

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\  
 Data File : BF113459.D  
 Acq On : 1 Apr 2019 11:40  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Apr 01 13:21:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.71  | 152  | 155244   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 640091   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.75  | 164  | 331961   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 689953   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.85 | 240  | 496323   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.26 | 264  | 416384   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 756836  | 79.71 | ng | 0.00 |
| 7) Phenol-d6             | 6.36  | 99  | 949898  | 79.09 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.28  | 82  | 896487  | 83.13 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 346535  | 84.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.07  | 172 | 1669543 | 77.21 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.80 | 244 | 1968885 | 87.44 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.35 | 88  | 170994  | 35.497 | ng | 98     |
| 3) Pyridine                    | 3.06 | 79  | 480384  | 40.452 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.00 | 42  | 194387  | 36.821 | ng | 92     |
| 6) Aniline                     | 6.37 | 93  | 596078  | 40.753 | ng | 97     |
| 8) 2-Chlorophenol              | 6.50 | 128 | 447157  | 40.557 | ng | 95     |
| 9) Benzaldehyde                | 6.26 | 77  | 303645  | 37.674 | ng | 99     |
| 10) Phenol                     | 6.37 | 94  | 536915  | 39.156 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93  | 429187  | 40.833 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 473440  | 39.836 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.73 | 146 | 479922  | 41.823 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146 | 441835  | 39.138 | ng | 97     |
| 15) Benzyl Alcohol             | 6.86 | 79  | 337913  | 42.646 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 674855  | 42.739 | ng | 90     |
| 17) 2-Methylphenol             | 6.98 | 107 | 351267  | 40.654 | ng | 98     |
| 18) Hexachloroethane           | 7.22 | 117 | 172093  | 41.755 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 304525  | 40.364 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.13 | 107 | 434811  | 43.574 | ng | 91     |
| 22) Acetophenone               | 7.13 | 105 | 590289  | 40.438 | ng | # 98   |
| 24) Nitrobenzene               | 7.30 | 77  | 469518  | 41.722 | ng | 97     |
| 25) Isophorone                 | 7.54 | 82  | 881205  | 42.164 | ng | 99     |
| 26) 2-Nitrophenol              | 7.62 | 139 | 253077  | 42.546 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.66 | 122 | 361472  | 42.244 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93  | 568019  | 43.159 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.86 | 162 | 397066  | 42.821 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.94 | 180 | 413338  | 41.316 | ng | 97     |
| 31) Naphthalene                | 8.02 | 128 | 1273049 | 40.699 | ng | 100    |
| 32) Benzoic acid               | 7.81 | 122 | 211528  | 30.711 | ng | 99     |
| 33) 4-Chloroaniline            | 8.07 | 127 | 551064  | 45.179 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 249473  | 41.956 | ng | 98     |
| 35) Caprolactam                | 8.46 | 113 | 139084  | 46.735 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107 | 416016  | 44.606 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 864199  | 44.278 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 832579  | 44.350 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 424700  | 39.856 | ng | 100    |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Apr 01 13:21:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

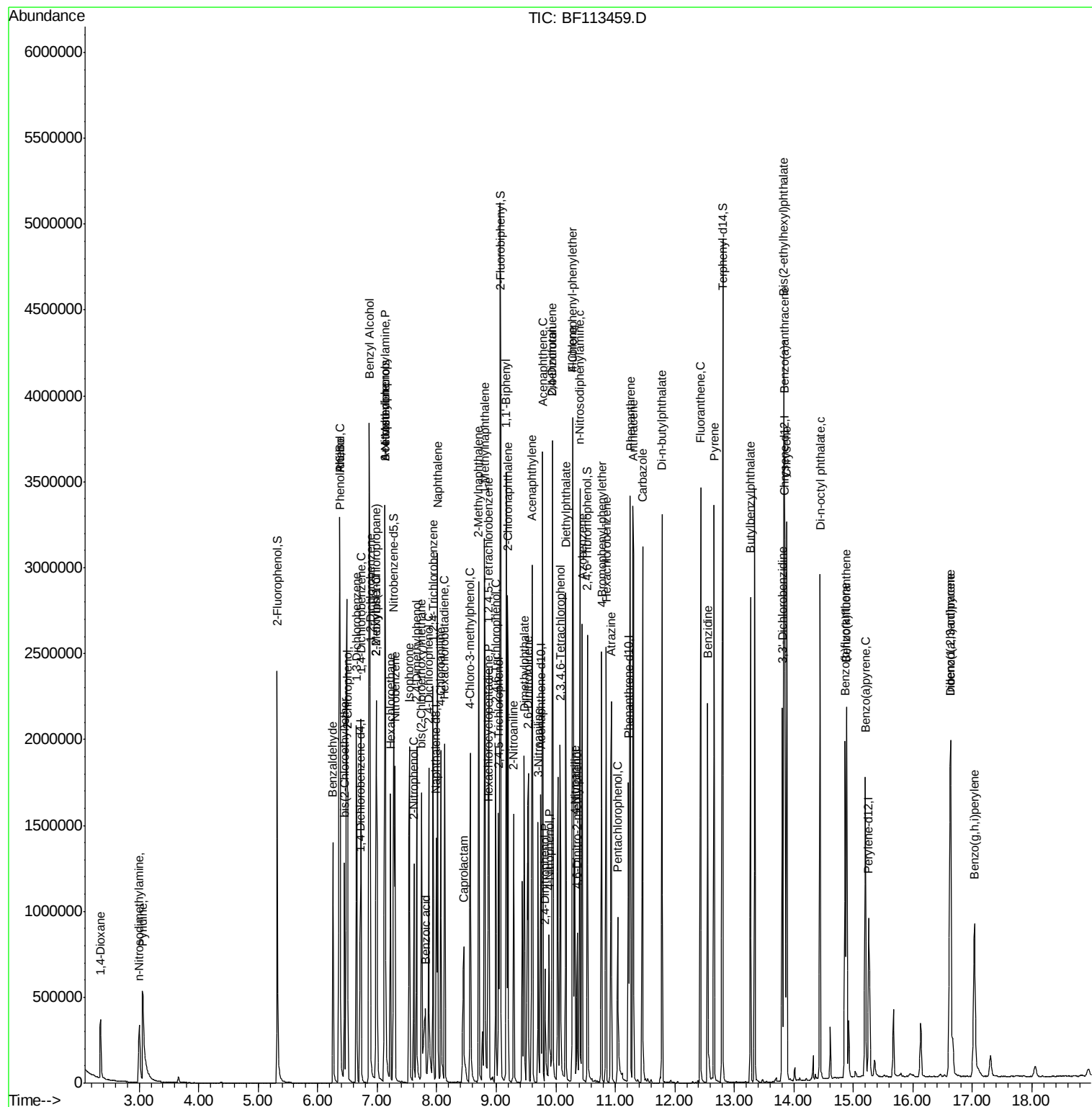
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.86  | 237  | 156222   | 34.636 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 275824   | 39.749 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.04  | 196  | 301938   | 39.318 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.17  | 154  | 1092705  | 39.412 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 829635   | 38.864 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 276010   | 41.201 | ng    | 97       |
| 49) Acenaphthylene             | 9.61  | 152  | 1376166  | 39.870 | ng    | 99       |
| 50) Dimethylphthalate          | 9.47  | 163  | 1042913  | 42.393 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.54  | 165  | 231711   | 41.750 | ng    | 92       |
| 52) Acenaphthene               | 9.78  | 154  | 782130   | 40.237 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.70  | 138  | 273495   | 43.698 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 118138   | 42.799 | ng    | 91       |
| 55) Dibenzofuran               | 9.95  | 168  | 1164444  | 39.849 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.89  | 139  | 191121   | 42.832 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 282312   | 40.000 | ng    | # 90     |
| 58) Fluorene                   | 10.29 | 166  | 925075   | 40.751 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 279543   | 43.046 | ng    | 99       |
| 60) Diethylphthalate           | 10.17 | 149  | 1021295  | 42.319 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.28 | 204  | 467163   | 42.224 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 282519   | 43.843 | ng    | 98       |
| 63) Azobenzene                 | 10.45 | 77   | 956563   | 42.107 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 127184   | 33.697 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 857003   | 40.479 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 314962   | 41.884 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.84 | 284  | 367320   | 42.082 | ng    | 97       |
| 69) Atrazine                   | 10.93 | 200  | 281186   | 42.078 | ng    | 98       |
| 70) Pentachlorophenol          | 11.04 | 266  | 180734   | 39.742 | ng    | 97       |
| 71) Phenanthrene               | 11.25 | 178  | 1384103  | 40.396 | ng    | 100      |
| 72) Anthracene                 | 11.30 | 178  | 1436982  | 41.290 | ng    | 100      |
| 73) Carbazole                  | 11.46 | 167  | 1380830  | 41.580 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 1671046  | 43.392 | ng    | 99       |
| 75) Fluoranthene               | 12.43 | 202  | 1516032  | 39.140 | ng    | 99       |
| 77) Benzidine                  | 12.55 | 184  | 965991   | 50.824 | ng    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 1518960  | 44.164 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.27 | 149  | 686891   | 45.317 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.84 | 228  | 1152846  | 40.578 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 489683   | 42.965 | ng    | 100      |
| 83) Chrysene                   | 13.88 | 228  | 1169387  | 40.523 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 883937   | 47.570 | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 14.44 | 149  | 1409535  | 44.689 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1026639  | 41.454 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.86 | 252  | 1040471  | 40.226 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.89 | 252  | 939675   | 41.368 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.20 | 252  | 919764   | 40.110 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.63 | 278  | 855650   | 43.155 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.03 | 276  | 840084   | 42.022 | ng    | 97       |

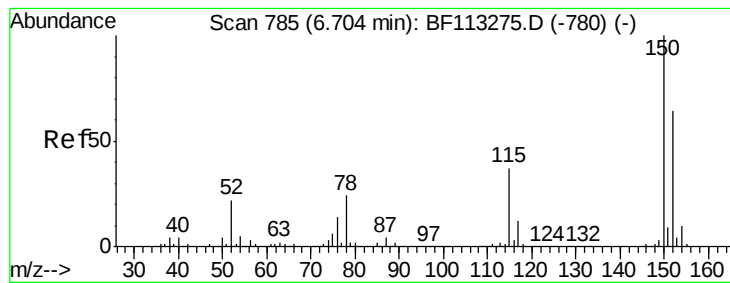
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :

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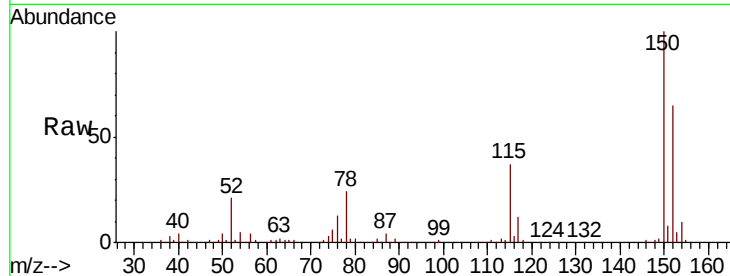


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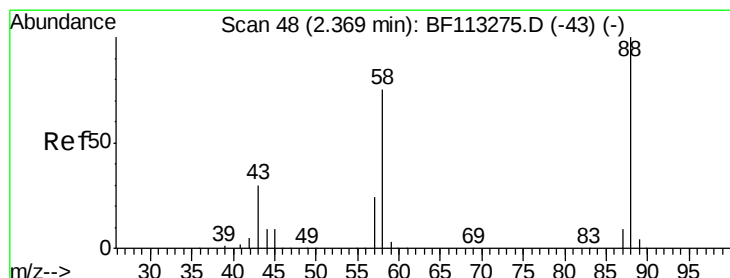
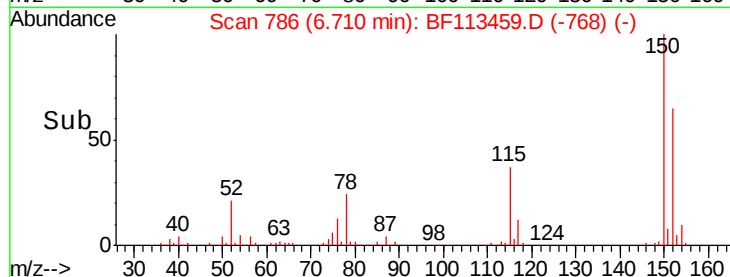
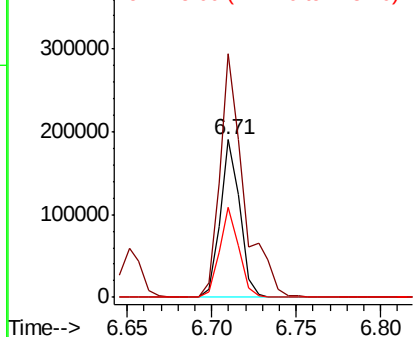
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 155244  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.7 187.1  
115 57.2 46.0 69.0



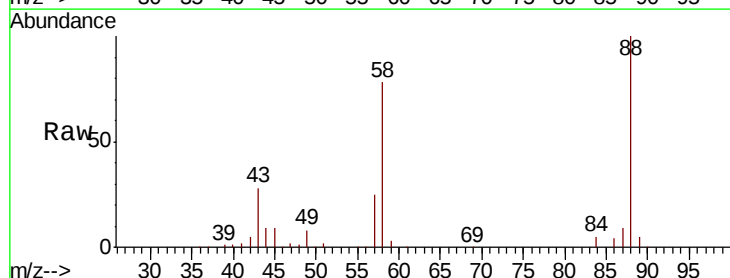
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



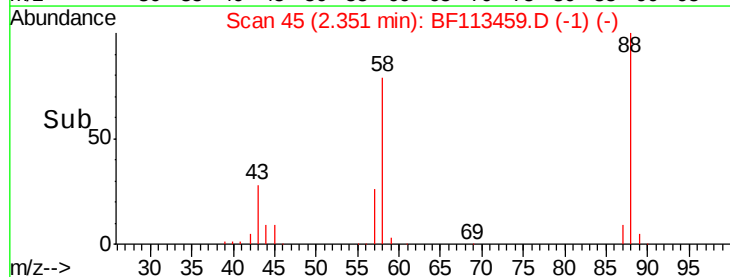
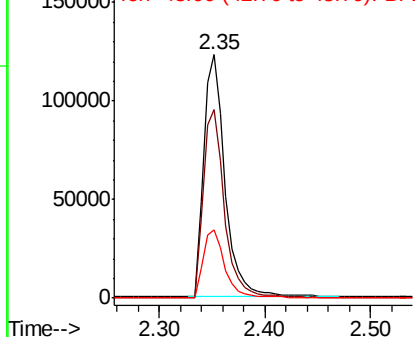
#2

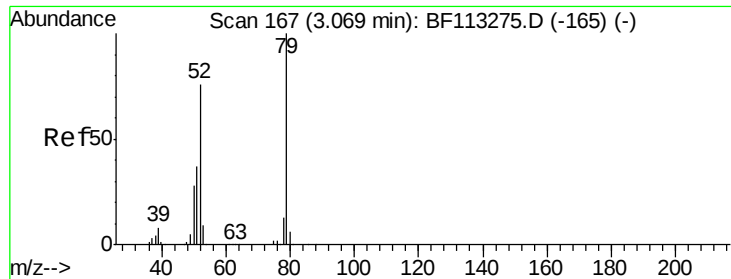
1,4-Dioxane  
Concen: 35.497 ng  
RT: 2.35 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion: 88 Resp: 170994  
Ion Ratio Lower Upper  
88 100  
58 78.4 61.9 92.9  
43 29.0 24.2 36.4



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

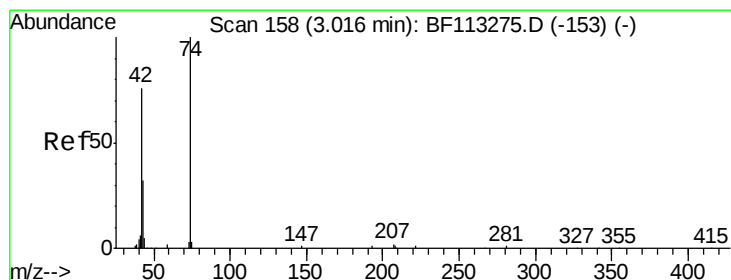
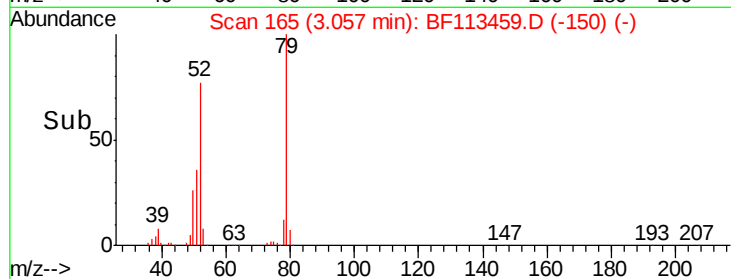
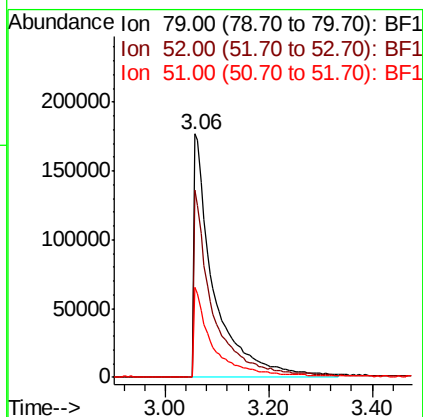
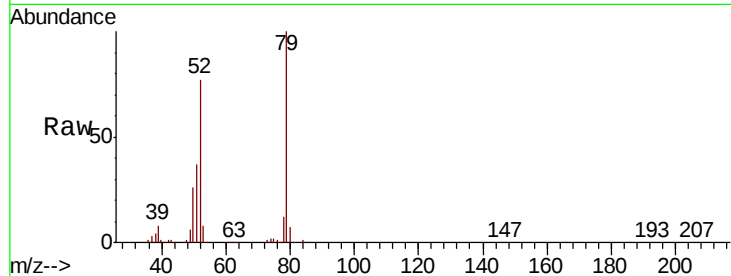




#3  
 Pvridine  
 Concen: 40.452 ng  
 RT: 3.06 min Scan# 165  
 Delta R.T. -0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

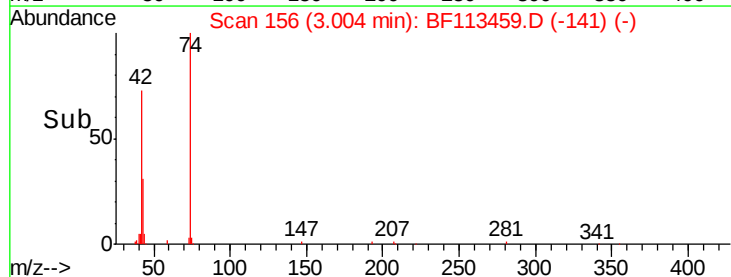
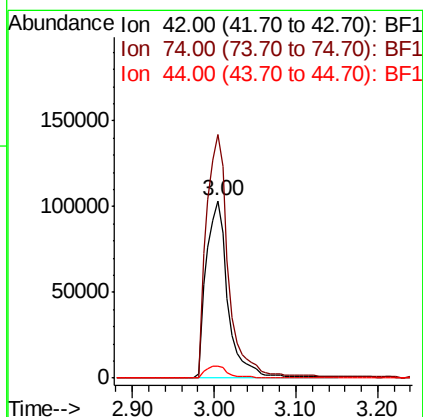
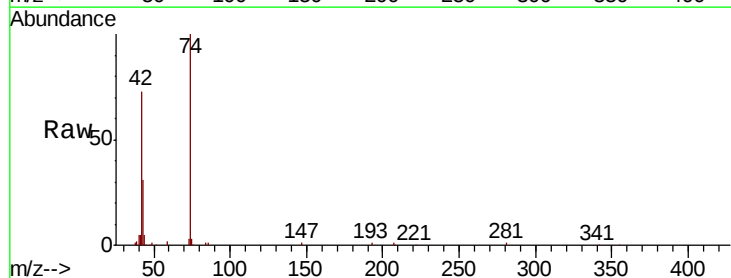
Instrument :  
 BNA\_N  
 ClientSampleId :

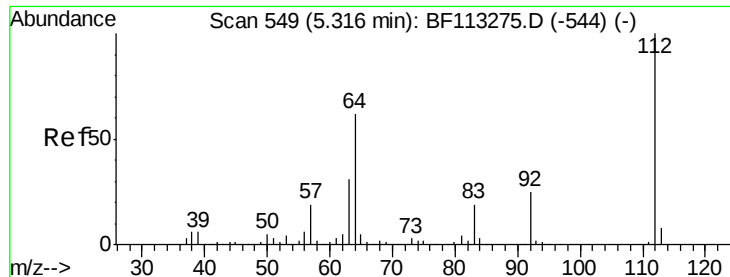
Tot Ion: 79 Resp: 480384  
 Ion Ratio Lower Upper  
 79 100  
 52 76.8 61.0 91.4  
 51 36.8 30.6 45.8



#4  
 n-Nitrosodimethylamine  
 Concen: 36.821 ng  
 RT: 3.00 min Scan# 156  
 Delta R.T. -0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion: 42 Resp: 194387  
 Ion Ratio Lower Upper  
 42 100  
 74 137.1 102.4 153.6  
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 79.714 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampled :

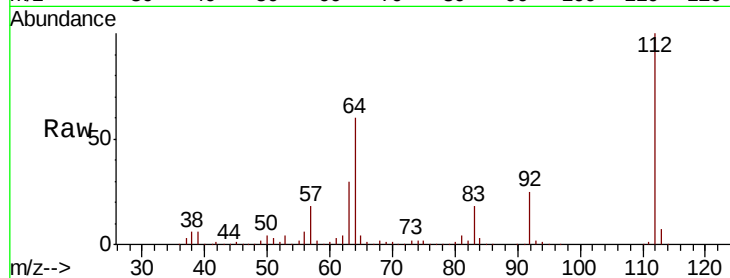
Tot Ion:112 Resp: 756836

Ion Ratio Lower Upper

112 100

64 59.6 49.2 73.8

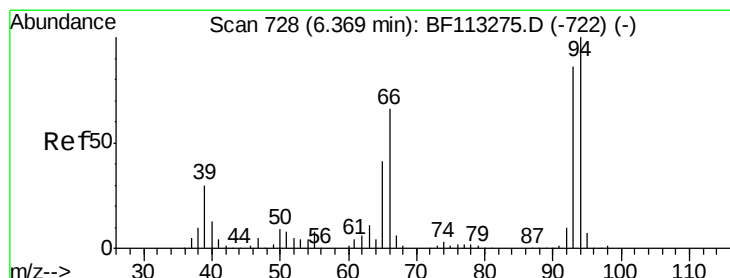
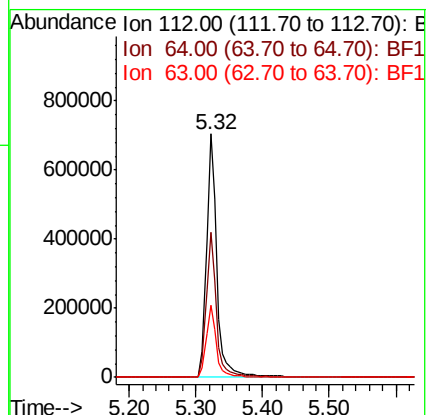
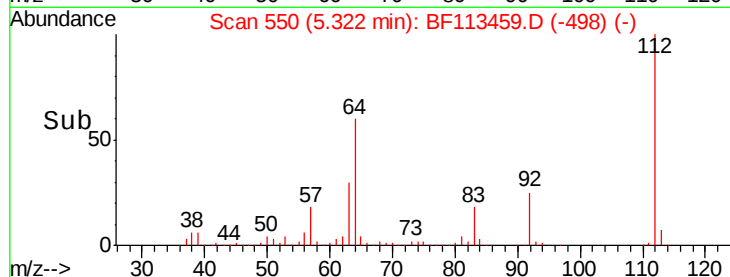
63 29.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.753 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

