

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF082818\  
 Data File : BF108567.D  
 Acq On : 28 Aug 2018 20:34  
 Operator : JU/SJ  
 Sample : J4535-04MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 22 11:01:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 102712   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.28  | 136  | 384048   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 179115   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.54 | 188  | 292061   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.20 | 240  | 238942   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.75 | 264  | 194597   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 660507 | 116.42 | ng | 0.01 |
| 7) Phenol-d6             | 6.64  | 99  | 866868 | 114.98 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.57  | 82  | 569739 | 82.78  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 202714 | 113.46 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.36  | 172 | 939529 | 84.21  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.12 | 244 | 783347 | 83.36  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.93 | 88  | 83371  | 28.599 | ng | 88     |
| 3) Pyridine                    | 3.71 | 79  | 216927 | 28.888 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.67 | 42  | 127384 | 30.147 | ng | 82     |
| 6) Aniline                     | 6.67 | 93  | 253835 | 24.753 | ng | # 80   |
| 8) 2-Chlorophenol              | 6.80 | 128 | 251704 | 39.393 | ng | 98     |
| 9) Benzaldehyde                | 6.56 | 77  | 123313 | 21.097 | ng | 98     |
| 10) Phenol                     | 6.65 | 94  | 313818 | 40.242 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 231502 | 36.720 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 282273 | 38.206 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.02 | 146 | 291939 | 39.329 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 270312 | 39.150 | ng | 98     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 233195 | 36.743 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 438932 | 33.796 | ng | 80     |
| 17) 2-Methylphenol             | 7.25 | 107 | 208250 | 38.005 | ng | # 89   |
| 18) Hexachloroethane           | 7.51 | 117 | 95885  | 36.283 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 189132 | 37.098 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.41 | 107 | 268855 | 38.288 | ng | # 52   |
| 22) Acetophenone               | 7.41 | 105 | 367658 | 40.942 | ng | # 85   |
| 24) Nitrobenzene               | 7.58 | 77  | 279155 | 40.111 | ng | 94     |
| 25) Isophorone                 | 7.82 | 82  | 497295 | 37.909 | ng | 97     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 117336 | 44.644 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.93 | 122 | 210271 | 36.115 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 8.02 | 93  | 302367 | 39.484 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 223174 | 41.653 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 235738 | 39.906 | ng | 94     |
| 31) Naphthalene                | 8.31 | 128 | 726474 | 41.594 | ng | 99     |
| 32) Benzoic acid               | 8.01 | 122 | 12102  | 9.111  | ng | 93     |
| 33) 4-Chloroaniline            | 8.36 | 127 | 185088 | 24.317 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.41 | 225 | 152593 | 40.804 | ng | 99     |
| 35) Caprolactam                | 8.72 | 113 | 59823  | 35.629 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 8.84 | 107 | 225779 | 39.061 | ng | 98     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 484342 | 39.195 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.16 | 216 | 244883 | 44.521 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.14 | 237 | 51571  | 14.516 | ng | 96     |

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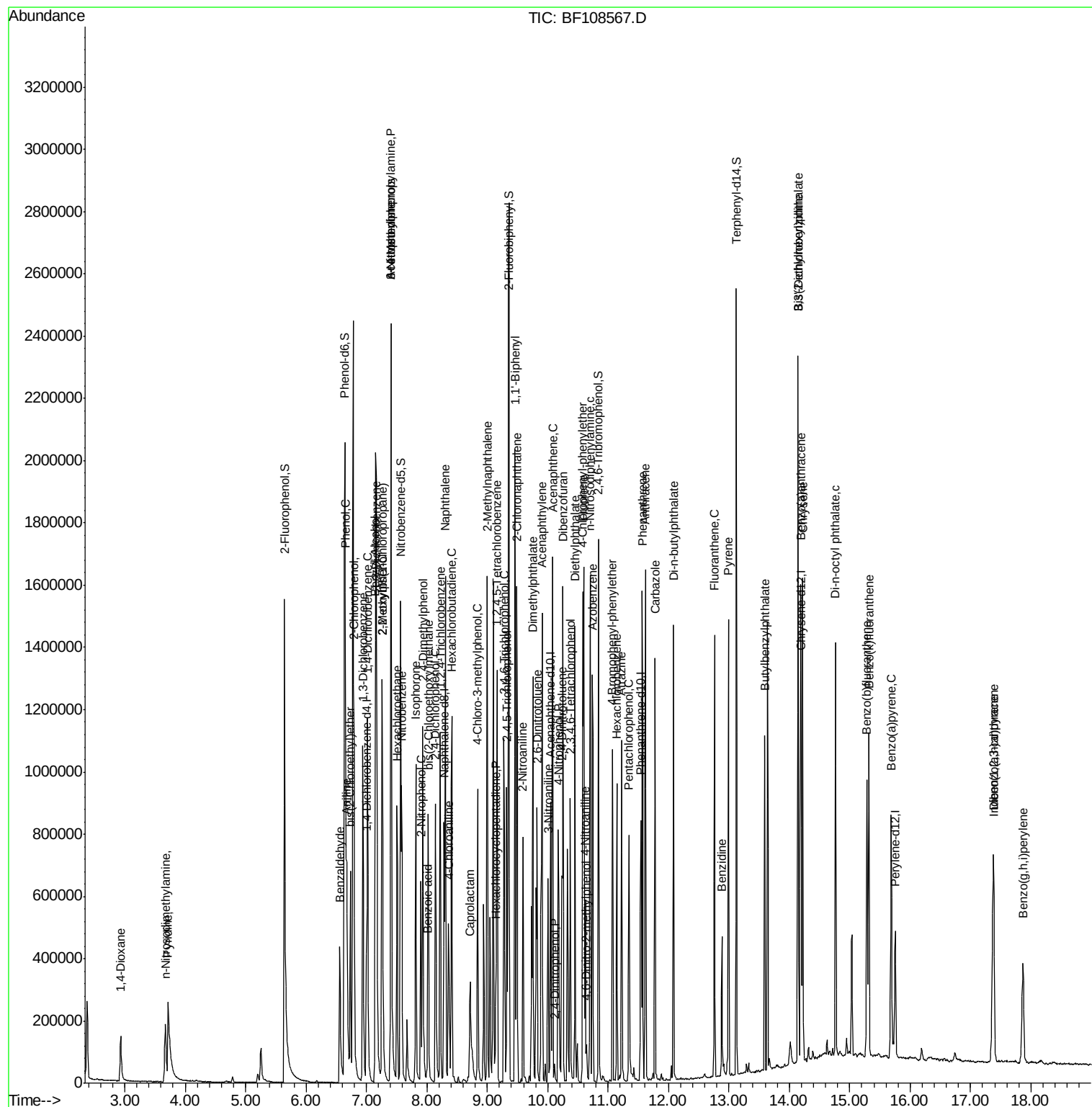
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.28  | 196  | 153293   | 44.910 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 161133   | 42.884 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.46  | 154  | 585638   | 44.346 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.49  | 162  | 444048   | 42.543 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.59  | 65   | 147111   | 43.560 | ng    | 84       |
| 48) Acenaphthylene             | 9.91  | 152  | 693012   | 41.998 | ng    | 100      |
| 49) Dimethylphthalate          | 9.76  | 163  | 613363   | 49.160 | ng    | # 99     |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 111263   | 42.623 | ng    | 97       |
| 51) Acenaphthene               | 10.08 | 154  | 394612   | 39.044 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.01 | 138  | 96221    | 33.690 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 10.11 | 184  | 8657     | 15.105 | ng    | # 25     |
| 54) Dibenzofuran               | 10.25 | 168  | 596459   | 40.734 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.18 | 139  | 130499   | 60.338 | ng    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.24 | 165  | 138472   | 41.211 | ng    | # 99     |
| 57) Fluorene                   | 10.60 | 166  | 458734   | 39.575 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 116730   | 37.169 | ng    | # 86     |
| 59) Diethylphthalate           | 10.45 | 149  | 513891   | 42.534 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.58 | 204  | 242328   | 40.121 | ng    | 91       |
| 61) 4-Nitroaniline             | 10.62 | 138  | 97347    | 34.474 | ng    | 94       |
| 62) Azobenzene                 | 10.74 | 77   | 465650   | 37.320 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.65 | 198  | 12882    | 15.795 | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.70 | 169  | 412009   | 47.738 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 11.08 | 248  | 145170   | 45.738 | ng    | # 84     |
| 67) Hexachlorobenzene          | 11.15 | 284  | 142521   | 42.678 | ng    | # 85     |
| 68) Atrazine                   | 11.22 | 200  | 131383   | 45.386 | ng    | 96       |
| 69) Pentachlorophenol          | 11.35 | 266  | 112231   | 70.214 | ng    | 99       |
| 70) Phenanthrene               | 11.57 | 178  | 578602   | 42.002 | ng    | 99       |
| 71) Anthracene                 | 11.62 | 178  | 587641   | 41.621 | ng    | 100      |
| 72) Carbazole                  | 11.78 | 167  | 511569   | 40.781 | ng    | 100      |
| 73) Di-n-butylphthalate        | 12.08 | 149  | 650811   | 45.804 | ng    | 99       |
| 74) Fluoranthene               | 12.76 | 202  | 585920   | 38.972 | ng    | 95       |
| 76) Benzidine                  | 12.88 | 184  | 187767   | 21.033 | ng    | 97       |
| 77) Pyrene                     | 13.00 | 202  | 578661   | 38.252 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.60 | 149  | 250081   | 41.632 | ng    | # 93     |
| 80) Benzo(a)anthracene         | 14.19 | 228  | 558745   | 40.746 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 192166   | 39.103 | ng    | # 96     |
| 82) Chrysene                   | 14.22 | 228  | 513074   | 40.811 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.14 | 149  | 338709   | 41.639 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.77 | 149  | 603466   | 48.644 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.37 | 276  | 377580   | 34.663 | ng    | # 89     |
| 87) Benzo(b)fluoranthene       | 15.28 | 252  | 477099   | 41.030 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.32 | 252  | 457362   | 42.788 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 15.69 | 252  | 417592   | 40.105 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.38 | 278  | 323896   | 37.595 | ng    | # 92     |
| 91) Benzo(g,h,i)perylene       | 17.87 | 276  | 296154   | 34.910 | ng    | # 88     |

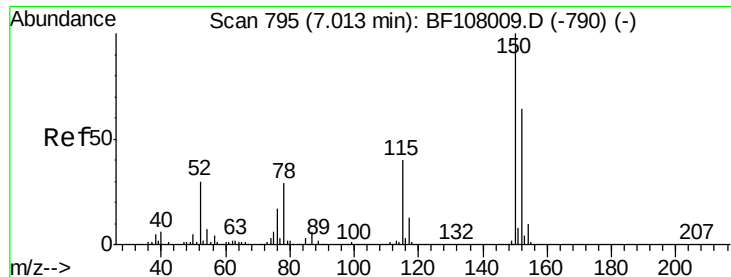
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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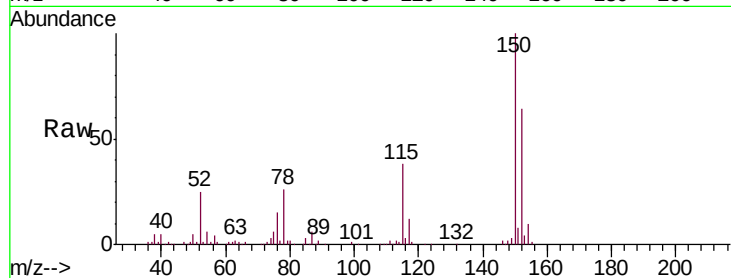


#1

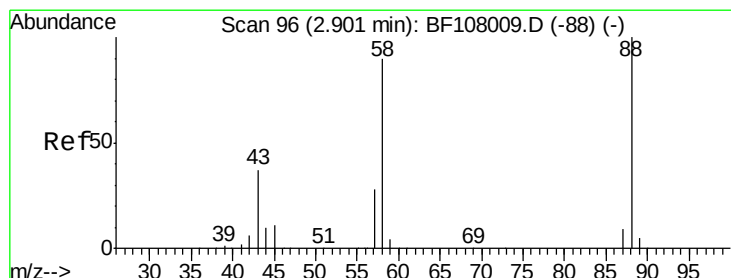
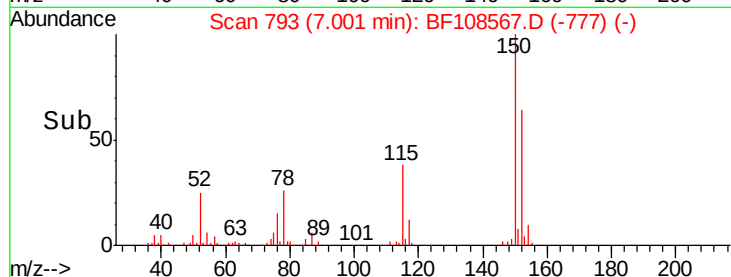
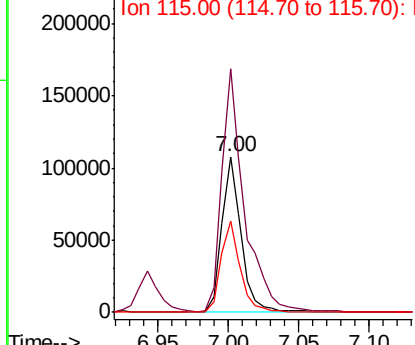
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.00 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

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BNA\_F  
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RA-081618-FL-036MS

Tgt Ion:152 Resp: 102712  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.6 186.8  
115 59.1 50.1 75.1



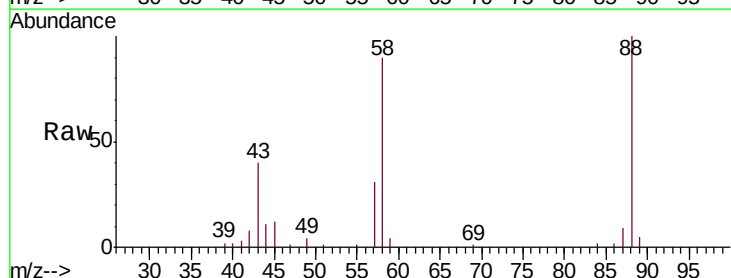
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



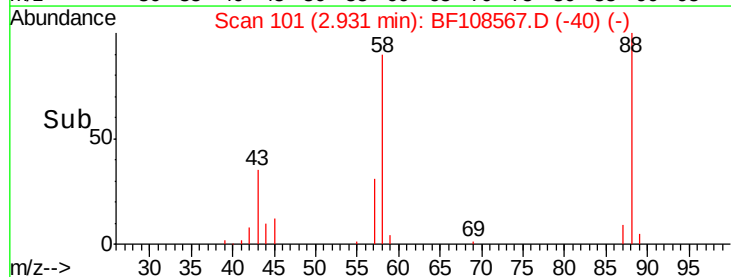
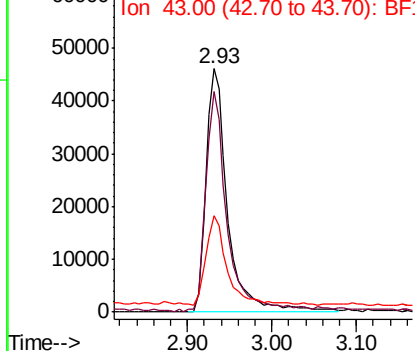
#2

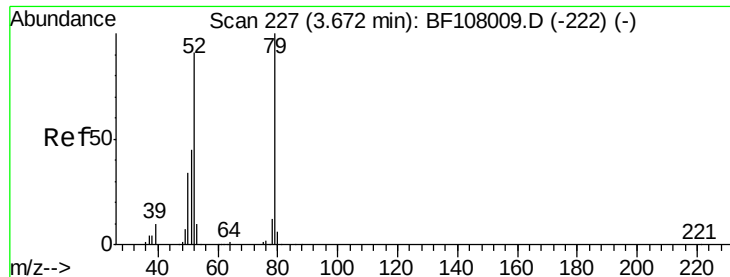
1,4-Dioxane  
Concen: 28.599 ng  
RT: 2.93 min Scan# 101  
Delta R.T. 0.06 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion: 88 Resp: 83371  
Ion Ratio Lower Upper  
88 100  
58 89.8 62.6 93.8  
43 34.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.888 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.05 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

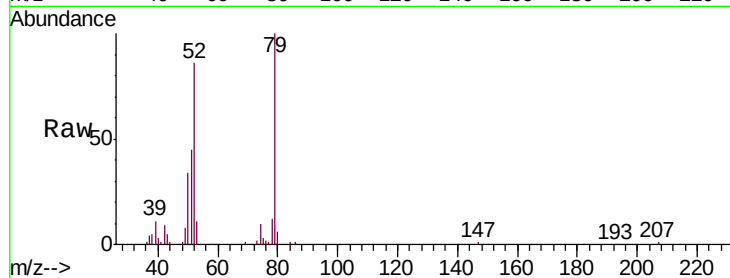
Tgt Ion: 79 Resp: 216927

Ion Ratio Lower Upper

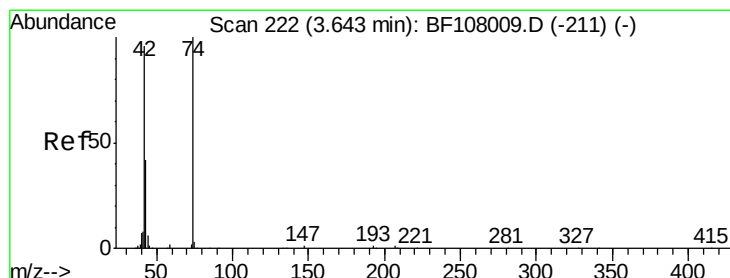
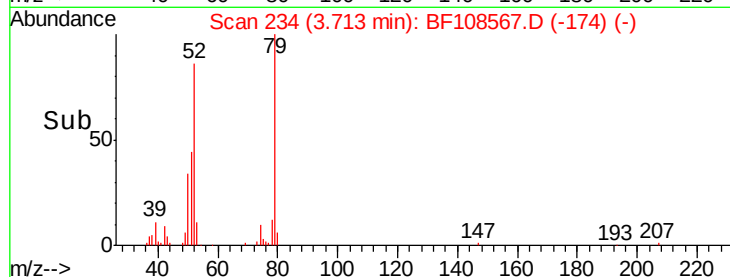
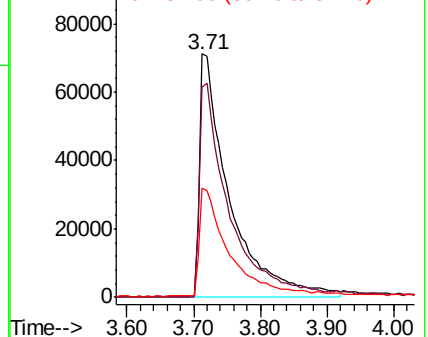
79 100

52 86.5 59.8 89.6

51 44.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.147 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

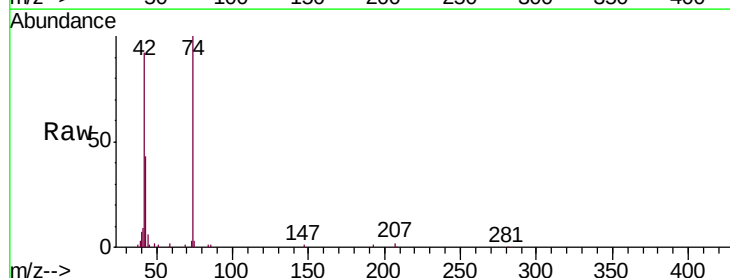
Tgt Ion: 42 Resp: 127384

Ion Ratio Lower Upper

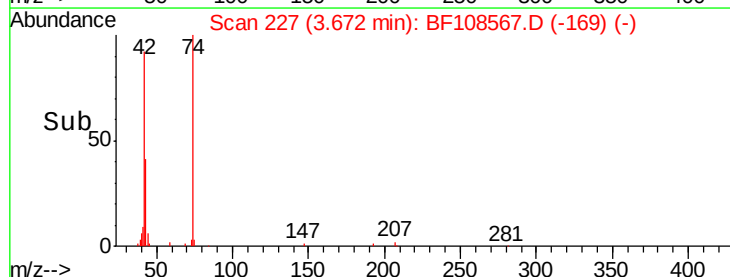
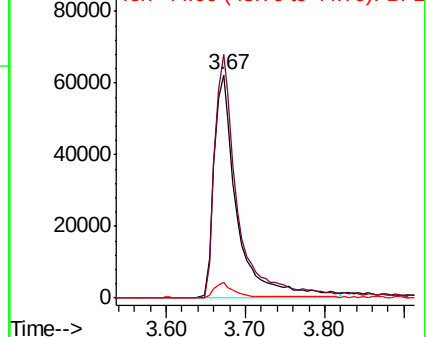
42 100

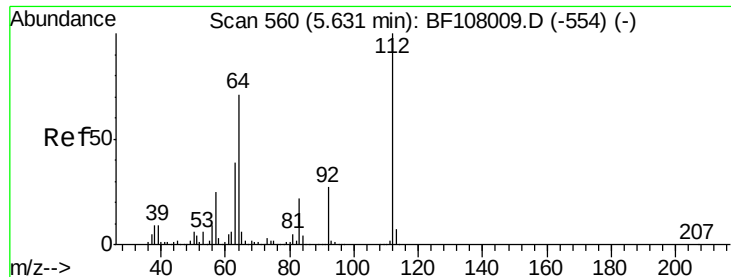
74 108.9 104.9 157.3

44 7.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.424 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

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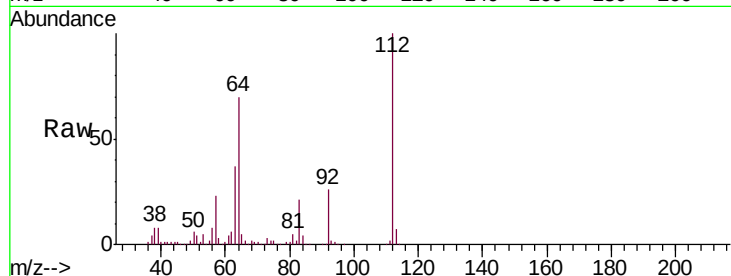
Tgt Ion: 112 Resp: 660507

Ion Ratio Lower Upper

112 100

64 69.8 47.9 71.9

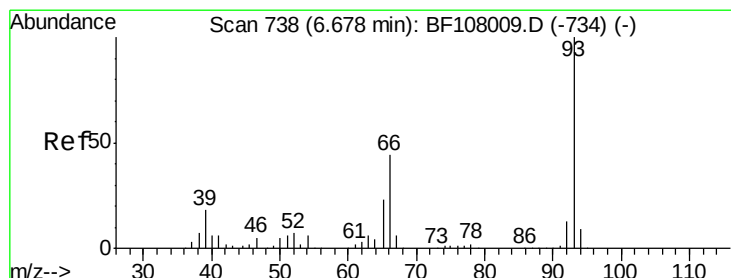
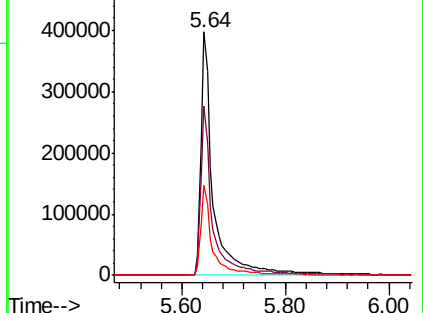
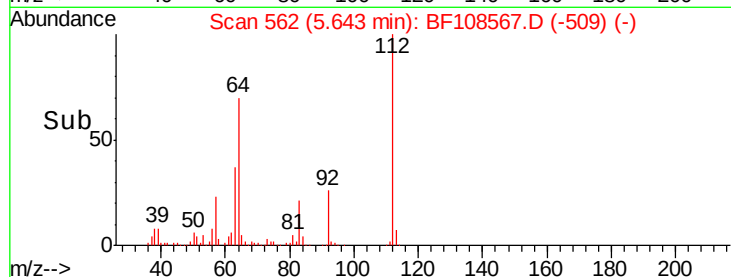
63 36.7 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.753 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

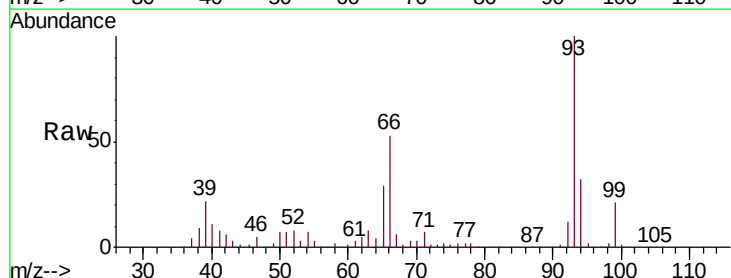
Tgt Ion: 93 Resp: 253835

Ion Ratio Lower Upper

93 100

66 53.1 32.2 48.2#

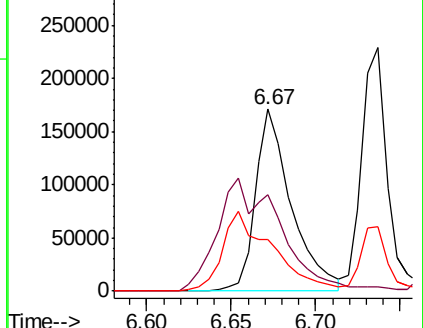
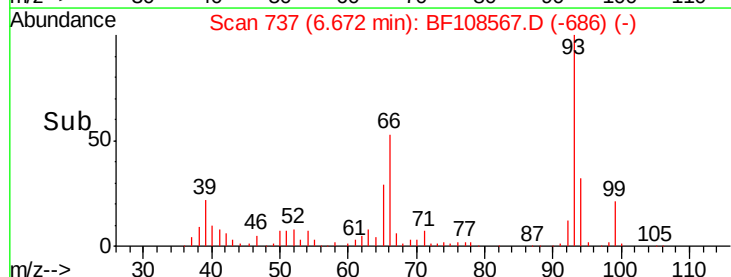
65 28.6 16.4 24.6#

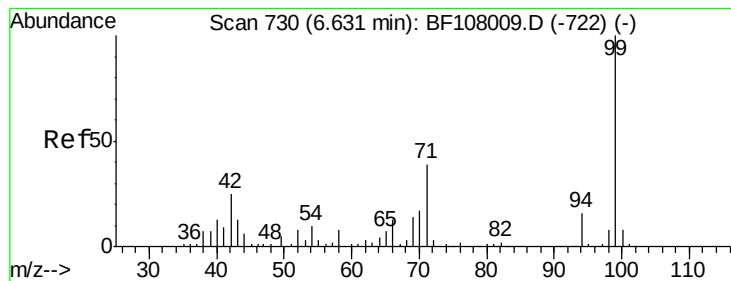


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.984 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108567.D

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Instrument :

BNA\_F

ClientSampleId :

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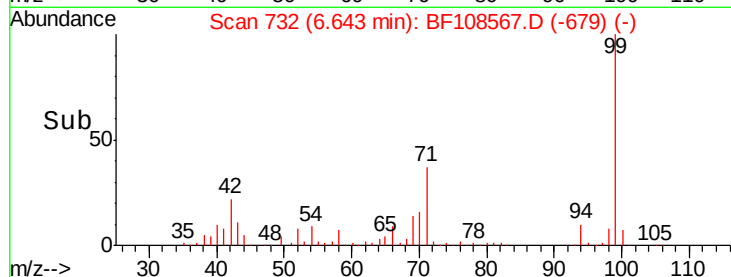
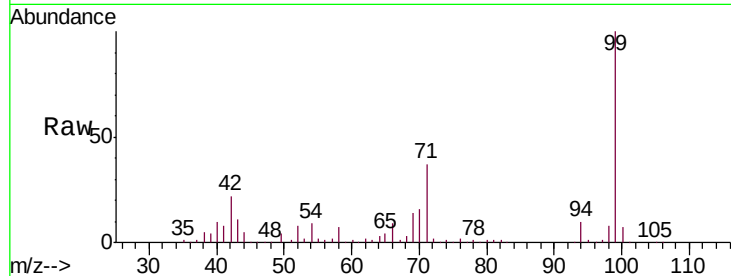
Tgt Ion: 99 Resp: 866868

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

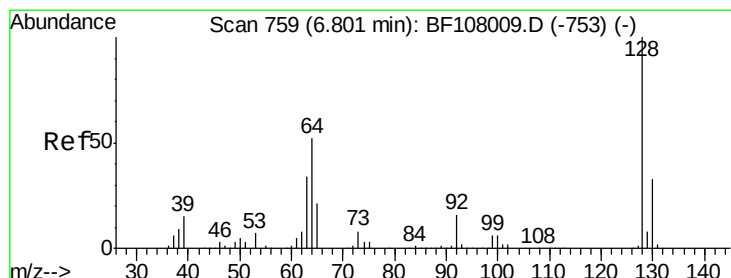
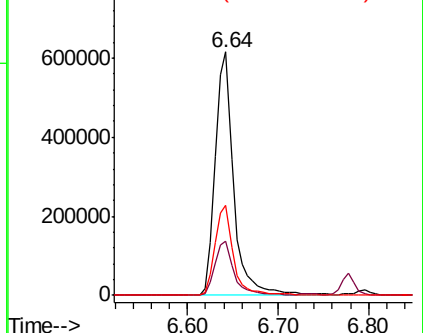
71 37.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.393 ng

RT: 6.80 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF108567.D

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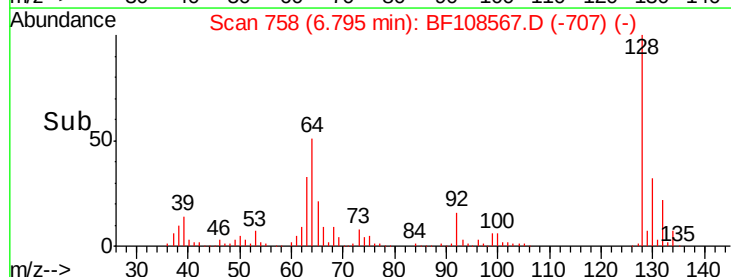
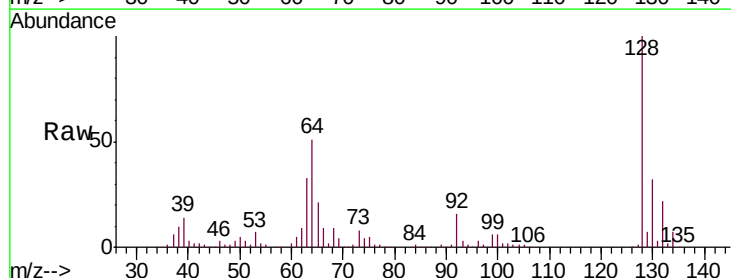
Tgt Ion: 128 Resp: 251704

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

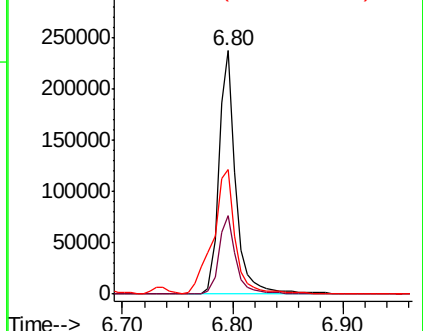
64 50.9 29.4 69.4



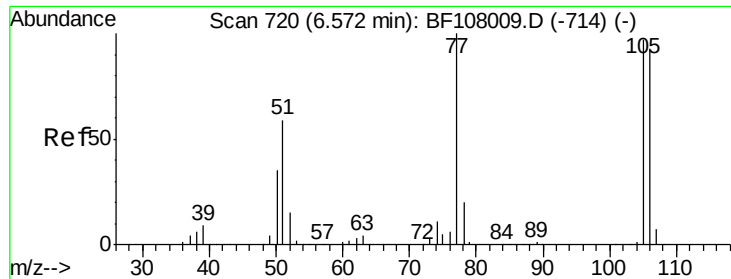
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 21.097 ng

