

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\  
 Data File : BF083232.D  
 Acq On : 24 Nov 2015 12:46  
 Operator : UM/IZ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 24 15:12:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 181066   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 7.91  | 136  | 720977   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.66  | 164  | 354564   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 11.13 | 188  | 666542   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 13.76 | 240  | 503635   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.12 | 264  | 376747   | 20.00 | ng    | -0.05    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.20  | 112 | 965509  | 80.62 | ng | -0.08 |
| 7) Phenol-d6                | 6.28  | 99  | 1279925 | 82.60 | ng | -0.06 |
| 23) Nitrobenzene-d5         | 7.19  | 82  | 1197219 | 75.88 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol    | 10.44 | 330 | 281873  | 77.71 | ng | -0.05 |
| 44) 2-Fluorobiphenyl        | 8.99  | 172 | 1981829 | 77.94 | ng | -0.03 |
| 78) Terphenyl-d14           | 12.72 | 244 | 1737726 | 81.25 | ng | -0.05 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.04 | 88  | 208243  | 35.10 | ng | # 81   |
| 4) n-Nitrosodimethylamine      | 2.64 | 42  | 342122  | 47.34 | ng | 91     |
| 6) Aniline                     | 6.28 | 93  | 890832  | 47.04 | ng | 91     |
| 8) 2-Chlorophenol              | 6.41 | 128 | 517192  | 39.97 | ng | 83     |
| 9) Benzaldehyde                | 6.15 | 77  | 332189  | 44.05 | ng | 90     |
| 10) Phenol                     | 6.30 | 94  | 782638  | 41.75 | ng | 81     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 560255  | 41.85 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 574206  | 38.87 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 587596  | 39.32 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 563186  | 41.46 | ng | 99     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 504253  | 38.94 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 1015548 | 48.65 | ng | # 63   |
| 17) 2-Methylphenol             | 6.90 | 107 | 430442  | 40.20 | ng | 96     |
| 18) Hexachloroethane           | 7.13 | 117 | 214899  | 40.82 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 507185  | 47.03 | ng | # 96   |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 588368  | 43.47 | ng | 95     |
| 22) Acetophenone               | 7.04 | 105 | 802646  | 38.78 | ng | # 98   |
| 24) Nitrobenzene               | 7.21 | 77  | 710480  | 42.14 | ng | 95     |
| 25) Isophorone                 | 7.45 | 82  | 1162490 | 38.91 | ng | 98     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 285974  | 38.42 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 478973  | 40.32 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 641318  | 36.92 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 442325  | 39.15 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 492867  | 39.72 | ng | 97     |
| 31) Naphthalene                | 7.93 | 128 | 1506609 | 38.72 | ng | 100    |
| 32) Benzoic acid               | 7.78 | 122 | 32176   | 3.48  | ng | 90     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 627996  | 41.60 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 287906  | 39.26 | ng | 99     |
| 35) Caprolactam                | 8.49 | 113 | 13927   | 3.85  | ng | # 9    |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 492228  | 37.61 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 924880  | 36.62 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.79 | 216 | 459214  | 39.96 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.78 | 237 | 236200  | 36.15 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 8.91 | 196 | 317869  | 38.62 | ng | 96     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\  
 Data File : BF083232.D  
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 Operator : UM/IZ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

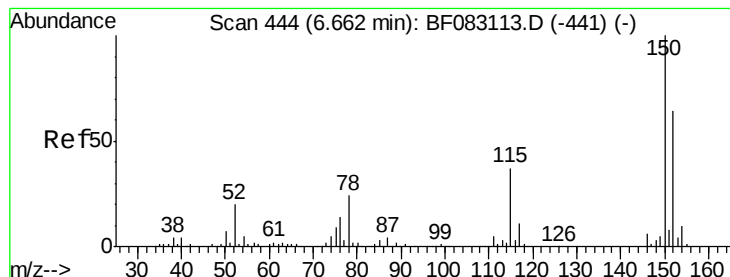
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 24 15:12:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 319213   | 37.93 | nq    | # 80     |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 1185106  | 39.27 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 949179   | 40.04 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 361022   | 43.06 | nq    | 96       |
| 48) Acenaphthylene             | 9.52  | 152  | 1526263  | 41.55 | nq    | 99       |
| 49) Dimethylphthalate          | 9.39  | 163  | 1052753  | 38.57 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.45  | 165  | 220843   | 36.06 | nq    | 92       |
| 51) Acenaphthene               | 9.69  | 154  | 874090   | 39.10 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.62  | 138  | 255417   | 39.11 | nq    | # 63     |
| 53) 2,4-Dinitrophenol          | 9.72  | 184  | 119351   | 33.82 | nq    | # 84     |
| 54) Dibenzofuran               | 9.86  | 168  | 1289248  | 40.78 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 197759   | 39.49 | nq    | # 76     |
| 56) 2,4-Dinitrotoluene         | 9.85  | 165  | 295057   | 38.02 | nq    | 94       |
| 57) Fluorene                   | 10.20 | 166  | 1044465  | 39.98 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 275523   | 39.91 | nq    | 98       |
| 59) Diethylphthalate           | 10.09 | 149  | 1015780  | 37.38 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.20 | 204  | 440550   | 36.82 | nq    | # 76     |
| 61) 4-Nitroaniline             | 10.24 | 138  | 275818   | 42.90 | nq    | 92       |
| 62) Azobenzene                 | 10.35 | 77   | 1229611  | 39.65 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 178376   | 38.84 | nq    | # 77     |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 860896   | 37.98 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 293284   | 39.65 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.75 | 284  | 318241   | 39.07 | nq    | # 79     |
| 68) Atrazine                   | 10.86 | 200  | 266895   | 40.54 | nq    | 99       |
| 69) Pentachlorophenol          | 10.95 | 266  | 183723   | 34.63 | nq    | 99       |
| 70) Phenanthrene               | 11.15 | 178  | 1423961  | 37.08 | nq    | 99       |
| 71) Anthracene                 | 11.21 | 178  | 1577953  | 40.27 | nq    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 1393083  | 40.00 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.71 | 149  | 1699380  | 39.98 | nq    | 99       |
| 74) Fluoranthene               | 12.34 | 202  | 1563928  | 39.79 | nq    | 95       |
| 76) Benzdine                   | 12.47 | 184  | 582788   | 44.15 | nq    | 98       |
| 77) Pyrene                     | 12.56 | 202  | 1488513  | 43.26 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.20 | 149  | 650472   | 39.94 | nq    | 95       |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 1232438  | 39.57 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 431124   | 39.77 | nq    | # 98     |
| 82) Chrysene                   | 13.79 | 228  | 1143094  | 39.57 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.77 | 149  | 786254   | 36.97 | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 14.38 | 149  | 1114246  | 30.43 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 1025688  | 39.04 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.78 | 252  | 1752336  | 68.07 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 14.78 | 252  | 1752336  | 91.37 | nq    | # 98     |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 821142   | 38.64 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 16.39 | 278  | 857674   | 44.43 | nq    | 99       |
| 91) Benzo(q,h,i)perylene       | 16.74 | 276  | 875412   | 46.45 | nq    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

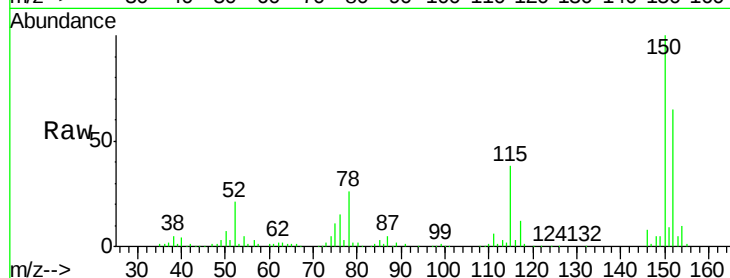
Tot Ion:152 Resp: 181066

Ion Ratio Lower Upper

152 100

150 153.3 125.8 188.8

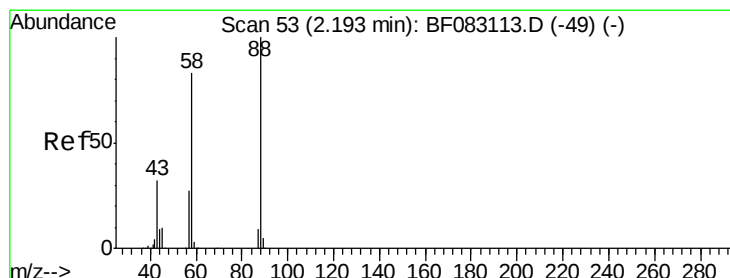
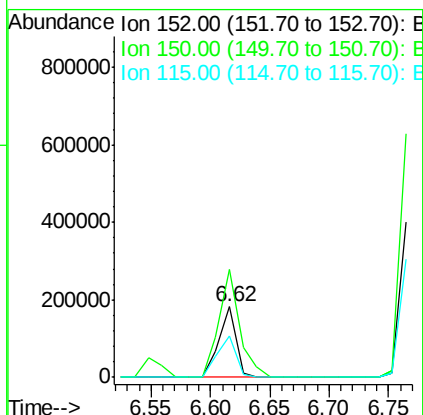
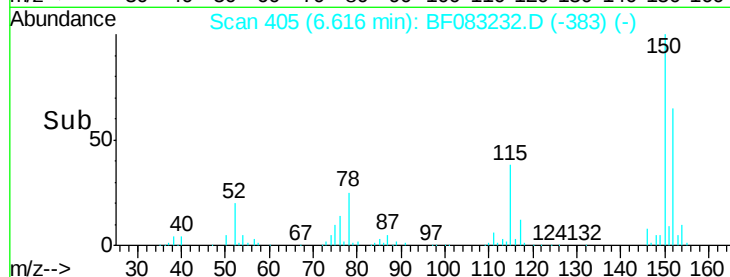
115 58.5 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.10 ng

RT: 2.04 min Scan# 5

Delta R.T. -0.15 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

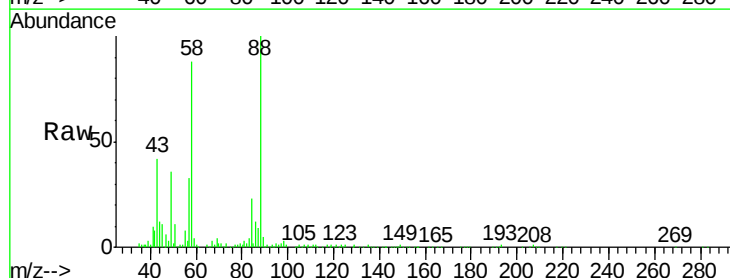
Tgt Ion: 88 Resp: 208243

Ion Ratio Lower Upper

88 100

58 87.6 65.0 97.6

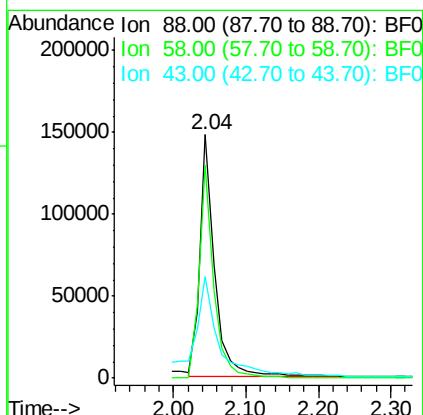
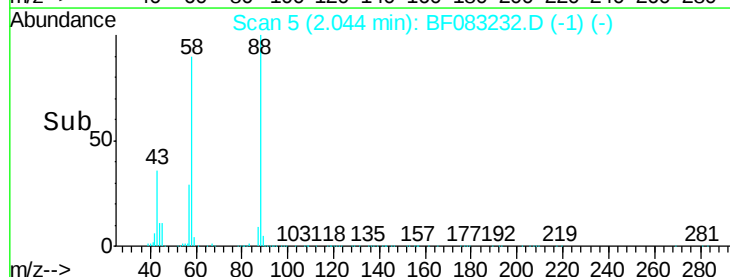
43 59.3 24.7 37.1#

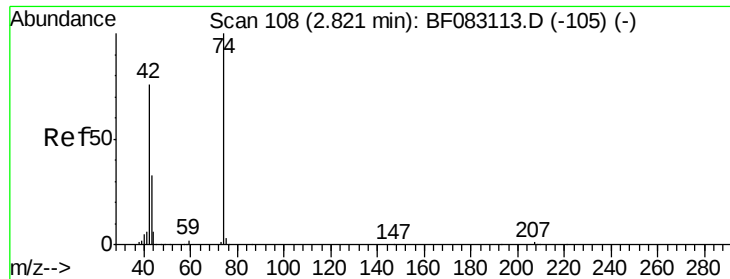


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



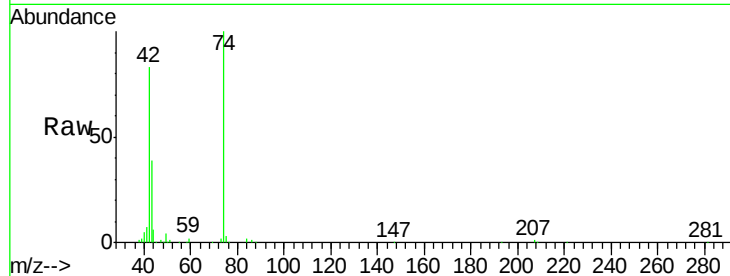


#4

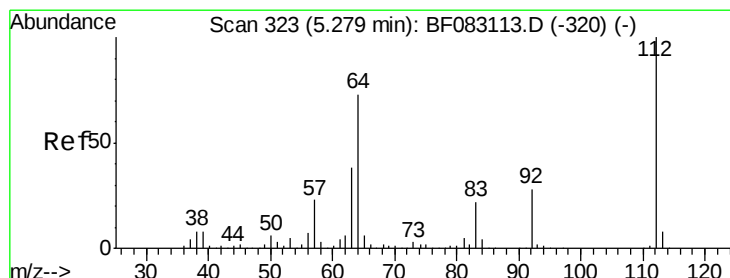
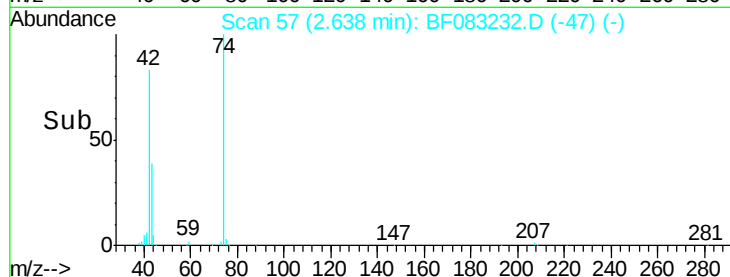
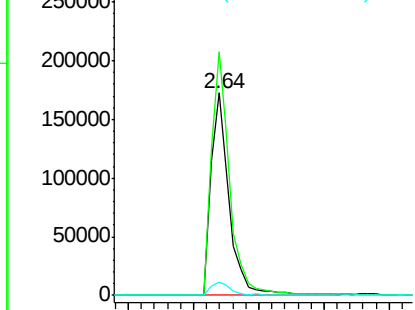
n-Nitrosodimethylamine  
Concen: 47.34 ng  
RT: 2.64 min Scan# 57  
Delta R.T. -0.18 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 42 Resp: 342122  
Ion Ratio Lower Upper  
42 100  
74 120.2 104.8 157.2  
44 6.6 6.2 9.4



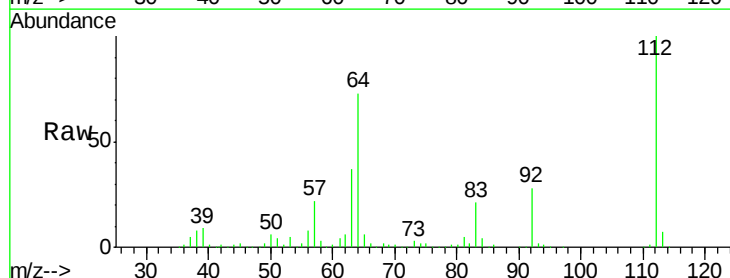
Abundance Ion 42.00 (41.70 to 42.70): BF0  
Ion 74.00 (73.70 to 74.70): BF0  
Ion 44.00 (43.70 to 44.70): BF0



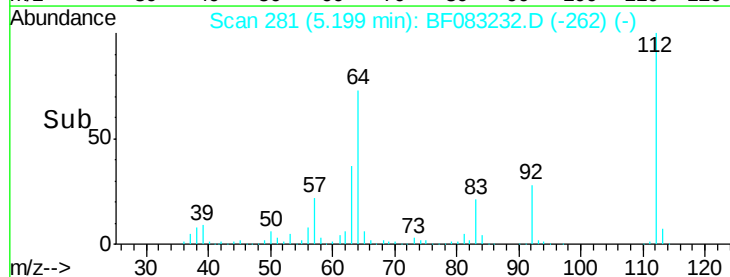
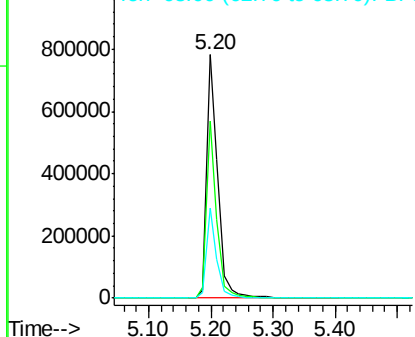
#5

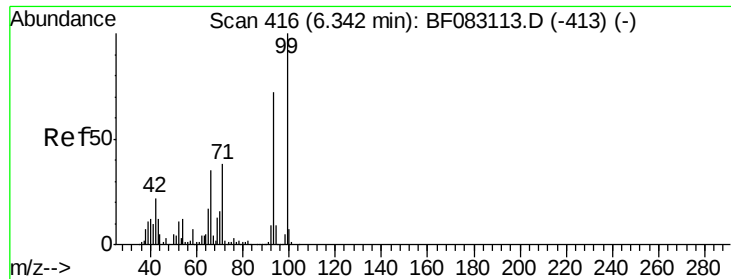
2-Fluorophenol  
Concen: 80.62 ng  
RT: 5.20 min Scan# 281  
Delta R.T. -0.08 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion: 112 Resp: 965509  
Ion Ratio Lower Upper  
112 100  
64 72.6 58.4 87.6  
63 36.9 30.0 45.0



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: 47.04 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

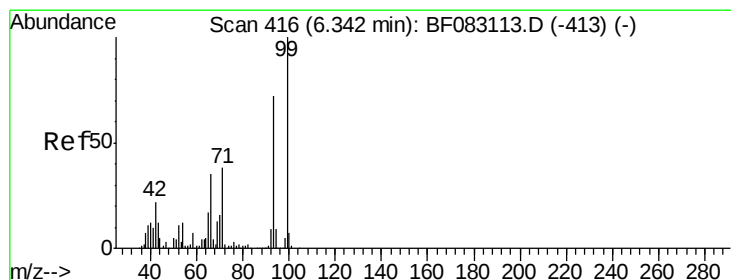
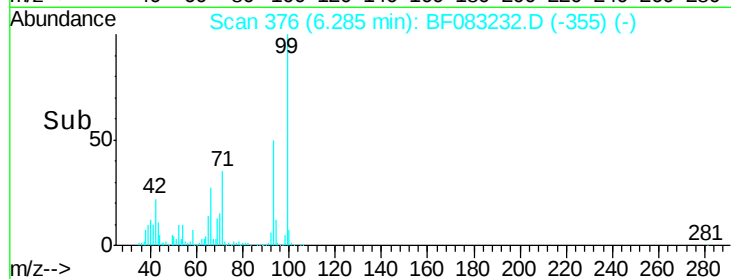
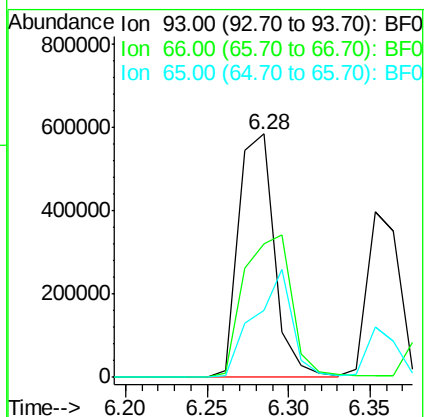
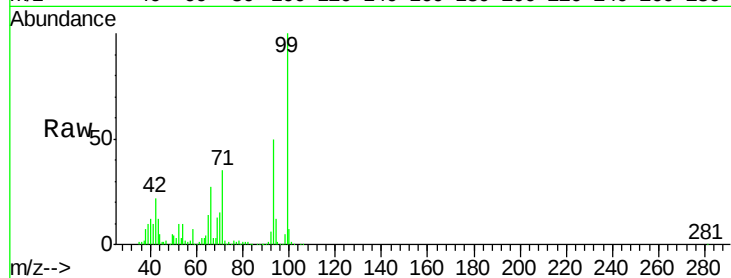
Tot Ion: 93 Resp: 890832

Ion Ratio Lower Upper

93 100

66 54.9 38.7 58.1

65 27.3 18.6 27.8



#7

Phenol-d6

Concen: 82.60 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

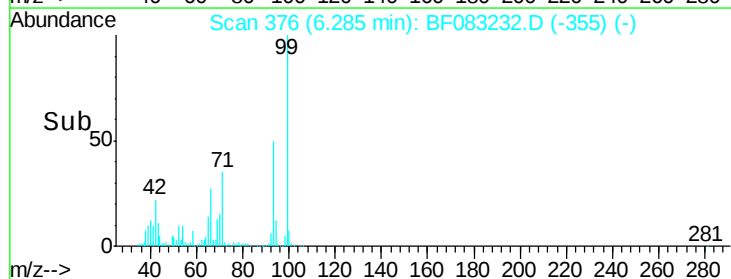
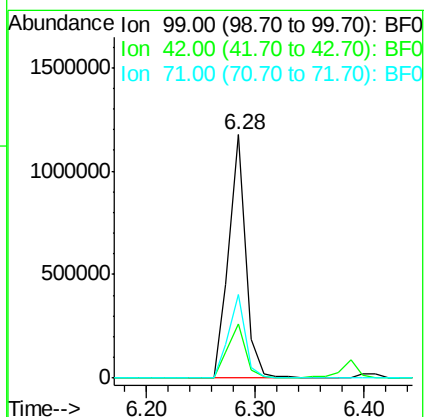
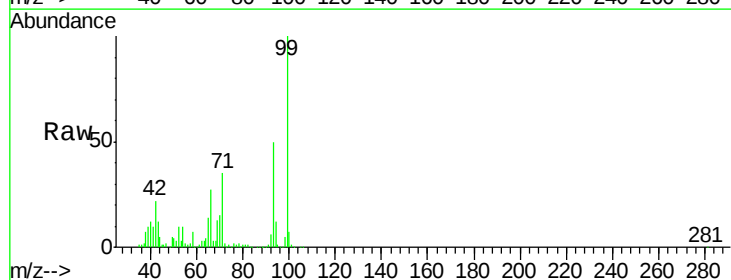
Tgt Ion: 99 Resp: 1279925

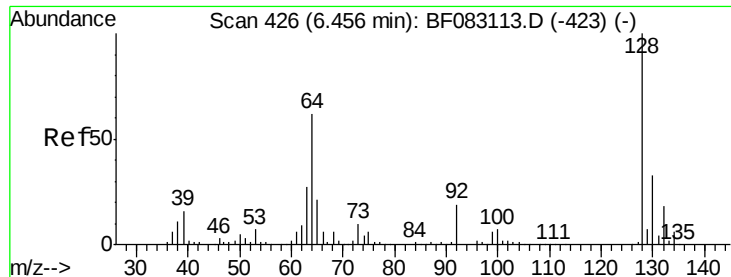
Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

71 34.5 30.2 45.4





#8

2-Chlorophenol

Concen: 39.97 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampled :

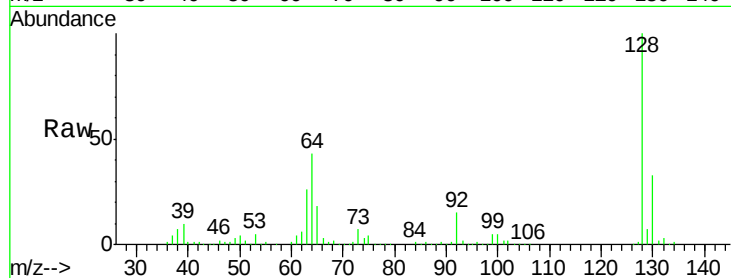
Tot Ion:128 Resp: 517192

Ion Ratio Lower Upper

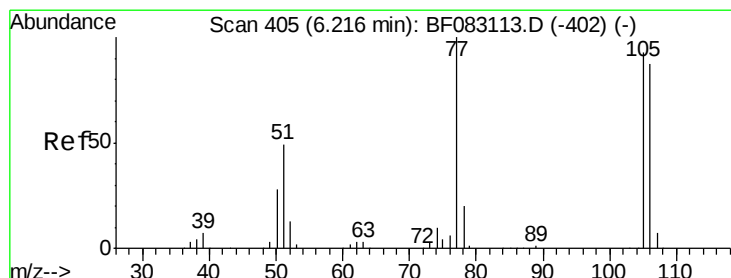
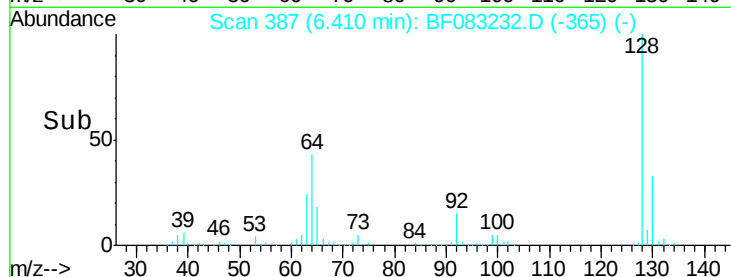
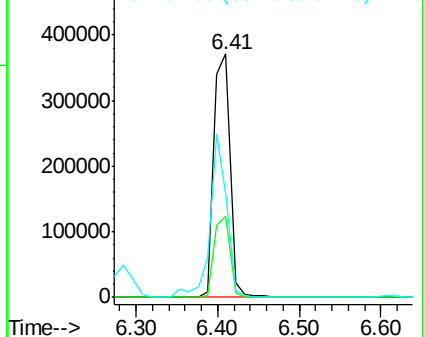
128 100

130 33.3 12.6 52.6

64 42.9 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 44.05 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

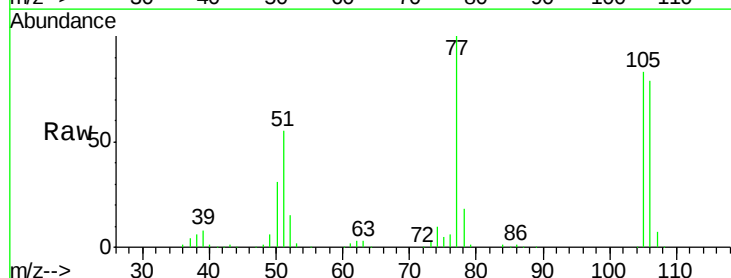
Tgt Ion: 77 Resp: 332189

Ion Ratio Lower Upper

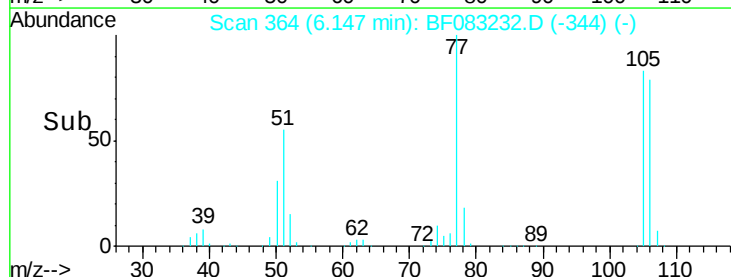
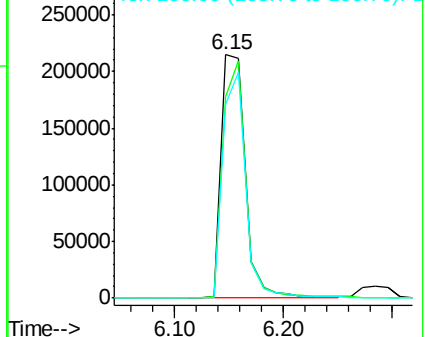
77 100

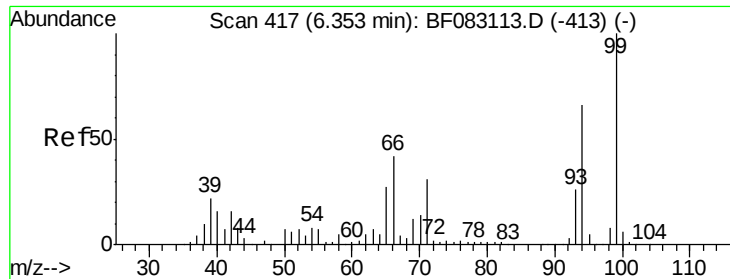
105 82.9 73.4 113.4

106 79.4 67.5 107.5



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





#10

Phenol

Concen: 41.75 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

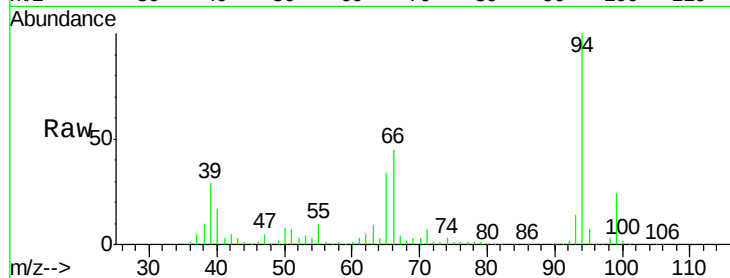
Tot Ion: 94 Resp: 782638

Ion Ratio Lower Upper

94 100

65 34.0 21.1 61.1

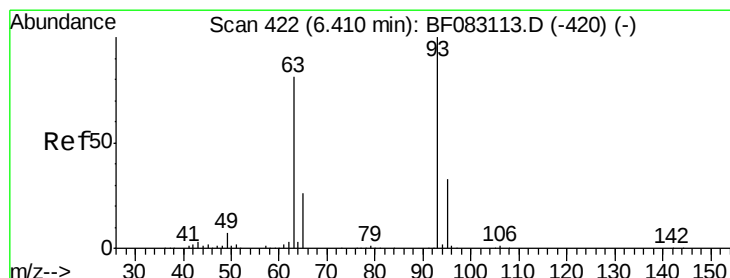
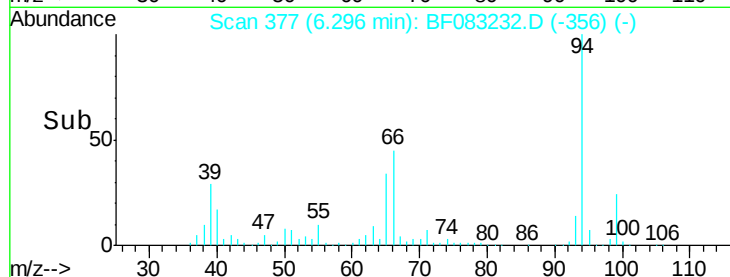
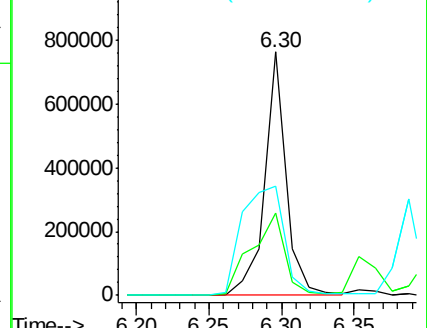
66 44.9 43.1 83.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 41.85 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