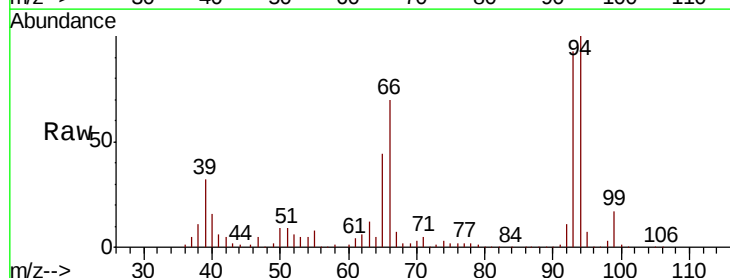
Tgt Ion: 93 Resp: 596078

Ion Ratio Lower Upper

93 100

66 74.7 62.1 93.1

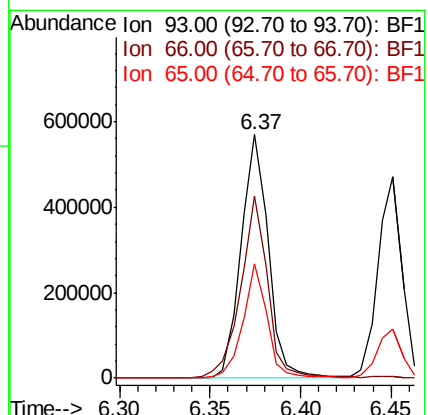
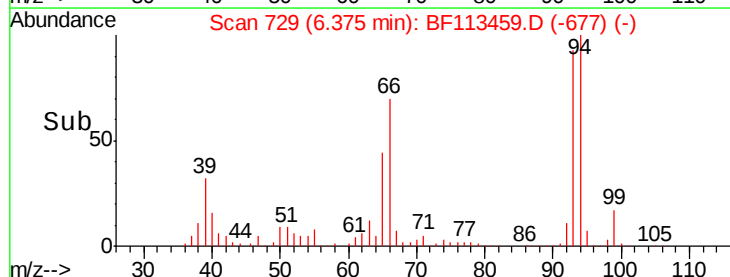
65 46.8 38.7 58.1



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: 79.087 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampled :

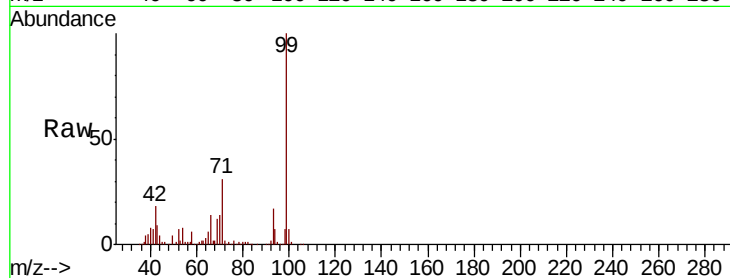
Tot Ion: 99 Resp: 949898

Ion Ratio Lower Upper

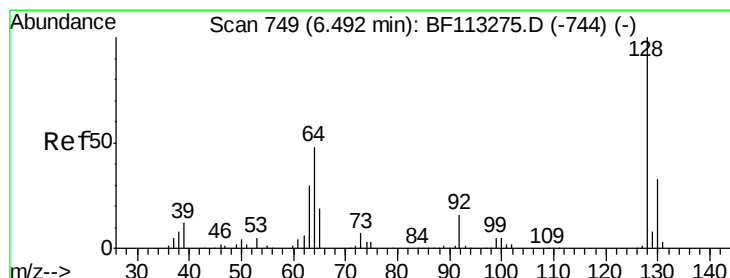
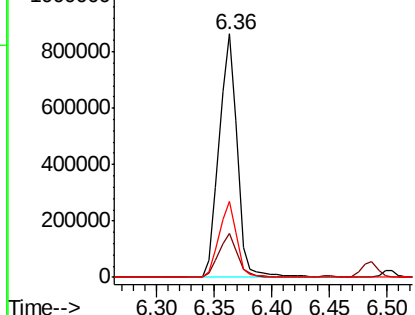
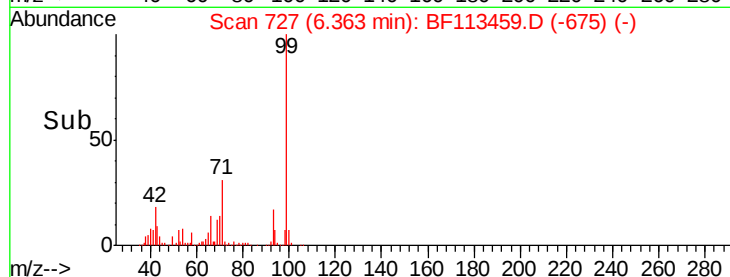
99 100

42 18.0 14.8 22.2

71 31.3 24.9 37.3



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: 40.557 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

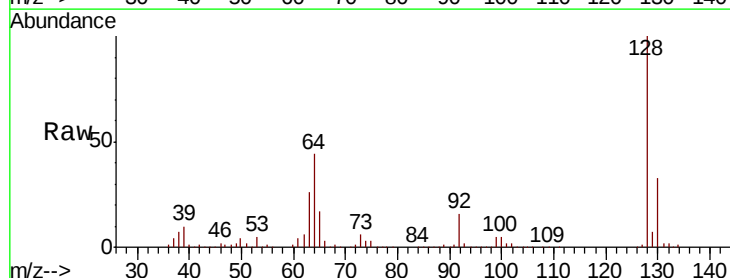
Tgt Ion: 128 Resp: 447157

Ion Ratio Lower Upper

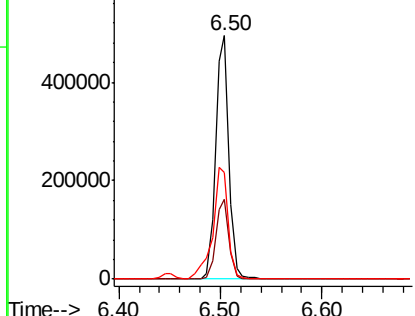
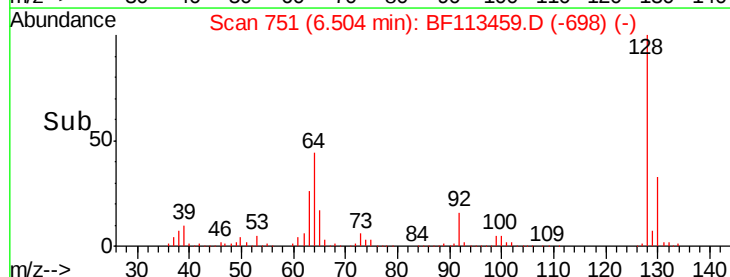
128 100

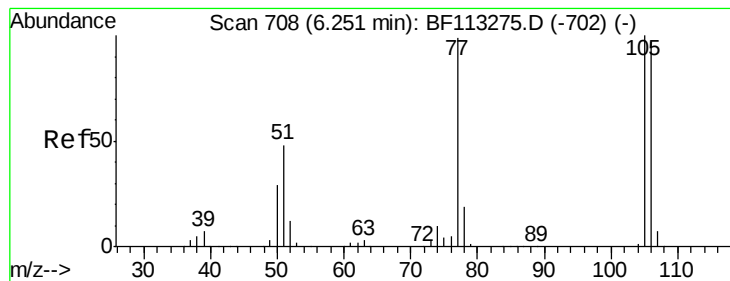
130 33.0 12.6 52.6

64 43.6 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: 37.674 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampled :

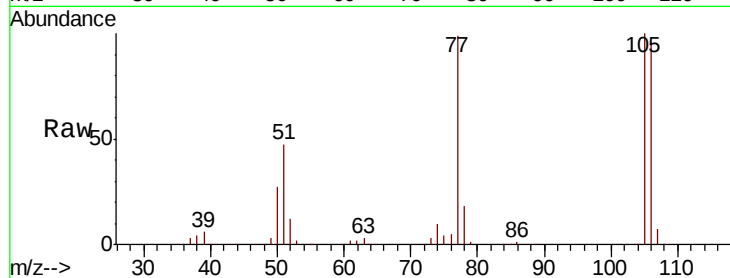
Tot Ion: 77 Resp: 303645

Ion Ratio Lower Upper

77 100

105 101.1 80.9 120.9

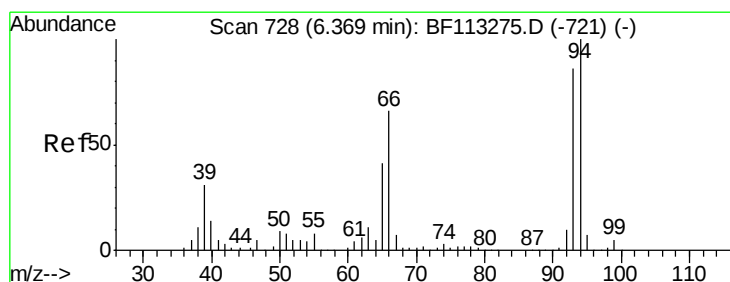
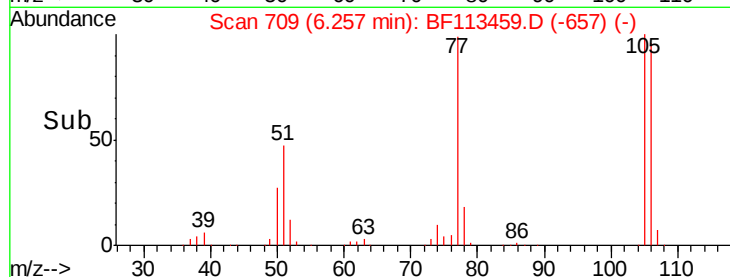
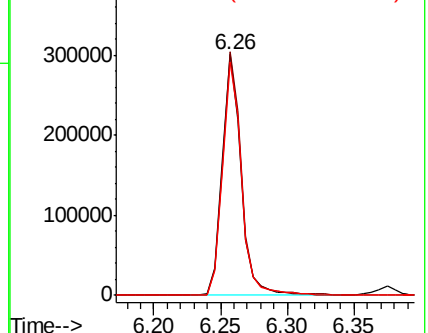
106 96.9 77.8 117.8



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: 39.156 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

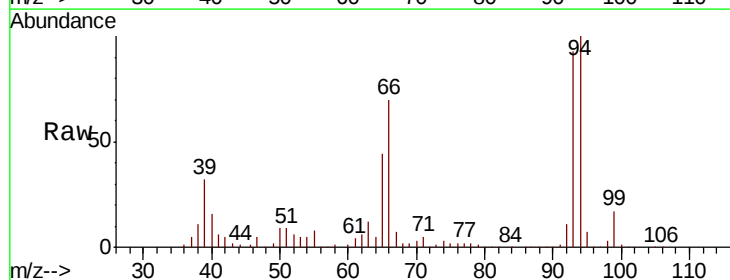
Tgt Ion: 94 Resp: 536915

Ion Ratio Lower Upper

94 100

65 43.7 21.4 61.4

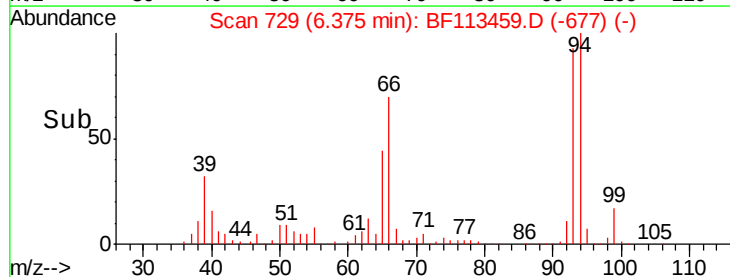
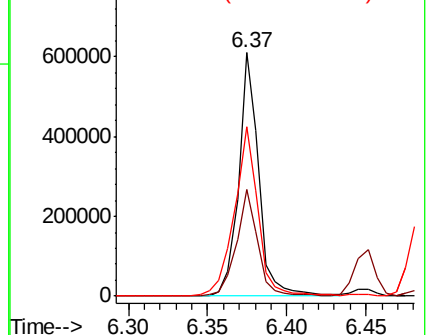
66 69.7 46.4 86.4

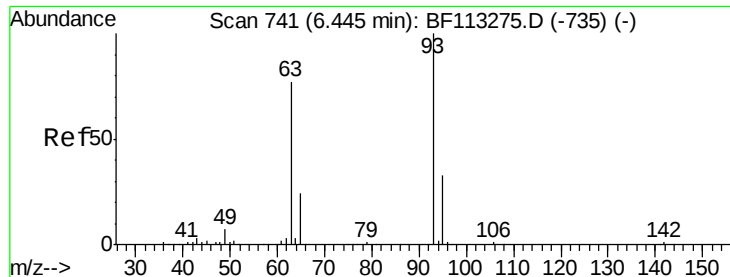


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

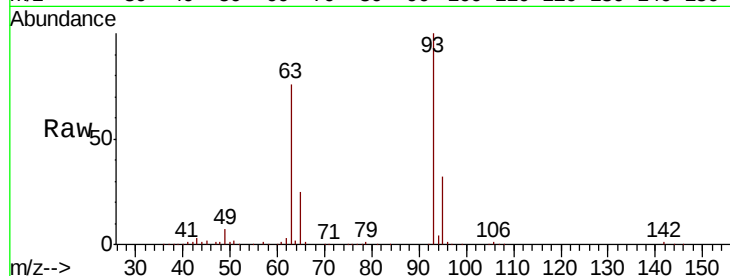




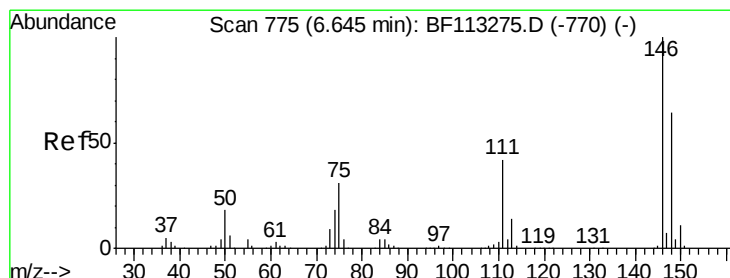
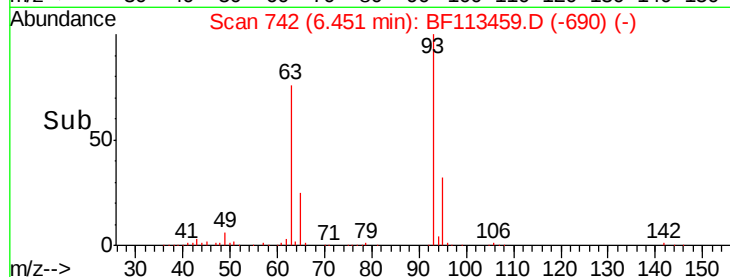
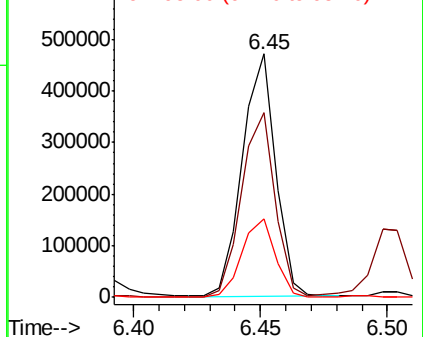
#11  
bis(2-Chloroethyl)ether  
Concen: 40.833 ng  
RT: 6.45 min Scan# 742  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion: 93 Resp: 429187  
Ion Ratio Lower Upper  
93 100  
63 75.7 56.1 96.1  
95 32.4 12.8 52.8

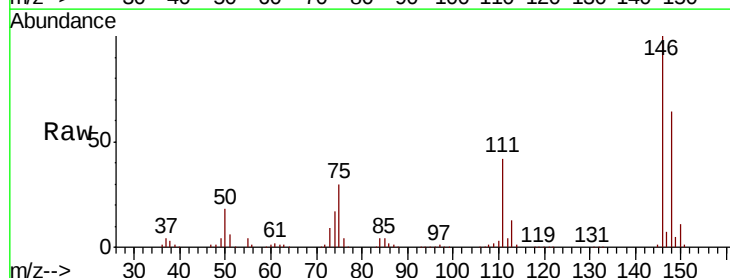


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

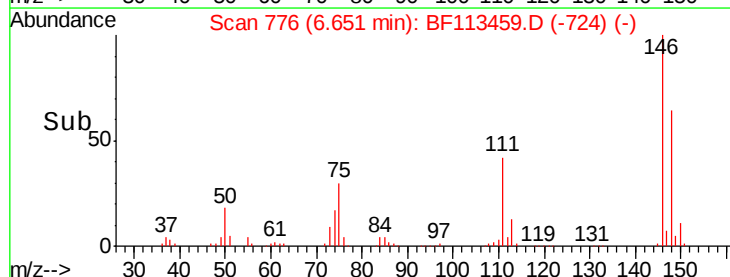
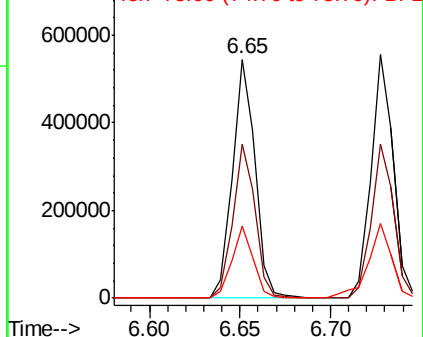


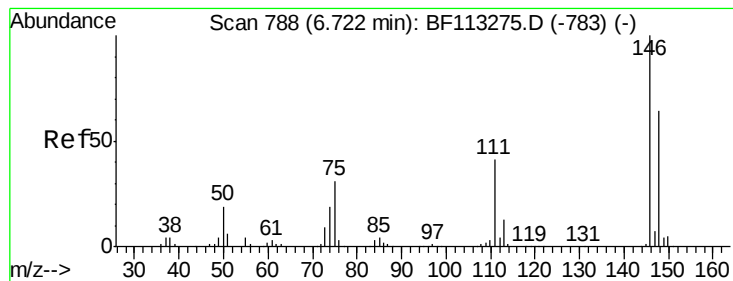
#12  
1,3-Dichlorobenzene  
Concen: 39.836 ng  
RT: 6.65 min Scan# 776  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion: 146 Resp: 473440  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.0  
75 30.0 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.823 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

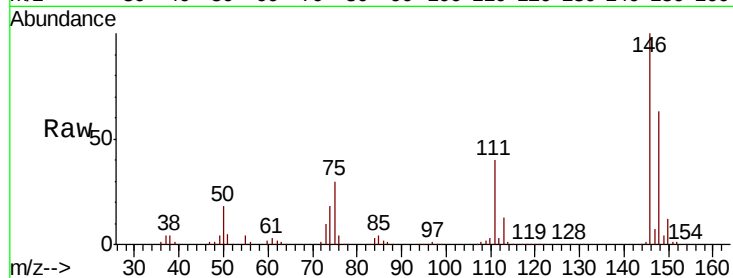
Tot Ion:146 Resp: 479922

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

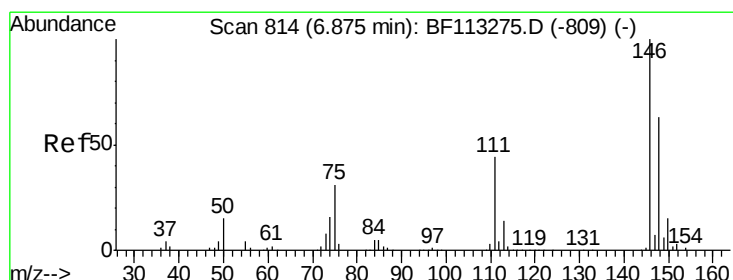
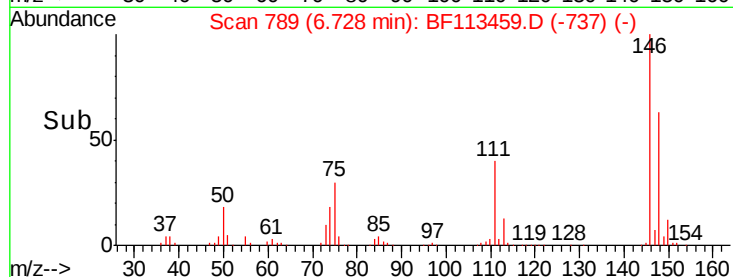
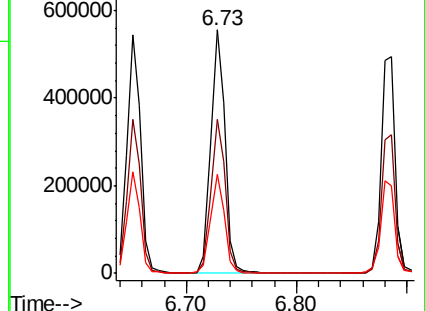
111 40.5 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.138 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

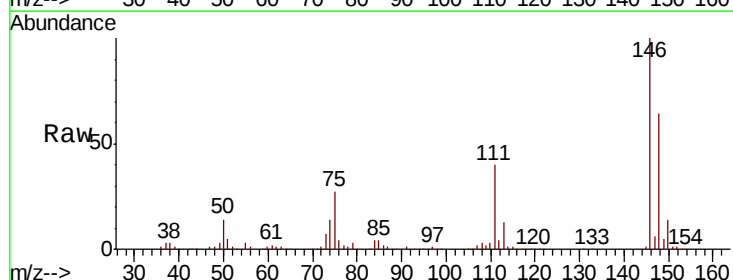
Tgt Ion:146 Resp: 441835

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.4

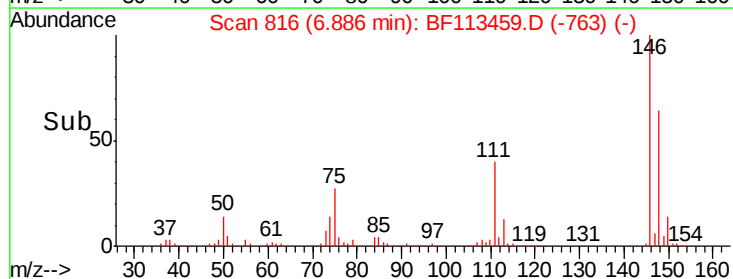
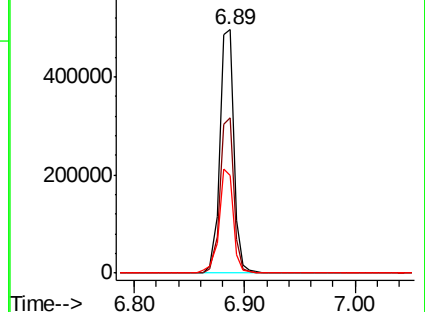
111 40.3 35.4 53.2

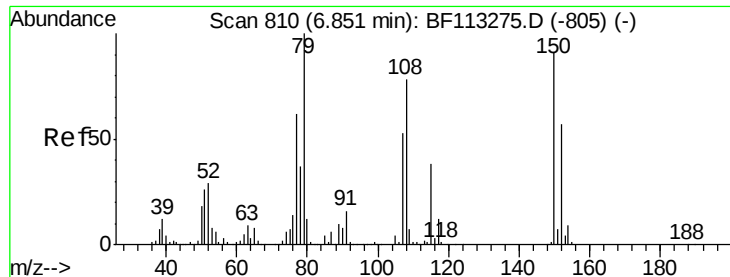


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.646 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