RT: 6.56 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

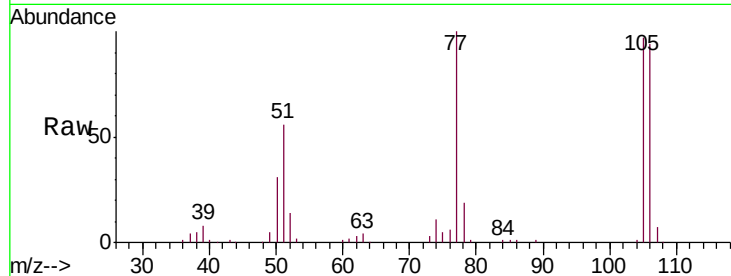
Tgt Ion: 77 Resp: 123313

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

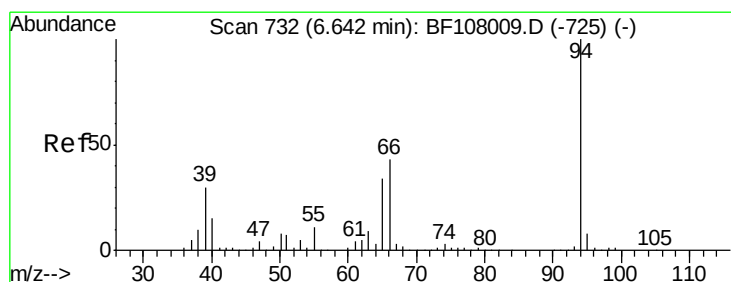
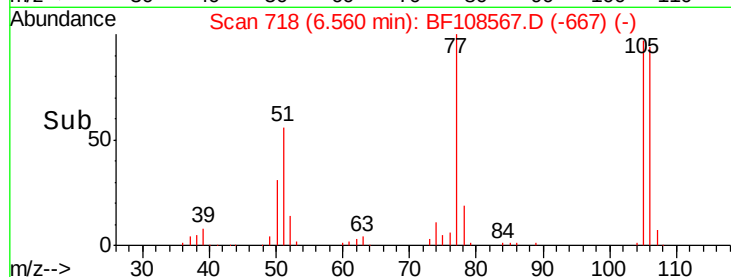
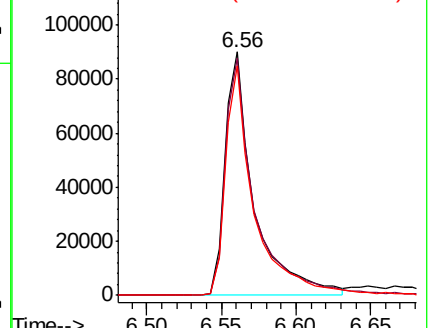
106 94.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.242 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

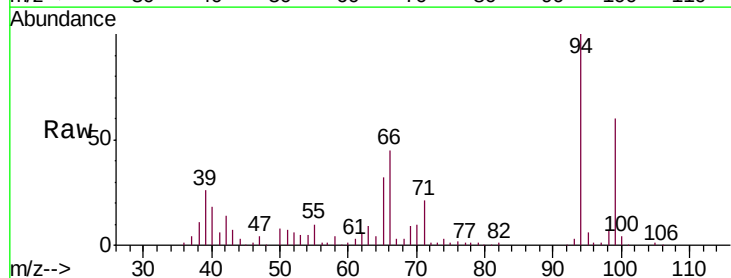
Tgt Ion: 94 Resp: 313818

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

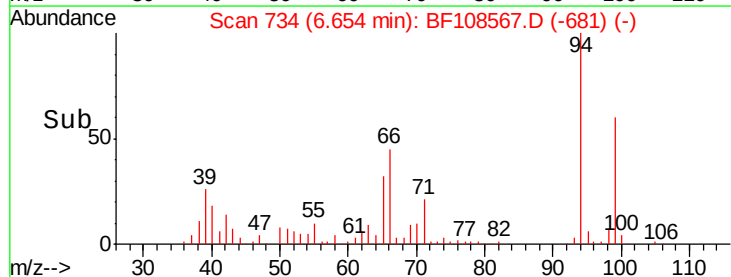
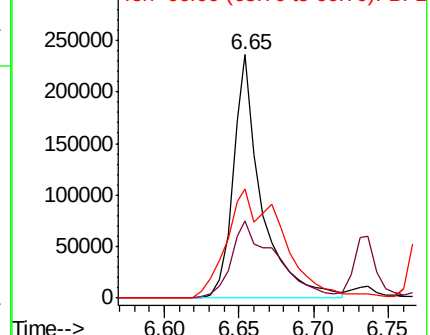
66 45.0 16.2 56.2



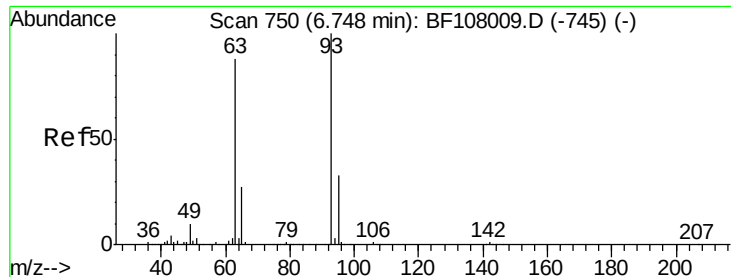
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



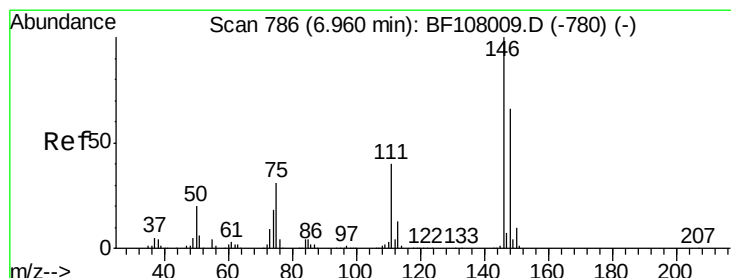
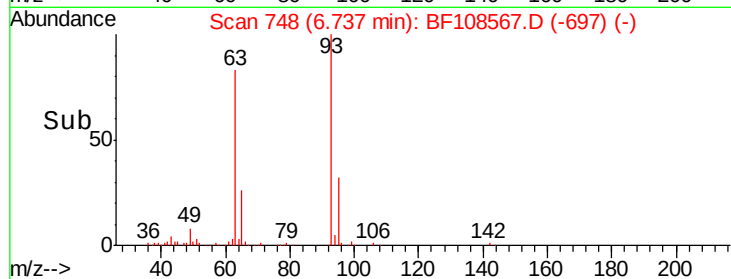
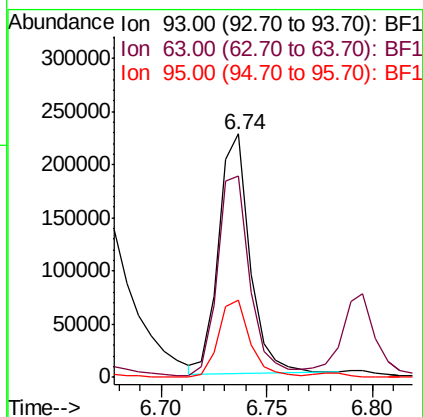
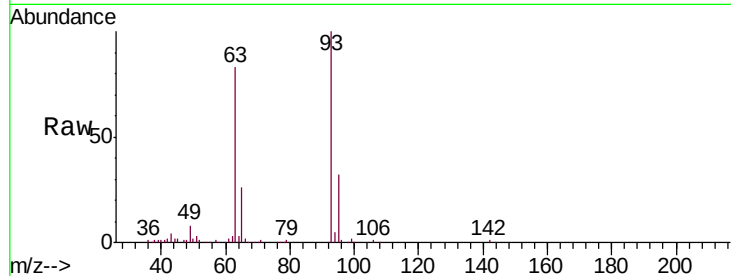




#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.720 ng  
 RT: 6.74 min Scan# 748  
 Delta R.T. 0.00 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

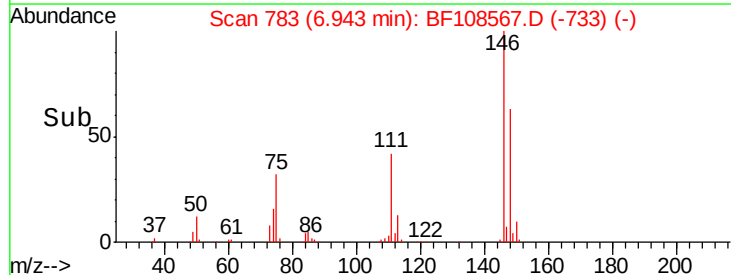
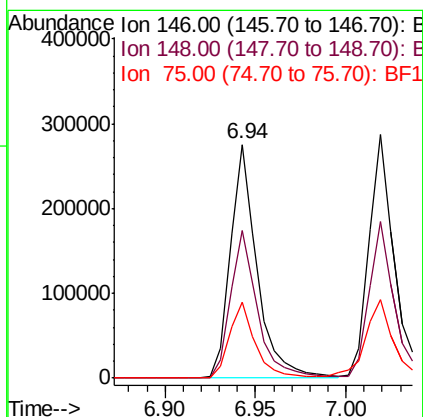
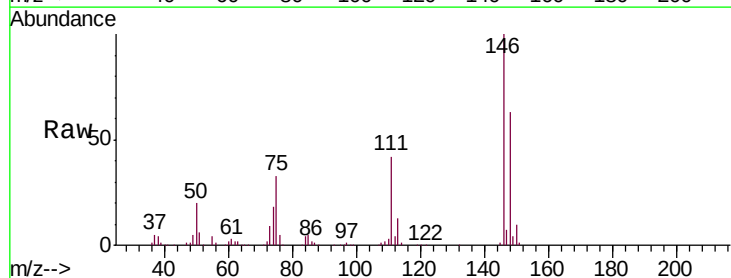
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

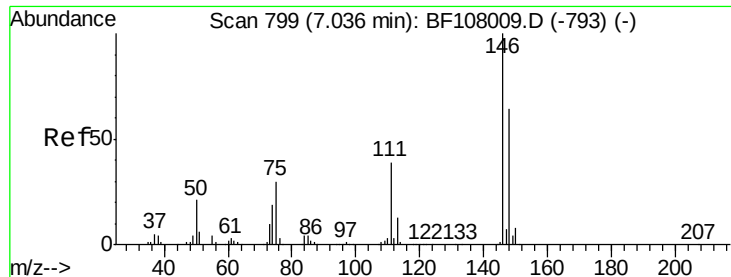
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.0  | 58.6  | 98.6  |
| 95      | 31.9  | 11.8  | 51.8  |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.206 ng  
 RT: 6.94 min Scan# 783  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.8  | 77.8  |
| 75      | 32.6  | 24.2  | 36.4  |

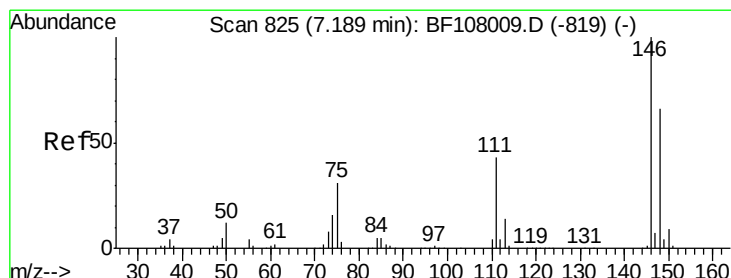
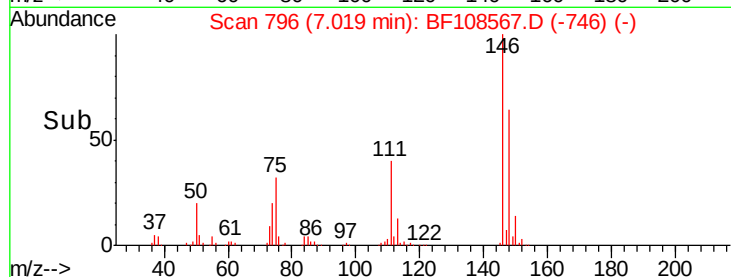
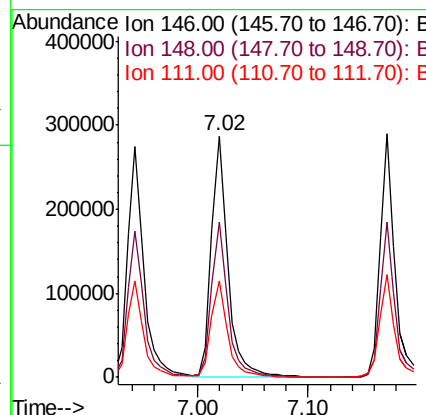
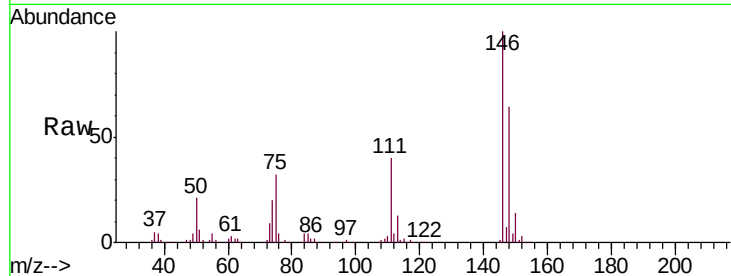




#13  
 1,4-Dichlorobenzene  
 Concen: 39.329 ng  
 RT: 7.02 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

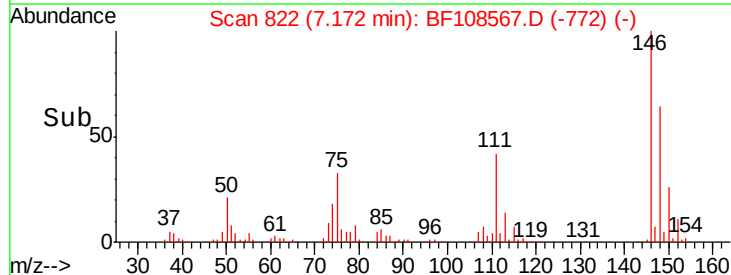
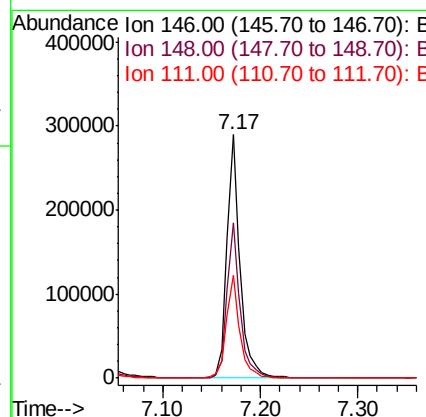
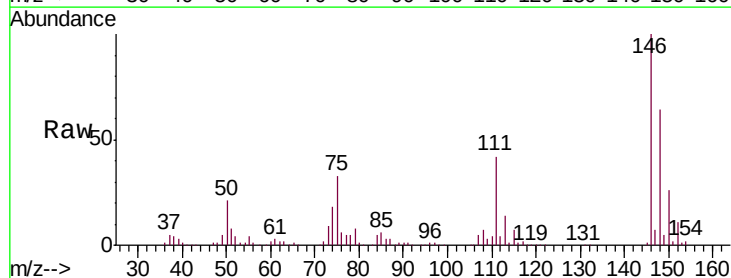
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

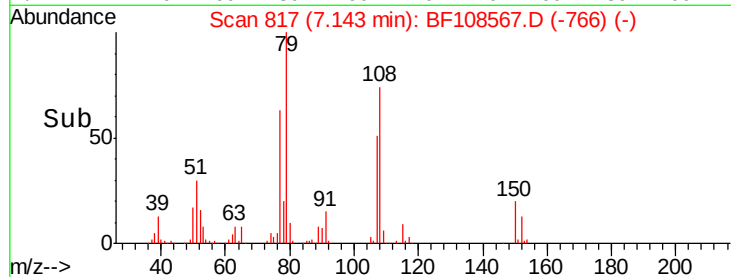
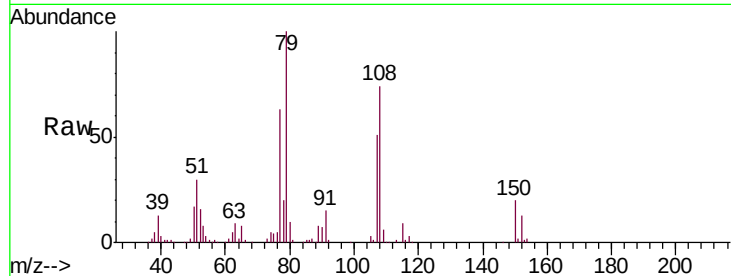
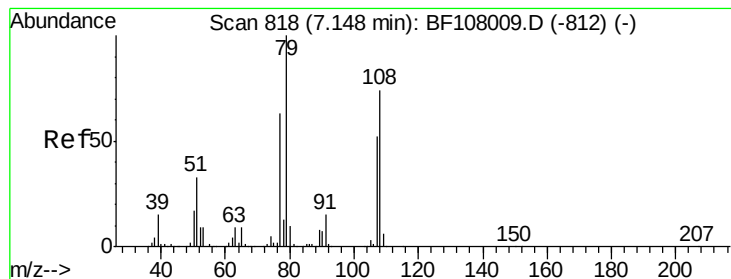
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.8  | 76.2  |
| 111     | 40.0  | 34.2  | 51.2  |



#14  
 1,2-Dichlorobenzene  
 Concen: 39.150 ng  
 RT: 7.17 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.6  | 75.8  |
| 111     | 42.3  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 36.743 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

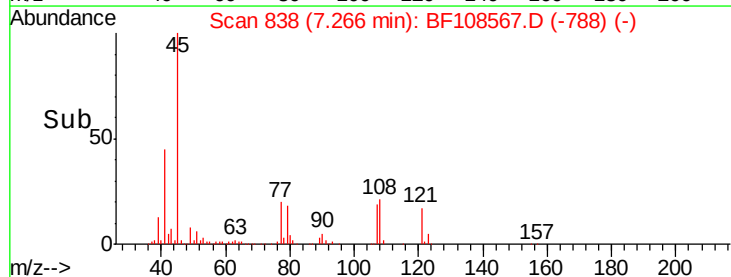
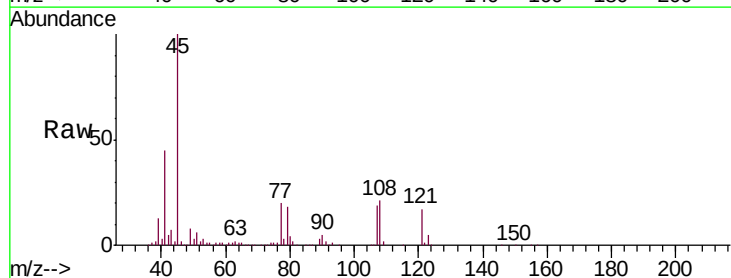
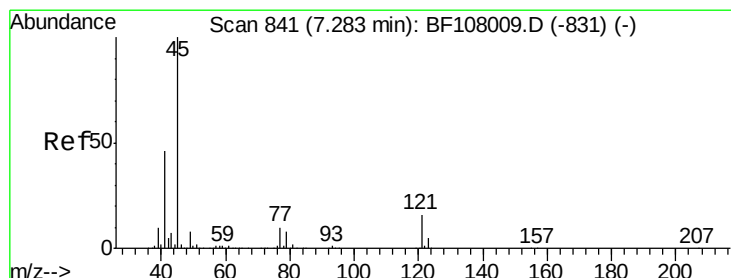
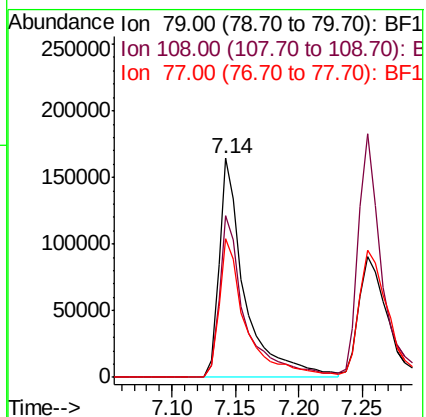
Tgt Ion: 79 Resp: 233195

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.796 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

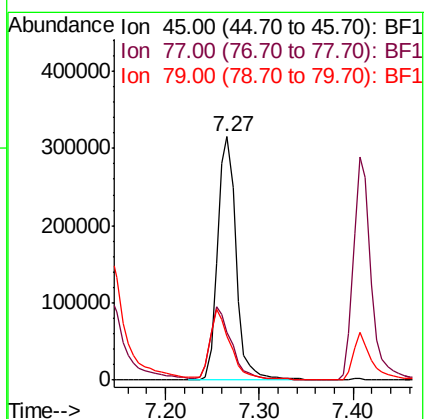
Tgt Ion: 45 Resp: 438932

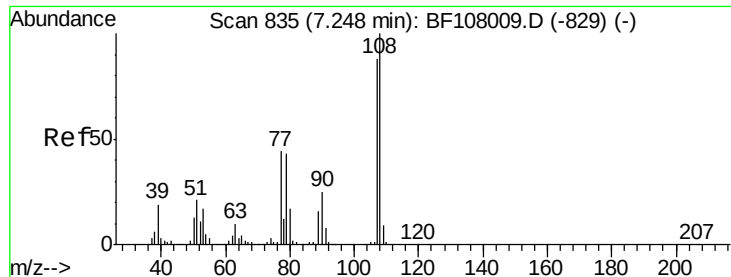
Ion Ratio Lower Upper

45 100

77 19.7 0.0 32.9

79 18.0 0.0 29.6

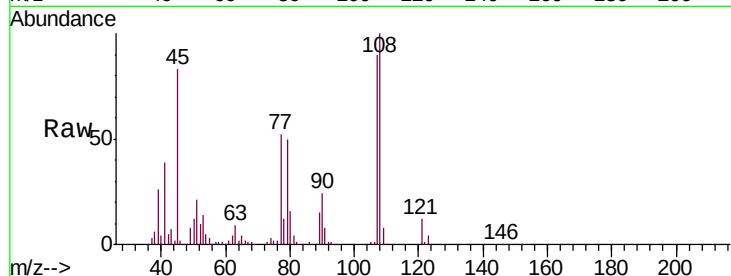




#17  
2-Methylphenol  
Concen: 38.005 ng  
RT: 7.25 min Scan# 836  
Delta R.T. 0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 91.7  | 137.5 |
| 77      | 58.1  | 33.8  | 50.8# |
| 79      | 55.5  | 33.8  | 50.8# |



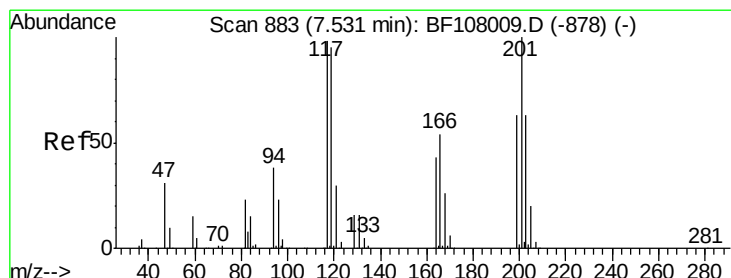
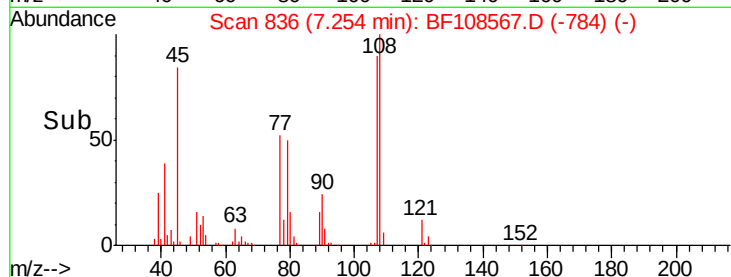
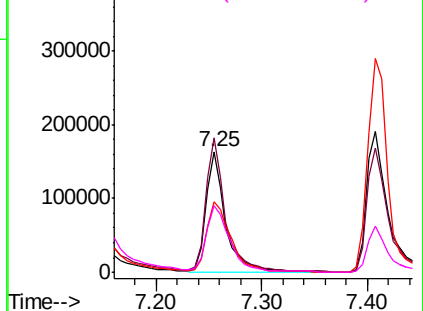
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

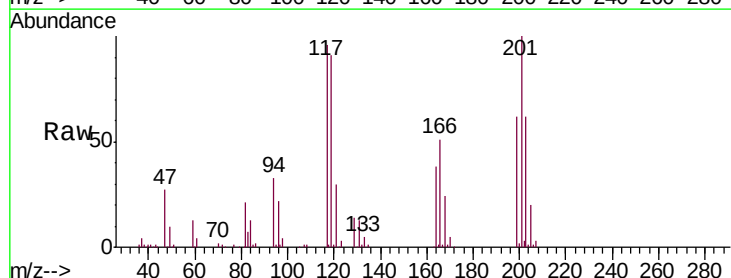
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 36.283 ng  
RT: 7.51 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 75.8  | 113.8 |
| 201     | 104.1 | 75.7  | 113.5 |

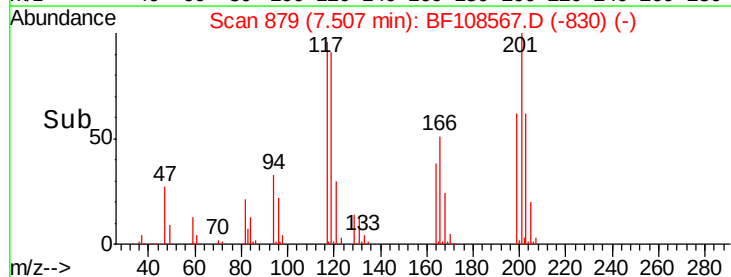
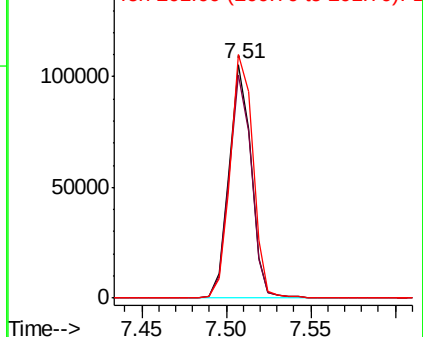


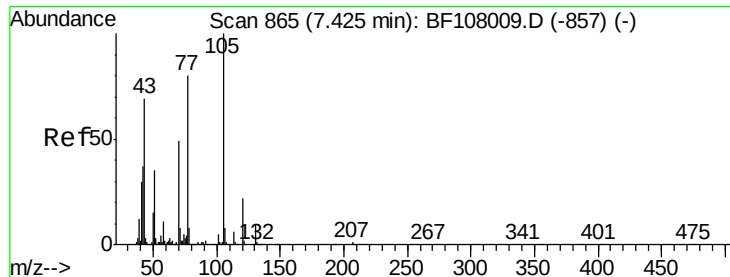
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

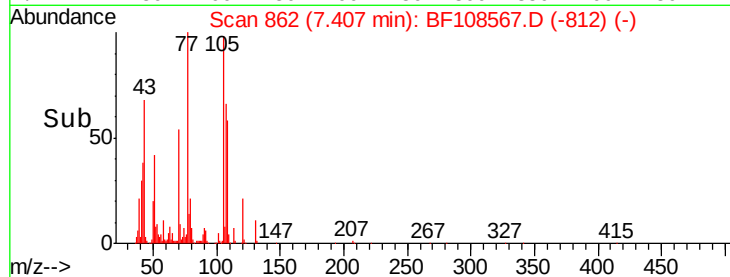
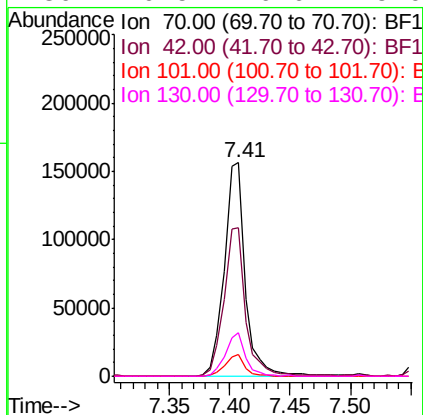
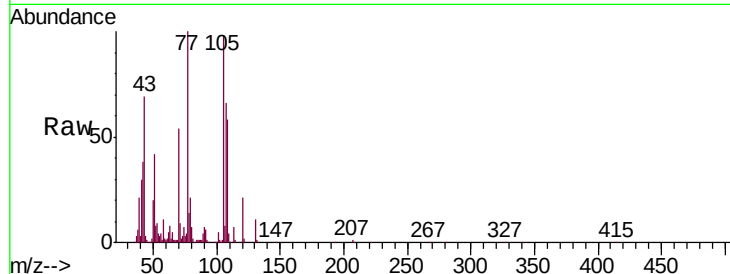




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.098 ng  
RT: 7.41 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

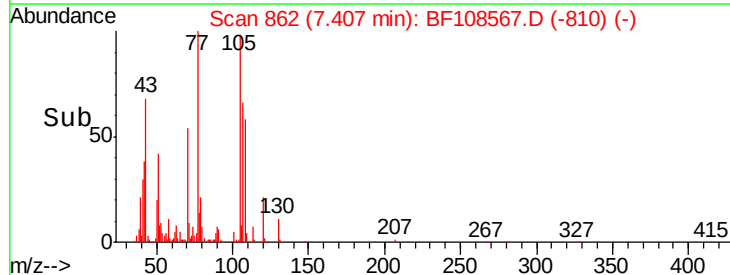
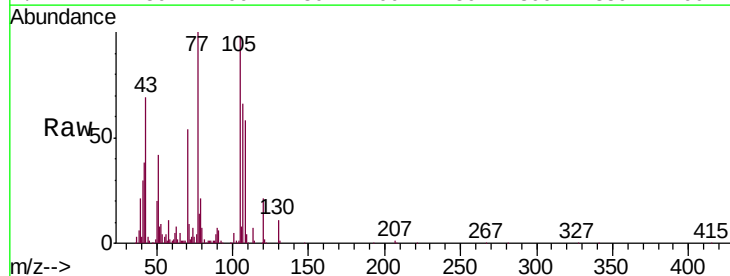
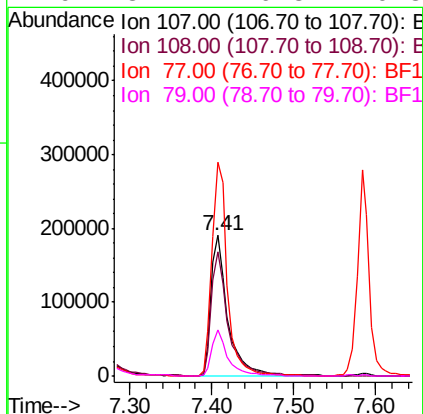
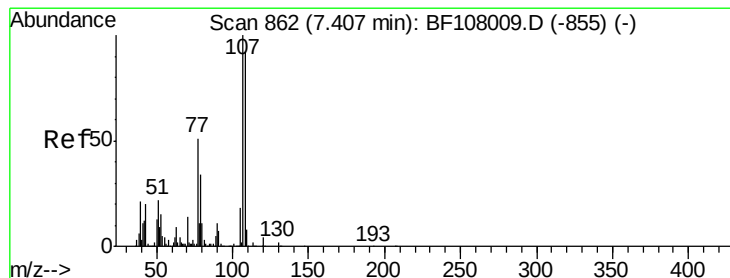
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