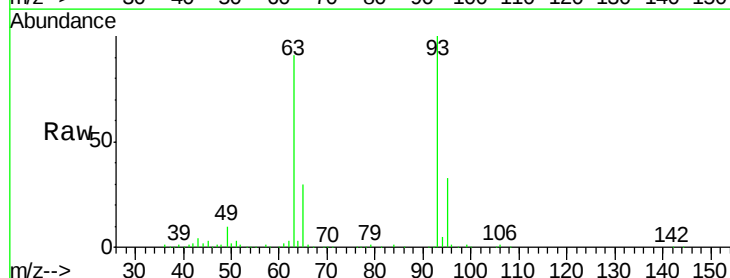
Tgt Ion: 93 Resp: 560255

Ion Ratio Lower Upper

93 100

63 91.4 59.8 99.8

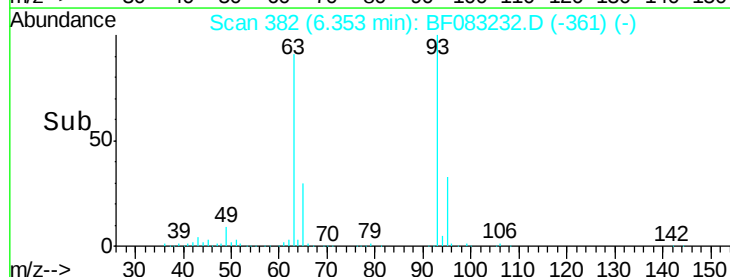
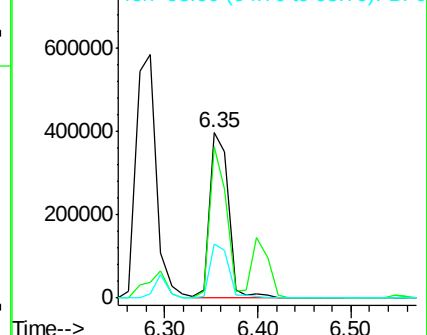
95 32.8 13.0 53.0

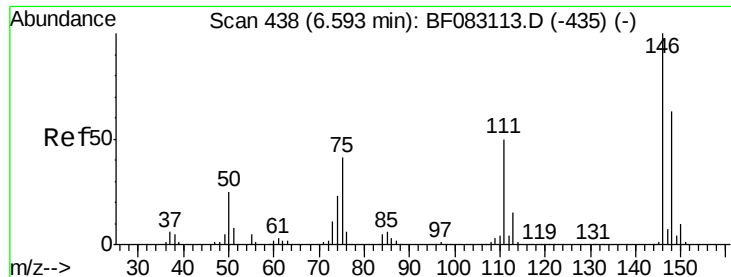


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

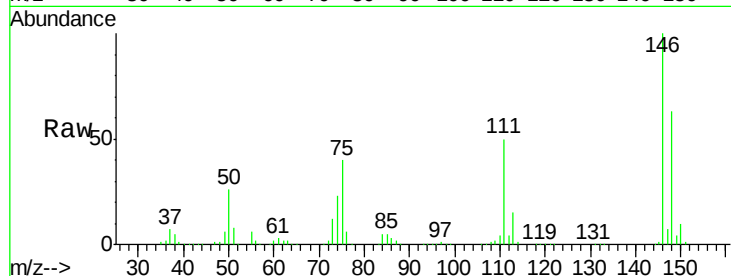




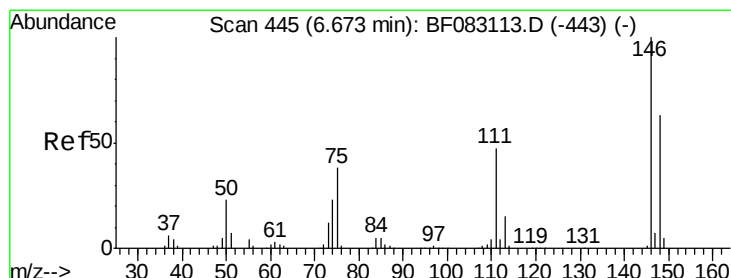
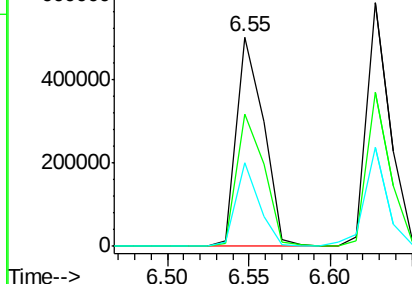
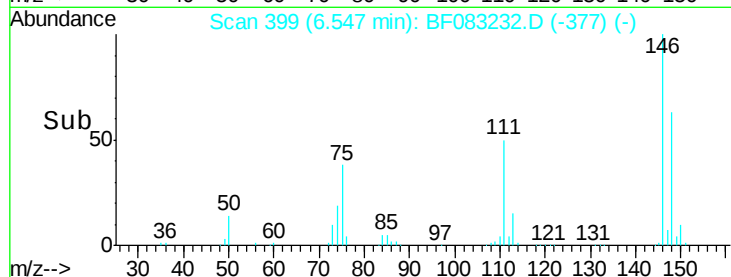
#12  
 1,3-Dichlorobenzene  
 Concen: 38.87 ng  
 RT: 6.55 min Scan# 399  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.2  | 75.2  |
| 75      | 40.1  | 32.7  | 49.1  |

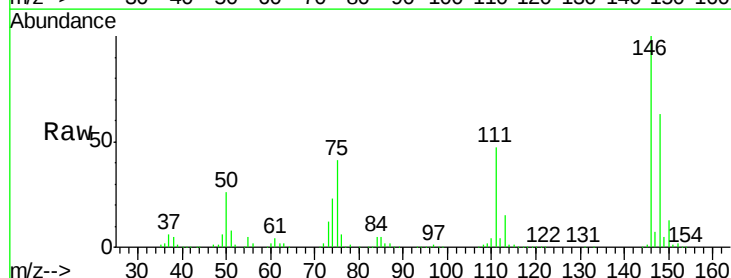


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF0

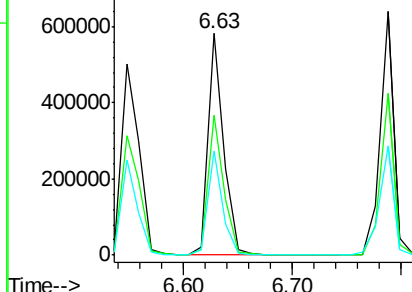
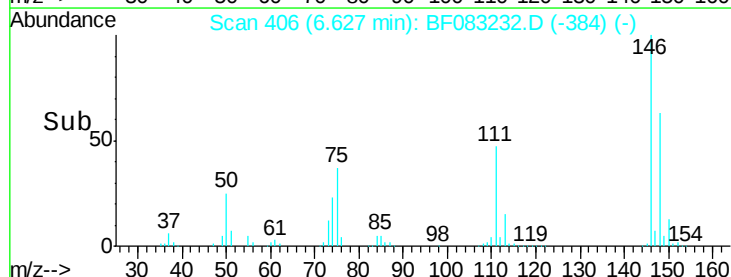


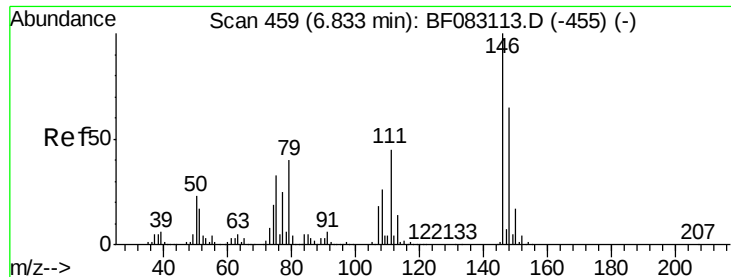
#13  
 1,4-Dichlorobenzene  
 Concen: 39.32 ng  
 RT: 6.63 min Scan# 406  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 50.2  | 75.2  |
| 111     | 47.0  | 37.5  | 56.3  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 41.46 ng

RT: 6.79 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

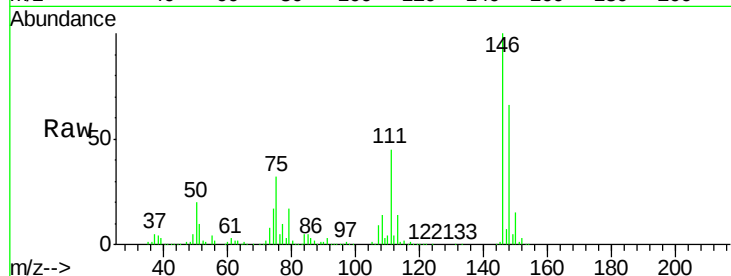
Tot Ion:146 Resp: 563186

Ion Ratio Lower Upper

146 100

148 66.3 51.8 77.6

111 44.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.79

800000

600000

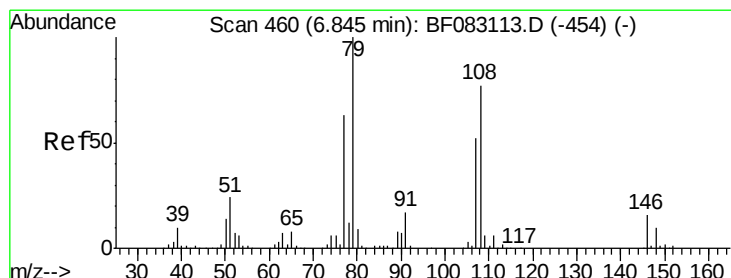
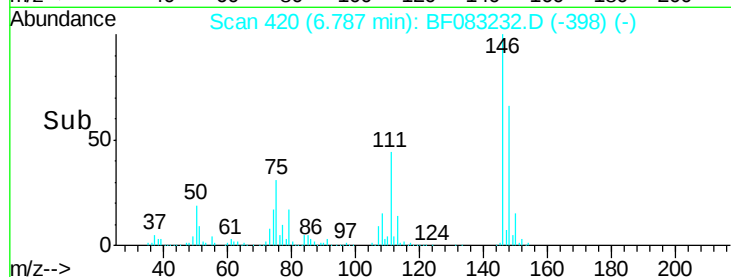
400000

200000

0

6.70 6.80 6.90

Time-->



#15

Benzyl Alcohol

Concen: 38.94 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

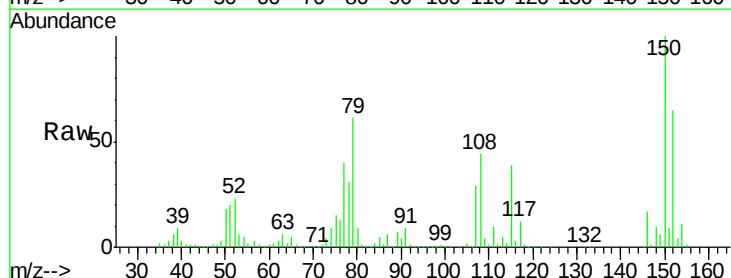
Tgt Ion: 79 Resp: 504253

Ion Ratio Lower Upper

79 100

108 72.1 61.4 92.2

77 65.6 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

6.78

600000

500000

400000

300000

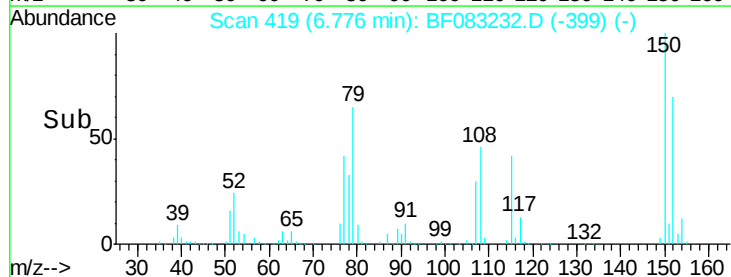
200000

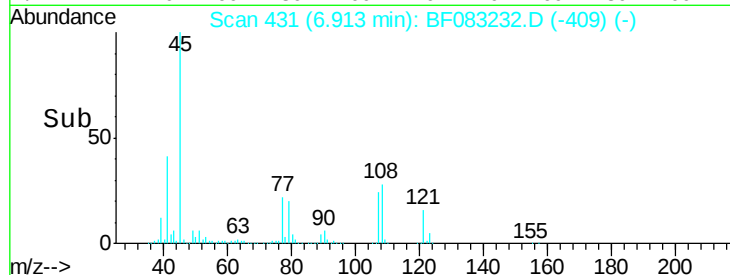
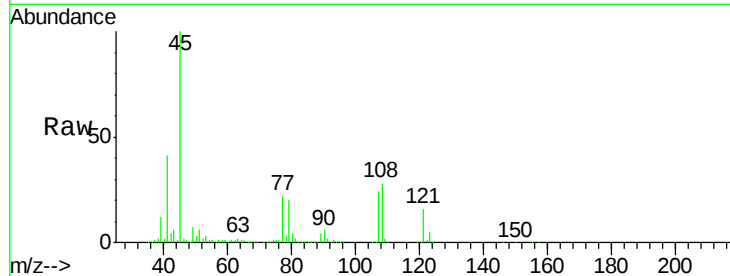
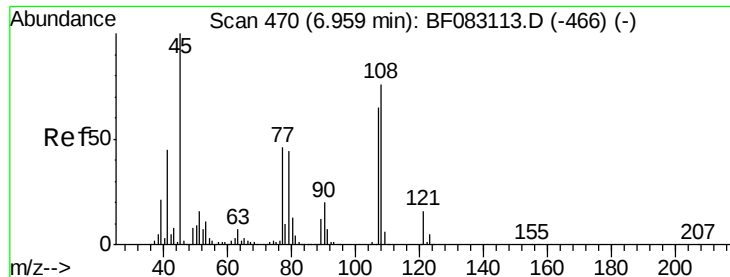
100000

0

6.70 6.80 6.90

Time-->

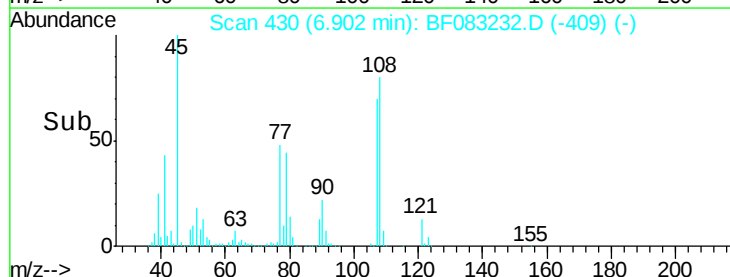
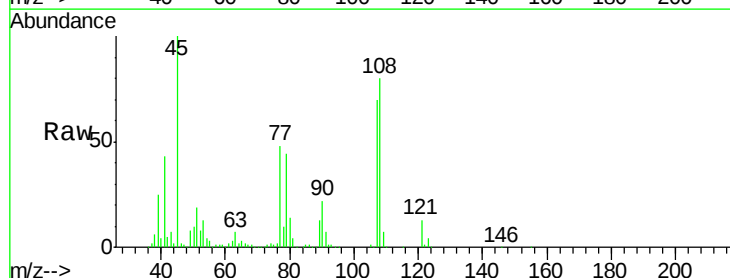
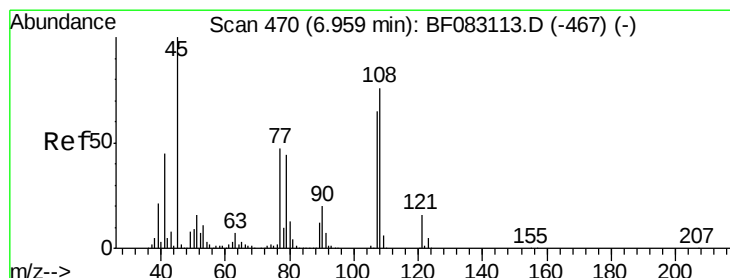
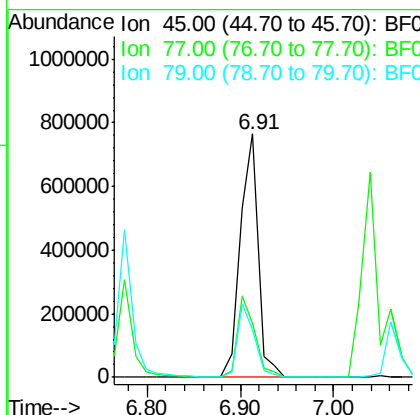




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 48.65 ng  
RT: 6.91 min Scan# 431  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

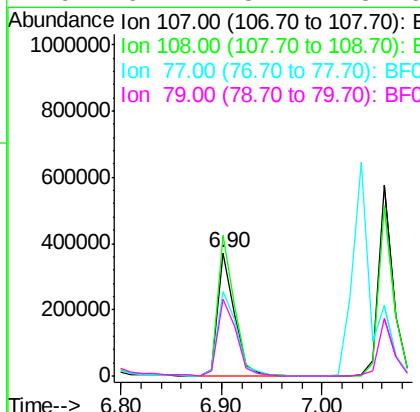
Instrument :  
BNA\_F  
ClientSampleId :

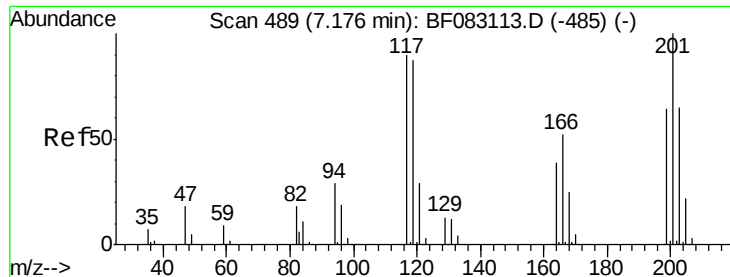
Tot Ion: 45 Resp: 1015548  
Ion Ratio Lower Upper  
45 100  
77 22.0 26.7 66.7#  
79 19.8 24.3 64.3#



#17  
2-Methylphenol  
Concen: 40.20 ng  
RT: 6.90 min Scan# 430  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion: 107 Resp: 430442  
Ion Ratio Lower Upper  
107 100  
108 114.7 93.8 140.6  
77 68.5 57.4 86.0  
79 62.4 54.4 81.6

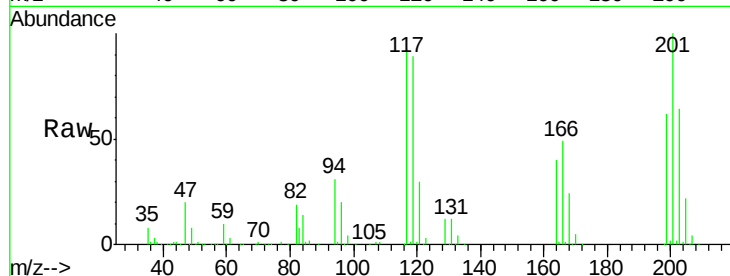




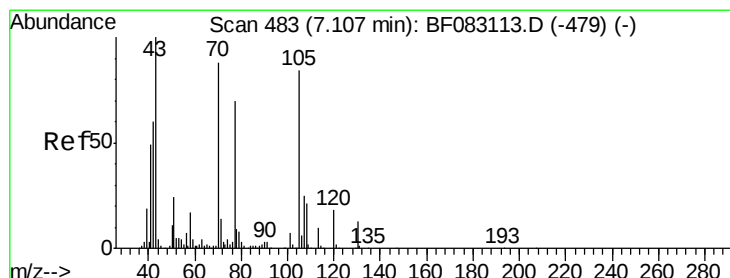
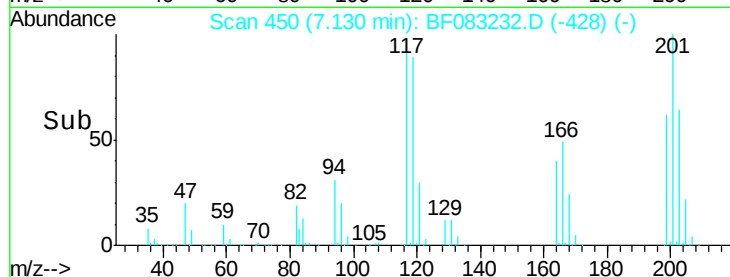
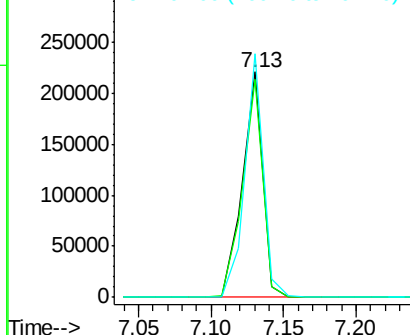
#18  
Hexachloroethane  
Concen: 40.82 ng  
RT: 7.13 min Scan# 450  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:117 Resp: 214899  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.8 115.2  
201 107.9 88.6 133.0

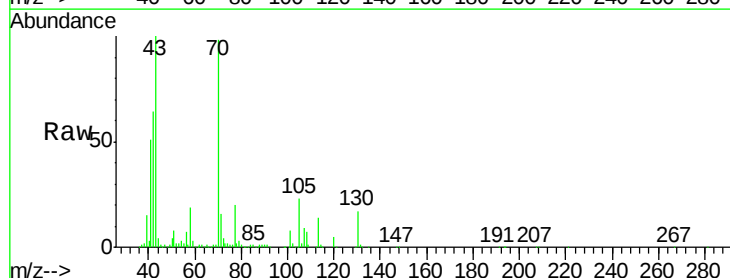


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

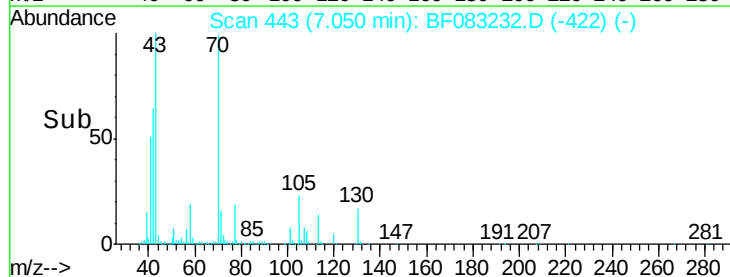
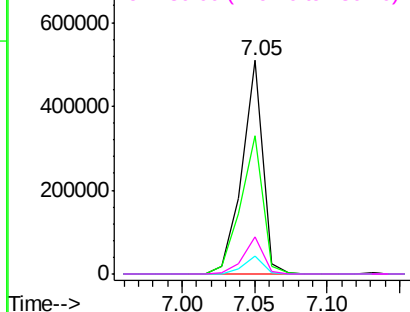


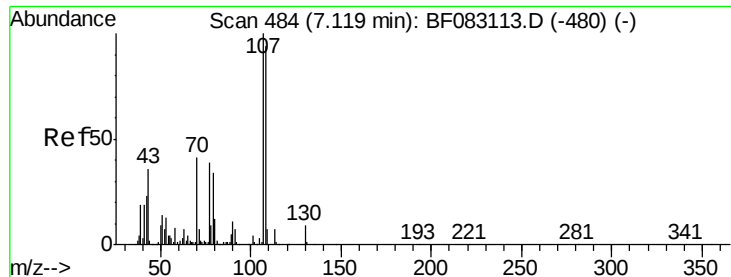
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.03 ng  
RT: 7.05 min Scan# 443  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion: 70 Resp: 507185  
Ion Ratio Lower Upper  
70 100  
42 64.6 54.5 81.7  
101 8.5 6.6 9.8  
130 17.3 11.5 17.3#



Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

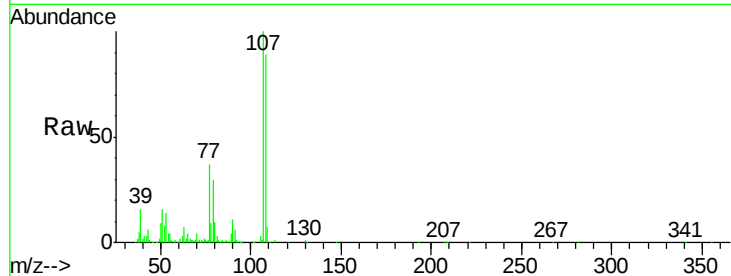




#20  
3+4-Methylphenols  
Concen: 43.47 ng  
RT: 7.06 min Scan# 444  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.4  | 73.8  | 113.8 |
| 77      | 37.3  | 19.1  | 59.1  |
| 79      | 30.2  | 13.7  | 53.7  |



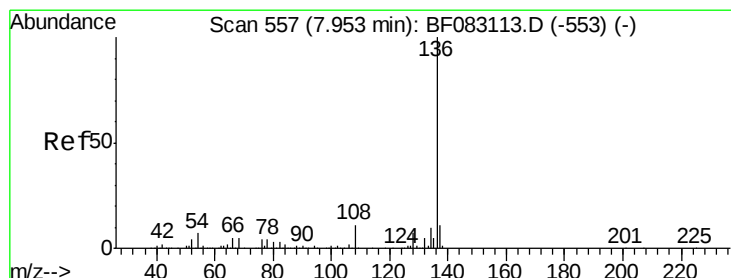
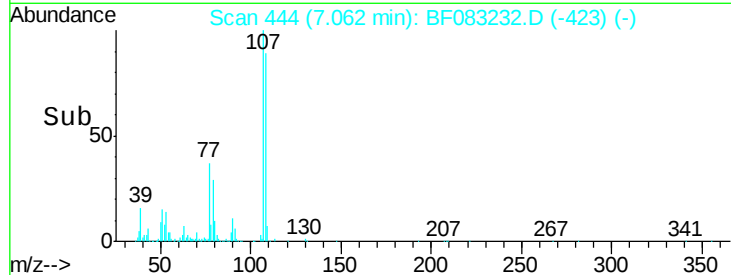
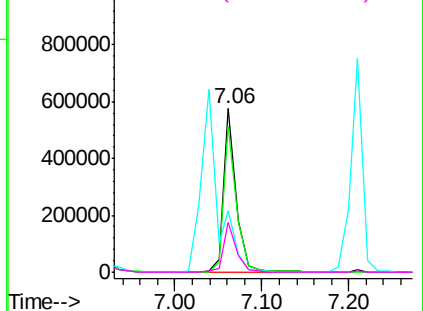
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.91 min Scan# 518  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.7  | 8.7   | 13.1  |
| 54      | 8.6   | 5.8   | 8.6   |
| 68      | 6.5   | 3.8   | 5.8#  |

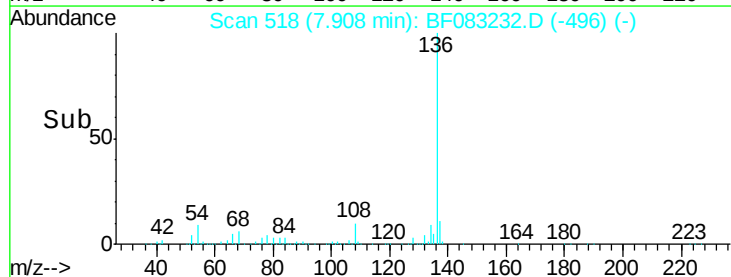
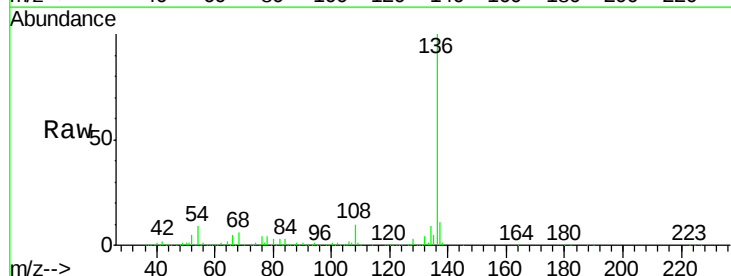
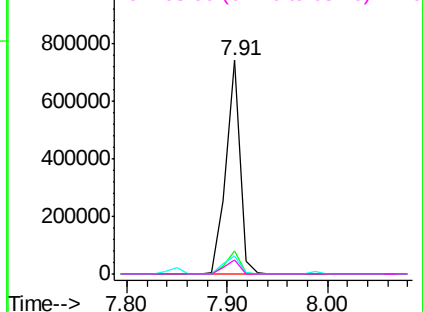
Abundance

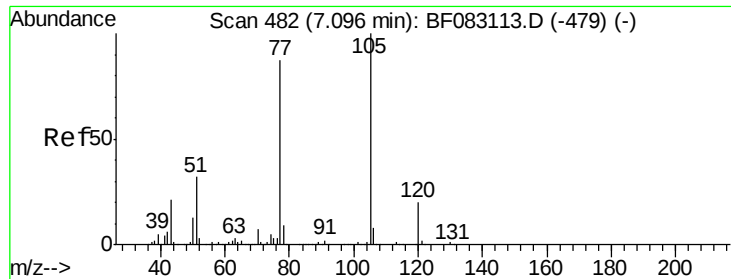
Ion 136.00 (135.70 to 136.70): E

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

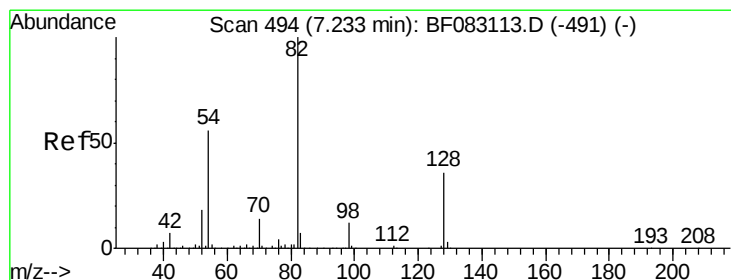
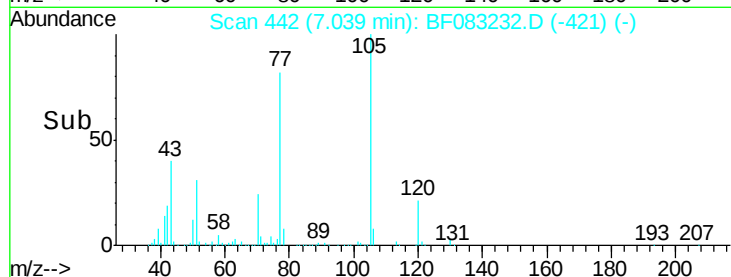
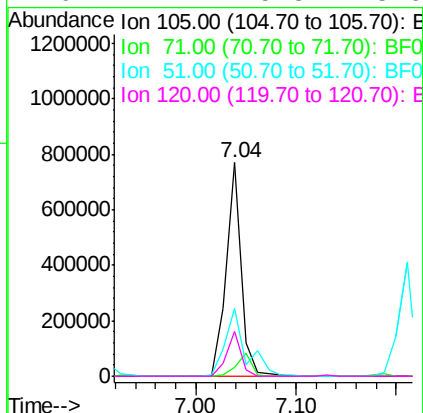
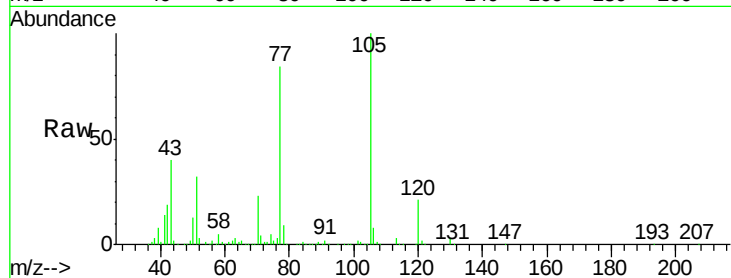