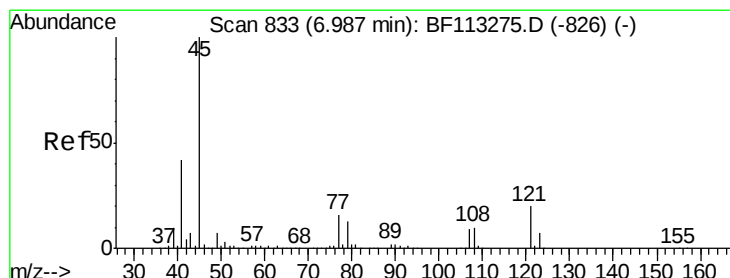
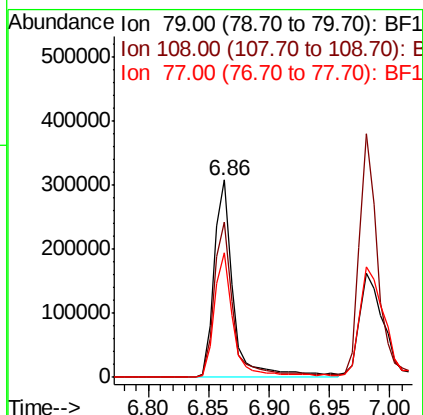
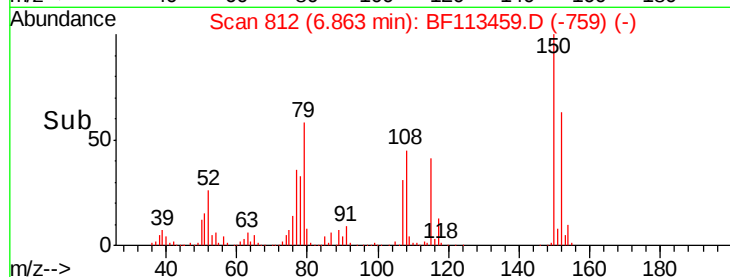
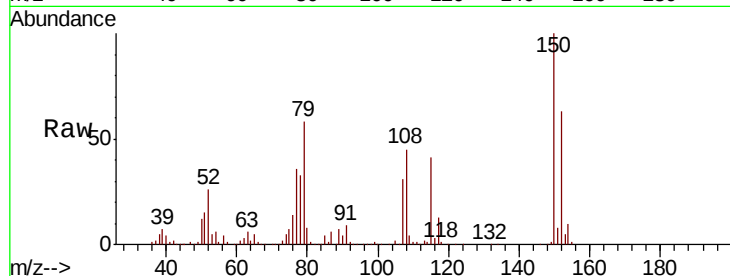
Tot Ion: 79 Resp: 337913

Ion Ratio Lower Upper

79 100

108 78.5 62.0 93.0

77 63.1 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.739 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

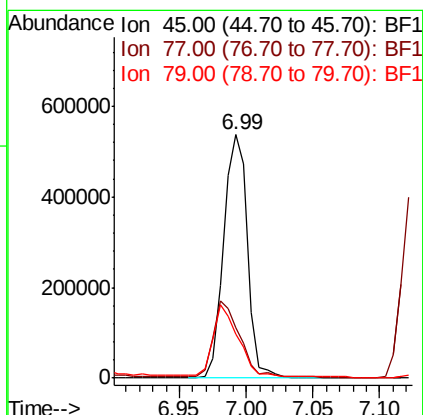
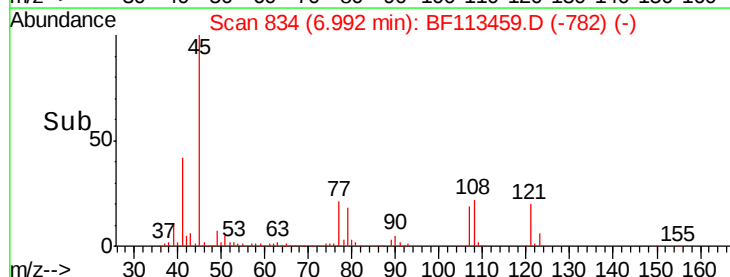
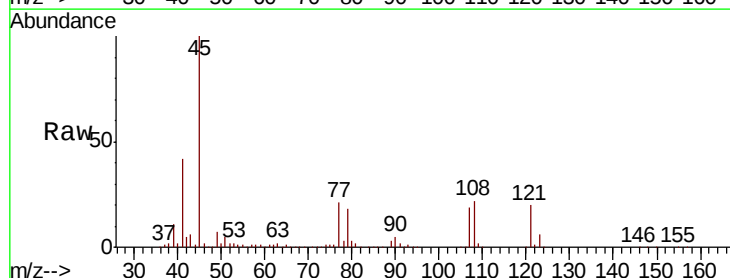
Tgt Ion: 45 Resp: 674855

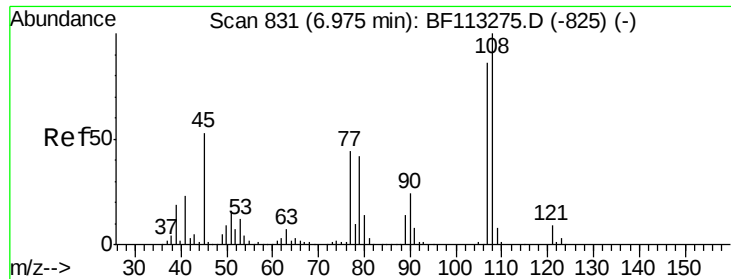
Ion Ratio Lower Upper

45 100

77 20.8 0.0 36.6

79 18.0 0.0 34.0

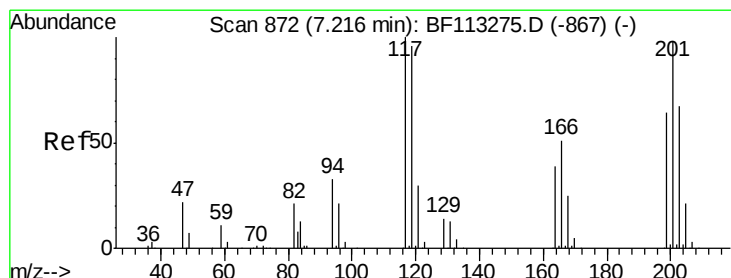
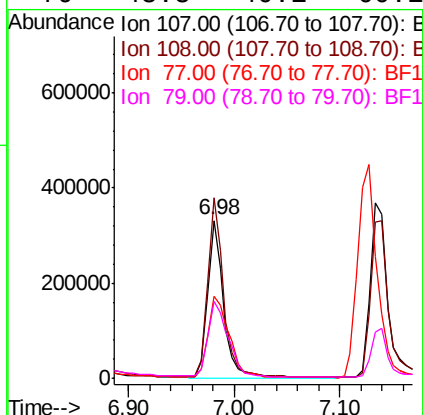
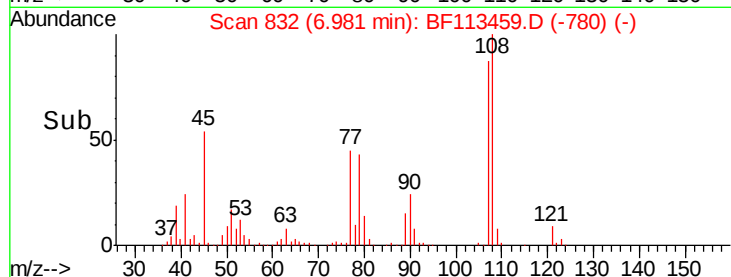
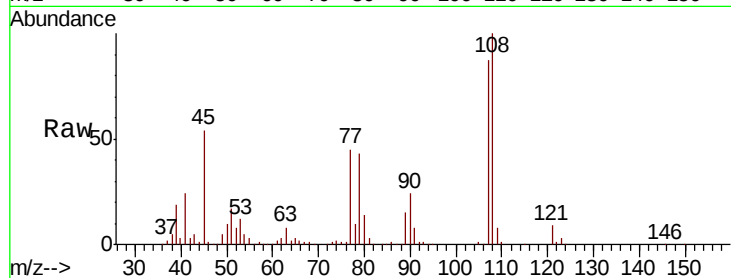




#17  
2-Methylphenol  
Concen: 40.654 ng  
RT: 6.98 min Scan# 832  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

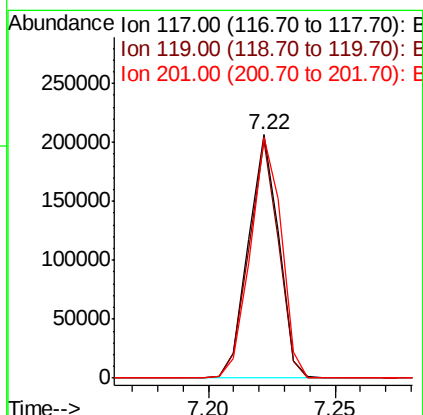
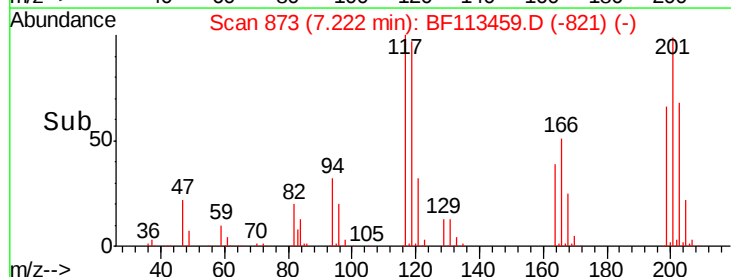
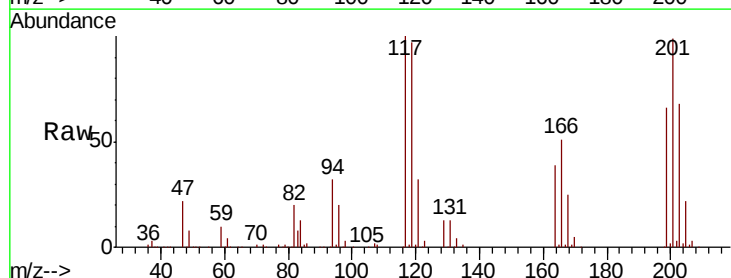
Instrument :  
BNA\_N  
ClientSampleId :

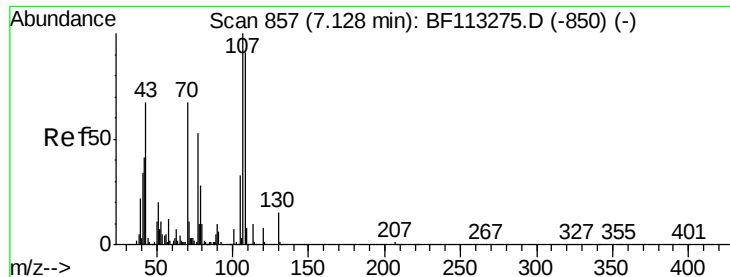
Tot Ion:107 Resp: 351267  
Ion Ratio Lower Upper  
107 100  
108 114.7 93.4 140.0  
77 51.8 41.2 61.8  
79 48.8 40.1 60.1



#18  
Hexachloroethane  
Concen: 41.755 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:117 Resp: 172093  
Ion Ratio Lower Upper  
117 100  
119 97.2 76.9 115.3  
201 99.2 78.7 118.1

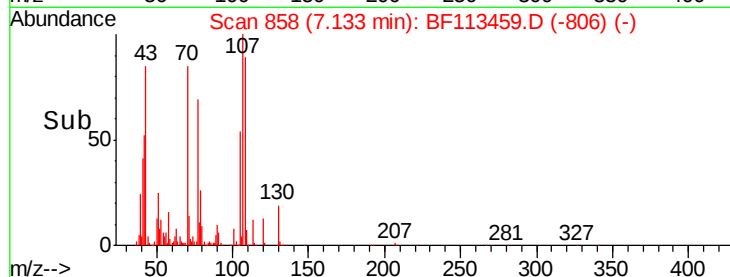
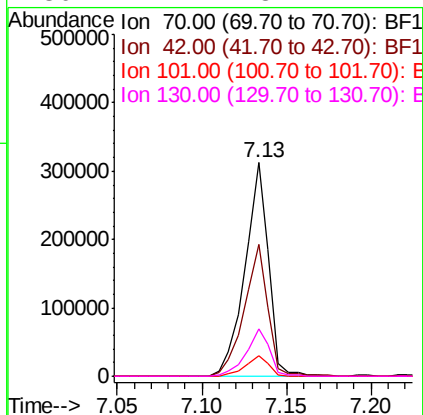
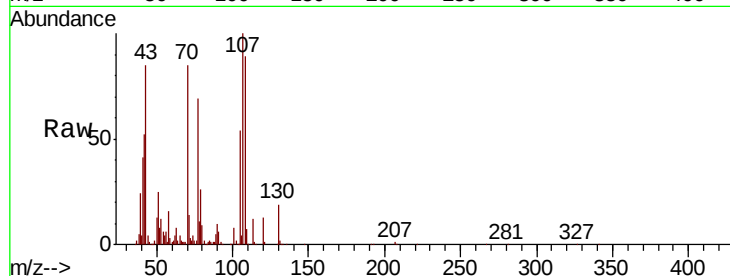




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.364 ng  
RT: 7.13 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

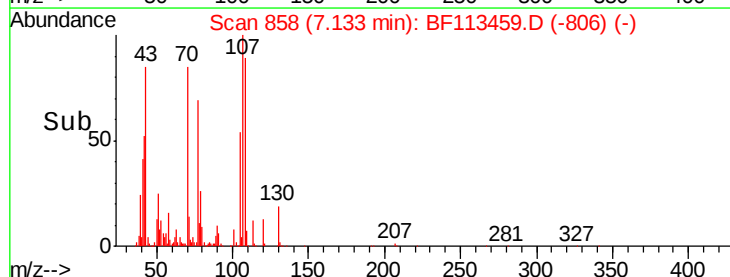
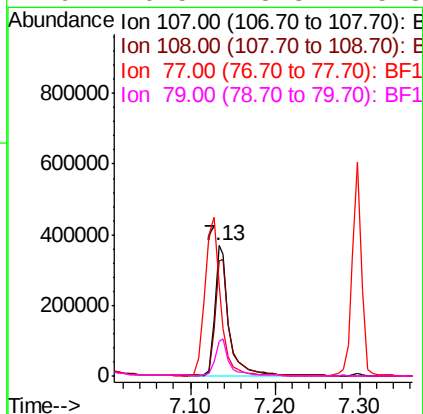
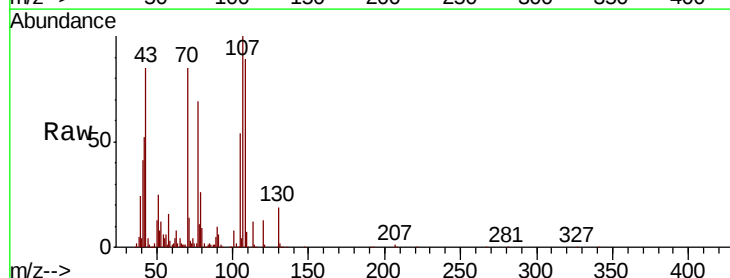
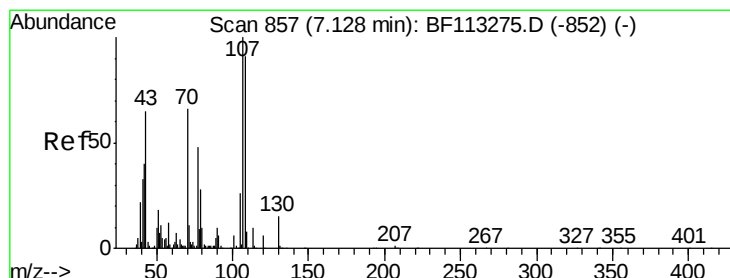
Instrument :  
BNA\_N  
ClientSampleId :

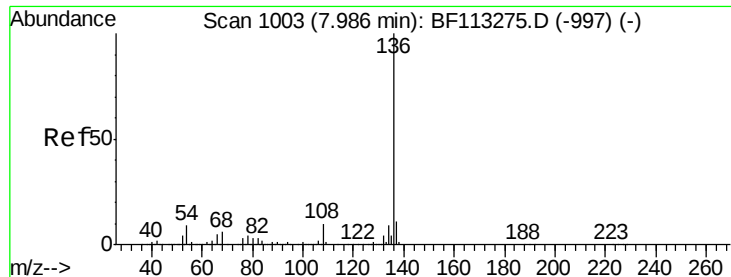
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 304525 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.7  | 48.4  | 72.6   |
| 101      | 9.5   | 7.8   | 11.8   |
| 130      | 22.1  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 43.574 ng  
RT: 7.13 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 434811 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 71.4  | 111.4  |
| 77       | 69.3  | 33.5  | 73.5   |
| 79       | 26.5  | 8.3   | 48.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampled :

Tot Ion:136 Resp: 640091

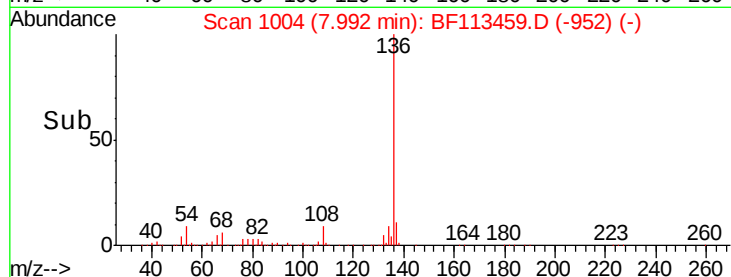
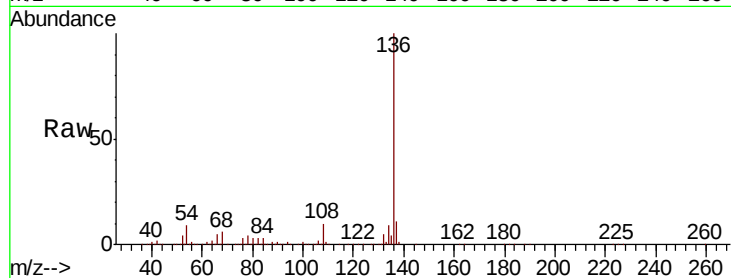
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.6 7.0 10.6

68 6.4 4.8 7.2

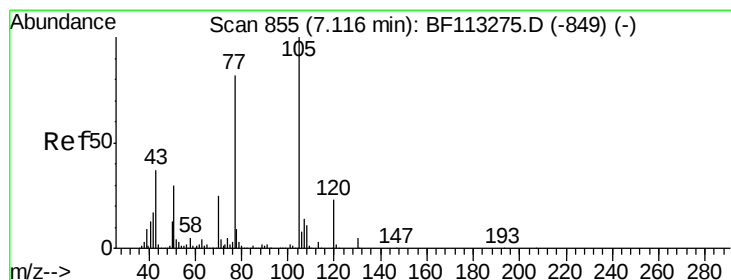
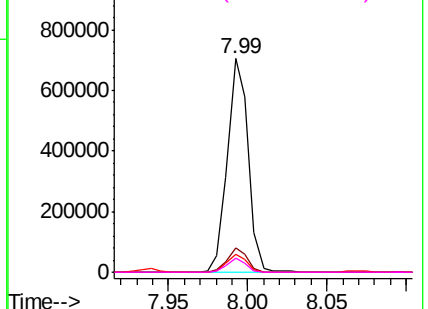


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.438 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Tgt Ion:105 Resp: 590289

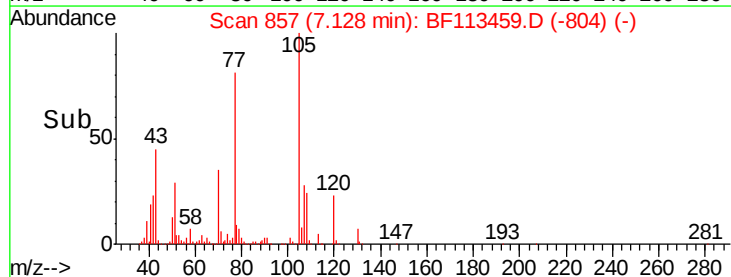
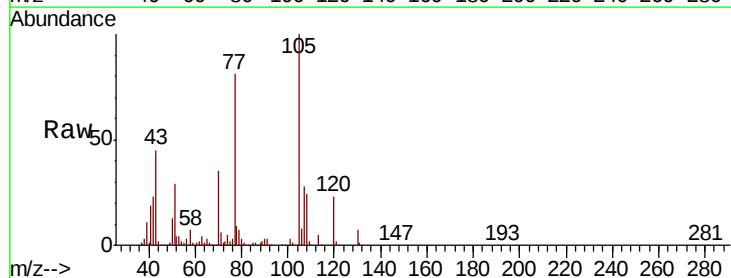
Ion Ratio Lower Upper

105 100

71 5.7 3.3 4.9#

51 28.8 24.2 36.2

120 22.9 18.1 27.1

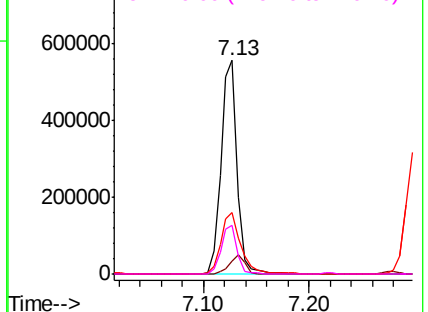


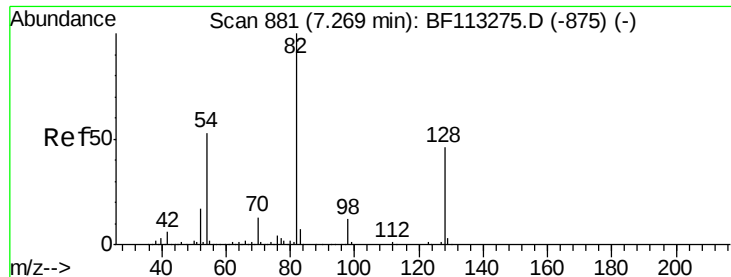
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

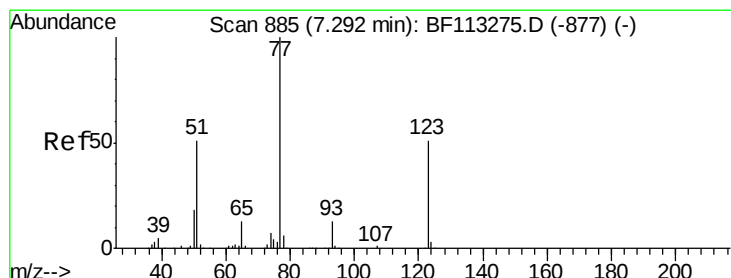
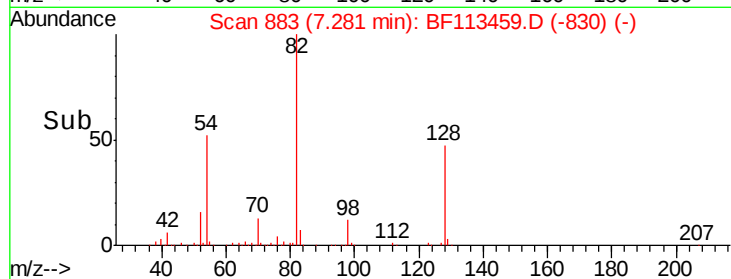
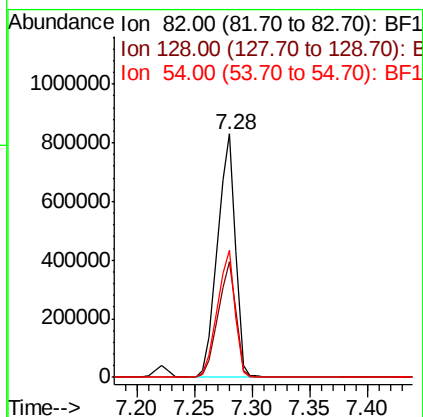
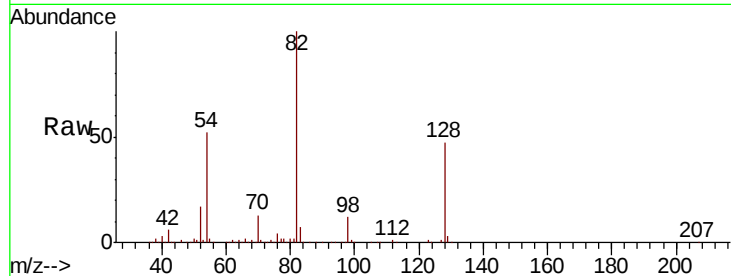




#23  
 Nitrobenzene-d5  
 Concen: 83.129 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

