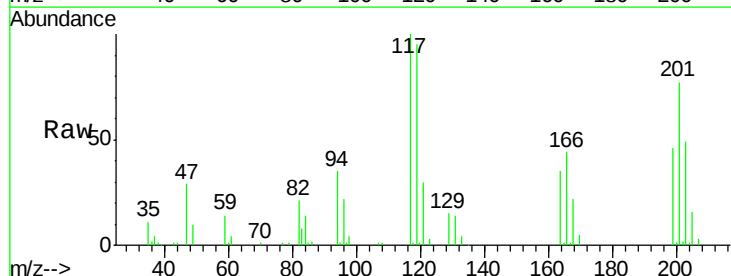
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

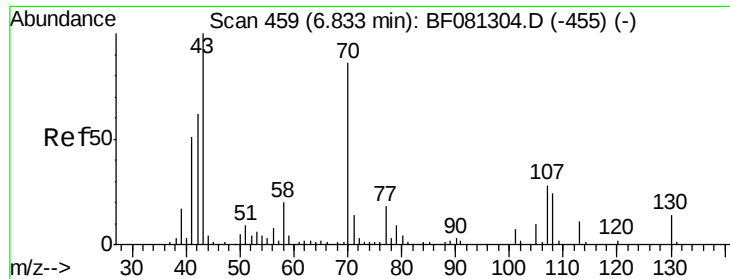
Tot Ion:107 Resp: 132276  
Ion Ratio Lower Upper  
107 100  
108 117.4 96.6 145.0  
77 65.2 23.3 34.9#  
79 63.1 22.0 33.0#



#18  
Hexachloroethane  
Concen: 36.63 ng  
RT: 6.88 min Scan# 463  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:117 Resp: 60955  
Ion Ratio Lower Upper  
117 100  
119 95.1 83.8 125.6  
201 77.0 55.1 82.7

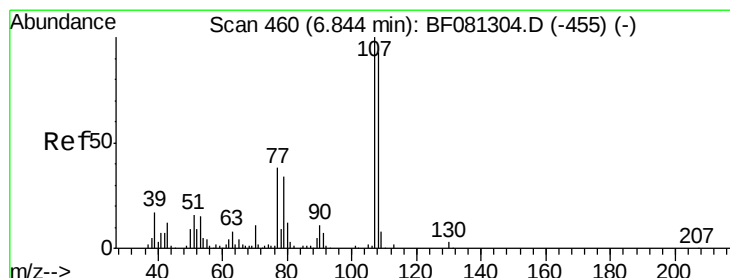
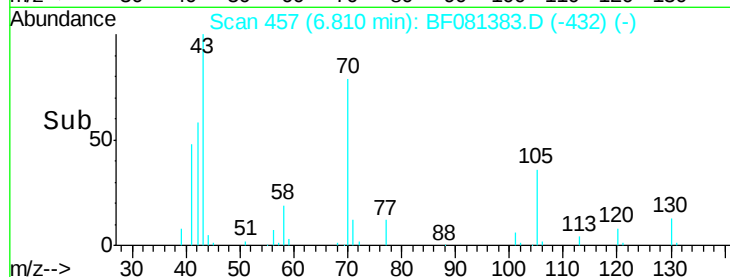
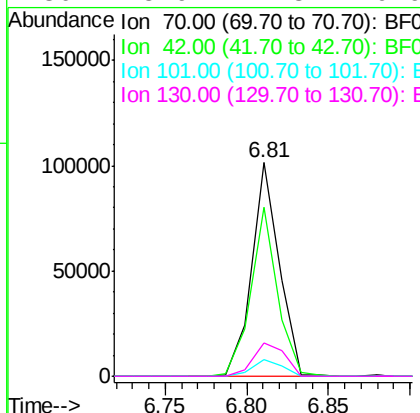
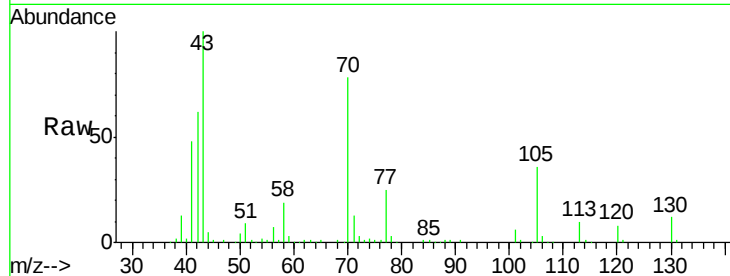




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.95 ng  
RT: 6.81 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

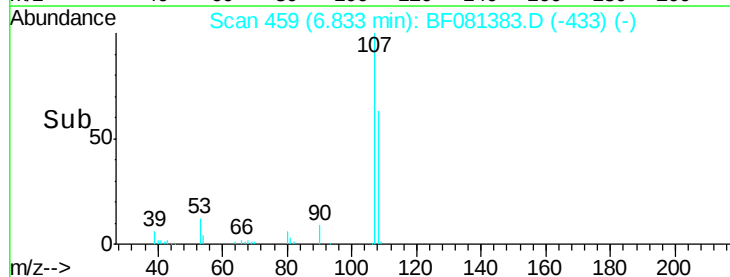
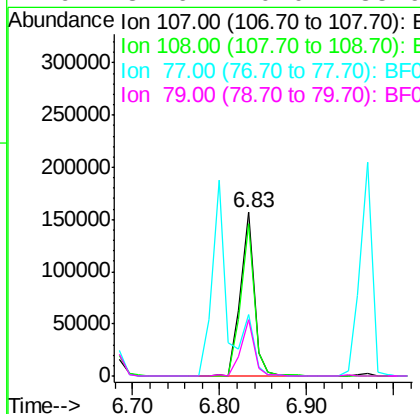
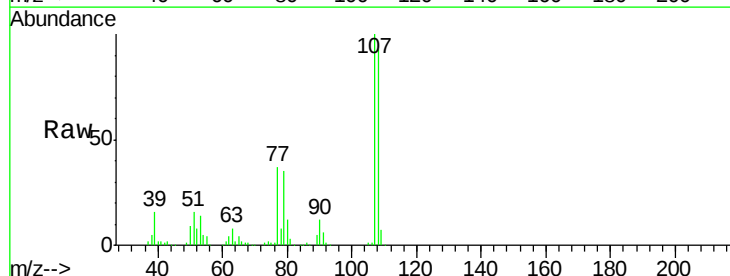
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

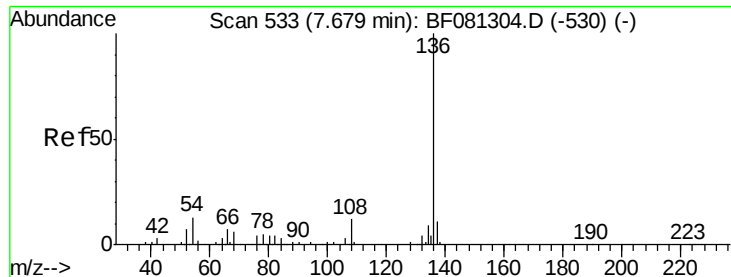
Tot Ion: 70 Resp: 118778  
Ion Ratio Lower Upper  
70 100  
42 78.9 63.8 95.6  
101 8.0 9.2 13.8#  
130 15.9 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 40.85 ng  
RT: 6.83 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:107 Resp: 172803  
Ion Ratio Lower Upper  
107 100  
108 93.1 74.6 114.6  
77 37.4 0.7 40.7  
79 34.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

Tot Ion:136 Resp: 210353

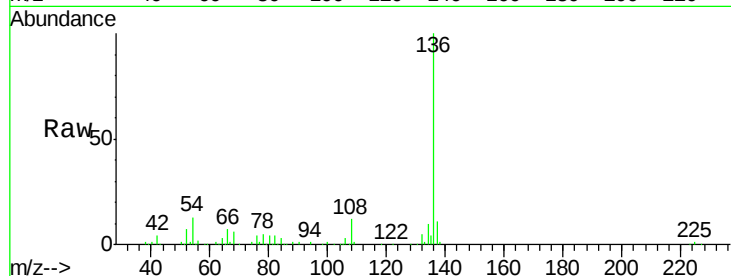
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 13.4 8.2 12.2#

68 6.3 5.8 8.6

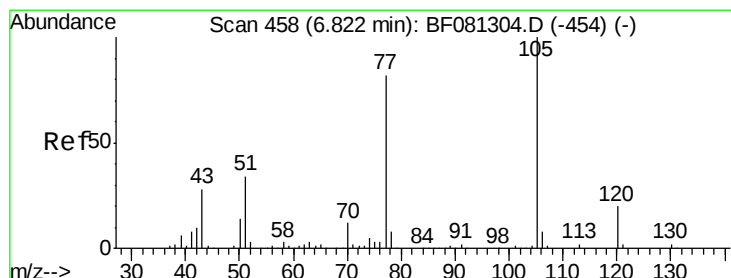
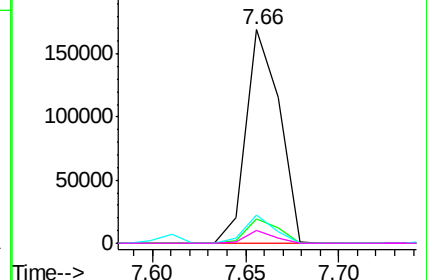
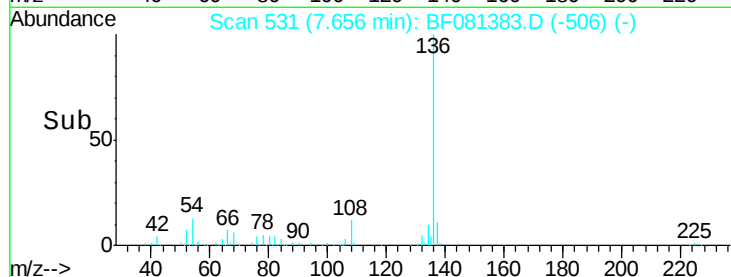


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.79 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Tgt Ion:105 Resp: 234373

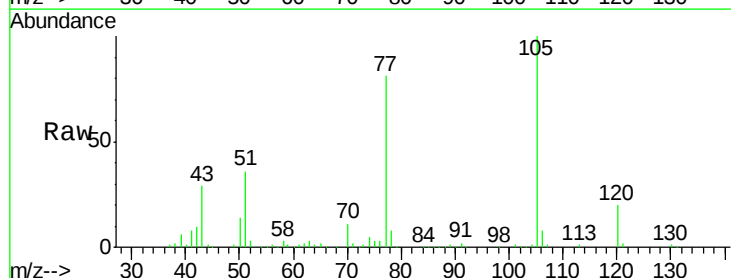
Ion Ratio Lower Upper

105 100

71 1.7 4.7 7.1#

51 35.9 22.0 33.0#

120 19.7 30.1 45.1#

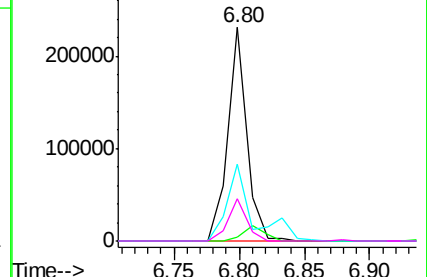
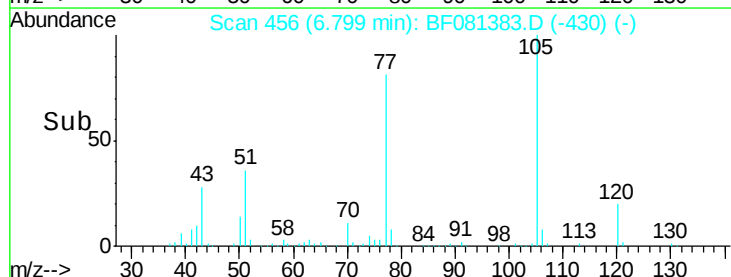


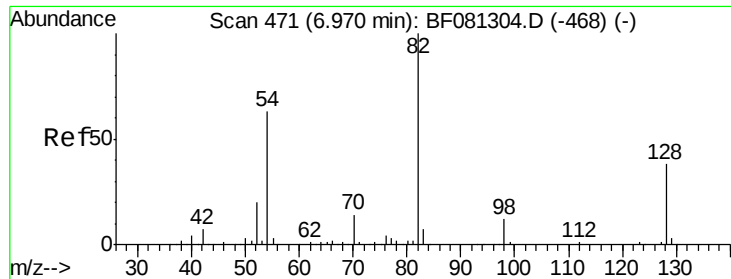
Abundance Ion 105.00 (104.70 to 105.70): E

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

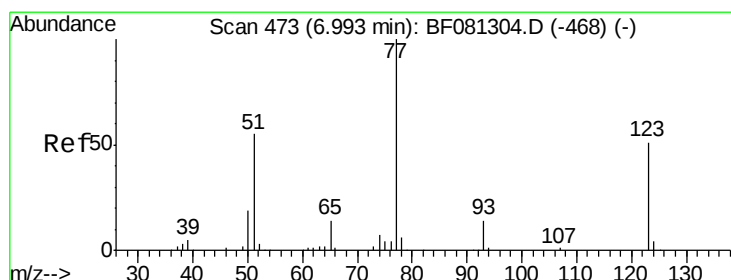
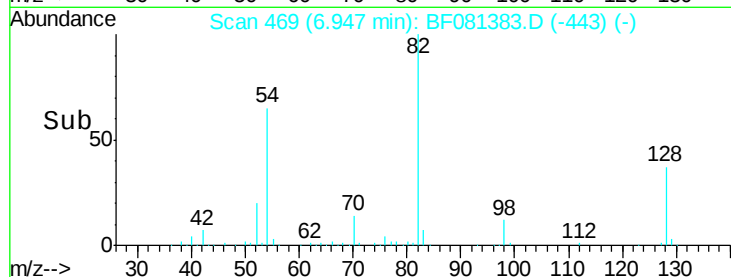
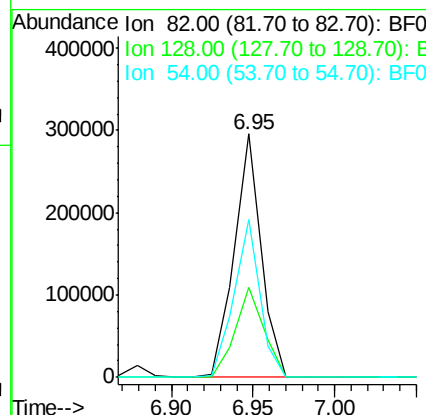
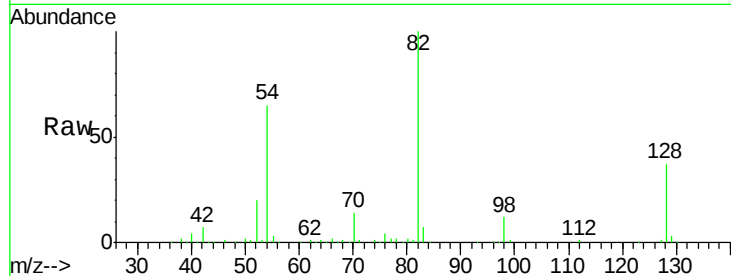




#23  
 Nitrobenzene-d5  
 Concen: 76.94 ng  
 RT: 6.95 min Scan# 469  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

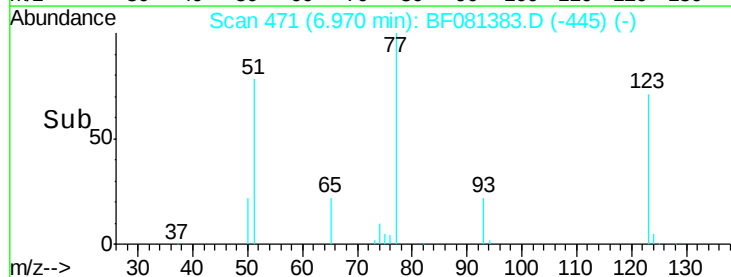
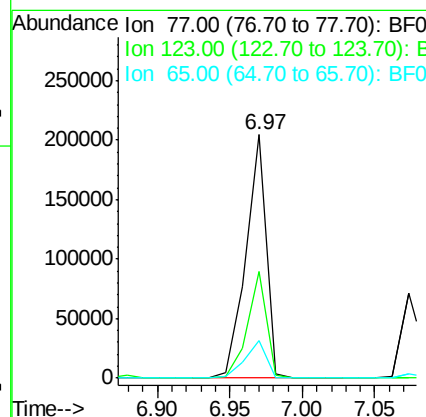
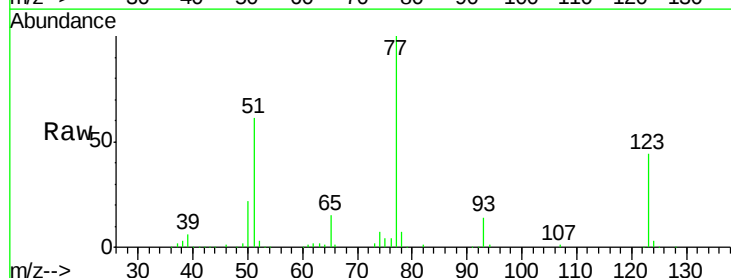
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

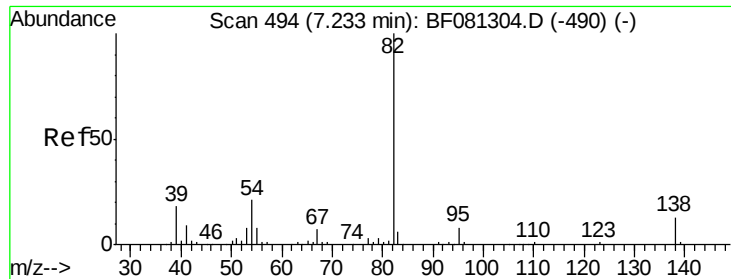
| Tot Ion   | 82    | Resp  | 335444 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.2  | 51.0  | 76.6#  |
| 54        | 64.9  | 47.5  | 71.3   |



#24  
 Nitrobenzene  
 Concen: 44.29 ng  
 RT: 6.97 min Scan# 471  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion   | 77    | Resp  | 200522 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.8  | 59.8  | 89.8#  |
| 65        | 15.5  | 10.2  | 15.4#  |

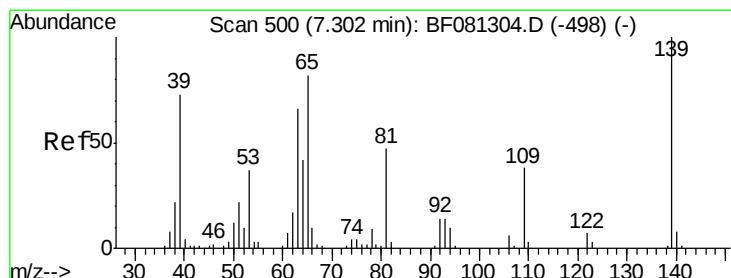
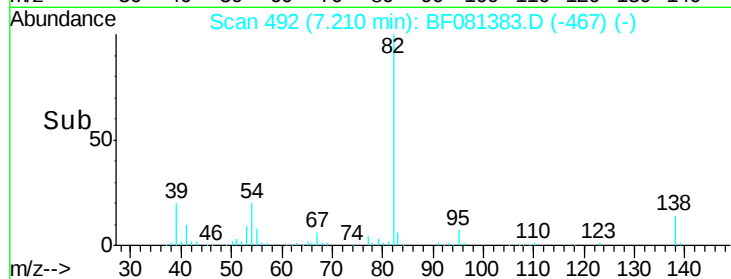
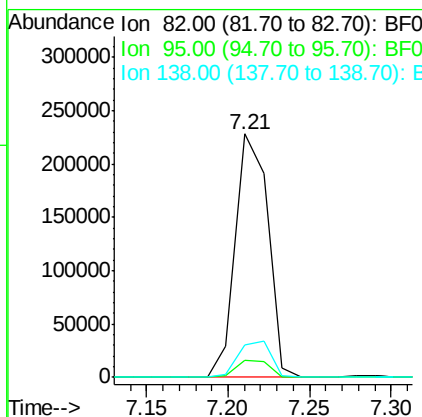
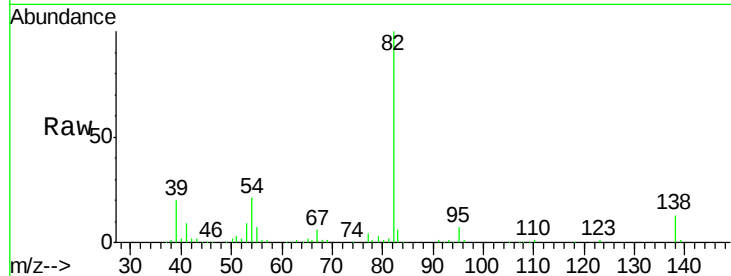




#25  
Isophorone  
Concen: 38.82 ng  
RT: 7.21 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

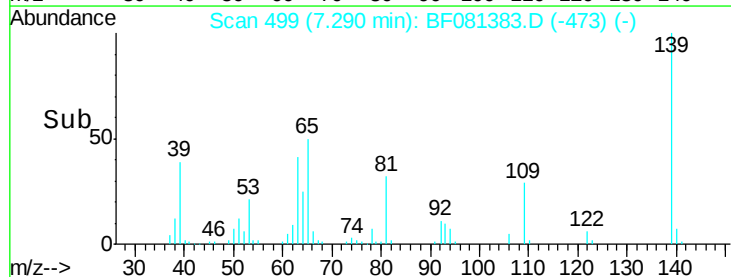
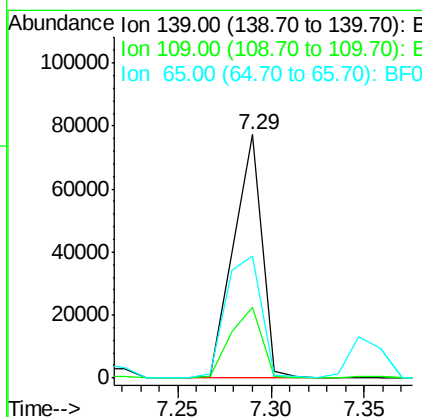
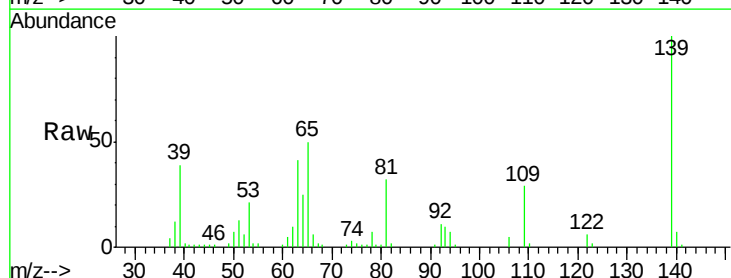
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

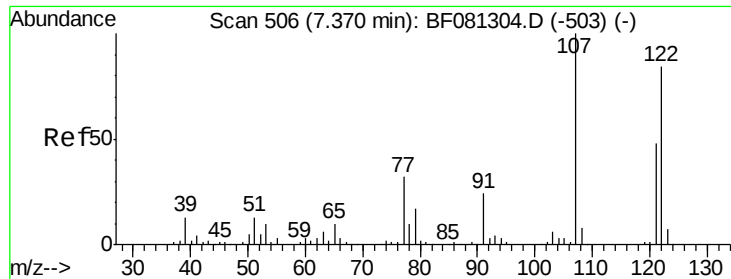
Tot Ion: 82 Resp: 314842  
Ion Ratio Lower Upper  
82 100  
95 7.1 4.0 6.0#  
138 13.4 18.3 27.5#



#26  
2-Nitrophenol  
Concen: 42.03 ng  
RT: 7.29 min Scan# 499  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion: 139 Resp: 82934  
Ion Ratio Lower Upper  
139 100  
109 29.3 11.0 16.4#  
65 50.2 24.7 37.1#