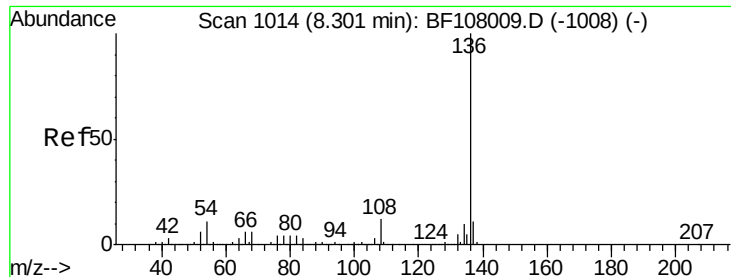
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 189132 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 69.7  | 47.5  | 71.3   |
| 101      | 10.0  | 7.4   | 11.2   |
| 130      | 20.5  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 38.288 ng  
RT: 7.41 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 268855 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.2  | 68.2  | 108.2  |
| 77       | 151.8 | 26.7  | 66.7#  |
| 79       | 32.4  | 6.3   | 46.3   |

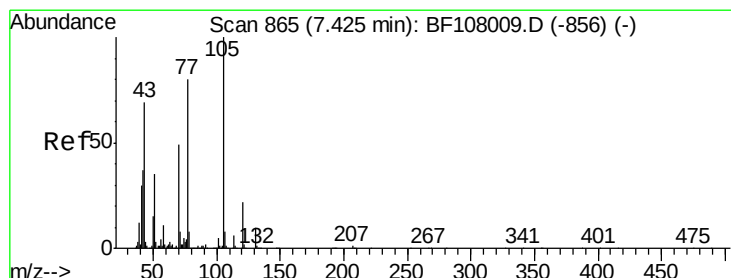
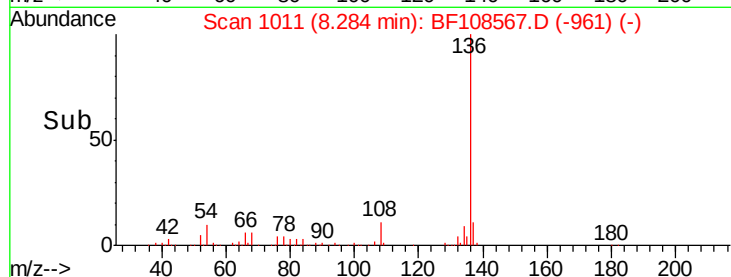
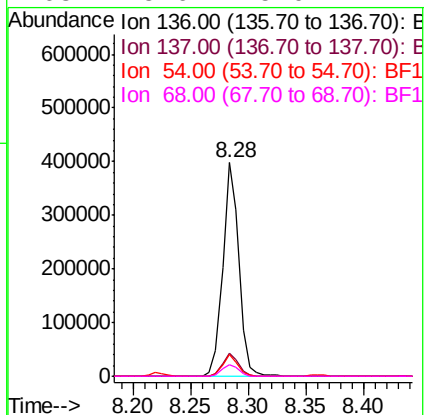
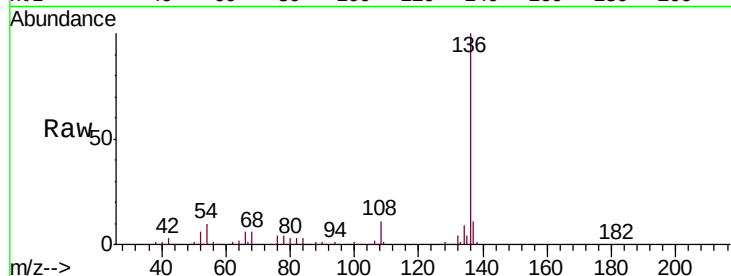




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.28 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

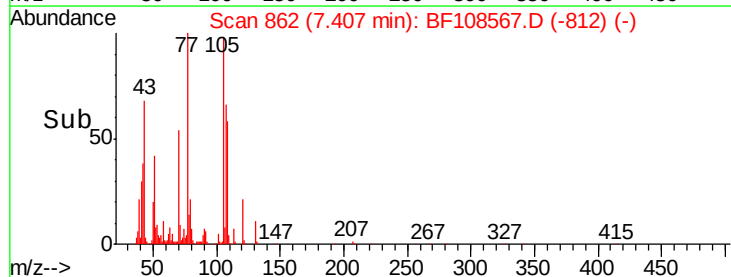
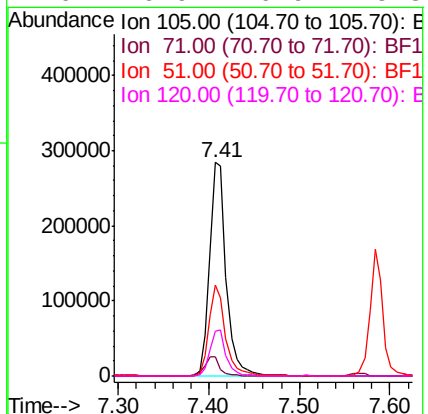
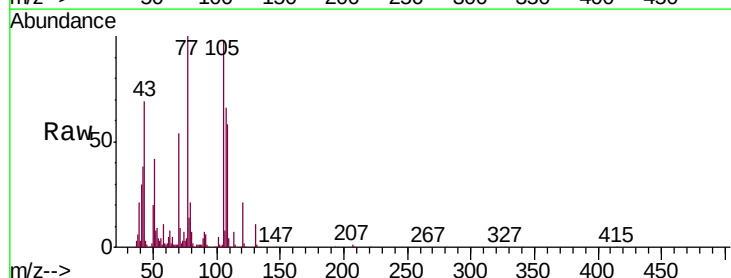
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

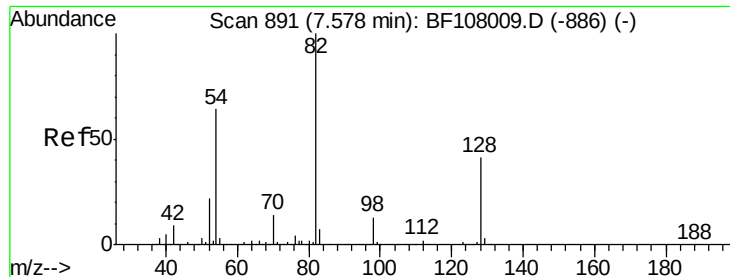
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 384048 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 10.2  | 6.6   | 9.8#   |
| 68       | 5.6   | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 40.942 ng  
RT: 7.41 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 367658 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 9.1   | 4.4   | 6.6#   |
| 51       | 42.4  | 22.3  | 33.5#  |
| 120      | 20.9  | 16.9  | 25.3   |

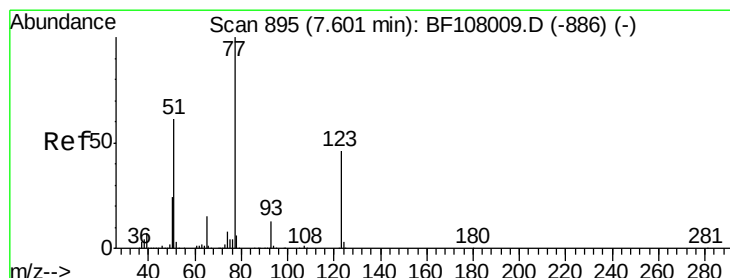
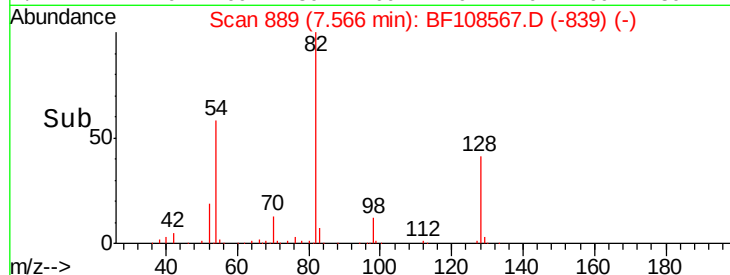
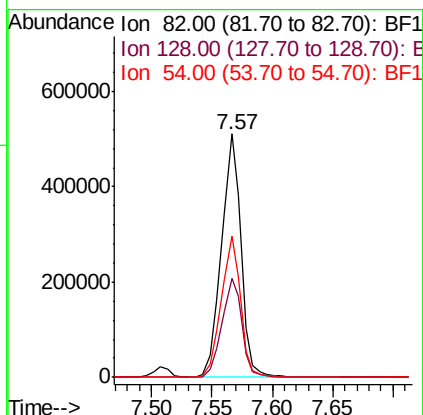
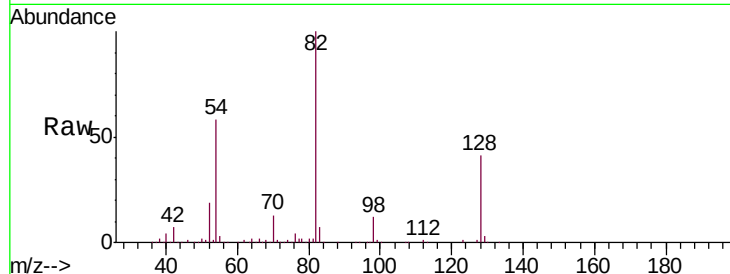




#23  
 Nitrobenzene-d5  
 Concen: 82.782 ng  
 RT: 7.57 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

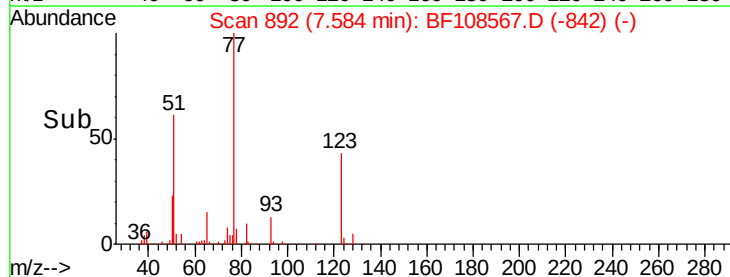
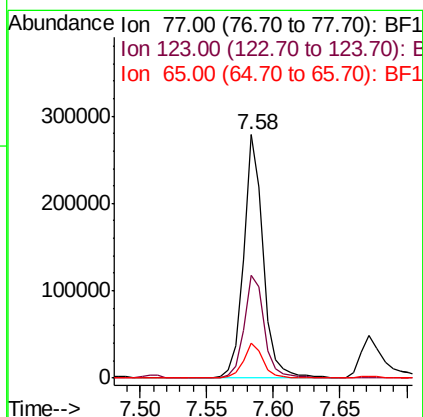
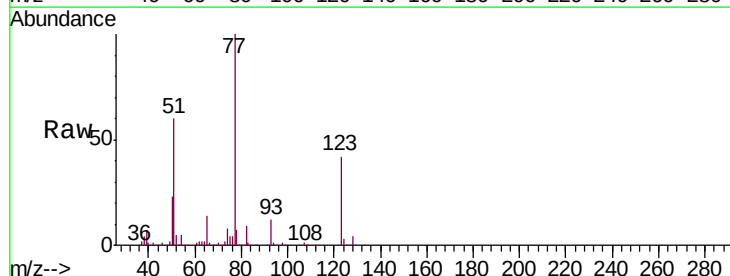
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.5  | 36.1  | 54.1  |
| 54      | 58.0  | 41.4  | 62.2  |

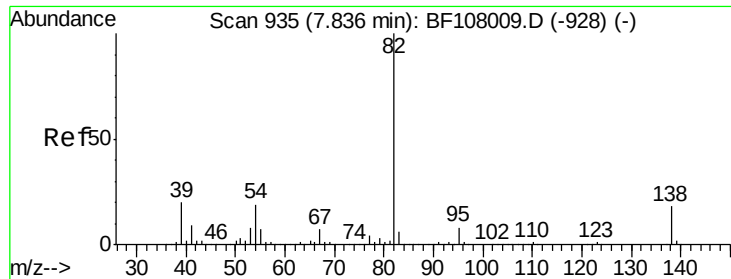


#24  
 Nitrobenzene  
 Concen: 40.111 ng  
 RT: 7.58 min Scan# 892  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.4  | 37.9  | 56.9  |
| 65      | 14.4  | 11.0  | 16.4  |







#25

Isophorone

Concen: 37.909 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

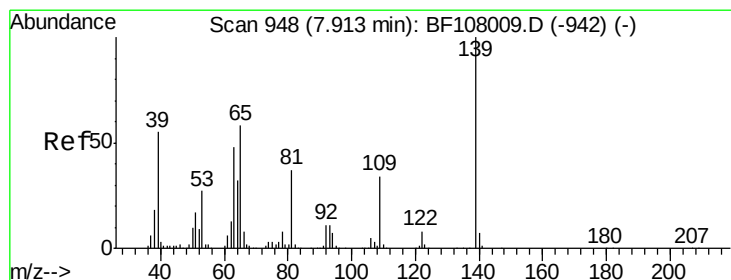
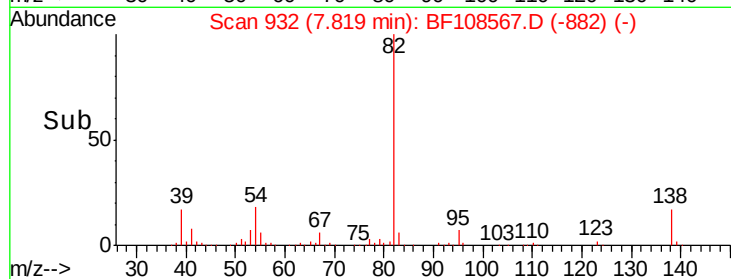
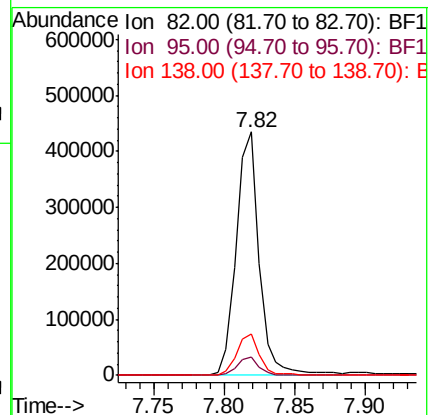
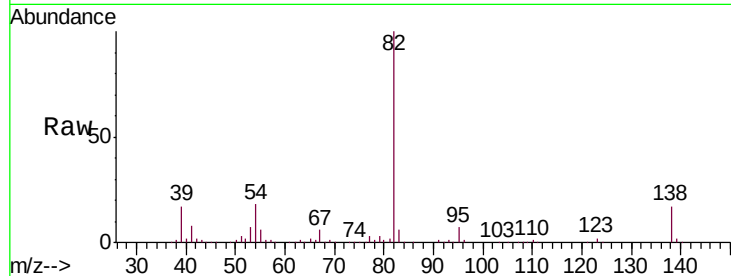
Tgt Ion: 82 Resp: 497295

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 44.644 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

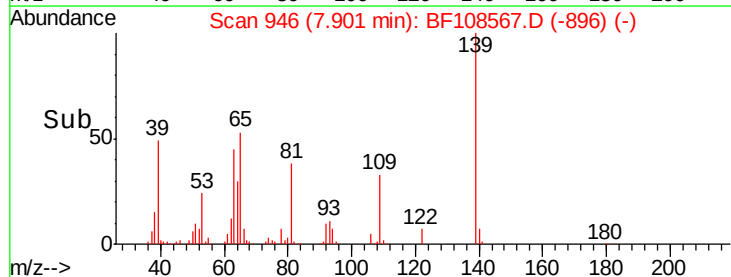
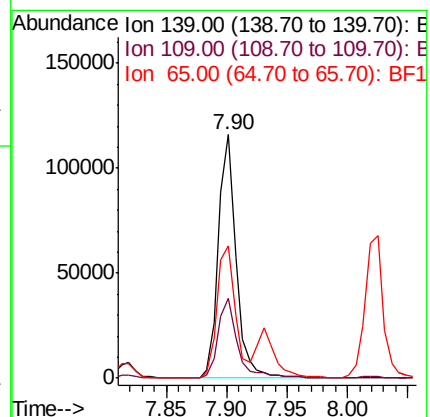
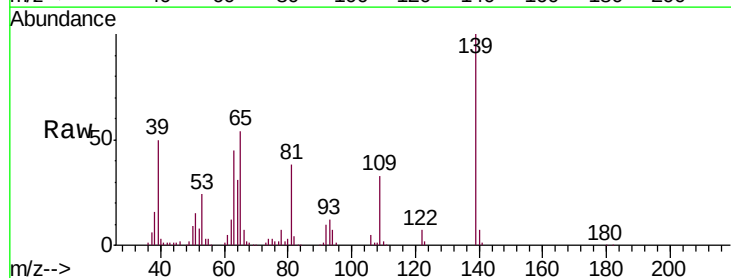
Tgt Ion: 139 Resp: 117336

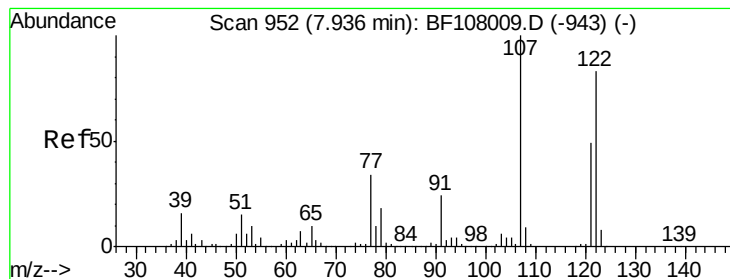
Ion Ratio Lower Upper

139 100

109 32.8 22.7 34.1

65 54.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.115 ng

RT: 7.93 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

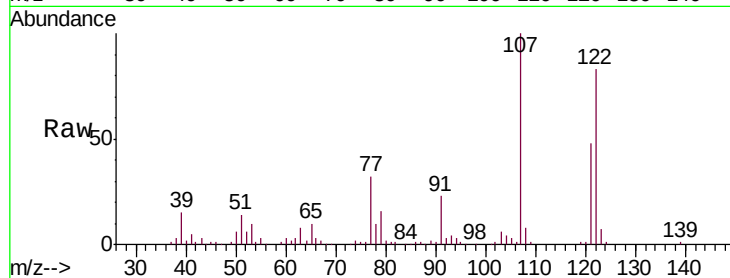
Tgt Ion:122 Resp: 210271

Ion Ratio Lower Upper

122 100

107 120.1 91.2 136.8

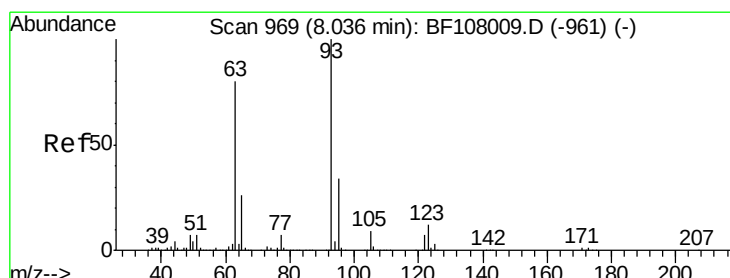
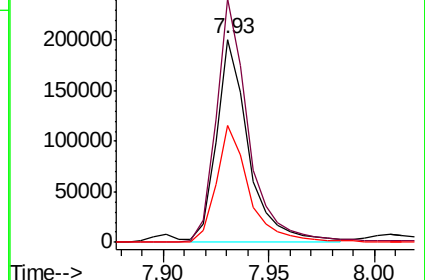
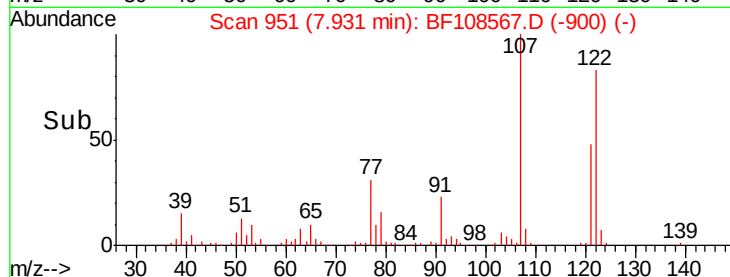
121 57.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.484 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

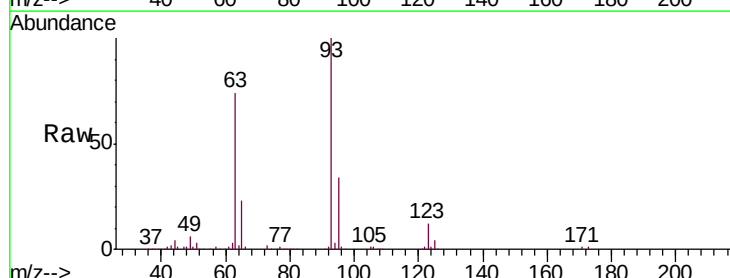
Tgt Ion: 93 Resp: 302367

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

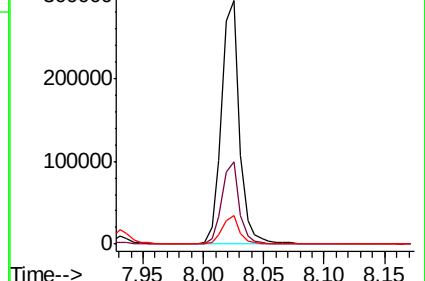
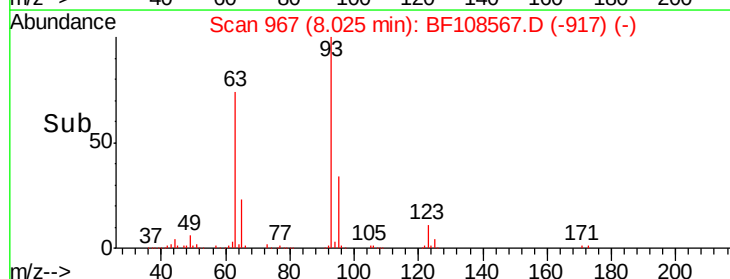
123 11.5 9.8 14.6

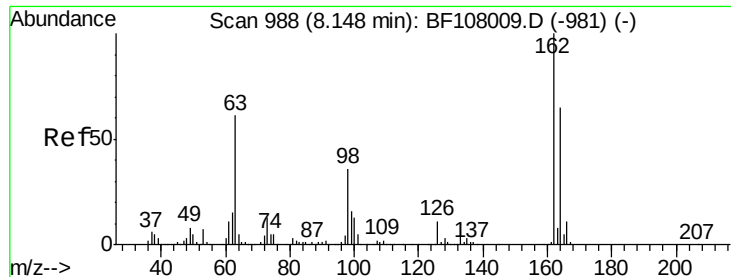


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.653 ng

RT: 8.14 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

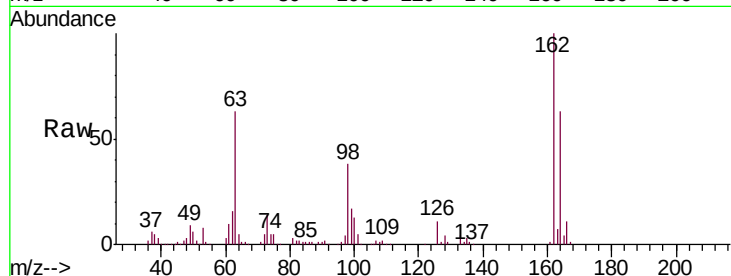
Tgt Ion:162 Resp: 223174

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

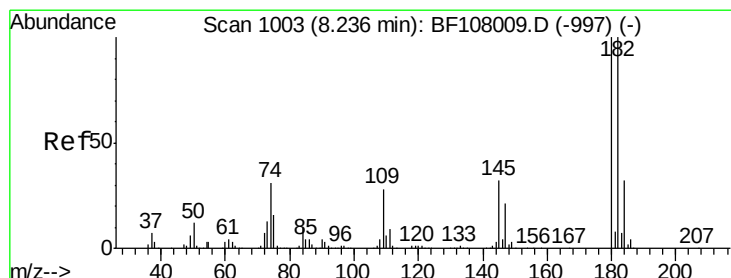
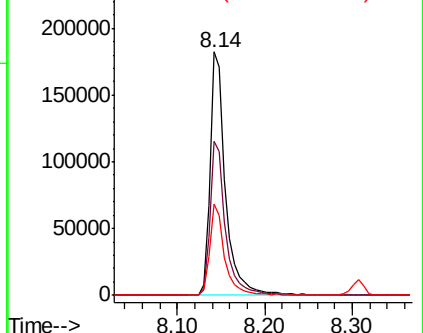
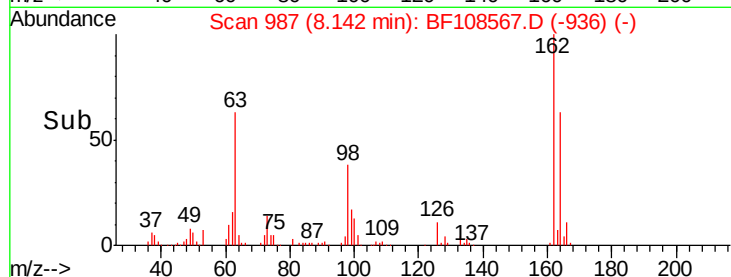
98 37.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.906 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

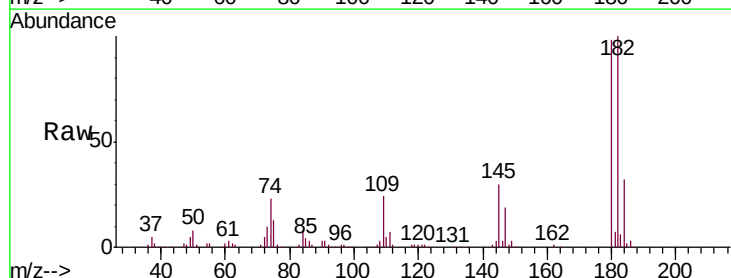
Tgt Ion:180 Resp: 235738

Ion Ratio Lower Upper

180 100

182 102.1 76.8 115.2

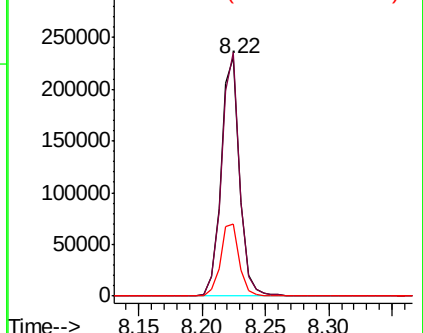
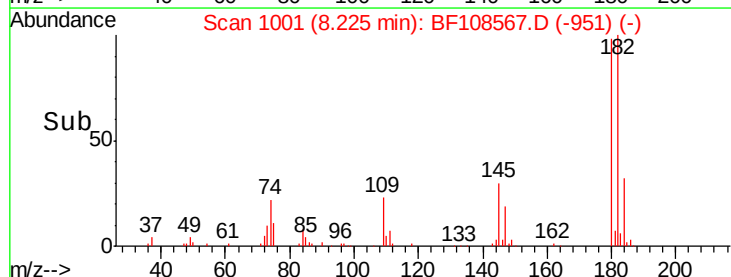
145 30.5 26.5 39.7

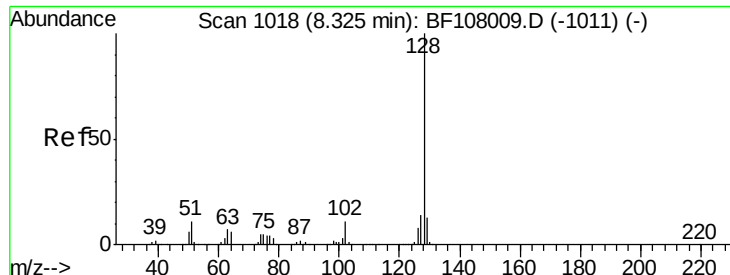


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

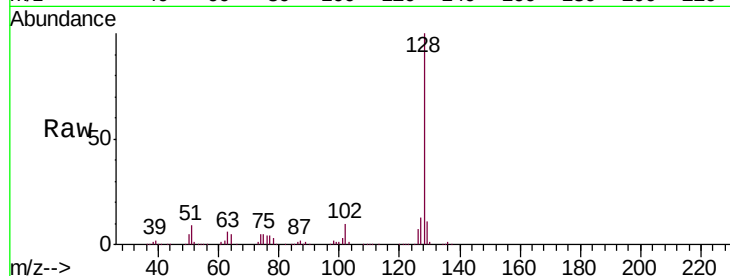




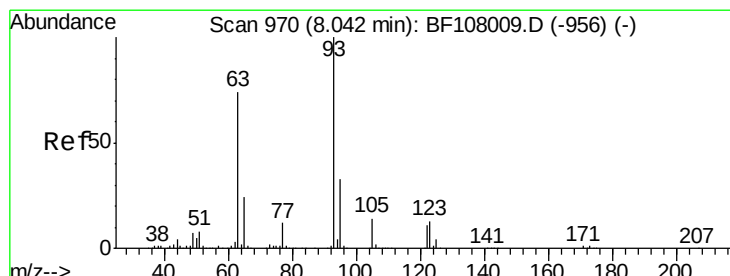
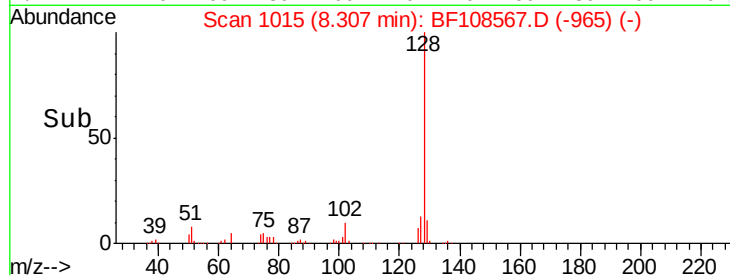
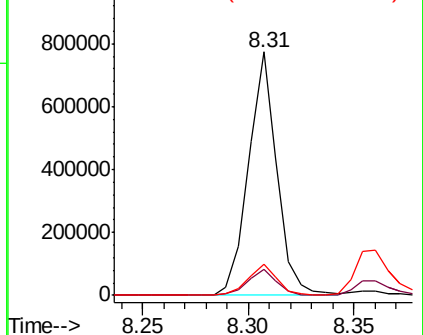
#31  
Naphthalene  
Concen: 41.594 ng  
RT: 8.31 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

Tgt Ion:128 Resp: 726474  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.0 10.9 16.3

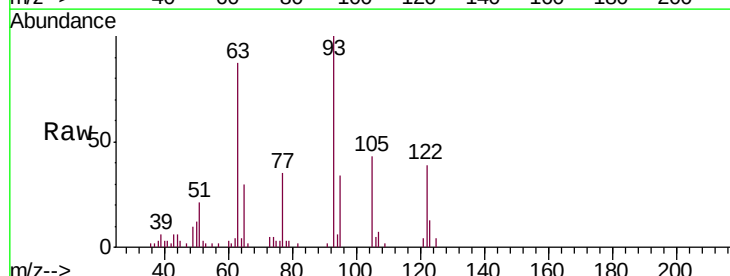


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

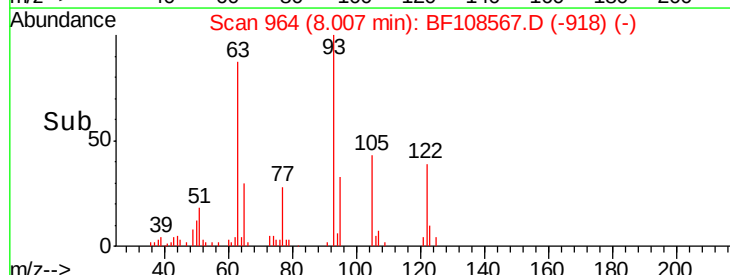
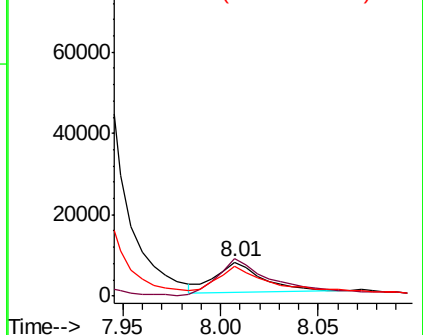