#22  
Acetophenone  
Concen: 38.78 ng  
RT: 7.04 min Scan# 442  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

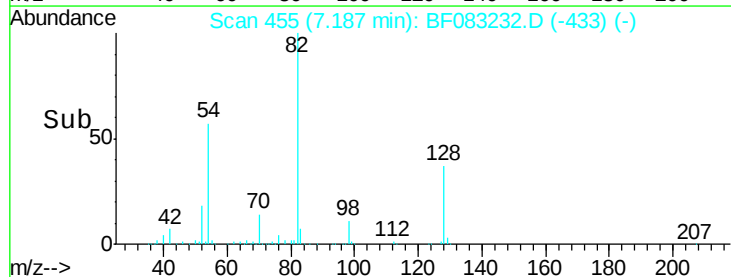
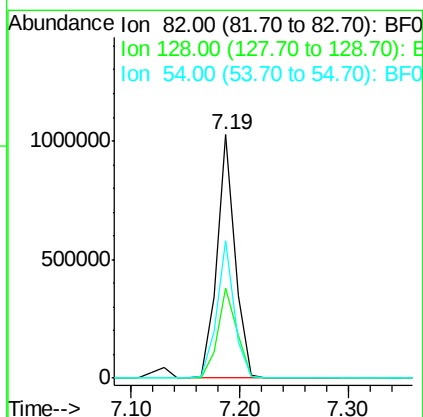
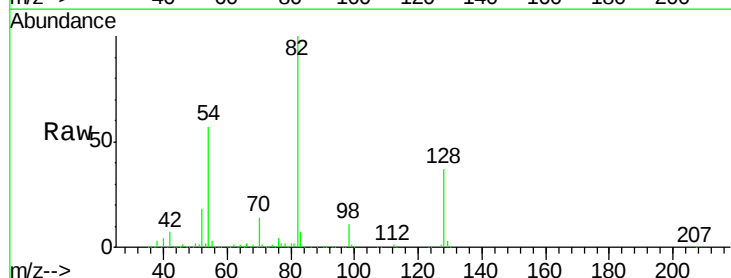
Instrument :  
BNA\_F  
ClientSampled :

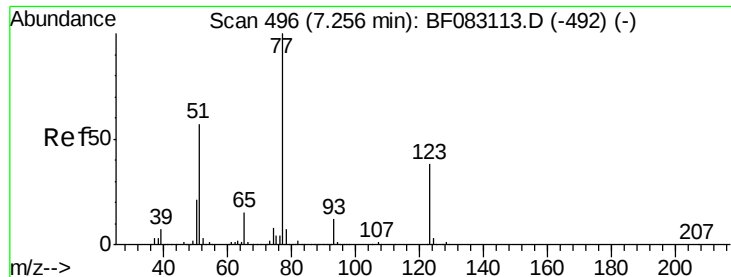
Tot Ion:105 Resp: 802646  
Ion Ratio Lower Upper  
105 100  
71 4.1 1.0 1.4#  
51 31.6 25.6 38.4  
120 21.2 15.8 23.6



#23  
Nitrobenzene-d5  
Concen: 75.88 ng  
RT: 7.19 min Scan# 455  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion: 82 Resp: 1197219  
Ion Ratio Lower Upper  
82 100  
128 37.1 28.5 42.7  
54 56.6 44.6 67.0

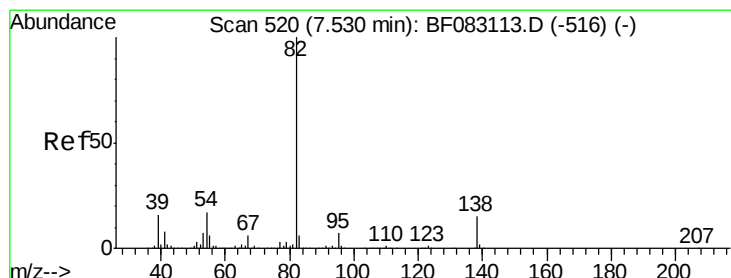
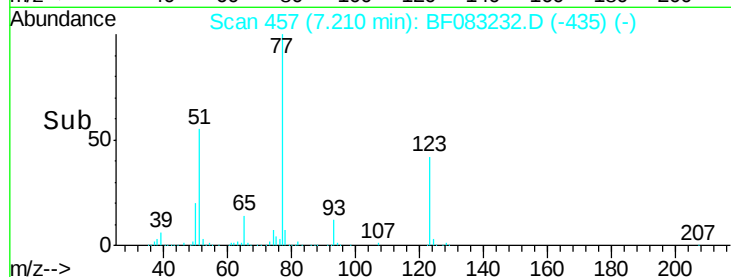
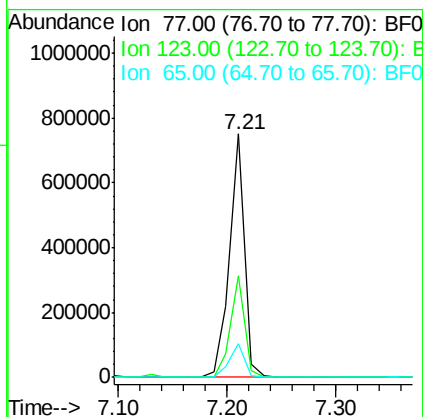
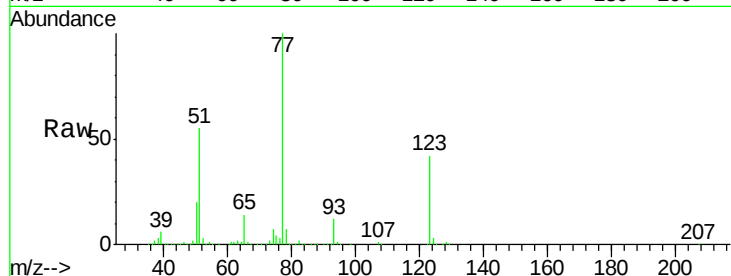




#24  
 Nitrobenzene  
 Concen: 42.14 ng  
 RT: 7.21 min Scan# 457  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

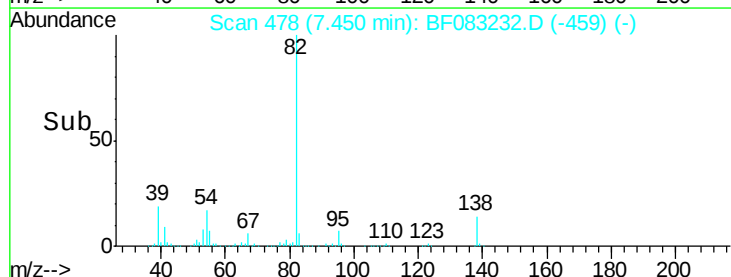
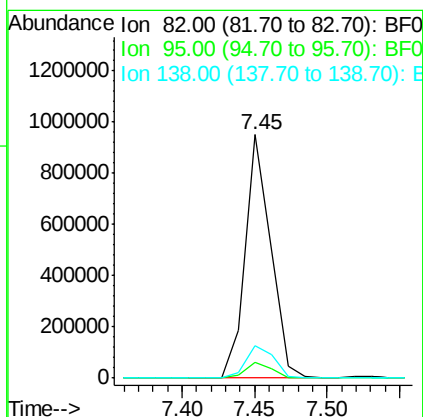
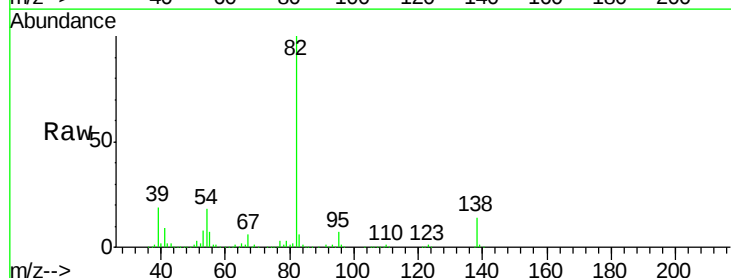
Instrument :  
 BNA\_F  
 ClientSampleId :

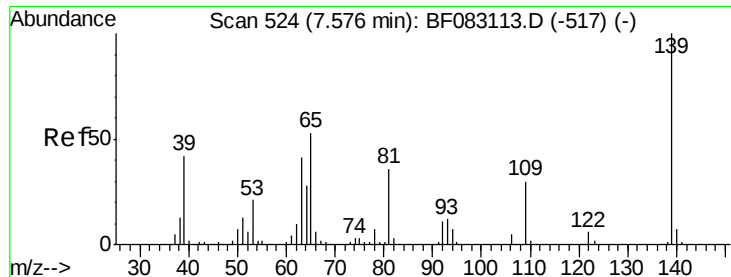
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.5  | 30.1  | 45.1  |
| 65      | 14.1  | 11.6  | 17.4  |



#25  
 Isophorone  
 Concen: 38.91 ng  
 RT: 7.45 min Scan# 478  
 Delta R.T. -0.08 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.6   | 5.8   | 8.8   |
| 138     | 13.5  | 11.6  | 17.4  |

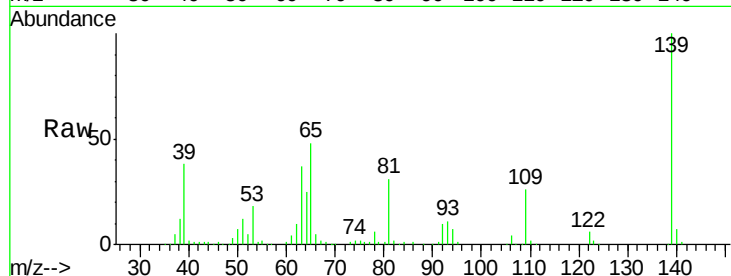




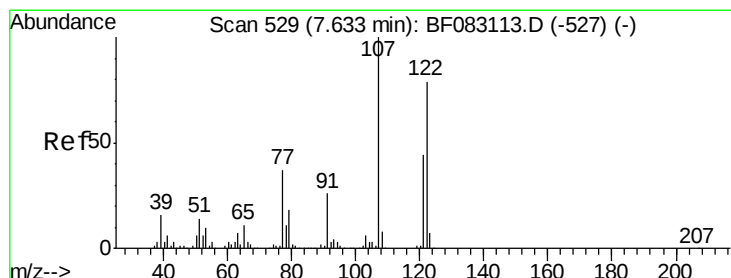
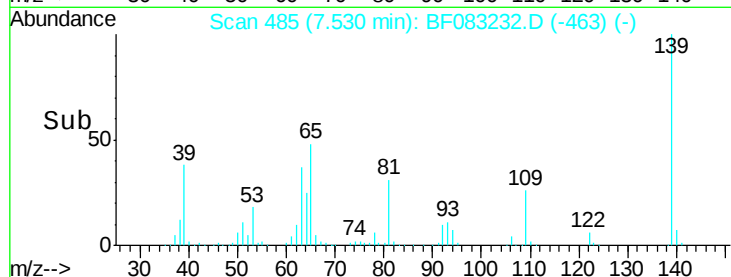
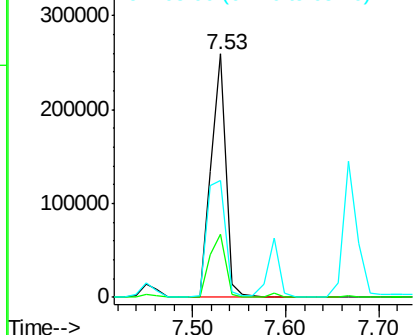
#26  
2-Nitrophenol  
Concen: 38.42 ng  
RT: 7.53 min Scan# 485  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 285974  
Ion Ratio Lower Upper  
139 100  
109 25.8 23.9 35.9  
65 48.1 42.7 64.1

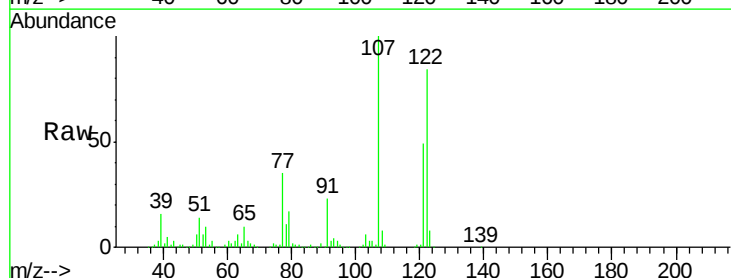


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E

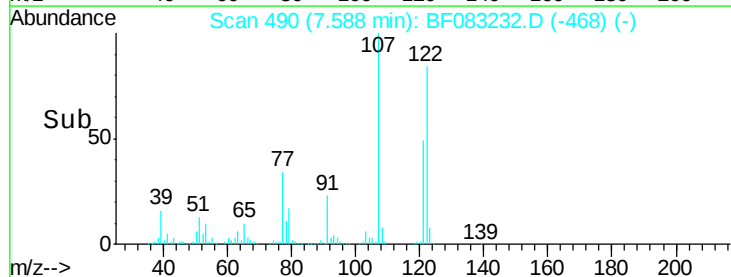
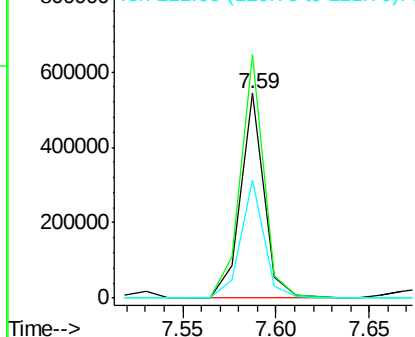


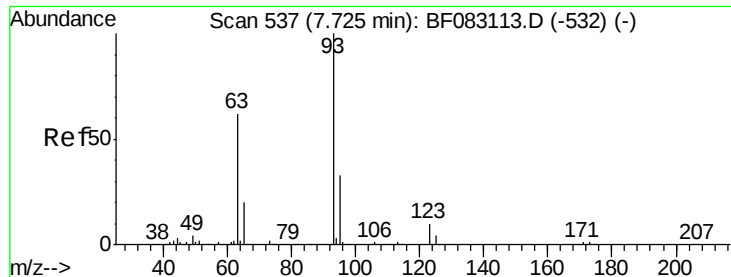
#27  
2,4-Dimethylphenol  
Concen: 40.32 ng  
RT: 7.59 min Scan# 490  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:122 Resp: 478973  
Ion Ratio Lower Upper  
122 100  
107 118.9 101.1 151.7  
121 58.0 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

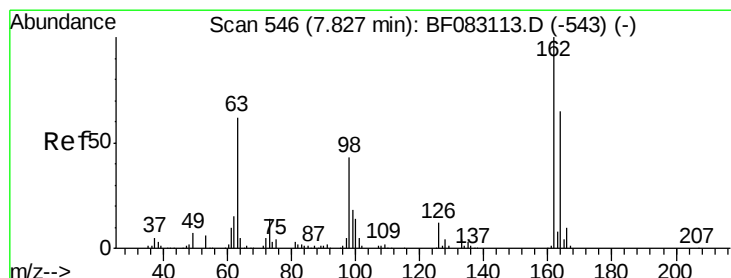
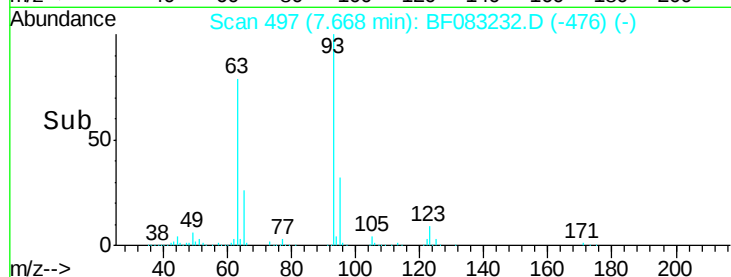
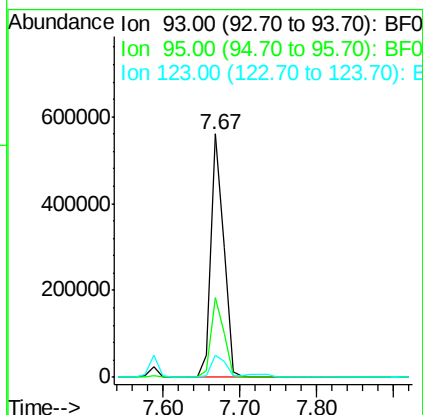
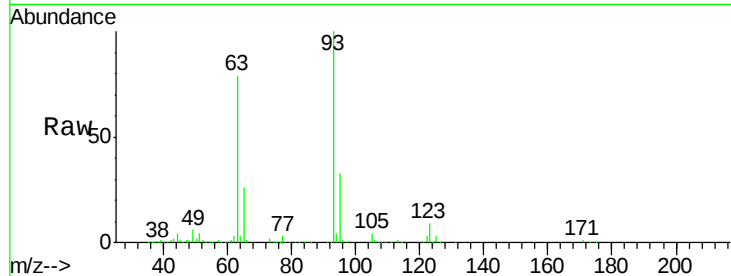




#28  
bis(2-Chloroethoxy)methane  
Concen: 36.92 ng  
RT: 7.67 min Scan# 497  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

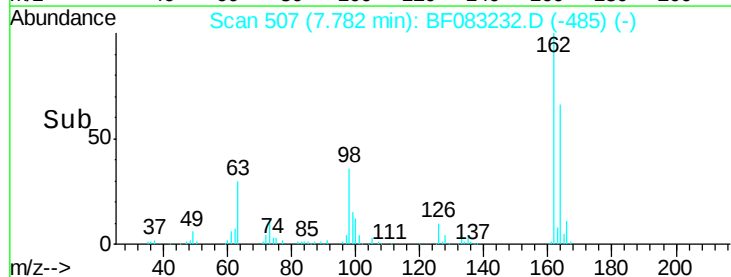
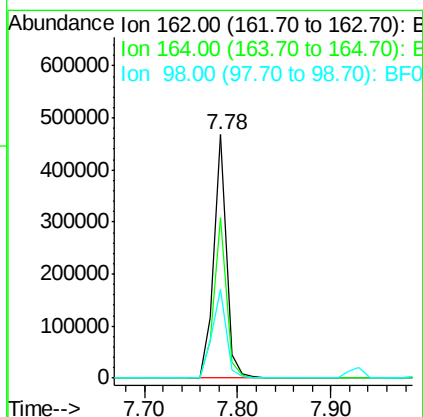
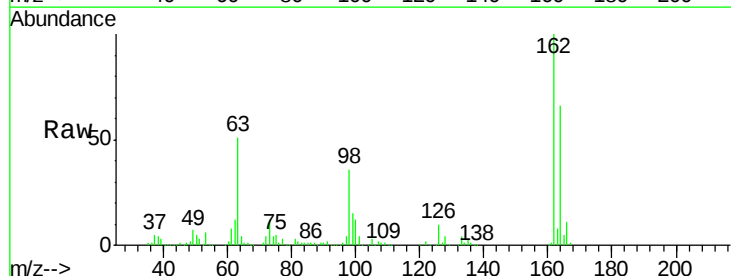
Instrument :  
BNA\_F  
ClientSampleId :

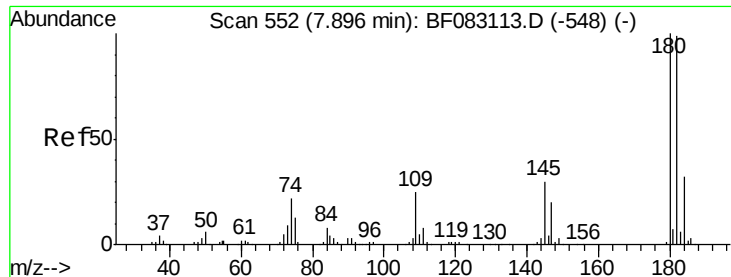
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 26.5  | 39.7  |
| 123     | 9.1   | 8.1   | 12.1  |



#29  
2,4-Dichlorophenol  
Concen: 39.15 ng  
RT: 7.78 min Scan# 507  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 44.8  | 84.8  |
| 98      | 36.5  | 23.1  | 63.1  |

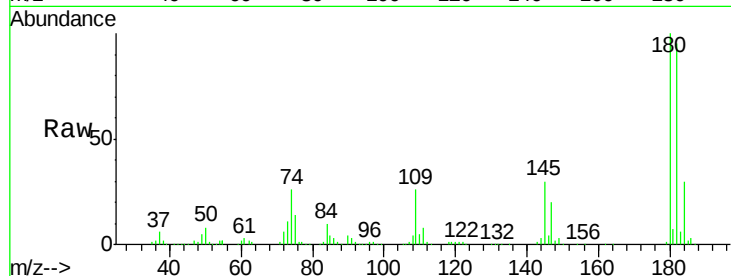




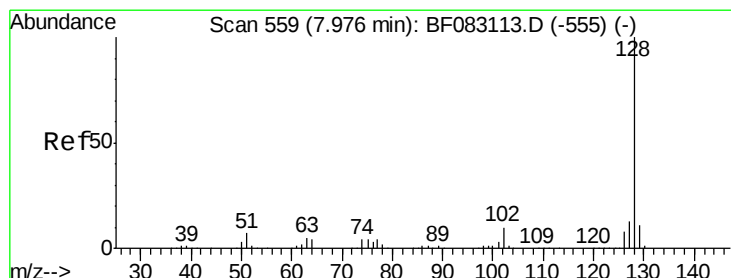
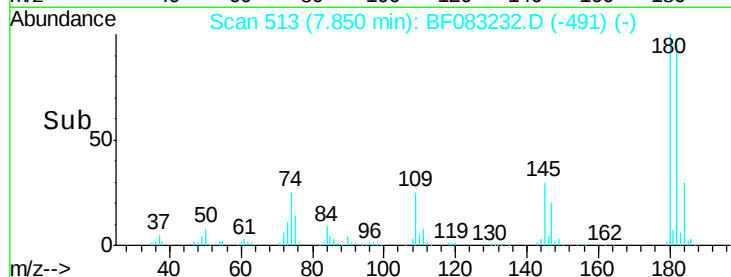
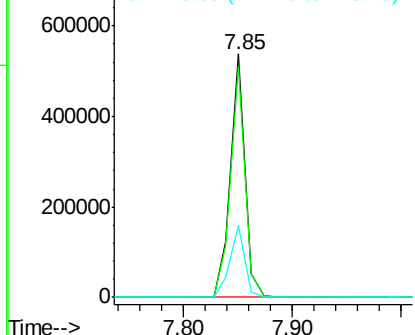
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.72 ng  
 RT: 7.85 min Scan# 513  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:180 Resp: 492867  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 79.0 118.6  
 145 29.6 24.2 36.2

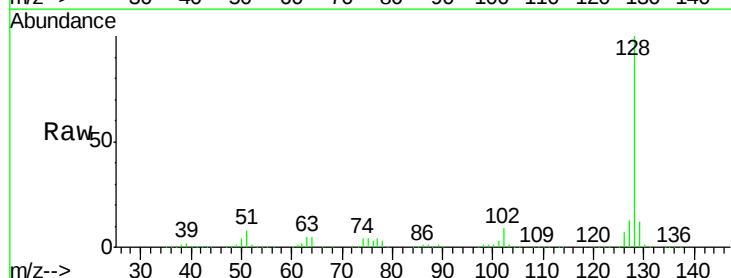


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

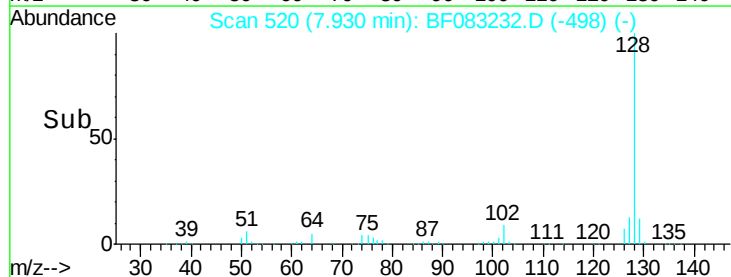
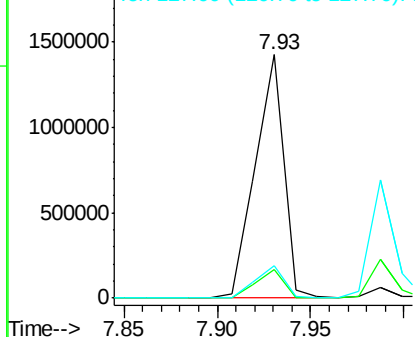


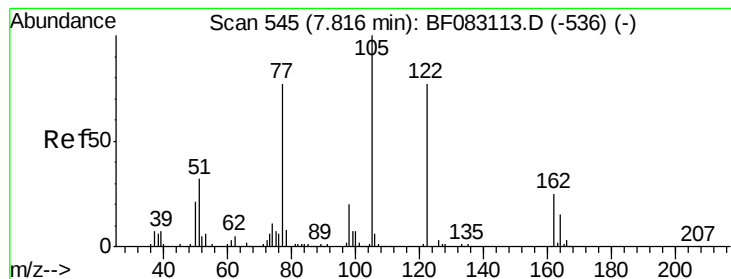
#31  
 Naphthalene  
 Concen: 38.72 ng  
 RT: 7.93 min Scan# 520  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion:128 Resp: 1506609  
 Ion Ratio Lower Upper  
 128 100  
 129 11.6 9.0 13.4  
 127 13.2 10.6 15.8



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: 3.48 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampled :

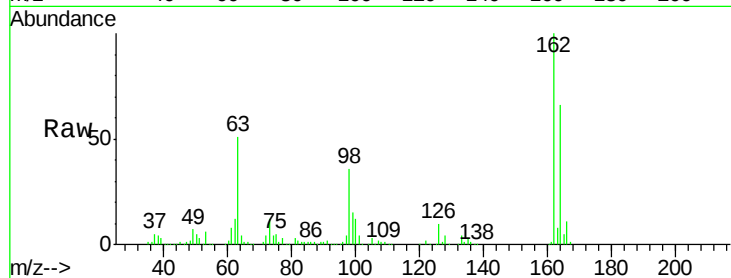
Tot Ion:122 Resp: 32176

Ion Ratio Lower Upper

122 100

105 134.4 109.7 149.7

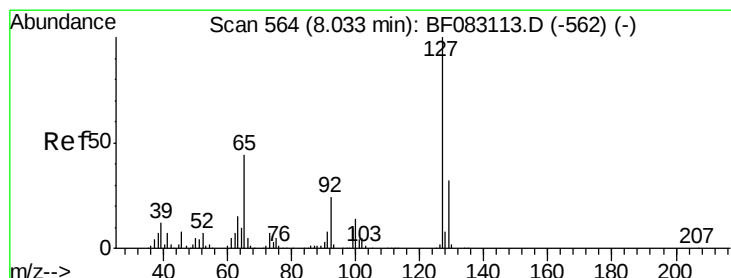
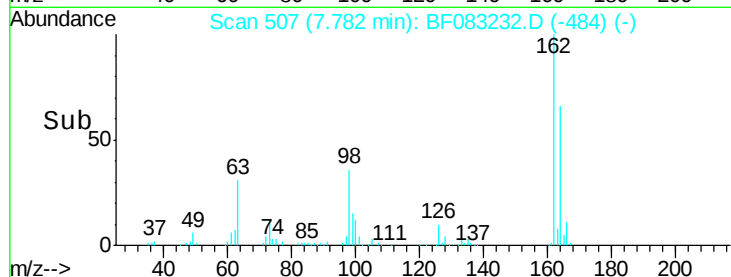
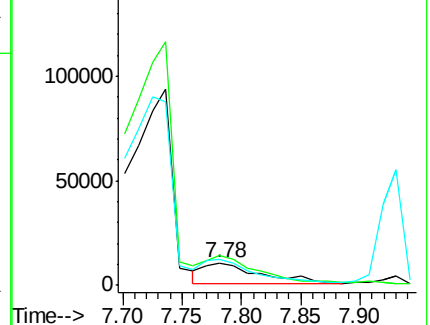
77 116.7 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 41.60 ng

RT: 7.99 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Tgt Ion:127 Resp: 627996

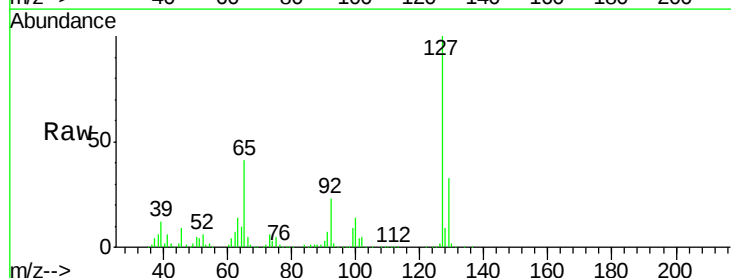
Ion Ratio Lower Upper

127 100

129 33.2 25.7 38.5

65 41.1 35.5 53.3

92 23.3 19.4 29.2

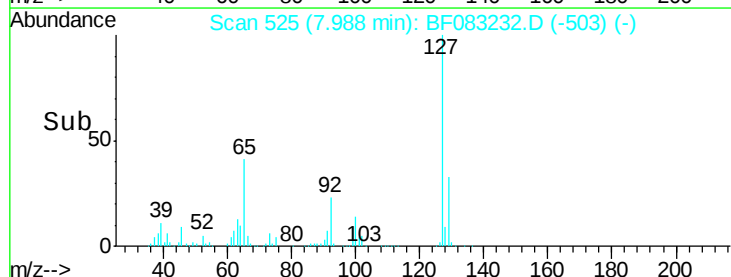
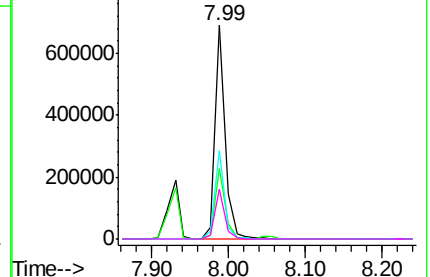


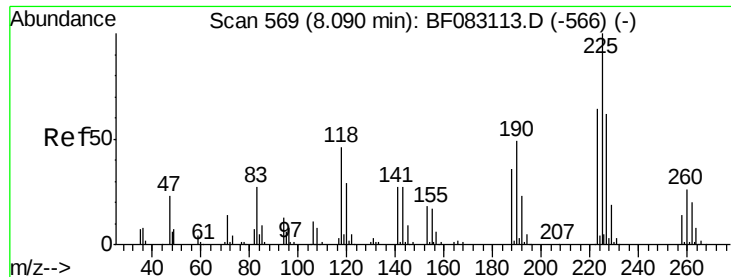
Abundance Ion 127.00 (126.70 to 127.70): E