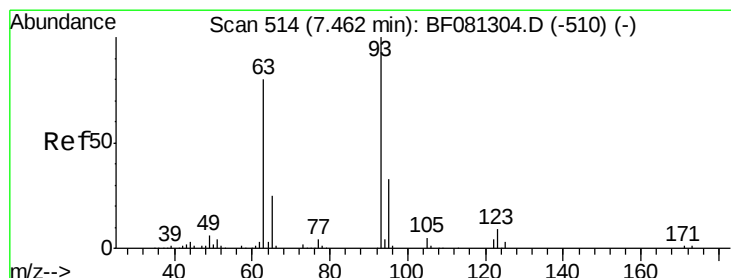
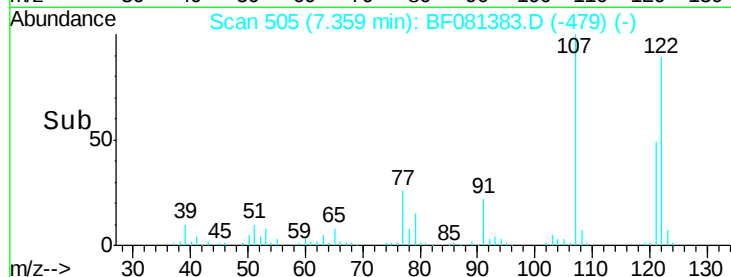
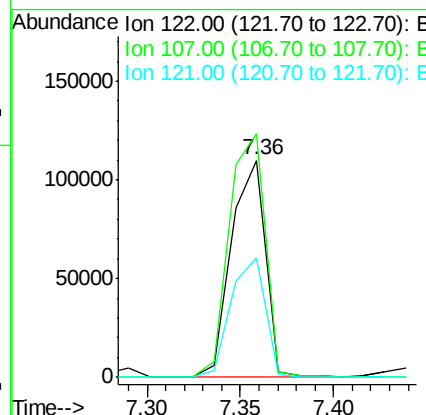
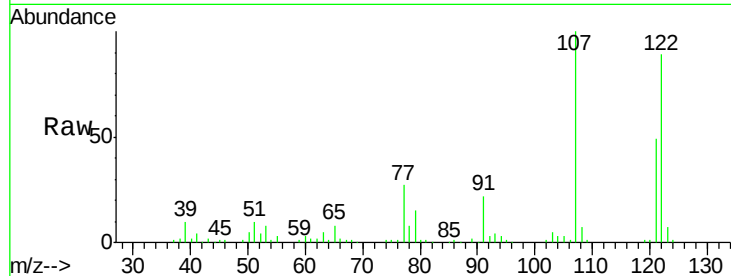




#27  
 2,4-Dimethylphenol  
 Concen: 41.56 ng  
 RT: 7.36 min Scan# 505  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

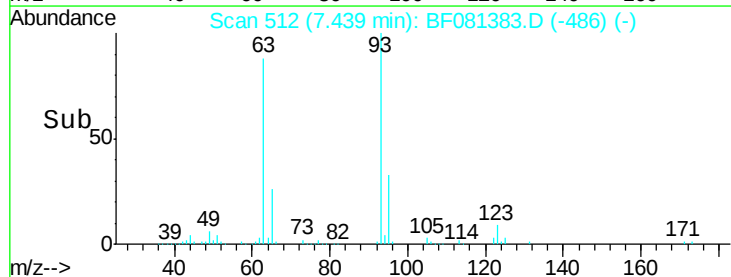
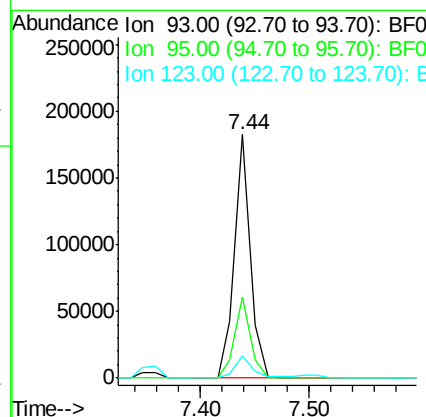
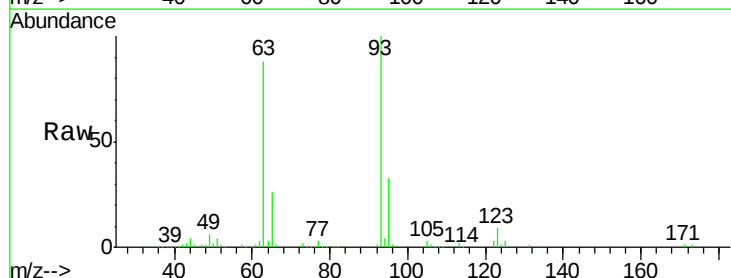
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

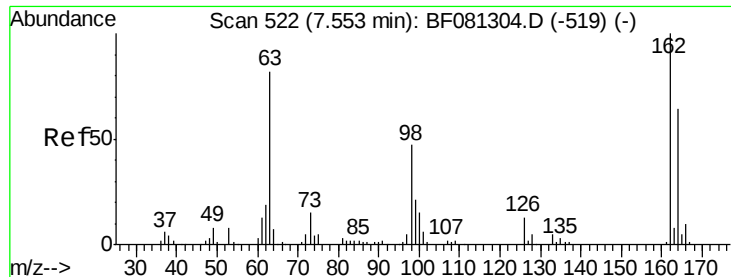
Tot Ion:122 Resp: 141645  
 Ion Ratio Lower Upper  
 122 100  
 107 112.3 71.8 107.6#  
 121 55.0 42.3 63.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.20 ng  
 RT: 7.44 min Scan# 512  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion: 93 Resp: 183613  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 27.5 41.3  
 123 9.0 13.7 20.5#

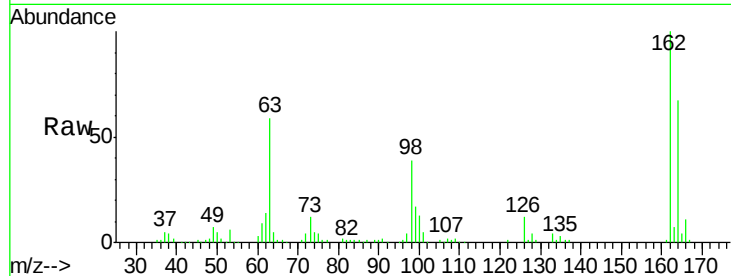




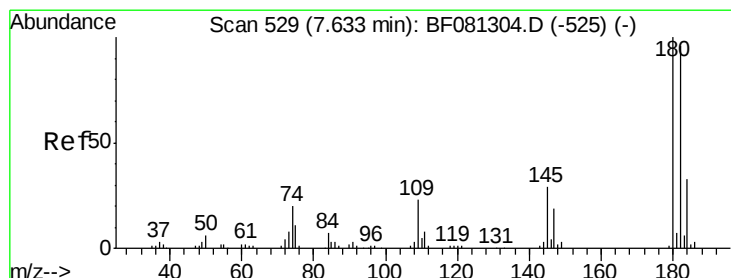
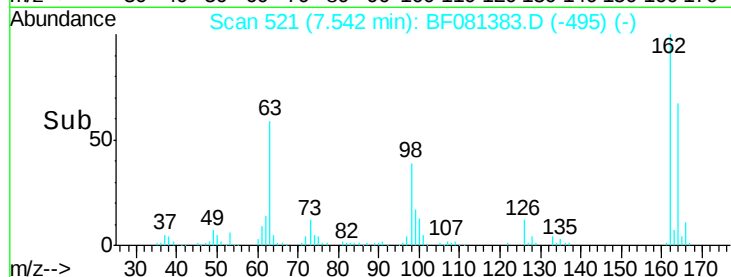
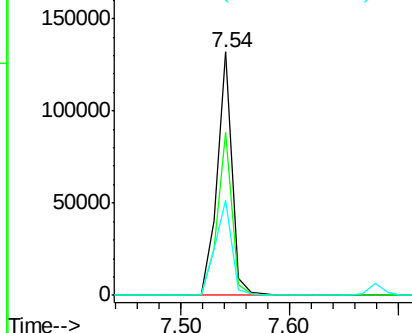
#29  
 2,4-Dichlorophenol  
 Concen: 43.11 ng  
 RT: 7.54 min Scan# 521  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.7  | 44.9  | 84.9  |
| 98      | 38.8  | 13.0  | 53.0  |

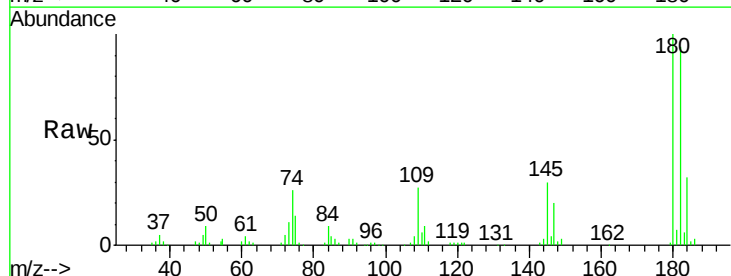


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

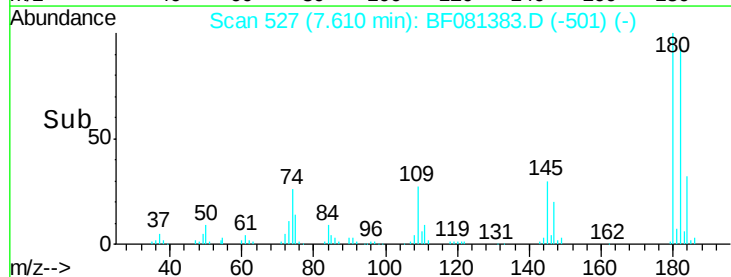
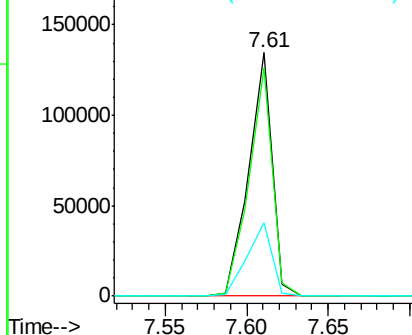


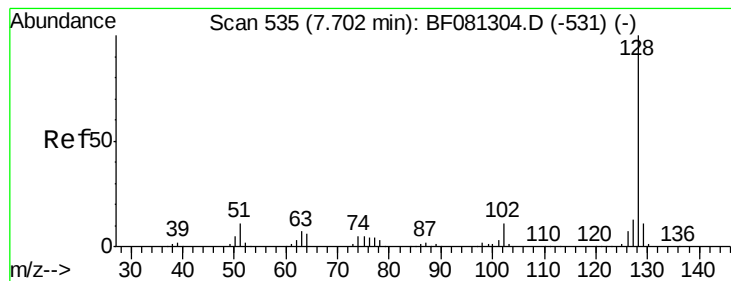
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.81 ng  
 RT: 7.61 min Scan# 527  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 77.1  | 115.7 |
| 145     | 30.2  | 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: 37.89 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

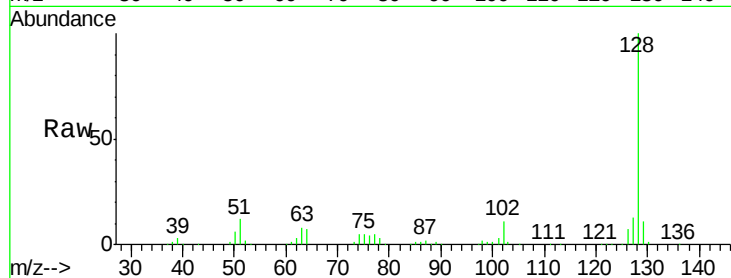
Tot Ion:128 Resp: 425112

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

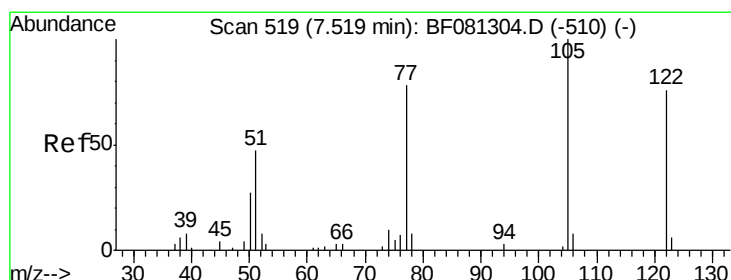
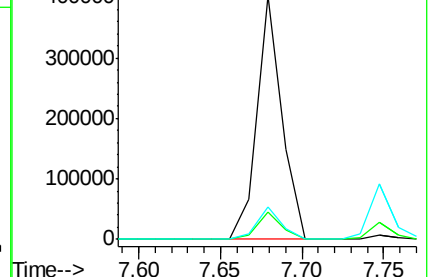
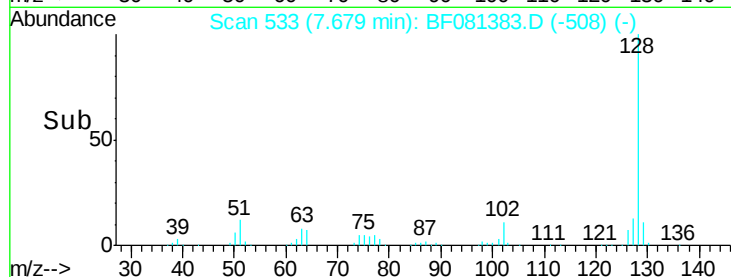
127 13.3 9.9 14.9



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: 32.92 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

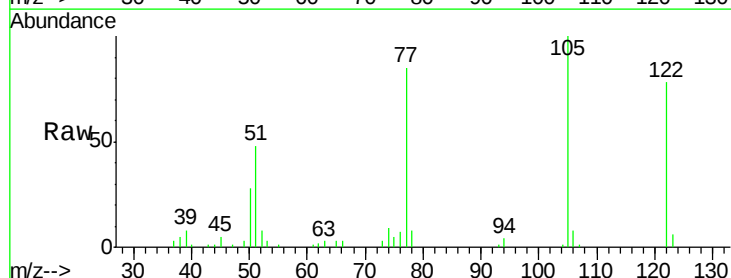
Tgt Ion:122 Resp: 78045

Ion Ratio Lower Upper

122 100

105 128.8 76.1 116.1#

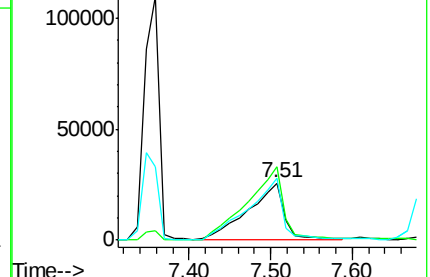
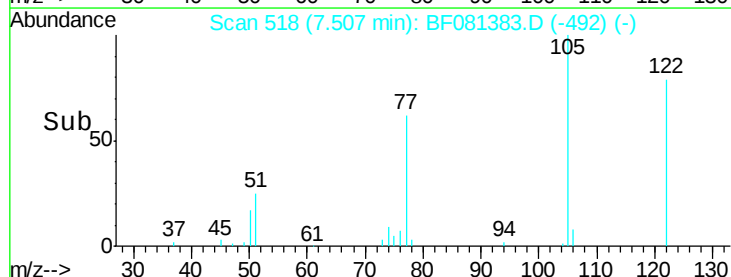
77 109.1 40.5 80.5#

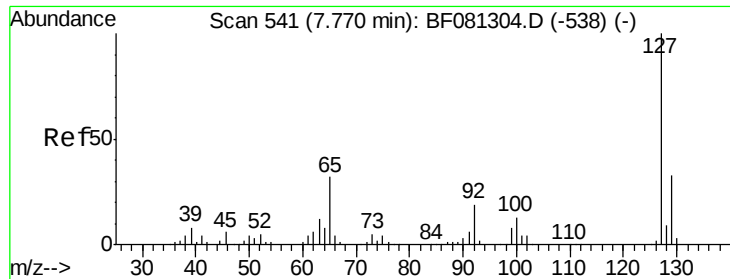


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

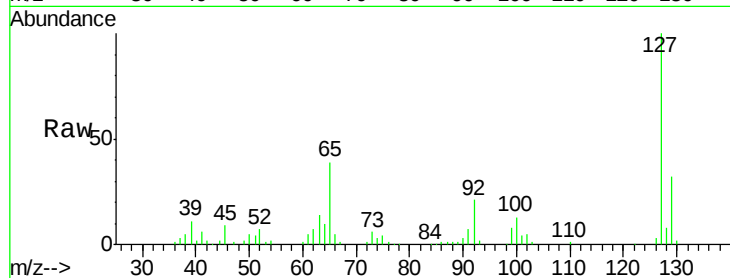




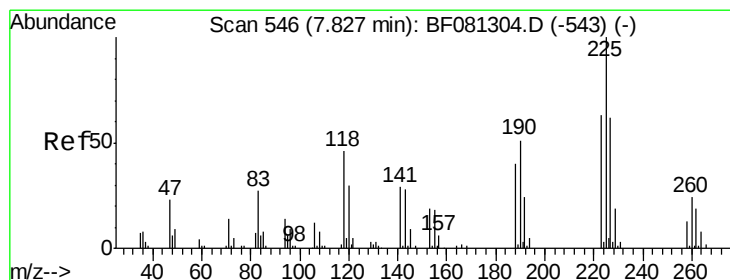
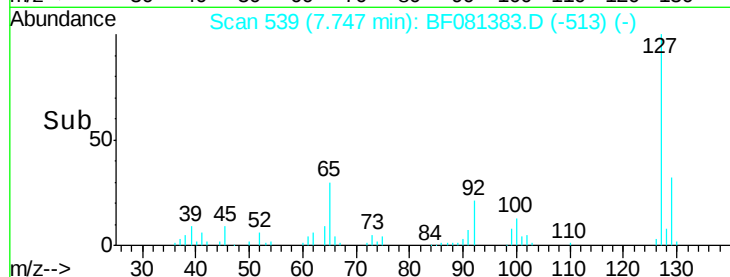
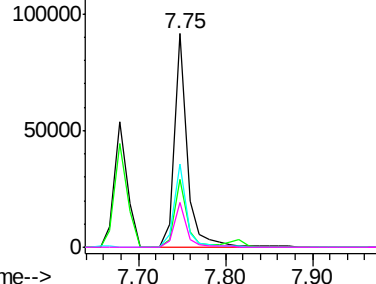
#33  
4-Chloroaniline  
Concen: 20.38 ng  
RT: 7.75 min Scan# 539  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 93245 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 25.8  | 38.6  |
| 65       | 38.7  | 17.9  | 26.9# |
| 92       | 21.1  | 10.5  | 15.7# |

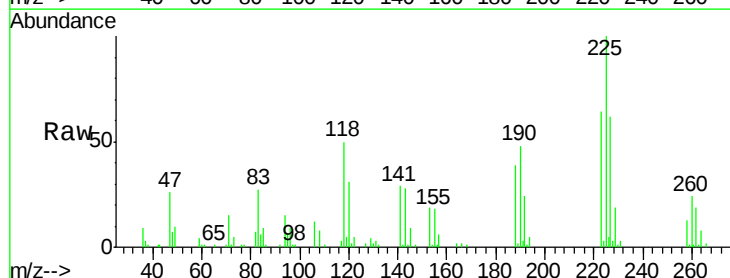


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

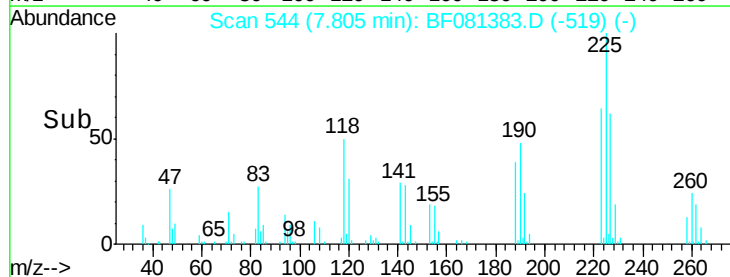
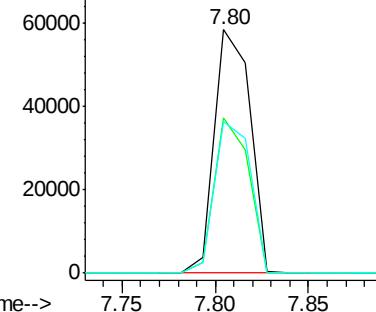


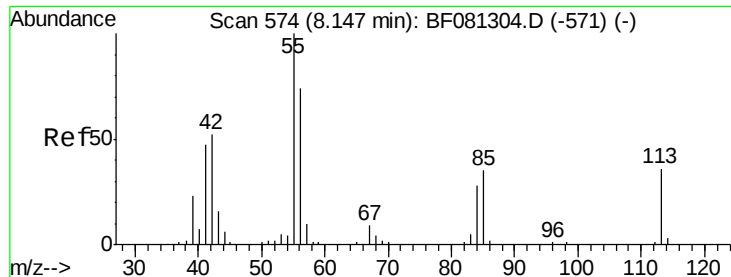
#34  
Hexachlorobutadiene  
Concen: 39.66 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 77501 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 50.2  | 75.2  |
| 227      | 62.1  | 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: 29.07 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

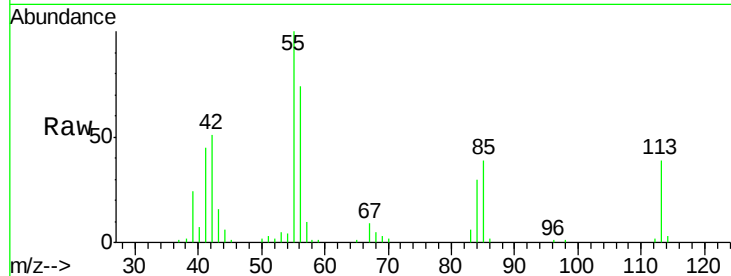
Tot Ion:113 Resp: 26354

Ion Ratio Lower Upper

113 100

55 256.8 152.4 192.4#

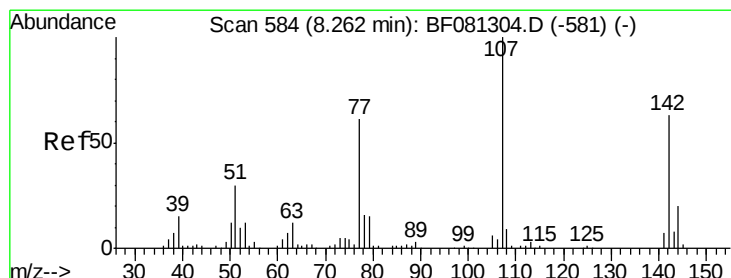
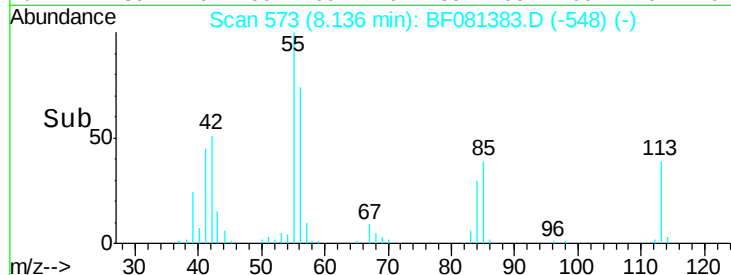
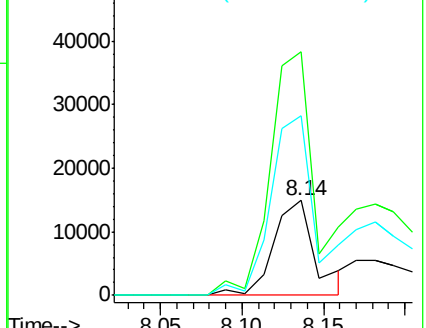
56 189.5 104.6 144.6#



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: 48.16 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

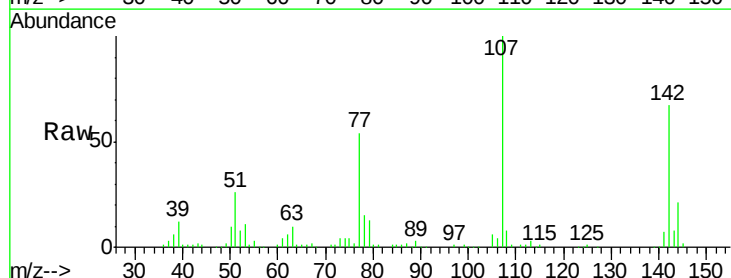
Tgt Ion:107 Resp: 159325

Ion Ratio Lower Upper

107 100

144 21.4 25.4 38.0#

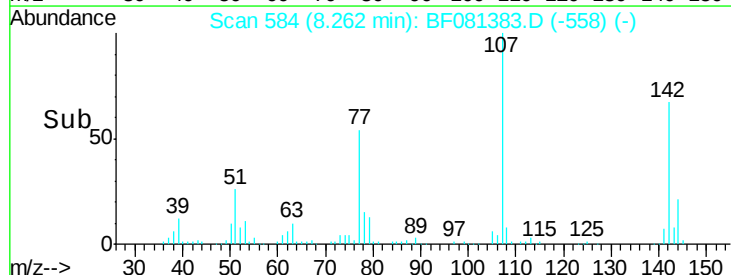
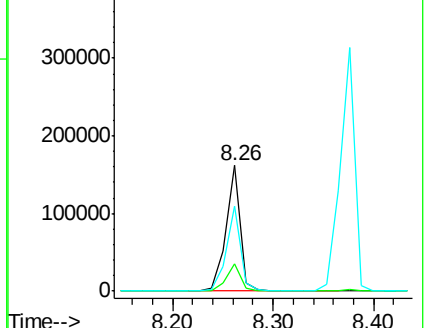
142 67.4 77.3 115.9#