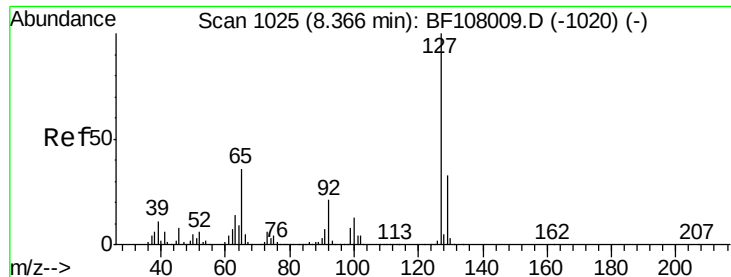
#32  
Benzoic acid  
Concen: 9.111 ng  
RT: 8.01 min Scan# 964  
Delta R.T. -0.03 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:122 Resp: 12102  
Ion Ratio Lower Upper  
122 100  
105 109.9 101.1 141.1  
77 88.9 70.7 110.7



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): BF1

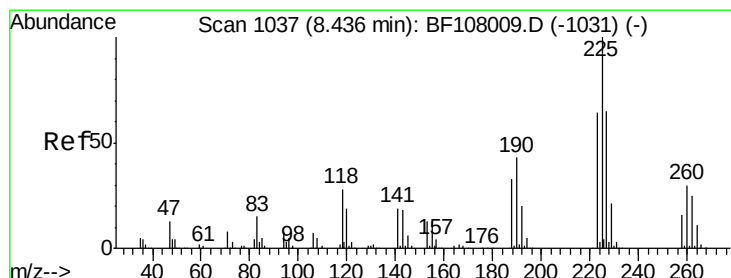
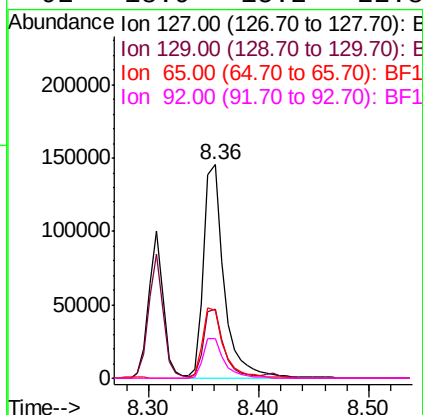
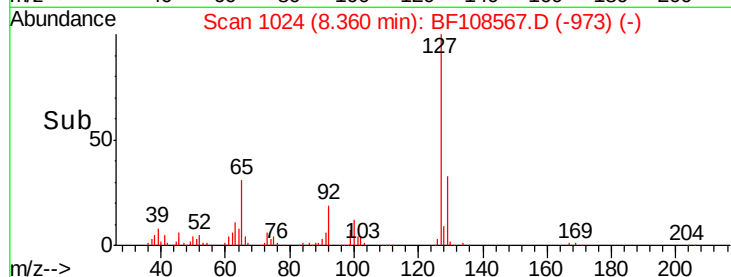
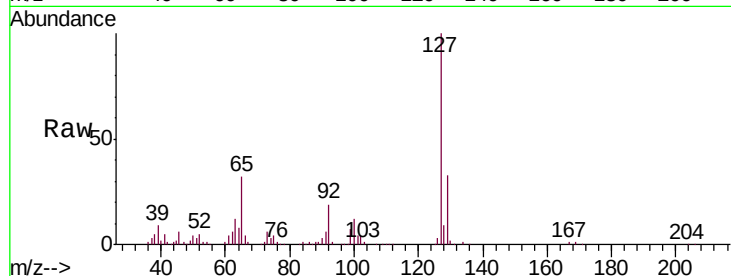




#33  
4-Chloroaniline  
Concen: 24.317 ng  
RT: 8.36 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

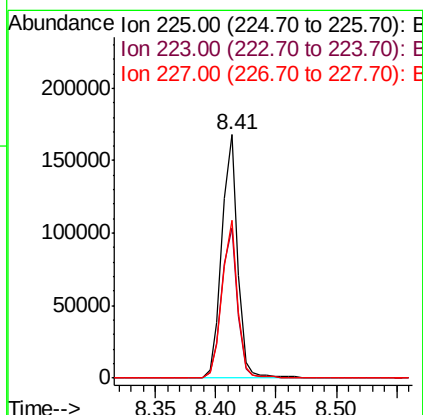
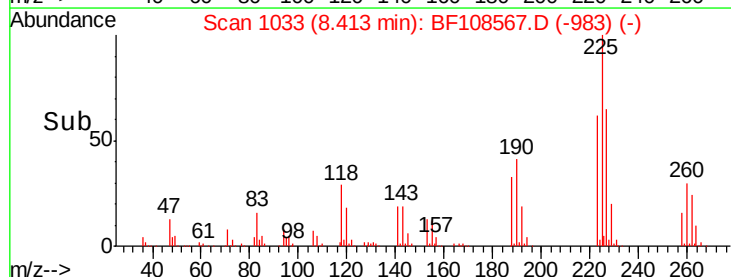
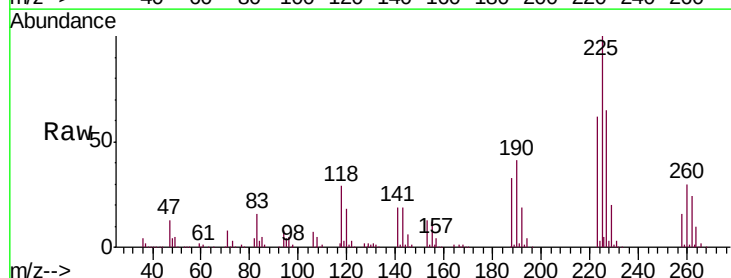
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

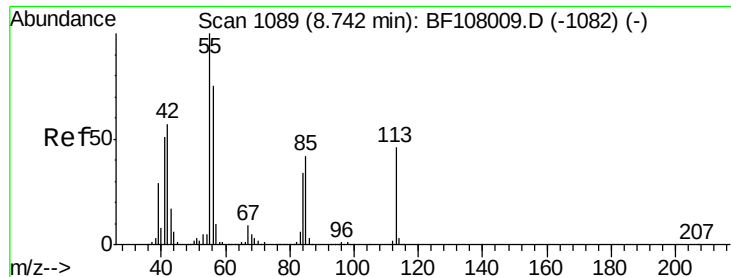
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 185088 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 31.5  | 25.0  | 37.4   |
| 92       | 18.9  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 40.804 ng  
RT: 8.41 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 152593 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.6  | 76.0   |
| 227      | 64.7  | 51.9  | 77.9   |

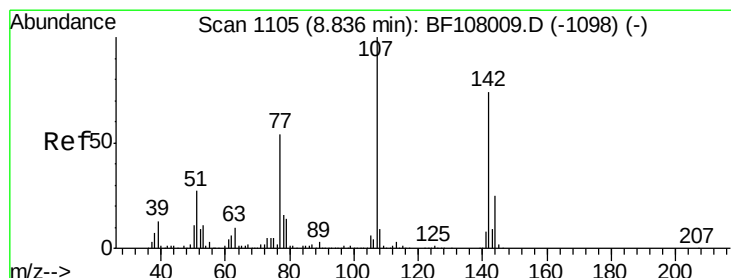
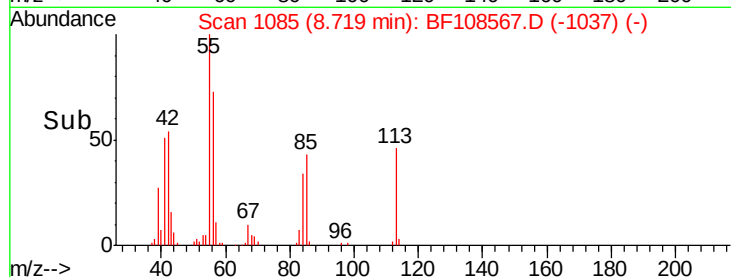
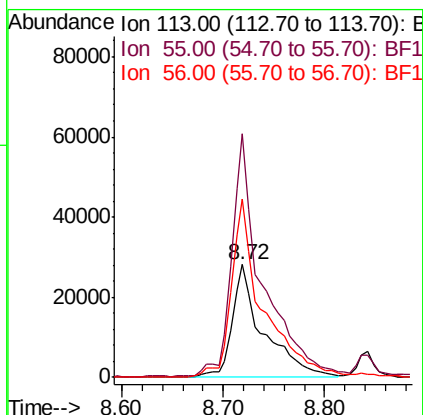
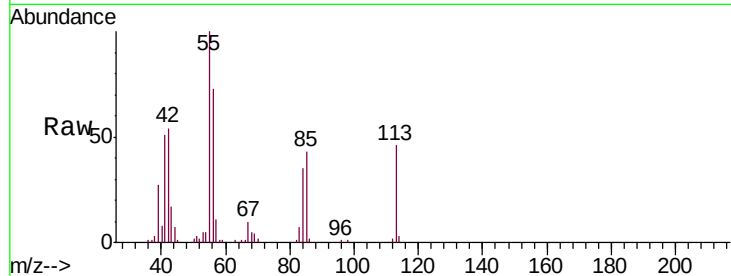




#35  
 Caprolactam  
 Concen: 35.629 ng  
 RT: 8.72 min Scan# 1085  
 Delta R.T. -0.02 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

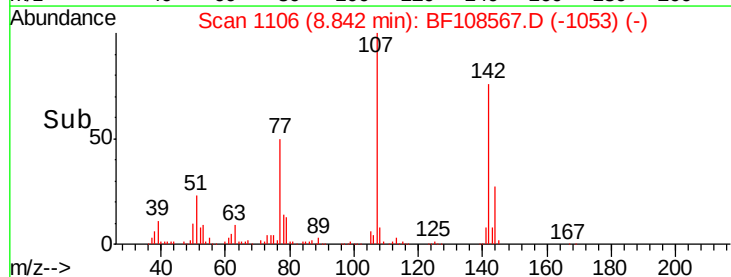
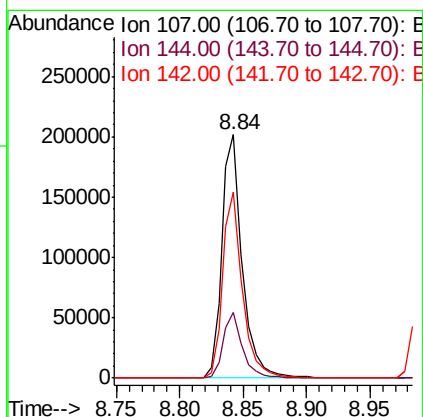
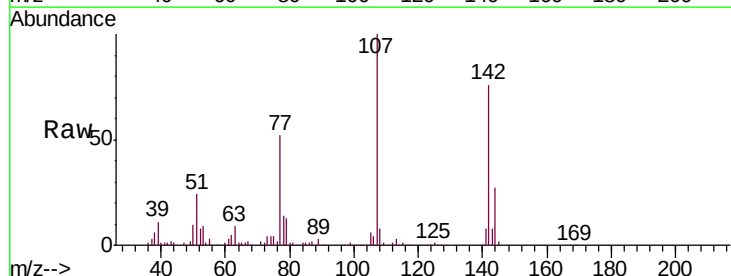
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

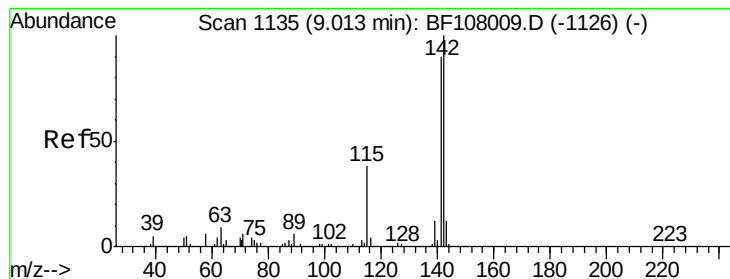
Tgt Ion:113 Resp: 59823  
 Ion Ratio Lower Upper  
 113 100  
 55 216.5 163.3 203.3#  
 56 159.0 115.7 155.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.061 ng  
 RT: 8.84 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Tgt Ion:107 Resp: 225779  
 Ion Ratio Lower Upper  
 107 100  
 144 27.2 20.5 30.7  
 142 76.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.195 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

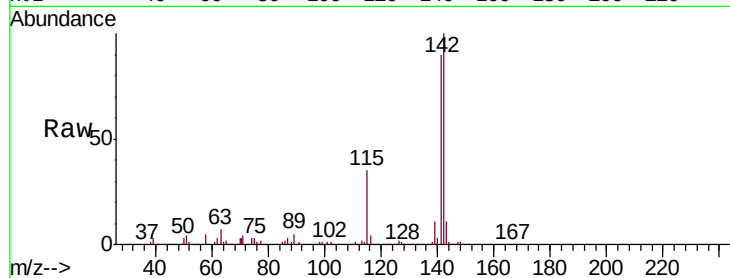
Tgt Ion:142 Resp: 484342

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

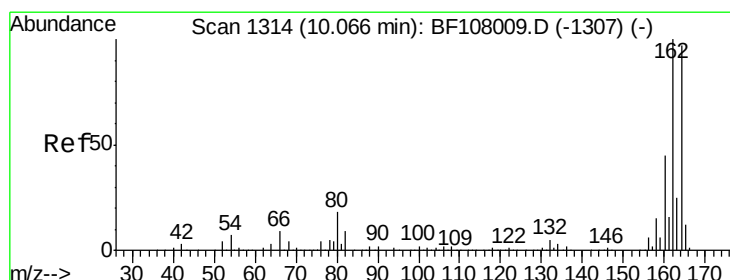
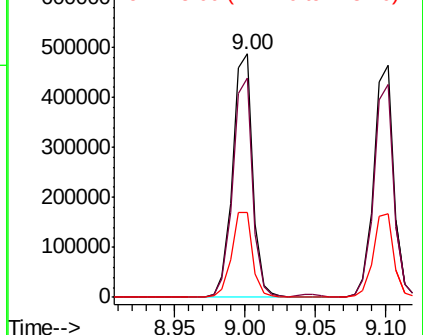
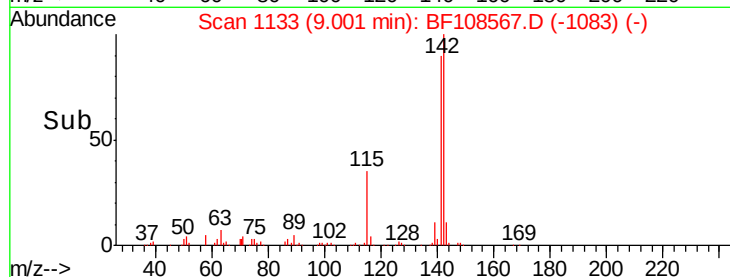
115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

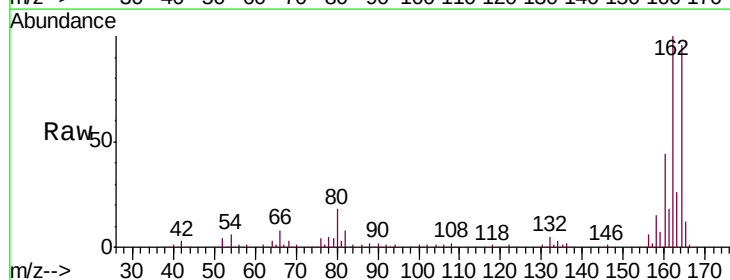
Tgt Ion:164 Resp: 179115

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

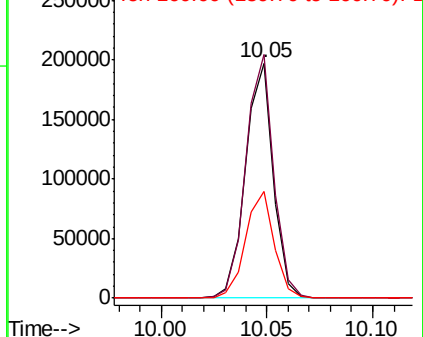
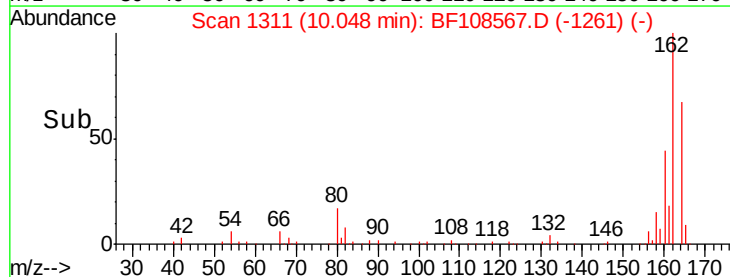
160 45.4 38.3 57.5

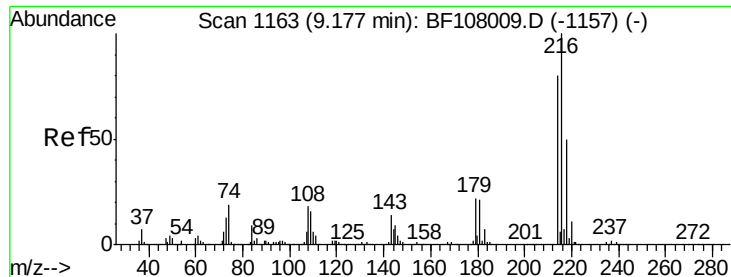


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.521 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

Tgt Ion: 216 Resp: 244883

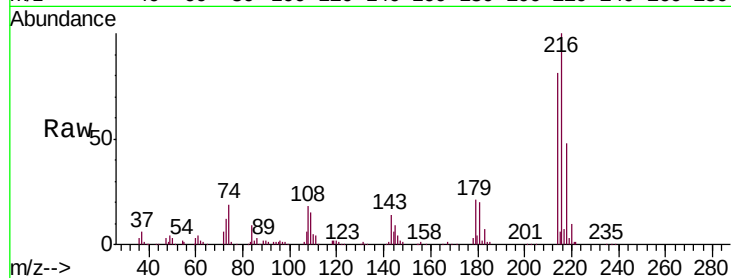
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.6 18.1 27.1

108 17.2 17.2 25.8

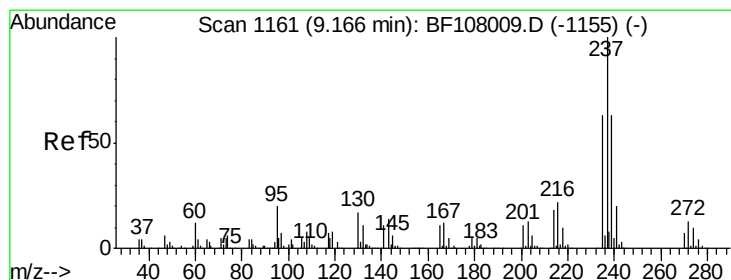
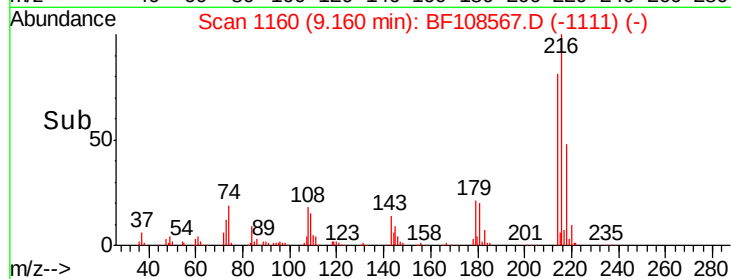
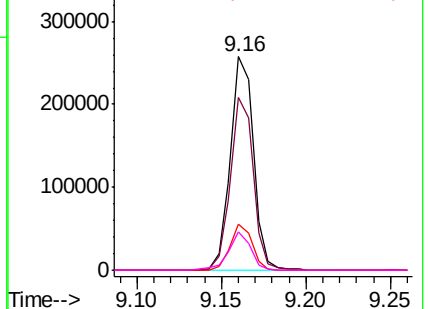


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.516 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

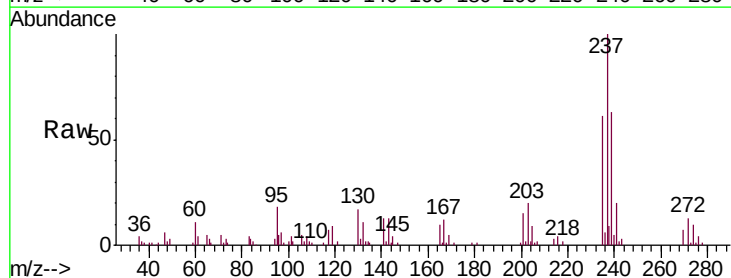
Tgt Ion: 237 Resp: 51571

Ion Ratio Lower Upper

237 100

235 61.2 44.8 84.8

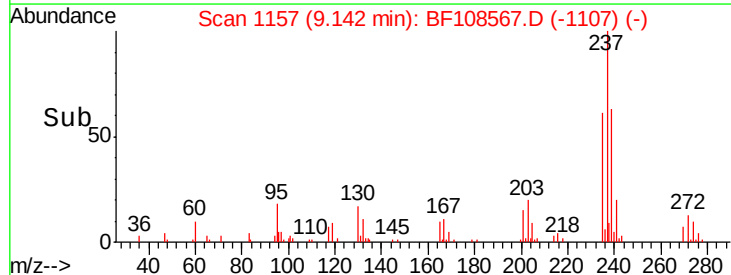
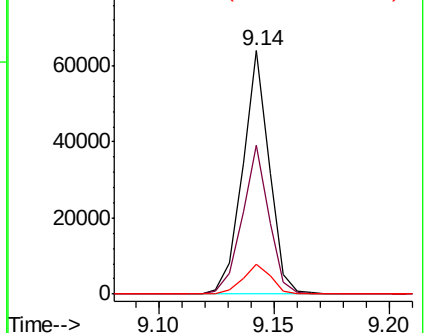
272 12.5 0.0 33.3



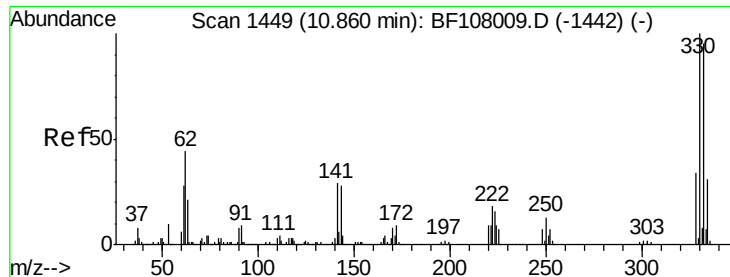
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



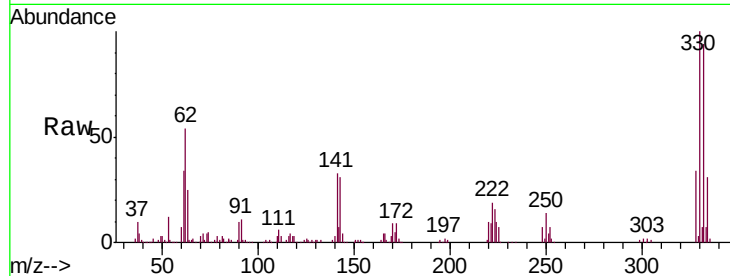




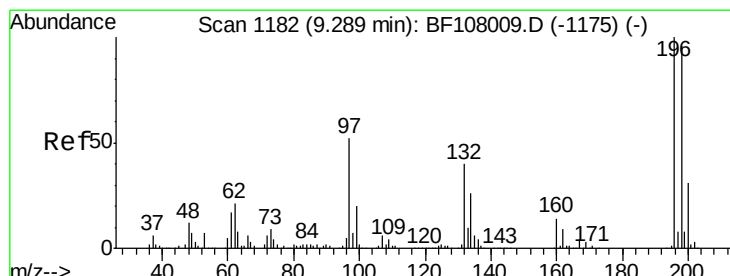
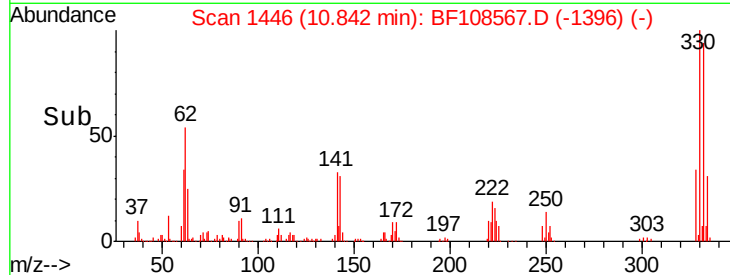
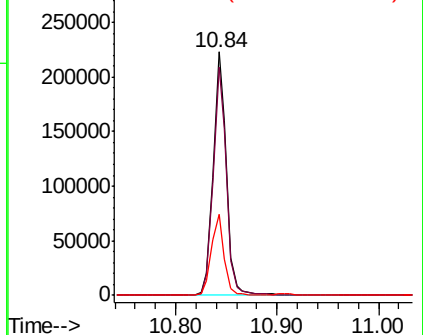
#41  
 2,4,6-Tribromophenol  
 Concen: 113.462 ng  
 RT: 10.84 min Scan# 1446  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

Tgt Ion:330 Resp: 202714  
 Ion Ratio Lower Upper  
 330 100  
 332 94.3 77.0 115.6  
 141 32.3 29.9 44.9

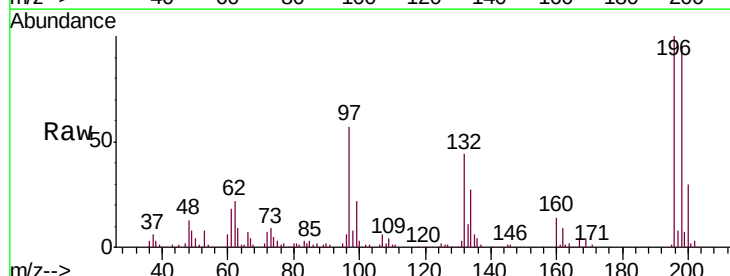


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

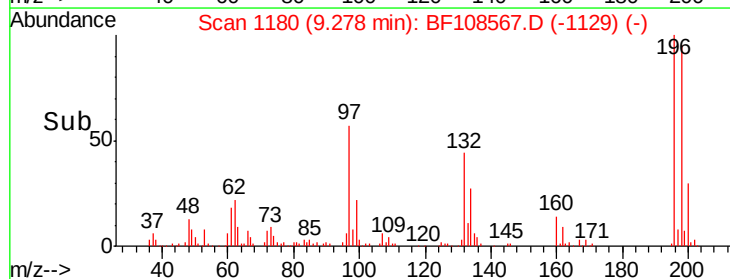
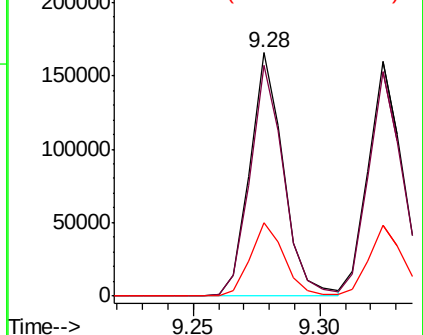


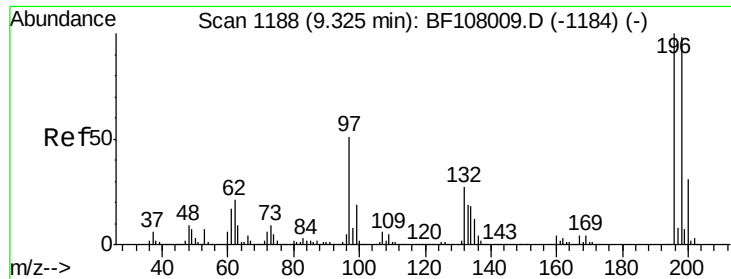
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.910 ng  
 RT: 9.28 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Tgt Ion:196 Resp: 153293  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.7 113.5  
 200 30.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

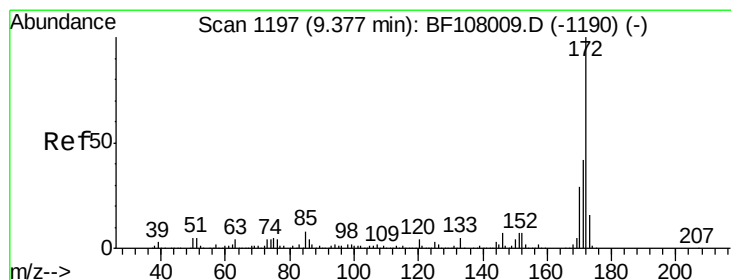
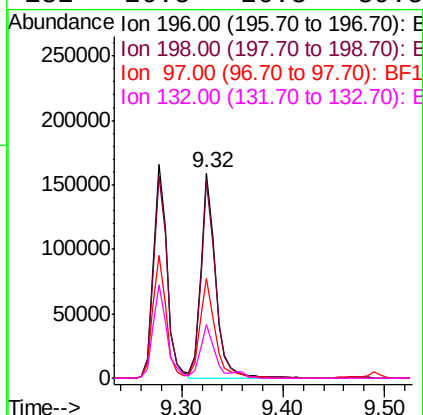
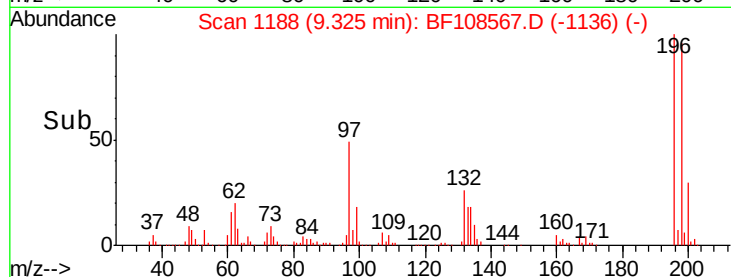
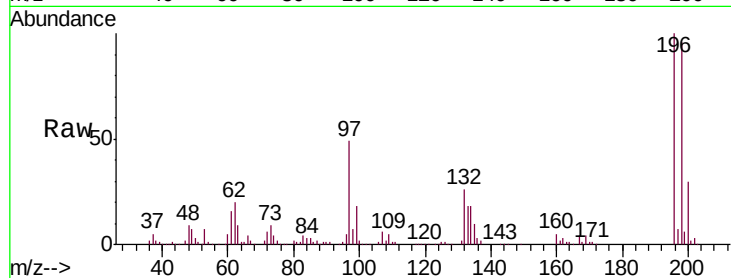




#43  
 2,4,5-Trichlorophenol  
 Concen: 42.884 ng  
 RT: 9.32 min Scan# 1188  
 Delta R.T. 0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