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

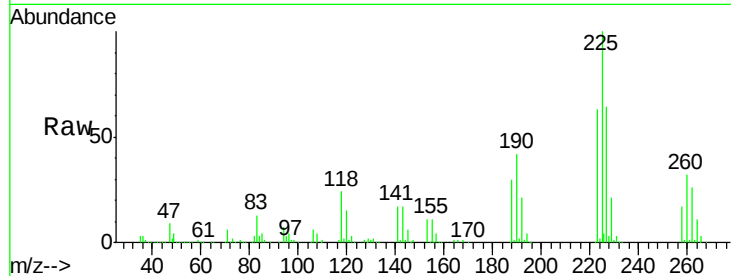




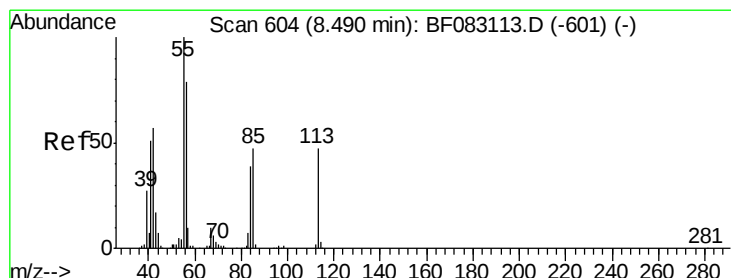
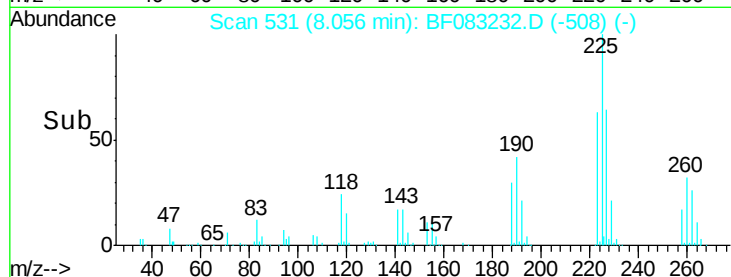
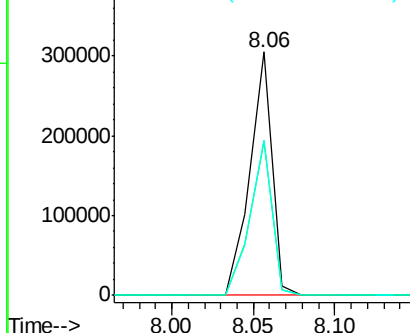
#34  
Hexachlorobutadiene  
Concen: 39.26 ng  
RT: 8.06 min Scan# 531  
Delta R.T. -0.03 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:225 Resp: 287906  
Ion Ratio Lower Upper  
225 100  
223 63.2 51.3 76.9  
227 63.6 49.8 74.8

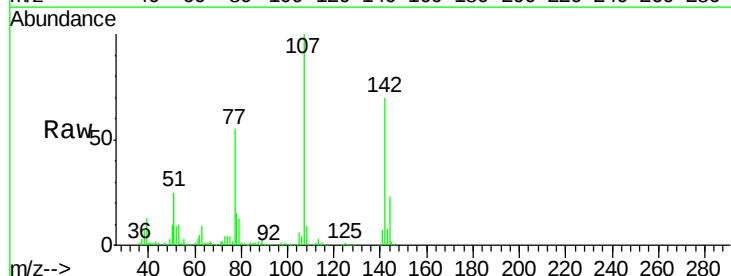


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

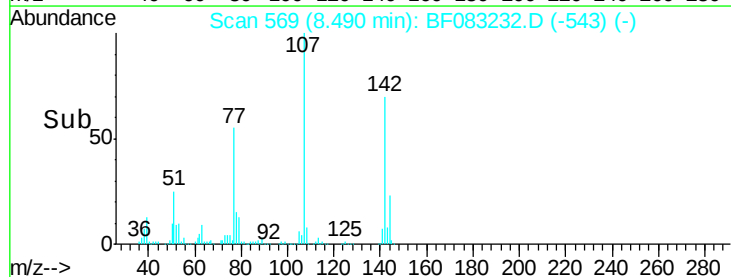
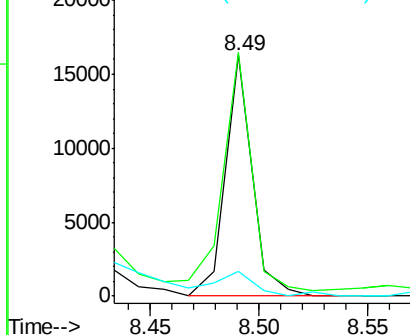


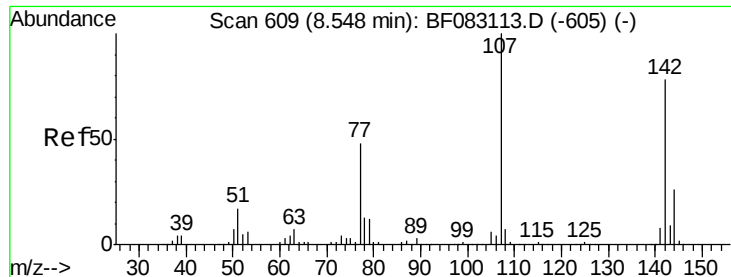
#35  
Caprolactam  
Concen: 3.85 ng  
RT: 8.49 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:113 Resp: 13927  
Ion Ratio Lower Upper  
113 100  
55 101.1 192.6 232.6#  
56 10.3 148.6 188.6#



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

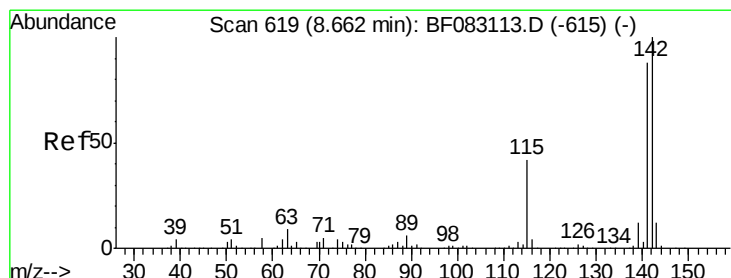
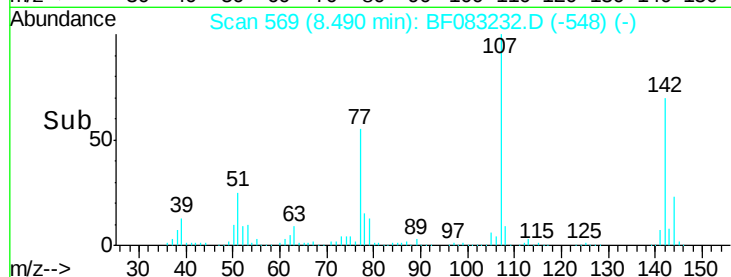
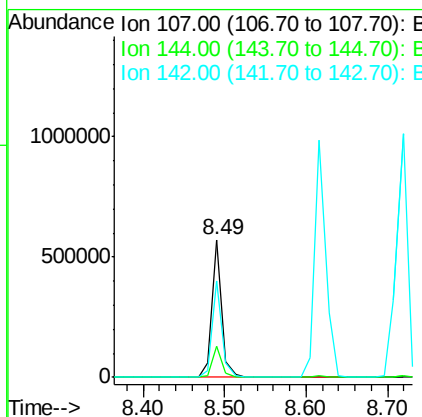
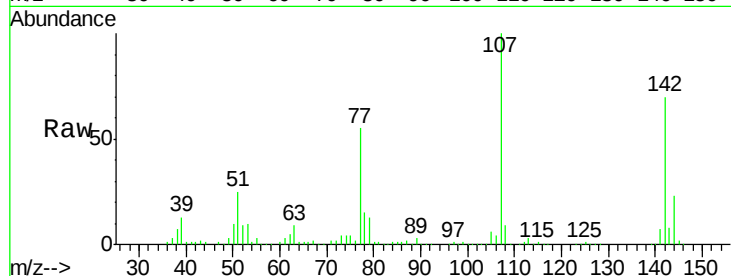




#36  
 4-Chloro-3-methylphenol  
 Concen: 37.61 ng  
 RT: 8.49 min Scan# 569  
 Delta R.T. -0.06 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

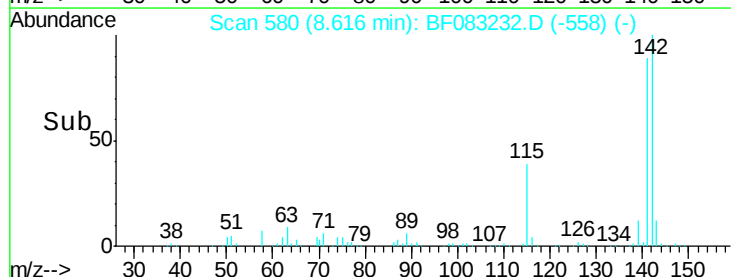
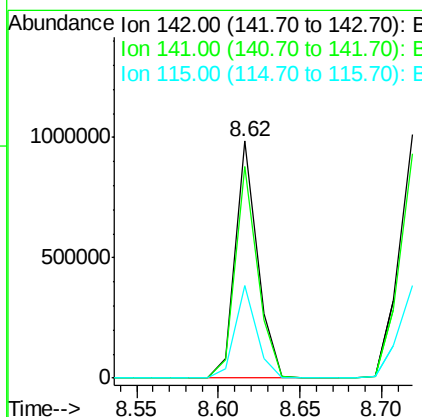
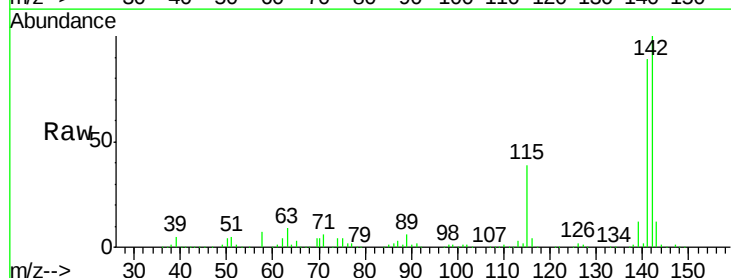
Instrument :  
 BNA\_F  
 ClientSampleID :

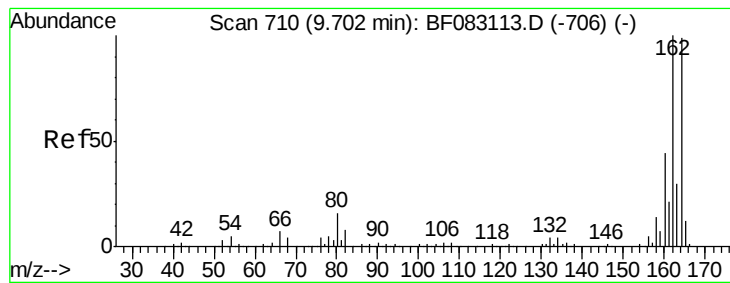
Tot Ion:107 Resp: 492228  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 20.8 31.2  
 142 70.5 62.1 93.1



#37  
 2-Methylnaphthalene  
 Concen: 36.62 ng  
 RT: 8.62 min Scan# 580  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion:142 Resp: 924880  
 Ion Ratio Lower Upper  
 142 100  
 141 89.2 70.3 105.5  
 115 39.4 33.4 50.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

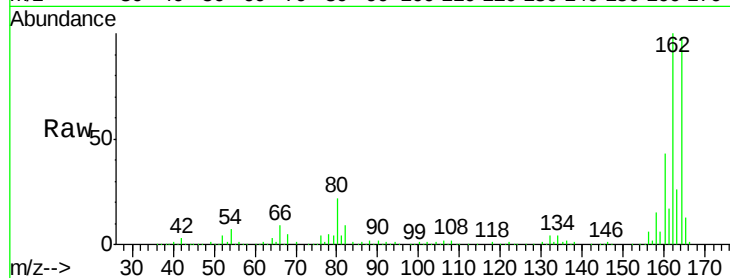
Tot Ion:164 Resp: 354564

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

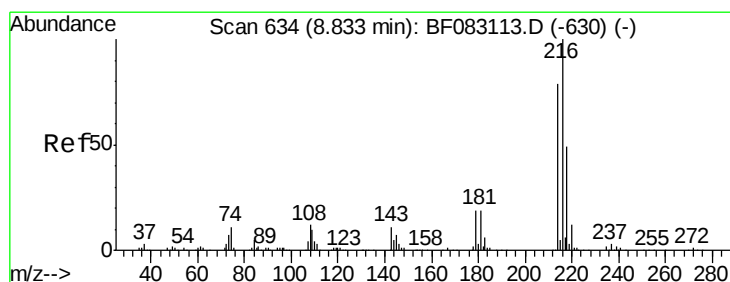
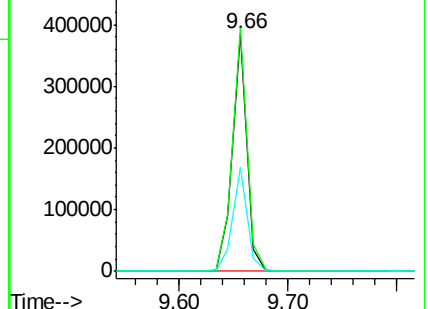
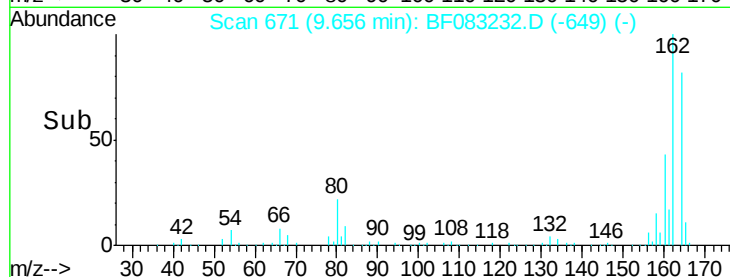
160 43.7 35.6 53.4



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: 39.96 ng

RT: 8.79 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Tgt Ion:216 Resp: 459214

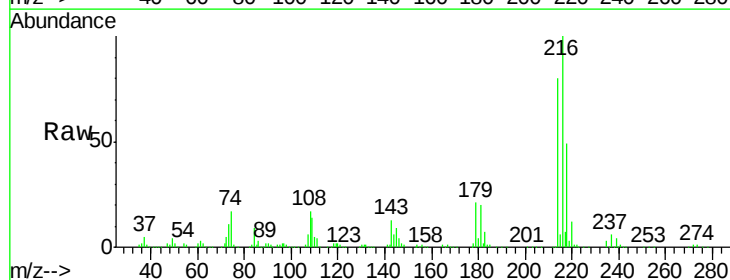
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 21.5 17.0 25.6

108 20.1 15.2 22.8

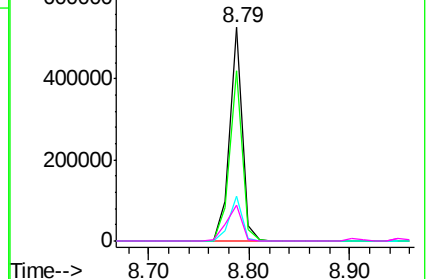
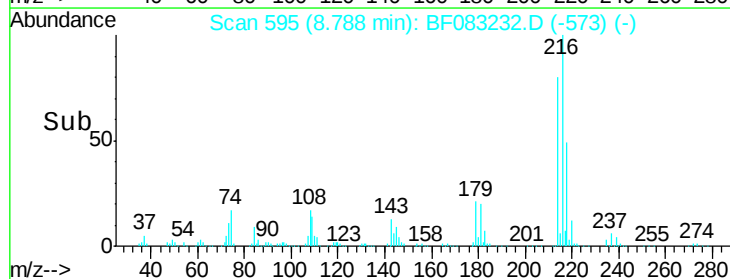


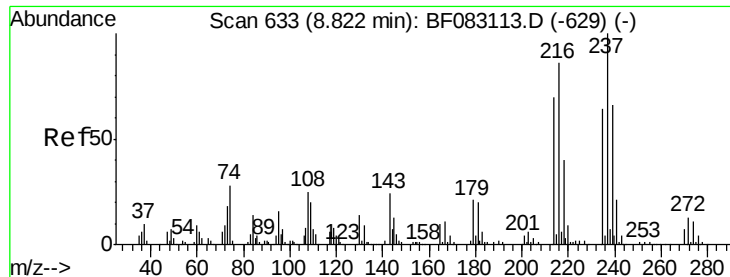
Abundance Ion 216.00 (215.70 to 216.70): E

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

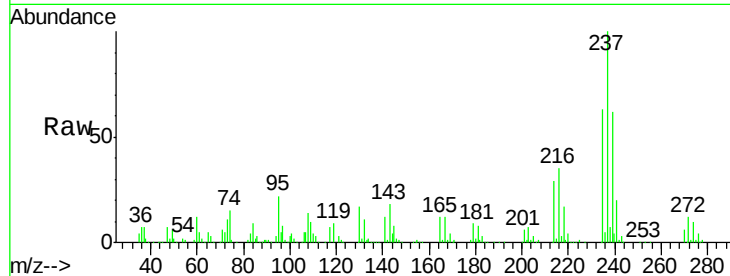




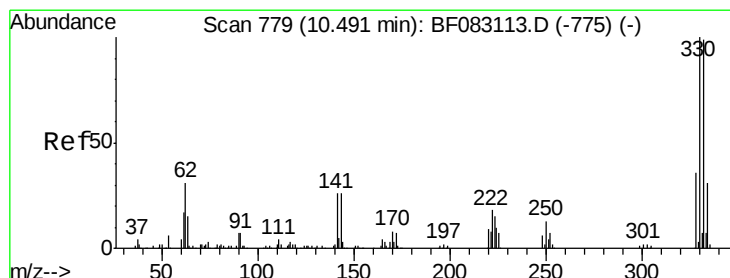
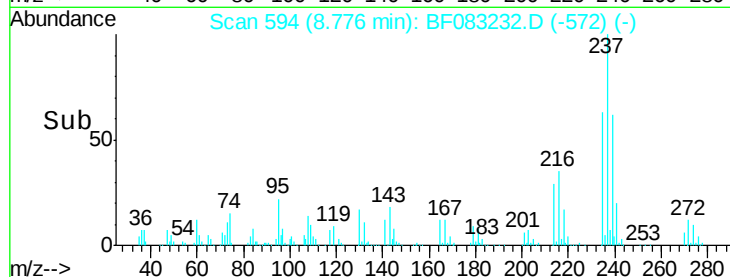
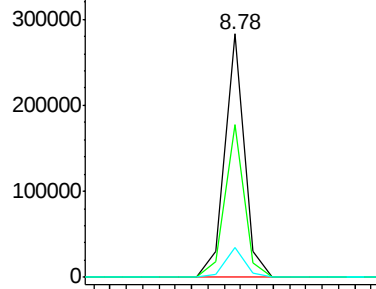
#40  
Hexachlorocyclopentadiene  
Concen: 36.15 ng  
RT: 8.78 min Scan# 594  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 236200  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.5 83.5  
272 12.0 0.0 33.1

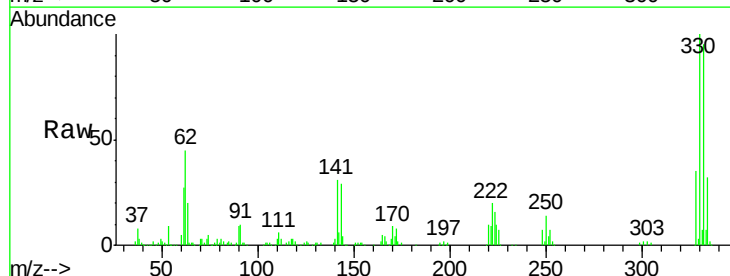


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

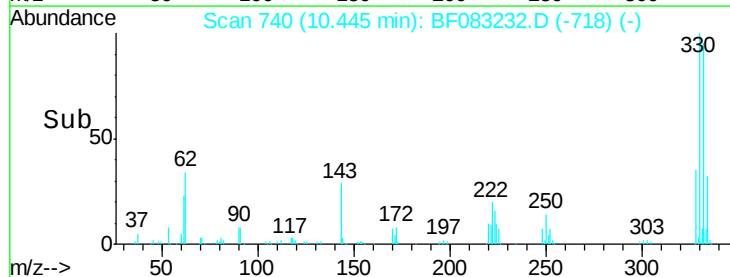
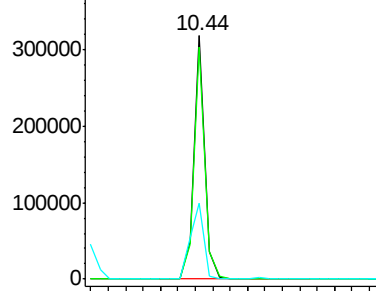


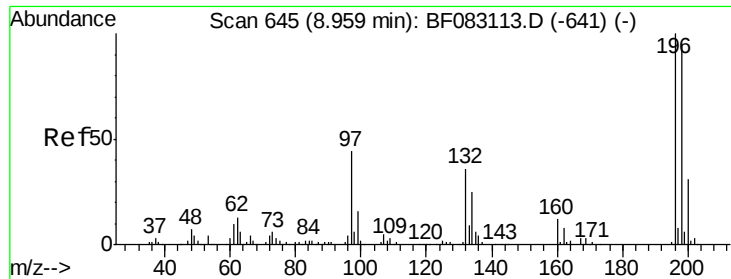
#41  
2,4,6-Tribromophenol  
Concen: 77.71 ng  
RT: 10.44 min Scan# 740  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:330 Resp: 281873  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.7 116.5  
141 39.1 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

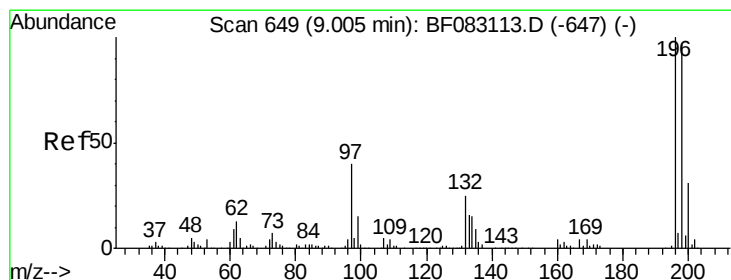
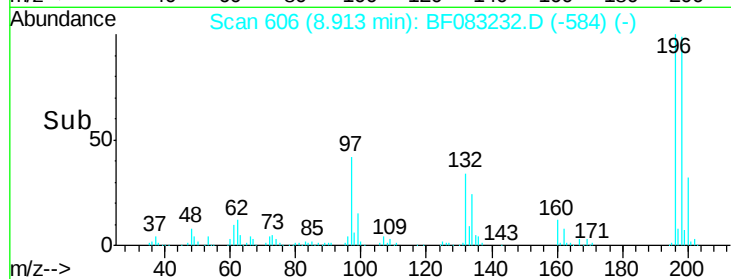
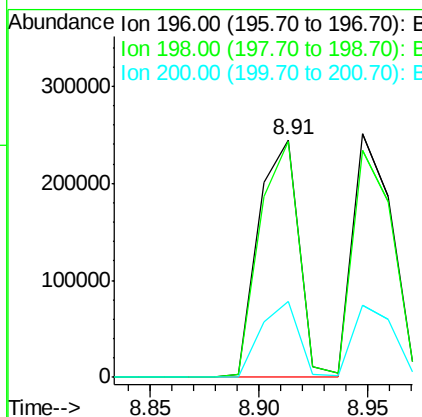
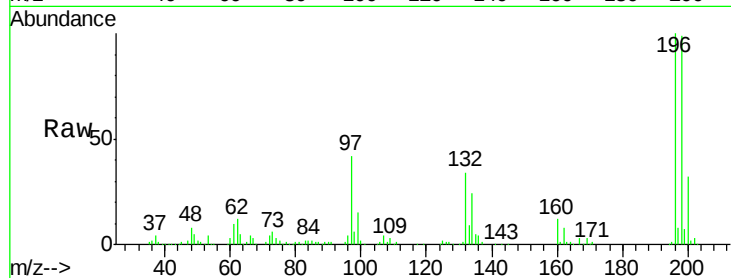




#42  
 2,4,6-Trichlorophenol  
 Concen: 38.62 ng  
 RT: 8.91 min Scan# 606  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

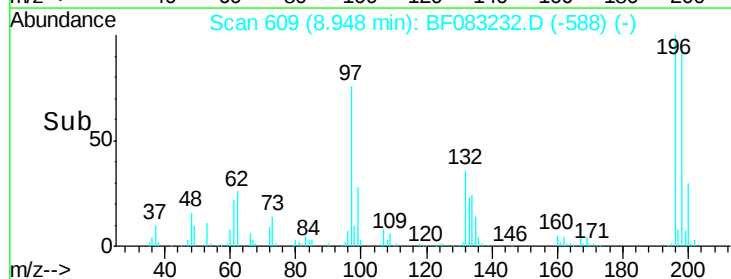
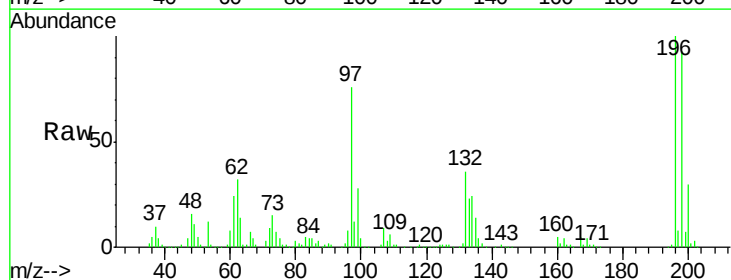
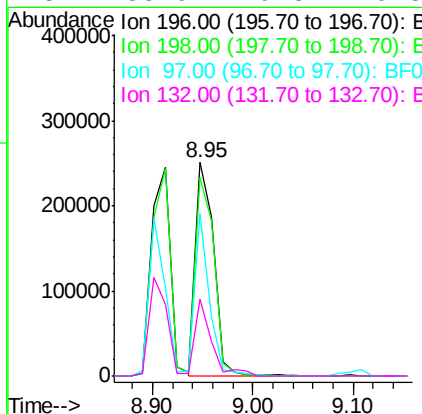
Instrument :  
 BNA\_F  
 ClientSampleId :

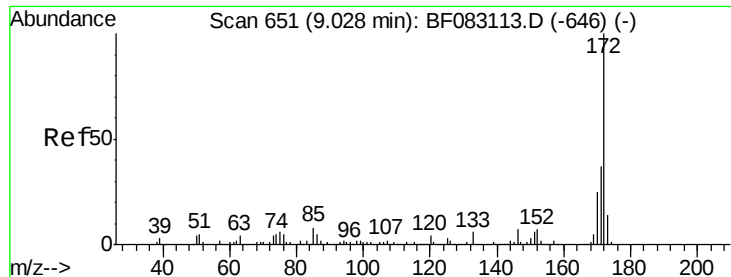
| Tot Ion   | 196   | Resp  | 317869 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 99.3  | 75.9  | 113.9  |
| 200       | 32.1  | 24.5  | 36.7   |



#43  
 2,4,5-Trichlorophenol  
 Concen: 37.93 ng  
 RT: 8.95 min Scan# 609  
 Delta R.T. -0.06 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

| Tgt Ion   | 196   | Resp  | 319213 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.1  | 77.6  | 116.4  |
| 97        | 76.4  | 32.6  | 48.8#  |
| 132       | 35.9  | 19.8  | 29.8#  |





#44

2-Fluorobiphenyl

Concen: 77.94 ng

RT: 8.99 min Scan# 613

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

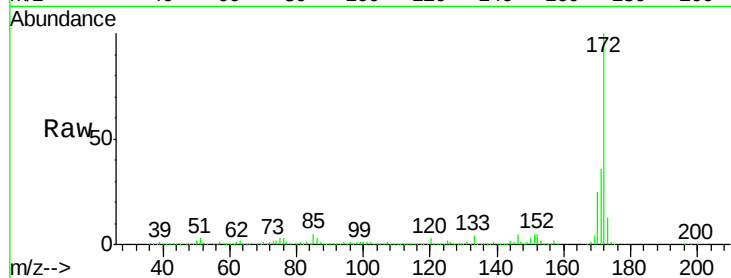
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:172 Resp: 1981829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.2  | 29.5  | 44.3  |
| 170 | 24.6  | 19.9  | 29.9  |

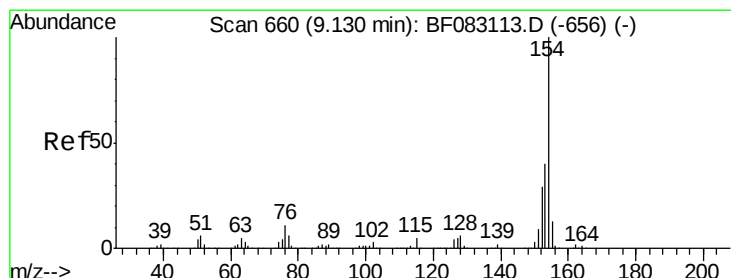
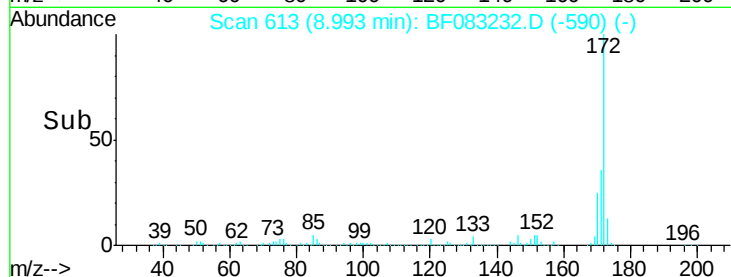
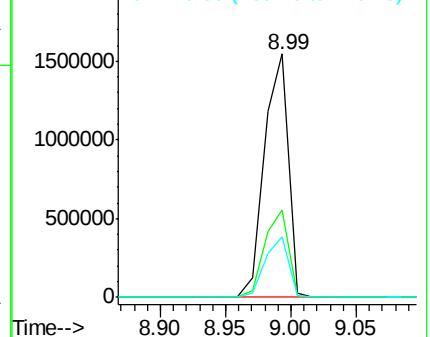


Abundance

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: 39.27 ng

RT: 9.08 min Scan# 621

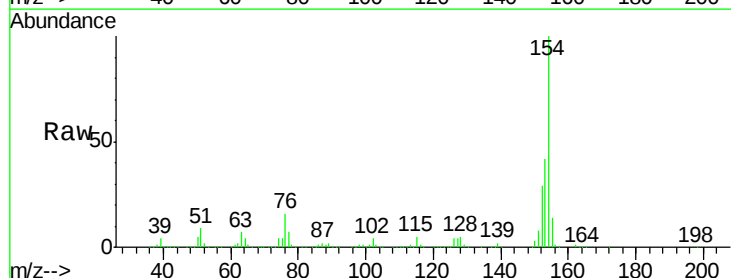
Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Tgt Ion:154 Resp: 1185106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.7  | 20.5  | 60.5  |
| 76  | 15.6  | 0.0   | 31.2  |