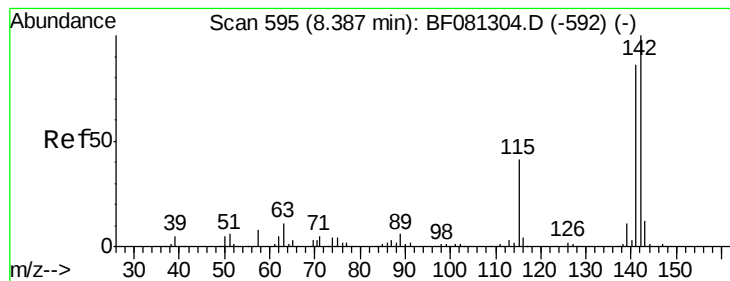


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

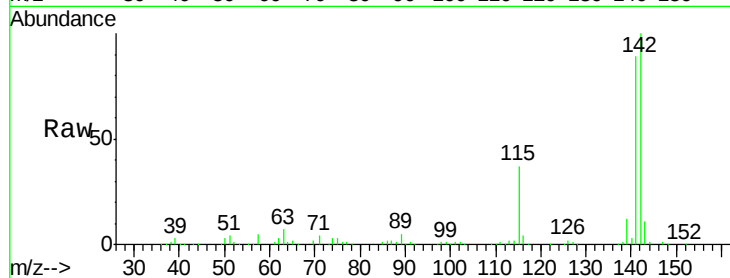




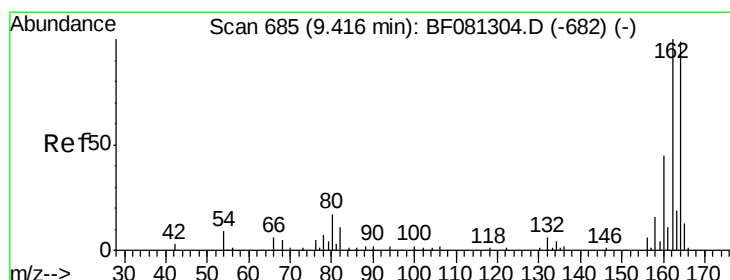
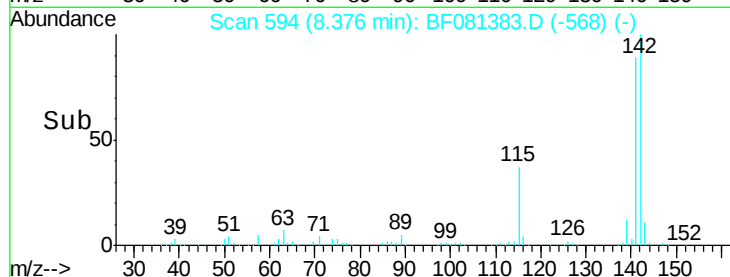
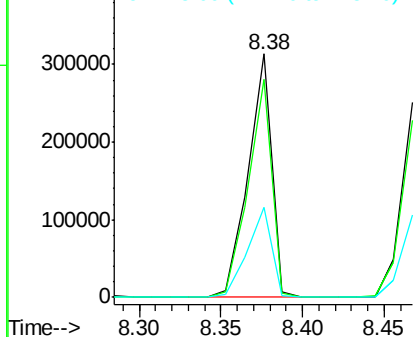
#37  
2-Methylnaphthalene  
Concen: 43.15 ng  
RT: 8.38 min Scan# 594  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

Tot Ion:142 Resp: 315030  
Ion Ratio Lower Upper  
142 100  
141 89.3 67.5 101.3  
115 37.1 18.2 27.2#

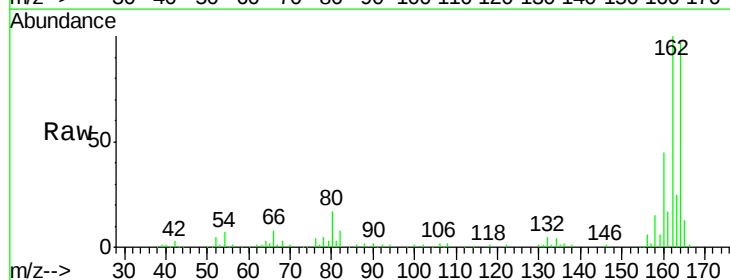


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

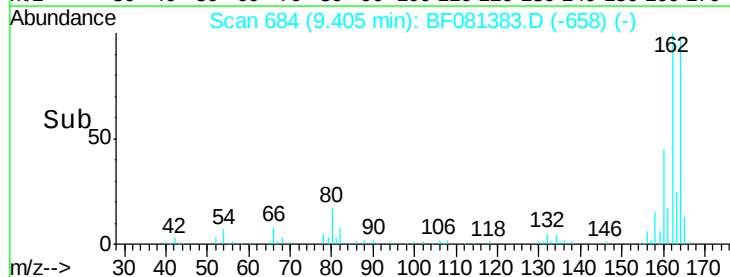
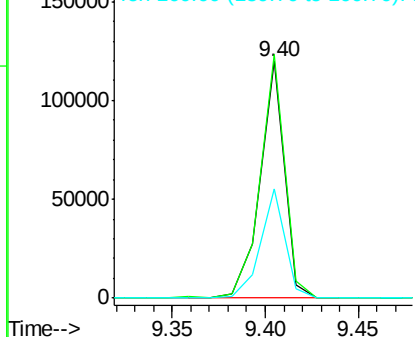


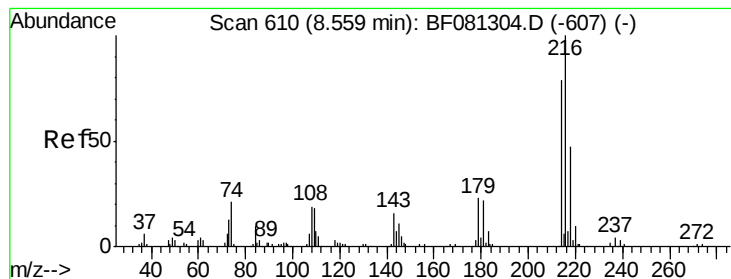
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.40 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:164 Resp: 106810  
Ion Ratio Lower Upper  
164 100  
162 102.8 75.2 112.8  
160 46.1 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: 35.51 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

Tot Ion:216 Resp: 119964

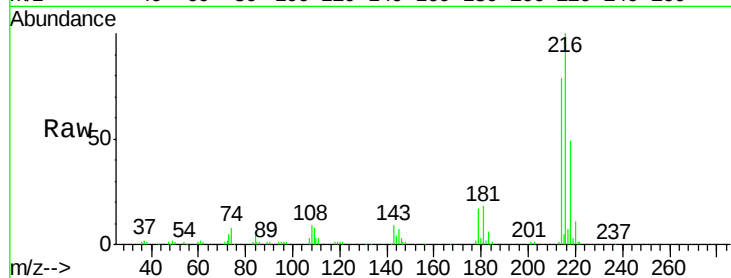
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 21.5 16.6 24.8

108 22.0 16.3 24.5

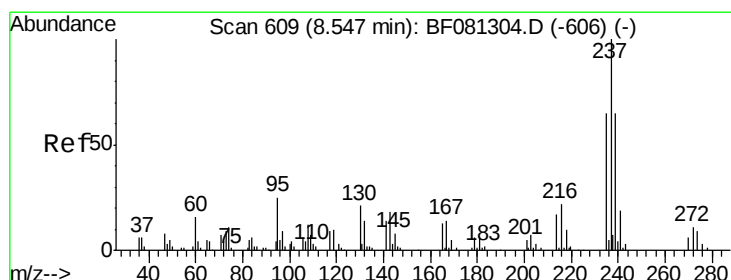
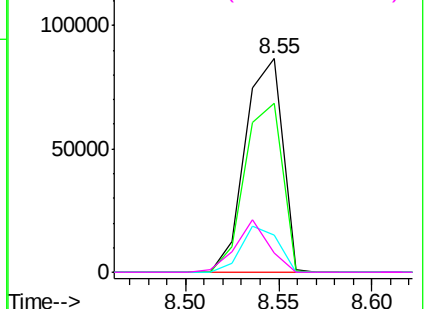
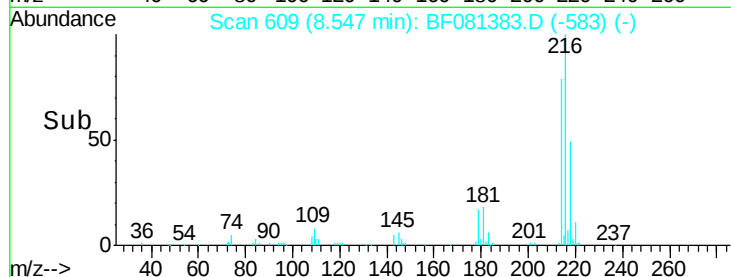


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.54 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

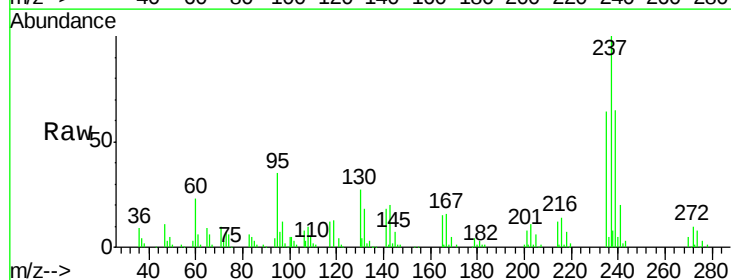
Tgt Ion:237 Resp: 128536

Ion Ratio Lower Upper

237 100

235 64.4 42.0 82.0

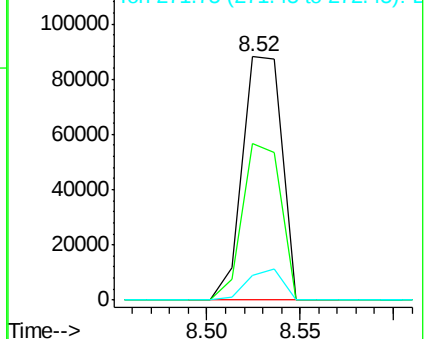
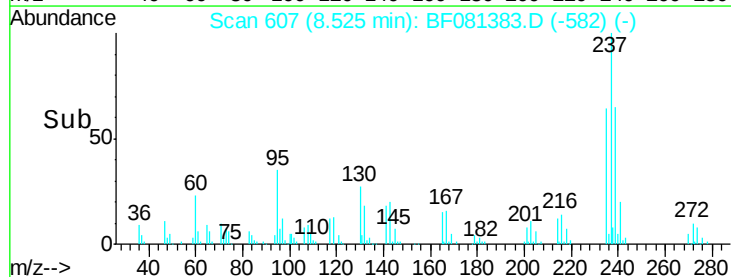
272 10.0 0.0 36.1

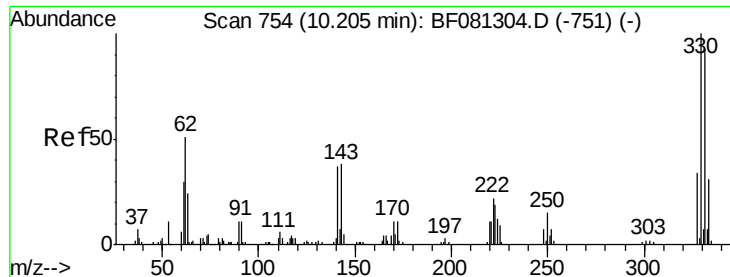


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

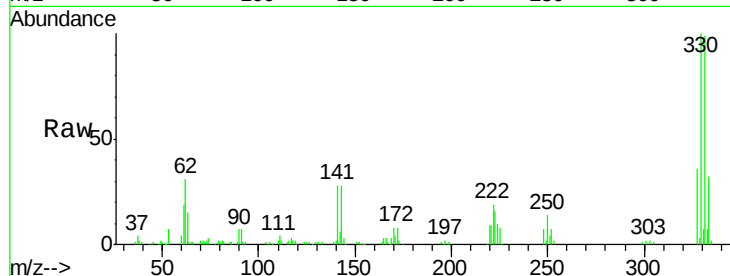




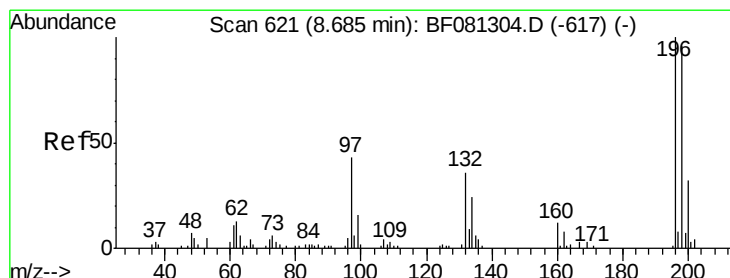
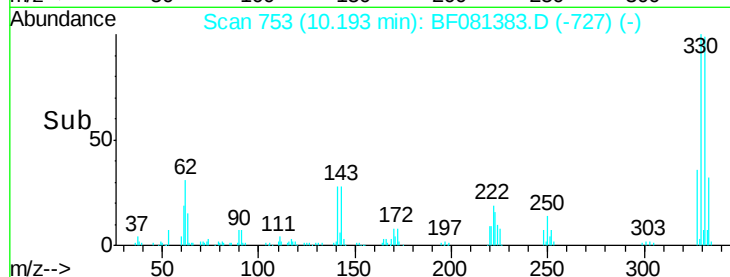
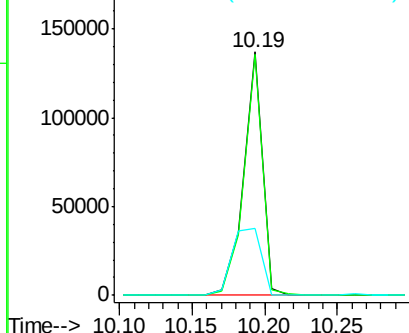
#41  
 2,4,6-Tribromophenol  
 Concen: 129.87 ng  
 RT: 10.19 min Scan# 753  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.1  | 76.6  | 114.8 |
| 141     | 43.6  | 29.7  | 44.5  |

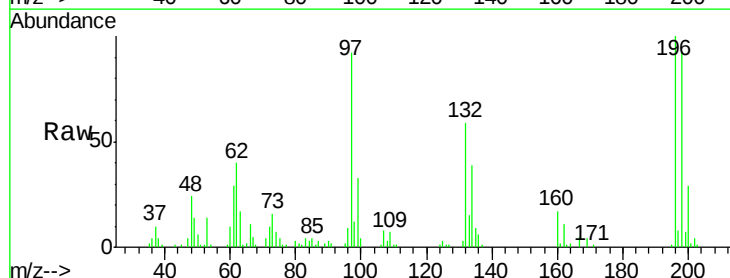


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

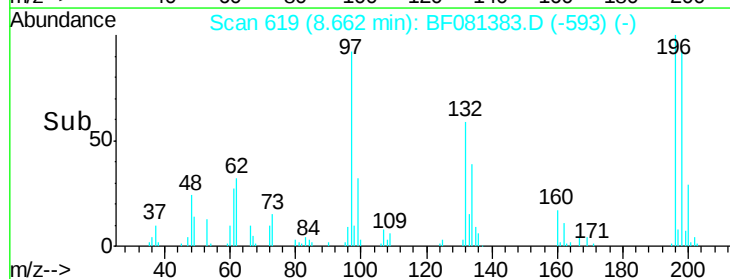
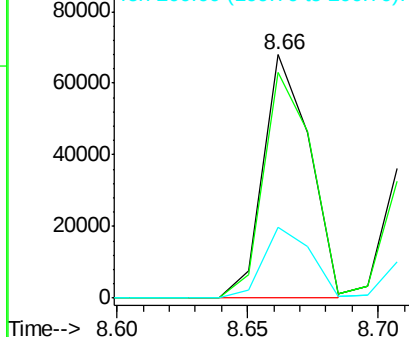


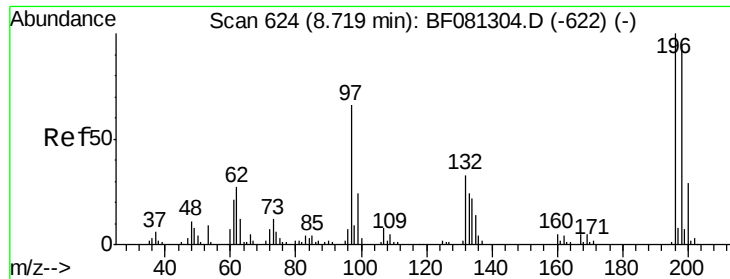
#42  
 2,4,6-Trichlorophenol  
 Concen: 36.13 ng  
 RT: 8.66 min Scan# 619  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.6  | 75.7  | 113.5 |
| 200     | 29.0  | 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

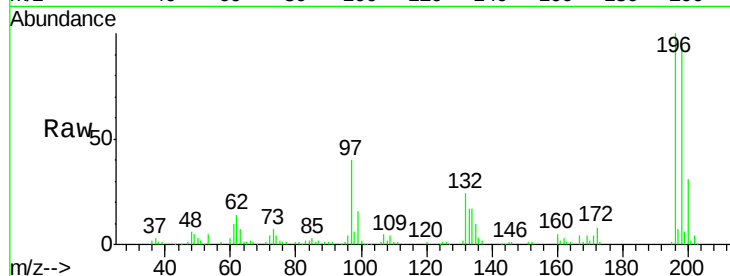




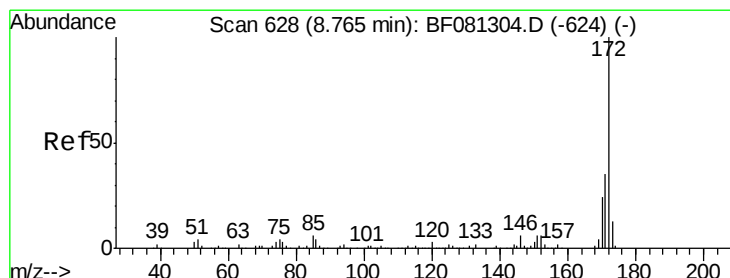
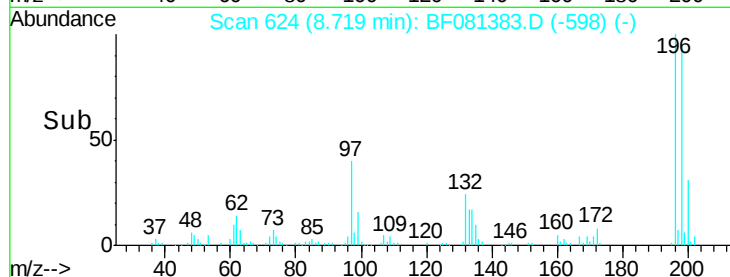
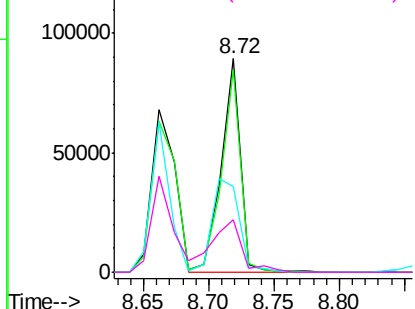
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.79 ng  
 RT: 8.72 min Scan# 624  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.9  | 75.4  | 113.0 |
| 97      | 40.4  | 33.3  | 49.9  |
| 132     | 24.4  | 24.6  | 37.0  |

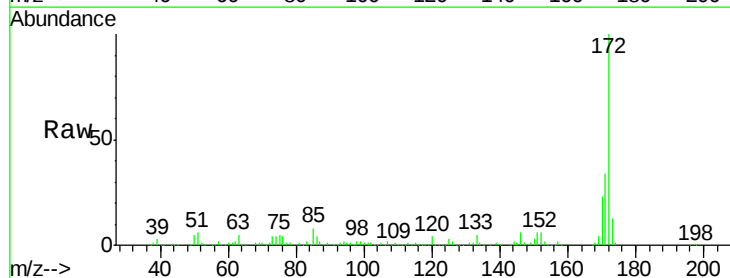


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

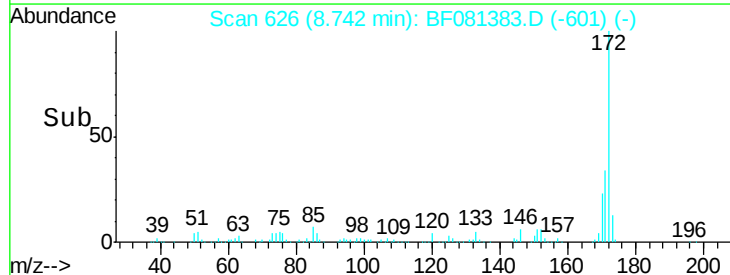
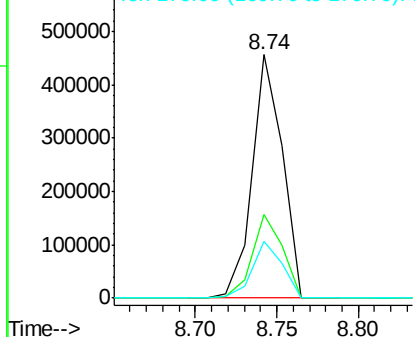


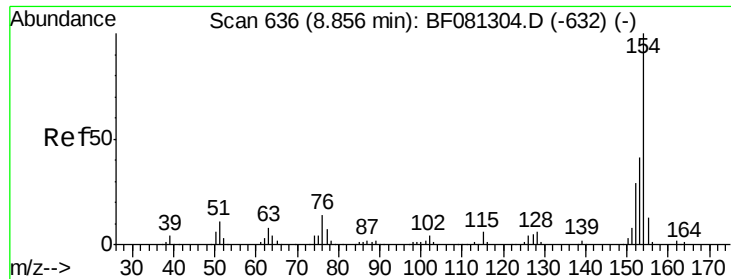
#44  
 2-Fluorobiphenyl  
 Concen: 69.93 ng  
 RT: 8.74 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.3  | 26.1  | 39.1  |
| 170     | 23.5  | 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: 38.25 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

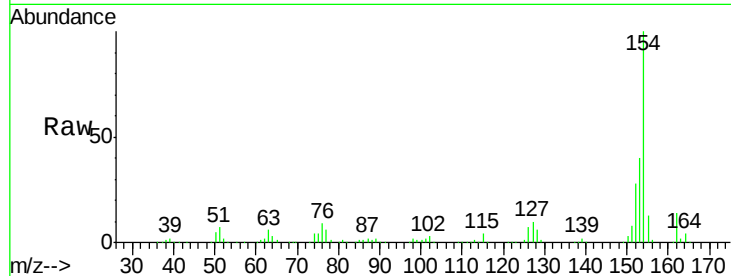
Tot Ion:154 Resp: 375856

Ion Ratio Lower Upper

154 100

153 39.9 17.1 57.1

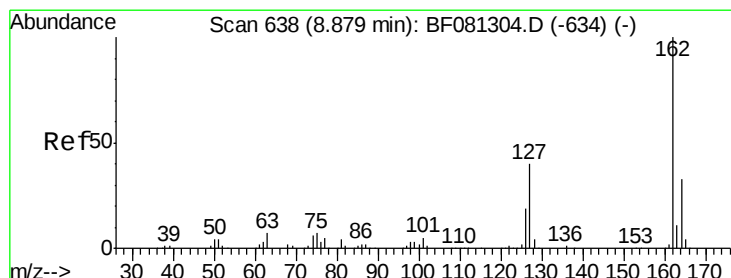
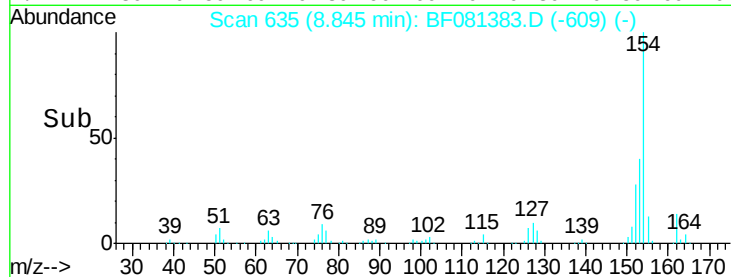
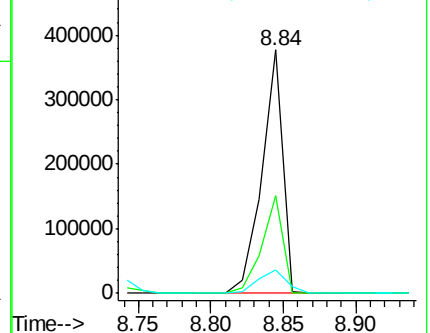
76 9.4 0.0 31.6