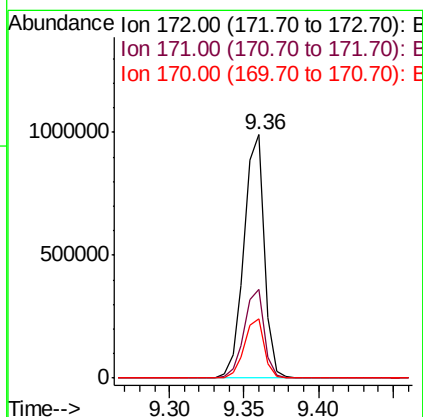
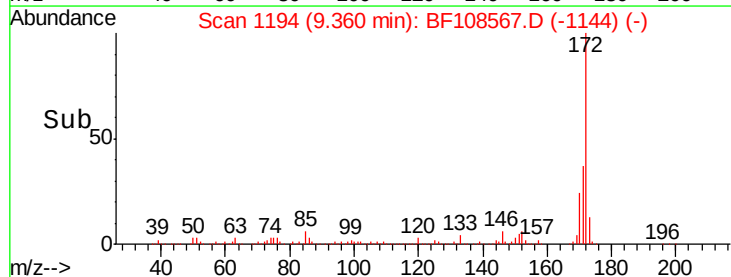
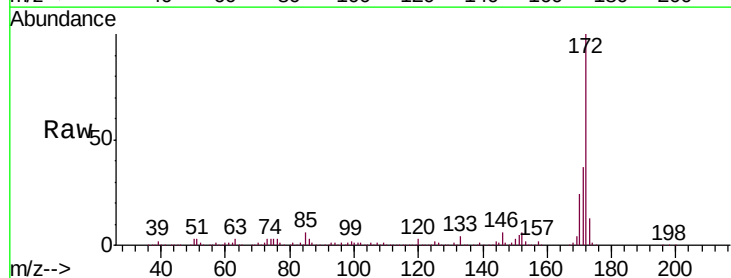
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

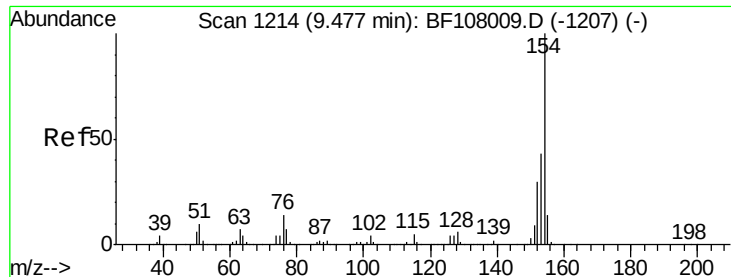
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 161133 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.9  | 74.6  | 112.0  |
| 97       | 48.8  | 42.9  | 64.3   |
| 132      | 26.5  | 26.3  | 39.5   |



#44  
 2-Fluorobiphenyl  
 Concen: 84.213 ng  
 RT: 9.36 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 939529 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.5  | 29.7  | 44.5   |
| 170      | 24.1  | 19.6  | 29.4   |

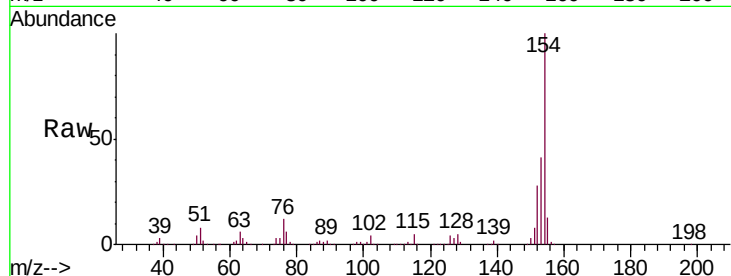




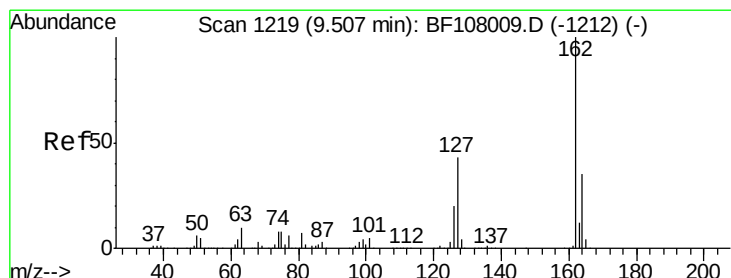
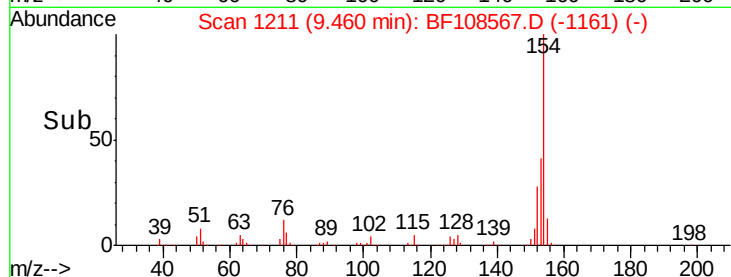
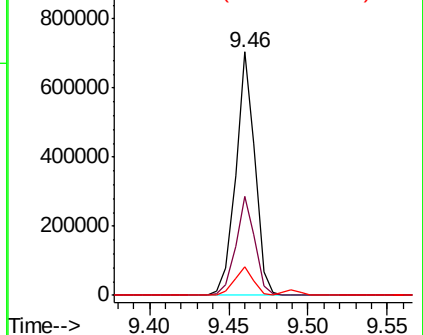
#45  
 1,1'-Biphenyl  
 Concen: 44.346 ng  
 RT: 9.46 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 585638 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.7  | 21.3  | 61.3   |
| 76       | 12.0  | 0.0   | 34.0   |

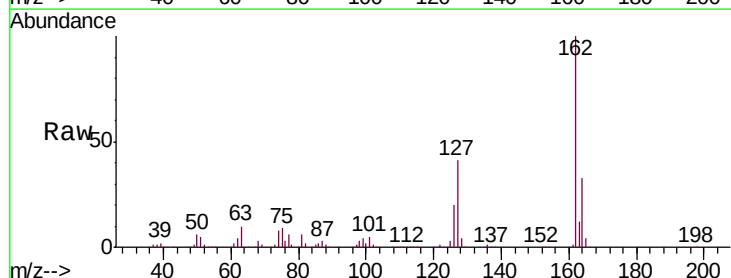


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

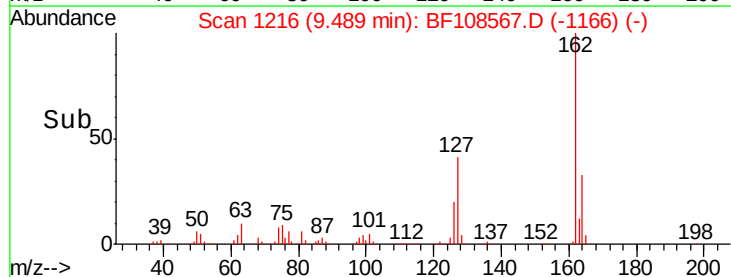
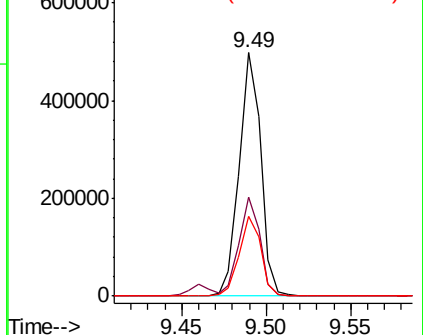


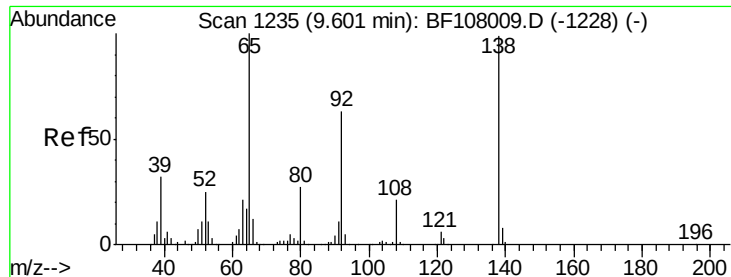
#46  
 2-Chloronaphthalene  
 Concen: 42.543 ng  
 RT: 9.49 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 444048 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 40.8  | 33.9  | 50.9   |
| 164      | 32.8  | 26.5  | 39.7   |



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: 43.560 ng

RT: 9.59 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

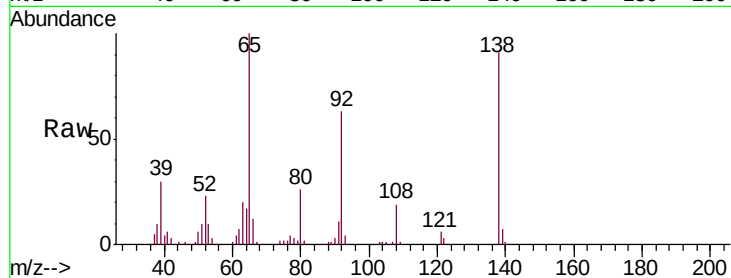
Tgt Ion: 65 Resp: 147111

Ion Ratio Lower Upper

65 100

92 62.9 55.8 83.6

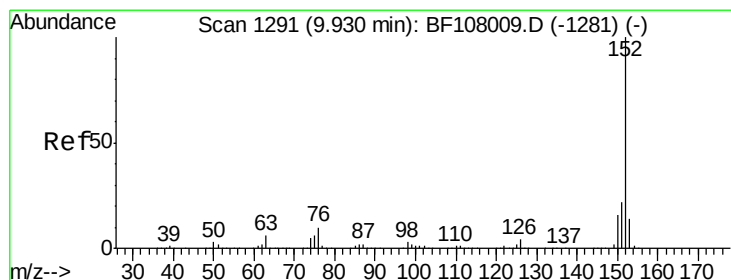
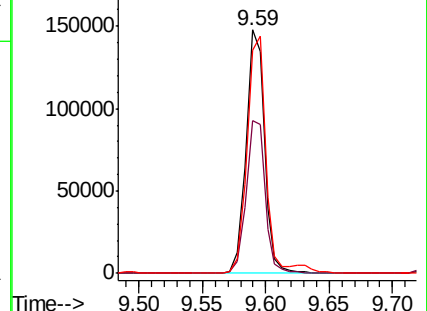
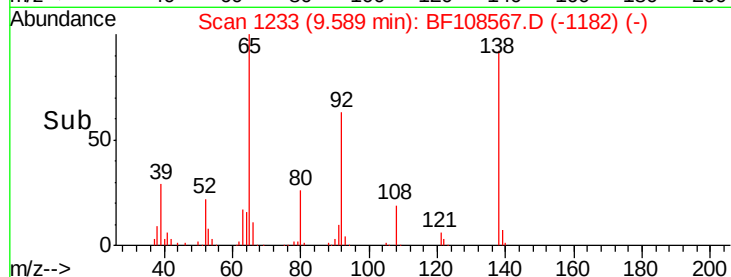
138 91.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 41.998 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

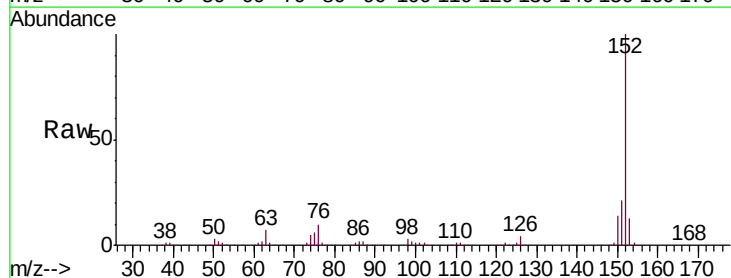
Tgt Ion: 152 Resp: 693012

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

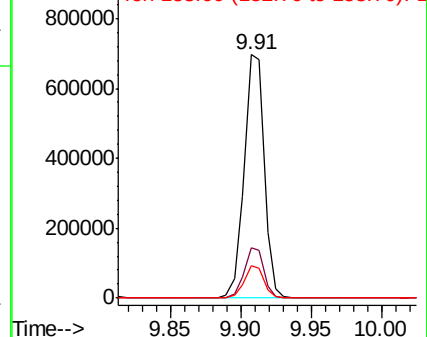
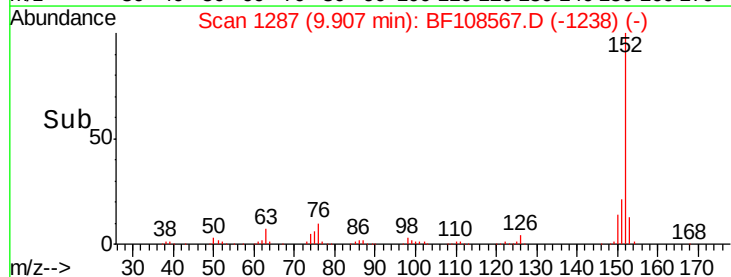
153 13.4 10.7 16.1

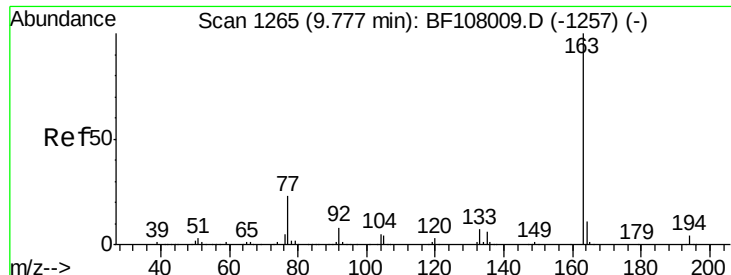


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

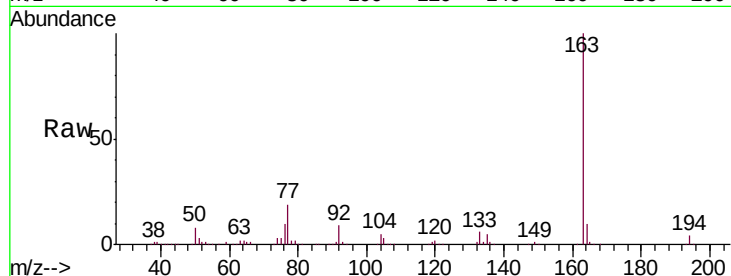




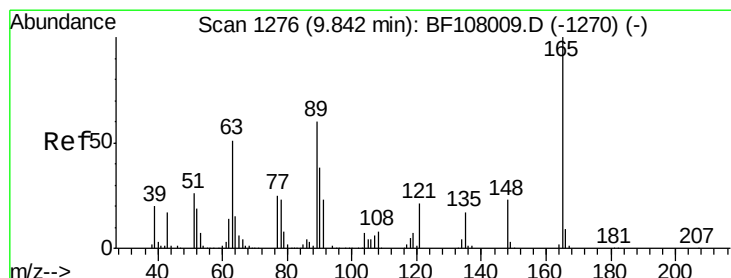
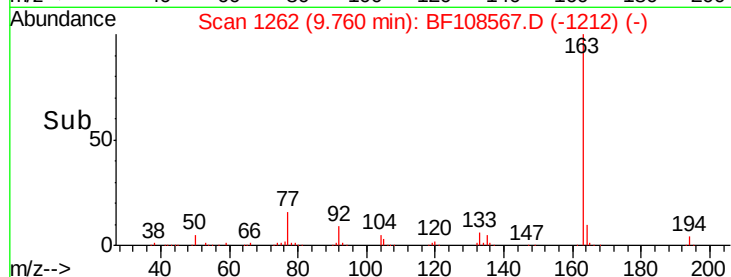
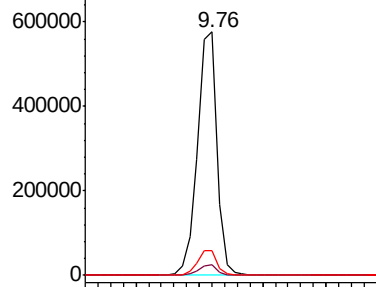
#49  
Dimethylphthalate  
Concen: 49.160 ng  
RT: 9.76 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

Tgt Ion:163 Resp: 613363  
Ion Ratio Lower Upper  
163 100  
194 4.2 2.7 4.1#  
164 10.0 8.2 12.2

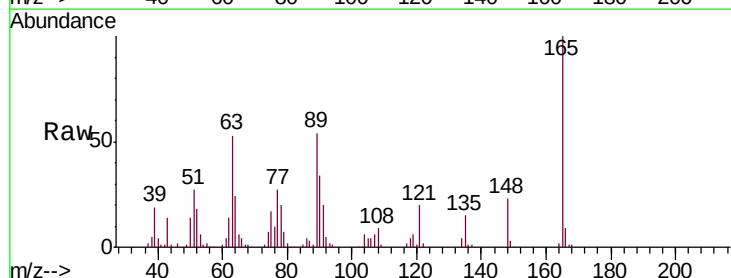


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

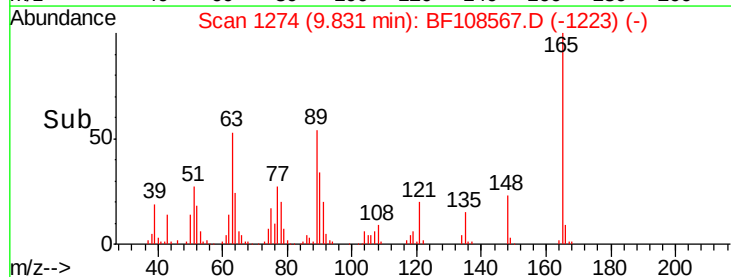
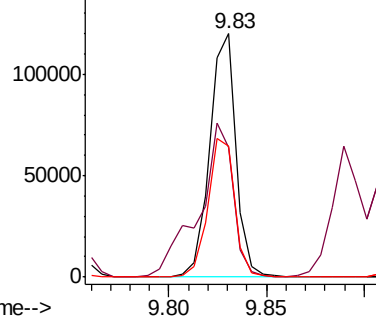


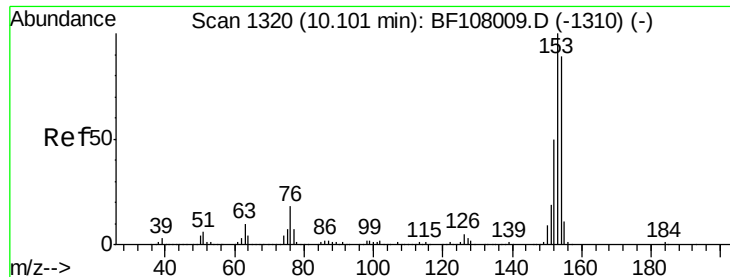
#50  
2,6-Dinitrotoluene  
Concen: 42.623 ng  
RT: 9.83 min Scan# 1274  
Delta R.T. 0.00 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:165 Resp: 111263  
Ion Ratio Lower Upper  
165 100  
63 53.4 44.7 67.1  
89 53.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.044 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

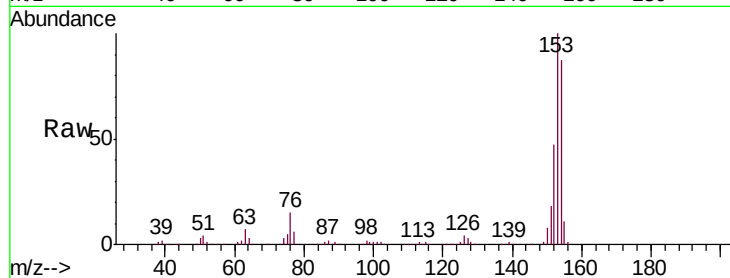
Tgt Ion:154 Resp: 394612

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

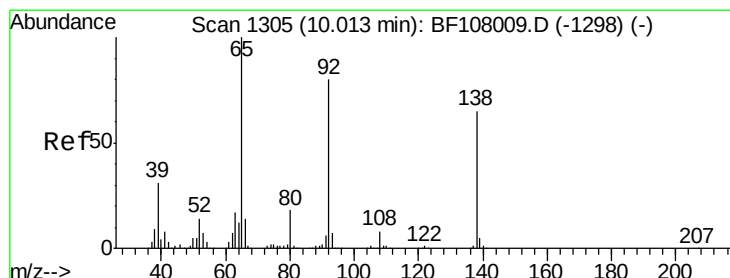
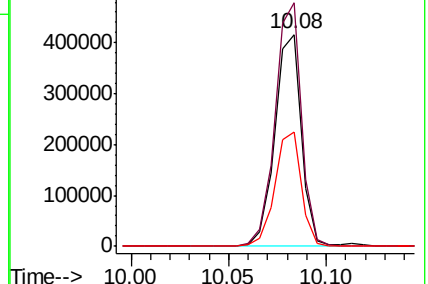
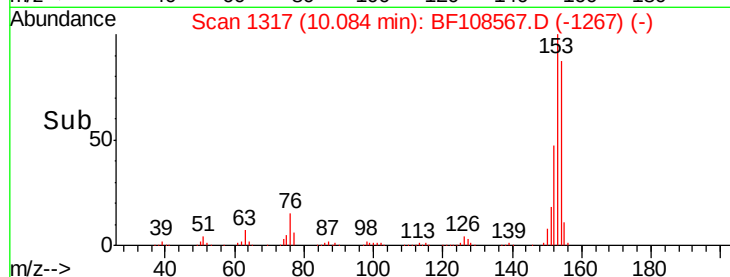
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.690 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

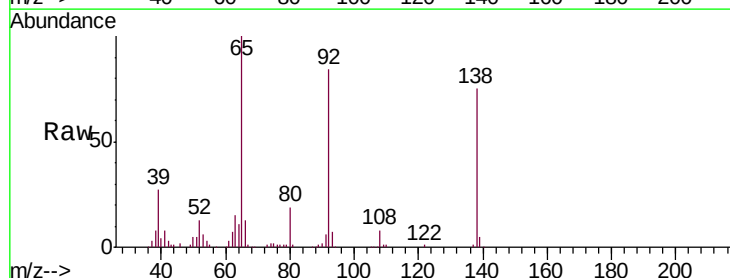
Tgt Ion:138 Resp: 96221

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

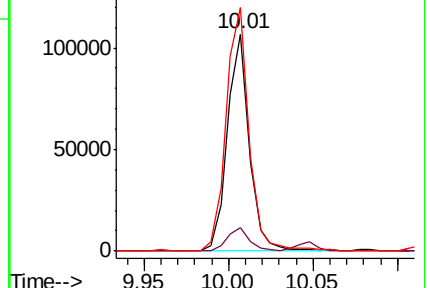
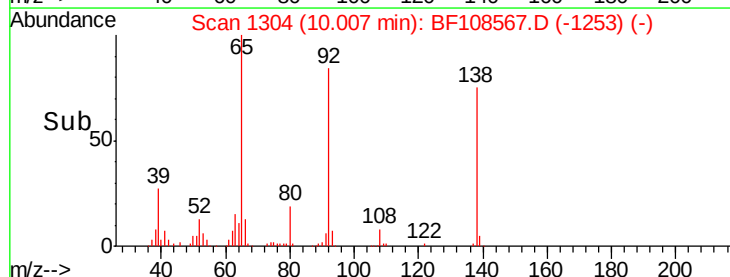
92 112.3 89.4 134.2

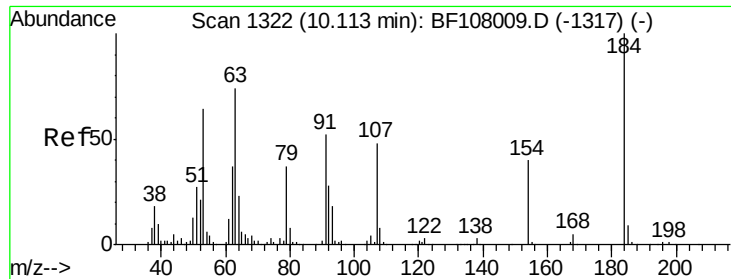


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

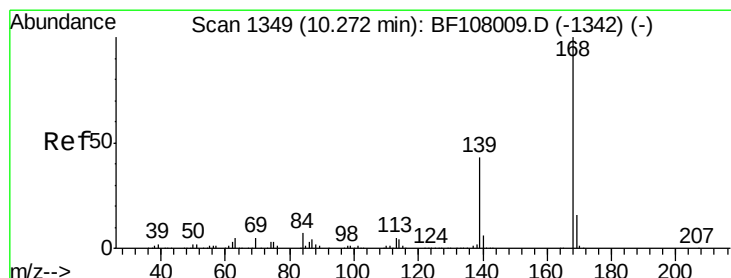
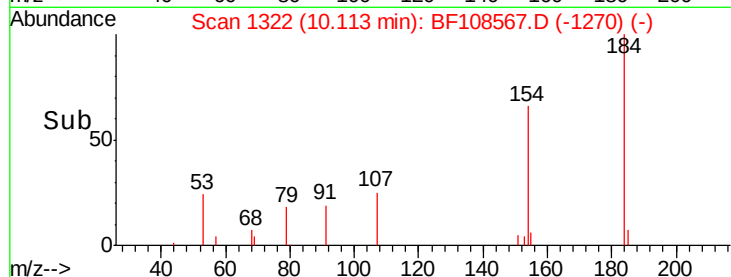
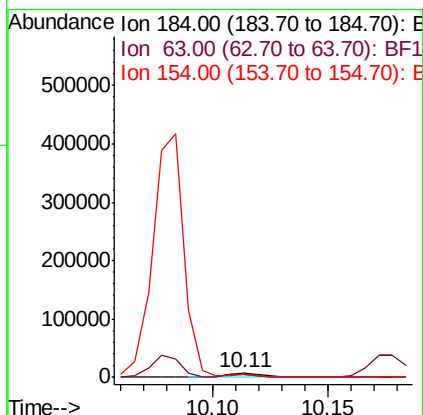
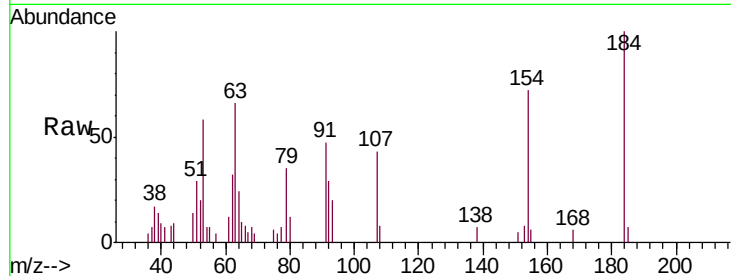




#53  
2,4-Dinitrophenol  
Concen: 15.105 ng  
RT: 10.11 min Scan# 1322  
Delta R.T. 0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

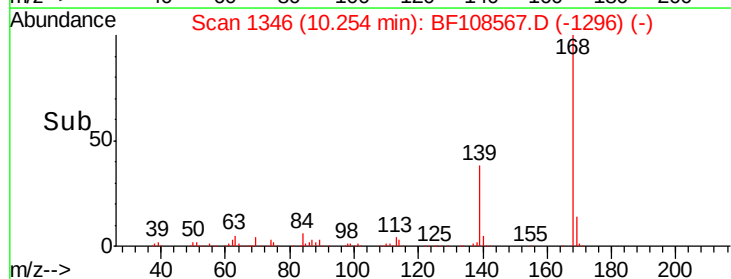
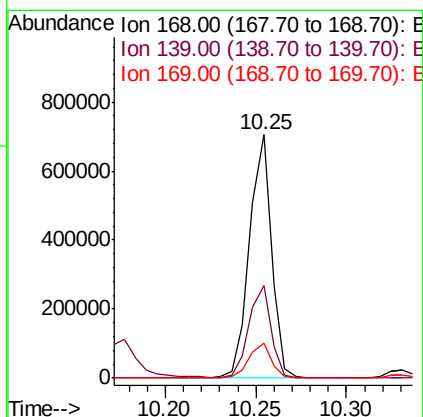
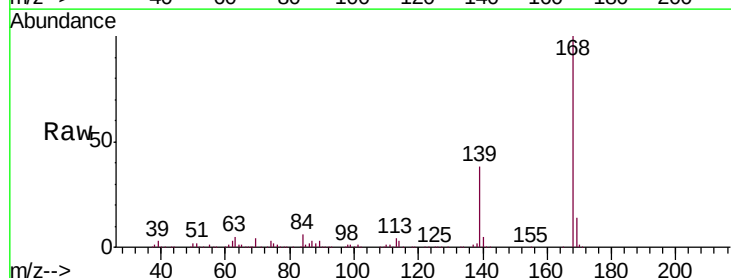
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

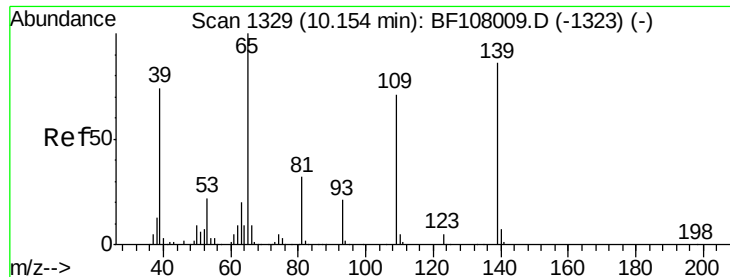
Tgt Ion:184 Resp: 8657  
Ion Ratio Lower Upper  
184 100  
63 65.6 54.2 81.2  
154 71.6 184.0 276.0#



#54  
Dibenzofuran  
Concen: 40.734 ng  
RT: 10.25 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:168 Resp: 596459  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.1 45.1  
169 14.1 10.9 16.3

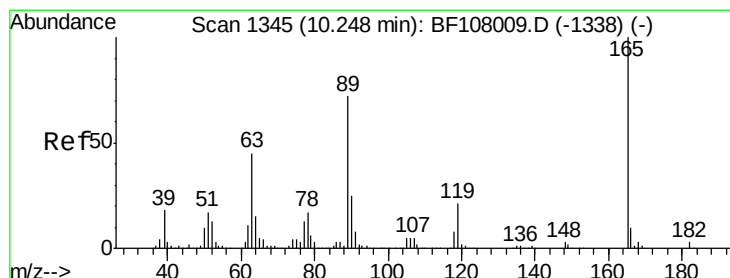
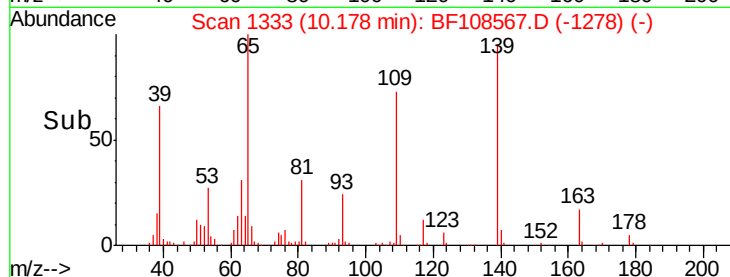
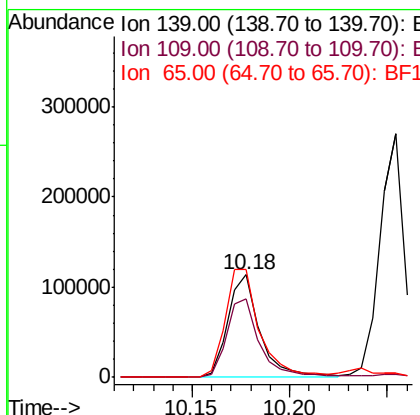
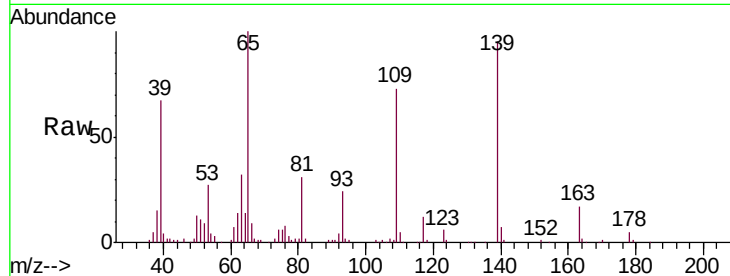




#55  
4-Nitrophenol  
Concen: 60.338 ng  
RT: 10.18 min Scan# 1333  
Delta R.T. 0.02 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