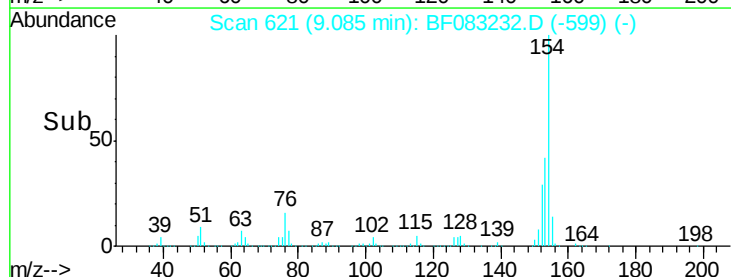
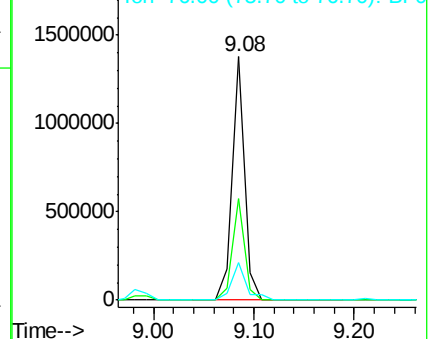


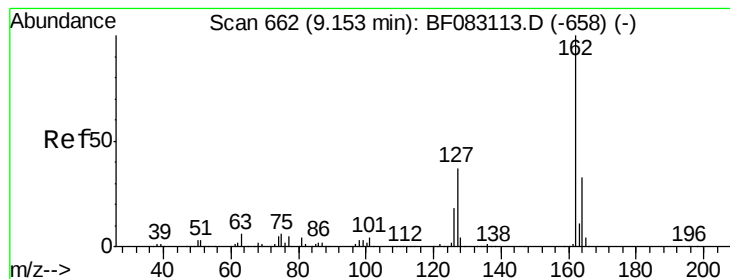
Abundance

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

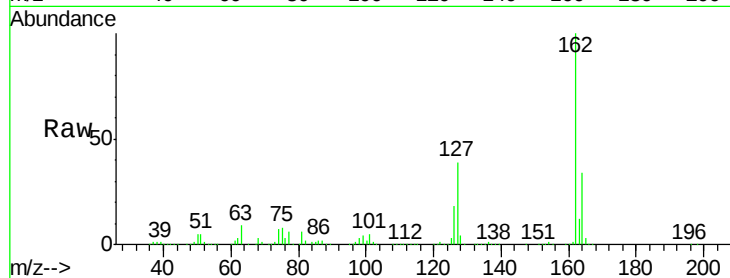




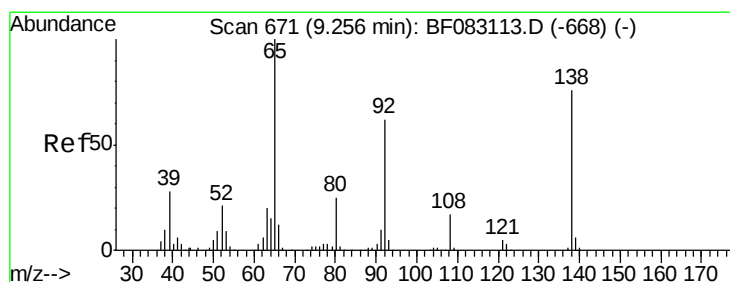
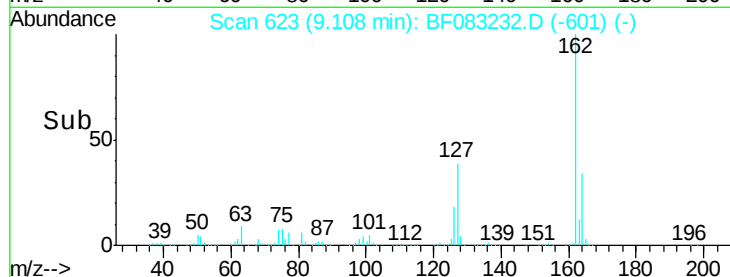
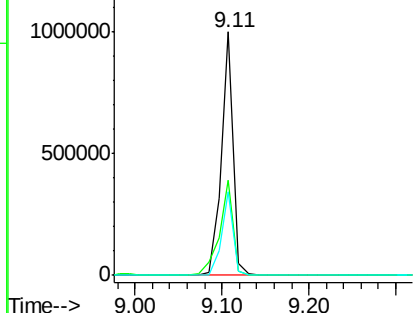
#46  
 2-Chloronaphthalene  
 Concen: 40.04 ng  
 RT: 9.11 min Scan# 623  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:162 Resp: 949179  
 Ion Ratio Lower Upper  
 162 100  
 127 39.1 29.4 44.2  
 164 34.2 26.2 39.4

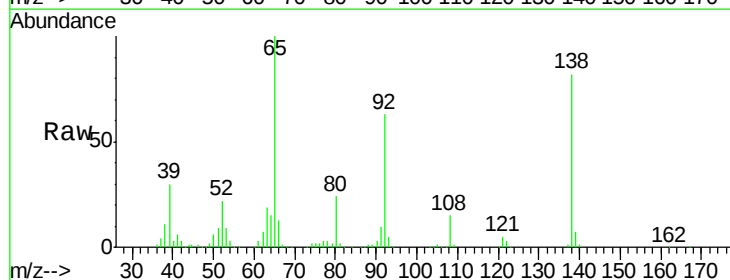


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

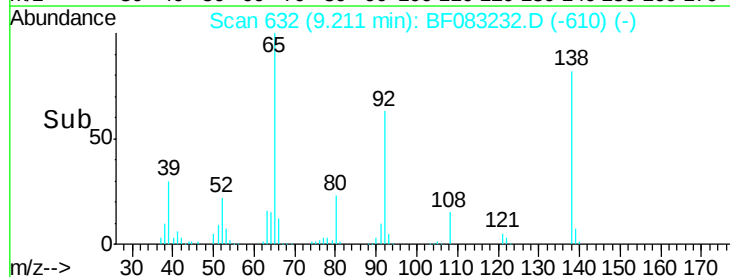
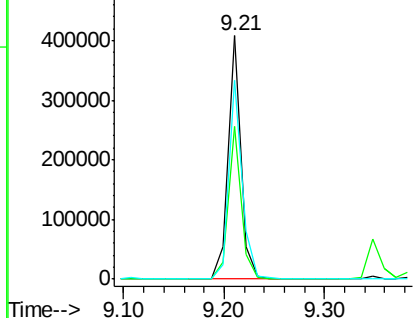


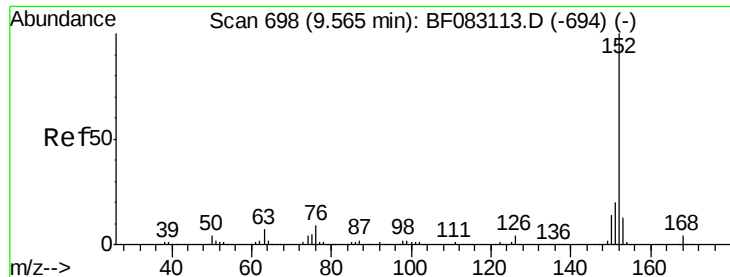
#47  
 2-Nitroaniline  
 Concen: 43.06 ng  
 RT: 9.21 min Scan# 632  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion: 65 Resp: 361022  
 Ion Ratio Lower Upper  
 65 100  
 92 62.7 49.5 74.3  
 138 81.5 60.7 91.1



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





#48

Acenaphthylene

Concen: 41.55 ng

RT: 9.52 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

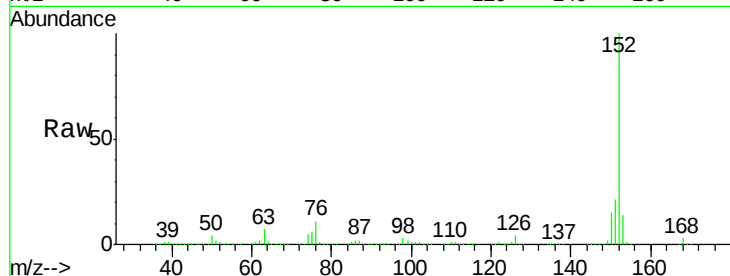
Tot Ion:152 Resp: 1526263

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

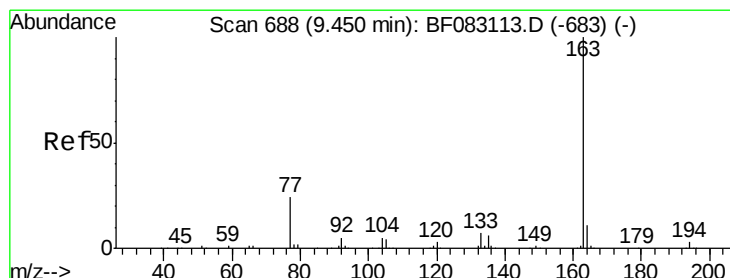
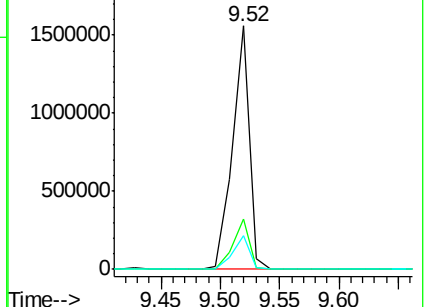
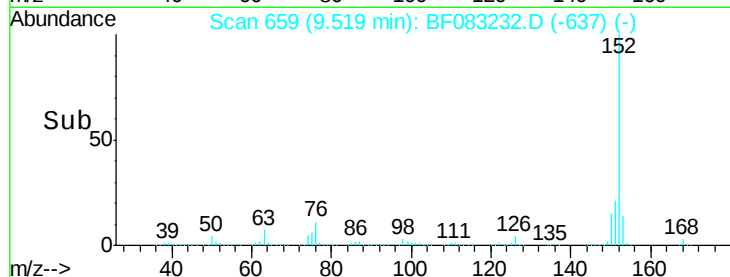
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.57 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

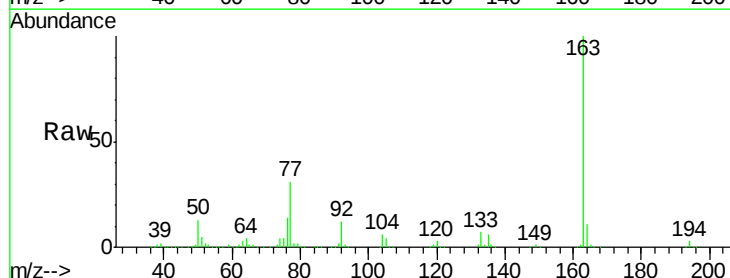
Tgt Ion:163 Resp: 1052753

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

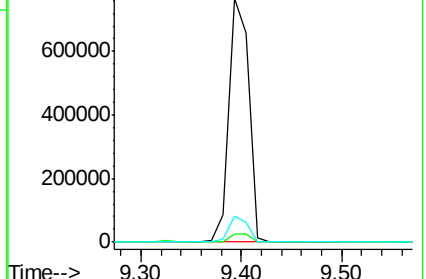
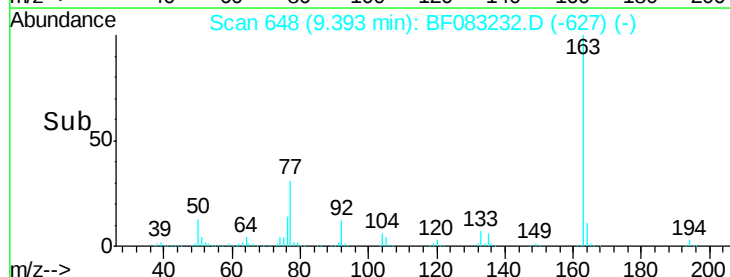
164 10.7 8.6 12.8

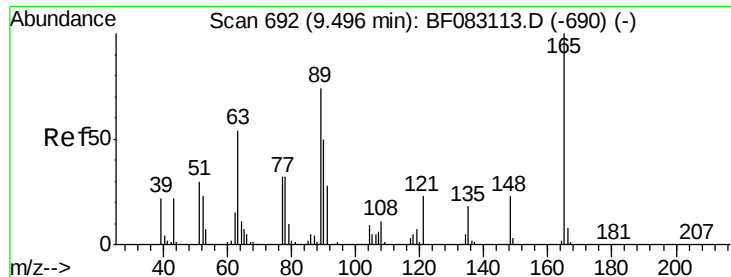


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

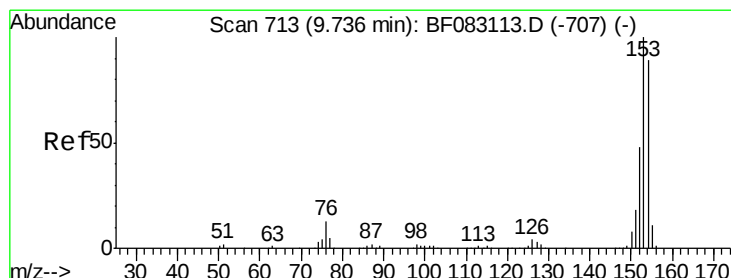
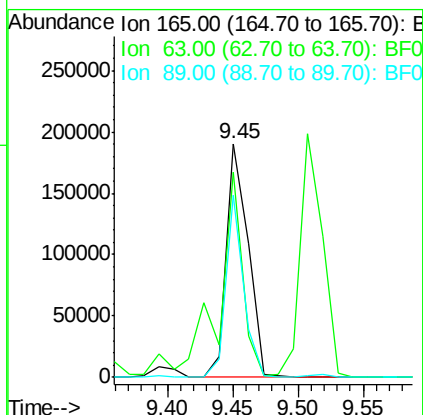
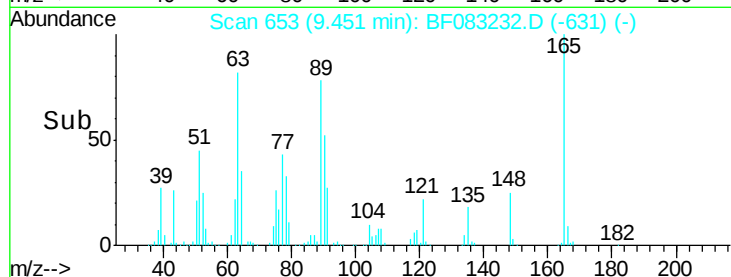
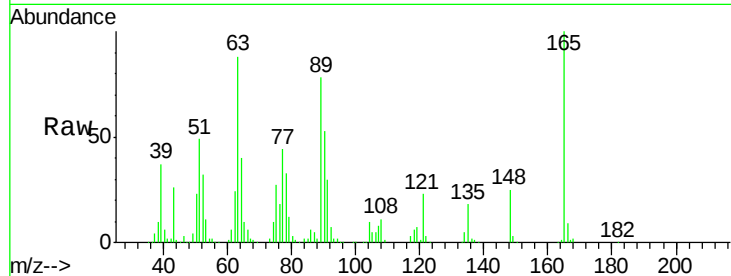




#50  
2,6-Dinitrotoluene  
Concen: 36.06 ng  
RT: 9.45 min Scan# 653  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

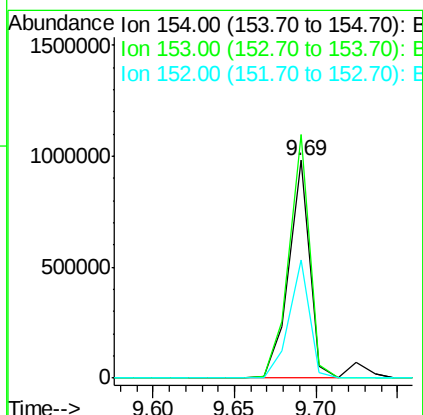
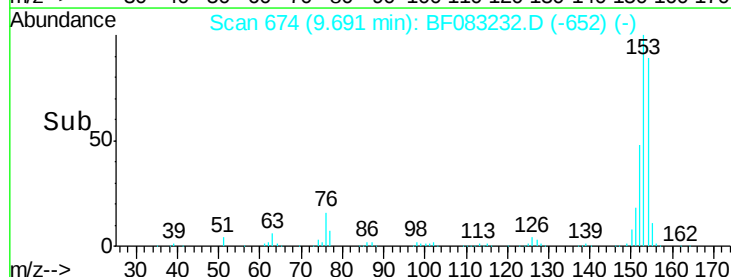
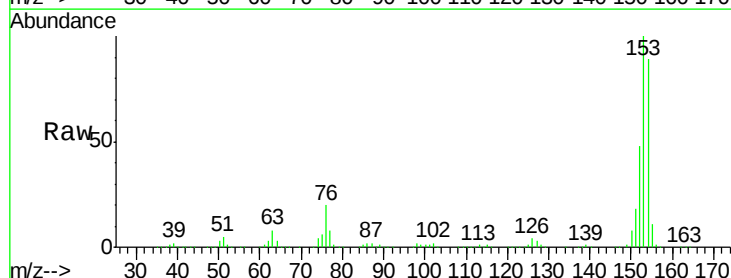
Instrument :  
BNA\_F  
ClientSampleId :

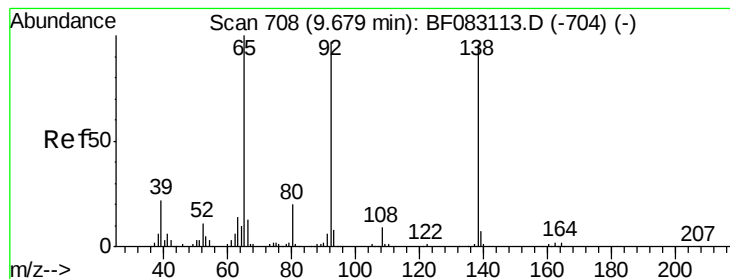
Tot Ion:165 Resp: 220843  
Ion Ratio Lower Upper  
165 100  
63 87.8 62.5 93.7  
89 78.1 59.1 88.7



#51  
Acenaphthene  
Concen: 39.10 ng  
RT: 9.69 min Scan# 674  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:154 Resp: 874090  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.6 134.4  
152 54.2 43.3 64.9





#52

3-Nitroaniline

Concen: 39.11 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampled :

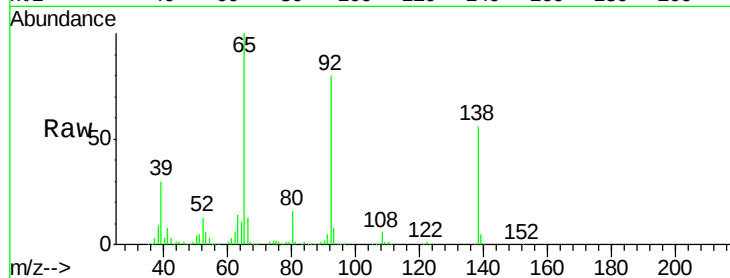
Tot Ion:138 Resp: 255417

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

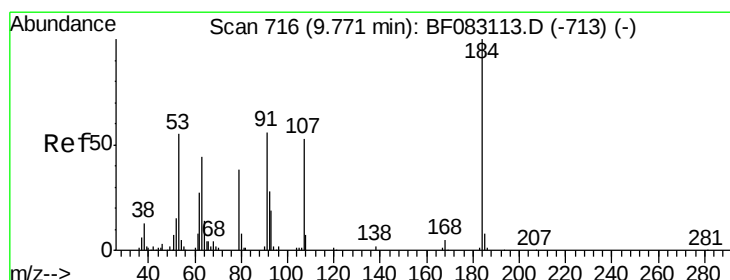
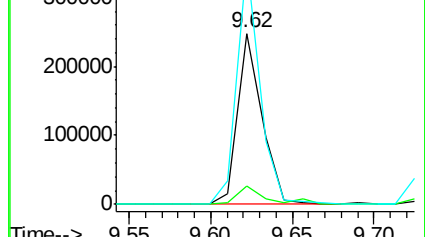
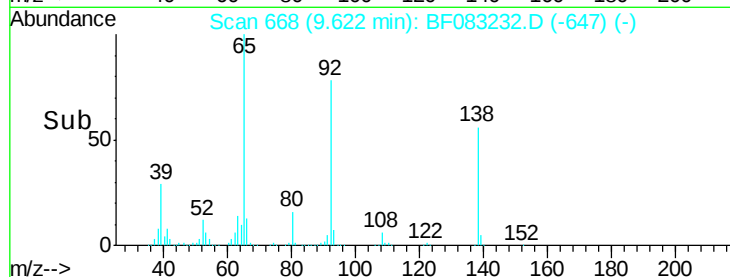
92 142.6 81.1 121.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 33.82 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

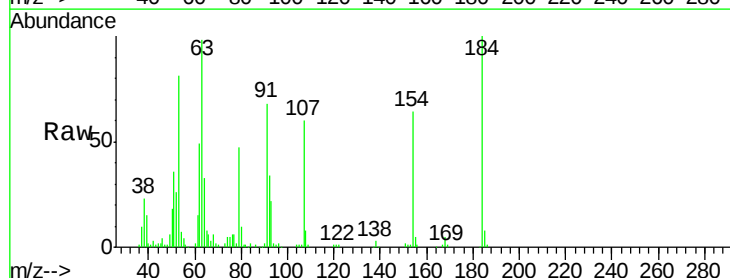
Tgt Ion:184 Resp: 119351

Ion Ratio Lower Upper

184 100

63 98.1 60.5 90.7#

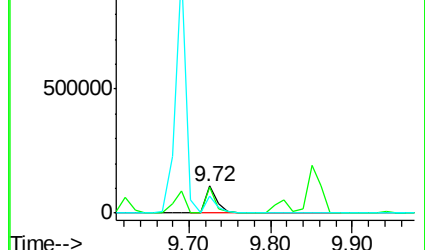
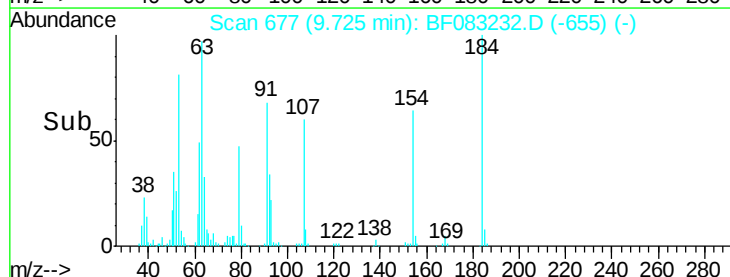
154 63.6 54.3 81.5

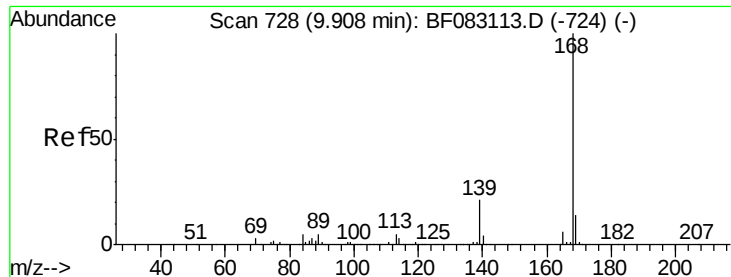


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

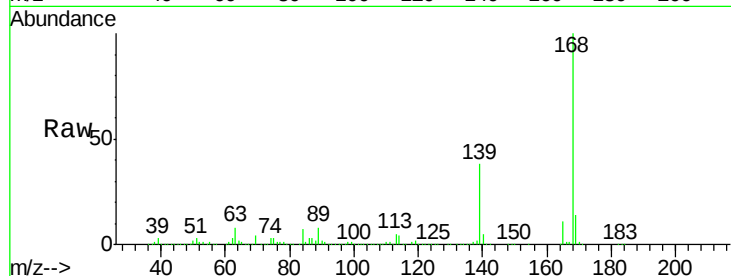




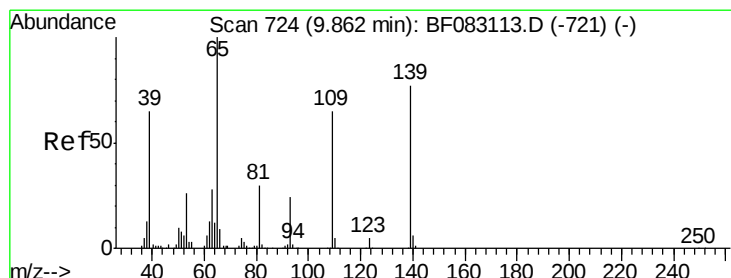
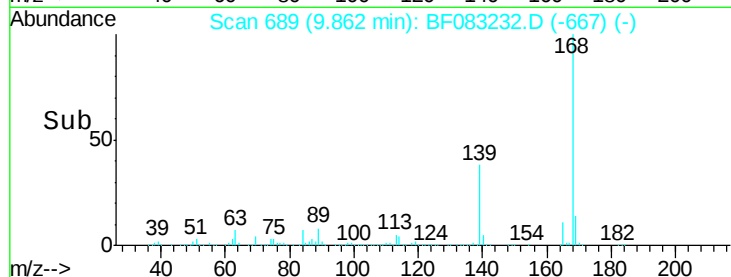
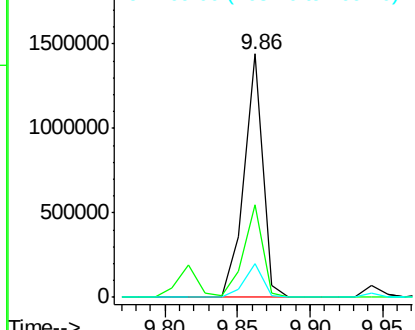
#54  
Dibenzofuran  
Concen: 40.78 ng  
RT: 9.86 min Scan# 689  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1289248  
Ion Ratio Lower Upper  
168 100  
139 38.1 30.2 45.2  
169 14.1 10.9 16.3

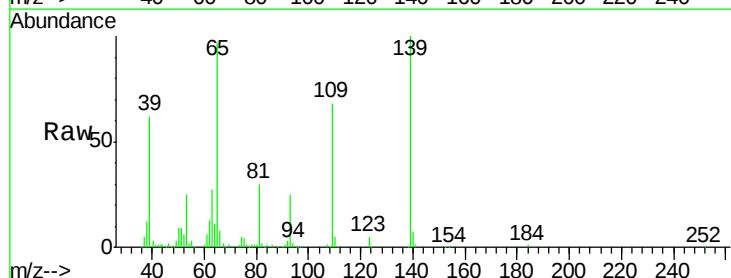


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

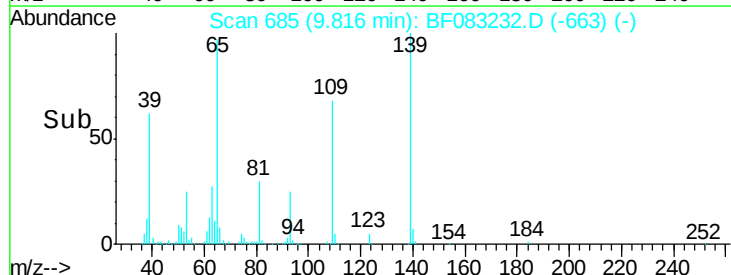
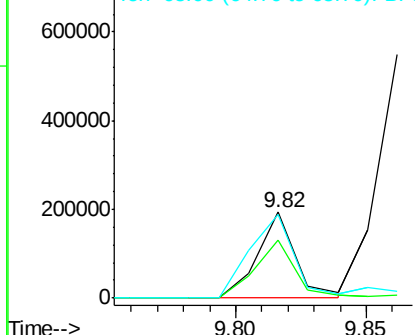


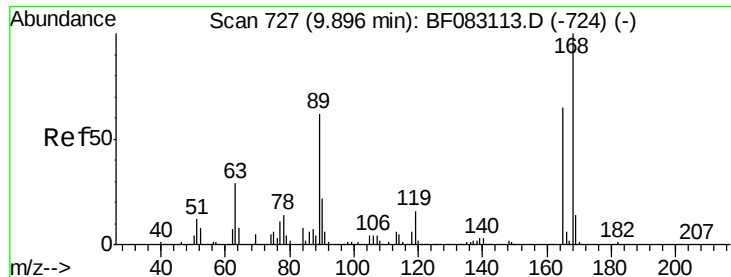
#55  
4-Nitrophenol  
Concen: 39.49 ng  
RT: 9.82 min Scan# 685  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:139 Resp: 197759  
Ion Ratio Lower Upper  
139 100  
109 68.3 64.0 104.0  
65 97.4 109.5 149.5#



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

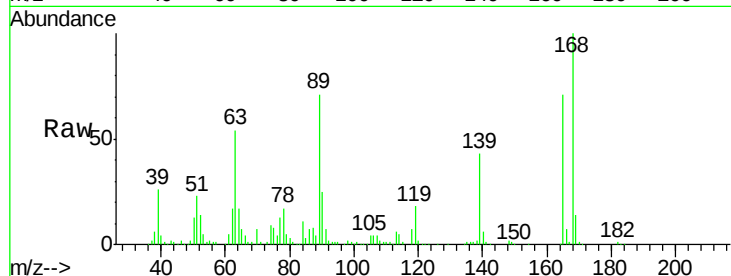




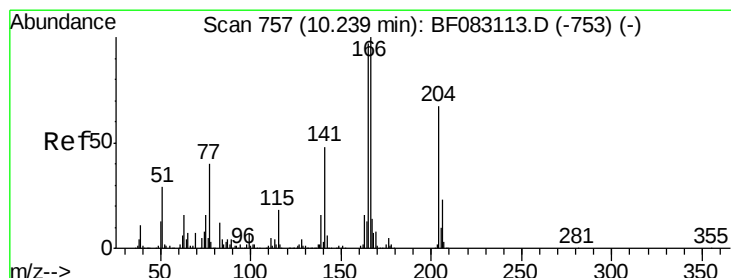
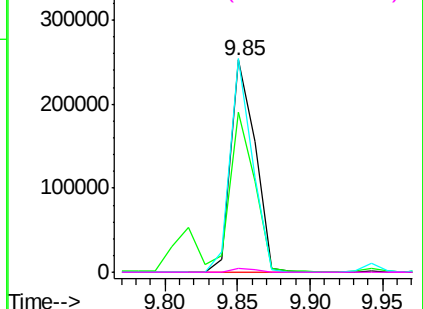
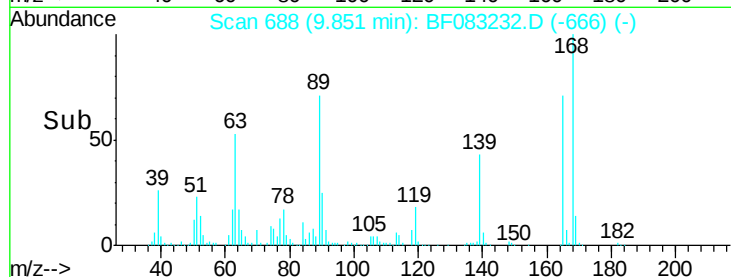
#56  
2,4-Dinitrotoluene  
Concen: 38.02 ng  
RT: 9.85 min Scan# 688  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 295057 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 75.8  | 54.5  | 81.7   |
| 89       | 100.8 | 77.3  | 115.9  |
| 182      | 1.9   | 1.8   | 2.6    |