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: 36.18 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

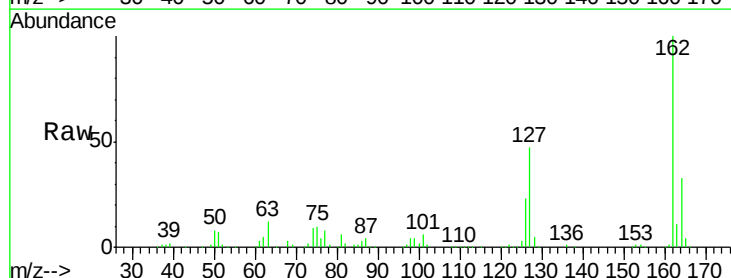
Tgt Ion:162 Resp: 256774

Ion Ratio Lower Upper

162 100

127 47.2 27.6 41.4#

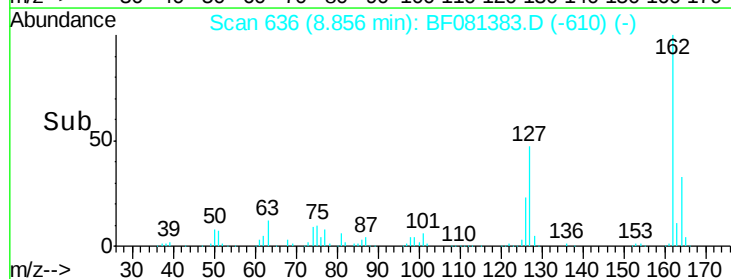
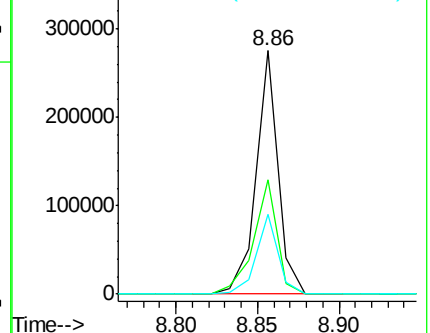
164 32.8 25.4 38.2

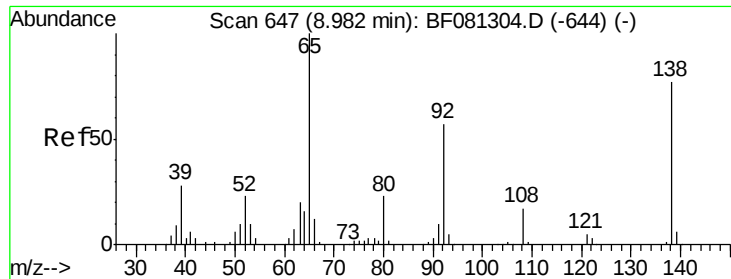


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

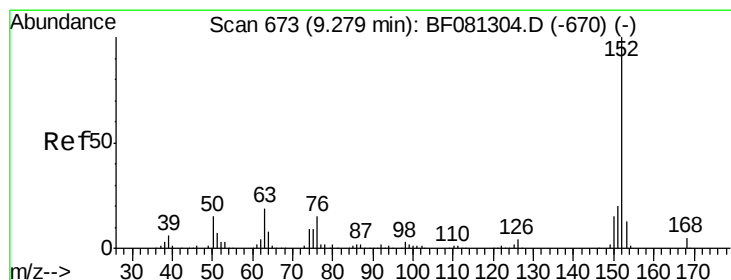
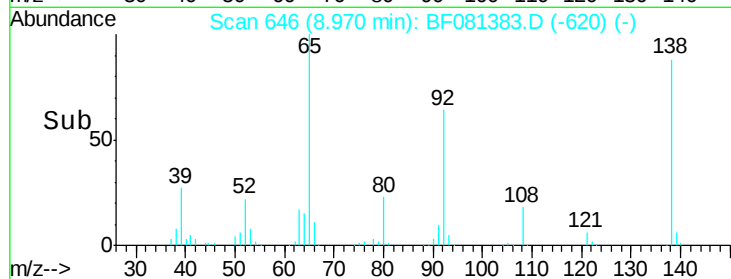
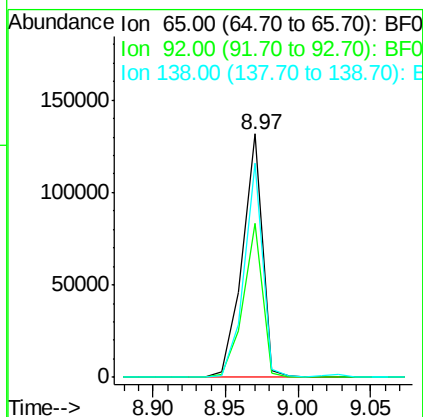
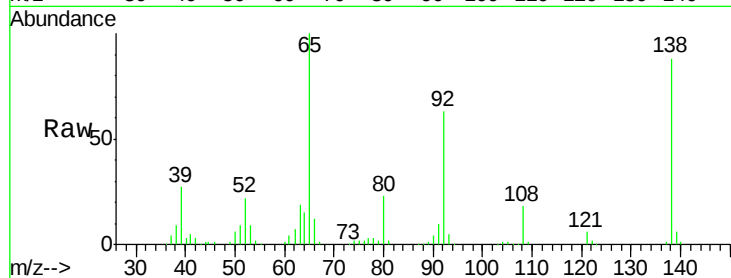




#47  
 2-Nitroaniline  
 Concen: 44.13 ng  
 RT: 8.97 min Scan# 646  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

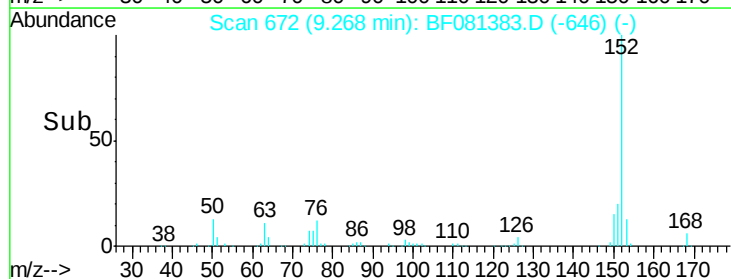
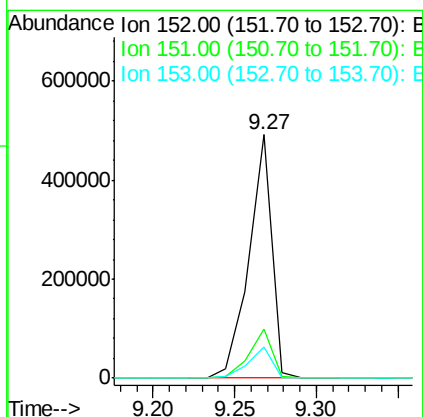
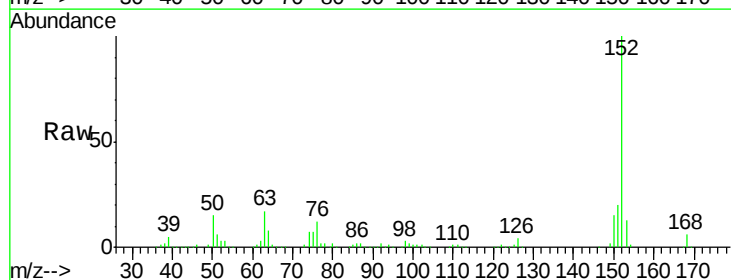
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

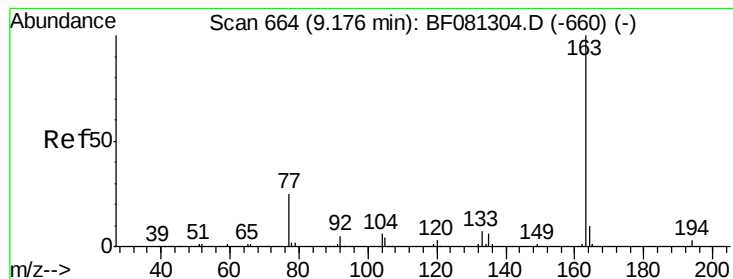
Tot Ion: 65 Resp: 127647  
 Ion Ratio Lower Upper  
 65 100  
 92 63.3 55.4 83.0  
 138 88.1 115.5 173.3#



#48  
 Acenaphthylene  
 Concen: 37.98 ng  
 RT: 9.27 min Scan# 672  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion: 152 Resp: 478139  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 14.6 22.0  
 153 12.8 10.3 15.5





#49

Dimethylphthalate

Concen: 41.17 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

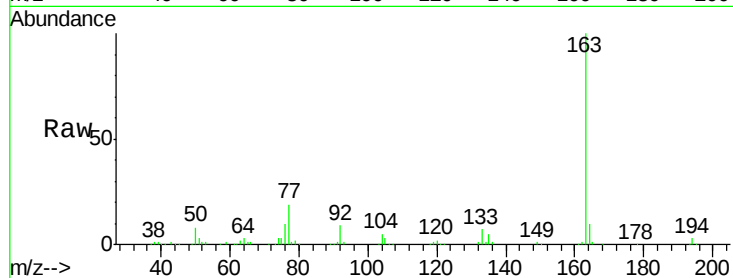
Tot Ion:163 Resp: 341634

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

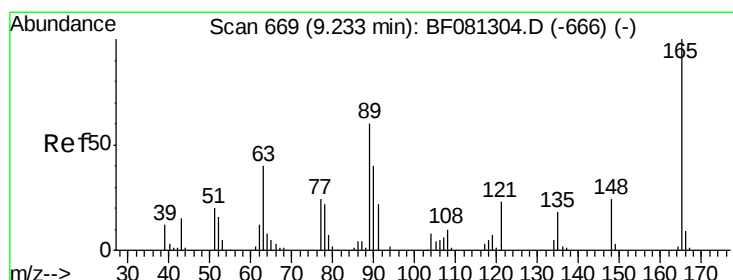
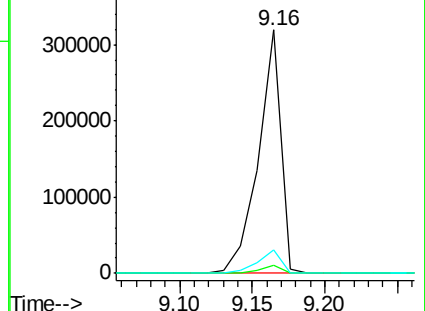
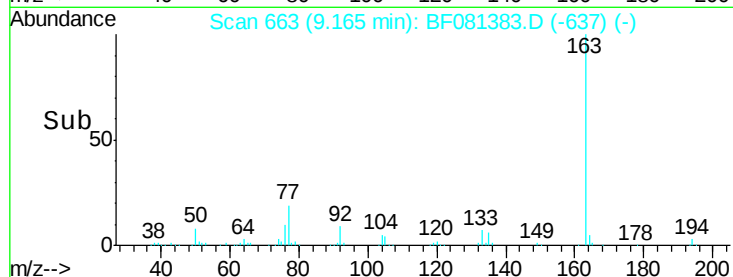
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.13 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

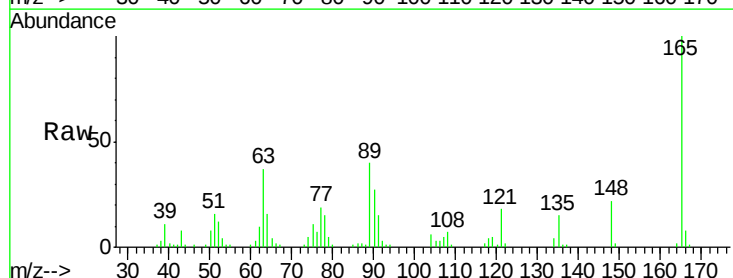
Tgt Ion:165 Resp: 69925

Ion Ratio Lower Upper

165 100

63 36.8 32.3 48.5

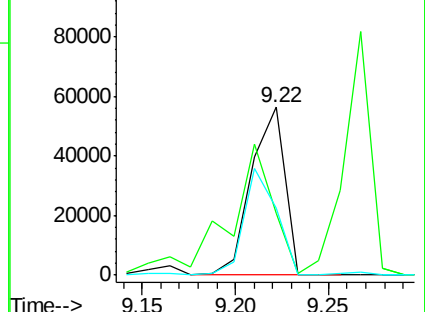
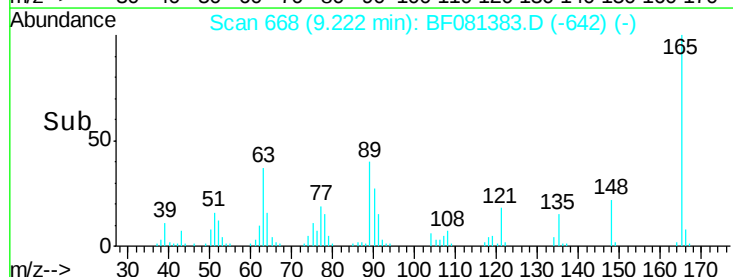
89 39.6 28.6 43.0

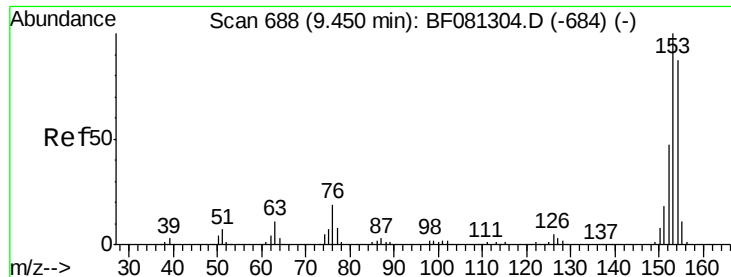


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

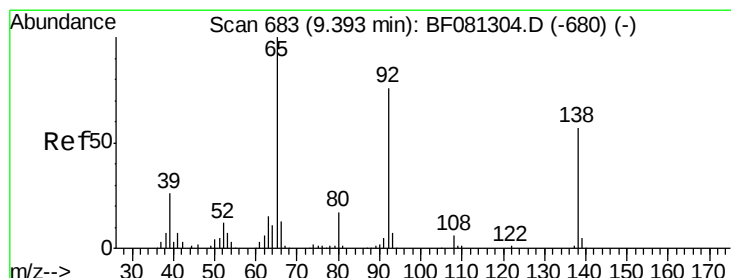
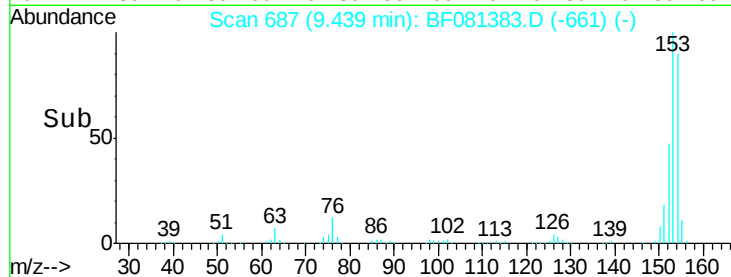
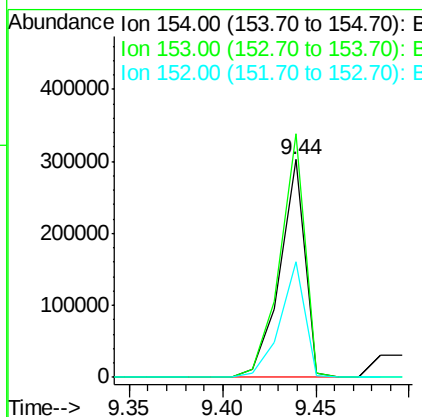
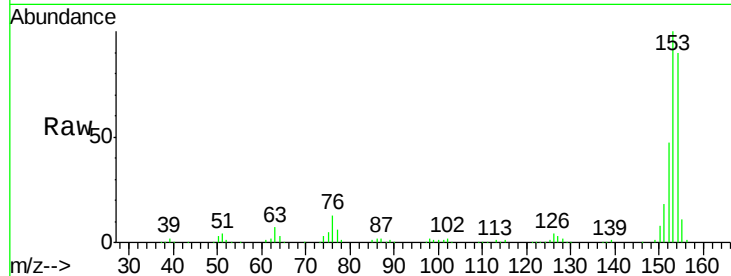




#51  
Acenaphthene  
Concen: 39.51 ng  
RT: 9.44 min Scan# 687  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

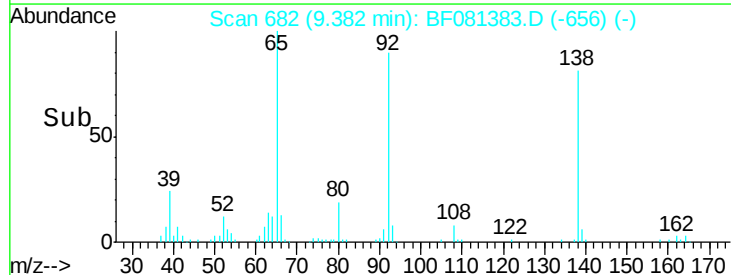
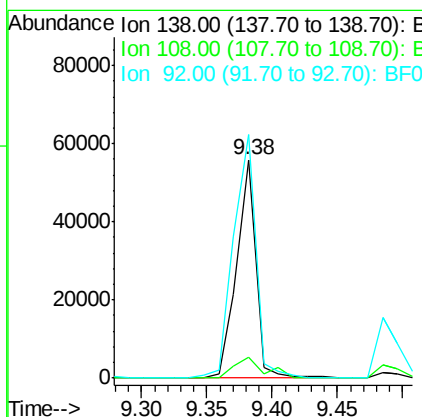
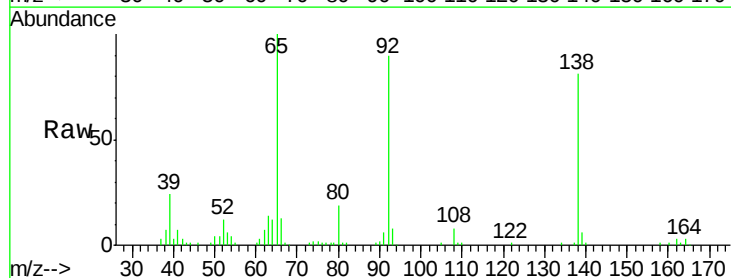
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

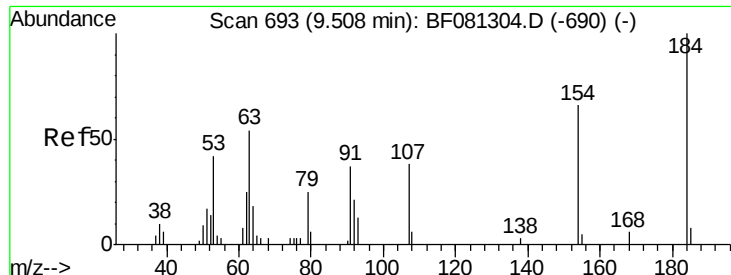
Tot Ion:154 Resp: 282959  
Ion Ratio Lower Upper  
154 100  
153 111.7 82.1 123.1  
152 52.9 37.9 56.9



#52  
3-Nitroaniline  
Concen: 26.72 ng  
RT: 9.38 min Scan# 682  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:138 Resp: 57287  
Ion Ratio Lower Upper  
138 100  
108 9.3 5.7 8.5#  
92 111.5 67.7 101.5#

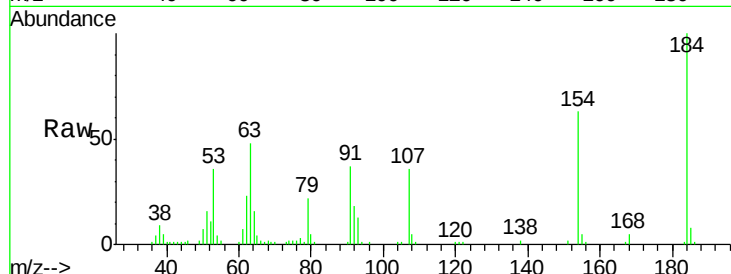




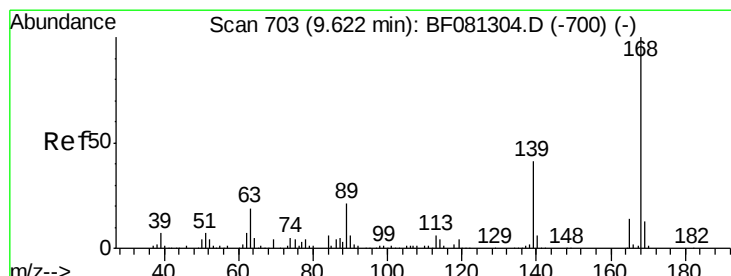
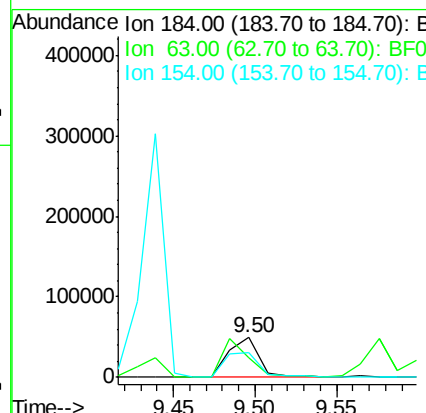
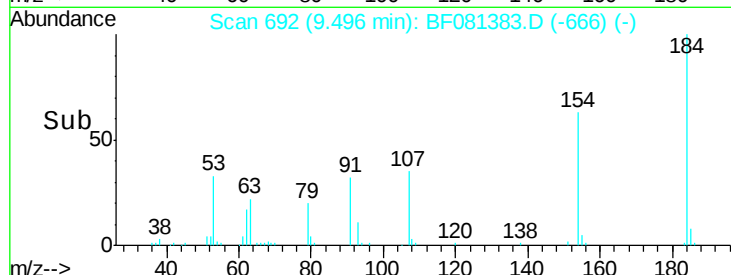
#53  
 2,4-Dinitrophenol  
 Concen: 82.41 ng  
 RT: 9.50 min Scan# 692  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

Tot Ion:184 Resp: 65374  
 Ion Ratio Lower Upper  
 184 100  
 63 48.5 35.4 53.2  
 154 62.8 32.2 48.4#

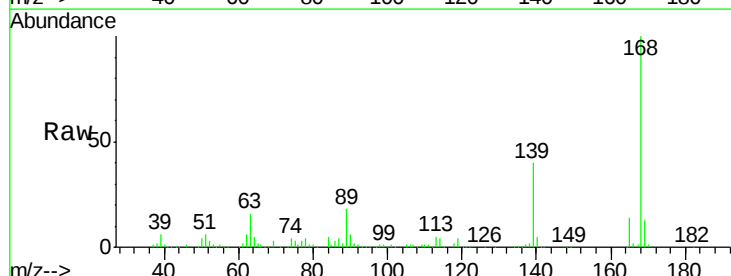


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

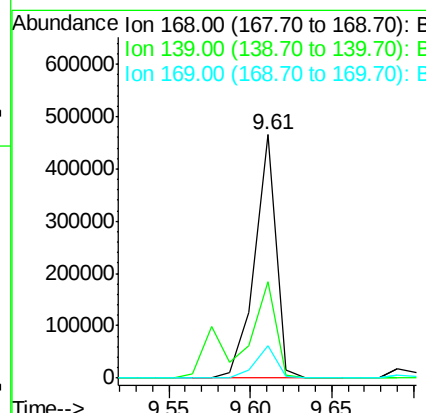
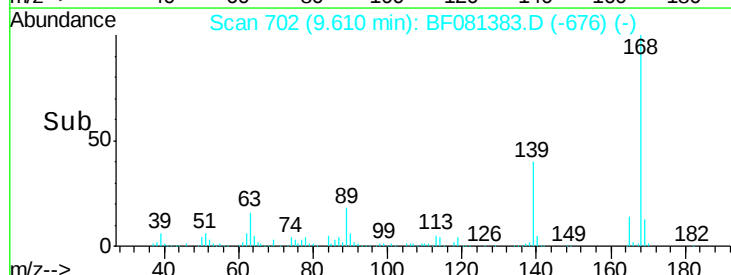