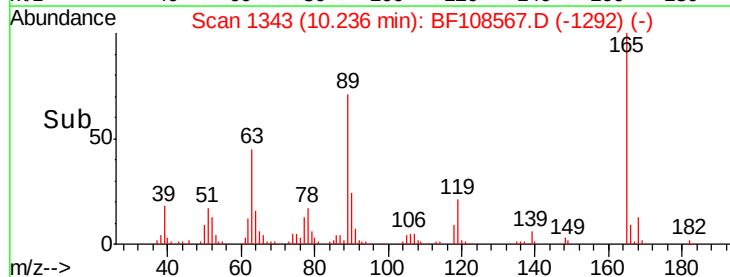
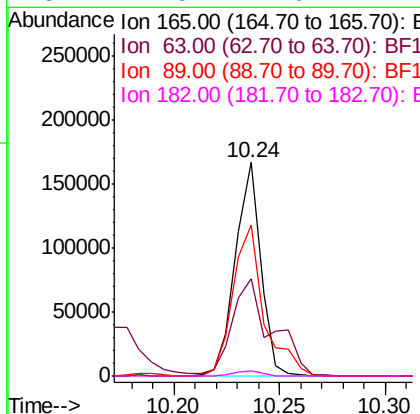
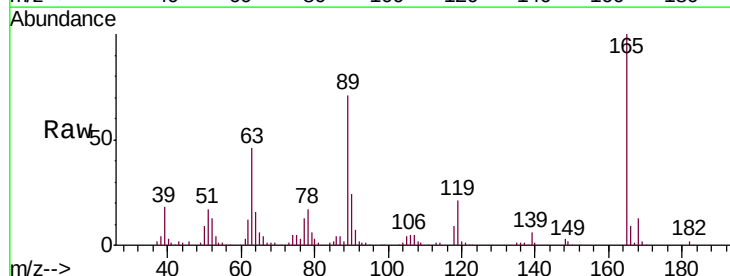
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

Tgt Ion:139 Resp: 130499  
Ion Ratio Lower Upper  
139 100  
109 77.0 48.4 88.4  
65 105.3 72.6 112.6

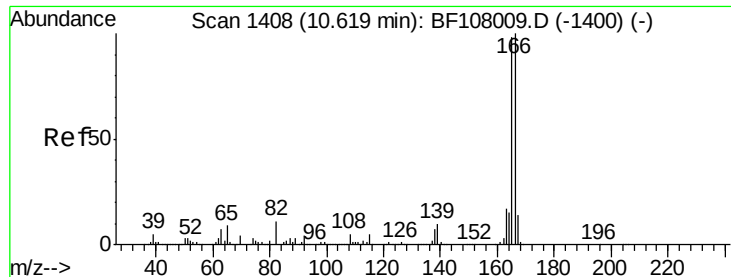


#56  
2,4-Dinitrotoluene  
Concen: 41.211 ng  
RT: 10.24 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:165 Resp: 138472  
Ion Ratio Lower Upper  
165 100  
63 45.5 36.4 54.6  
89 71.0 57.8 86.6  
182 2.5 1.6 2.4#







#57

Fluorene

Concen: 39.575 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

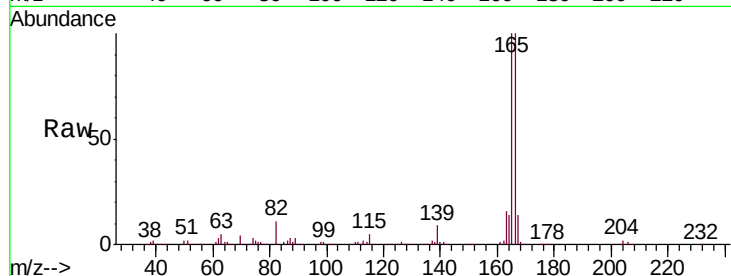
Tgt Ion:166 Resp: 458734

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

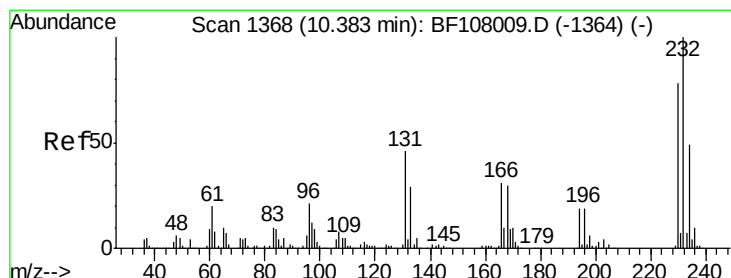
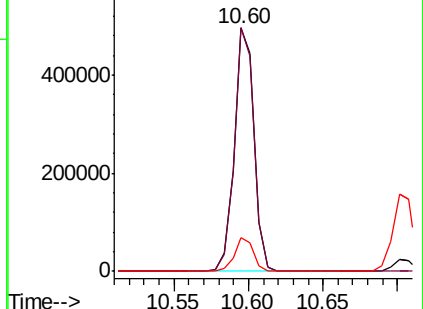
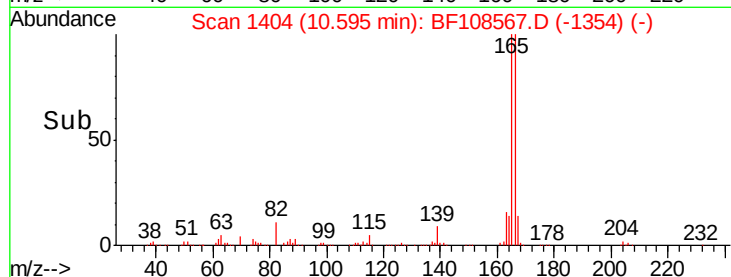
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.169 ng

RT: 10.37 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Tgt Ion:232 Resp: 116730

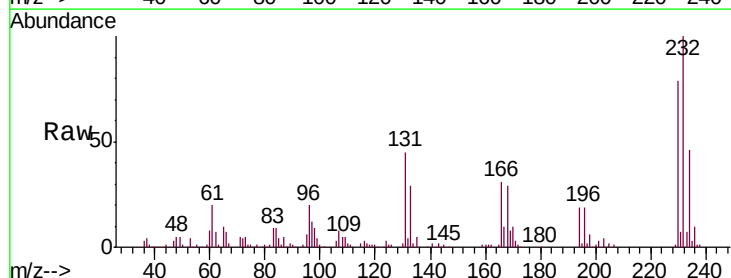
Ion Ratio Lower Upper

232 100

131 42.5 43.8 65.8#

130 2.1 2.1 3.1

166 29.1 27.8 41.6

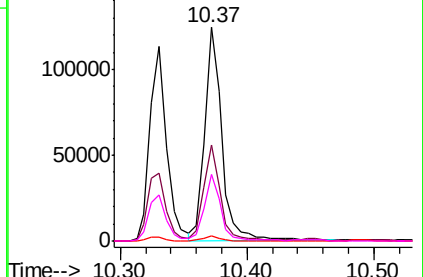
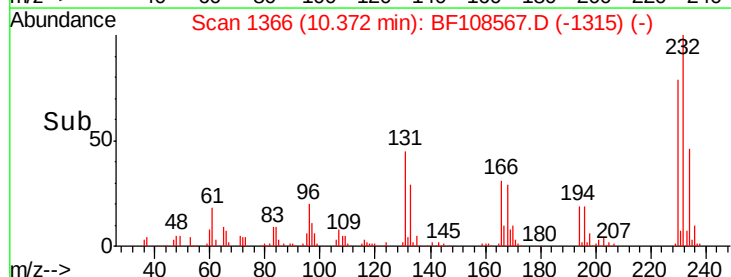


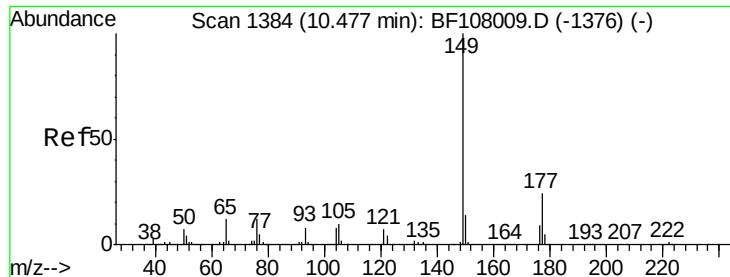
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

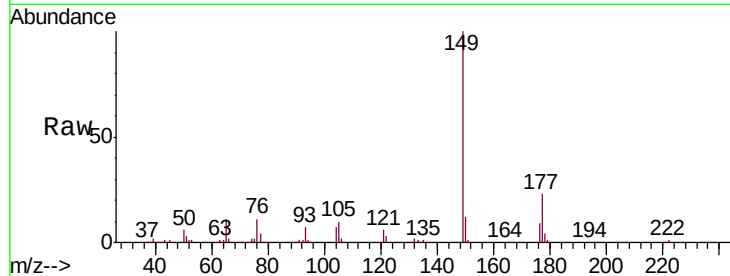




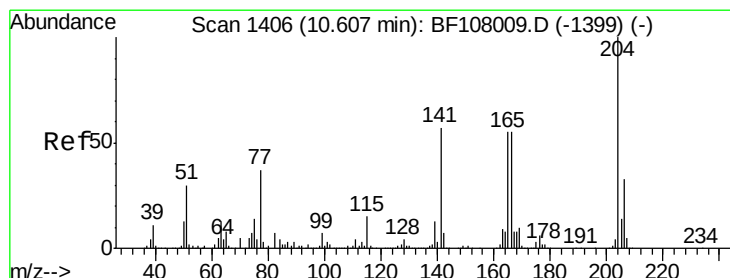
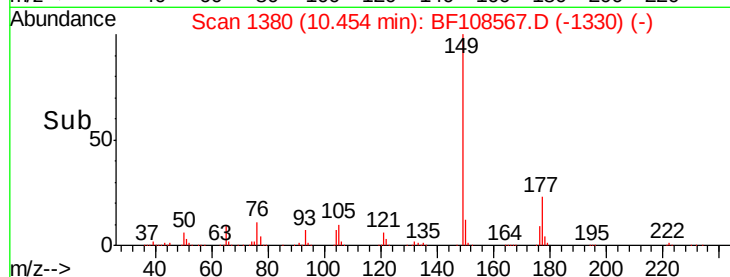
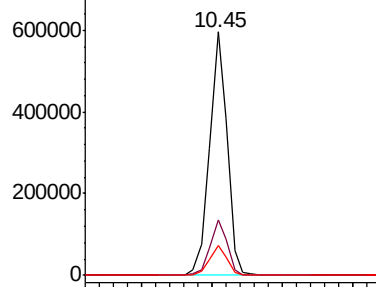
#59  
Diethylphthalate  
Concen: 42.534 ng  
RT: 10.45 min Scan# 1380  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

Tgt Ion:149 Resp: 513891  
Ion Ratio Lower Upper  
149 100  
177 22.7 16.1 24.1  
150 12.2 10.1 15.1

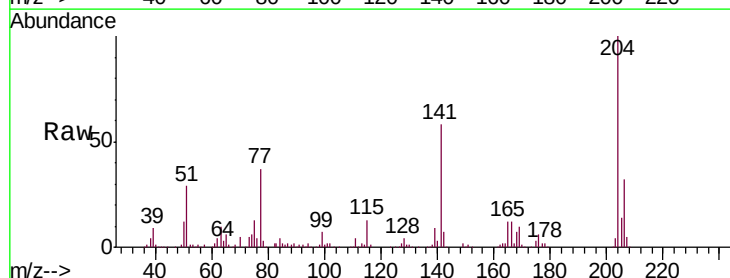


Abundance Ion 149.00 (148.70 to 149.70): E  
800000  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

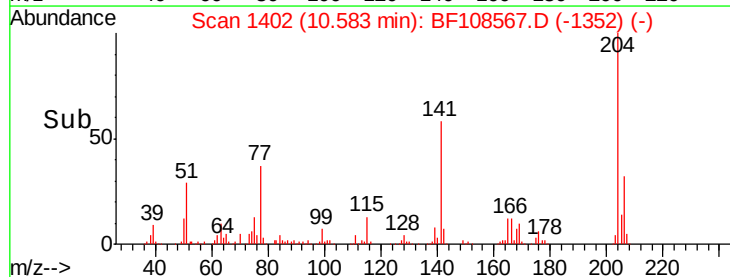
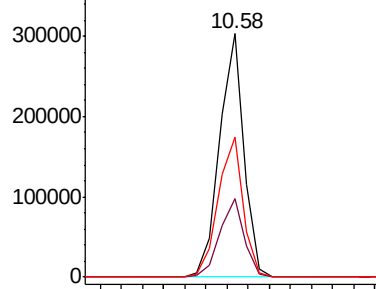


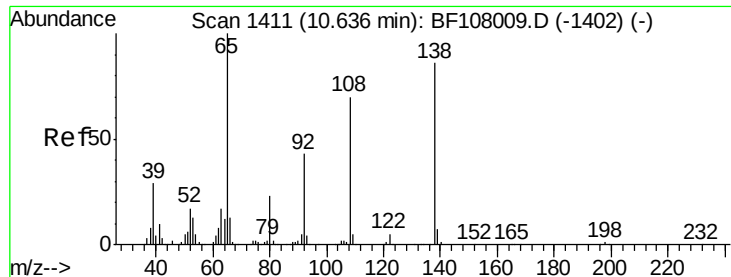
#60  
4-Chlorophenyl-phenylether  
Concen: 40.121 ng  
RT: 10.58 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:204 Resp: 242328  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.5 39.7  
141 57.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E  
400000  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

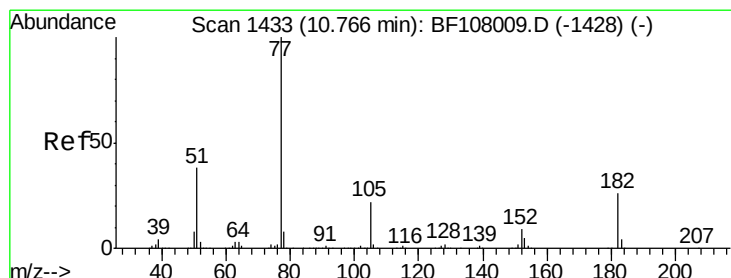
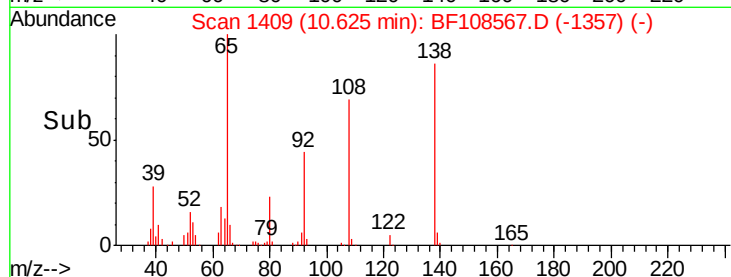
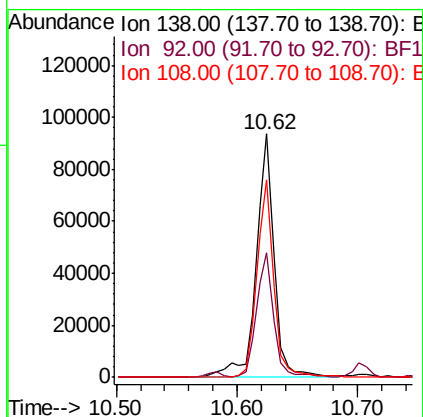
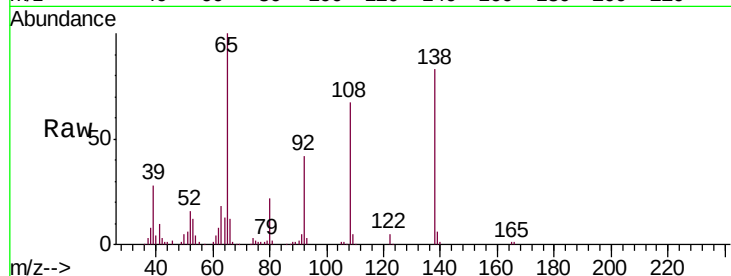




#61  
4-Nitroaniline  
Concen: 34.474 ng  
RT: 10.62 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

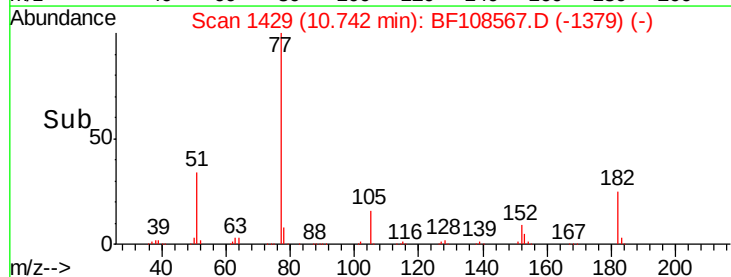
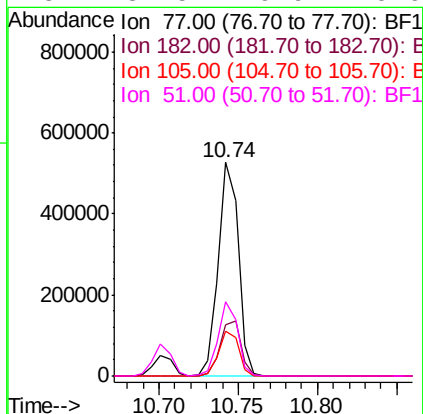
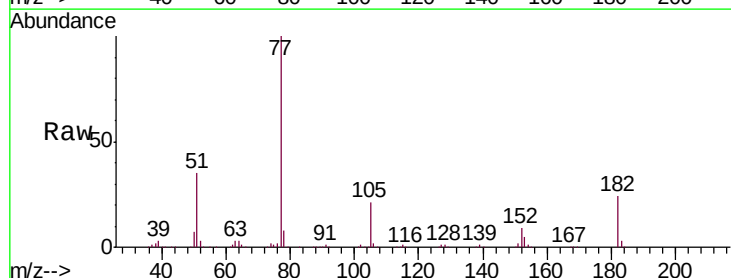
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

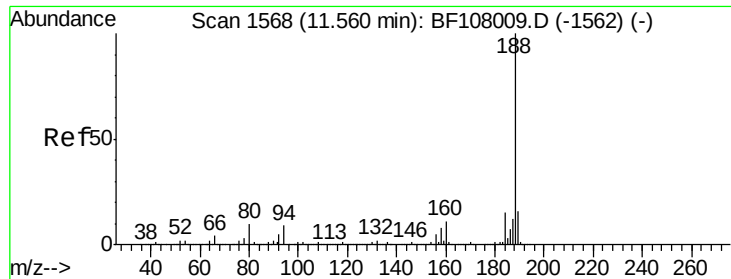
Tgt Ion: 138 Resp: 97347  
Ion Ratio Lower Upper  
138 100  
92 51.0 30.2 70.2  
108 80.9 52.5 92.5



#62  
Azobenzene  
Concen: 37.320 ng  
RT: 10.74 min Scan# 1429  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion: 77 Resp: 465650  
Ion Ratio Lower Upper  
77 100  
182 23.9 1.7 41.7  
105 20.7 3.0 43.0  
51 34.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

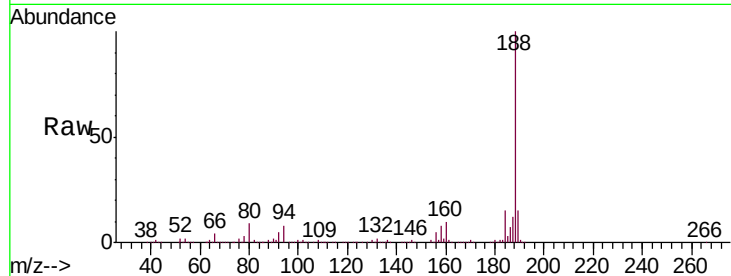
Tgt Ion:188 Resp: 292061

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

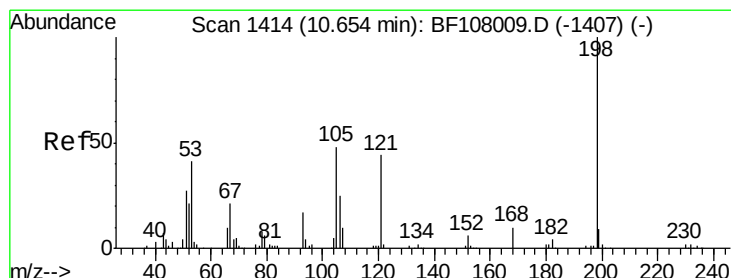
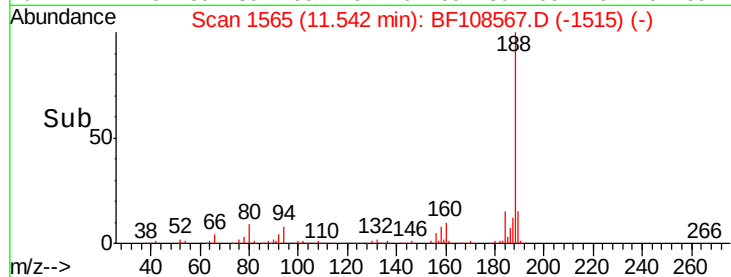
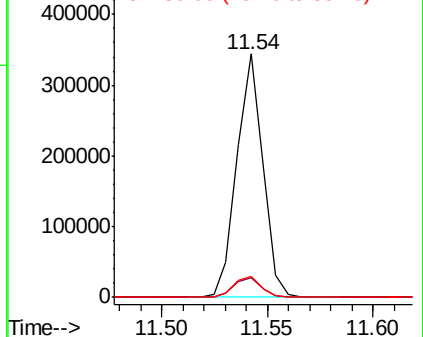
80 8.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 15.795 ng

RT: 10.65 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

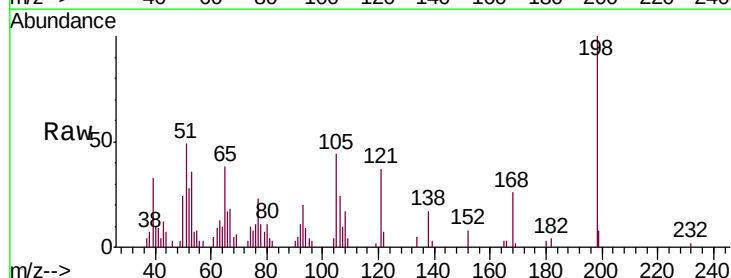
Tgt Ion:198 Resp: 12882

Ion Ratio Lower Upper

198 100

51 48.7 37.7 77.7

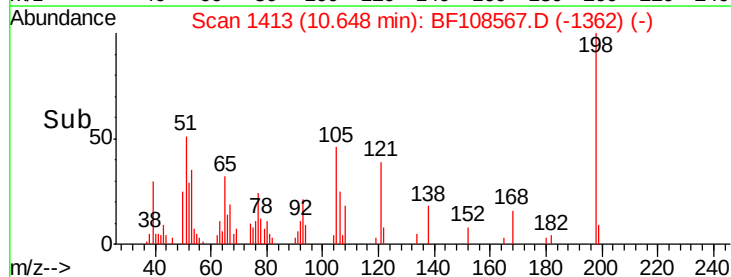
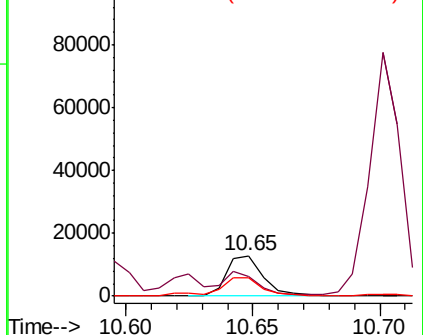
105 44.1 36.3 76.3

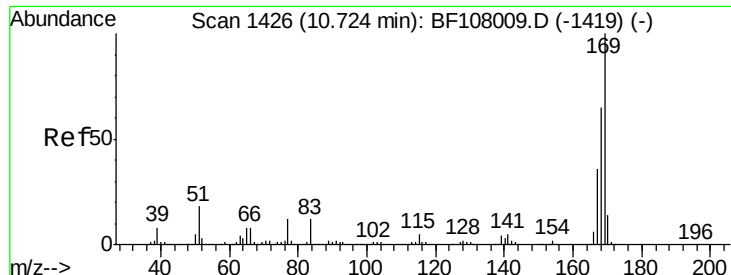


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

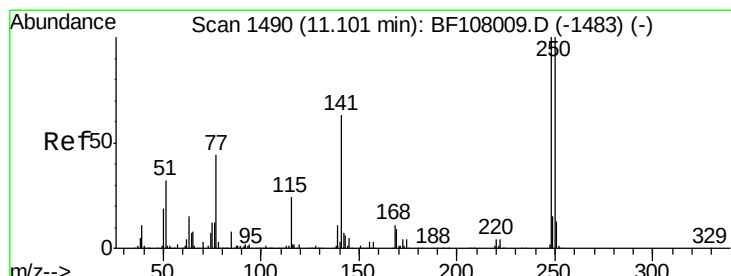
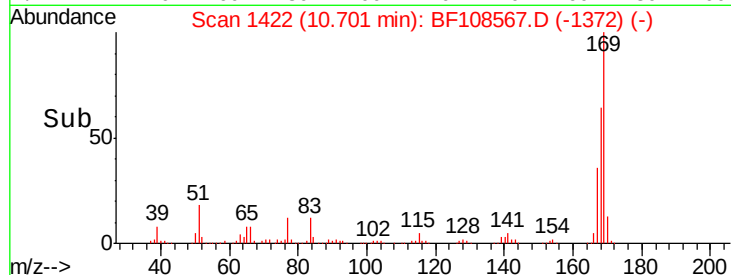
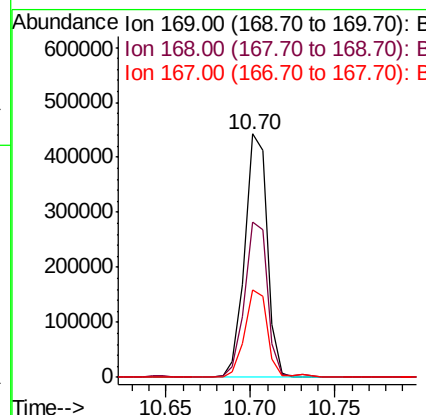
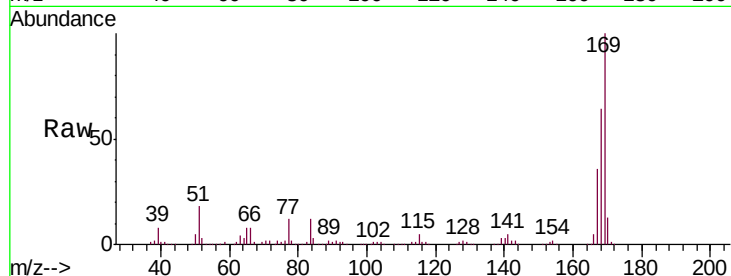




#65  
n-Nitrosodiphenylamine  
Concen: 47.738 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

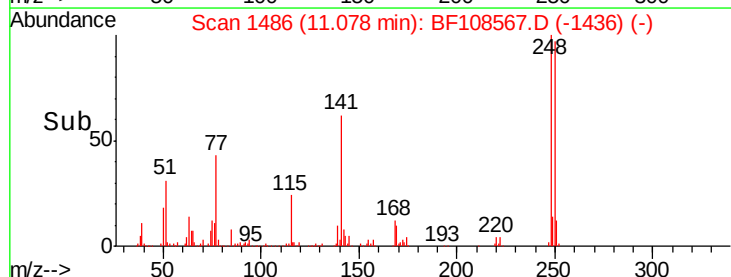
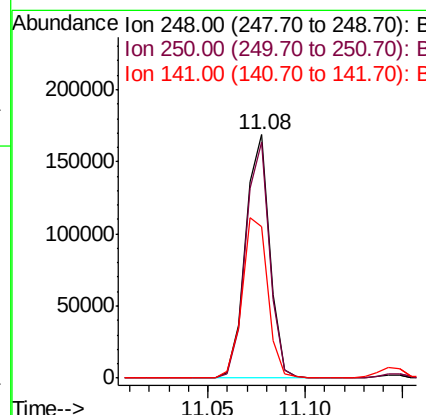
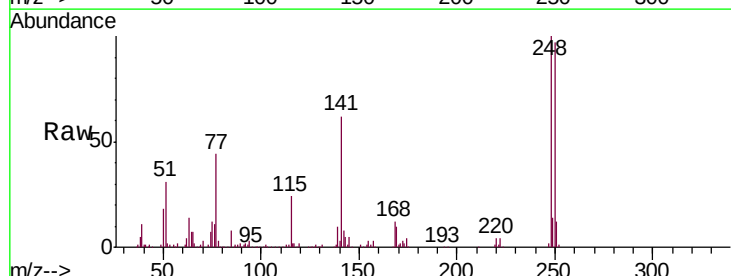
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

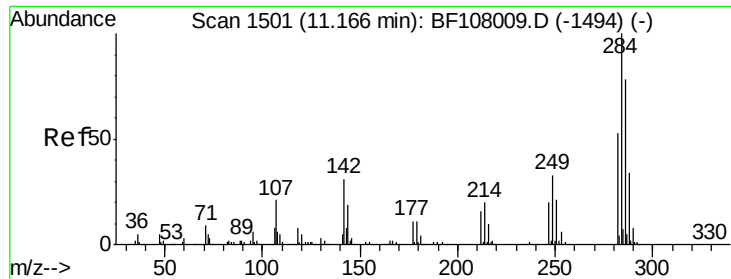
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 63.8  | 54.4  | 81.6  |
| 167     | 35.7  | 29.8  | 44.6  |



#66  
4-Bromophenyl-phenylether  
Concen: 45.738 ng  
RT: 11.08 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 76.9  | 115.3 |
| 141     | 62.0  | 74.4  | 111.6 |

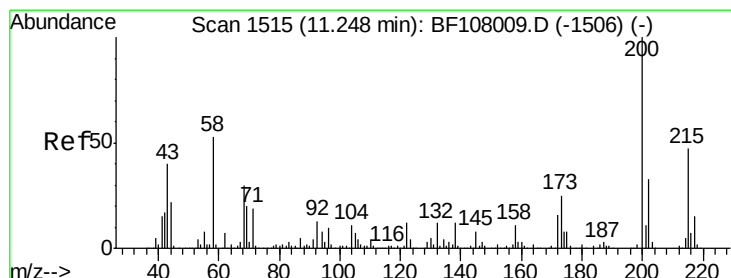
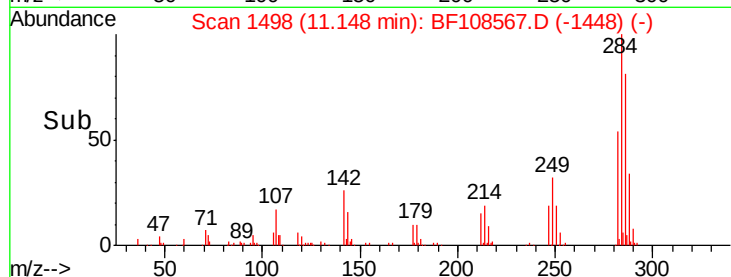
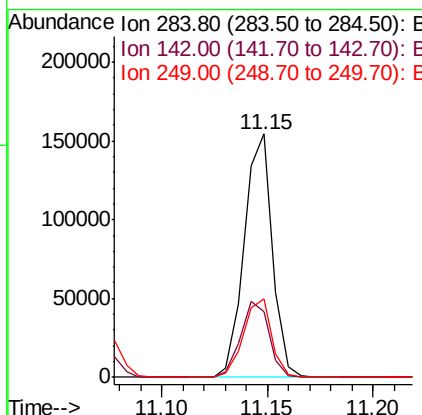
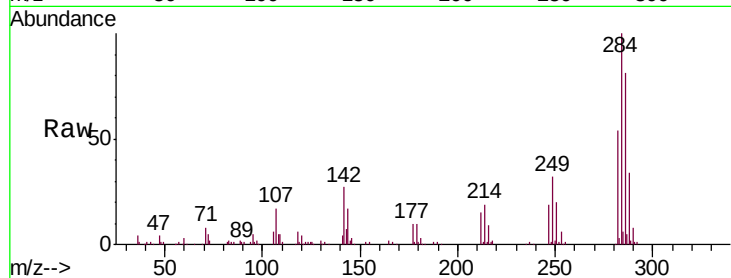