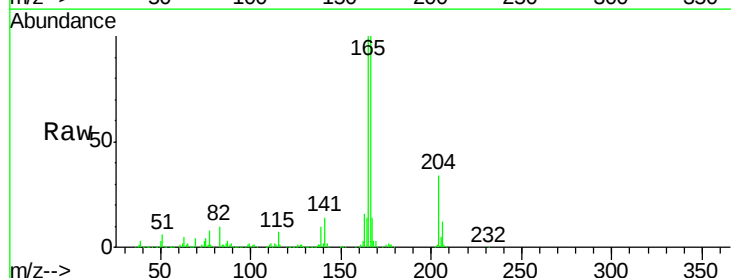


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

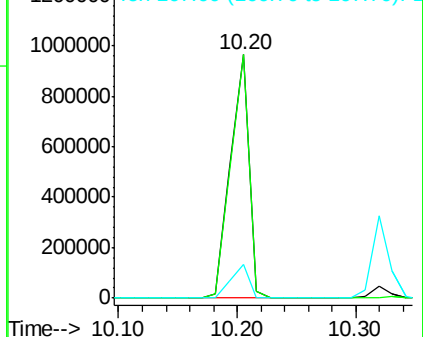
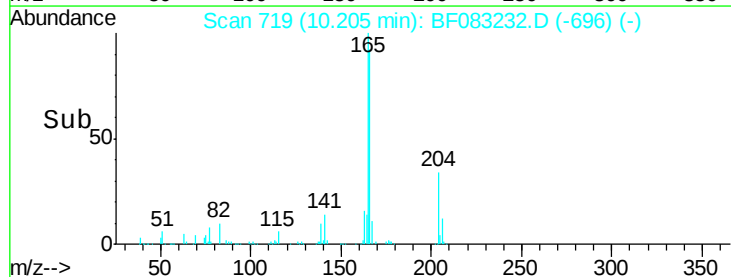


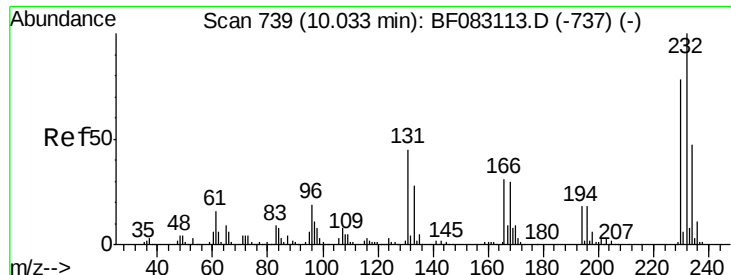
#57  
Fluorene  
Concen: 39.98 ng  
RT: 10.20 min Scan# 719  
Delta R.T. -0.03 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1044465 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 99.9  | 78.0  | 117.0   |
| 167      | 13.8  | 11.3  | 16.9    |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

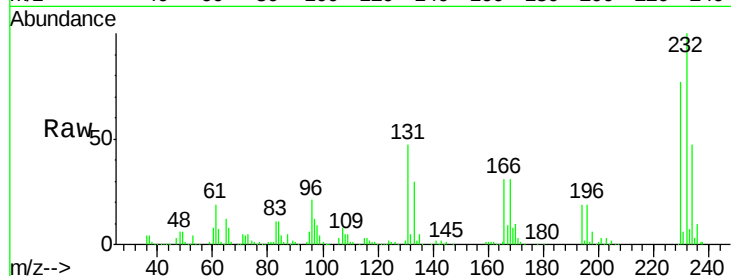




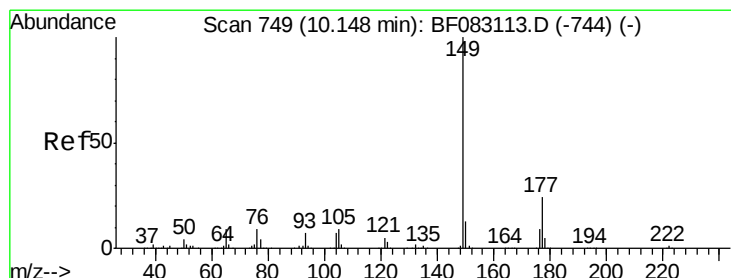
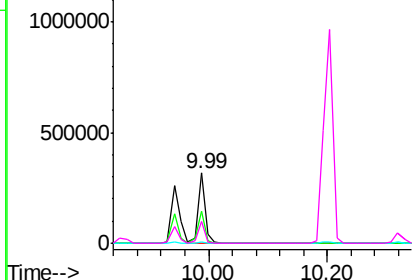
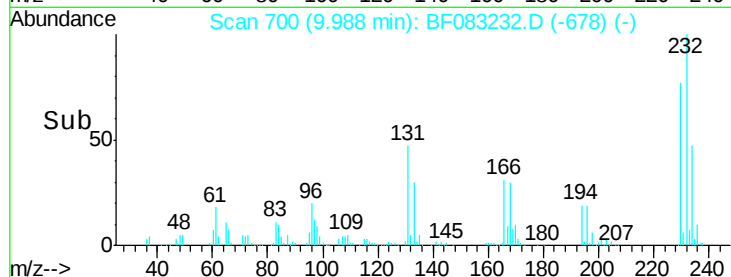
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.91 ng  
 RT: 9.99 min Scan# 700  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:232 Resp: 275523  
 Ion Ratio Lower Upper  
 232 100  
 131 46.5 38.6 57.8  
 130 2.1 1.9 2.9  
 166 30.7 25.4 38.0

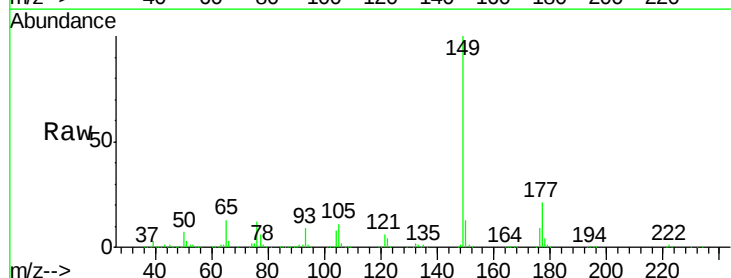


Abundance Ion 232.00 (231.70 to 232.70): E  
 1500000  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

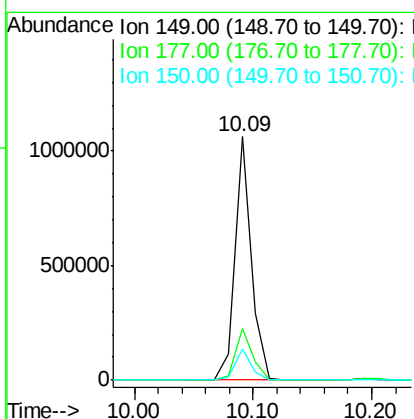
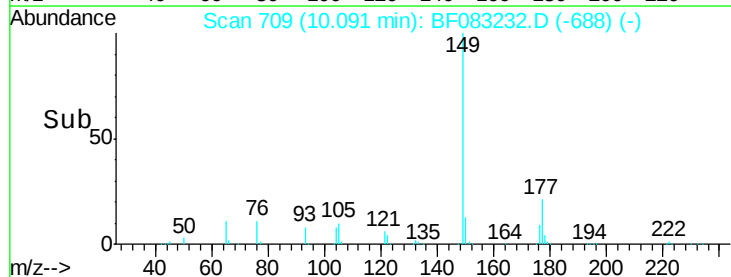


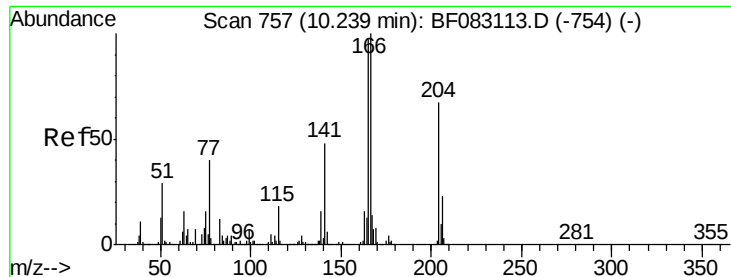
#59  
 Diethylphthalate  
 Concen: 37.38 ng  
 RT: 10.09 min Scan# 709  
 Delta R.T. -0.06 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion:149 Resp: 1015780  
 Ion Ratio Lower Upper  
 149 100  
 177 21.3 19.4 29.2  
 150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
 1000000  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 36.82 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

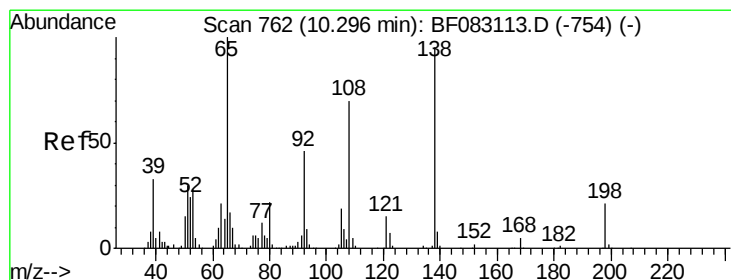
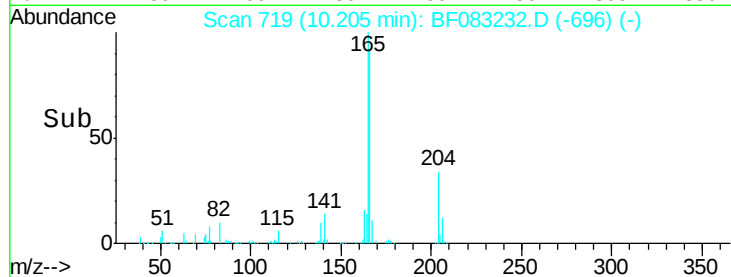
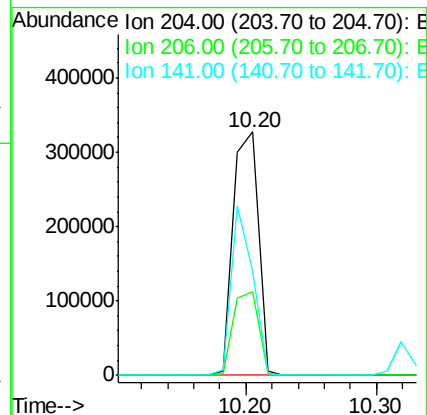
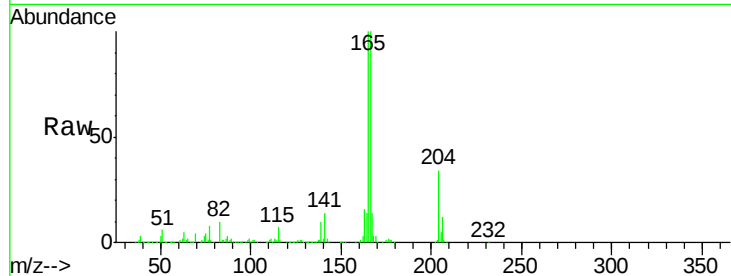
Tot Ion:204 Resp: 440550

Ion Ratio Lower Upper

204 100

206 34.2 27.4 41.0

141 42.7 57.4 86.2#



#61

4-Nitroaniline

Concen: 42.90 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

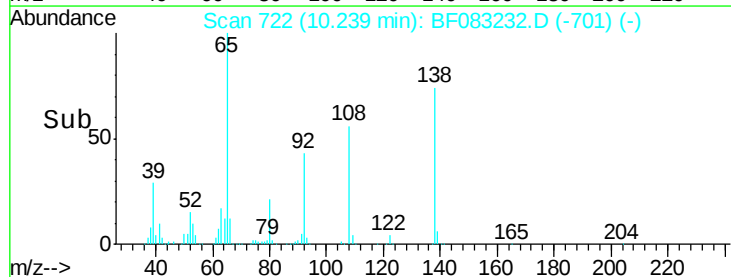
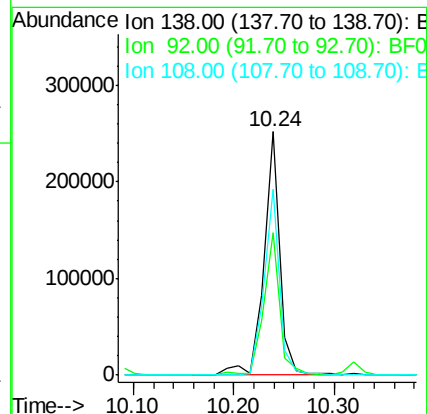
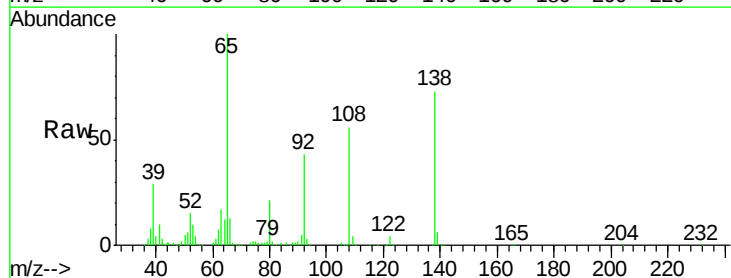
Tgt Ion:138 Resp: 275818

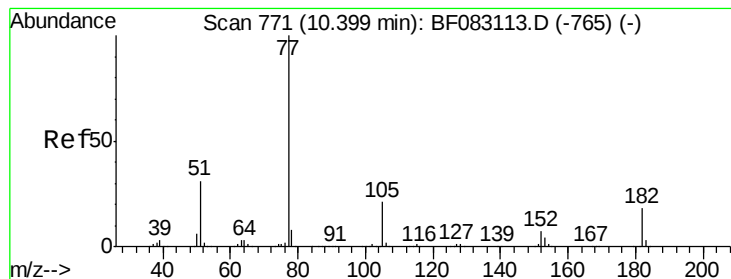
Ion Ratio Lower Upper

138 100

92 58.3 28.4 68.4

108 76.5 53.5 93.5





#62

Azobenzene

Concen: 39.65 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1229611

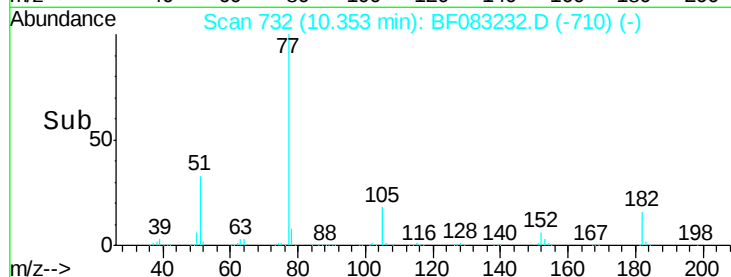
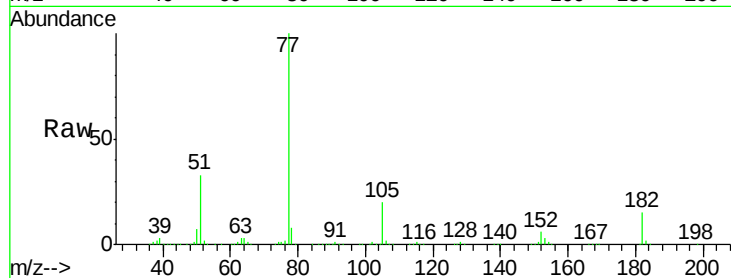
Ion Ratio Lower Upper

77 100

182 15.4 0.0 38.3

105 20.1 1.2 41.2

51 32.8 11.1 51.1

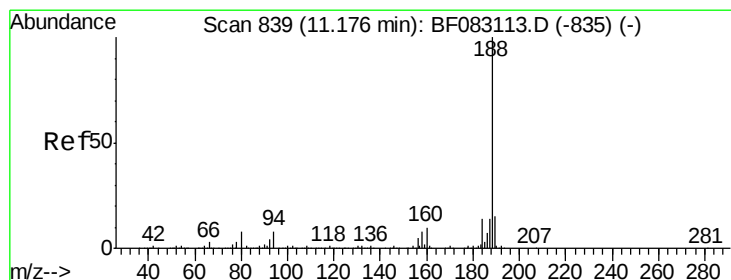
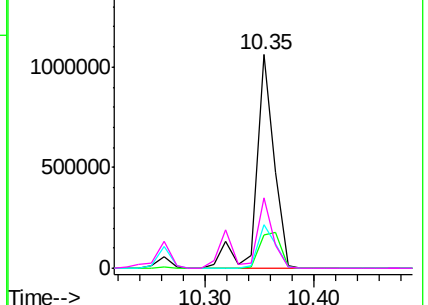


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

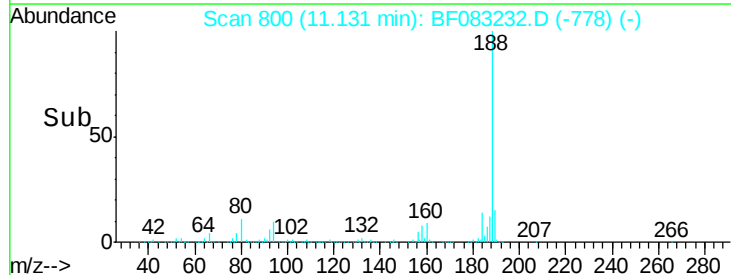
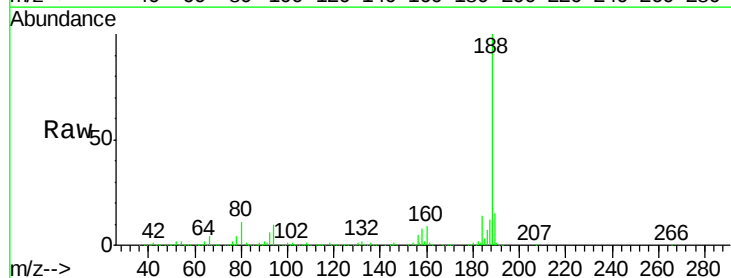
Tgt Ion: 188 Resp: 666542

Ion Ratio Lower Upper

188 100

94 10.2 6.0 9.0#

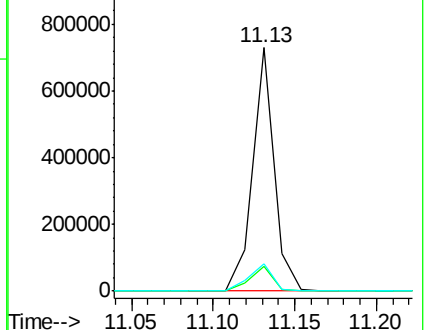
80 11.4 6.7 10.1#

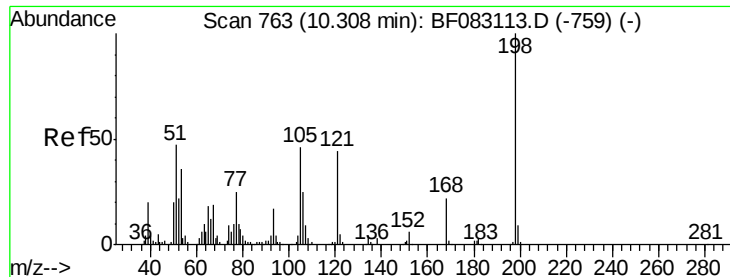


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 38.84 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

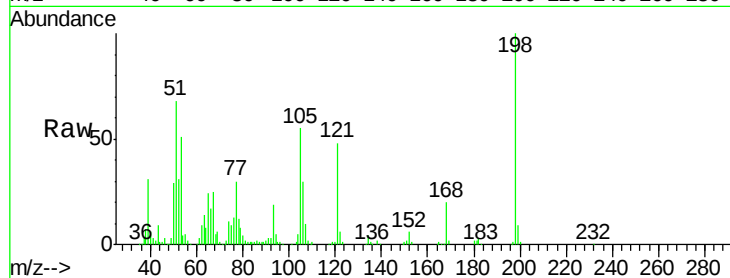
Tot Ion:198 Resp: 178376

Ion Ratio Lower Upper

198 100

51 68.0 27.0 67.0#

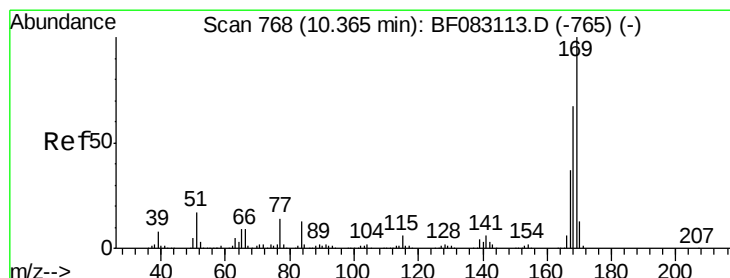
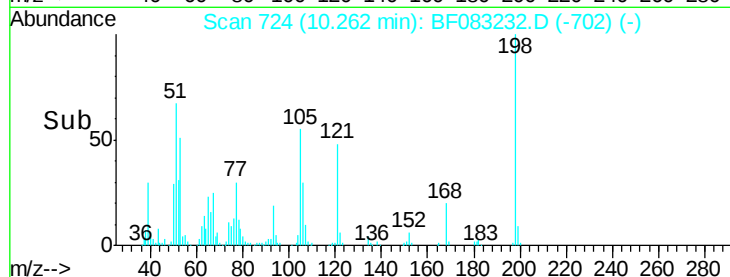
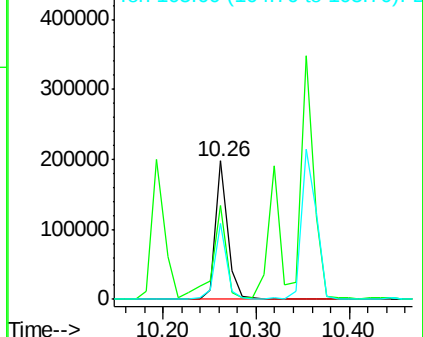
105 55.0 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.98 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

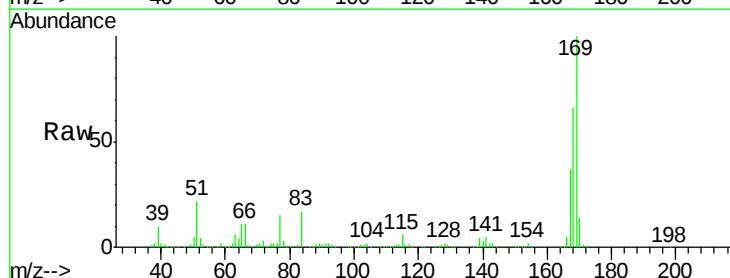
Tgt Ion:169 Resp: 860896

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.6

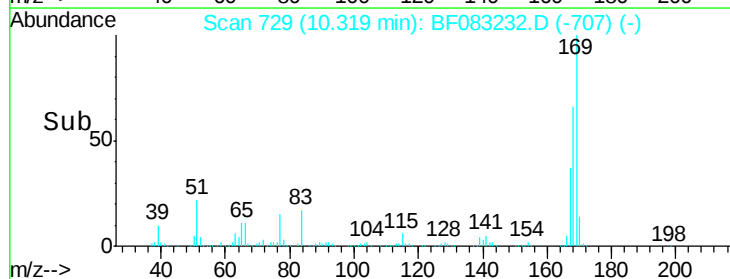
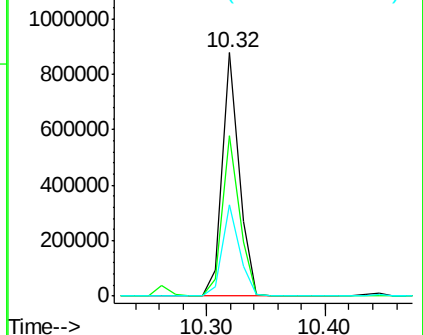
167 37.4 29.8 44.8

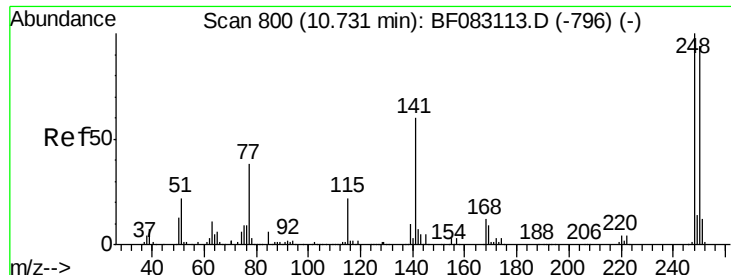


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

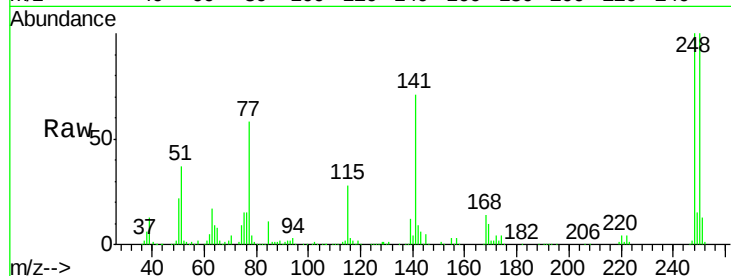




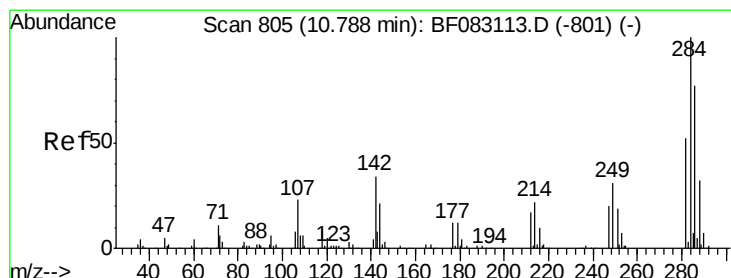
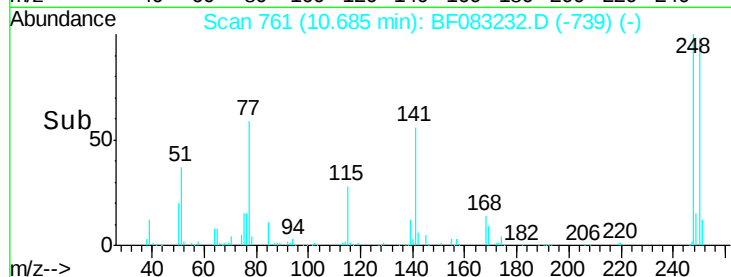
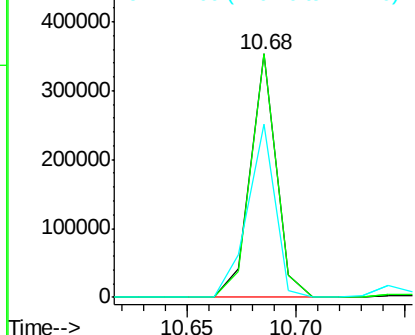
#66  
4-Bromophenyl-phenylether  
Concen: 39.65 ng  
RT: 10.68 min Scan# 761  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 293284  
Ion Ratio Lower Upper  
248 100  
250 99.8 75.4 113.2  
141 70.9 48.1 72.1

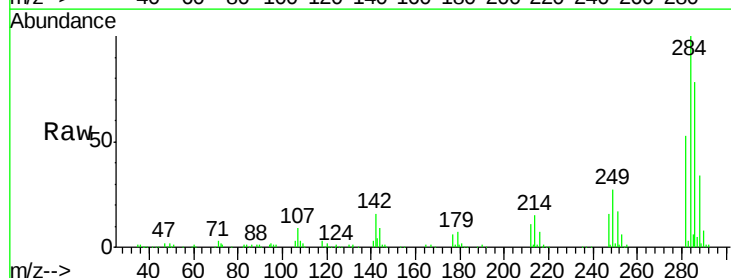


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

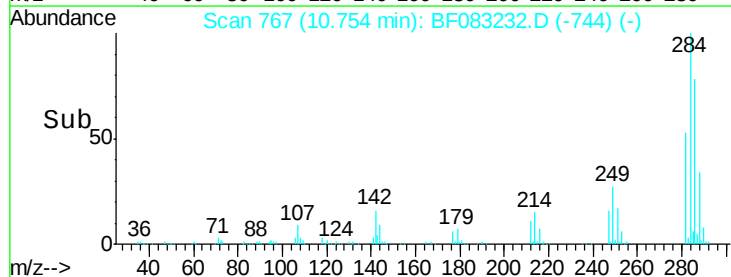
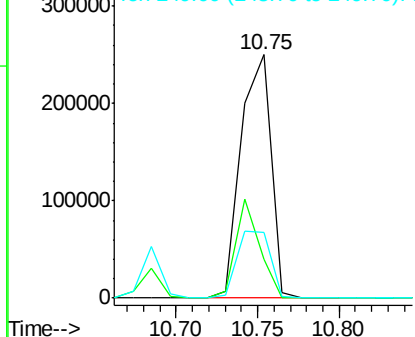


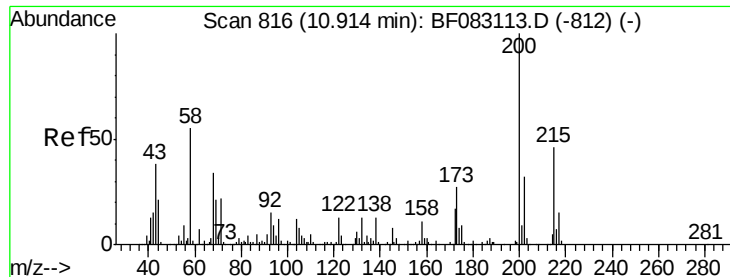
#67  
Hexachlorobenzene  
Concen: 39.07 ng  
RT: 10.75 min Scan# 767  
Delta R.T. -0.03 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:284 Resp: 318241  
Ion Ratio Lower Upper  
284 100  
142 16.0 27.6 41.4#  
249 27.2 25.5 38.3