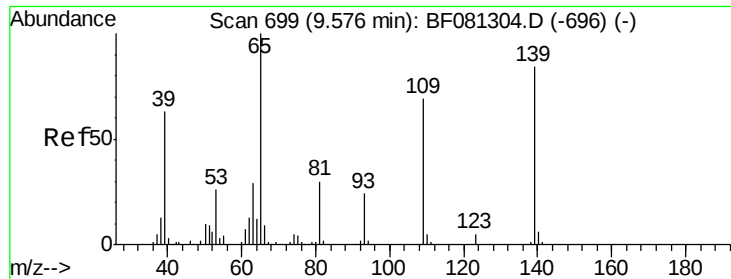
#54  
 Dibenzofuran  
 Concen: 40.55 ng  
 RT: 9.61 min Scan# 702  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion:168 Resp: 424010  
 Ion Ratio Lower Upper  
 168 100  
 139 39.8 24.2 36.2#  
 169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 201.94 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

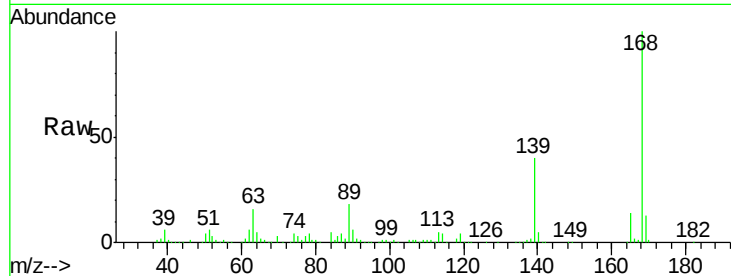
Tot Ion:139 Resp: 272032

Ion Ratio Lower Upper

139 100

109 1.7 12.7 52.7#

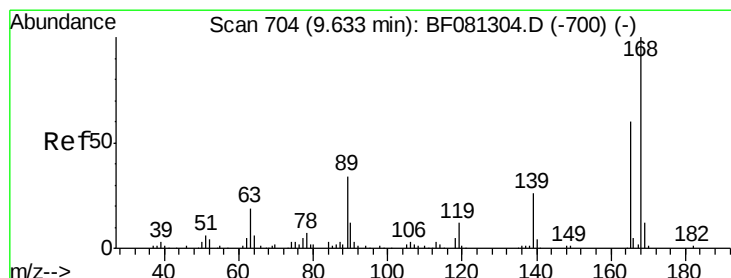
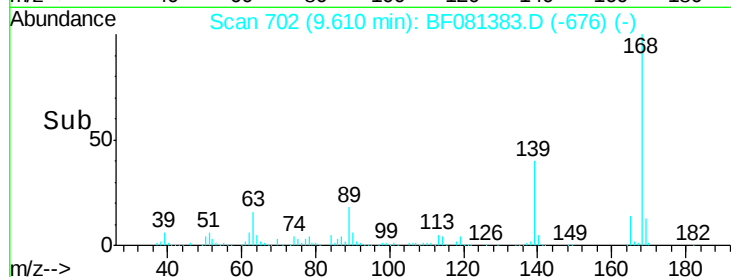
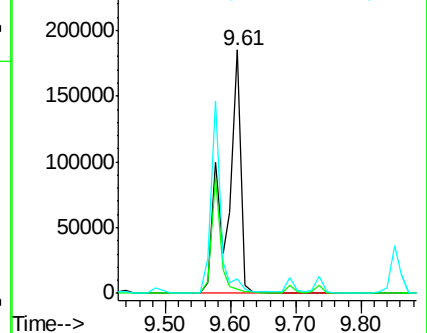
65 5.8 45.9 85.9#



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: 38.84 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Tgt Ion:165 Resp: 93157

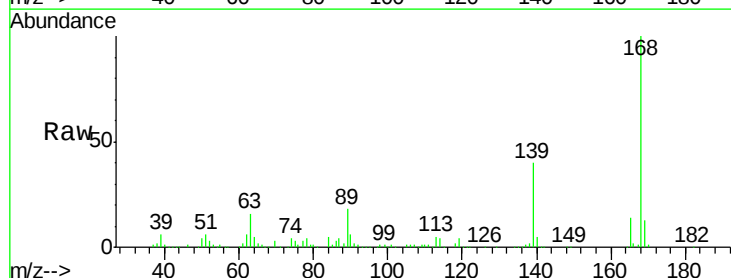
Ion Ratio Lower Upper

165 100

63 116.0 29.8 44.6#

89 127.5 44.5 66.7#

182 1.8 3.0 4.4#

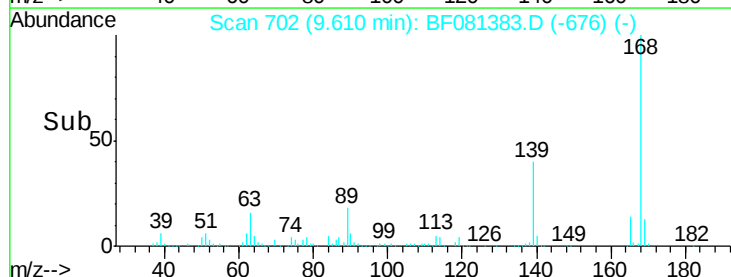
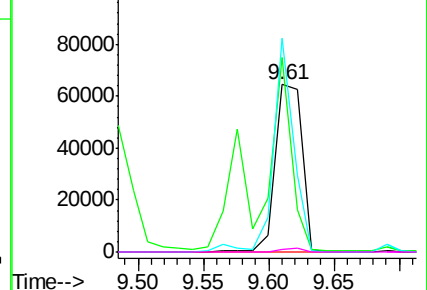


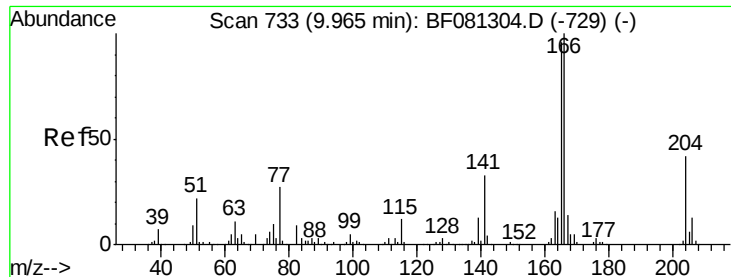
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.25 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

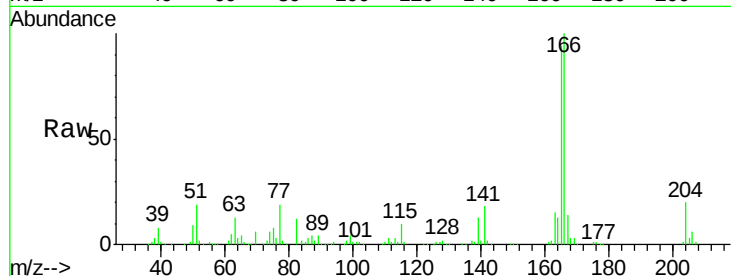
Tot Ion:166 Resp: 311516

Ion Ratio Lower Upper

166 100

165 94.2 72.6 109.0

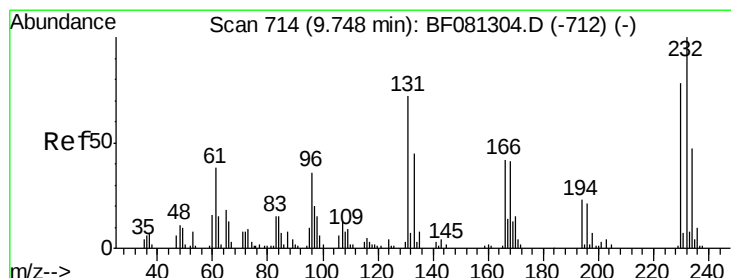
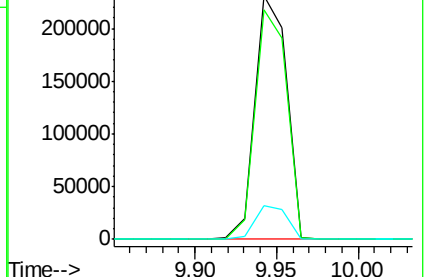
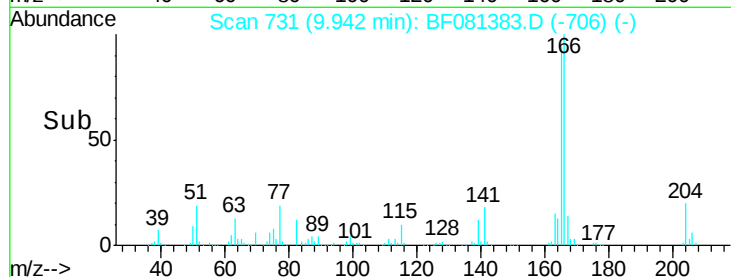
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.77 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Tgt Ion:232 Resp: 75850

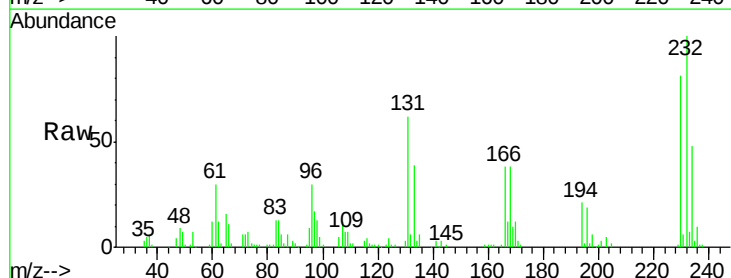
Ion Ratio Lower Upper

232 100

131 55.9 38.5 57.7

130 2.5 1.8 2.6

166 34.0 25.0 37.6

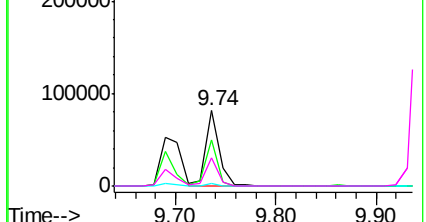
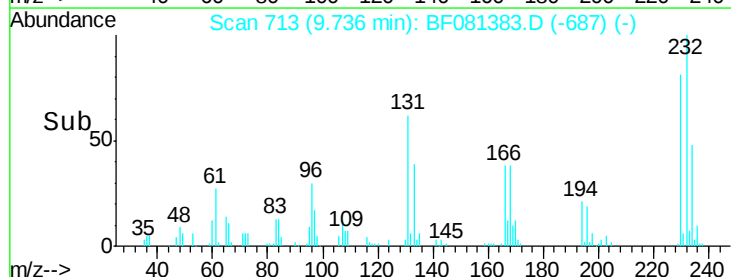


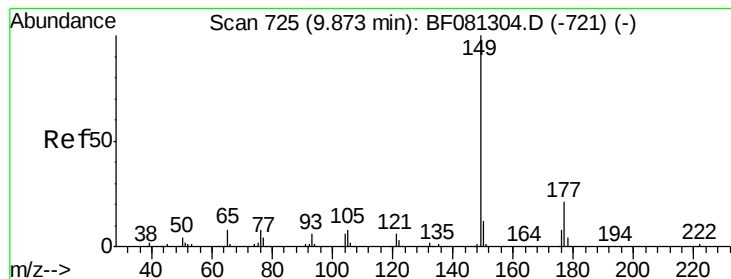
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.70 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

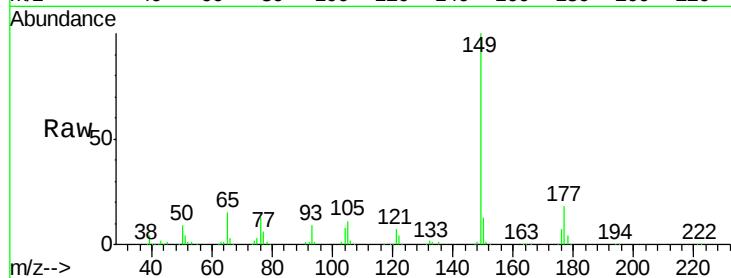
Tot Ion:149 Resp: 329069

Ion Ratio Lower Upper

149 100

177 17.7 17.5 26.3

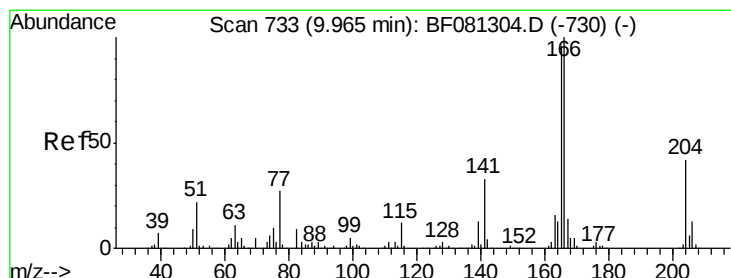
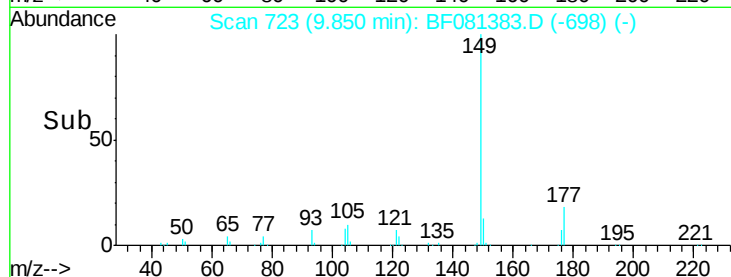
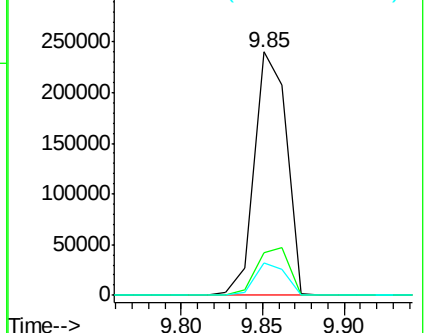
150 13.2 9.4 14.2



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: 43.23 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

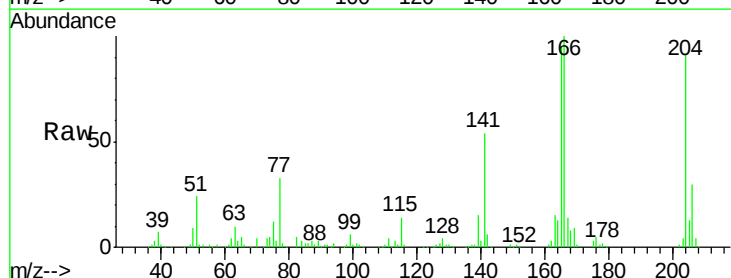
Tgt Ion:204 Resp: 159904

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

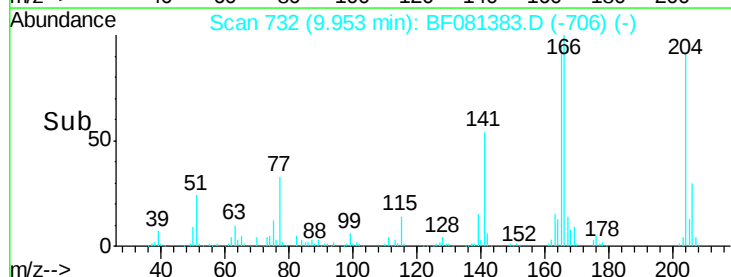
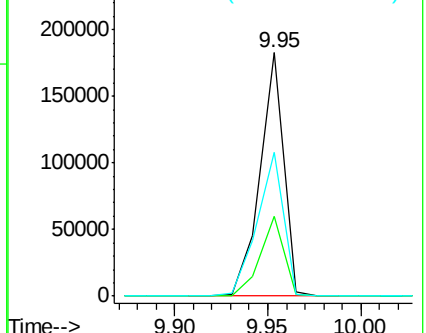
141 59.0 42.2 63.4

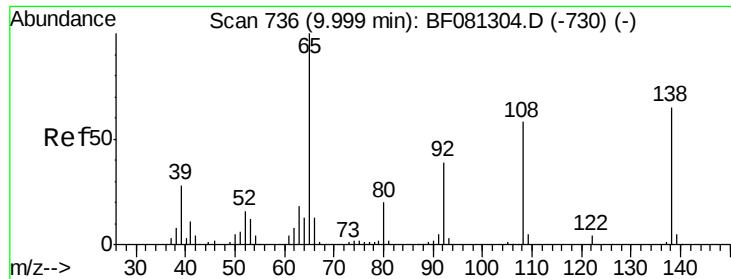


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

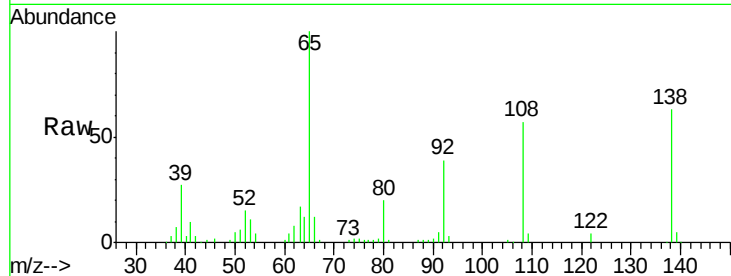




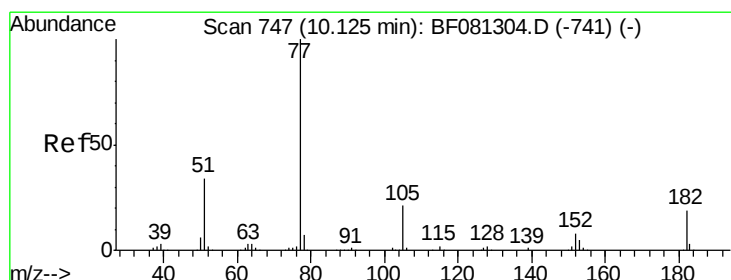
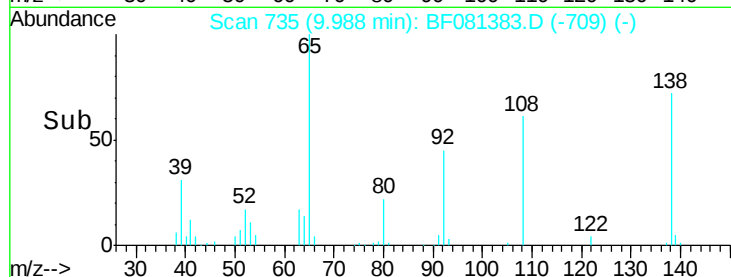
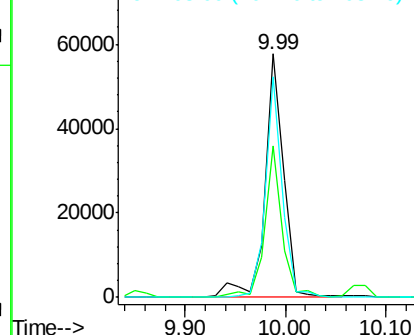
#61  
4-Nitroaniline  
Concen: 34.24 ng  
RT: 9.99 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

Tot Ion:138 Resp: 74167  
Ion Ratio Lower Upper  
138 100  
92 62.0 12.6 52.6#  
108 90.4 12.4 52.4#

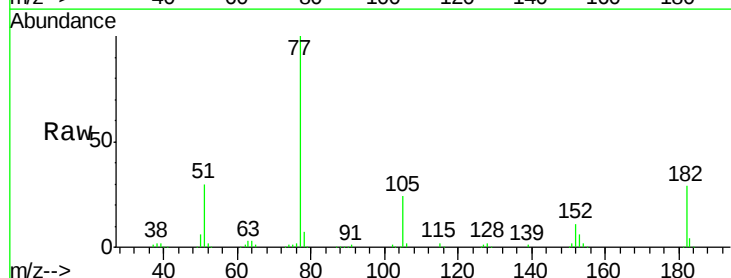


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

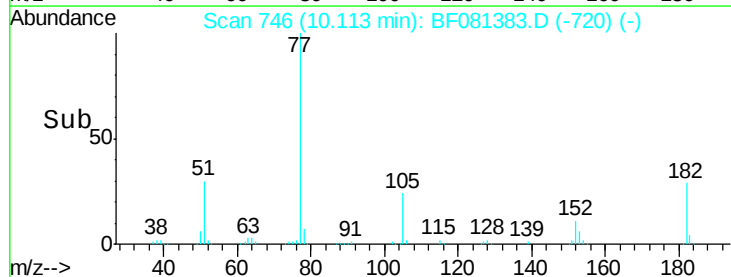
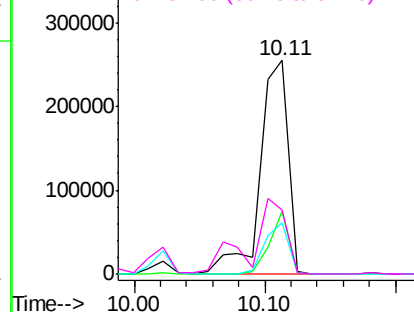


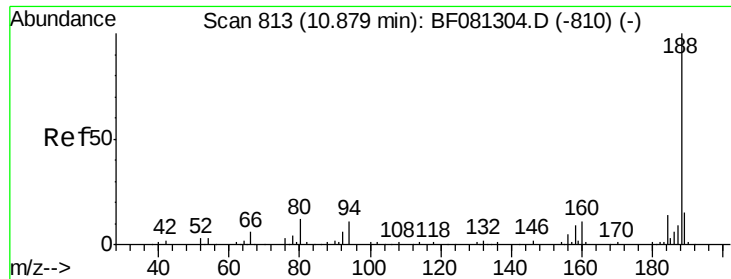
#62  
Azobenzene  
Concen: 39.71 ng  
RT: 10.11 min Scan# 746  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion: 77 Resp: 385346  
Ion Ratio Lower Upper  
77 100  
182 29.3 15.1 55.1  
105 24.0 3.4 43.4  
51 30.3 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

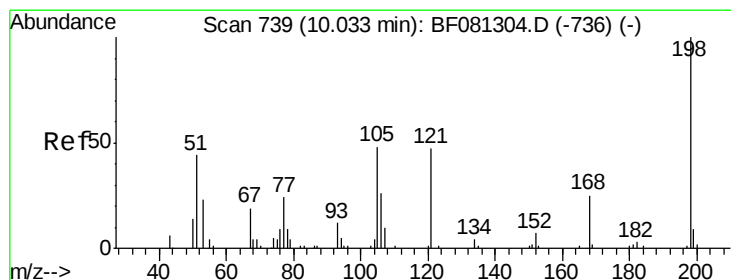
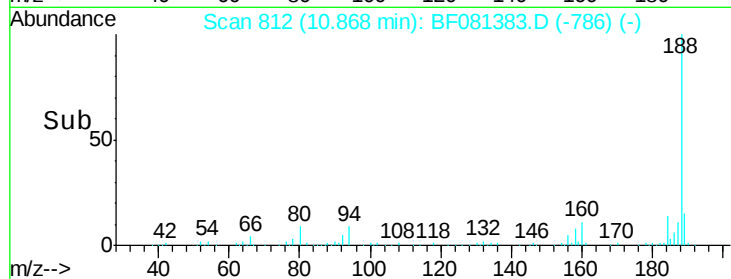
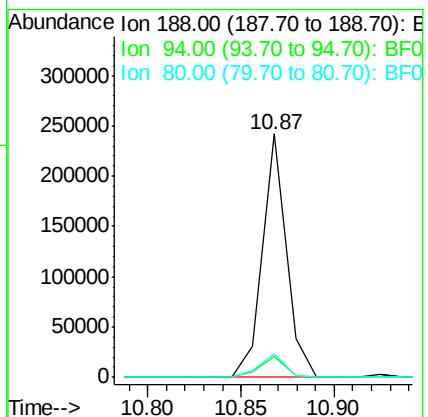
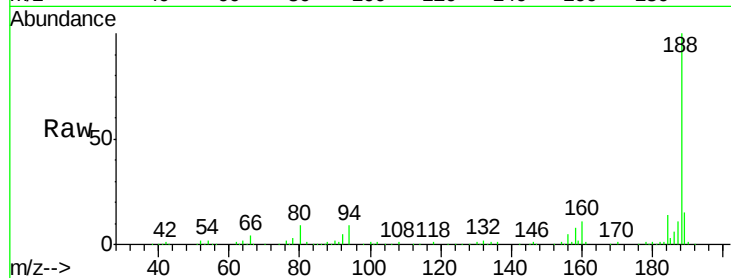