#67  
Hexachlorobenzene  
Concen: 42.678 ng  
RT: 11.15 min Scan# 1498  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

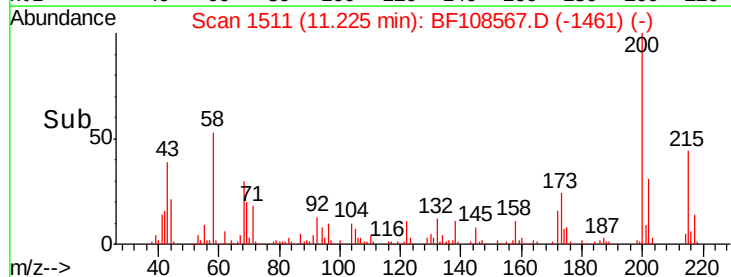
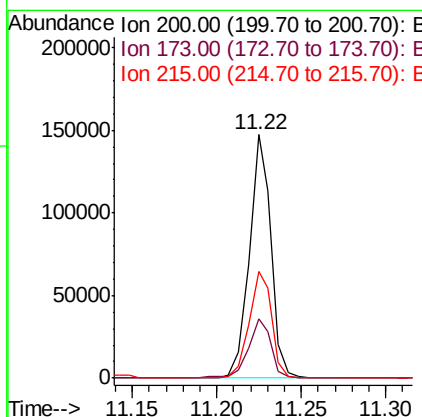
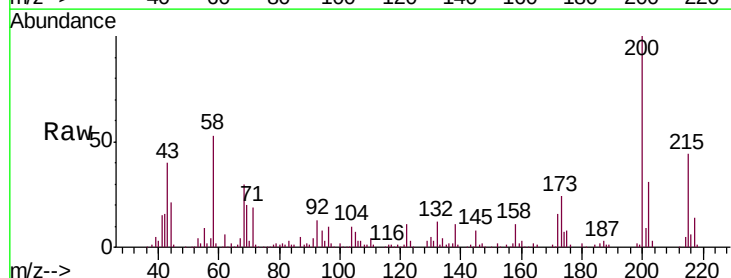
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

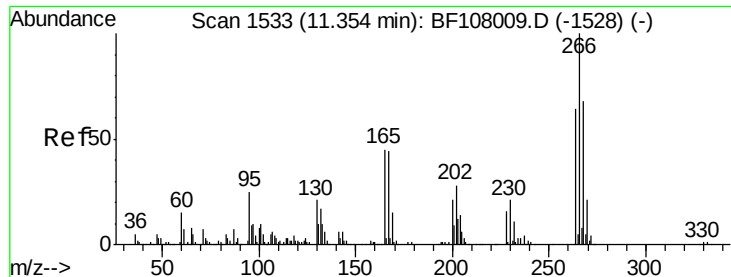
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.2  | 34.6  | 52.0# |
| 249     | 32.0  | 24.8  | 37.2  |



#68  
Atrazine  
Concen: 45.386 ng  
RT: 11.22 min Scan# 1511  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 8.6   | 48.6  |
| 215     | 43.8  | 25.1  | 65.1  |

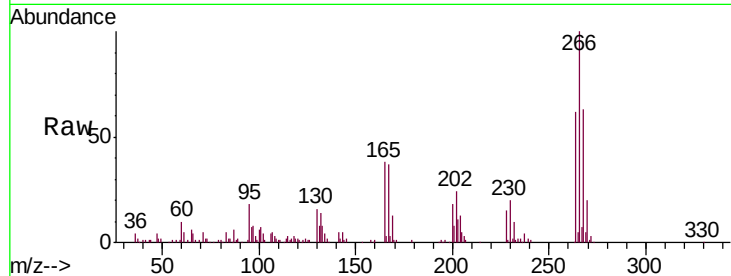




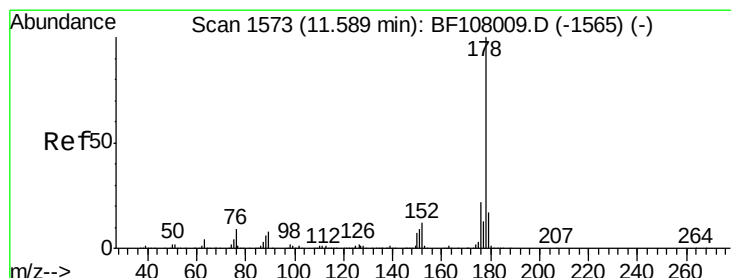
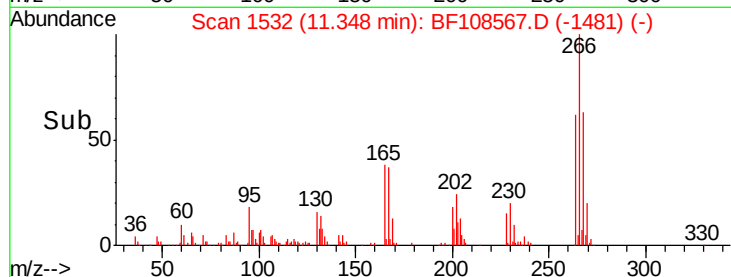
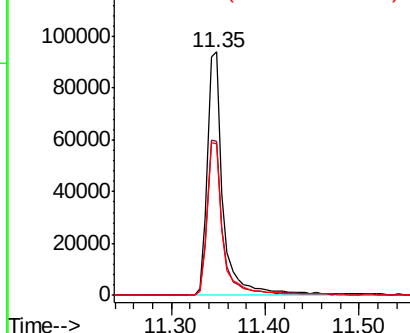
#69  
 Pentachlorophenol  
 Concen: 70.214 ng  
 RT: 11.35 min Scan# 1532  
 Delta R.T. 0.00 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

Tgt Ion:266 Resp: 112231  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 51.1 76.7  
 264 62.4 49.5 74.3

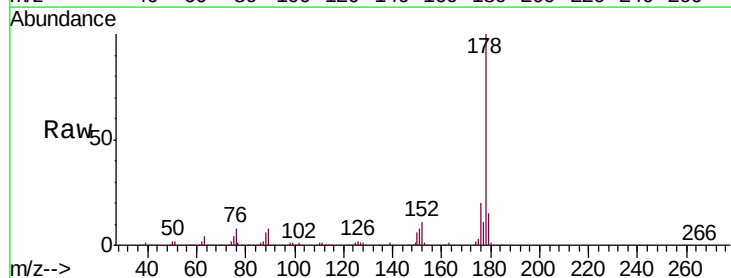


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

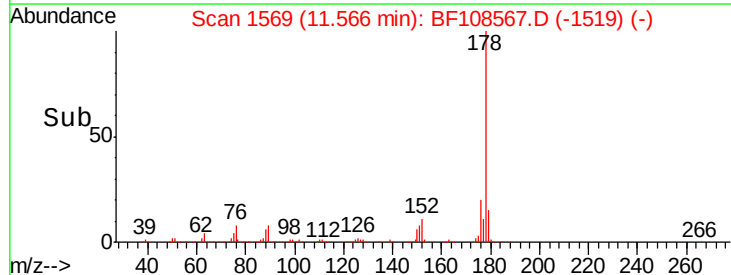
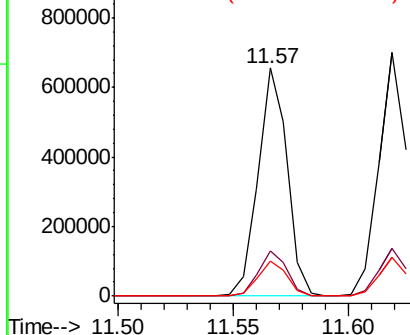


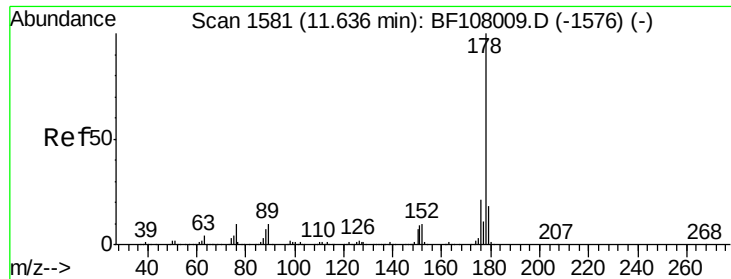
#70  
 Phenanthrene  
 Concen: 42.002 ng  
 RT: 11.57 min Scan# 1569  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Tgt Ion:178 Resp: 578602  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.8 23.8  
 179 15.5 13.0 19.6



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

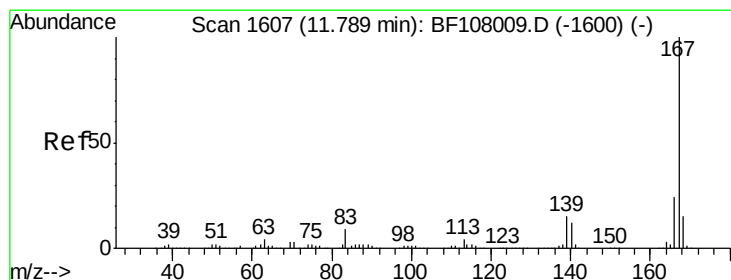
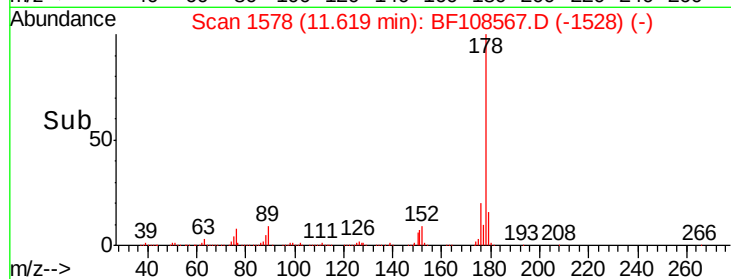
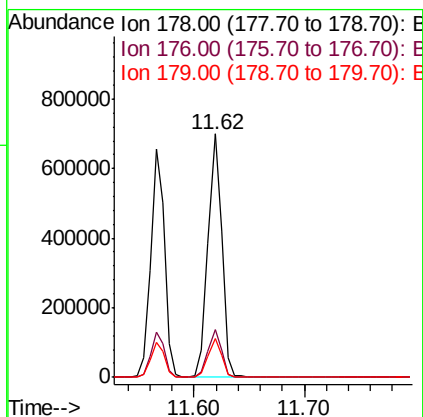
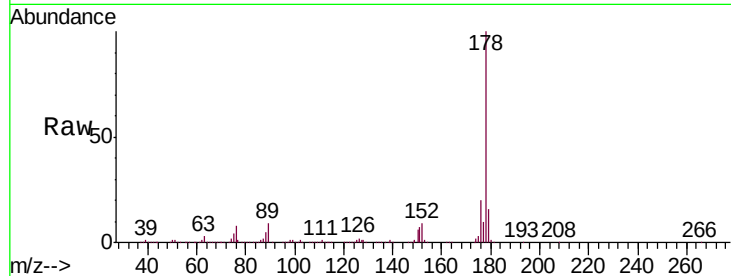




#71  
 Anthracene  
 Concen: 41.621 ng  
 RT: 11.62 min Scan# 1578  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

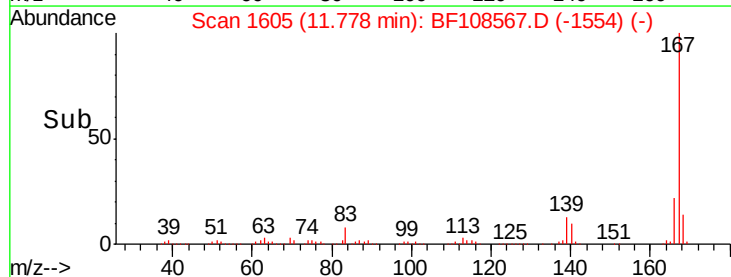
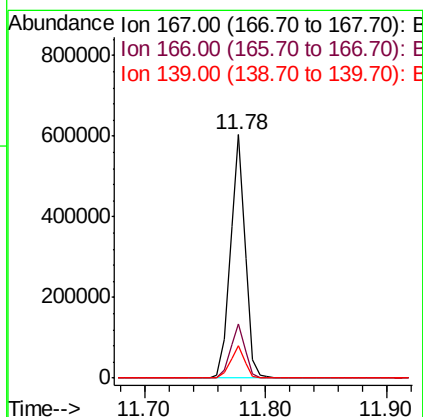
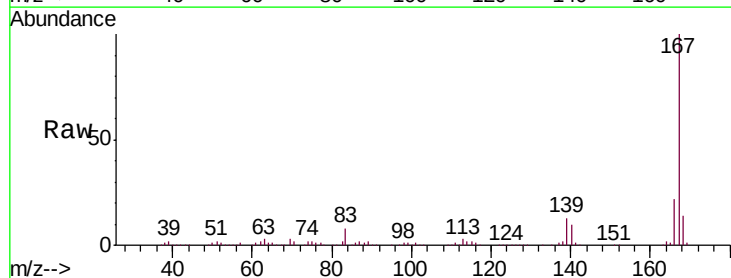
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

Tgt Ion:178 Resp: 587641  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.4 23.2  
 179 15.7 12.6 19.0

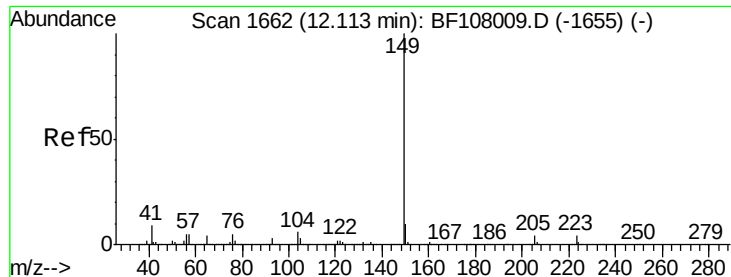


#72  
 Carbazole  
 Concen: 40.781 ng  
 RT: 11.78 min Scan# 1605  
 Delta R.T. 0.00 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Tgt Ion:167 Resp: 511569  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.6 26.4  
 139 13.2 10.9 16.3







#73

Di-n-butylphthalate

Concen: 45.804 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

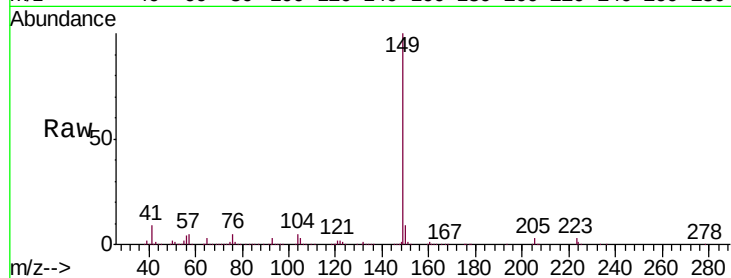
Tgt Ion:149 Resp: 650811

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

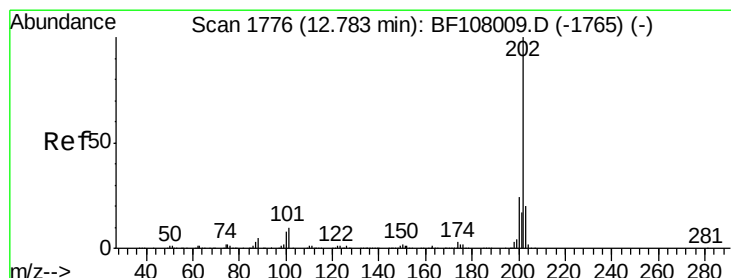
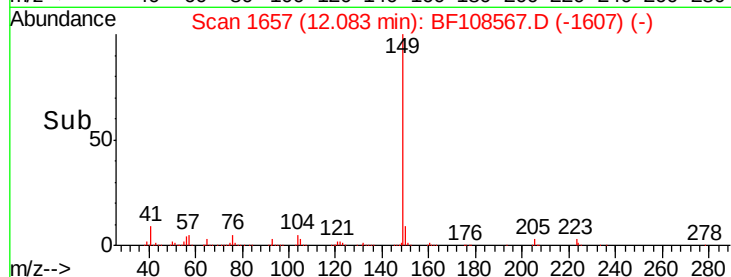
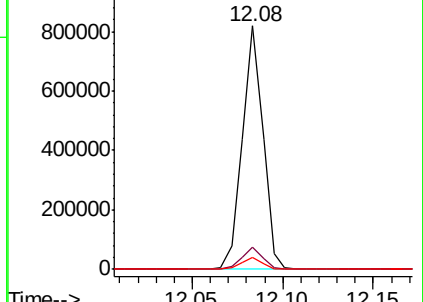
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.972 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

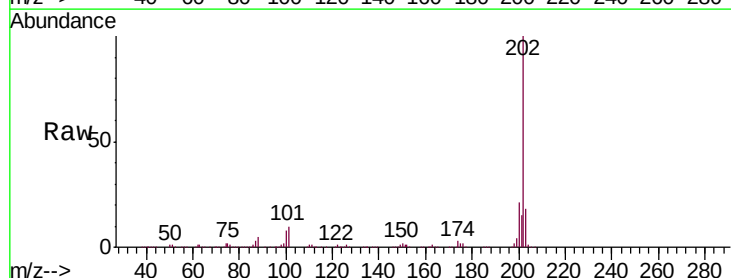
Tgt Ion:202 Resp: 585920

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

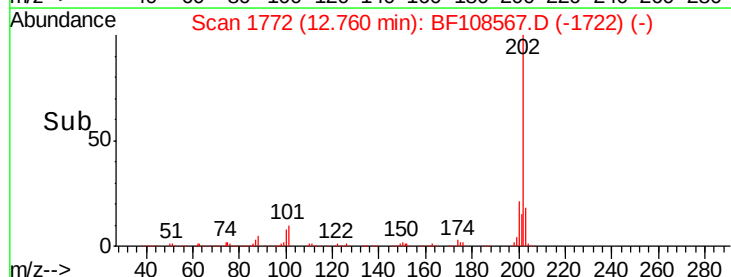
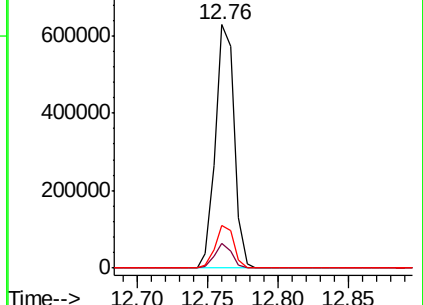
203 17.7 0.0 38.1

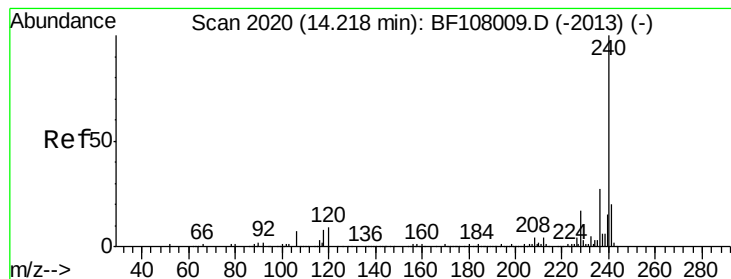


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

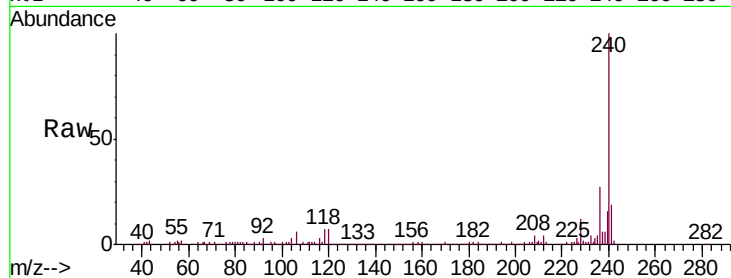
Tgt Ion:240 Resp: 238942

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

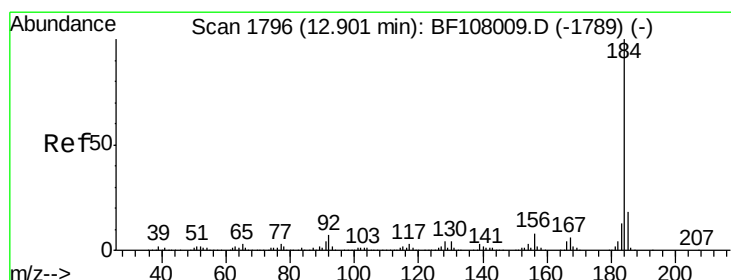
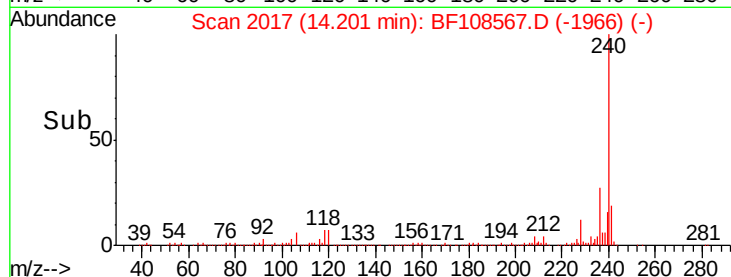
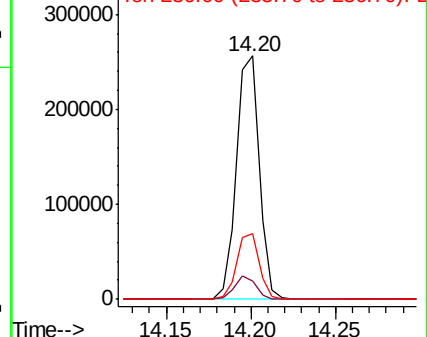
236 27.1 20.7 31.1



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: 21.033 ng

RT: 12.88 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

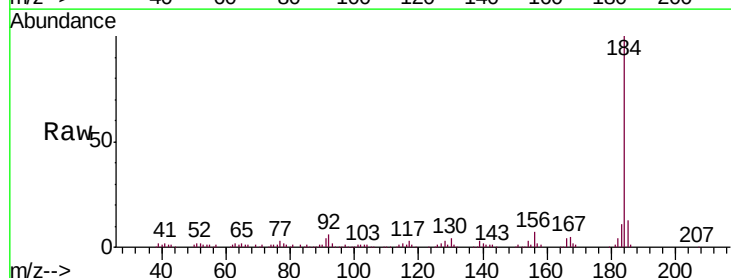
Tgt Ion:184 Resp: 187767

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

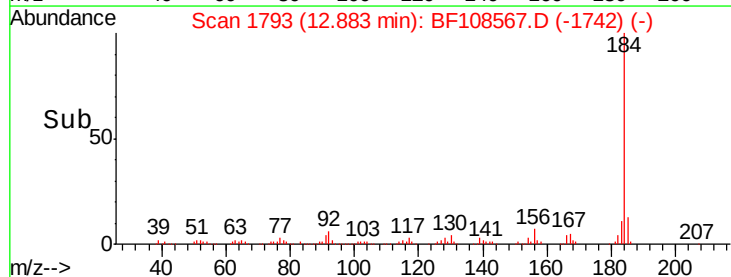
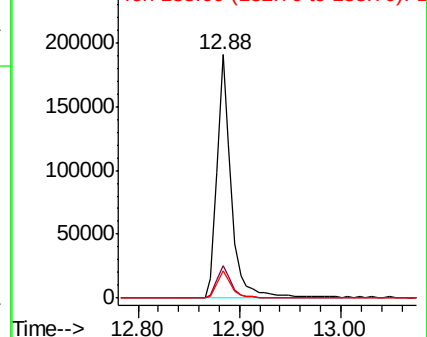
183 11.5 9.3 13.9

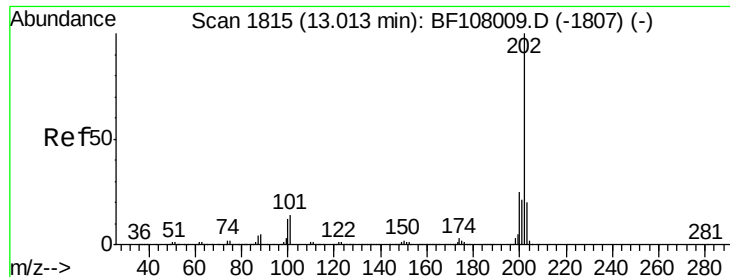


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

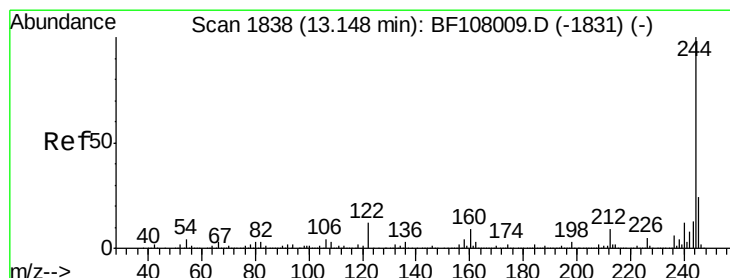
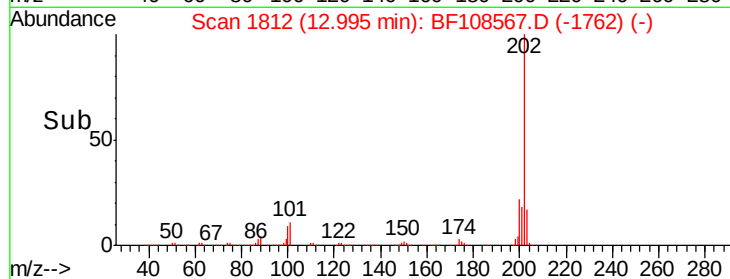
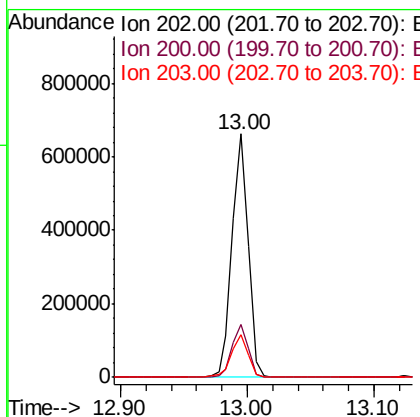
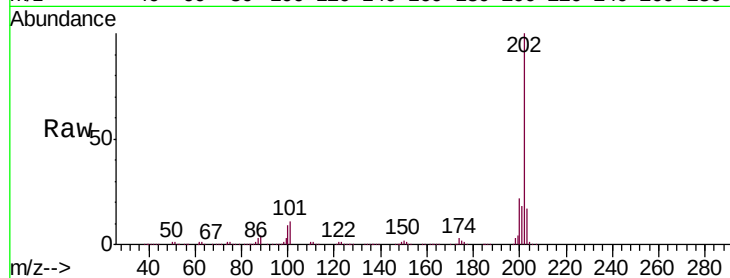




#77  
 Pyrene  
 Concen: 38.252 ng  
 RT: 13.00 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

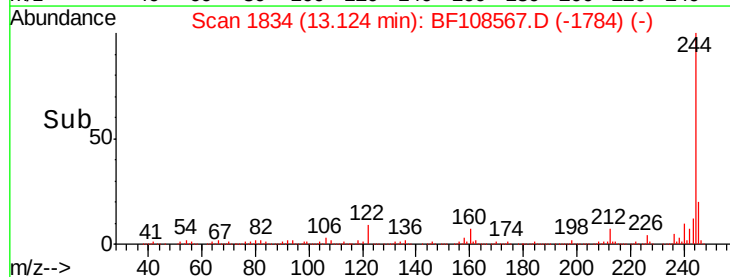
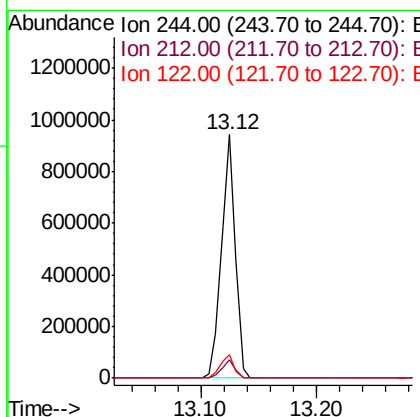
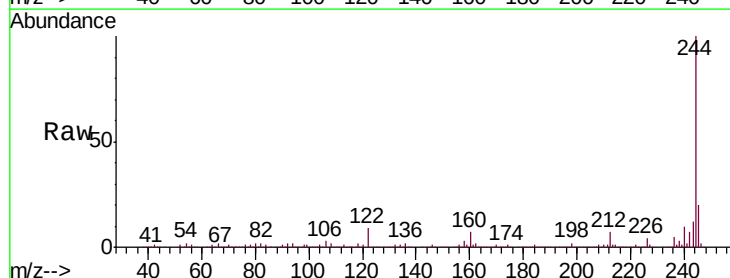
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

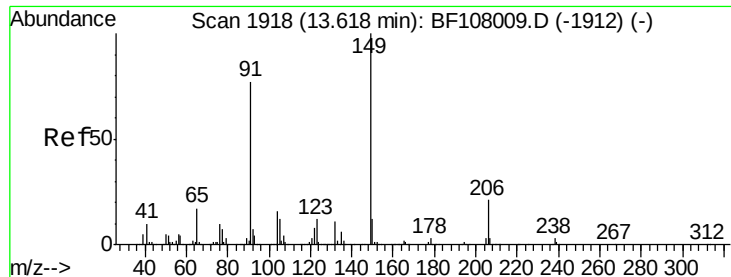
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.7  | 17.4  | 26.2  |
| 203     | 17.4  | 14.3  | 21.5  |



#78  
 Terphenyl-d14  
 Concen: 83.356 ng  
 RT: 13.12 min Scan# 1834  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.4   | 8.0   |
| 122     | 9.5   | 11.0  | 16.4  |

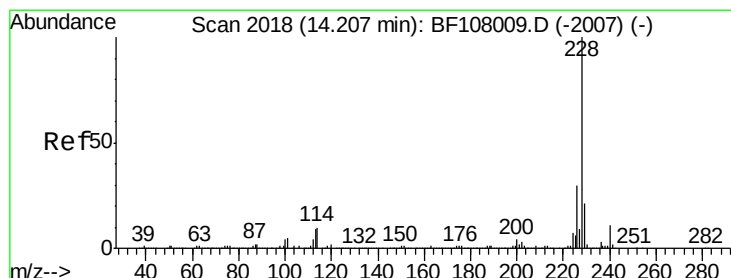
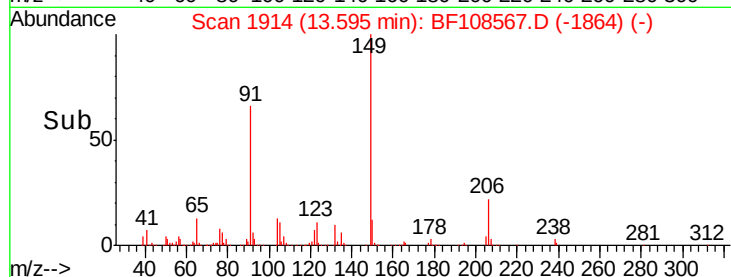
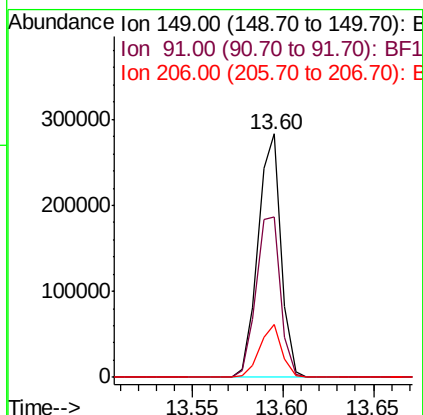
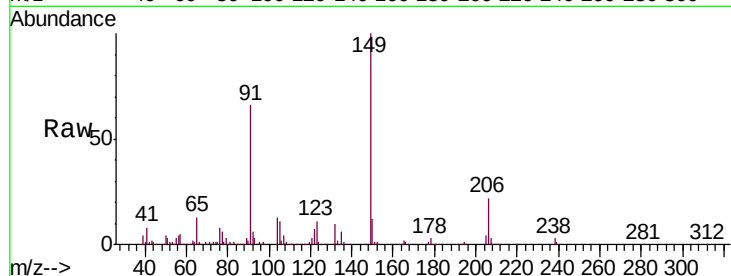