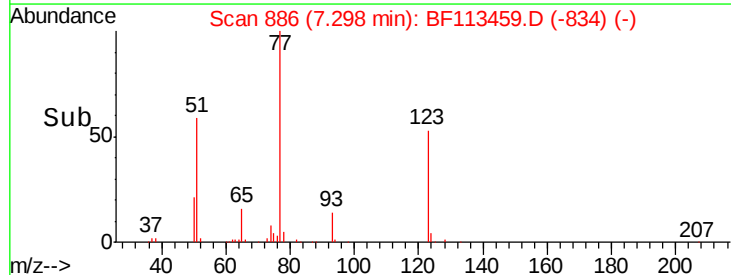
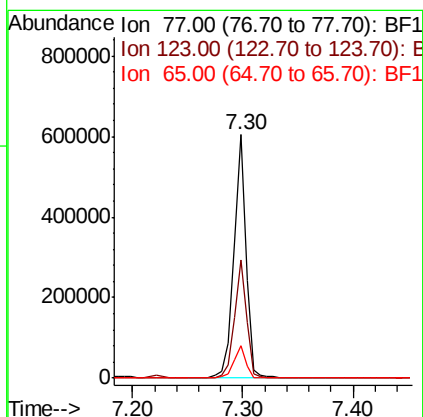
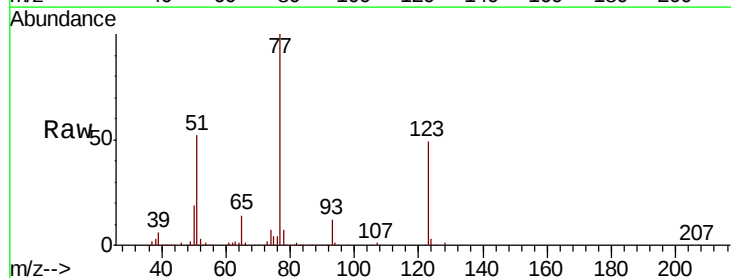
Instrument :  
 BNA\_N  
 ClientSampled :

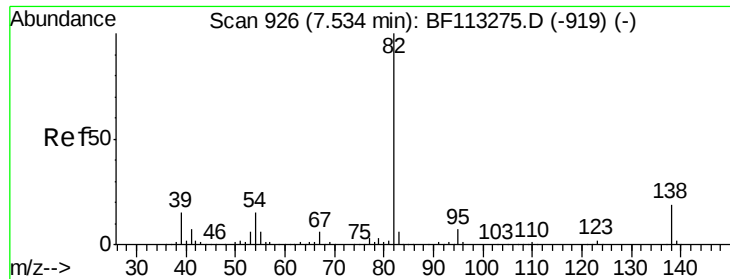
| Tot Ion   | 82   | Resp  | 896487 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 47.4 | 36.5  | 54.7   |
| 54        | 52.4 | 42.2  | 63.2   |



#24  
 Nitrobenzene  
 Concen: 41.722 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

| Tgt Ion   | 77   | Resp  | 469518 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 48.7 | 40.8  | 61.2   |
| 65        | 13.5 | 10.6  | 16.0   |

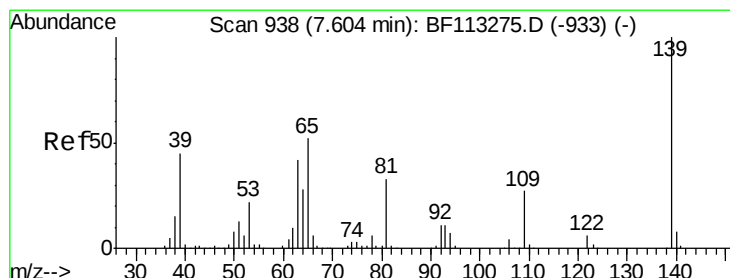
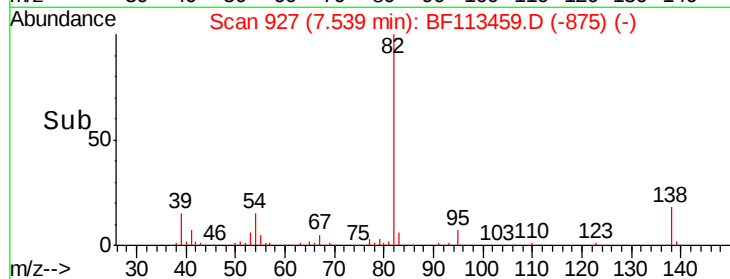
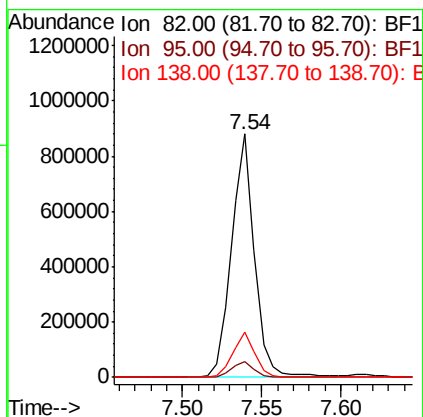
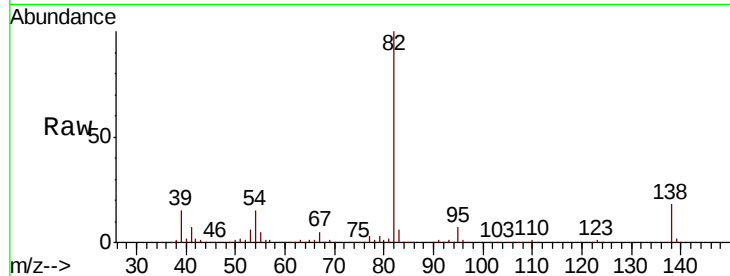




#25  
Isophorone  
Concen: 42.164 ng  
RT: 7.54 min Scan# 927  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

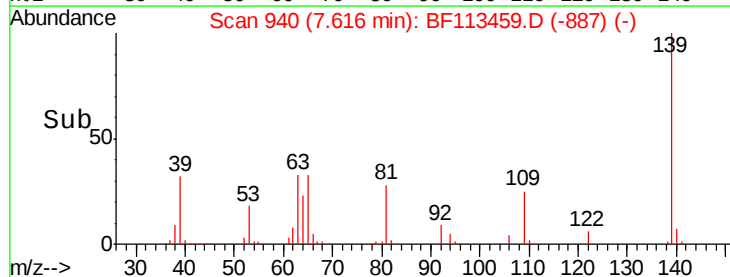
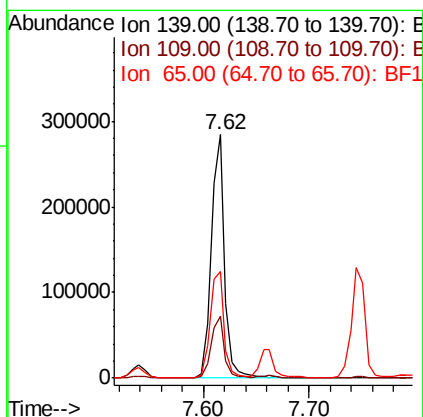
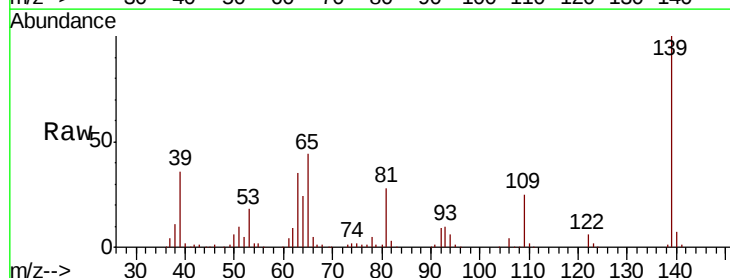
Instrument :  
BNA\_N  
ClientSampleId :

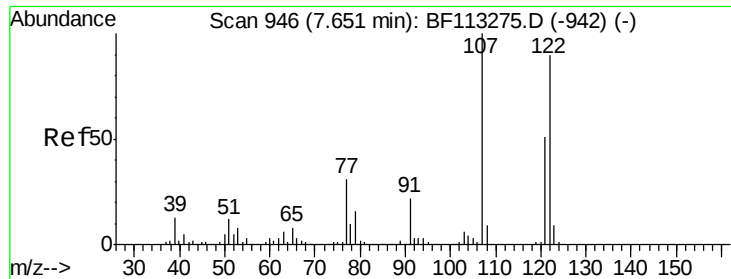
Tot Ion: 82 Resp: 881205  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 18.4 15.2 22.8



#26  
2-Nitrophenol  
Concen: 42.546 ng  
RT: 7.62 min Scan# 940  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:139 Resp: 253077  
Ion Ratio Lower Upper  
139 100  
109 25.2 21.7 32.5  
65 43.9 41.6 62.4

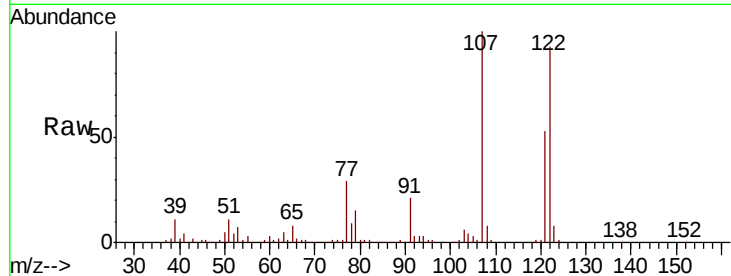




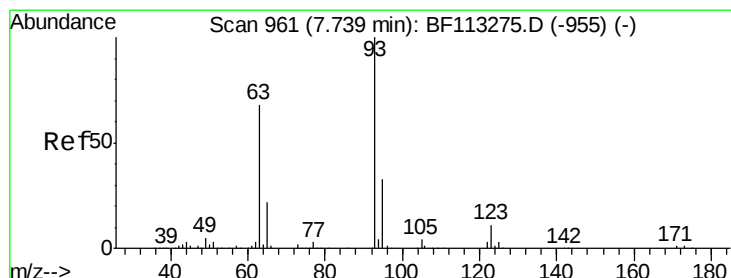
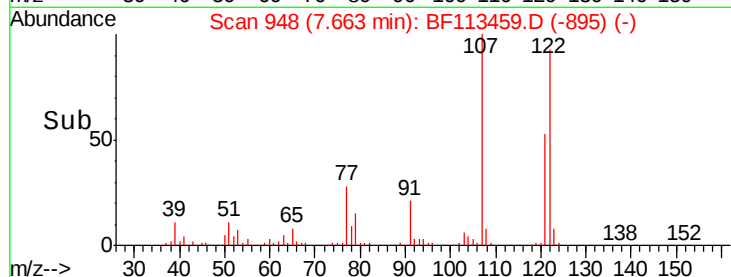
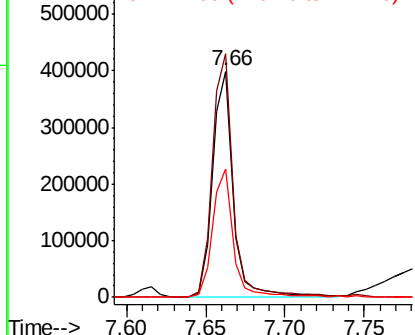
#27  
 2,4-Dimethylphenol  
 Concen: 42.244 ng  
 RT: 7.66 min Scan# 948  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:122 Resp: 361472  
 Ion Ratio Lower Upper  
 122 100  
 107 107.9 88.8 133.2  
 121 57.0 45.5 68.3

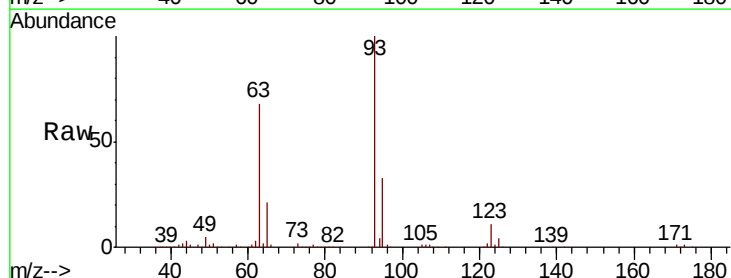


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

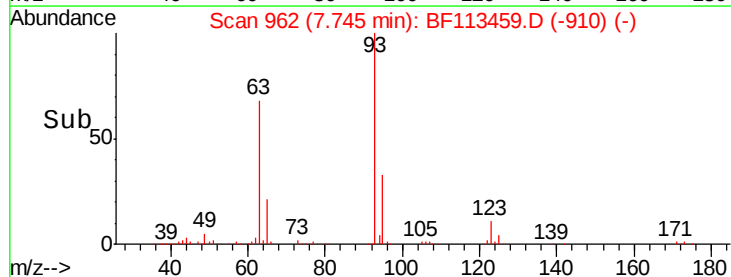
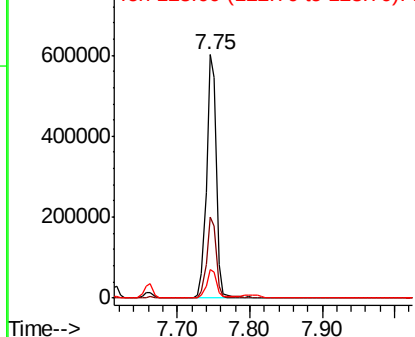


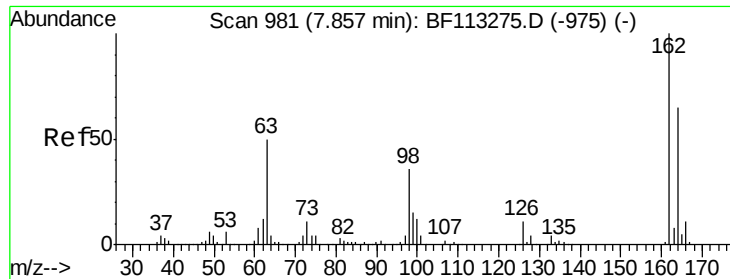
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.159 ng  
 RT: 7.75 min Scan# 962  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion: 93 Resp: 568019  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.0 39.0  
 123 11.5 9.1 13.7



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

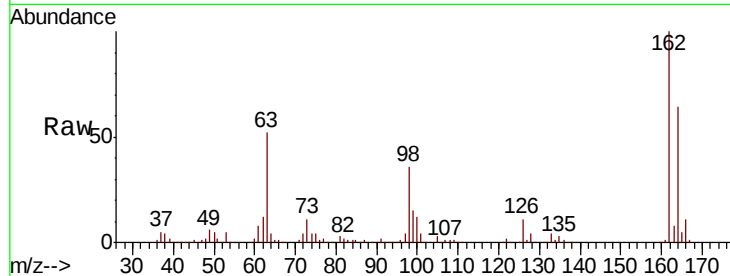




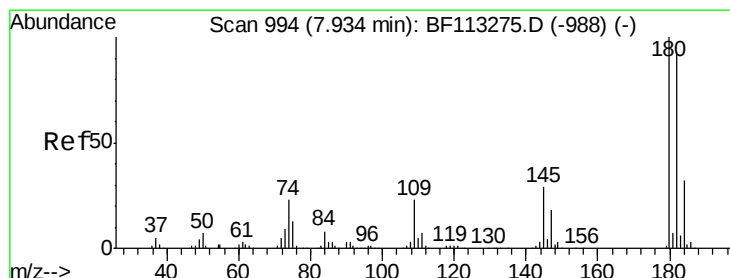
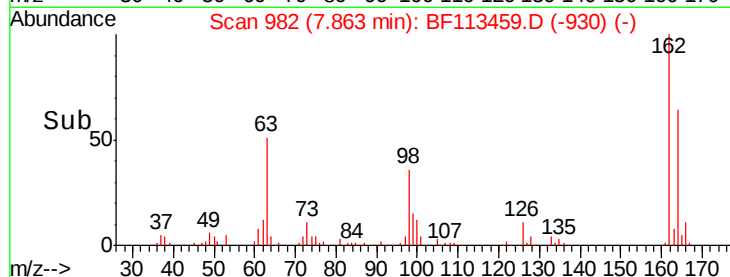
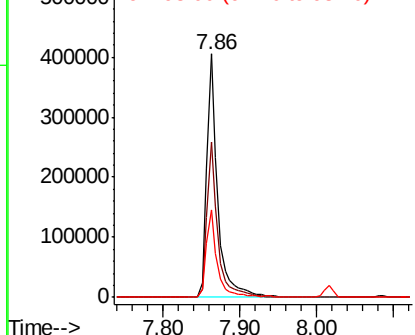
#29  
2,4-Dichlorophenol  
Concen: 42.821 ng  
RT: 7.86 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:162 Resp: 397066  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.6 84.6  
98 35.9 15.6 55.6

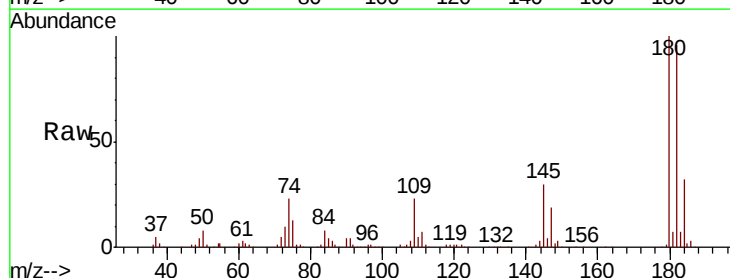


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

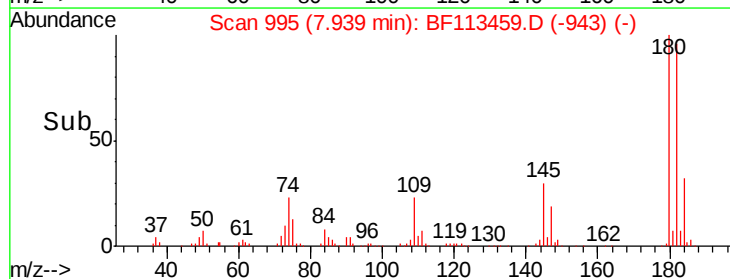
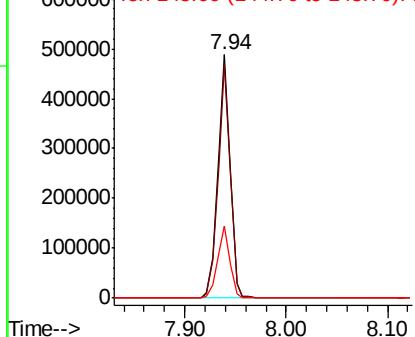


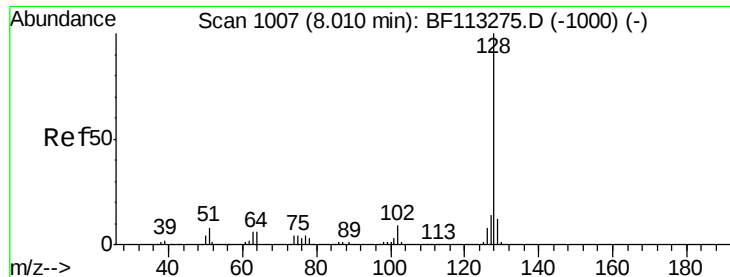
#30  
1,2,4-Trichlorobenzene  
Concen: 41.316 ng  
RT: 7.94 min Scan# 995  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:180 Resp: 413338  
Ion Ratio Lower Upper  
180 100  
182 96.0 74.6 111.8  
145 29.8 23.4 35.0



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

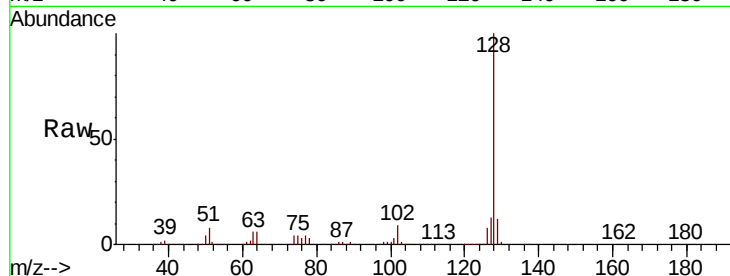




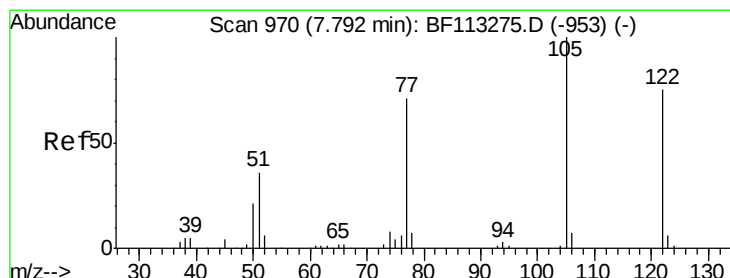
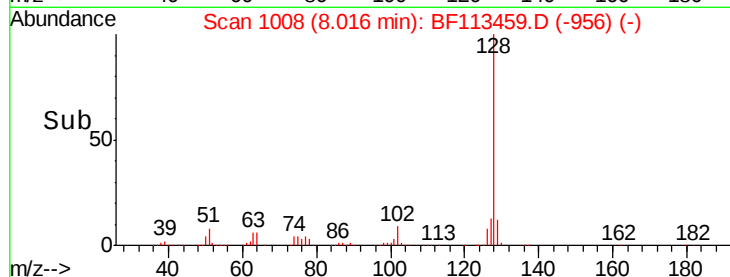
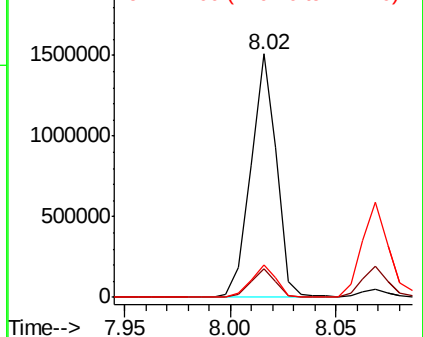
#31  
Naphthalene  
Concen: 40.699 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:128 Resp: 1273049  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.3 13.9  
127 13.4 10.9 16.3

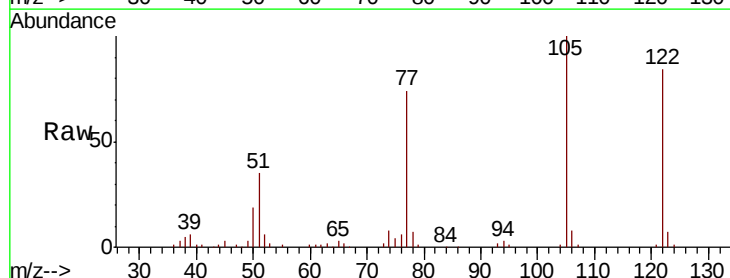


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

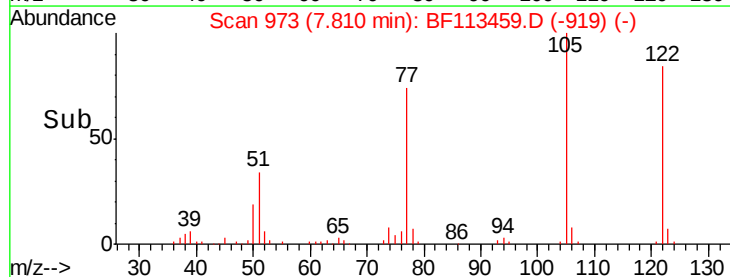
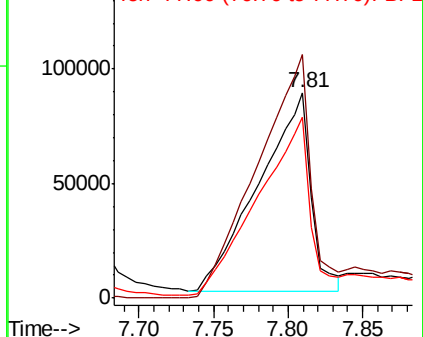