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.87 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

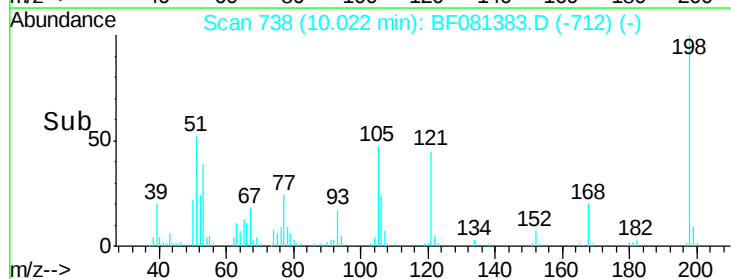
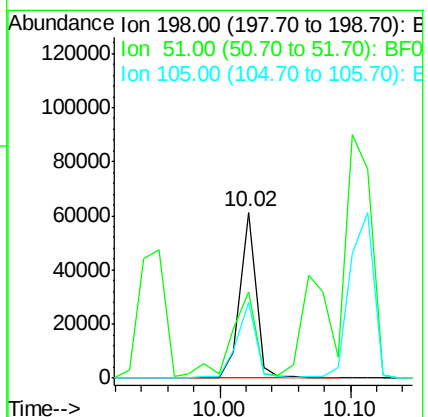
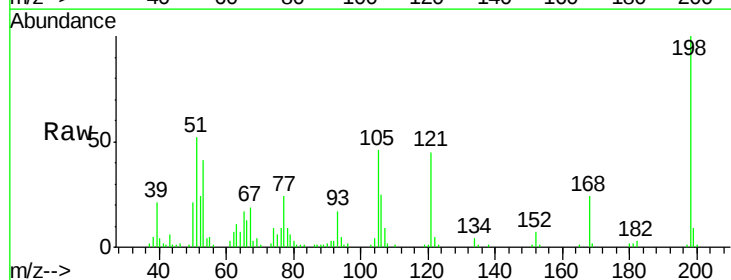
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

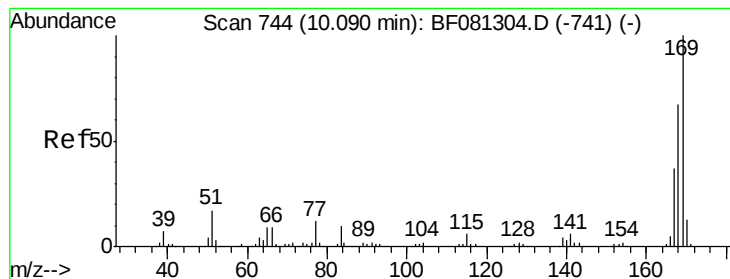
Tot Ion:188 Resp: 214968  
Ion Ratio Lower Upper  
188 100  
94 8.7 11.1 16.7#  
80 9.5 11.0 16.4#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.86 ng  
RT: 10.02 min Scan# 738  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:198 Resp: 52738  
Ion Ratio Lower Upper  
198 100  
51 51.7 39.6 79.6  
105 46.2 28.5 68.5

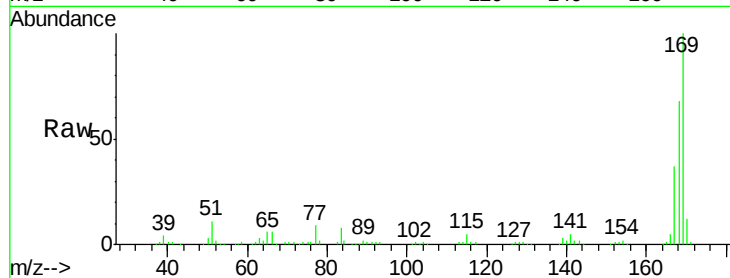




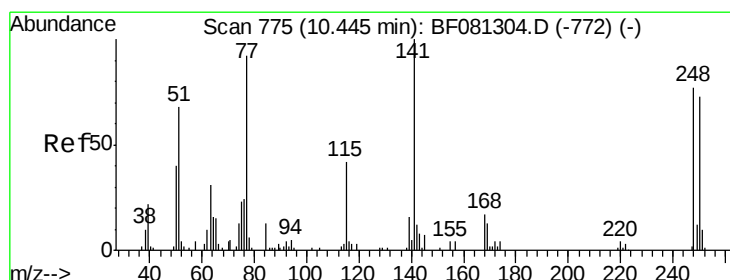
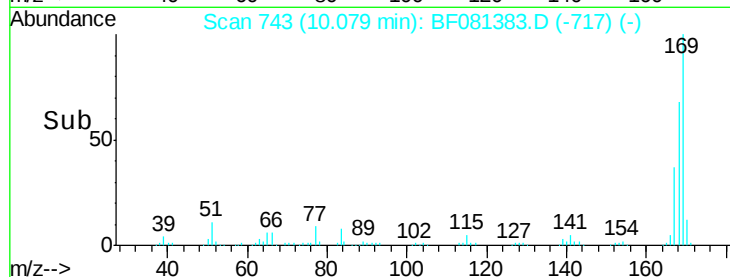
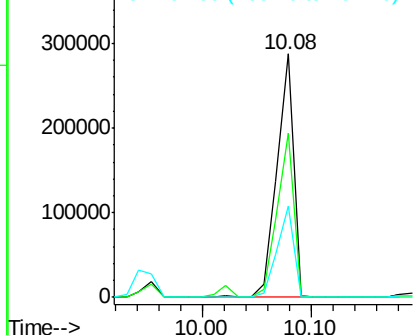
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.07 ng  
 RT: 10.08 min Scan# 743  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

| Tot Ion   | 169  | Resp  | 305652 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 169       | 100  |       |        |
| 168       | 67.7 | 48.9  | 73.3   |
| 167       | 37.3 | 26.2  | 39.4   |

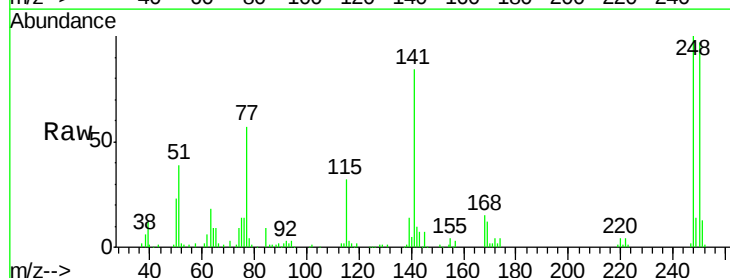


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

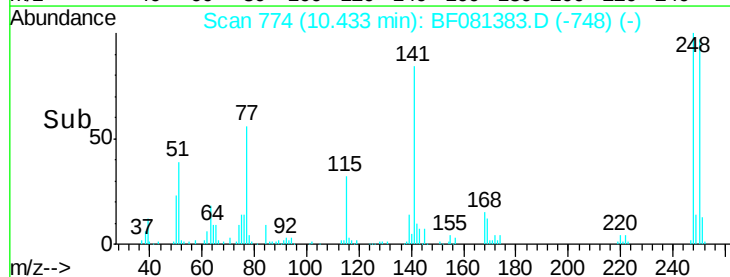
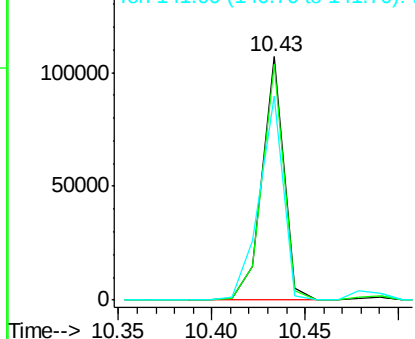


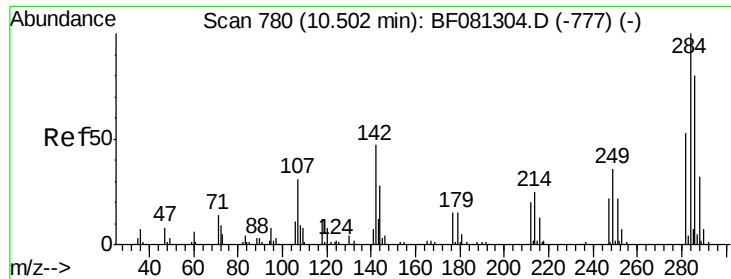
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.48 ng  
 RT: 10.43 min Scan# 774  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion   | 248  | Resp  | 87987 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 248       | 100  |       |       |
| 250       | 96.7 | 78.5  | 117.7 |
| 141       | 83.8 | 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

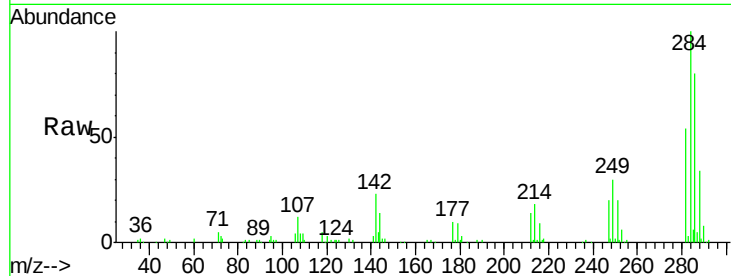




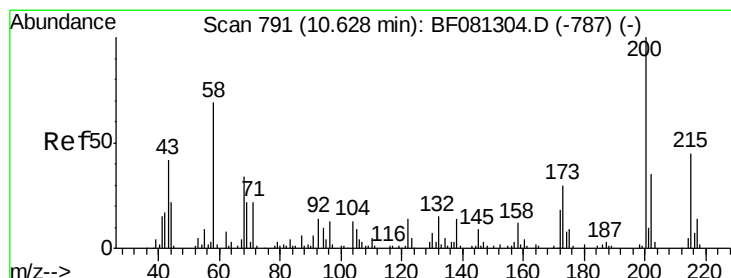
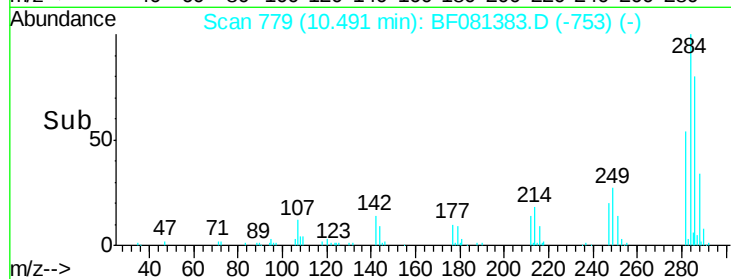
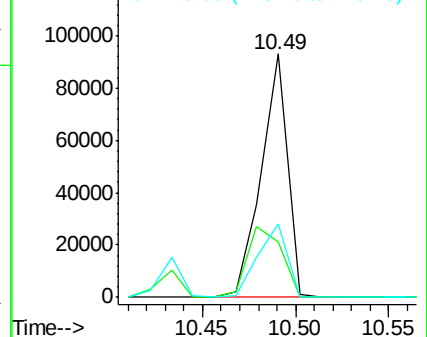
#67  
Hexachlorobenzene  
Concen: 39.72 ng  
RT: 10.49 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 22.8  | 29.5  | 44.3# |
| 249     | 30.3  | 19.5  | 29.3# |

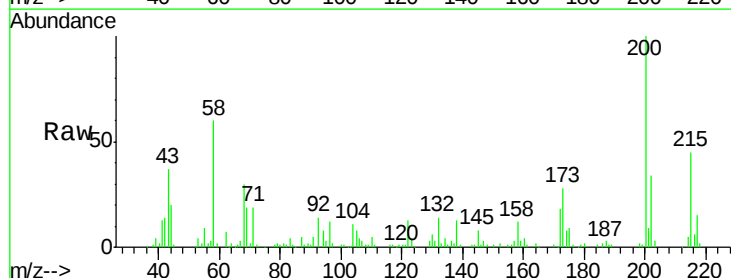


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

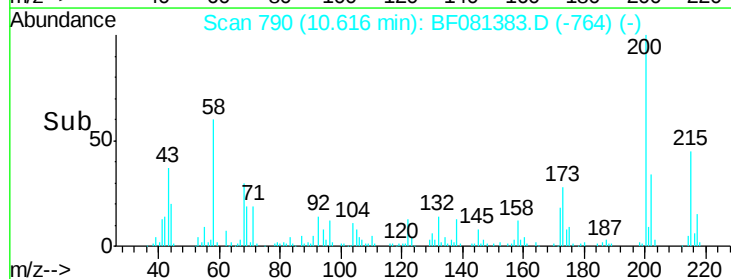
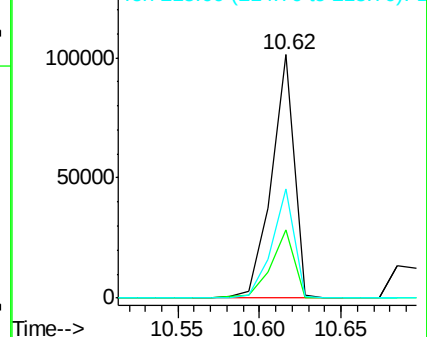


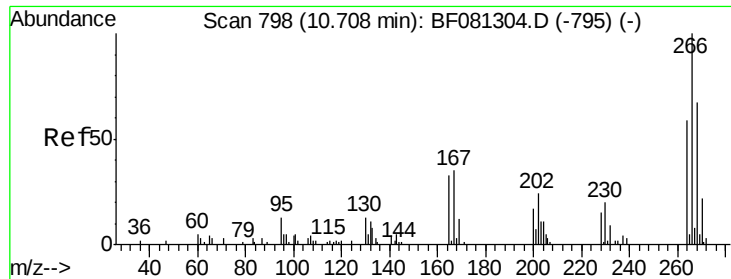
#68  
Atrazine  
Concen: 43.35 ng  
RT: 10.62 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.9  | 13.2  | 53.2  |
| 215     | 44.9  | 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

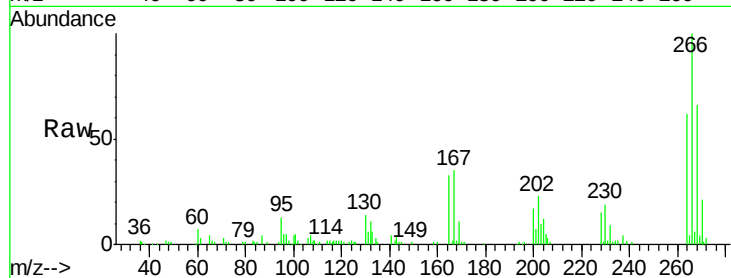




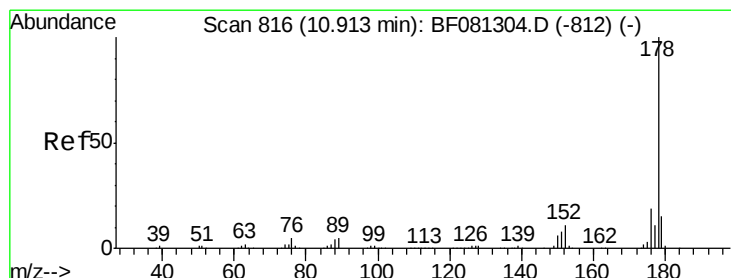
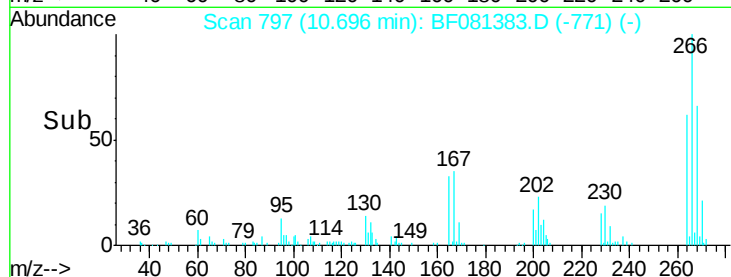
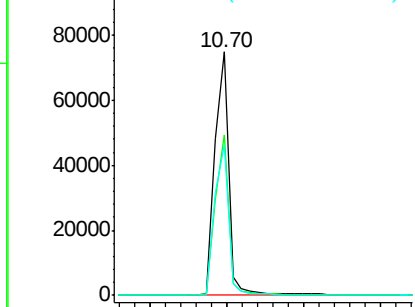
#69  
 Pentachlorophenol  
 Concen: 84.28 ng  
 RT: 10.70 min Scan# 797  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.0  | 49.8  | 74.6  |
| 264     | 61.9  | 50.2  | 75.2  |

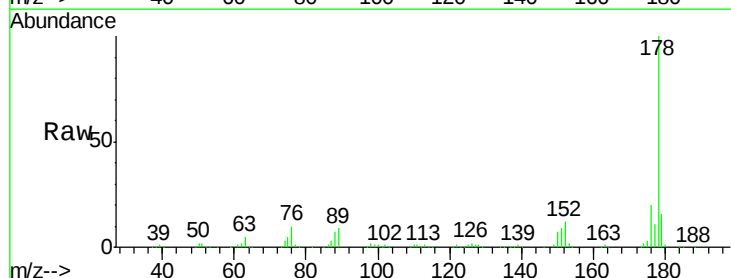


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

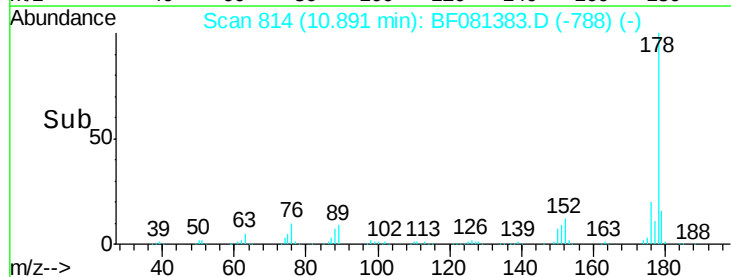
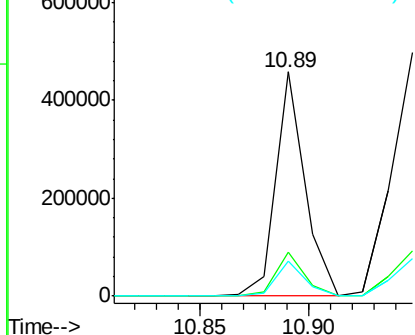


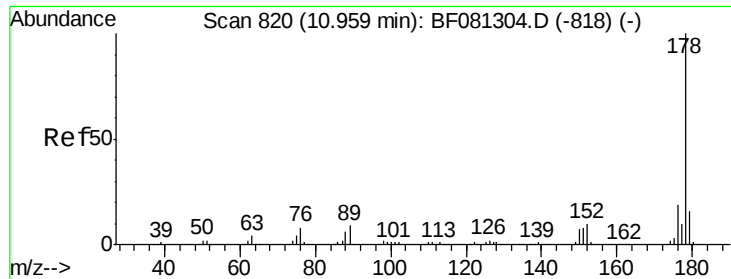
#70  
 Phenanthrene  
 Concen: 36.11 ng  
 RT: 10.89 min Scan# 814  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 13.8  | 20.8  |
| 179     | 15.8  | 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

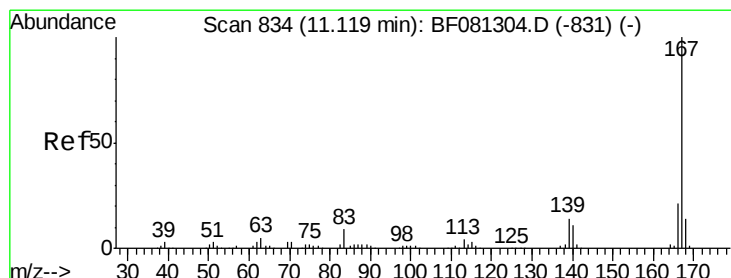
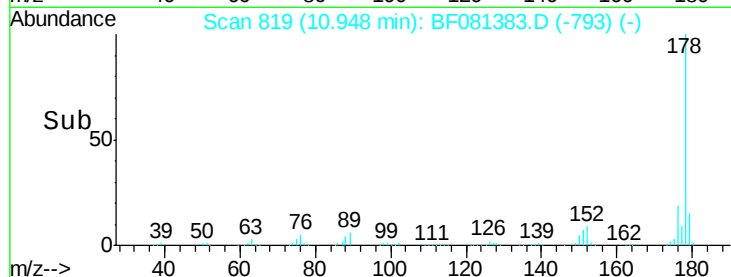
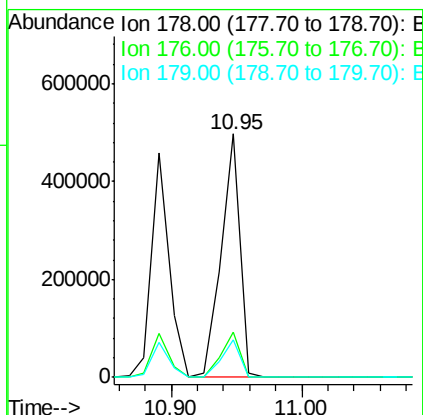
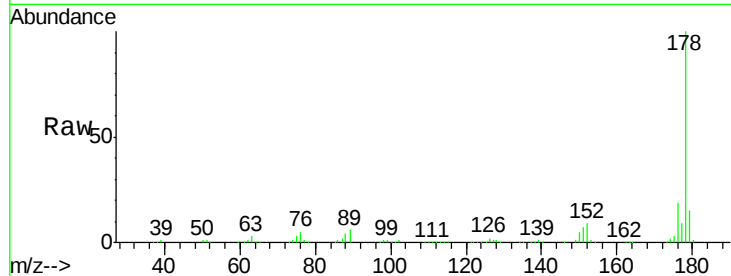




#71  
 Anthracene  
 Concen: 40.92 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

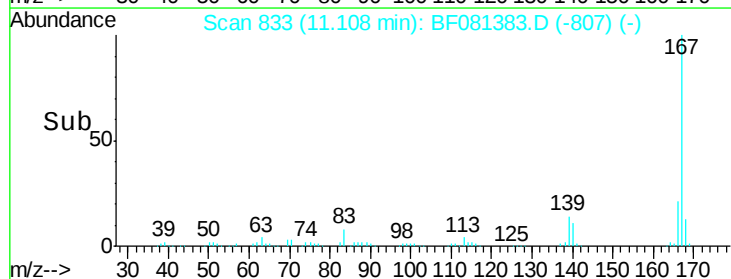
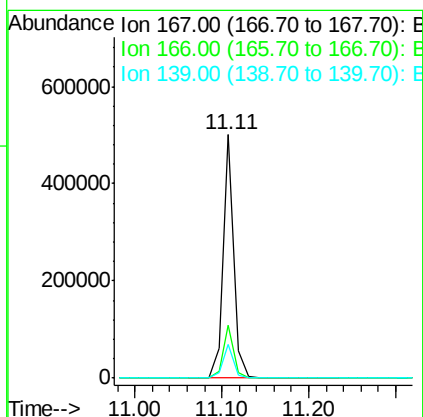
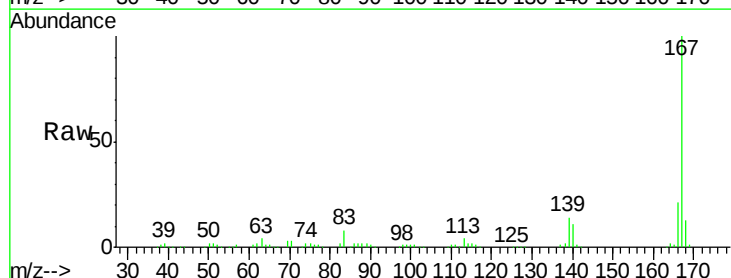
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

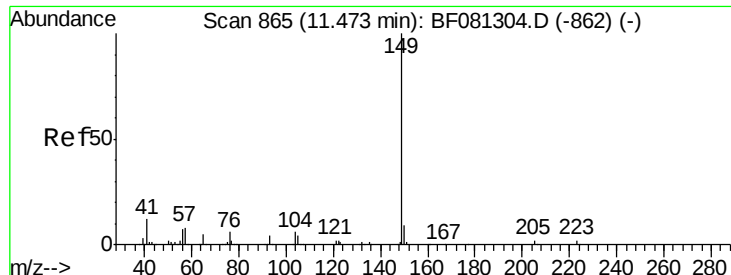
Tot Ion:178 Resp: 502441  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.1 21.1  
 179 15.4 12.2 18.2



#72  
 Carbazole  
 Concen: 37.49 ng  
 RT: 11.11 min Scan# 833  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion:167 Resp: 431939  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 15.7 23.5  
 139 13.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 39.30 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