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

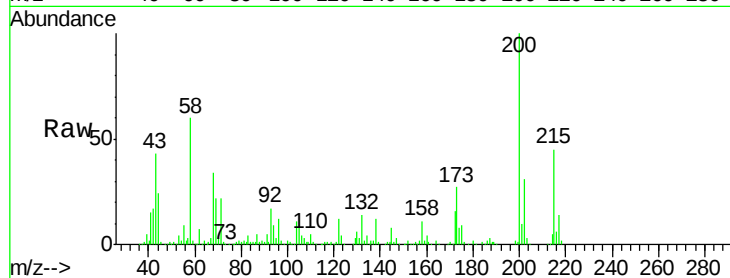




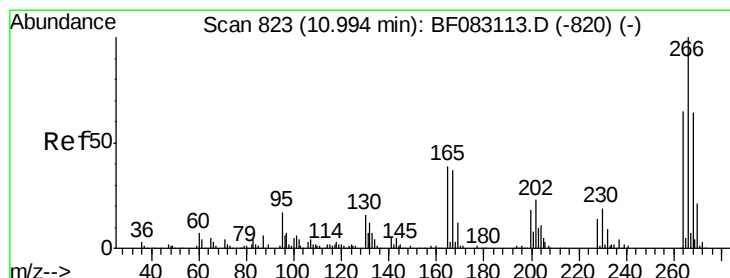
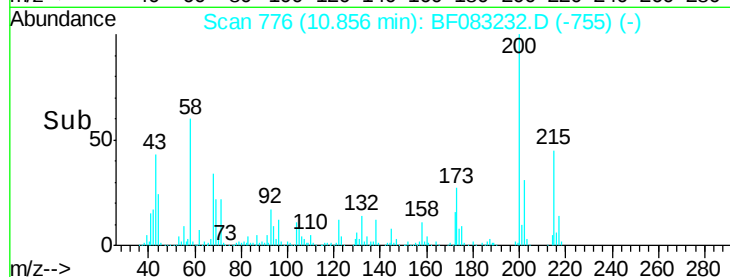
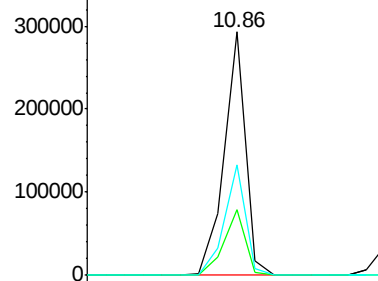
#68  
Atrazine  
Concen: 40.54 ng  
RT: 10.86 min Scan# 776  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.2  | 7.2   | 47.2  |
| 215     | 45.2  | 25.7  | 65.7  |

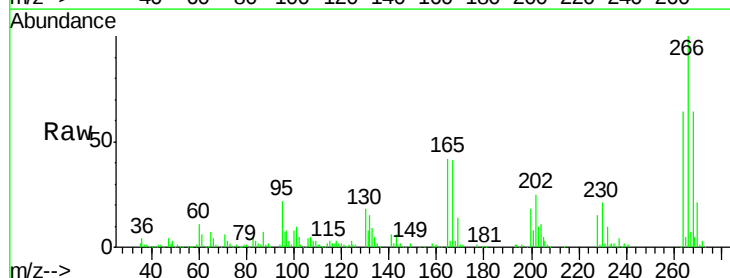


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

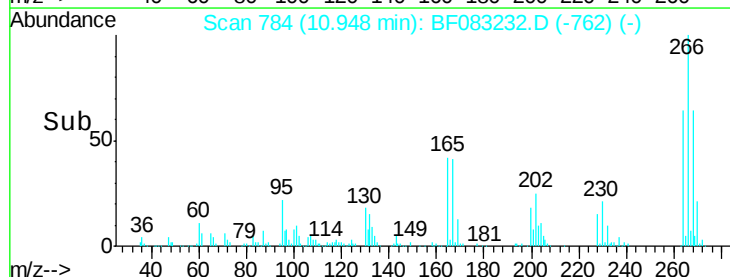
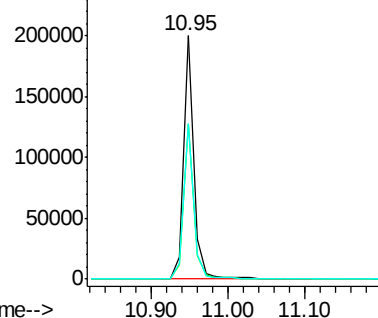


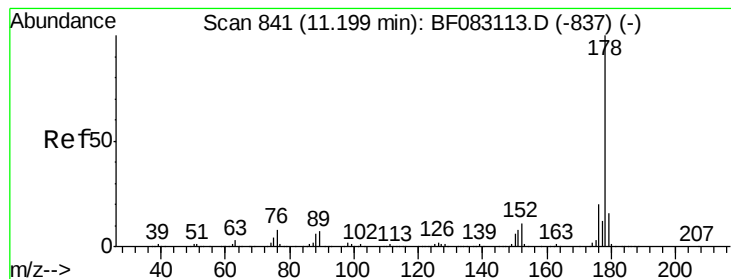
#69  
Pentachlorophenol  
Concen: 34.63 ng  
RT: 10.95 min Scan# 784  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.4  | 77.0  |
| 264     | 64.0  | 51.7  | 77.5  |



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: 37.08 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

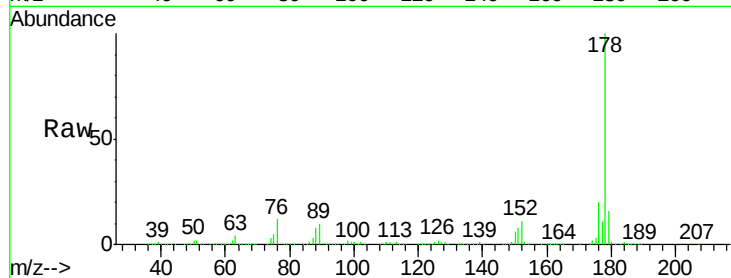
Tot Ion:178 Resp: 1423961

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.1  | 16.2  | 24.2  |
| 179 | 16.4  | 12.8  | 19.2  |

178 100

176 20.1 16.2 24.2

179 16.4 12.8 19.2

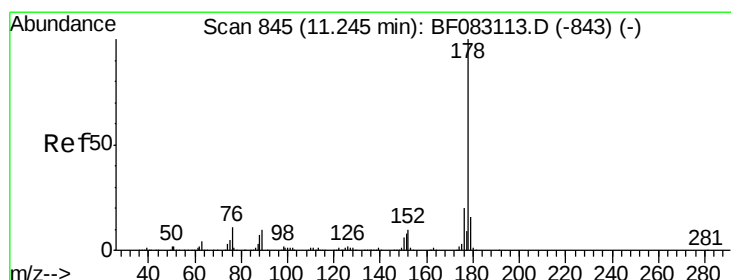
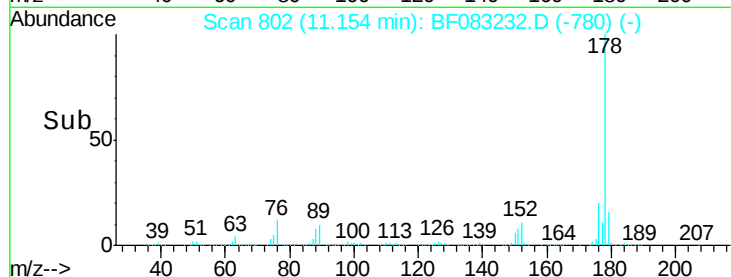
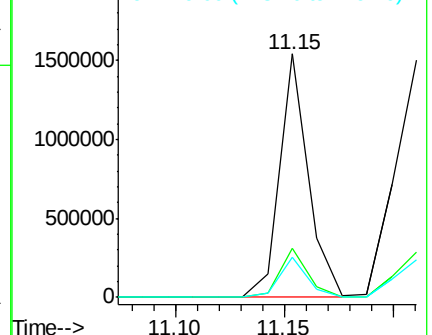


Abundance

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: 40.27 ng

RT: 11.21 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

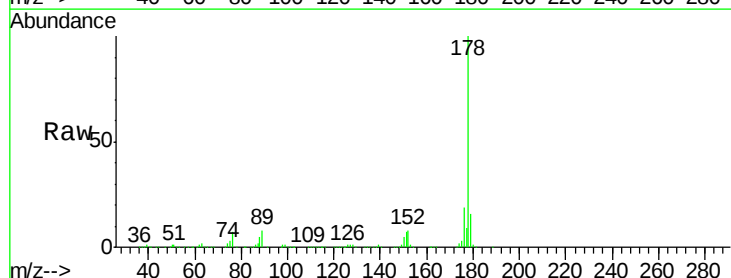
Tgt Ion:178 Resp: 1577953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.1  | 15.6  | 23.4  |
| 179 | 15.7  | 13.2  | 19.8  |

178 100

176 19.1 15.6 23.4

179 15.7 13.2 19.8

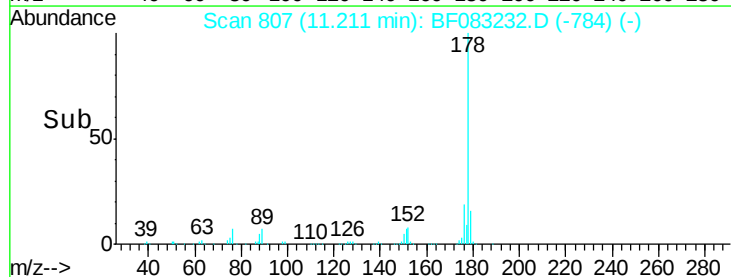
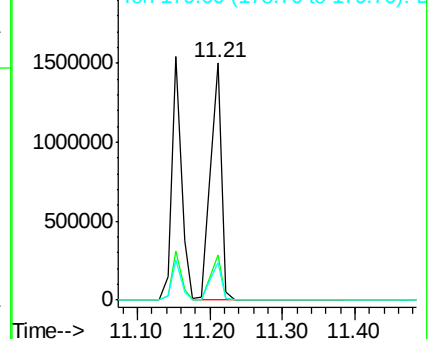


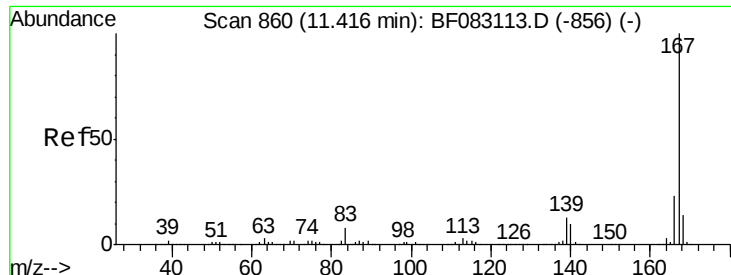
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

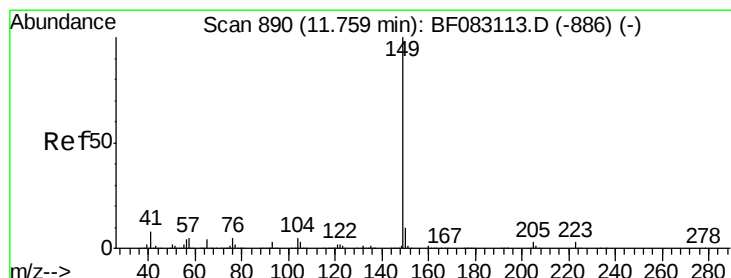
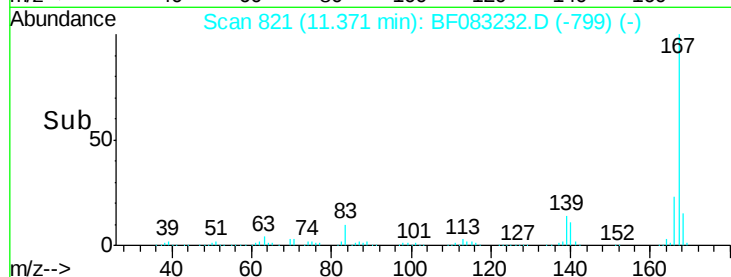
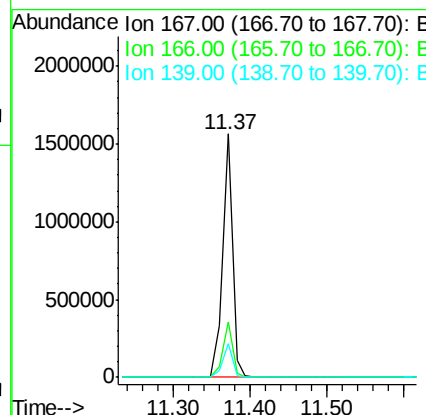
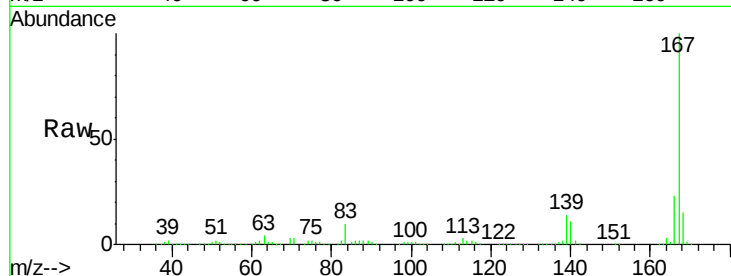




#72  
 Carbazole  
 Concen: 40.00 ng  
 RT: 11.37 min Scan# 821  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

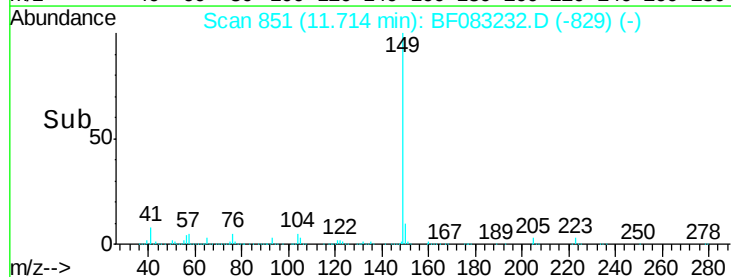
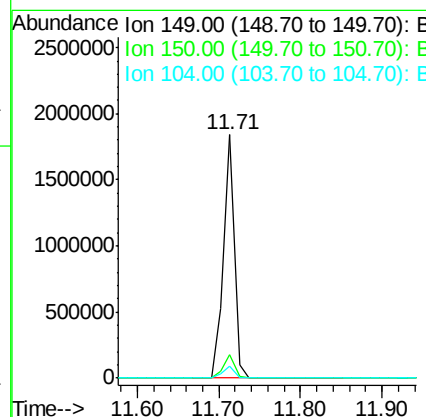
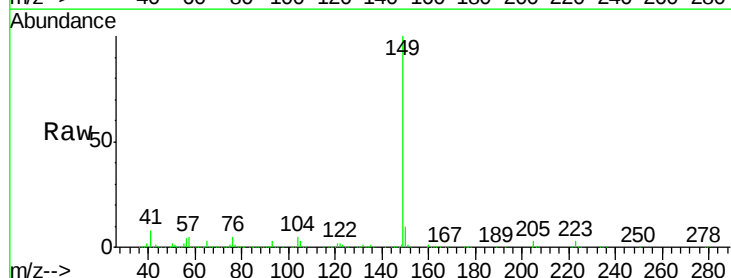
Instrument :  
 BNA\_F  
 ClientSampleId :

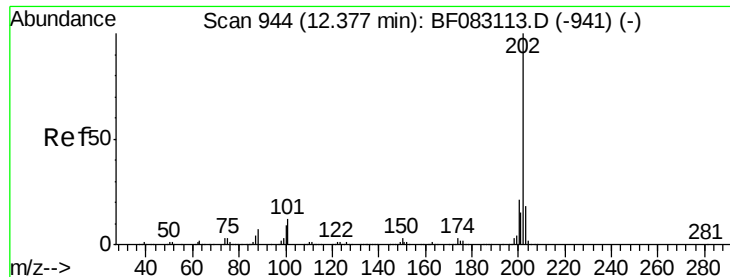
Tot Ion:167 Resp: 1393083  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.0 27.0  
 139 13.8 10.5 15.7



#73  
 Di-n-butylphthalate  
 Concen: 39.98 ng  
 RT: 11.71 min Scan# 851  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion:149 Resp: 1699380  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 8.0 12.0  
 104 5.0 4.4 6.6





#74

Fluoranthene

Concen: 39.79 ng

RT: 12.34 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

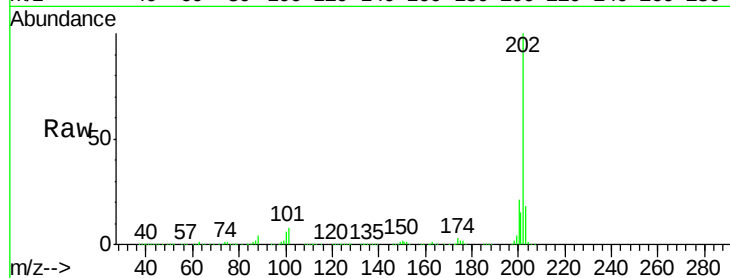
Tot Ion:202 Resp: 1563928

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.3

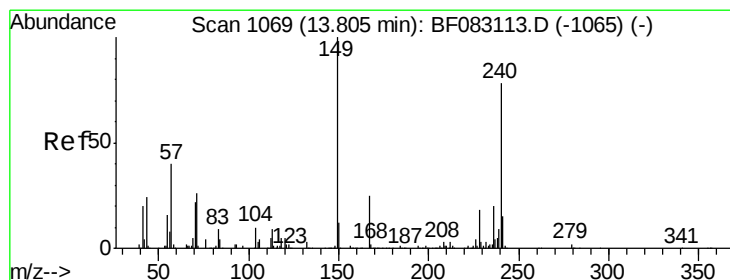
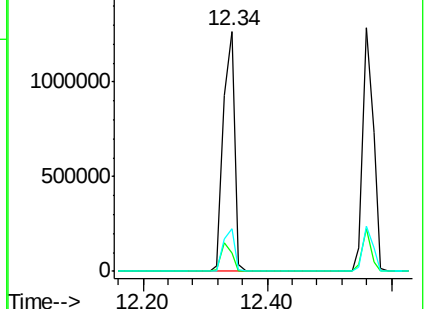
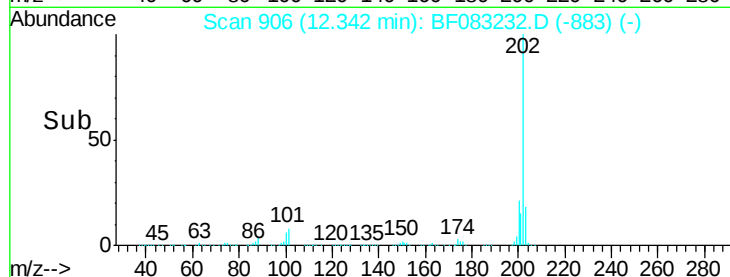
203 18.0 0.0 38.4



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: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

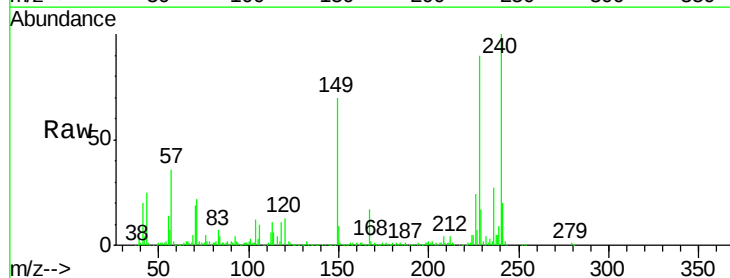
Tgt Ion:240 Resp: 503635

Ion Ratio Lower Upper

240 100

120 13.0 5.4 8.2#

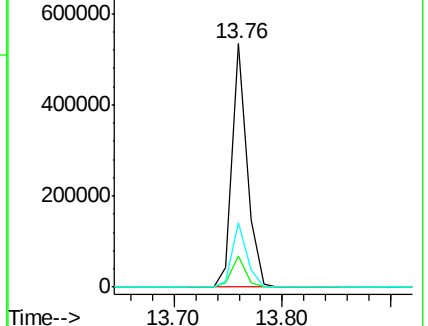
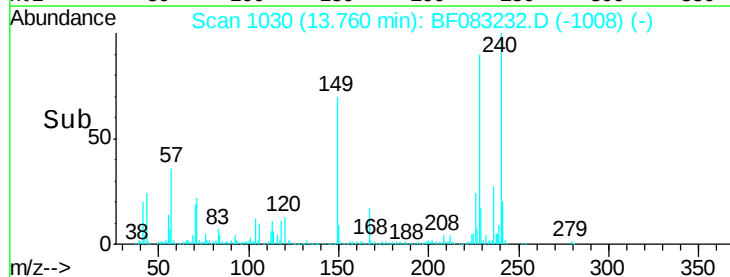
236 26.5 20.6 31.0

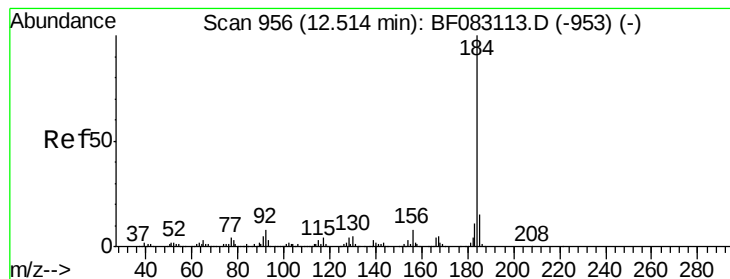


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 44.15 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

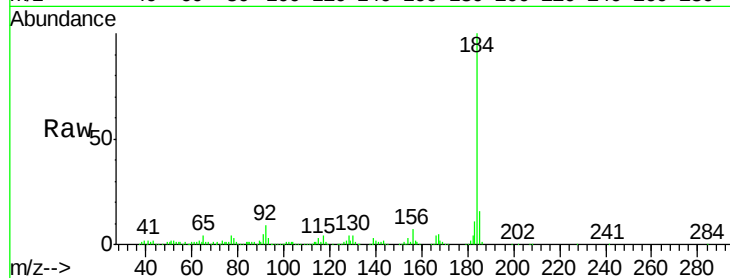
Tot Ion:184 Resp: 582788

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

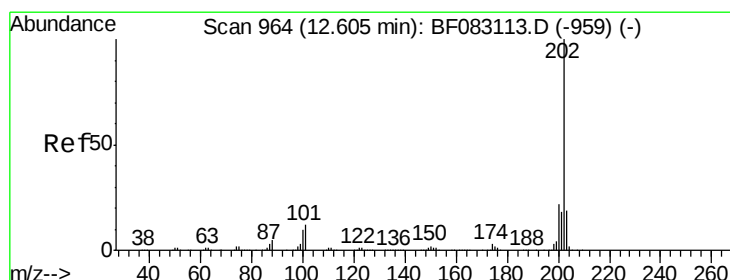
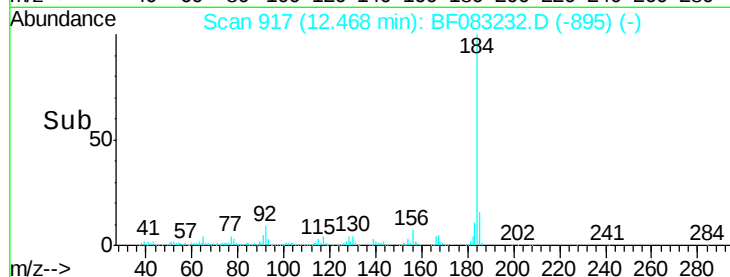
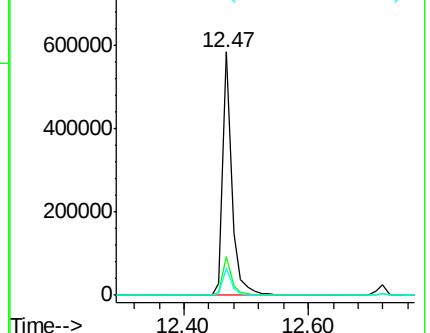
183 11.4 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 43.26 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

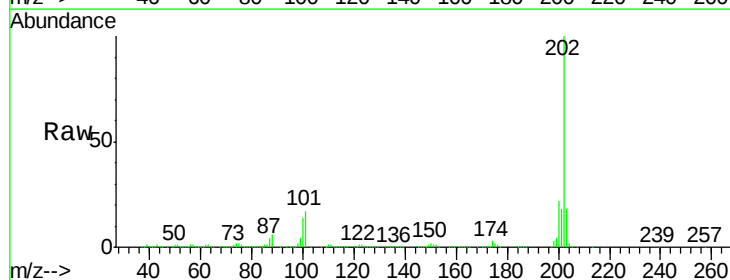
Tgt Ion:202 Resp: 1488513

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

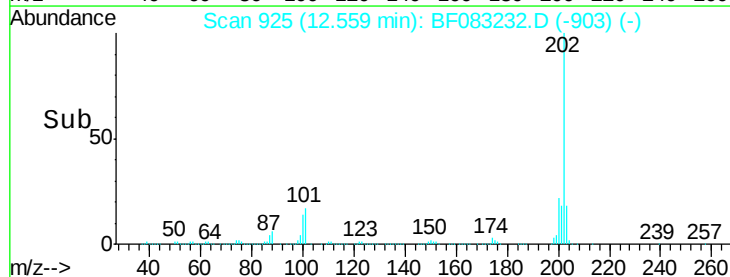
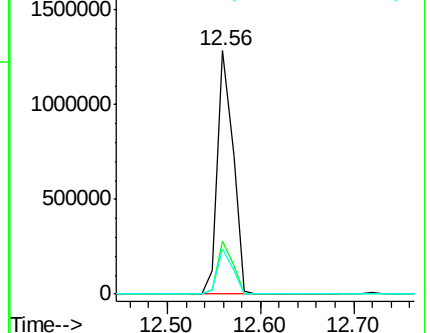
203 18.5 15.0 22.4

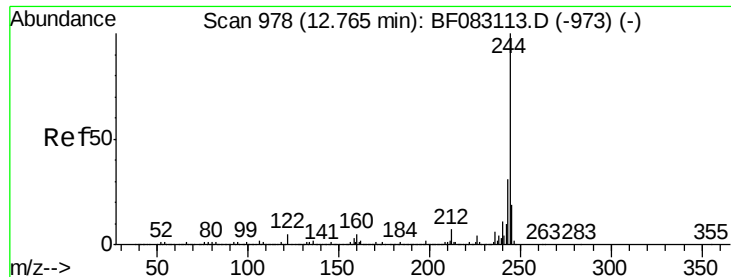


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

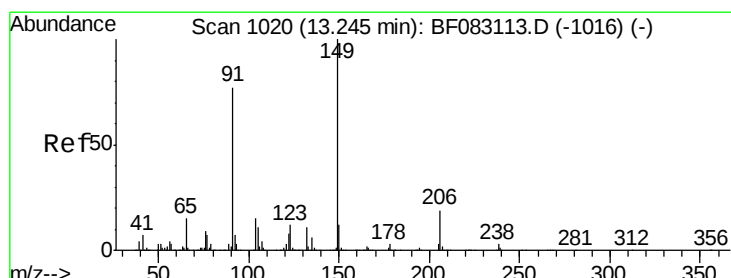
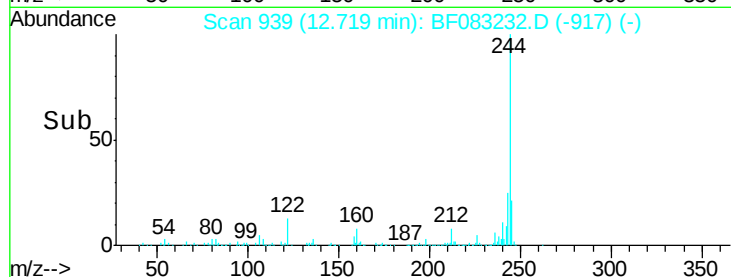
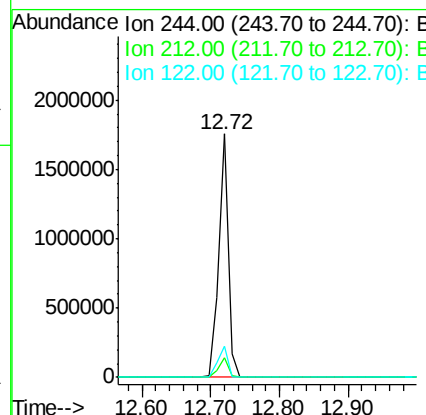
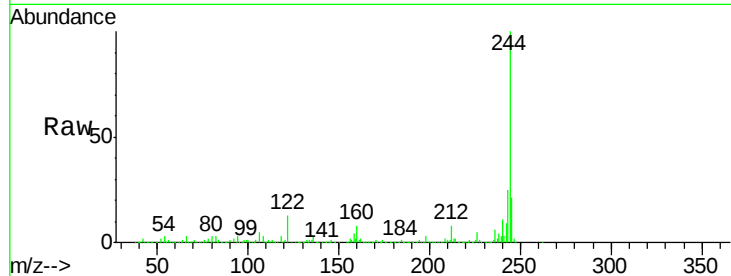




#78  
 Terphenyl-d14  
 Concen: 81.25 ng  
 RT: 12.72 min Scan# 939  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

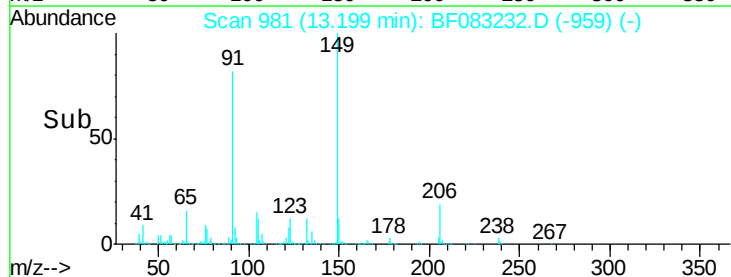
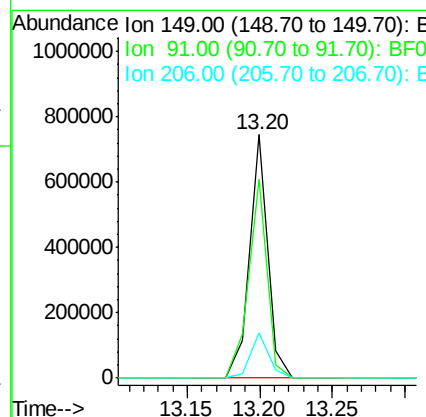
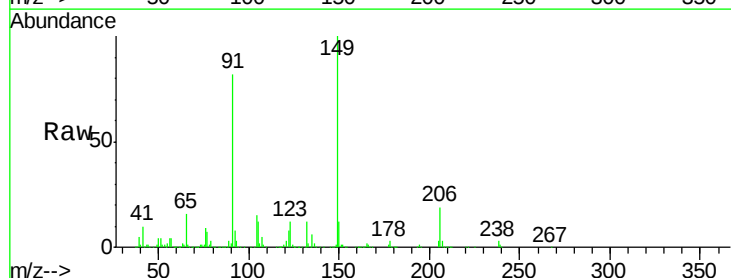
Instrument :  
 BNA\_F  
 ClientSampleId :

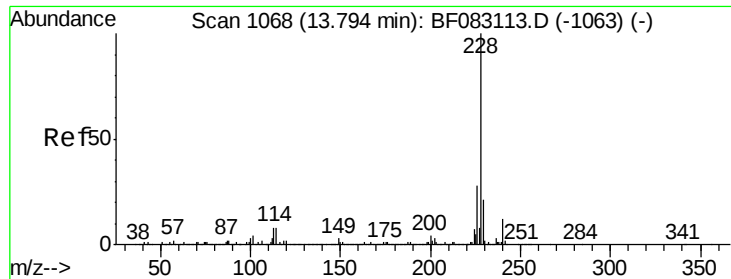
Tot Ion:244 Resp: 1737726  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 5.4 8.2  
 122 12.6 4.3 6.5#