#79  
Butylbenzylphthalate  
Concen: 41.632 ng  
RT: 13.60 min Scan# 1914  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

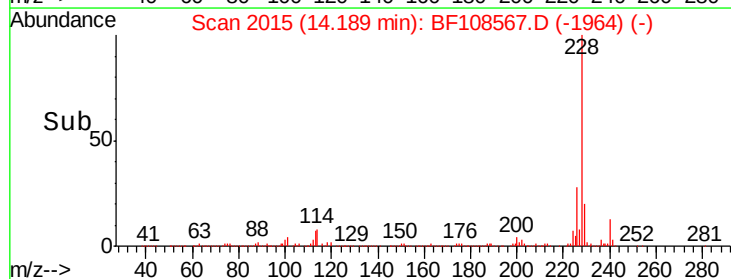
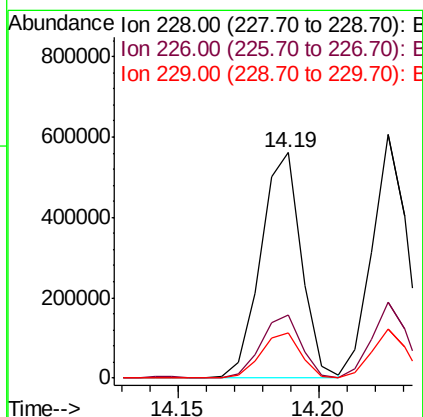
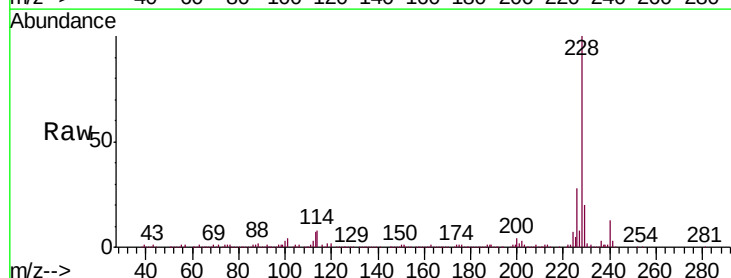
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

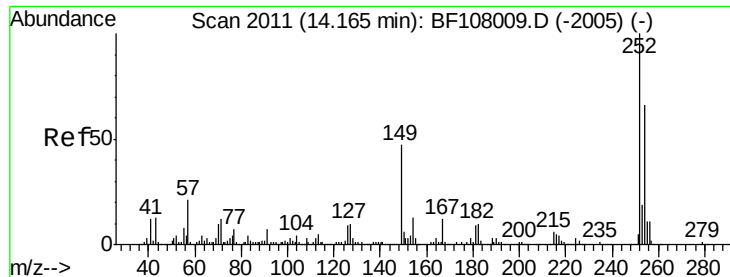
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.9  | 56.8  | 85.2  |
| 206     | 21.8  | 14.1  | 21.1# |



#80  
Benzo(a)anthracene  
Concen: 40.746 ng  
RT: 14.19 min Scan# 2015  
Delta R.T. 0.00 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.2  | 22.6  | 33.8  |
| 229     | 19.9  | 15.8  | 23.6  |

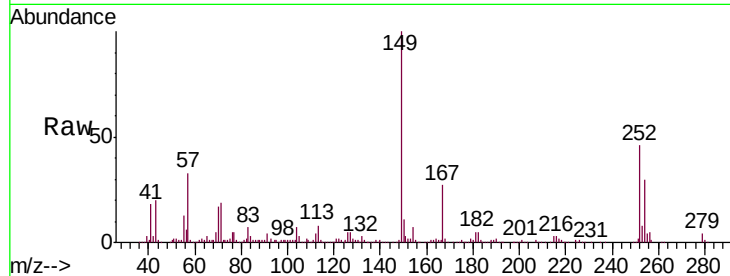




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.103 ng  
 RT: 14.14 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 50.4  | 75.6  |
| 126     | 10.2  | 11.3  | 16.9# |

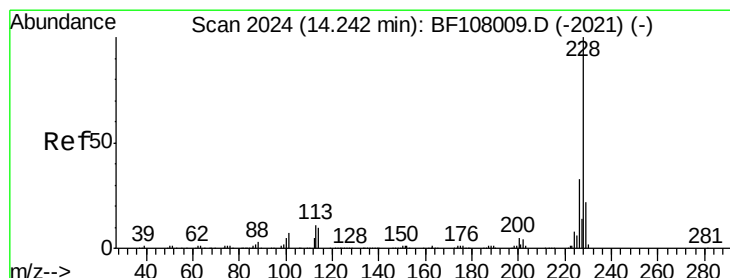
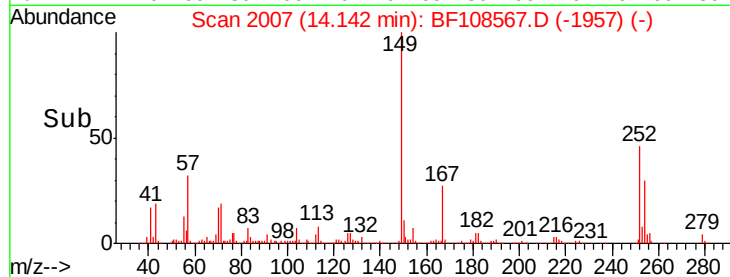
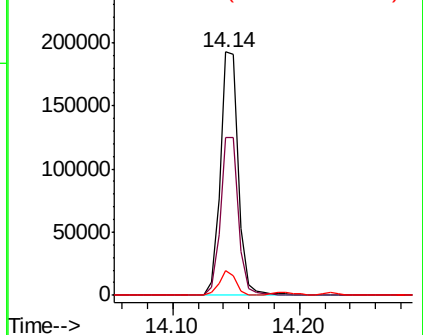


Abundance

Ion 252.00 (251.70 to 252.70): E

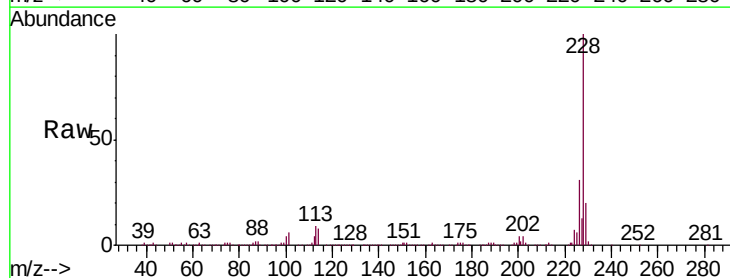
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 40.811 ng  
 RT: 14.22 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 25.0  | 37.6  |
| 229     | 20.0  | 16.2  | 24.4  |

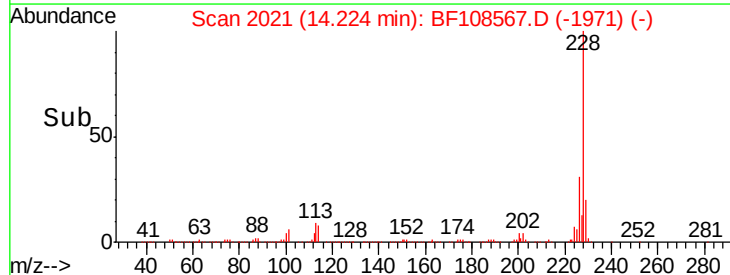
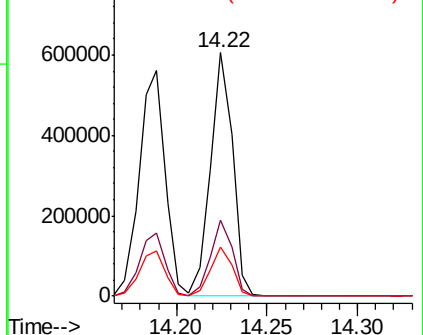


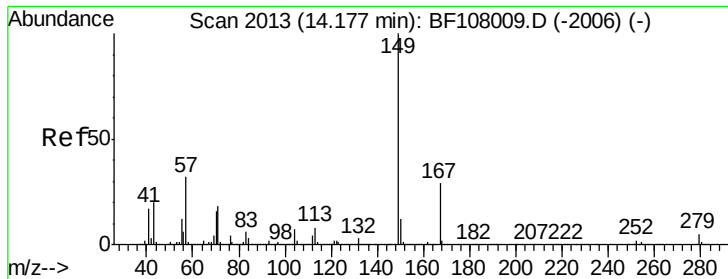
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.639 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

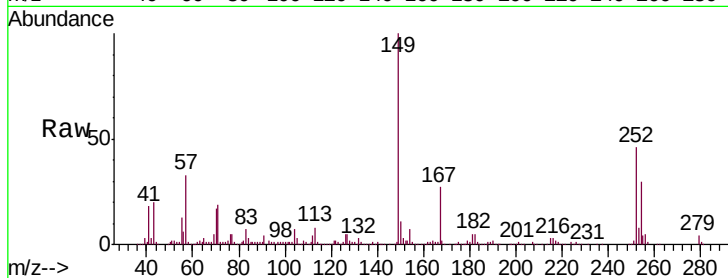
Tgt Ion:149 Resp: 338709

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

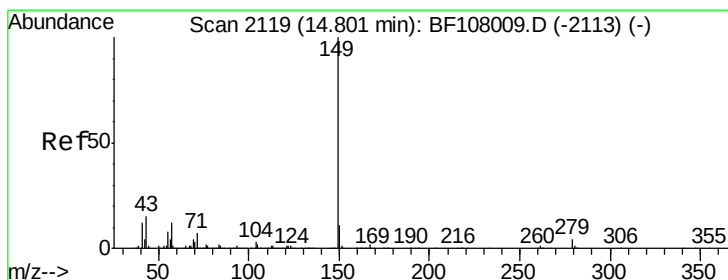
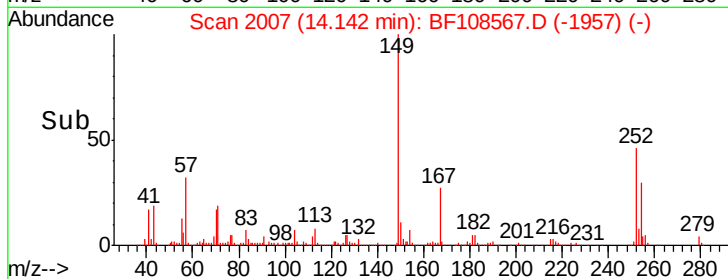
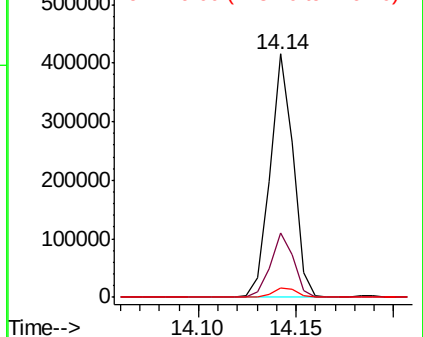
279 4.1 3.0 4.4



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: 48.644 ng

RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

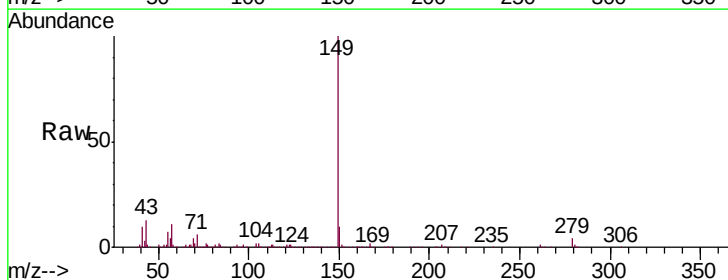
Tgt Ion:149 Resp: 603466

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

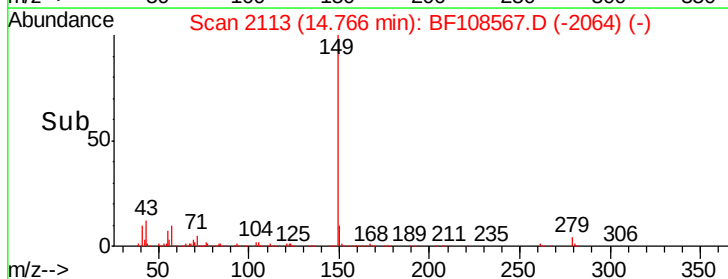
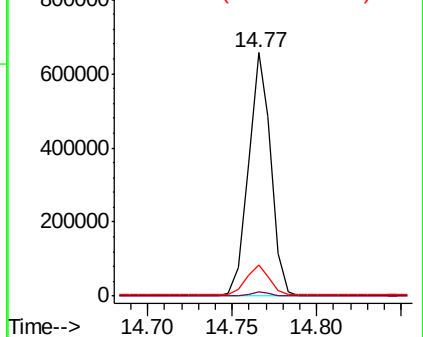
43 11.8 8.4 12.6

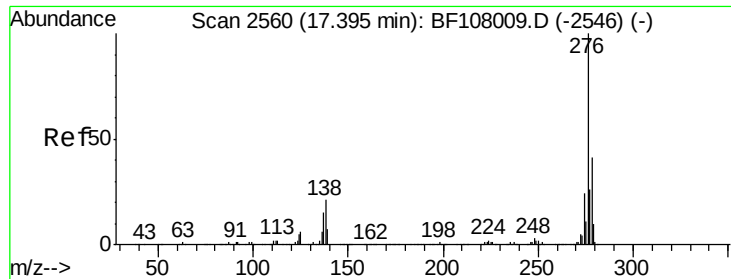


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

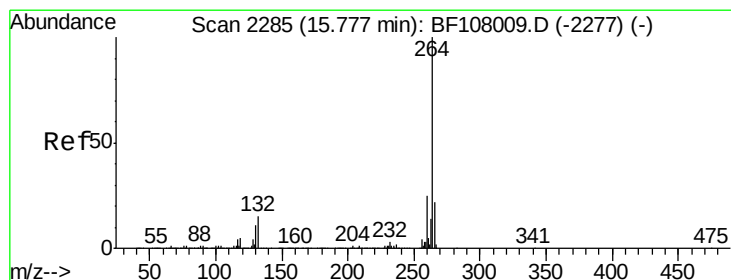
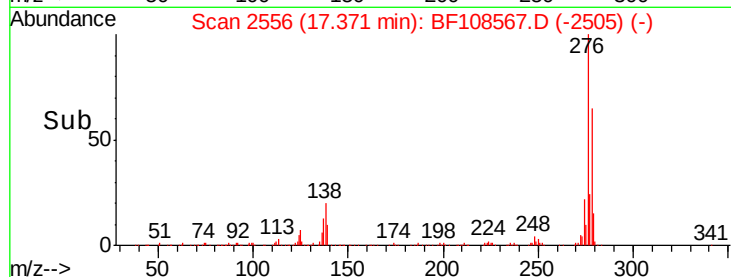
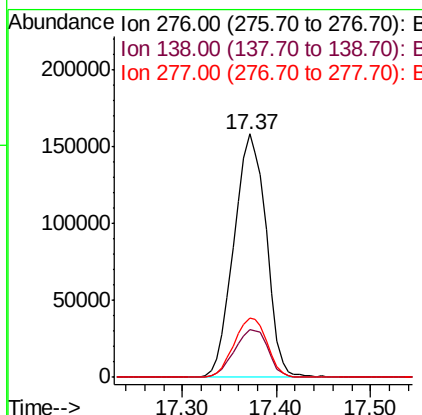
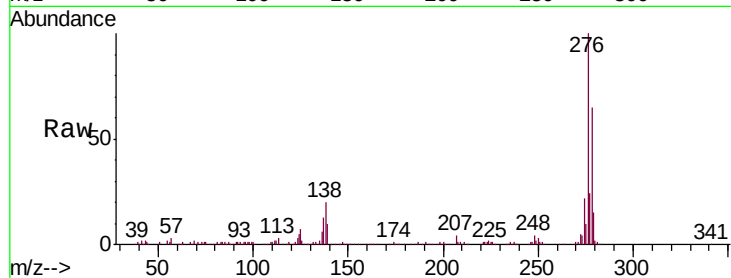




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.663 ng  
 RT: 17.37 min Scan# 2556  
 Delta R.T. 0.00 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

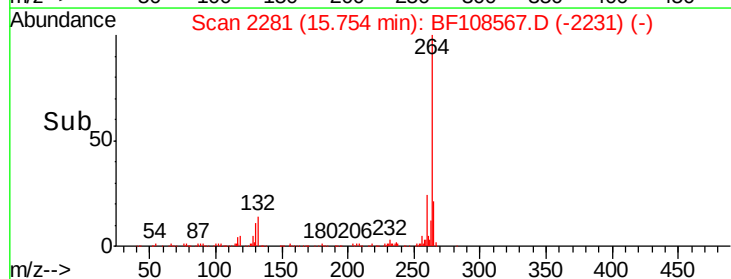
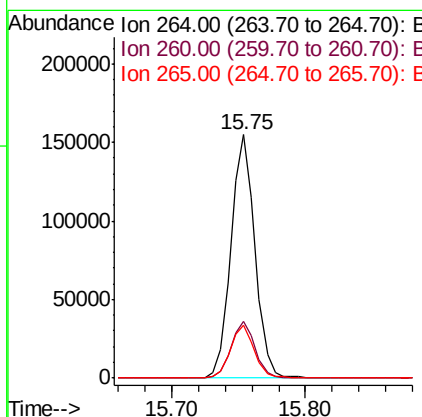
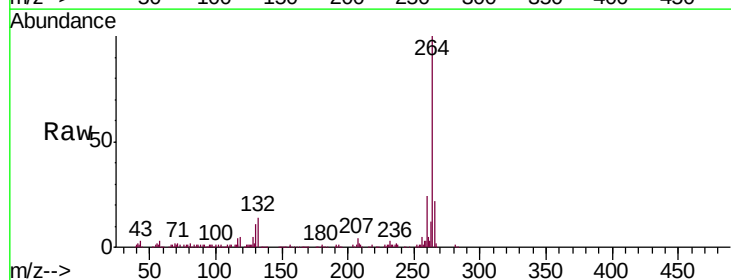
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RA-081618-FL-036MS

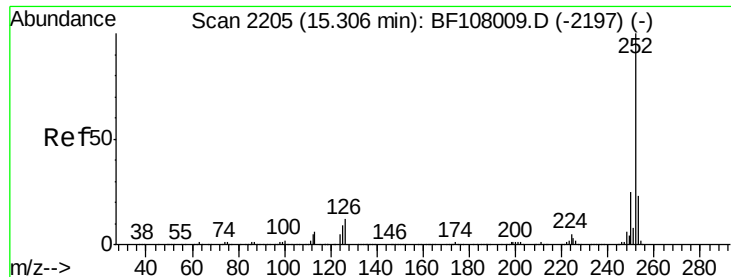
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.5  | 25.0  | 37.6# |
| 277     | 25.0  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.75 min Scan# 2281  
 Delta R.T. -0.01 min  
 Lab File: BF108567.D  
 Acq: 28 Aug 2018 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 21.6  | 17.5  | 26.3  |

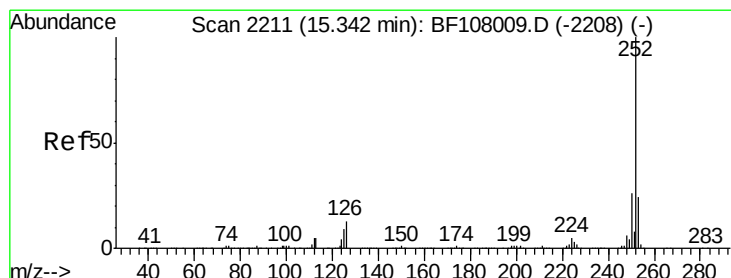
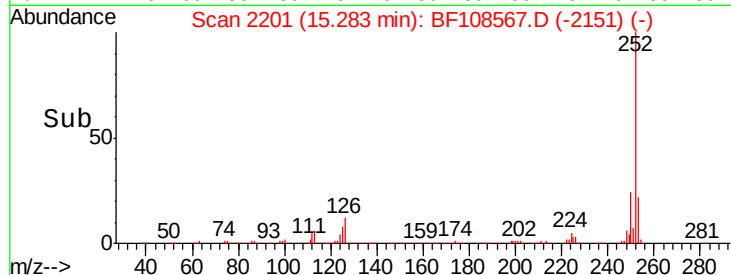
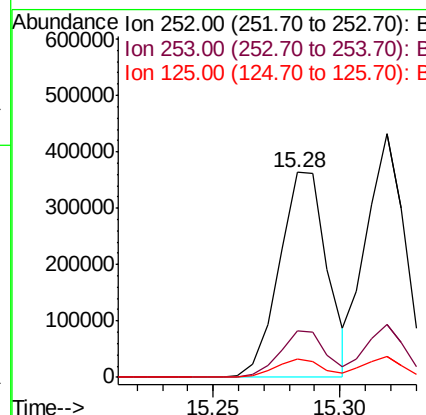
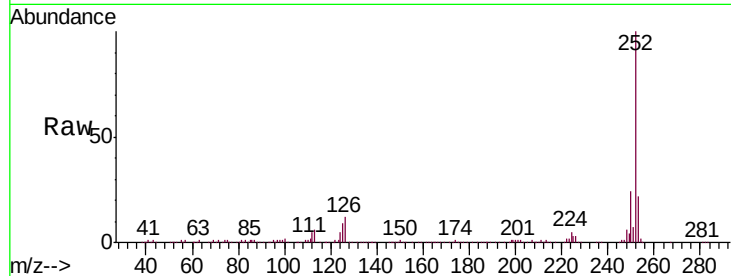




#87  
Benzo(b)fluoranthene  
Concen: 41.030 ng  
RT: 15.28 min Scan# 2201  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

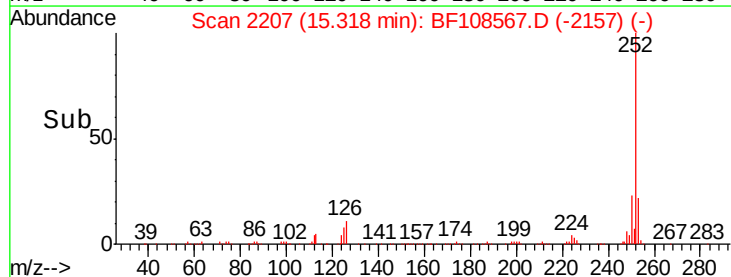
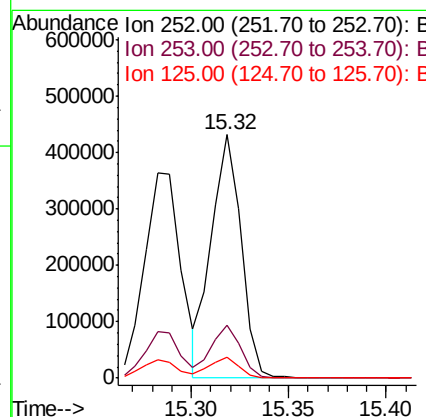
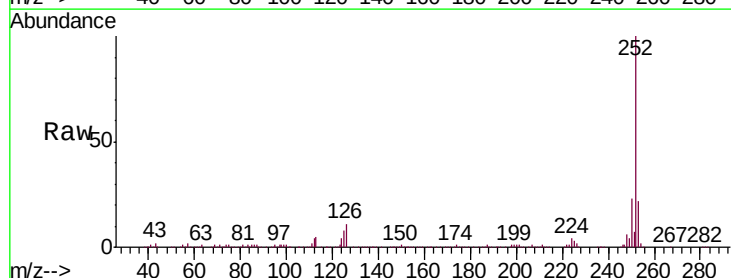
Instrument :  
BNA\_F  
ClientSampleId :  
RA-081618-FL-036MS

Tgt Ion:252 Resp: 477099  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.0 25.6  
125 8.7 9.0 13.6#

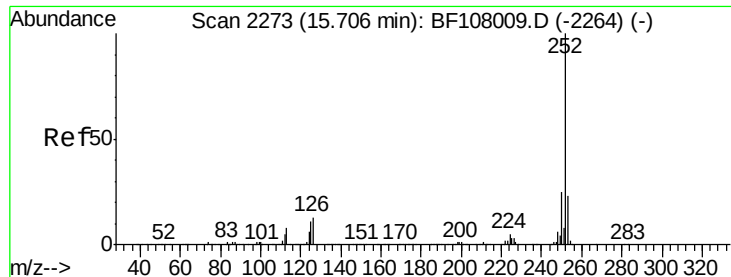


#88  
Benzo(k)fluoranthene  
Concen: 42.788 ng  
RT: 15.32 min Scan# 2207  
Delta R.T. -0.01 min  
Lab File: BF108567.D  
Acq: 28 Aug 2018 20:34

Tgt Ion:252 Resp: 457362  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.9 26.9  
125 8.4 10.2 15.2#







#89

Benzo(a)pyrene

Concen: 40.105 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS

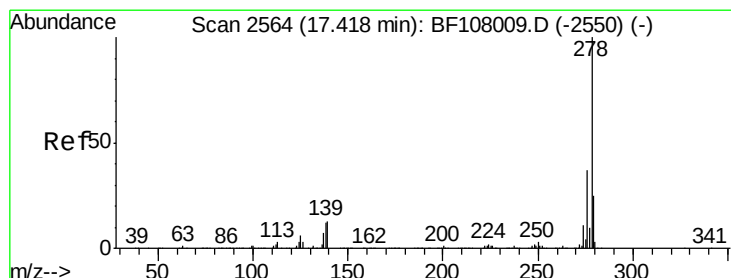
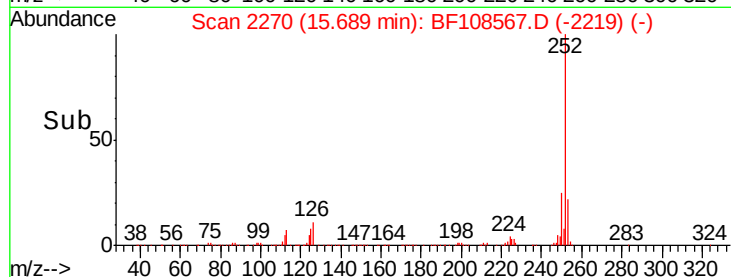
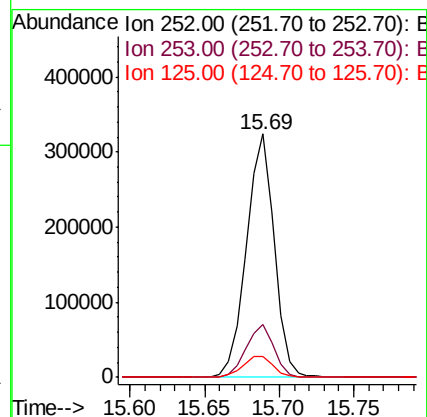
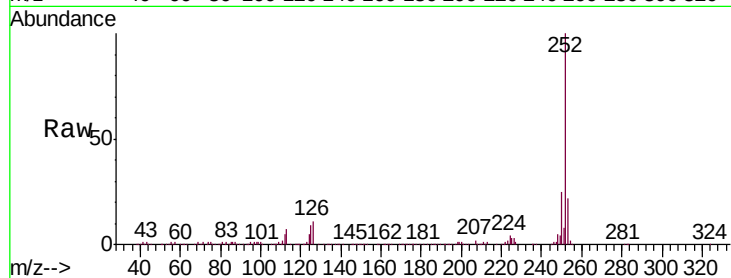
Tgt Ion:252 Resp: 417592

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 8.7 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 37.595 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

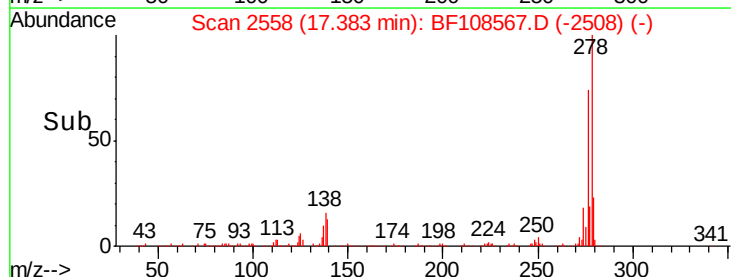
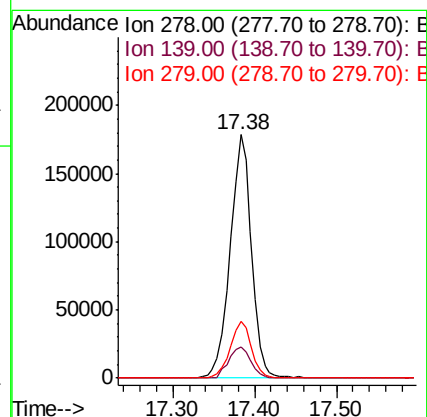
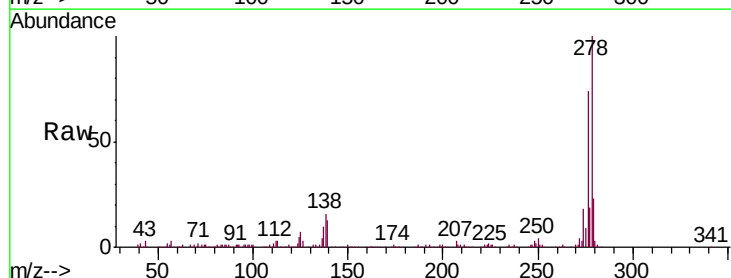
Tgt Ion:278 Resp: 323896

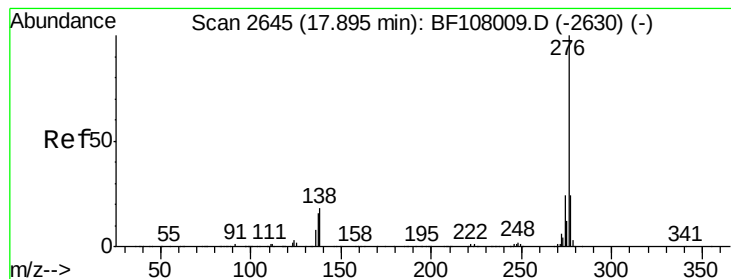
Ion Ratio Lower Upper

278 100

139 12.8 15.9 23.9#

279 23.2 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 34.910 ng

RT: 17.87 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BF108567.D

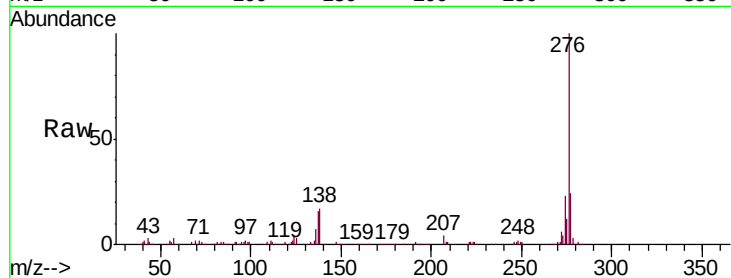
Acq: 28 Aug 2018 20:34

Instrument :

BNA\_F

ClientSampleId :

RA-081618-FL-036MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 296154 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.7  | 17.9  | 26.9   |
| 138      | 17.3  | 21.8  | 32.8#  |