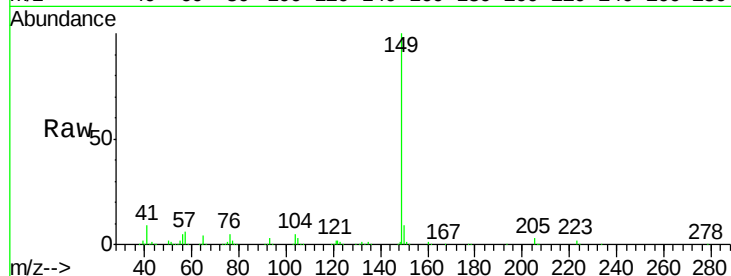
Tot Ion:149 Resp: 534680

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

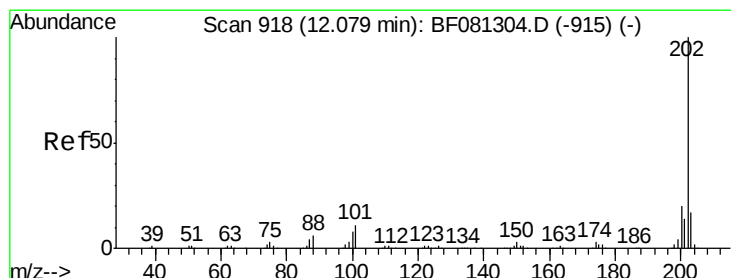
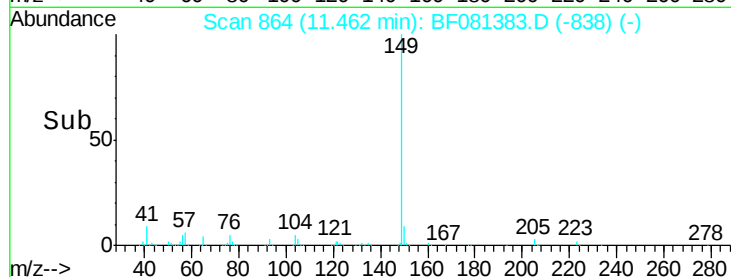
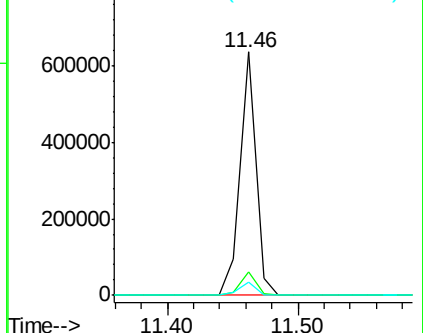
104 5.2 2.4 3.6#



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: 41.08 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

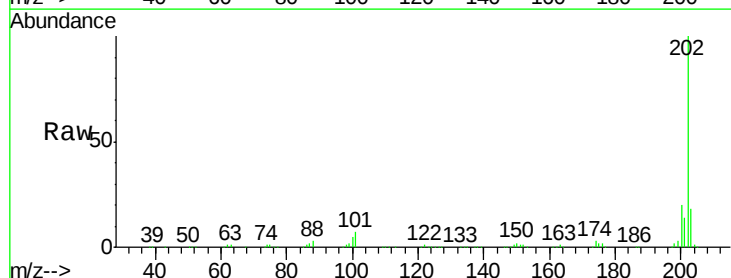
Tgt Ion:202 Resp: 531501

Ion Ratio Lower Upper

202 100

101 6.5 0.0 38.3

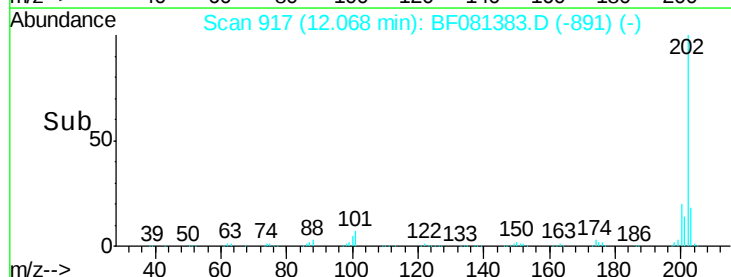
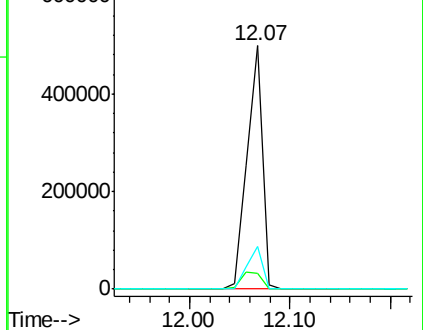
203 17.7 0.0 37.3

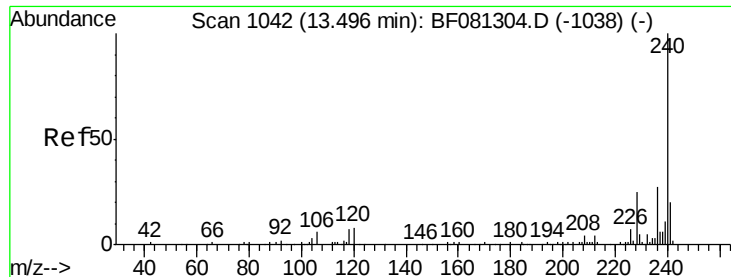


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

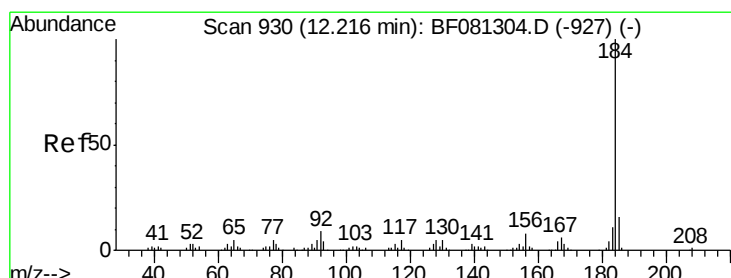
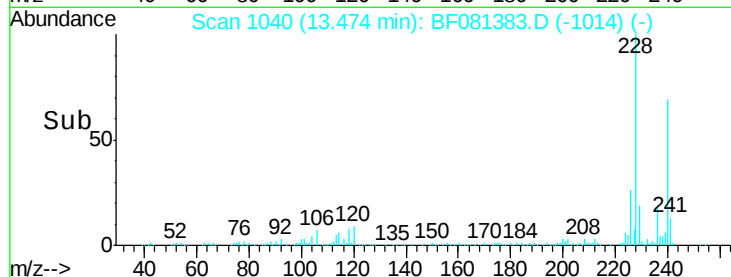
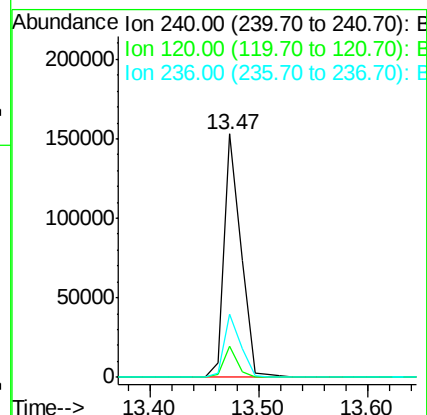
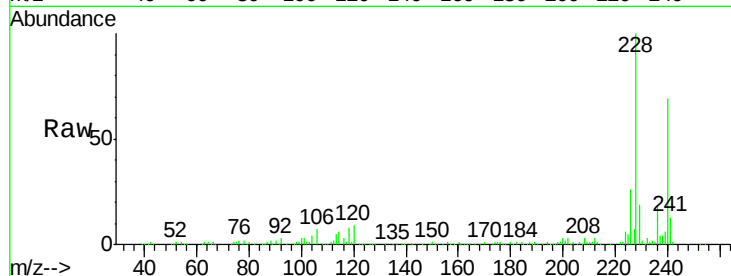




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.47 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

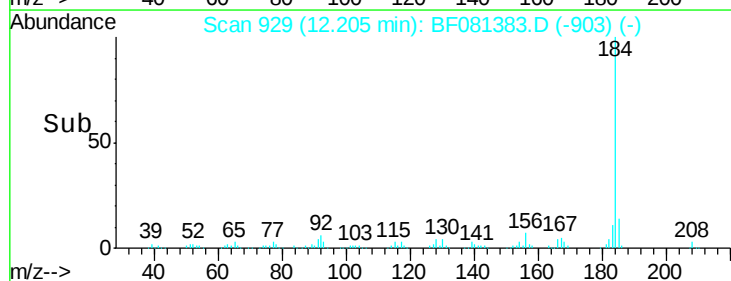
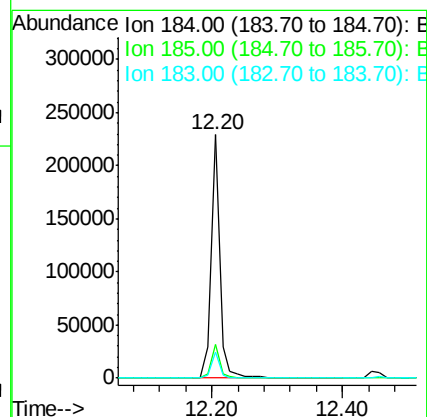
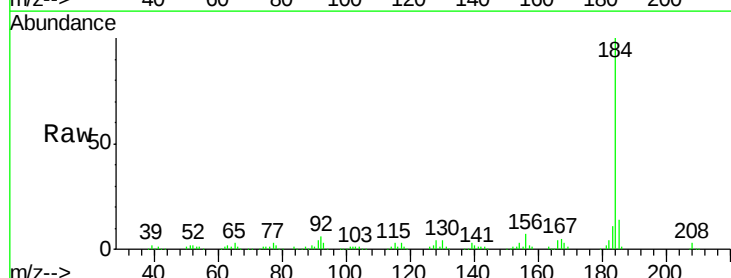
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

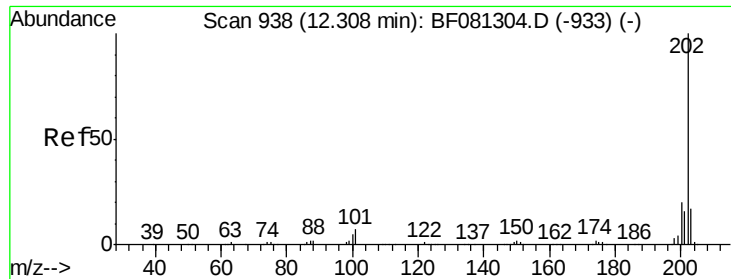
Tot Ion:240 Resp: 166217  
Ion Ratio Lower Upper  
240 100  
120 12.7 16.2 24.2#  
236 26.0 18.4 27.6



#76  
Benzidine  
Concen: 29.57 ng  
RT: 12.20 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:184 Resp: 210990  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.8 17.6  
183 10.5 7.6 11.4

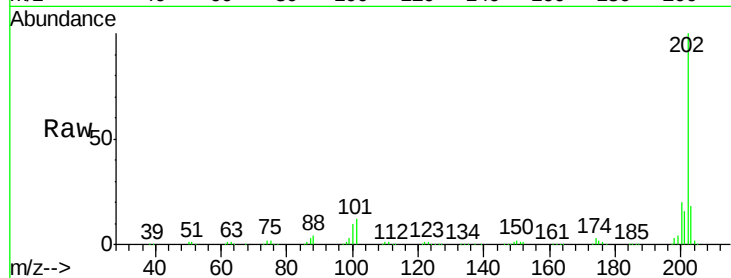




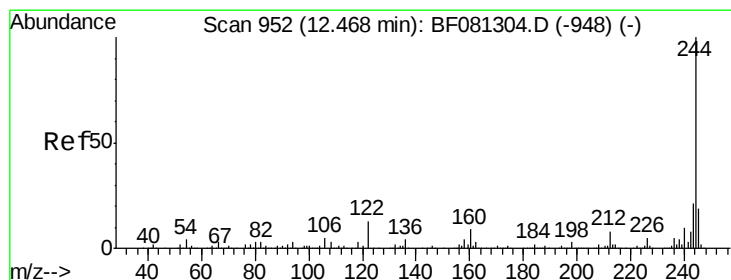
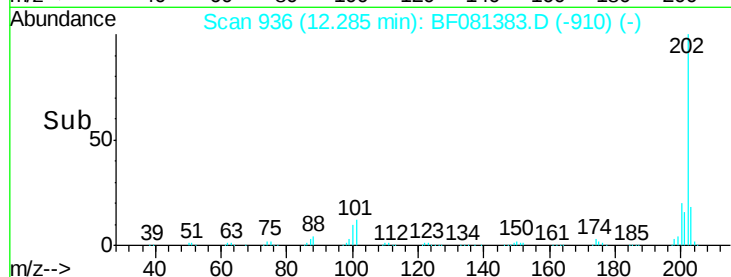
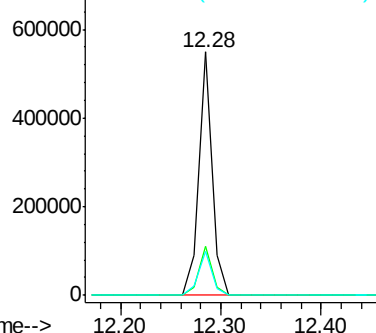
#77  
Pvrene  
Concen: 41.05 ng  
RT: 12.28 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.1  | 15.0  | 22.4  |
| 203     | 18.0  | 14.1  | 21.1  |

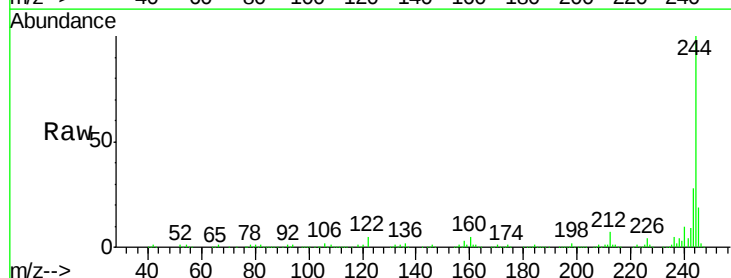


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

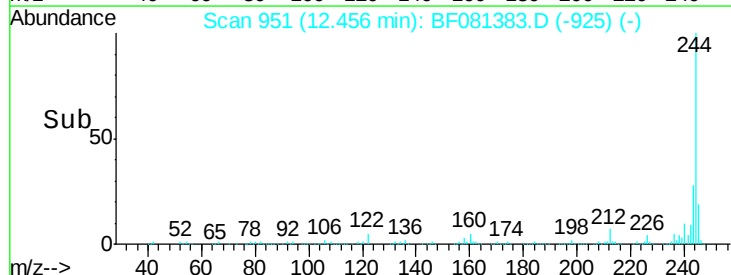
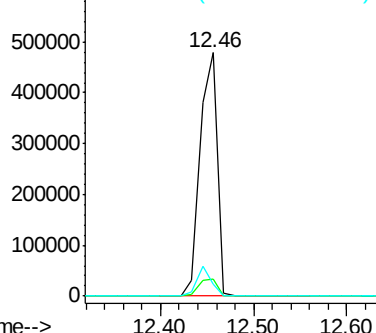


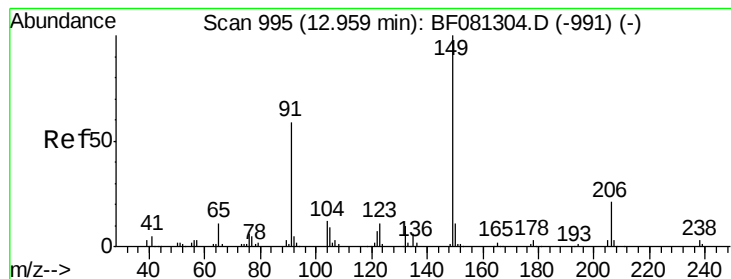
#78  
Terphenyl-d14  
Concen: 86.67 ng  
RT: 12.46 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 4.3   | 6.5#  |
| 122     | 5.1   | 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: 42.69 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

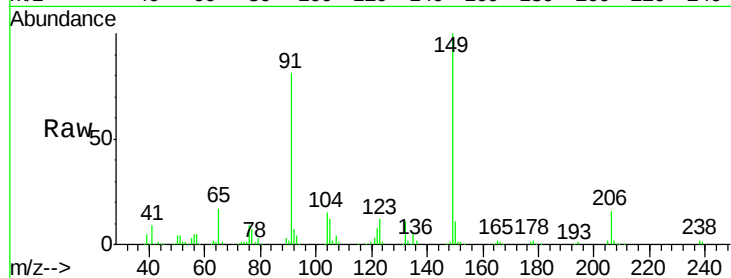
Tot Ion:149 Resp: 228578

Ion Ratio Lower Upper

149 100

91 81.2 48.6 72.8#

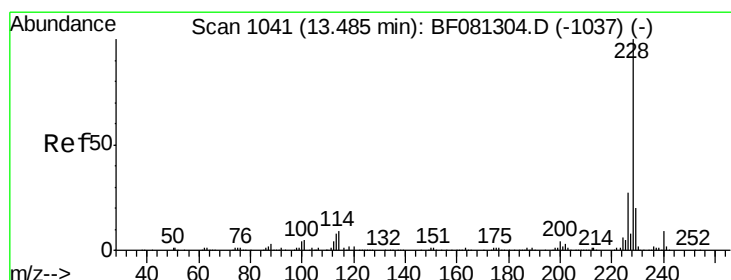
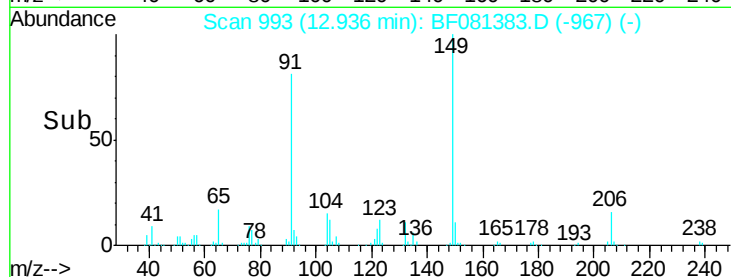
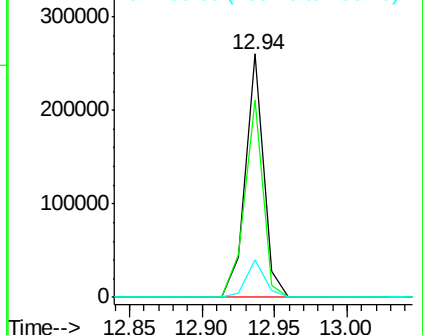
206 15.6 14.9 22.3



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: 39.17 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

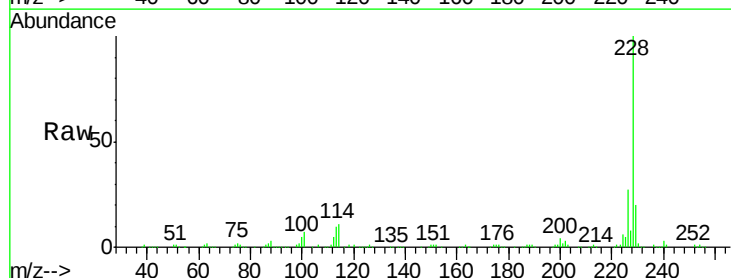
Tgt Ion:228 Resp: 414607

Ion Ratio Lower Upper

228 100

226 27.1 20.0 30.0

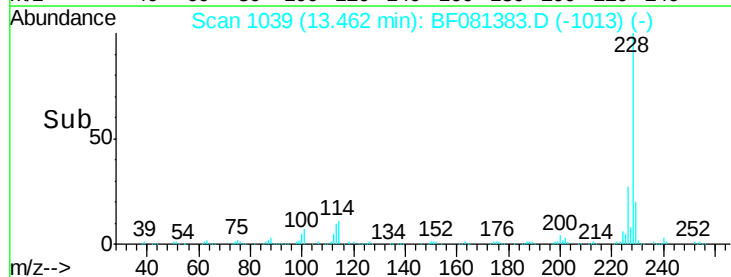
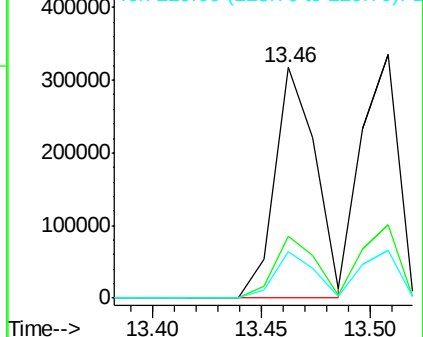
229 20.1 15.4 23.2

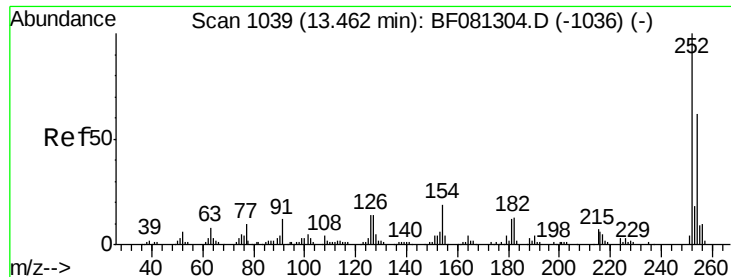


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

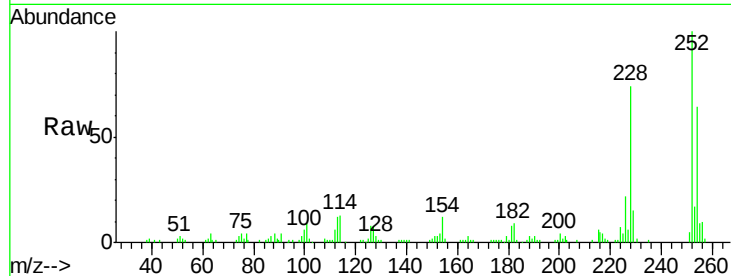




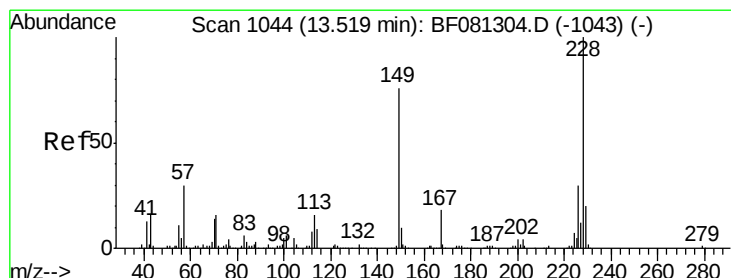
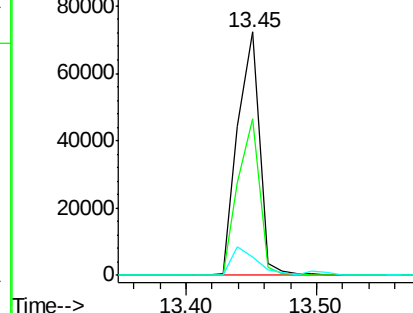
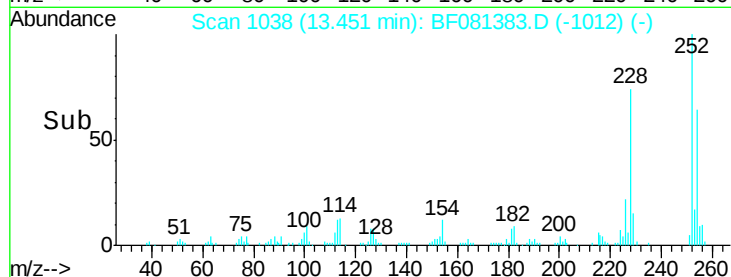
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.56 ng  
 RT: 13.45 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85348BS

Tot Ion:252 Resp: 84137  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 51.4 77.2  
 126 7.7 16.4 24.6#