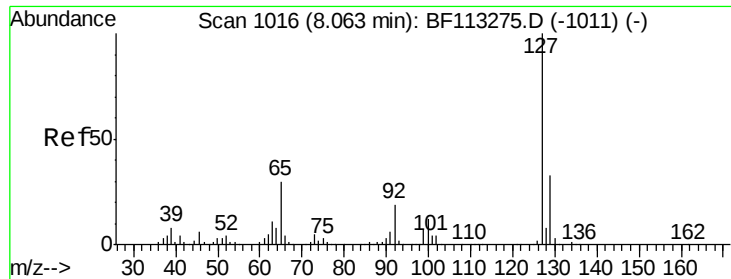
#32  
Benzoic acid  
Concen: 30.711 ng  
RT: 7.81 min Scan# 973  
Delta R.T. 0.02 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:122 Resp: 211528  
Ion Ratio Lower Upper  
122 100  
105 118.4 100.4 140.4  
77 88.0 69.0 109.0



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

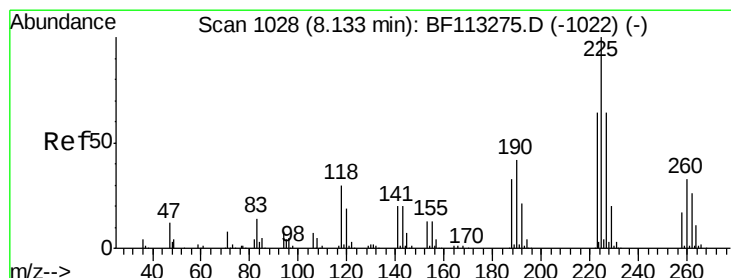
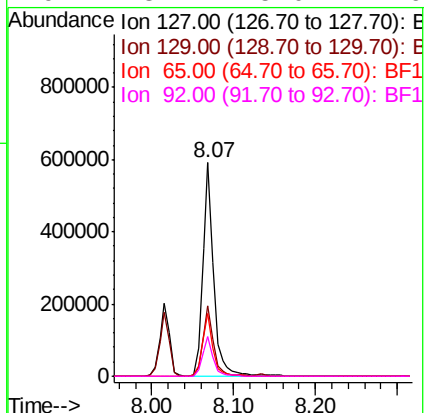
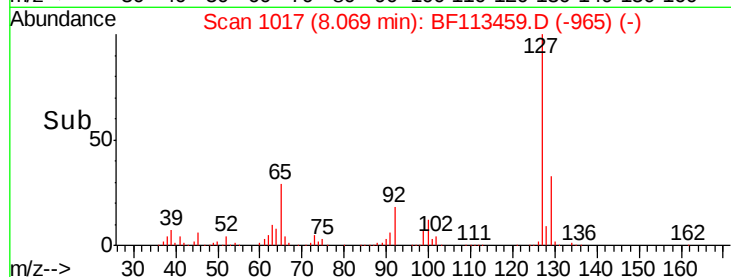
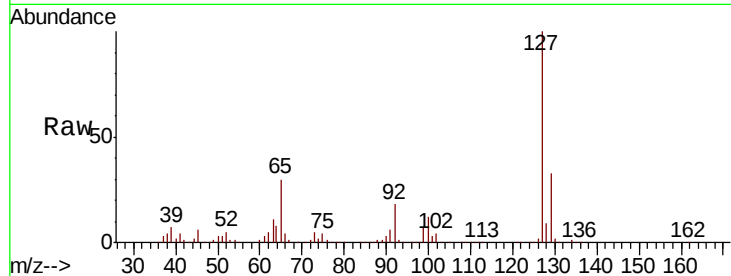




#33  
4-Chloroaniline  
Concen: 45.179 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

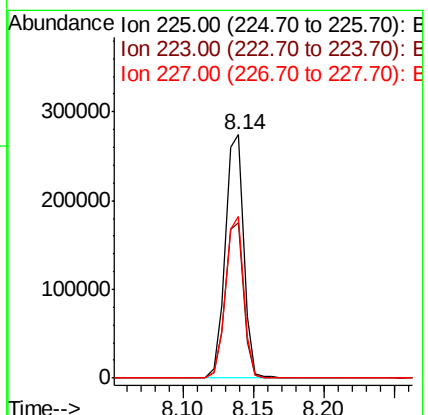
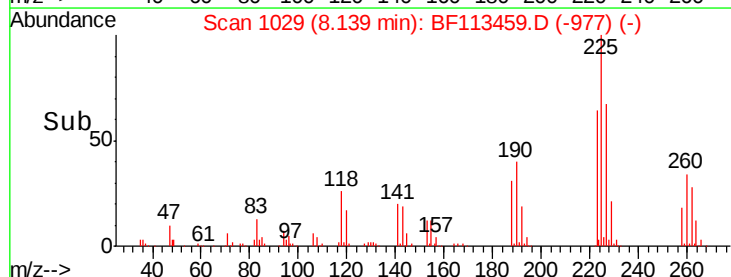
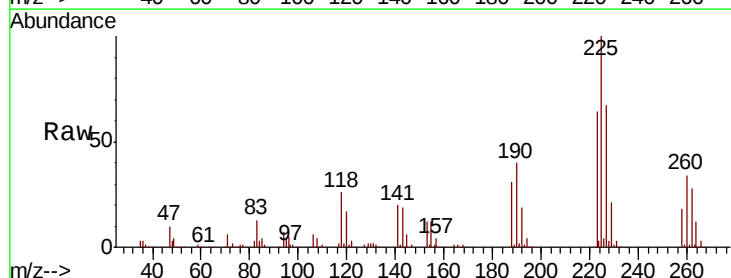
Instrument :  
BNA\_N  
ClientSampled :

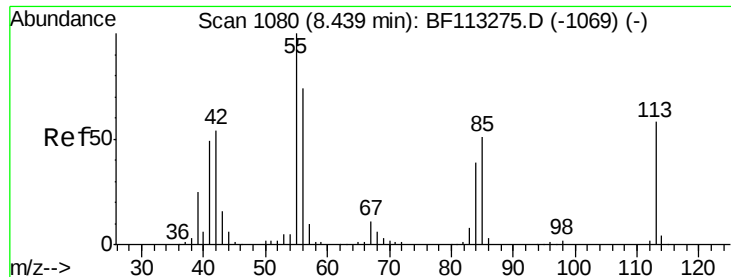
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:127 | Resp: | 551064      |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 32.7  | 26.3 39.5   |
| 65          | 29.6  | 24.2 36.4   |
| 92          | 18.4  | 15.0 22.6   |



#34  
Hexachlorobutadiene  
Concen: 41.956 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 249473      |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 63.6  | 51.4 77.2   |
| 227         | 66.5  | 51.1 76.7   |

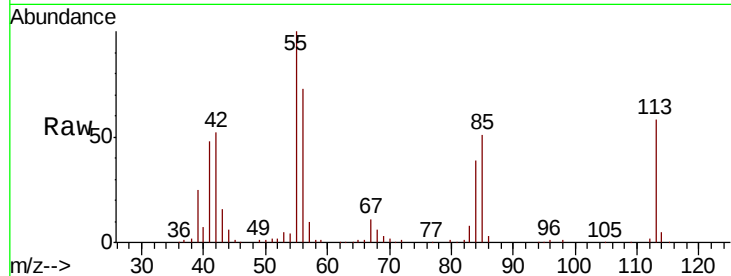




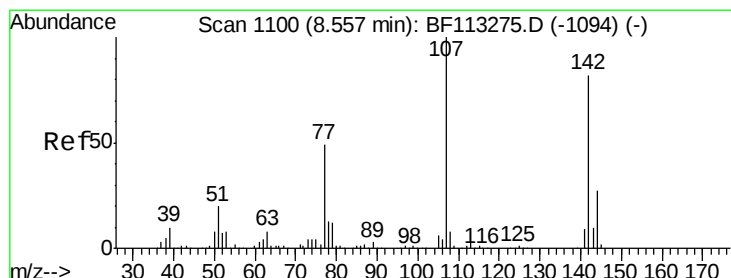
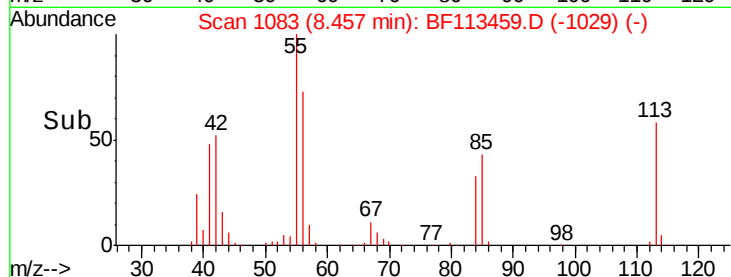
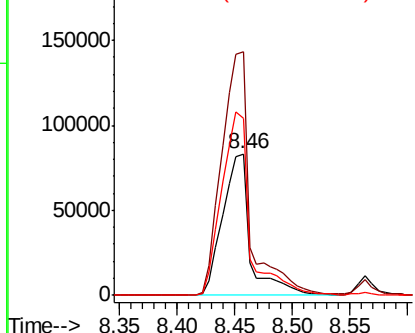
#35  
Caprolactam  
Concen: 46.735 ng  
RT: 8.46 min Scan# 1083  
Delta R.T. 0.02 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:113 Resp: 139084  
Ion Ratio Lower Upper  
113 100  
55 171.8 152.7 192.7  
56 124.6 108.3 148.3

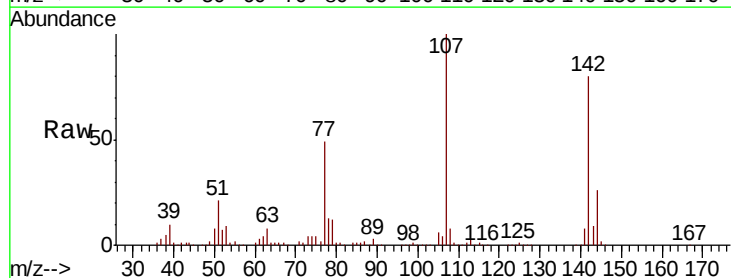


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

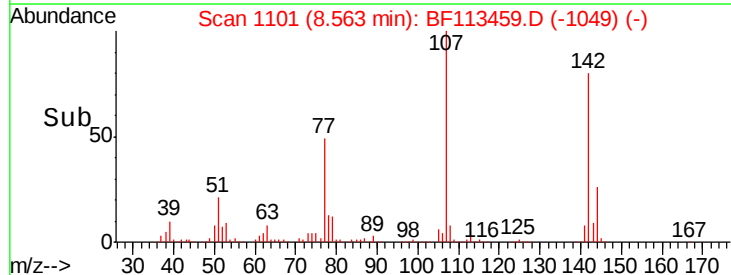
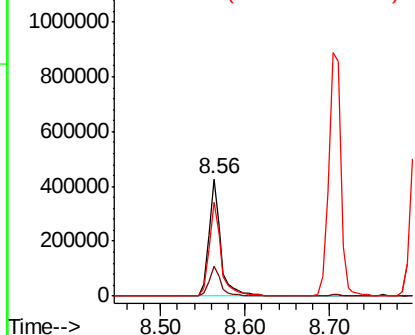


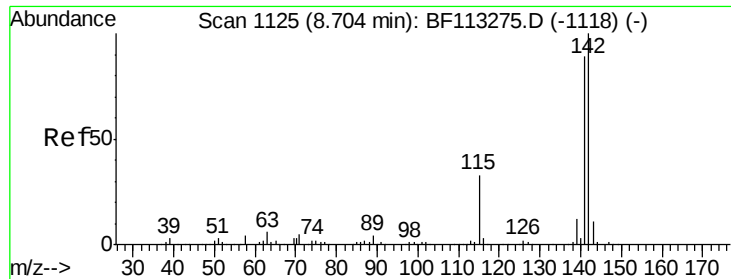
#36  
4-Chloro-3-methylphenol  
Concen: 44.606 ng  
RT: 8.56 min Scan# 1101  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:107 Resp: 416016  
Ion Ratio Lower Upper  
107 100  
144 25.6 21.4 32.0  
142 79.9 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

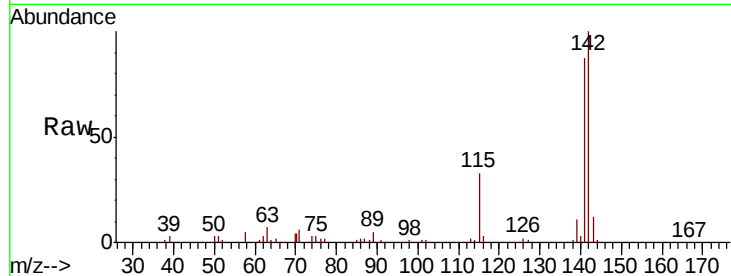




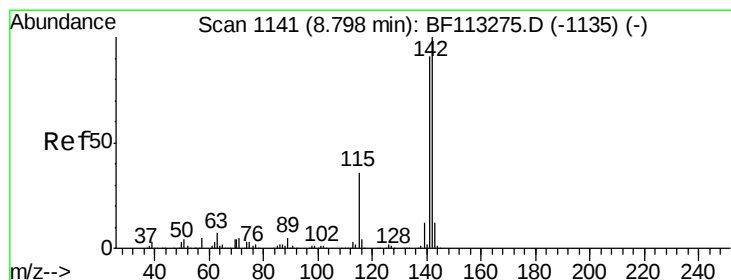
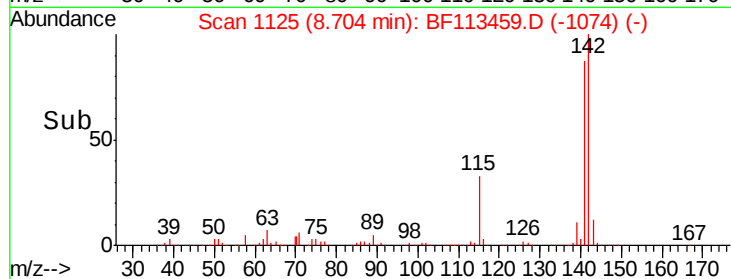
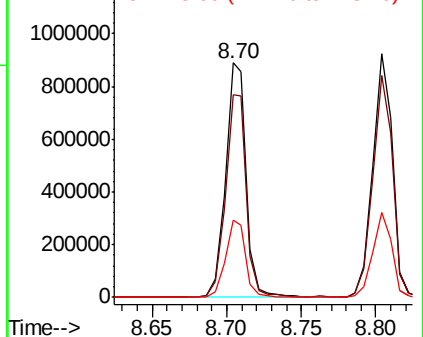
#37  
2-Methylnaphthalene  
Concen: 44.278 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:142 Resp: 864199  
Ion Ratio Lower Upper  
142 100  
141 86.5 71.0 106.6  
115 33.2 26.6 39.8

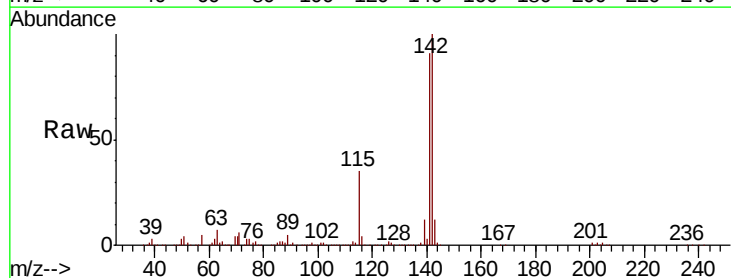


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

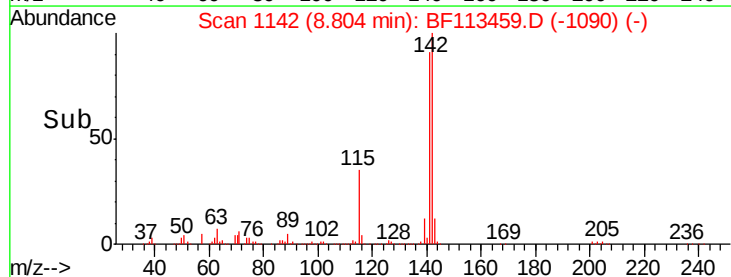
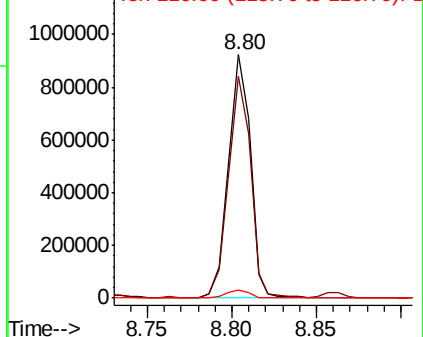


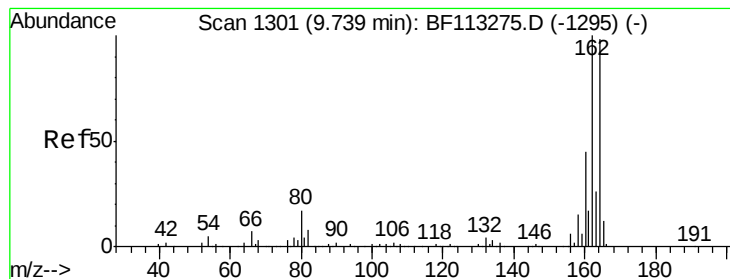
#38  
1-Methylnaphthalene  
Concen: 44.350 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:142 Resp: 832579  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.2 109.8  
116 3.5 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

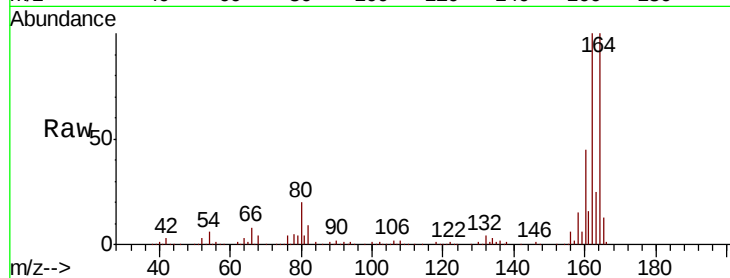
Tot Ion:164 Resp: 331961

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

160 44.9 36.4 54.6

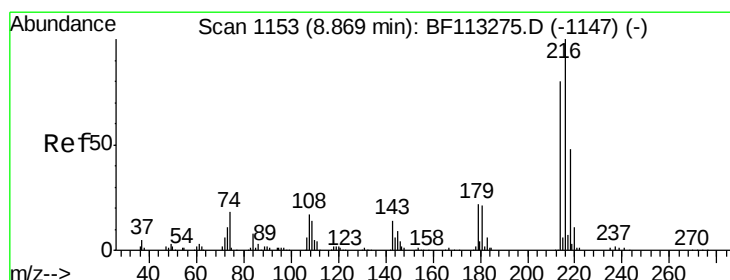
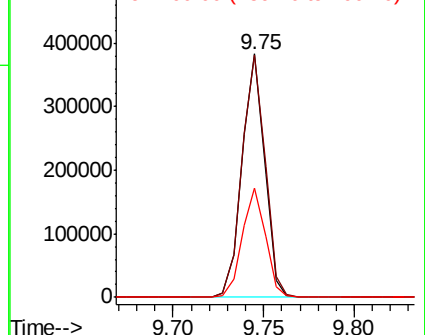
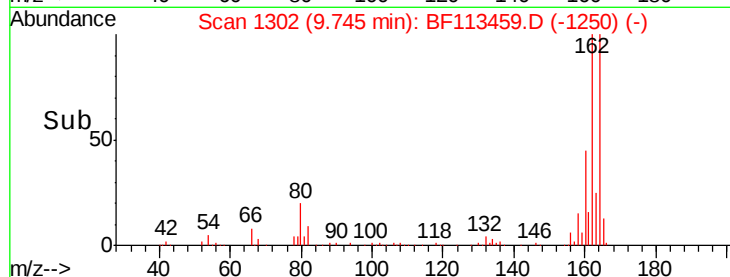


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.856 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Tgt Ion:216 Resp: 424700

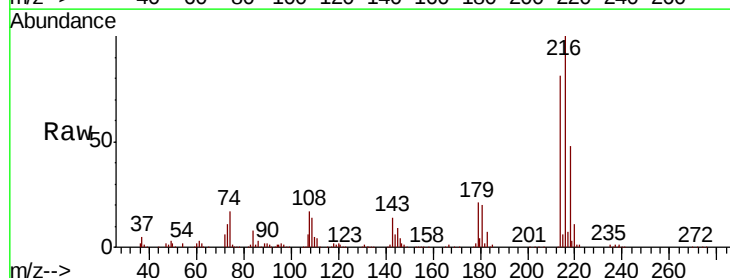
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.6 16.8 25.2

108 17.1 13.8 20.6



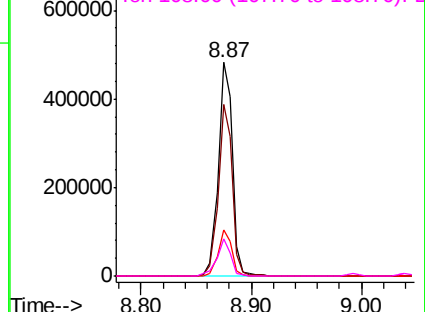
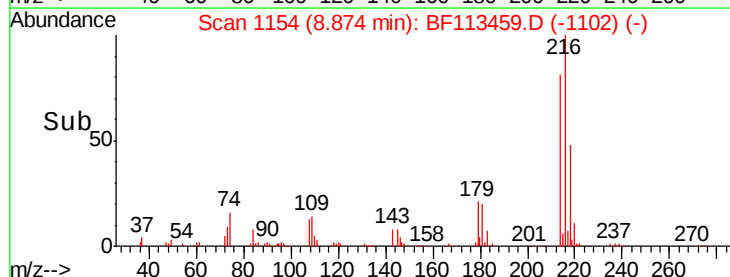
Abundance

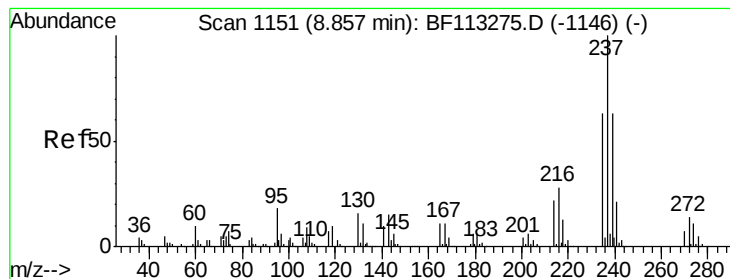
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 34.636 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

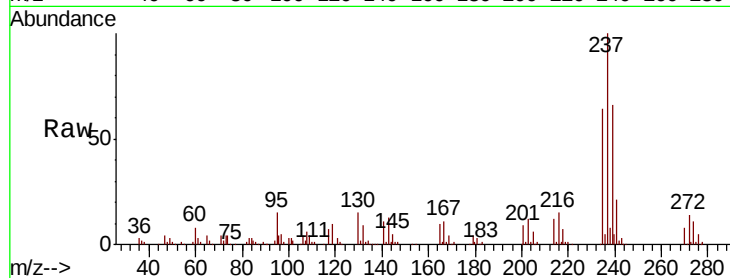
Tot Ion:237 Resp: 156222

Ion Ratio Lower Upper

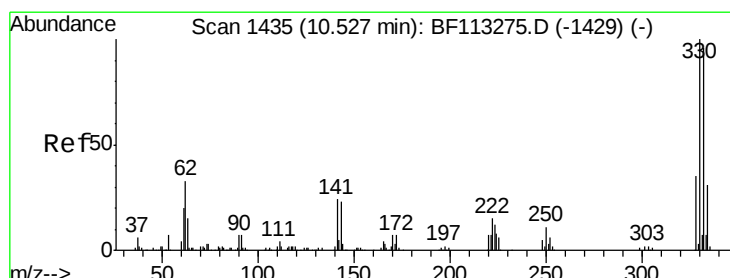
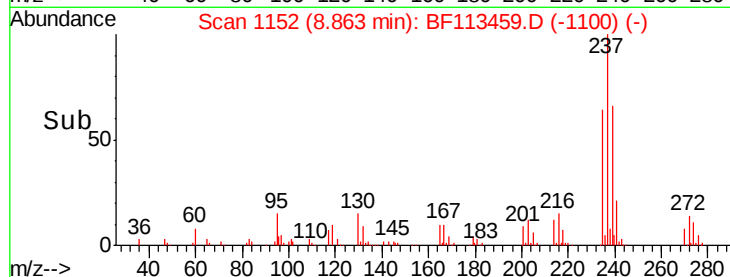
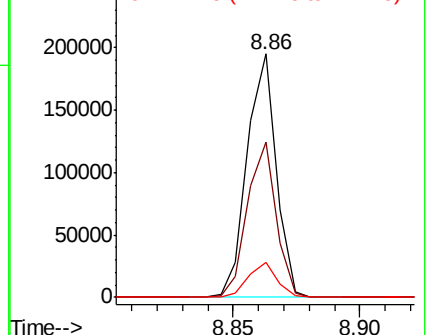
237 100