#79  
 Butylbenzylphthalate  
 Concen: 39.94 ng  
 RT: 13.20 min Scan# 981  
 Delta R.T. -0.05 min  
 Lab File: BF083232.D  
 Acq: 24 Nov 2015 12:46

Tgt Ion:149 Resp: 650472  
 Ion Ratio Lower Upper  
 149 100  
 91 81.9 61.5 92.3  
 206 18.8 15.3 22.9

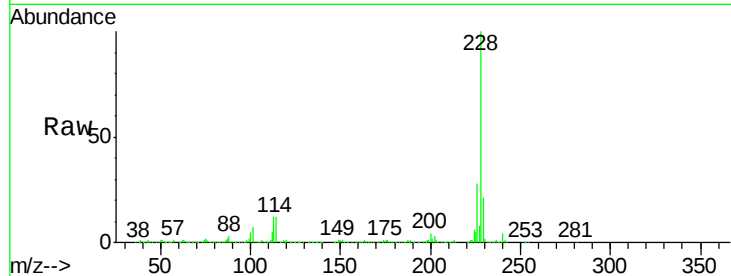




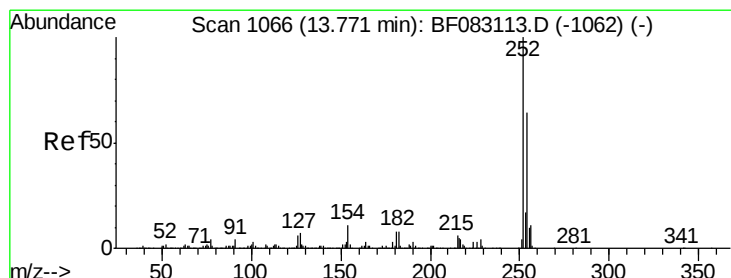
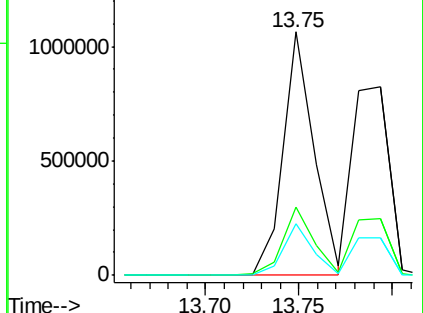
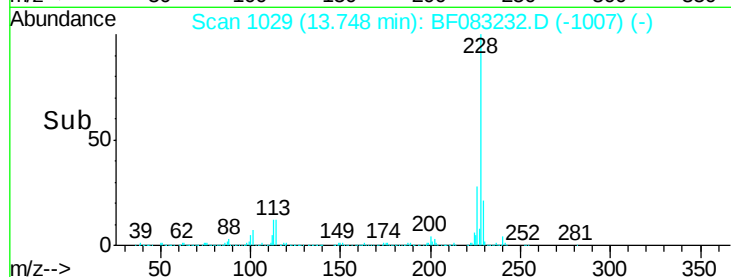
#80  
Benzo(a)anthracene  
Concen: 39.57 ng  
RT: 13.75 min Scan# 1029  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 1232438  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.6 33.8  
229 21.0 16.6 24.8

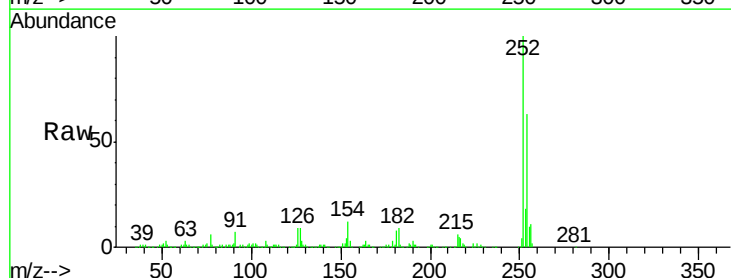


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

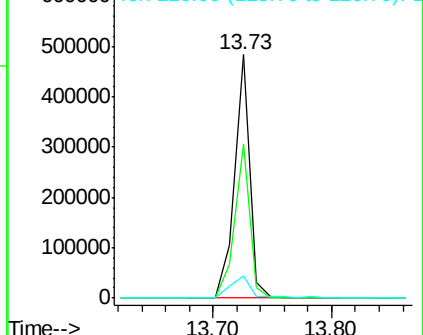
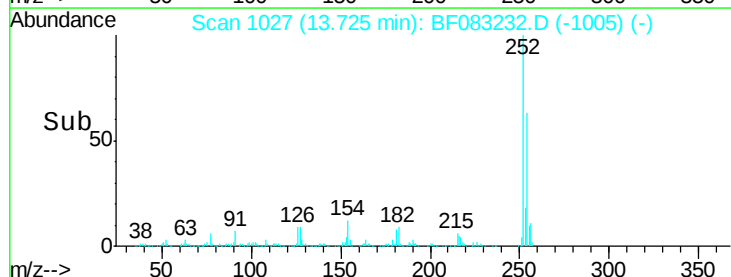


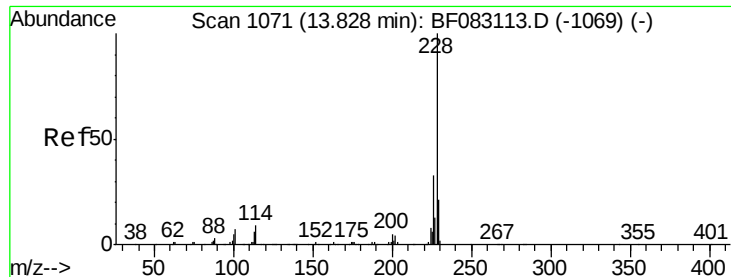
#81  
3,3'-Dichlorobenzidine  
Concen: 39.77 ng  
RT: 13.73 min Scan# 1027  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:252 Resp: 431124  
Ion Ratio Lower Upper  
252 100  
254 63.2 51.5 77.3  
126 9.0 5.2 7.8#



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





#82

Chrysene

Concen: 39.57 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

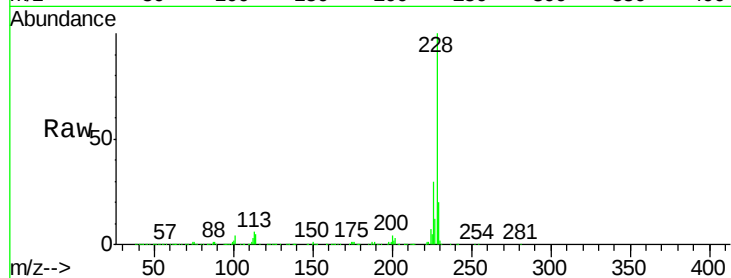
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 1143094

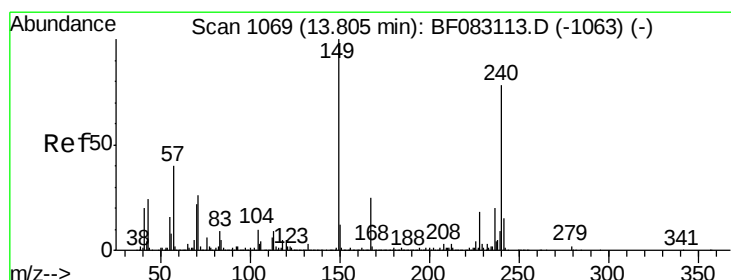
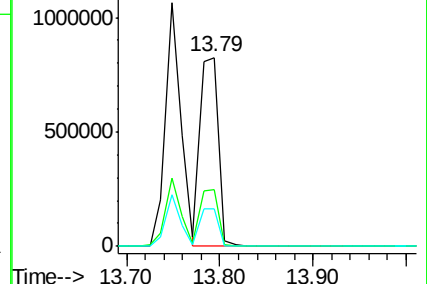
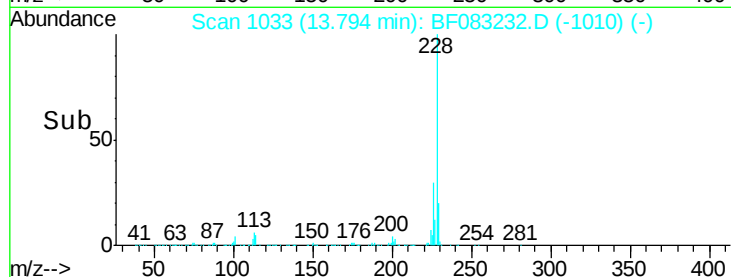
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 25.5  | 38.3  |
| 229 | 19.7  | 16.6  | 25.0  |



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: 36.97 ng

RT: 13.77 min Scan# 1031

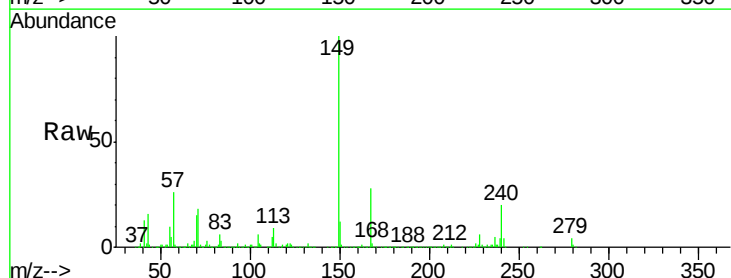
Delta R.T. -0.03 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Tgt Ion:149 Resp: 786254

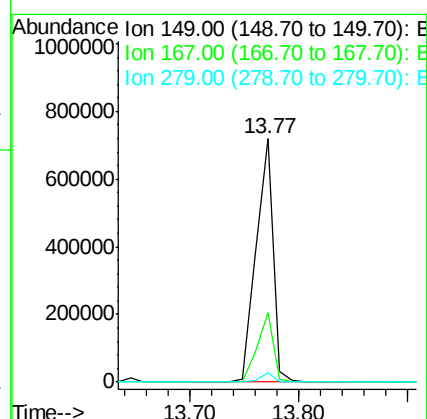
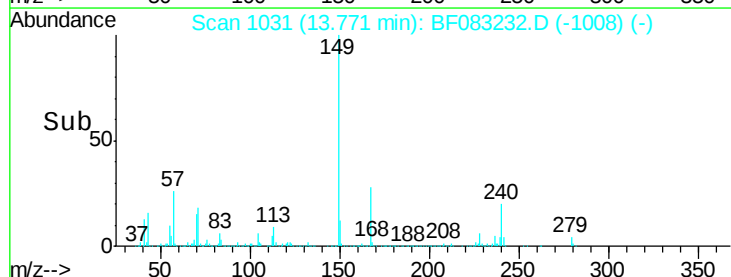
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 20.1  | 30.1  |
| 279 | 3.7   | 1.7   | 2.5#  |

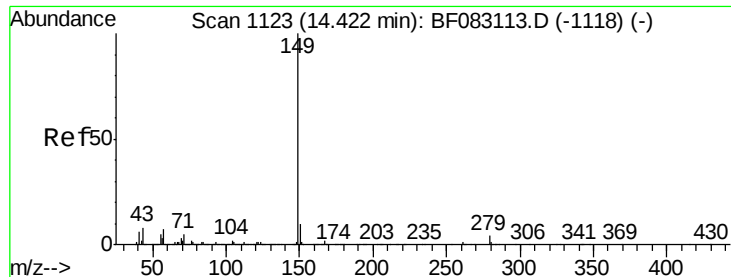


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 30.43 ng

RT: 14.38 min Scan# 1084

Delta R.T. -0.05 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

Instrument :

BNA\_F

ClientSampleId :

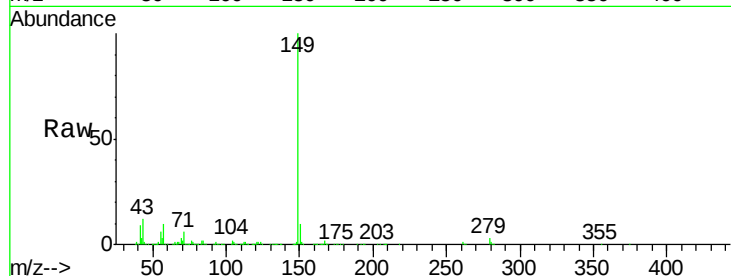
Tot Ion:149 Resp: 1114246

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

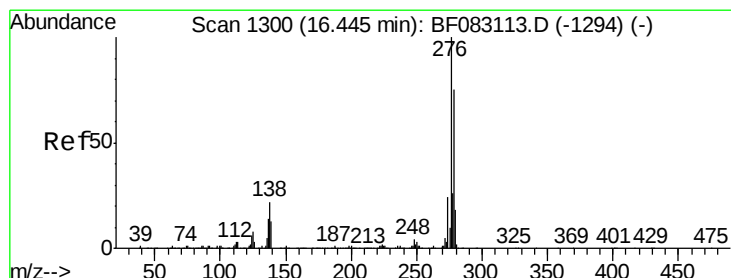
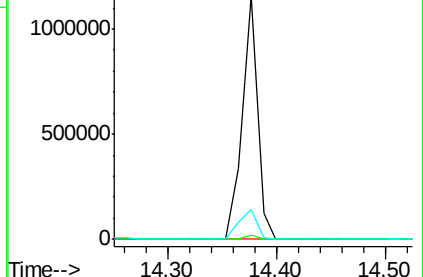
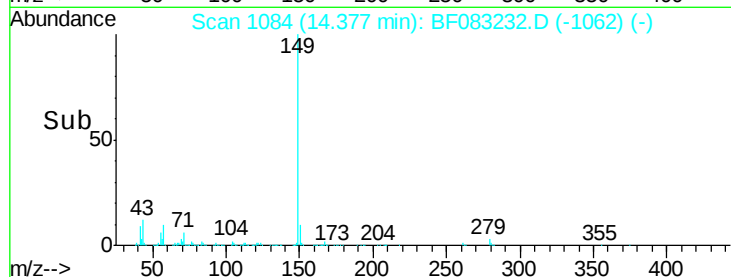
43 14.1 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.04 ng

RT: 16.37 min Scan# 1258

Delta R.T. -0.08 min

Lab File: BF083232.D

Acq: 24 Nov 2015 12:46

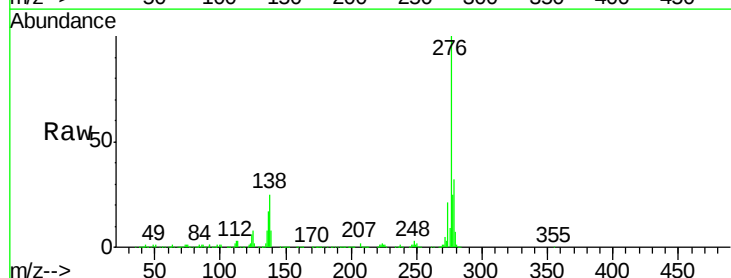
Tgt Ion:276 Resp: 1025688

Ion Ratio Lower Upper

276 100

138 25.9 18.0 27.0

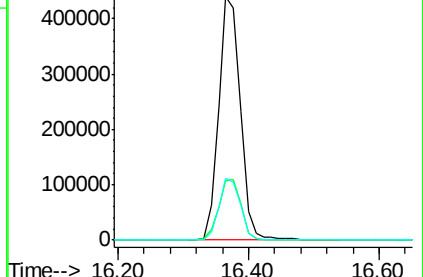
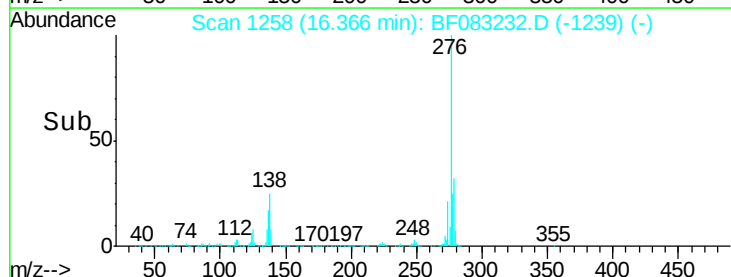
277 25.2 20.2 30.4

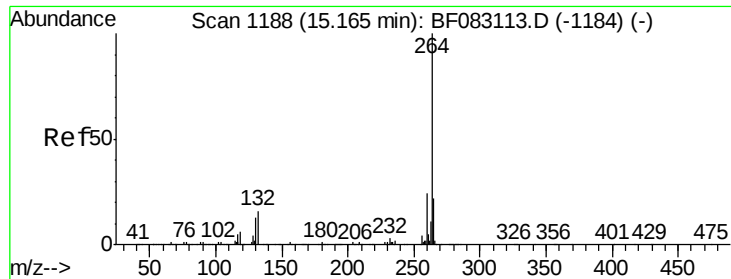


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

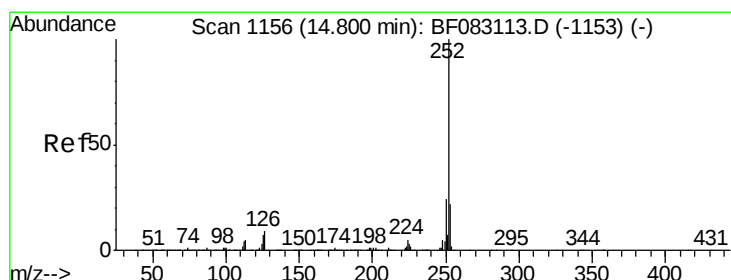
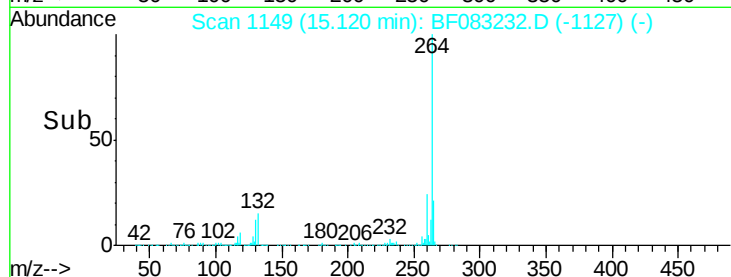
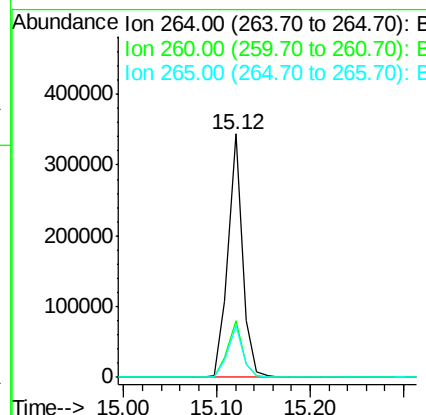
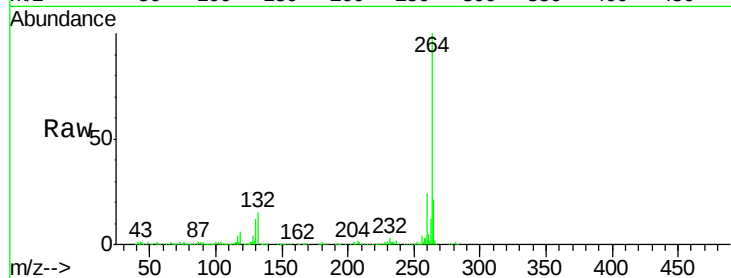




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.12 min Scan# 1149  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

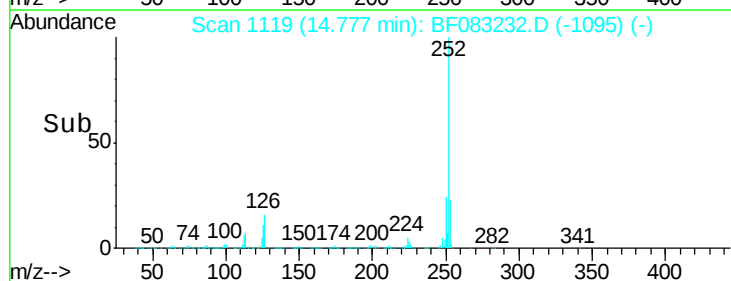
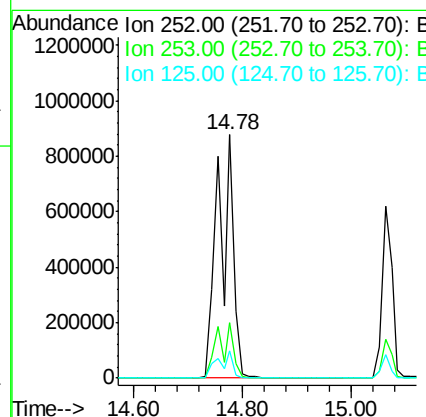
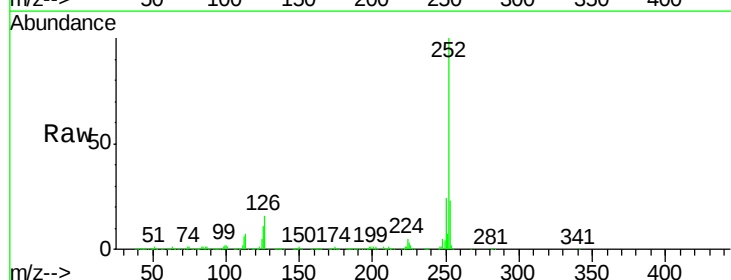
Instrument :  
BNA\_F  
ClientSampleId :

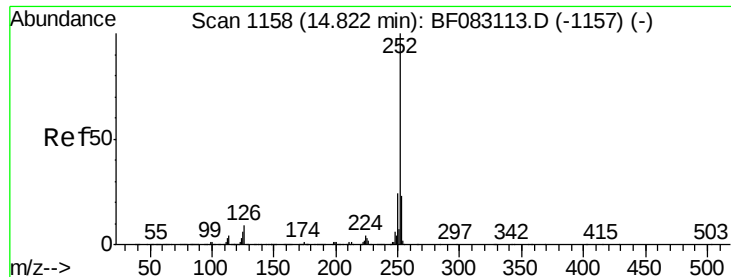
Tot Ion:264 Resp: 376747  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.1 28.7  
265 21.0 18.2 27.4



#87  
Benzo(b)fluoranthene  
Concen: 68.07 ng  
RT: 14.78 min Scan# 1119  
Delta R.T. -0.02 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:252 Resp: 1752336  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 11.3 5.6 8.4#

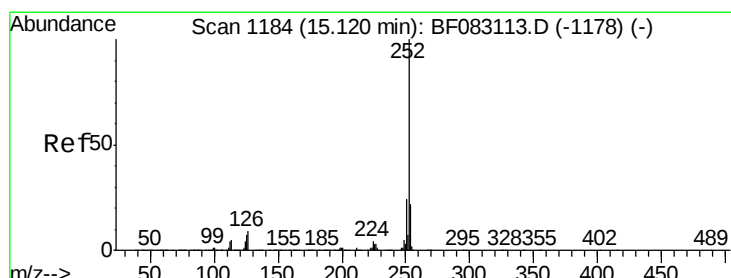
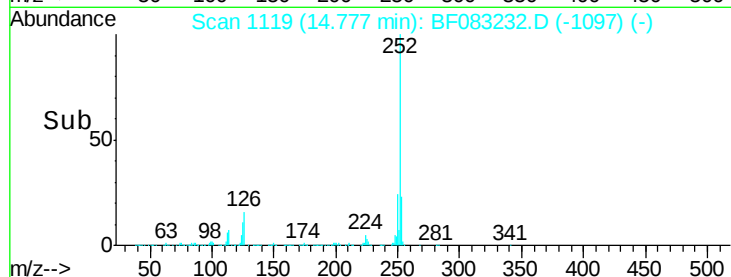
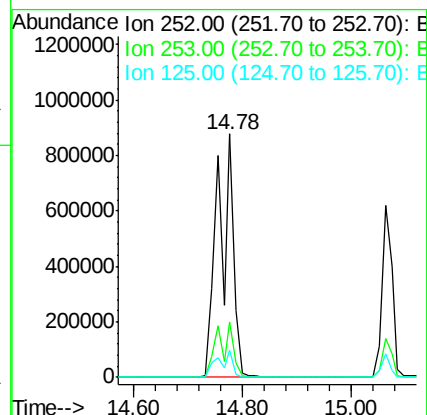
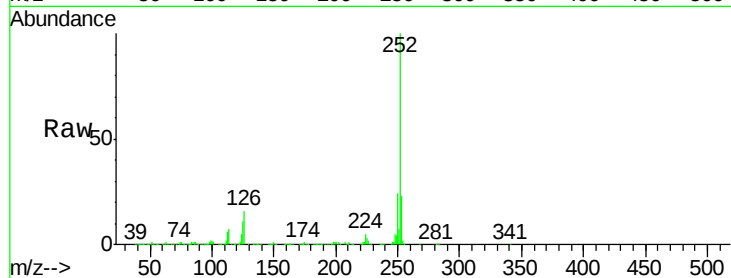




#88  
Benzo(k)fluoranthene  
Concen: 91.37 ng  
RT: 14.78 min Scan# 1119  
Delta R.T. -0.05 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

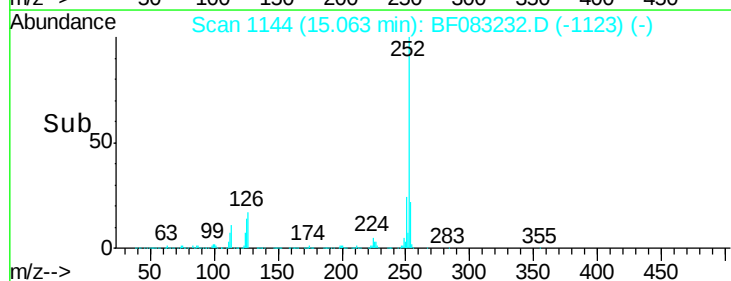
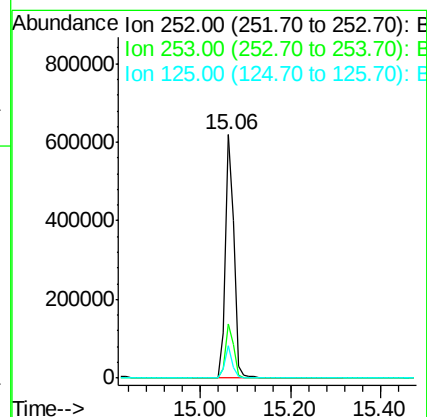
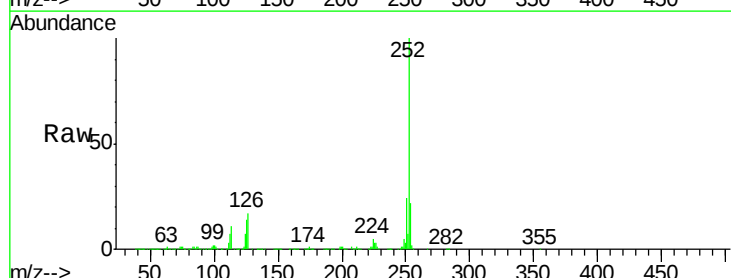
Instrument :  
BNA\_F  
ClientSampled :

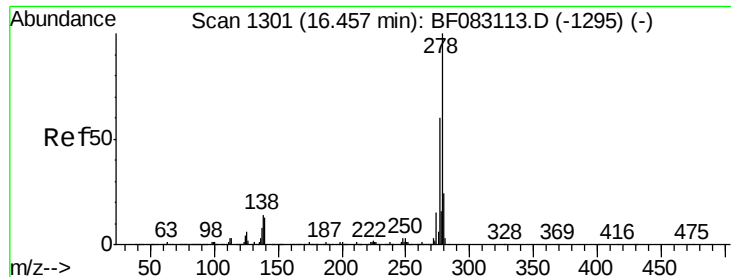
Tot Ion:252 Resp: 1752336  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.2 27.2  
125 11.3 6.8 10.2#



#89  
Benzo(a)pyrene  
Concen: 38.64 ng  
RT: 15.06 min Scan# 1144  
Delta R.T. -0.06 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:252 Resp: 821142  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 13.5 5.4 8.0#

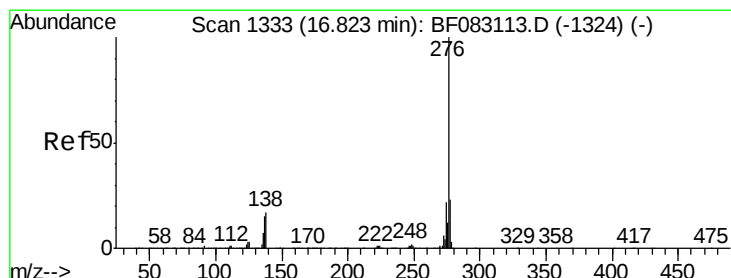
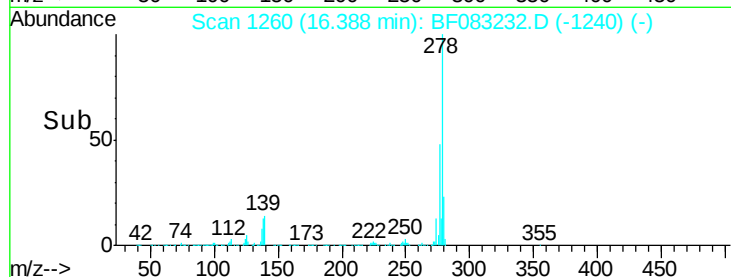
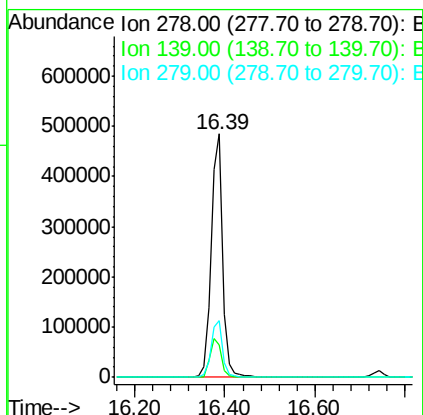
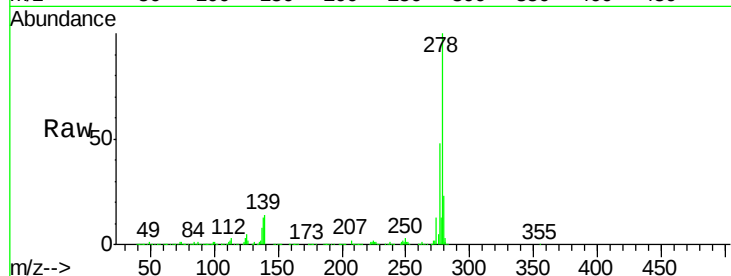




#90  
Dibenzo(a,h)anthracene  
Concen: 44.43 ng  
RT: 16.39 min Scan# 1260  
Delta R.T. -0.07 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 857674  
Ion Ratio Lower Upper  
278 100  
139 13.5 10.7 16.1  
279 23.5 19.3 28.9



#91  
Benzo(g,h,i)perylene  
Concen: 46.45 ng  
RT: 16.74 min Scan# 1291  
Delta R.T. -0.08 min  
Lab File: BF083232.D  
Acq: 24 Nov 2015 12:46

Tgt Ion:276 Resp: 875412  
Ion Ratio Lower Upper  
276 100  
277 23.1 18.7 28.1  
138 20.8 13.9 20.9