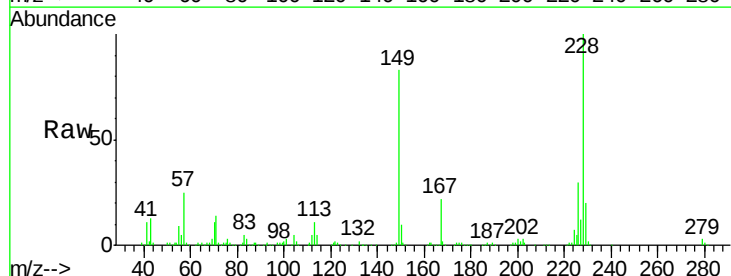


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

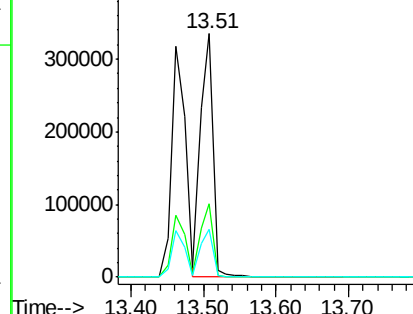
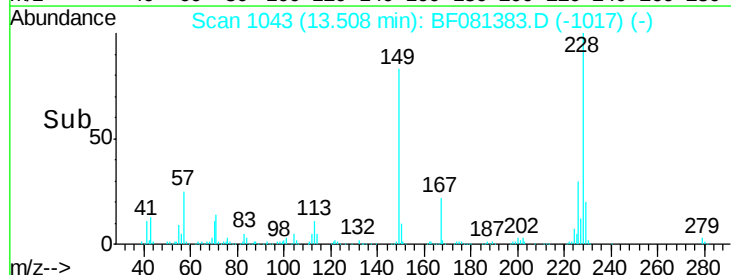


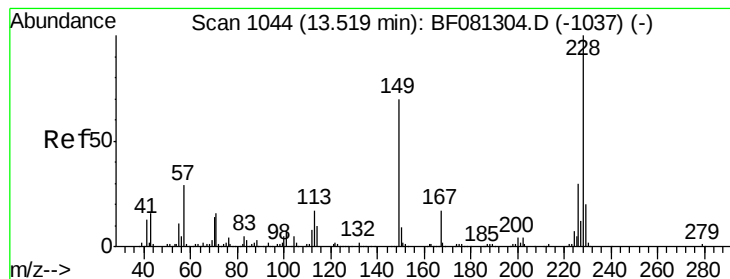
#82  
 Chrysene  
 Concen: 42.86 ng  
 RT: 13.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BF081383.D  
 Acq: 3 Sep 2015 18:40

Tgt Ion:228 Resp: 406722  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 21.0 31.4  
 229 19.6 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.45 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

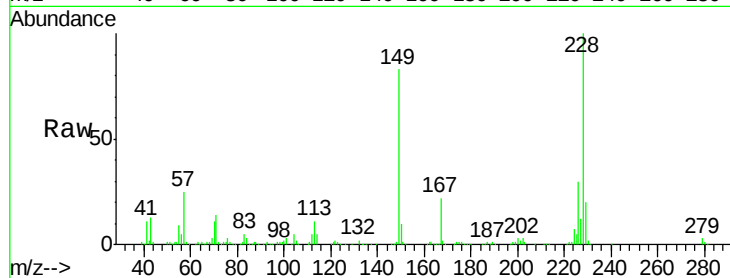
Tot Ion:149 Resp: 292926

Ion Ratio Lower Upper

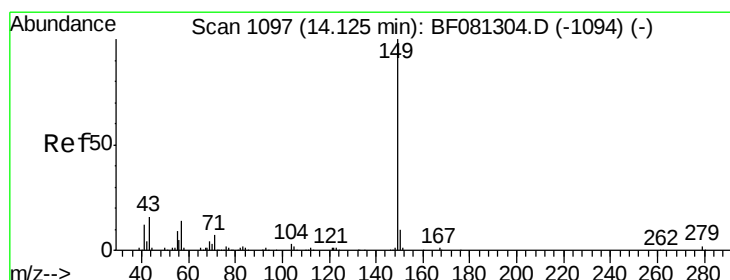
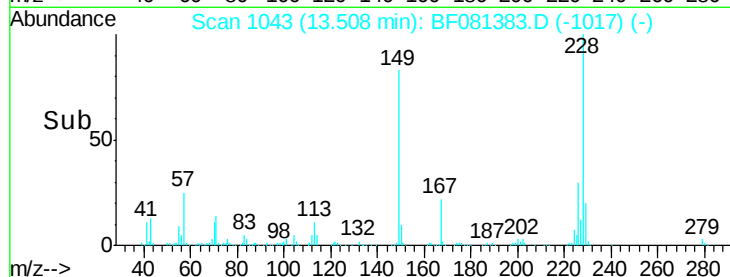
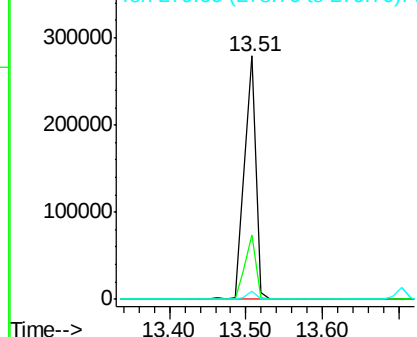
149 100

167 26.6 24.2 36.2

279 3.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.37 ng

RT: 14.11 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

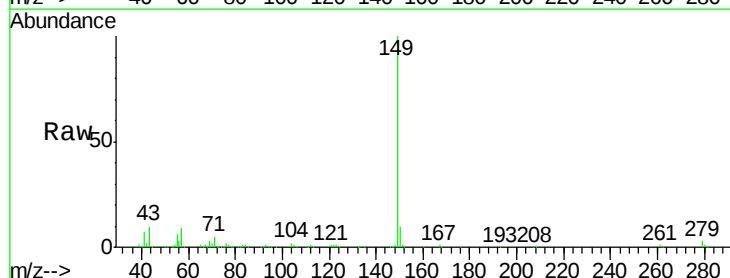
Tgt Ion:149 Resp: 446452

Ion Ratio Lower Upper

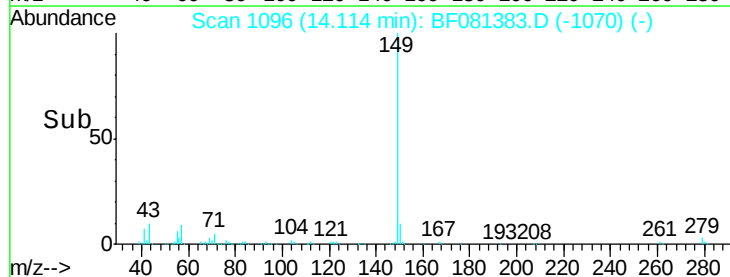
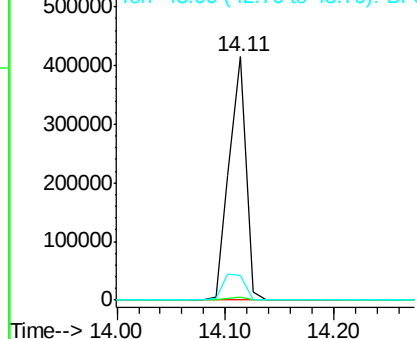
149 100

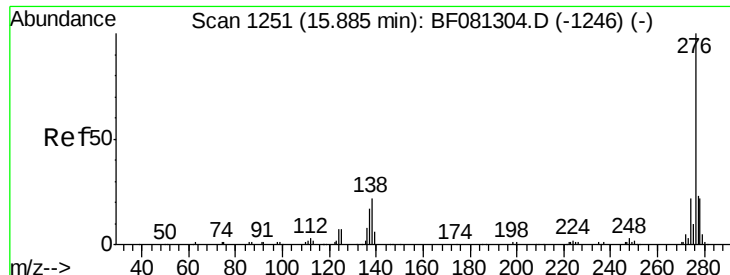
167 1.4 1.0 1.6

43 13.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0

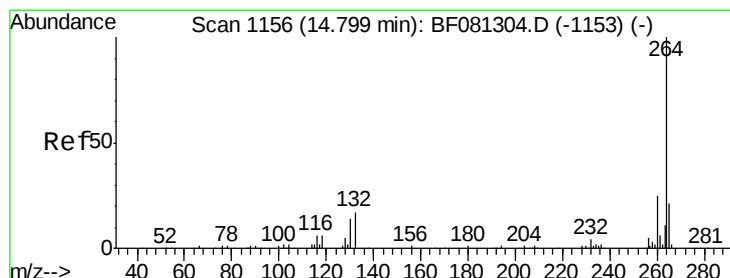
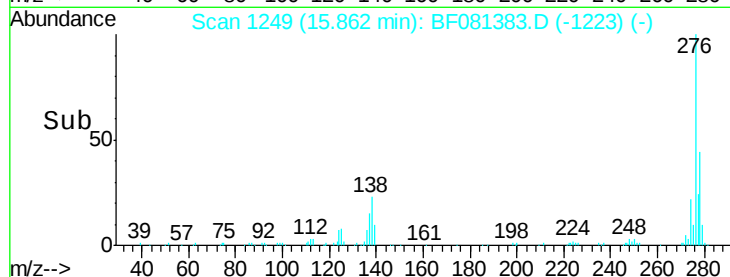
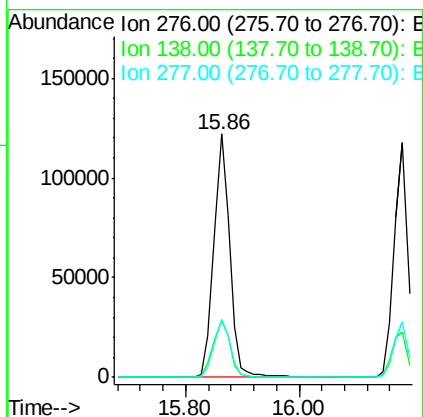
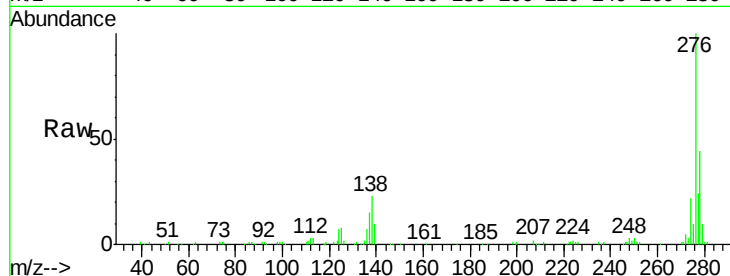




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 34.08 ng  
RT: 15.86 min Scan# 1249  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

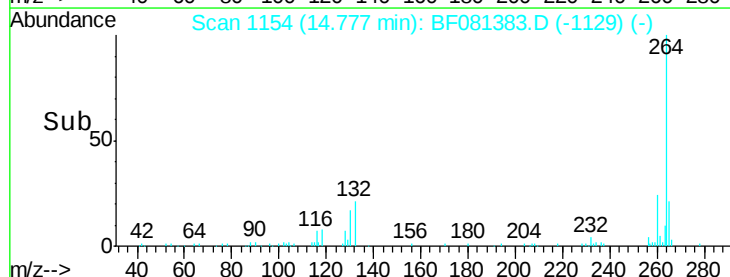
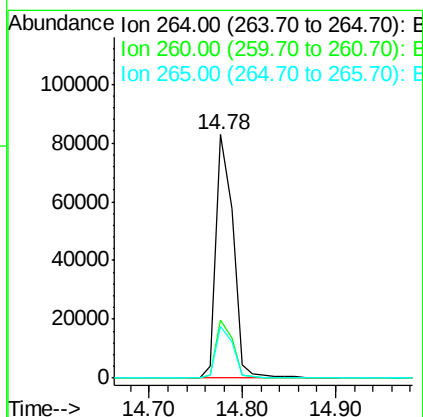
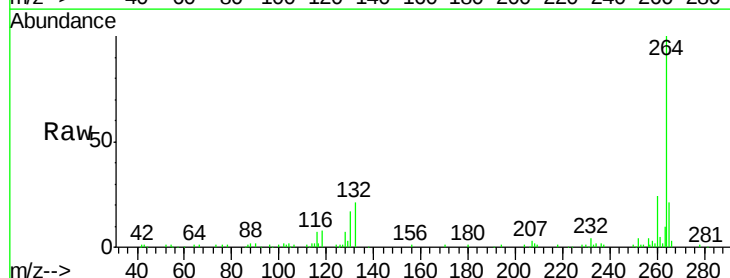
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

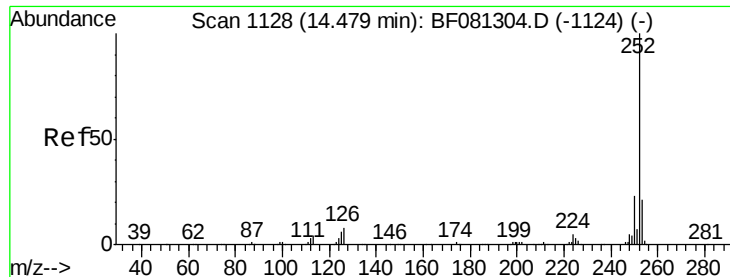
Tot Ion:276 Resp: 237255  
Ion Ratio Lower Upper  
276 100  
138 24.9 25.7 38.5#  
277 24.1 15.6 23.4#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.78 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:264 Resp: 105045  
Ion Ratio Lower Upper  
264 100  
260 23.7 16.7 25.1  
265 21.2 17.2 25.8

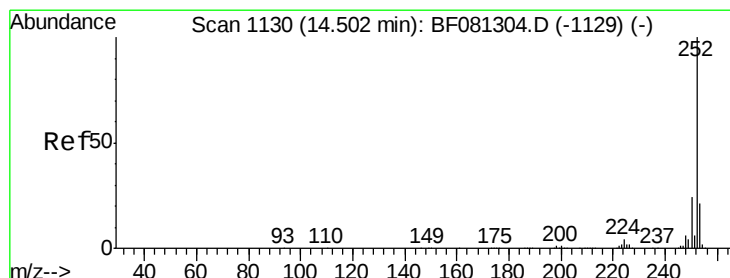
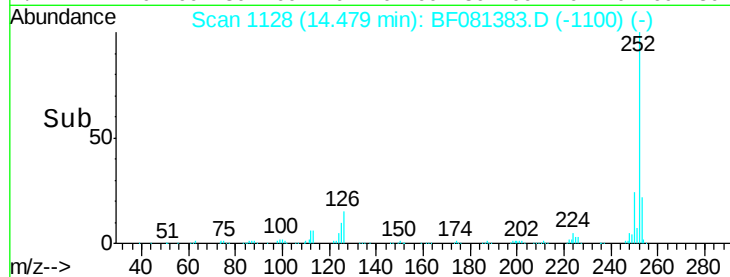
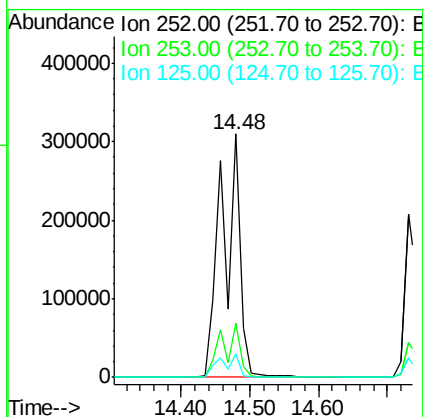
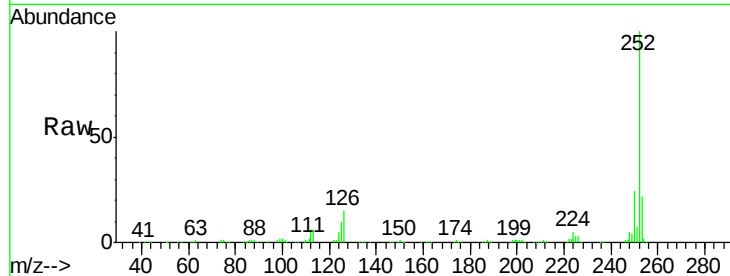




#87  
Benzo(b)fluoranthene  
Concen: 78.24 ng  
RT: 14.48 min Scan# 1128  
Delta R.T. 0.02 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

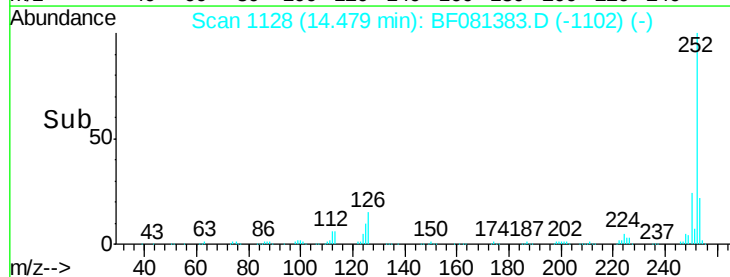
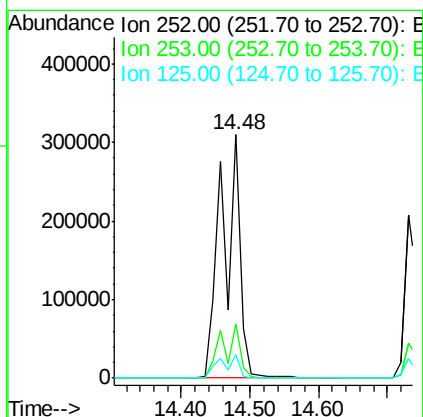
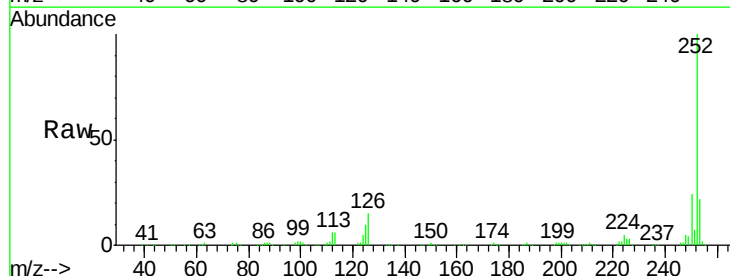
Instrument :  
BNA\_F  
ClientSampleId :  
PB85348BS

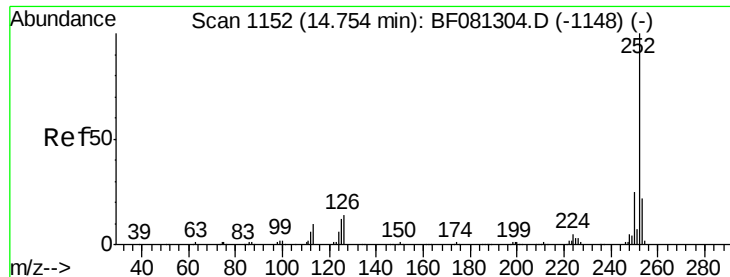
Tot Ion:252 Resp: 586786  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.7 17.1 25.7#



#88  
Benzo(k)fluoranthene  
Concen: 94.30 ng  
RT: 14.48 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: BF081383.D  
Acq: 3 Sep 2015 18:40

Tgt Ion:252 Resp: 586786  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.0 25.4  
125 9.7 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.03 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampled :

PB85348BS

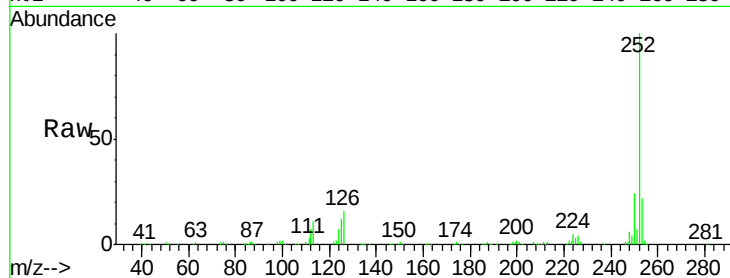
Tot Ion:252 Resp: 260745

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

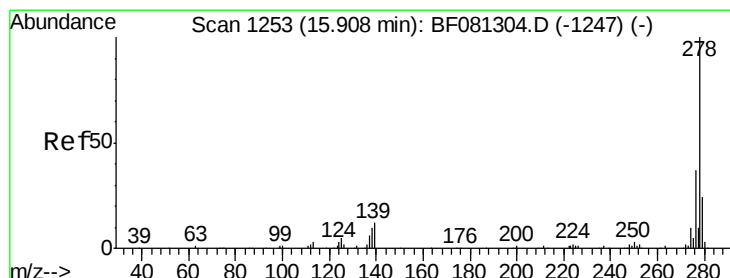
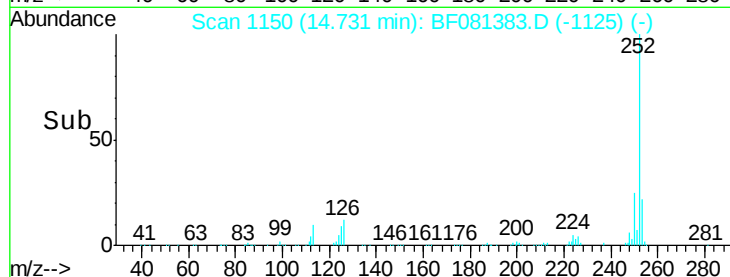
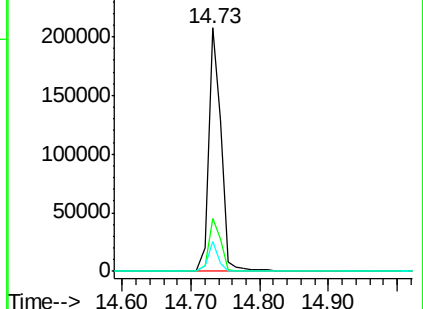
125 12.1 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.03 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

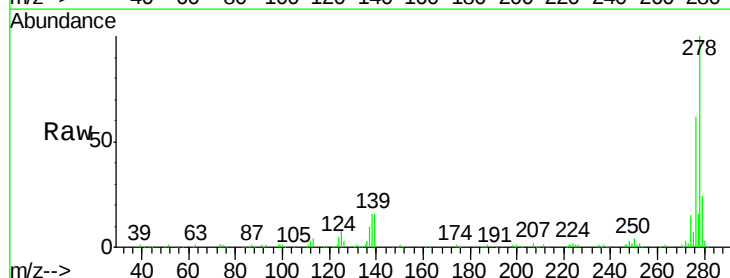
Tgt Ion:278 Resp: 196590

Ion Ratio Lower Upper

278 100

139 15.8 26.3 39.5#

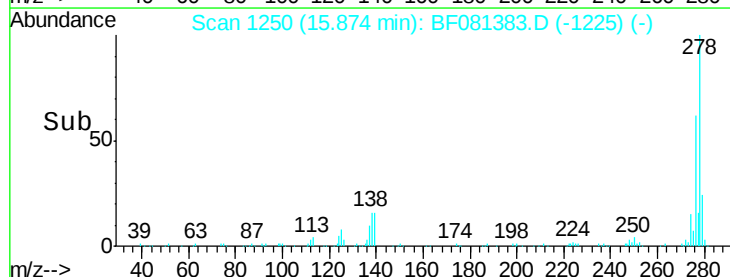
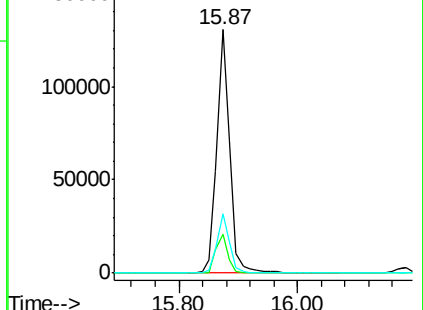
279 24.4 18.2 27.4

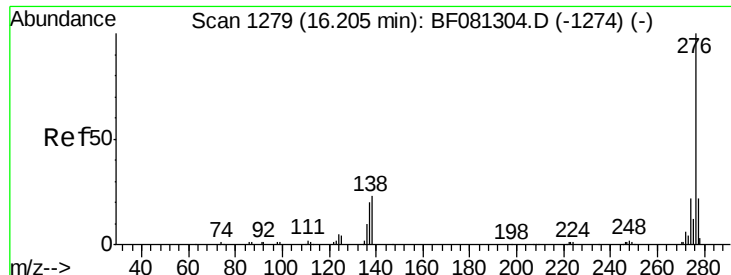


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.54 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF081383.D

Acq: 3 Sep 2015 18:40

Instrument :

BNA\_F

ClientSampleId :

PB85348BS

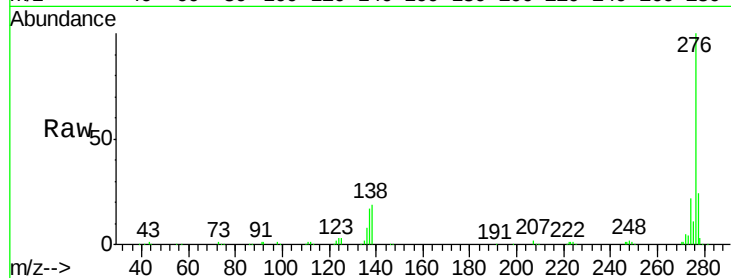
Tot Ion:276 Resp: 199395

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 19.3 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