235 63.7 43.4 83.4

272 14.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 84.511 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

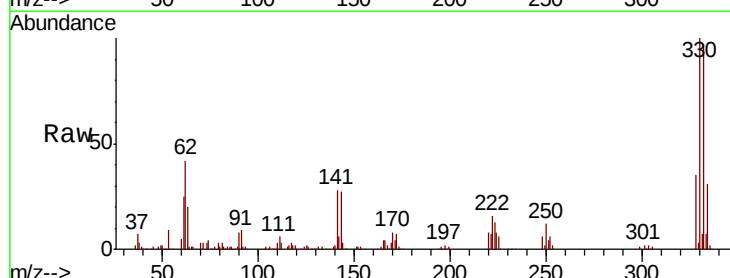
Tgt Ion:330 Resp: 346535

Ion Ratio Lower Upper

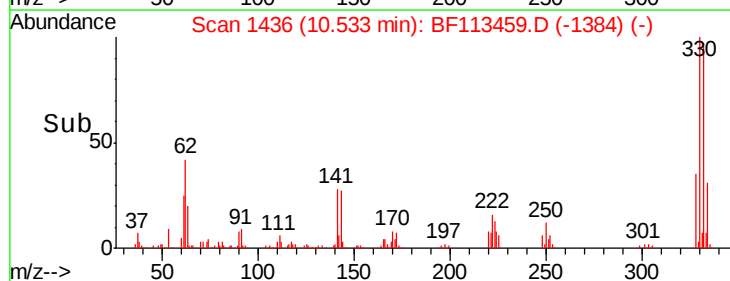
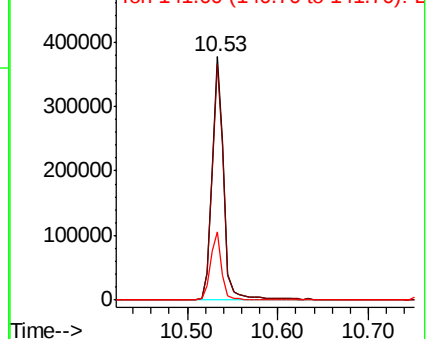
330 100

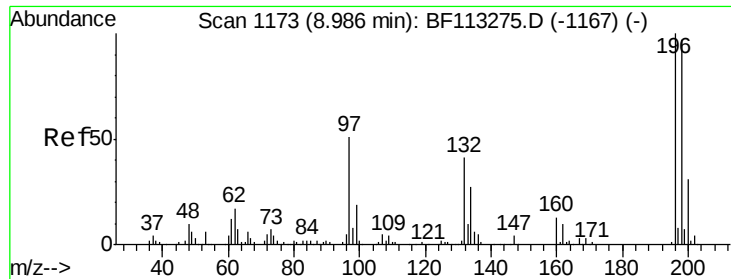
332 97.1 77.8 116.6

141 26.8 22.7 34.1



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

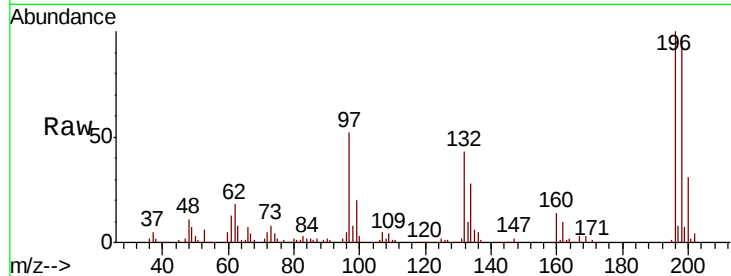




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.749 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion   | 196   | Resp  | 275824 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 77.7  | 116.5  |
| 200       | 30.9  | 24.9  | 37.3   |

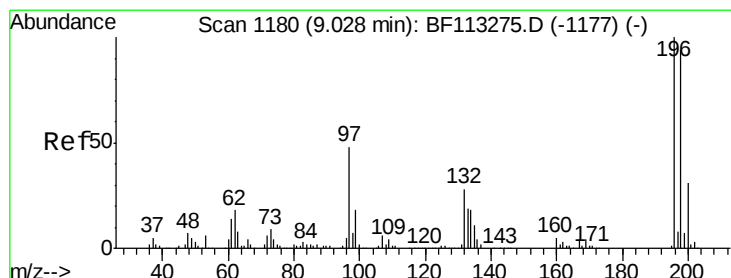
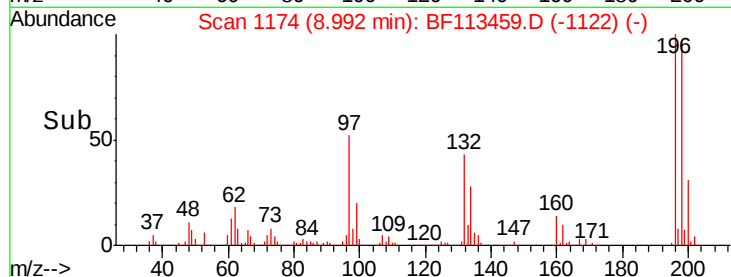
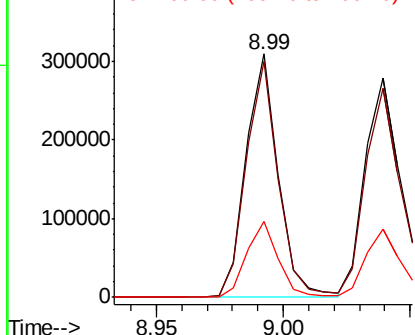


Abundance

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



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.318 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

| Tgt Ion   | 196   | Resp  | 301938 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.4  | 75.4  | 113.2  |
| 97        | 45.8  | 38.6  | 58.0   |
| 132       | 27.4  | 22.9  | 34.3   |

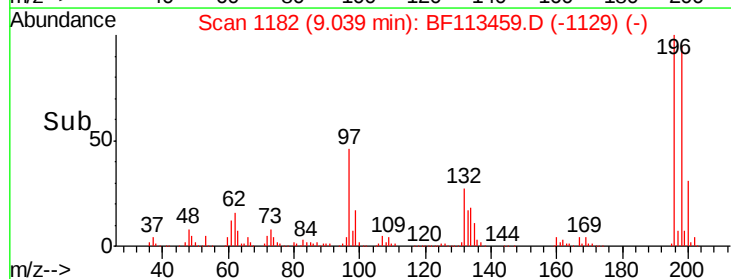
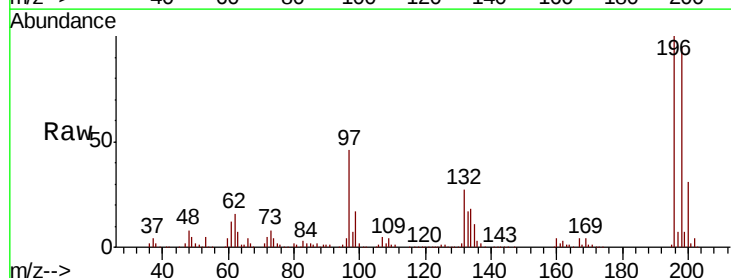
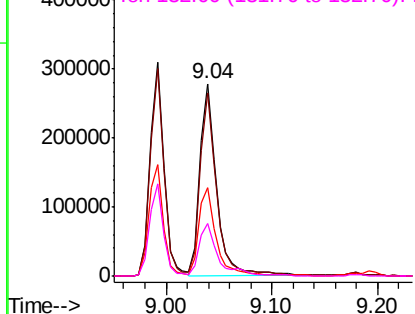
Abundance

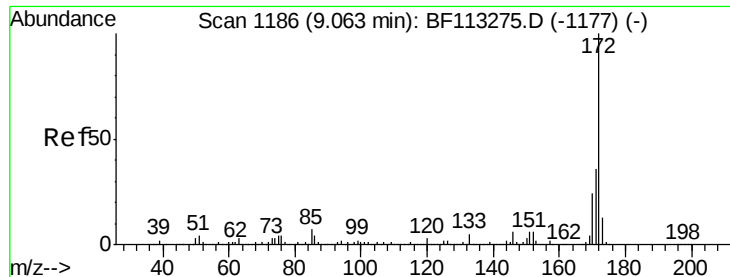
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

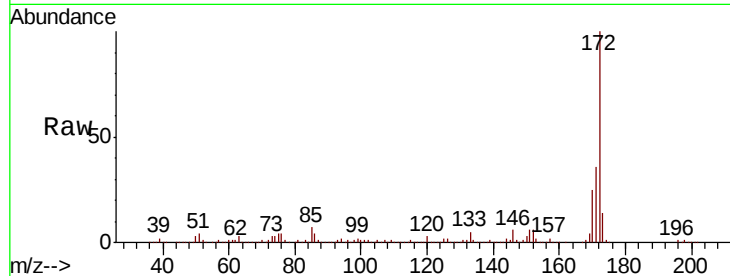




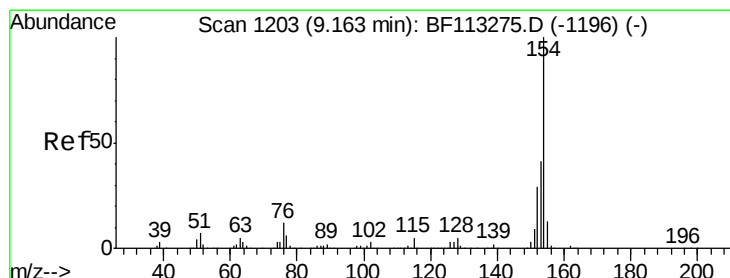
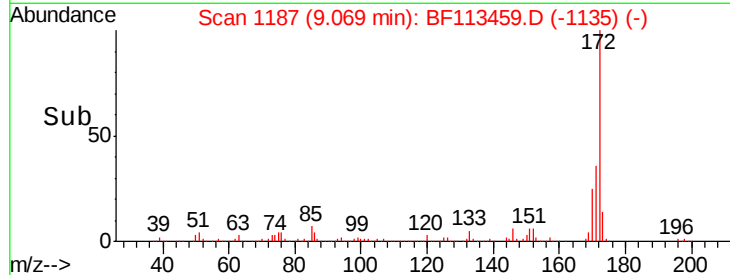
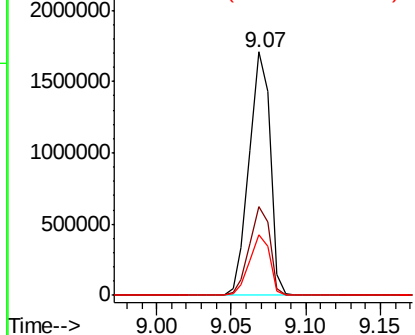
#45  
2-Fluorobiphenyl  
Concen: 77.212 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:172 Resp: 1669543  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 24.7 19.5 29.3

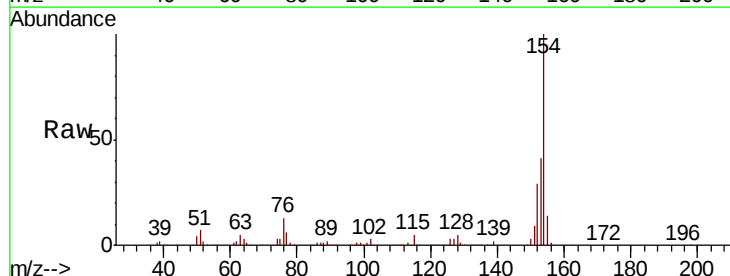


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

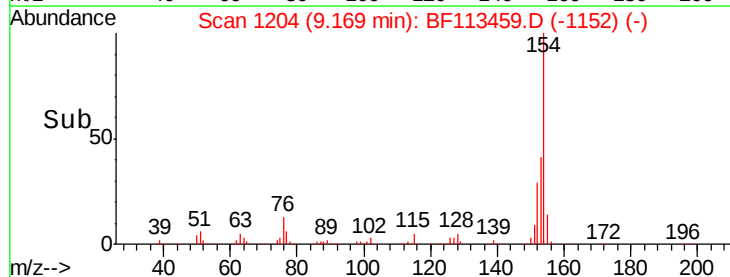
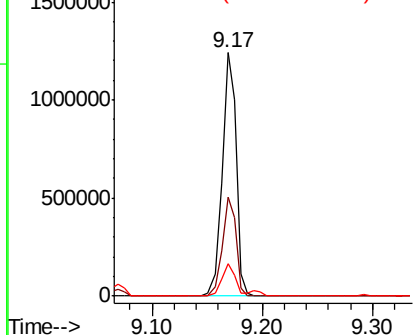


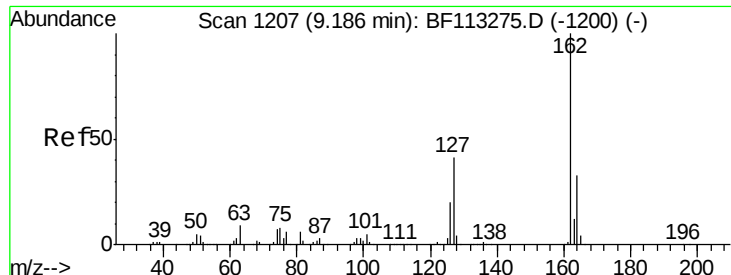
#46  
1,1'-Biphenyl  
Concen: 39.412 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:154 Resp: 1092705  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.8 60.8  
76 13.2 0.0 31.9



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

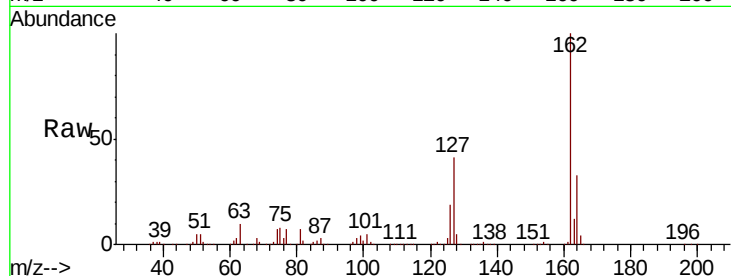




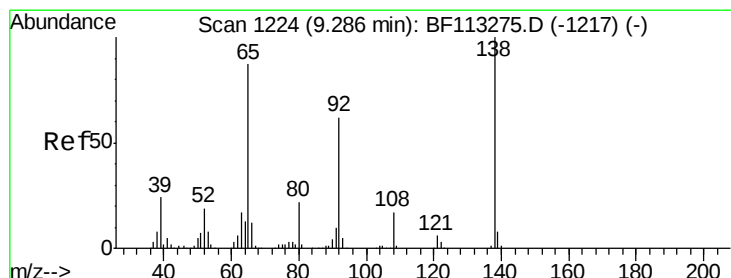
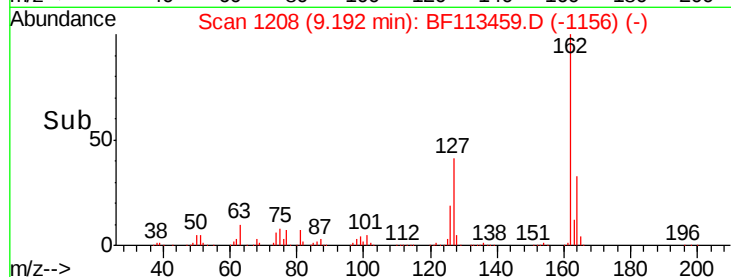
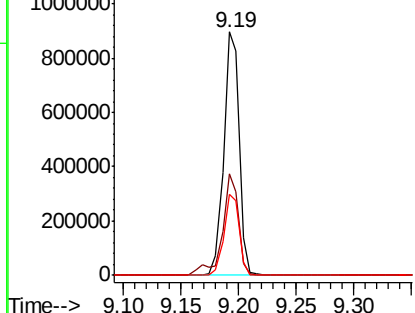
#47  
2-Chloronaphthalene  
Concen: 38.864 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:162 Resp: 829635  
Ion Ratio Lower Upper  
162 100  
127 41.5 32.6 49.0  
164 33.5 26.6 39.8

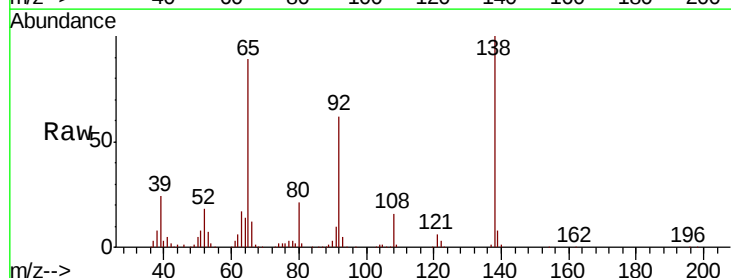


Abundance Ion 162.00 (161.70 to 162.70): E  
1200000  
Ion 127.00 (126.70 to 127.70): E  
1000000  
Ion 164.00 (163.70 to 164.70): E  
800000  
600000  
400000  
200000  
0

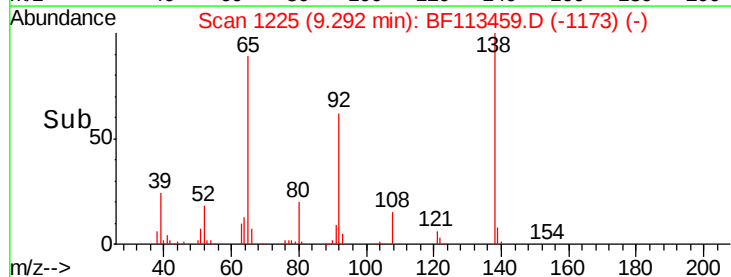
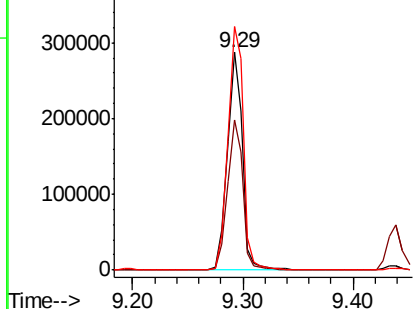


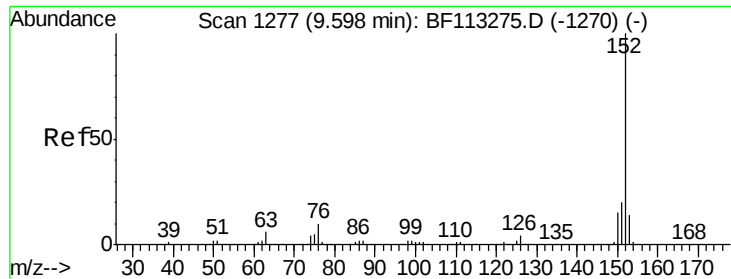
#48  
2-Nitroaniline  
Concen: 41.201 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion: 65 Resp: 276010  
Ion Ratio Lower Upper  
65 100  
92 69.1 56.8 85.2  
138 111.9 92.3 138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1  
400000  
Ion 92.00 (91.70 to 92.70): BF1  
300000  
Ion 138.00 (137.70 to 138.70): E  
200000  
100000  
0





#49

Acenaphthylene

Concen: 39.870 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

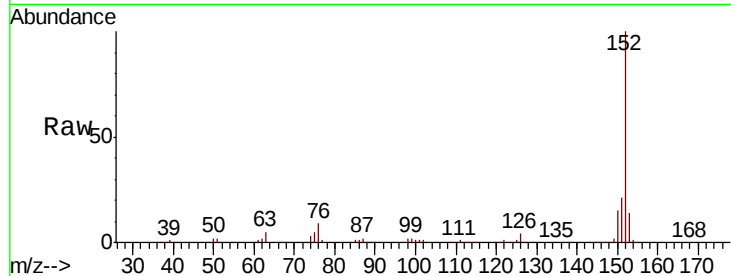
Tot Ion:152 Resp: 1376166

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

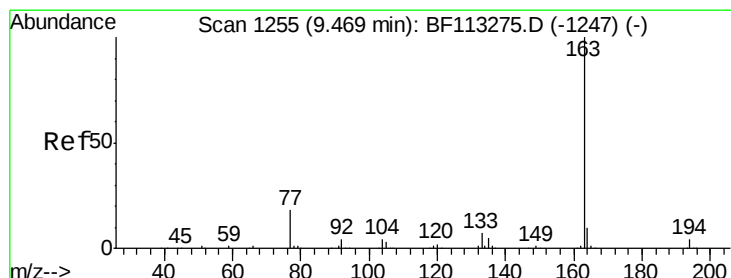
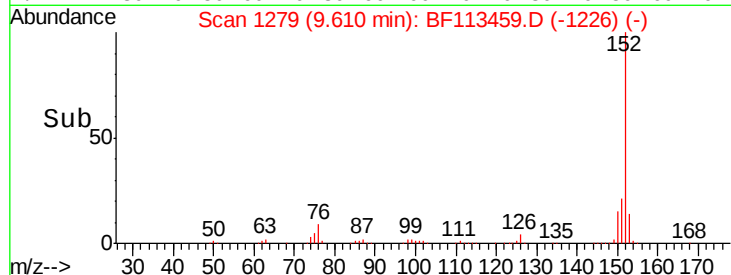
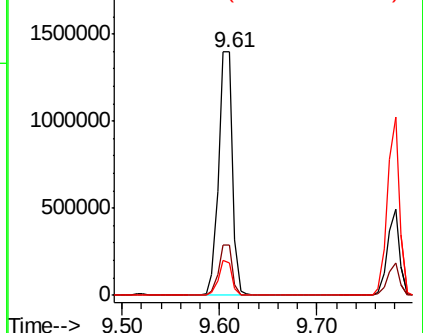
153 13.5 11.0 16.6



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



#50

Dimethylphthalate

Concen: 42.393 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

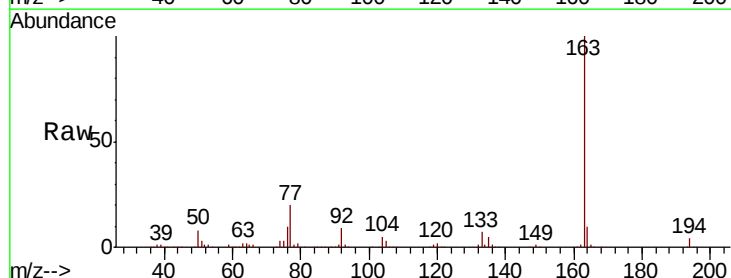
Tgt Ion:163 Resp: 1042913

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

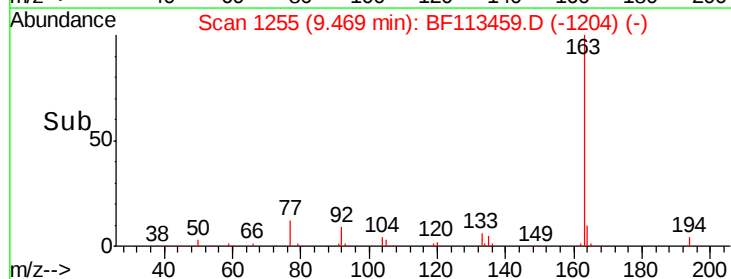
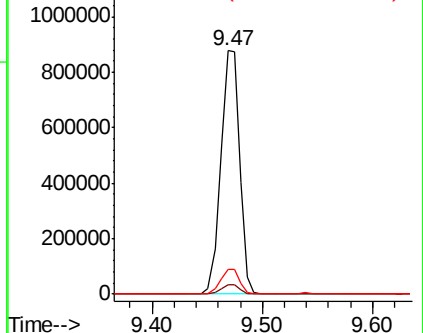
164 10.4 8.1 12.1

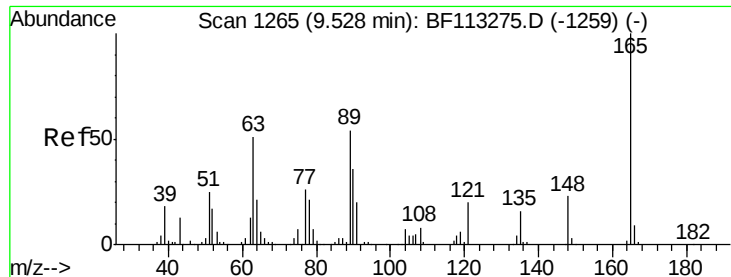


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

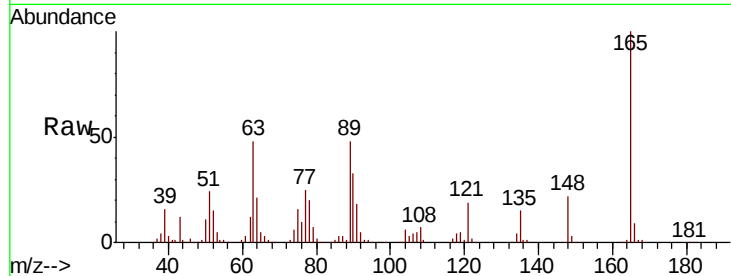




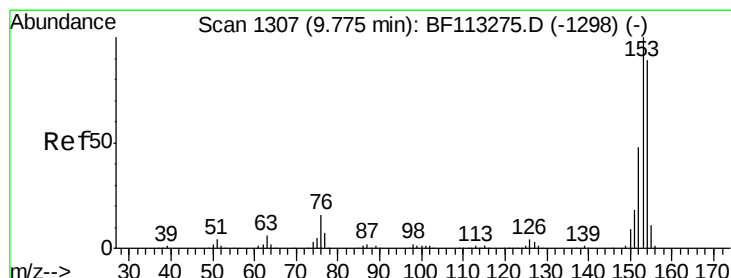
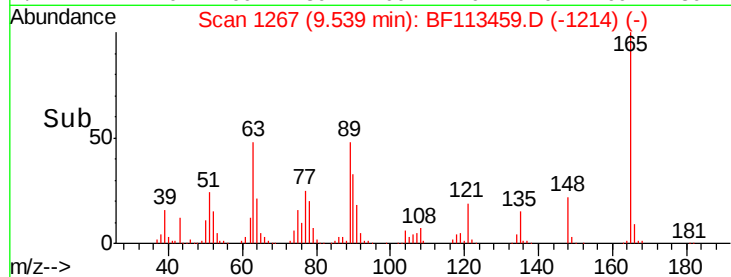
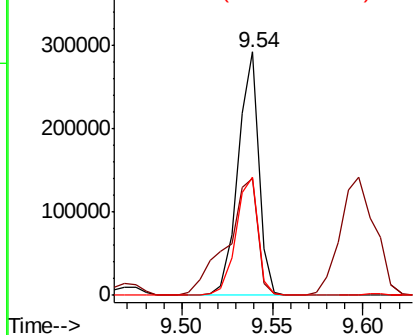
#51  
 2,6-Dinitrotoluene  
 Concen: 41.750 ng  
 RT: 9.54 min Scan# 1267  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.9  | 43.4  | 65.0  |
| 89      | 48.3  | 43.1  | 64.7  |

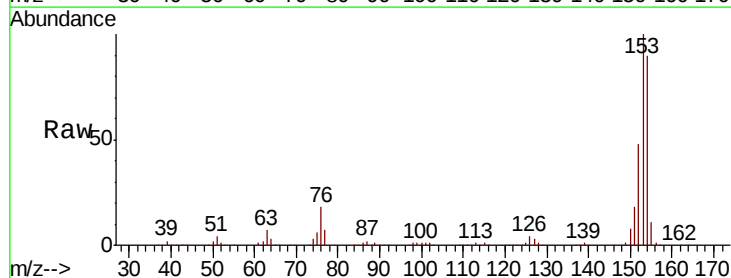


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

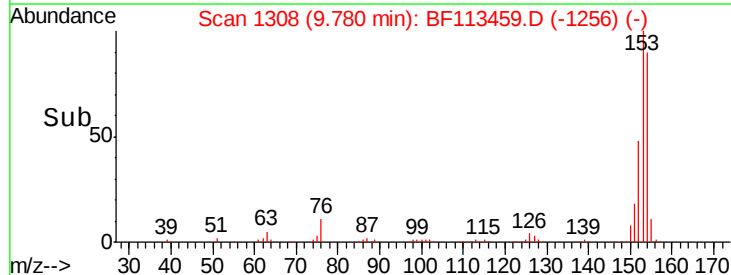
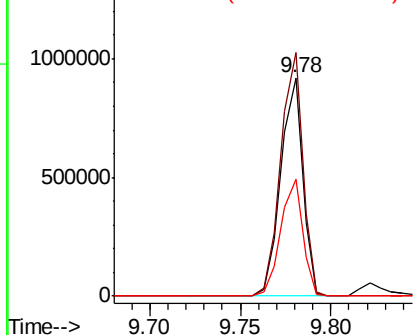


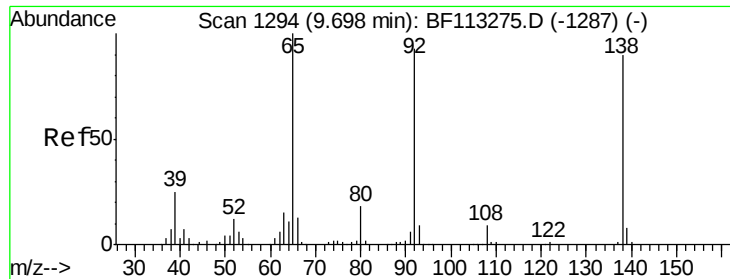
#52  
 Acenaphthene  
 Concen: 40.237 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.4 | 89.5  | 134.3 |
| 152     | 53.7  | 43.3  | 64.9  |



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

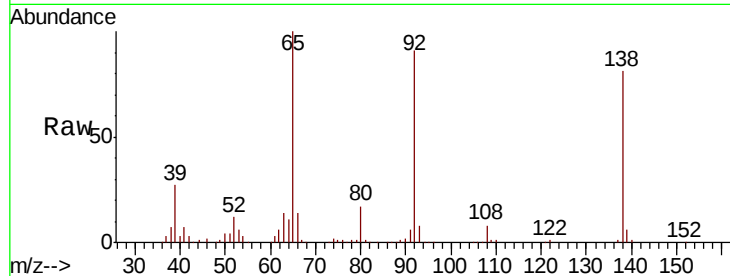




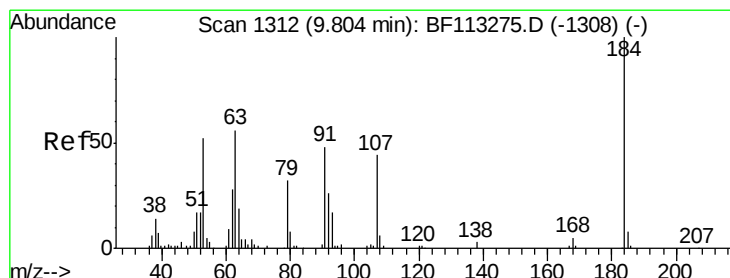
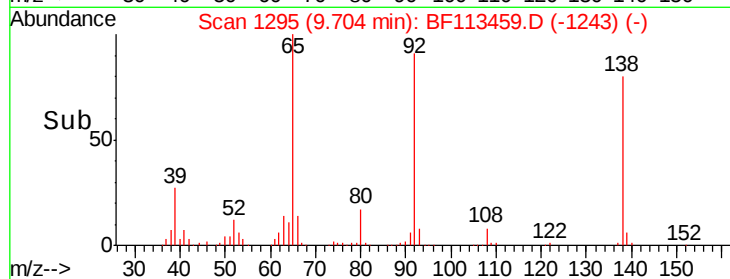
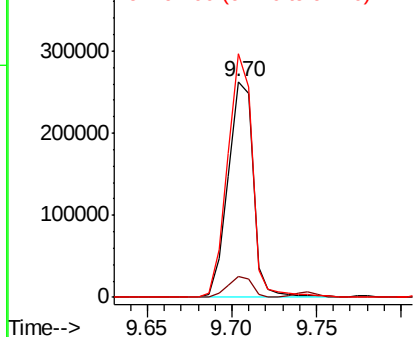
#53  
 3-Nitroaniline  
 Concen: 43.698 ng  
 RT: 9.70 min Scan# 1295  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:138 Resp: 273495  
 Ion Ratio Lower Upper  
 138 100  
 108 9.5 7.8 11.6  
 92 112.9 82.6 124.0

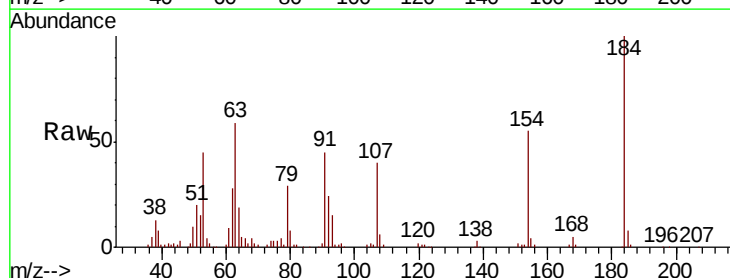


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

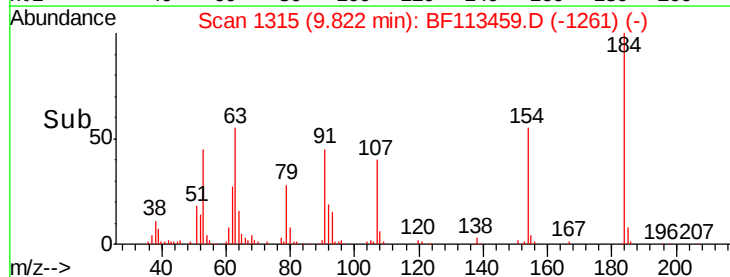
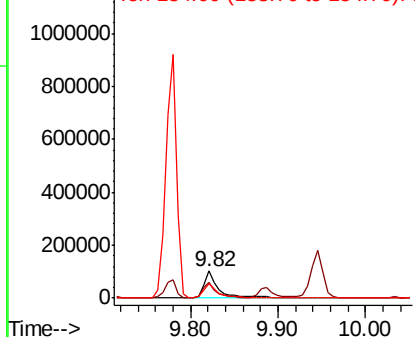


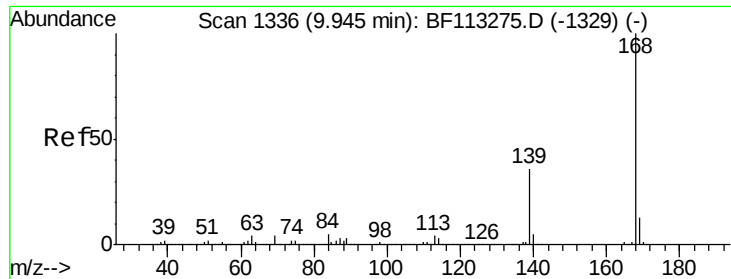
#54  
 2,4-Dinitrophenol  
 Concen: 42.799 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. 0.02 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion:184 Resp: 118138  
 Ion Ratio Lower Upper  
 184 100  
 63 58.9 54.3 81.5  
 154 55.4 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

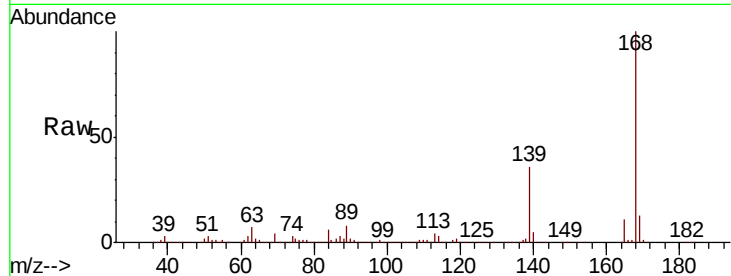




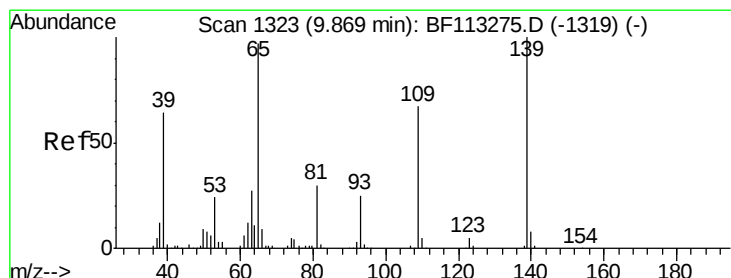
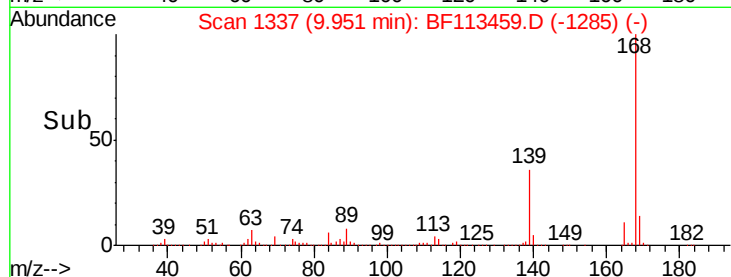
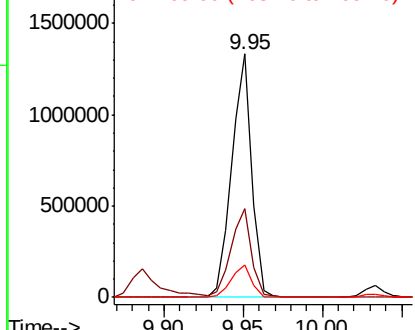
#55  
Dibenzofuran  
Concen: 39.849 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:168 Resp: 1164444  
Ion Ratio Lower Upper  
168 100  
139 36.4 29.7 44.5  
169 13.5 10.7 16.1

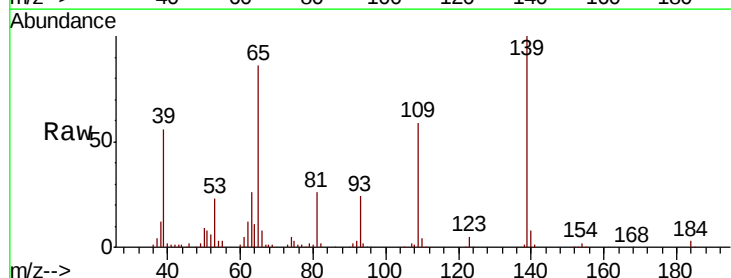


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

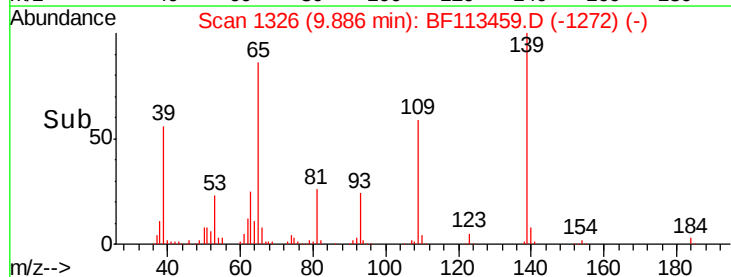
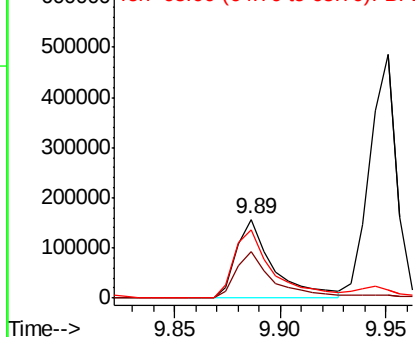


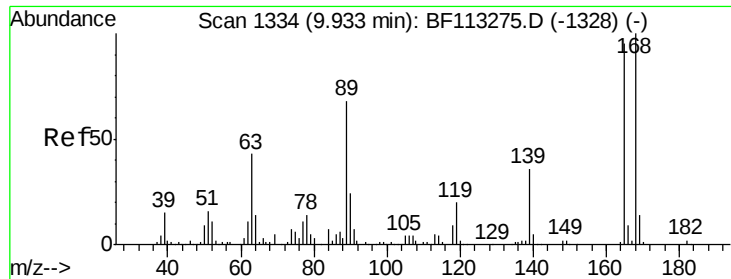
#56  
4-Nitrophenol  
Concen: 42.832 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.02 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:139 Resp: 191121  
Ion Ratio Lower Upper  
139 100  
109 59.0 46.9 86.9  
65 85.7 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

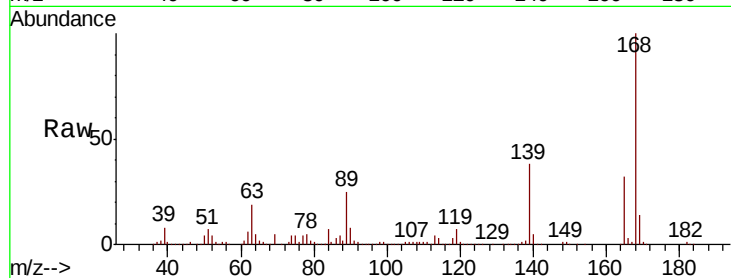




#57  
2,4-Dinitrotoluene  
Concen: 40.000 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.0  | 37.5  | 56.3# |
| 89      | 77.3  | 57.4  | 86.2  |
| 182     | 2.6   | 2.0   | 3.0   |



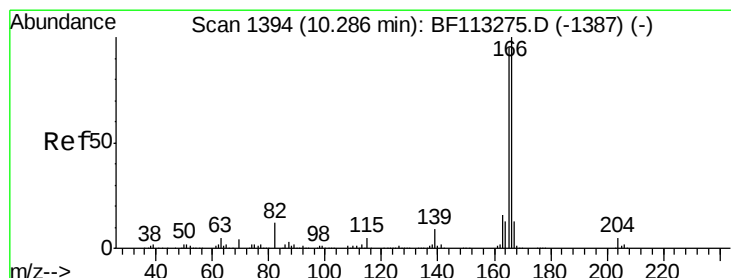
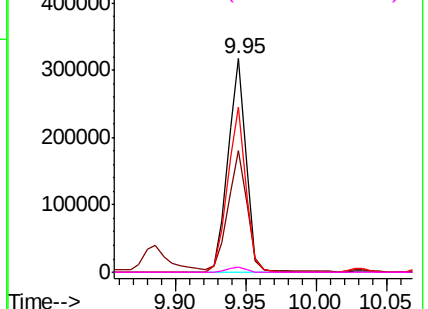
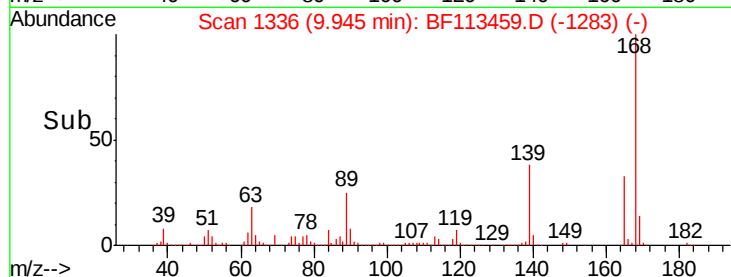
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

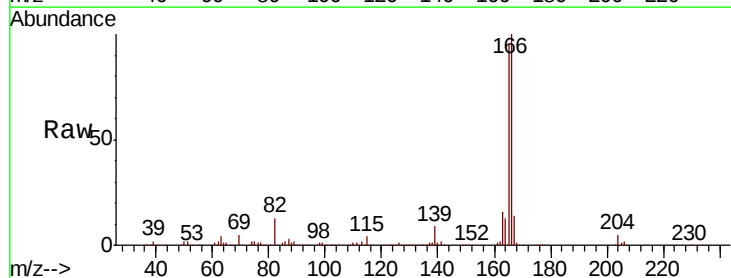
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 40.751 ng  
RT: 10.29 min Scan# 1395  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.7  | 76.2  | 114.2 |
| 167     | 14.0  | 10.7  | 16.1  |

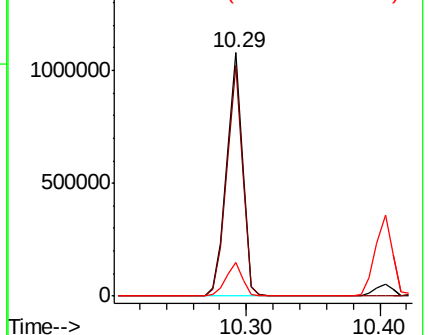
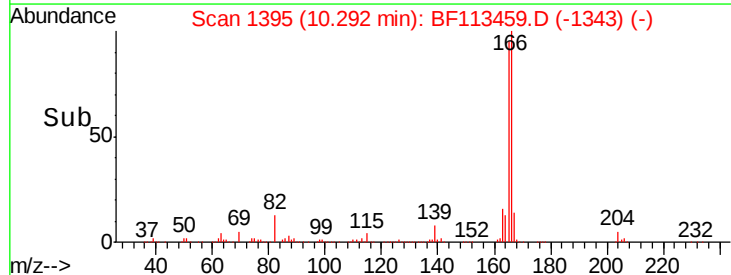


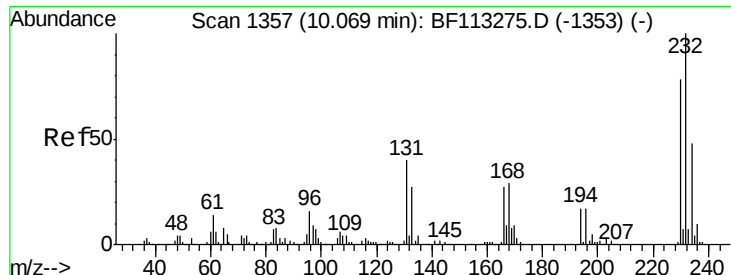
Abundance

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

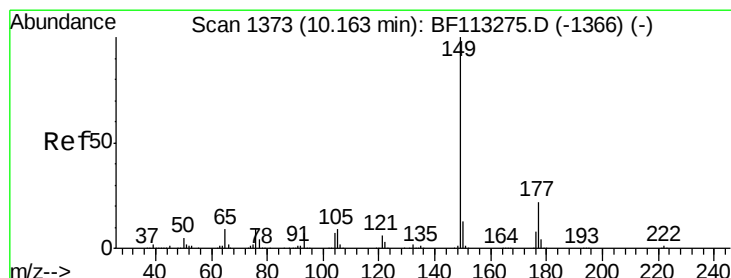
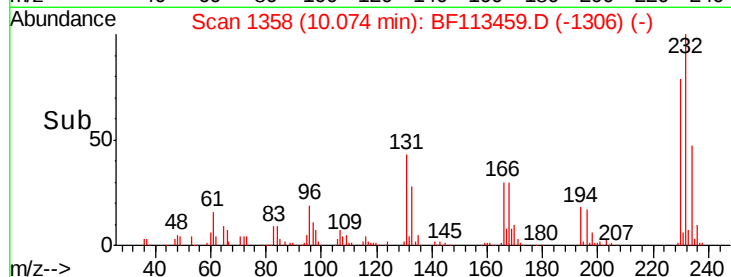
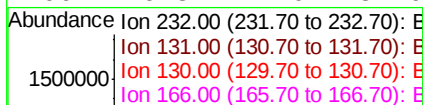
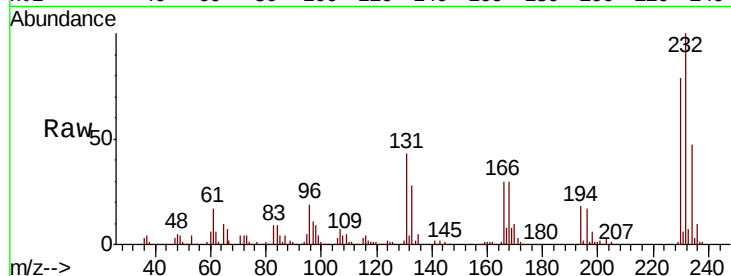




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.046 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

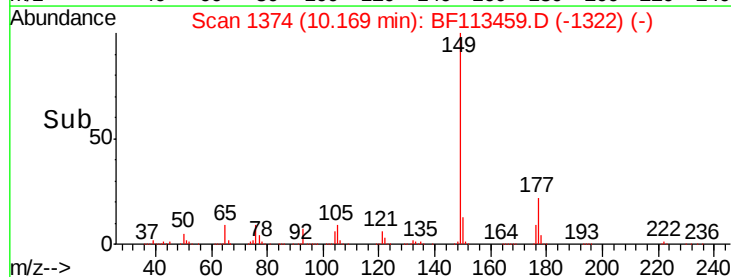
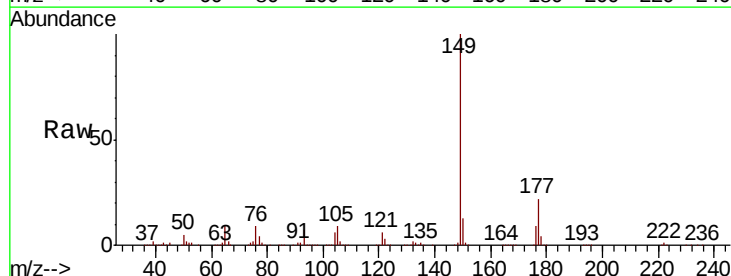
Instrument :  
 BNA\_N  
 ClientSampleId :

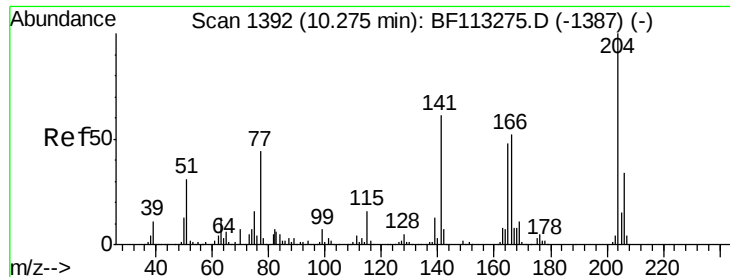
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 279543 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.2  | 33.2  | 49.8   |
| 130      | 1.9   | 1.6   | 2.4    |
| 166      | 26.3  | 21.0  | 31.6   |



#60  
 Diethylphthalate  
 Concen: 42.319 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1021295 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.3  | 17.4  | 26.0    |
| 150      | 12.9  | 10.0  | 15.0    |

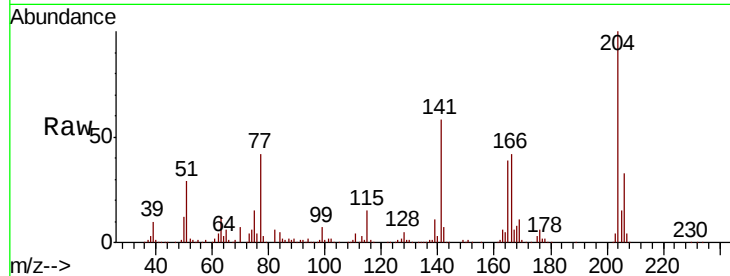




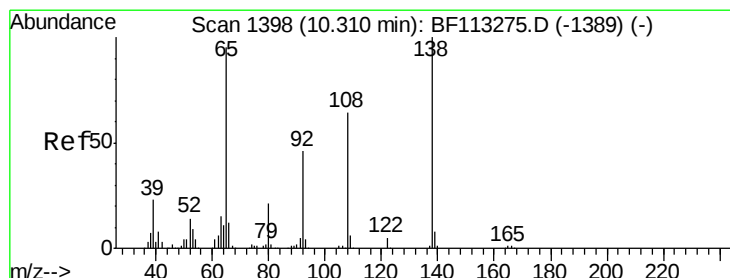
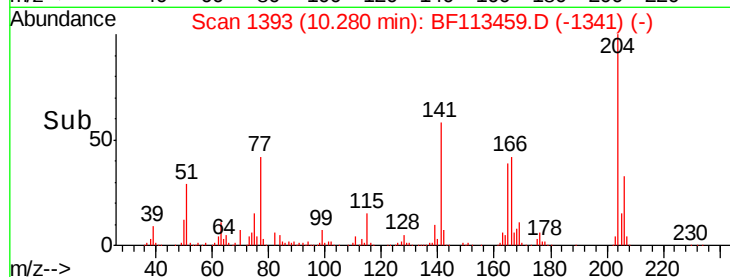
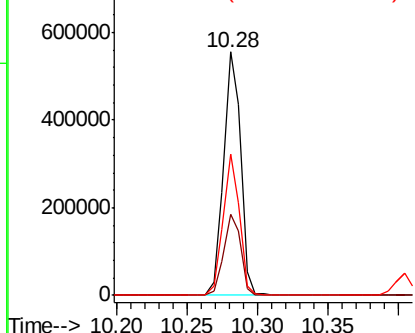
#61  
4-Chlorophenyl-phenylether  
Concen: 42.224 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:204 Resp: 467163  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.9 40.3  
141 57.9 48.8 73.2

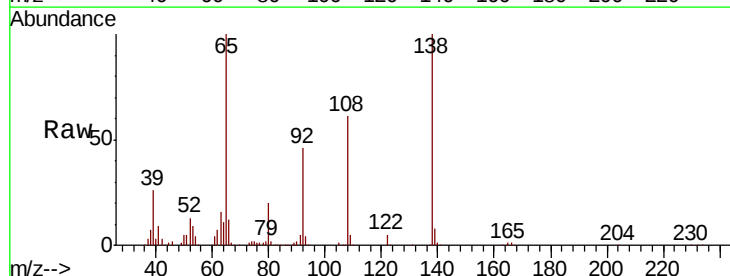


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

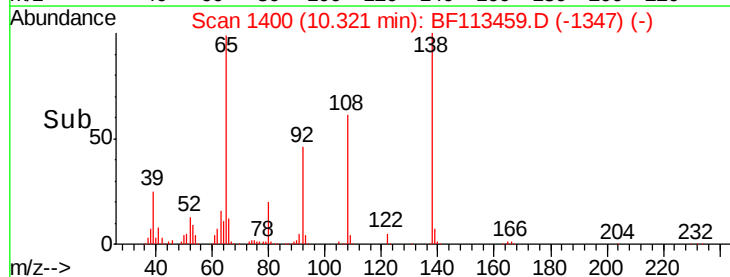
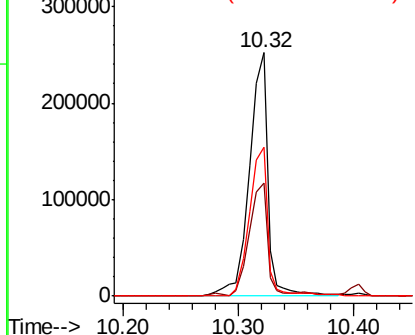


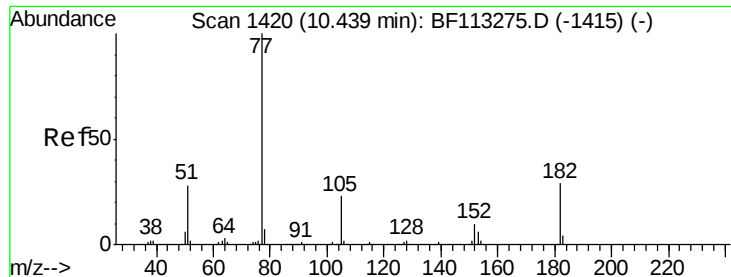
#62  
4-Nitroaniline  
Concen: 43.843 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:138 Resp: 282519  
Ion Ratio Lower Upper  
138 100  
92 46.4 25.8 65.8  
108 61.3 44.0 84.0



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

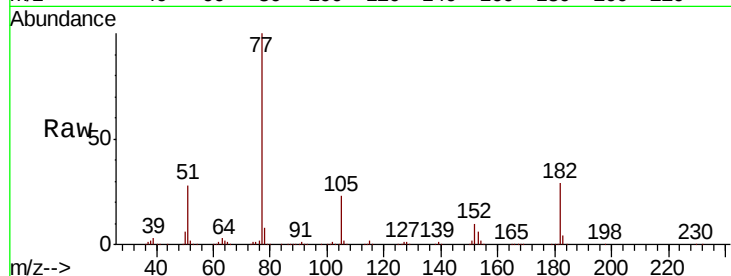




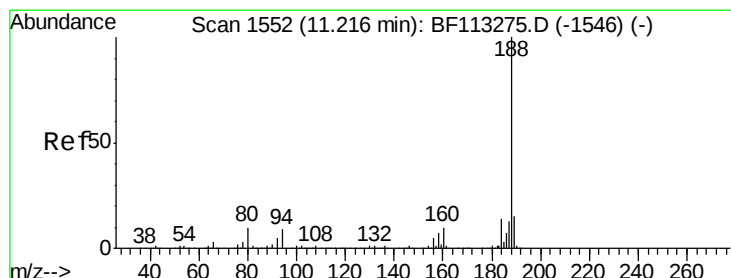
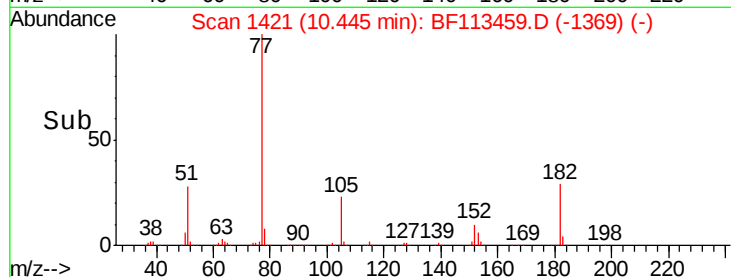
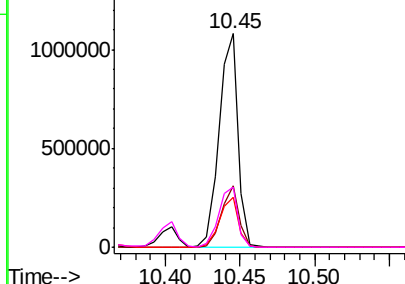
#63  
Azobenzene  
Concen: 42.107 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 956563 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.7  | 8.7   | 48.7   |
| 105      | 23.3  | 2.9   | 42.9   |
| 51       | 28.2  | 8.8   | 48.8   |

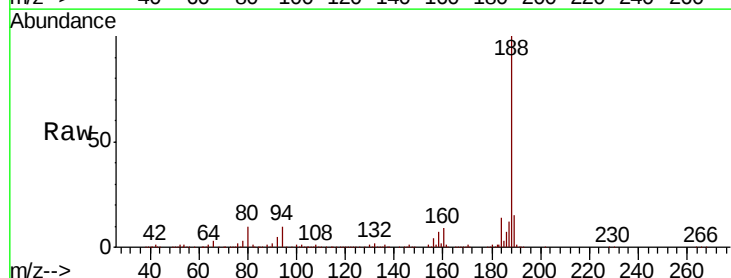


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

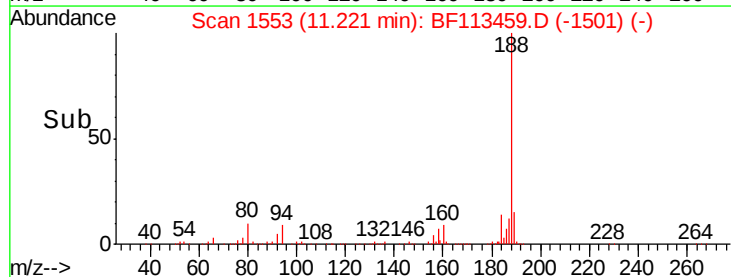
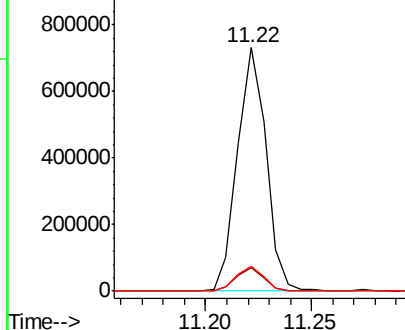


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 689953 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.7   | 7.0   | 10.6   |
| 80       | 10.2  | 7.7   | 11.5   |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 33.697 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

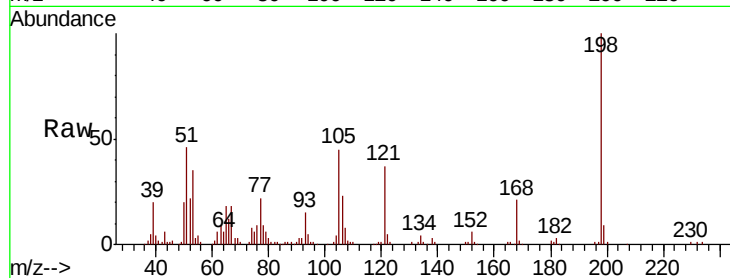
Tot Ion:198 Resp: 127184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 45.9  | 21.6  | 61.6  |
| 105 | 44.7  | 20.6  | 60.6  |

198 100

51 45.9 21.6 61.6

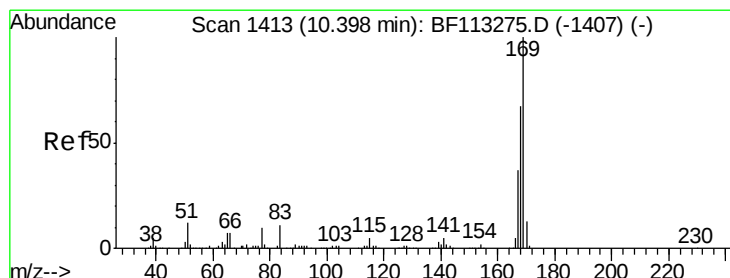
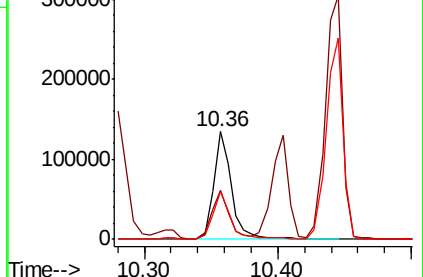
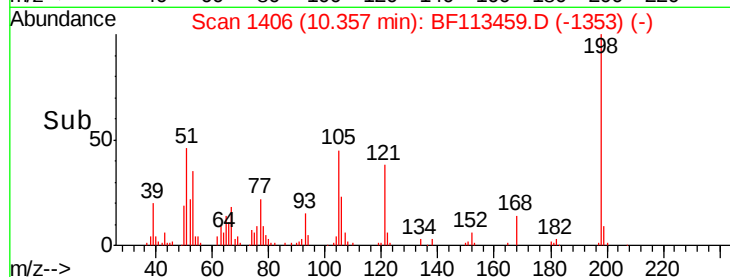
105 44.7 20.6 60.6



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



#66

n-Nitrosodiphenylamine

Concen: 40.479 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

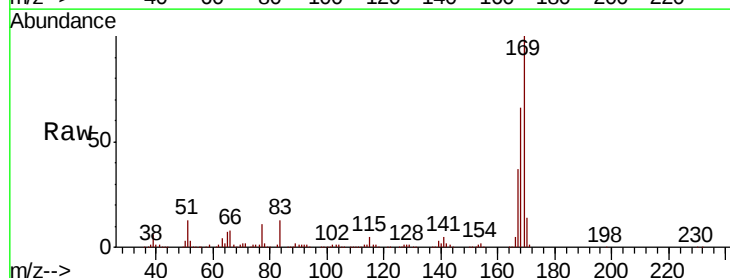
Tgt Ion:169 Resp: 857003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.3  | 53.7  | 80.5  |
| 167 | 36.7  | 29.5  | 44.3  |

169 100

168 66.3 53.7 80.5

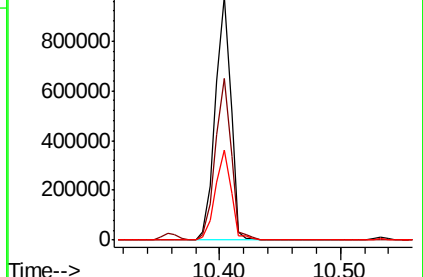
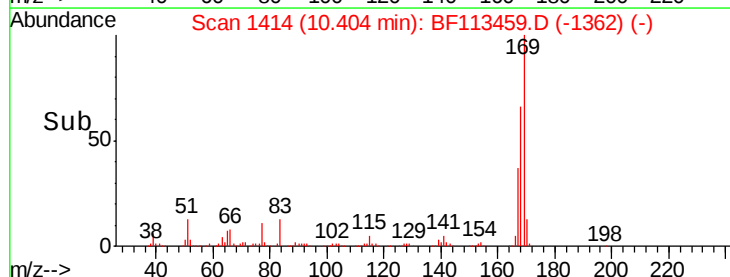
167 36.7 29.5 44.3

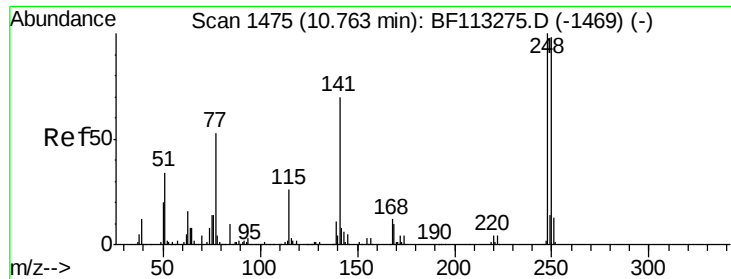


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

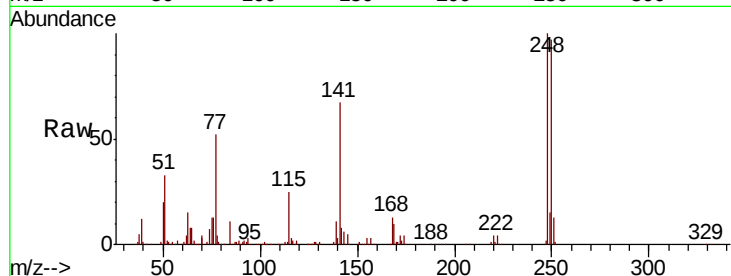




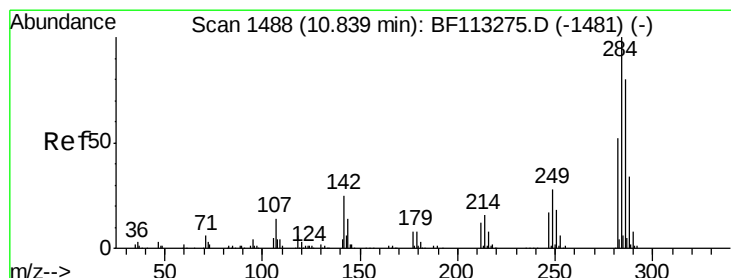
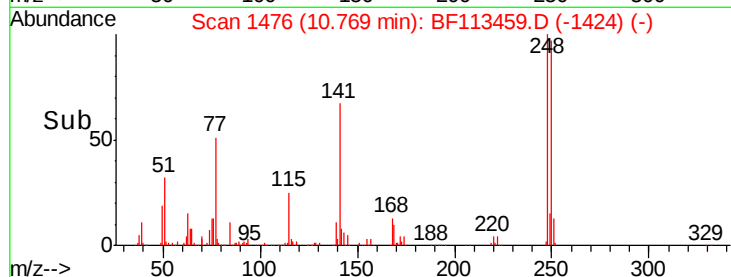
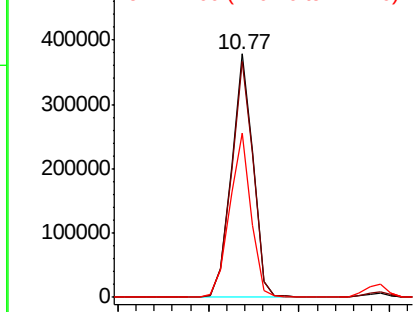
#67  
4-Bromophenyl-phenylether  
Concen: 41.884 ng  
RT: 10.77 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:248 Resp: 314962  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.3 117.5  
141 67.5 56.2 84.4

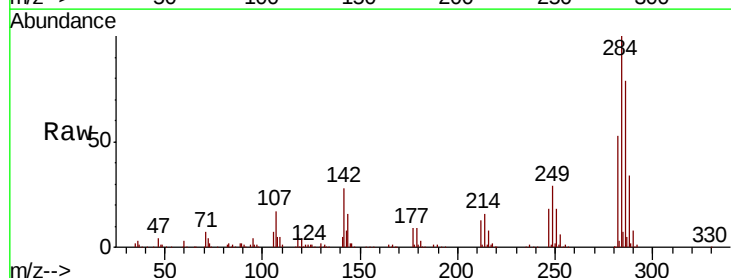


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

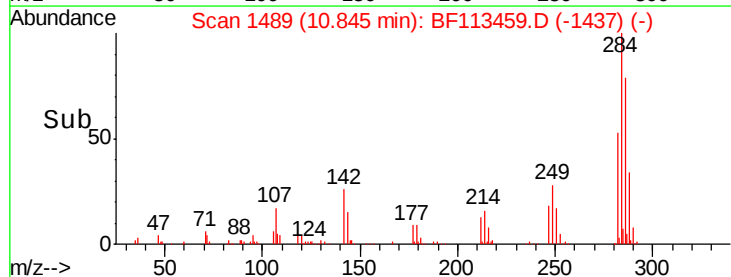
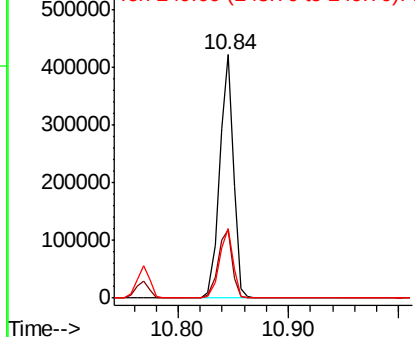


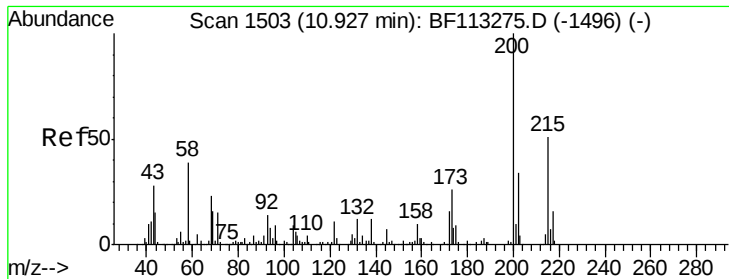
#68  
Hexachlorobenzene  
Concen: 42.082 ng  
RT: 10.84 min Scan# 1489  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:284 Resp: 367320  
Ion Ratio Lower Upper  
284 100  
142 27.9 20.1 30.1  
249 28.7 22.7 34.1



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





#69

Atrazine

Concen: 42.078 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampled :

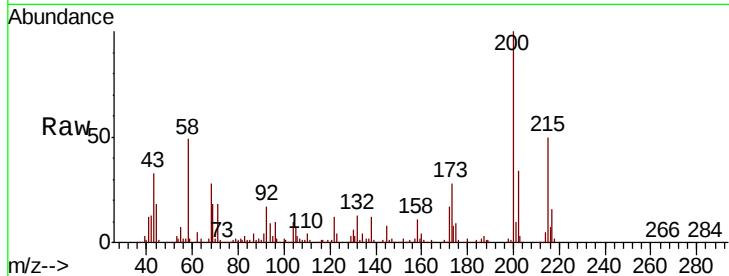
Tot Ion:200 Resp: 281186

Ion Ratio Lower Upper

200 100

173 27.8 6.0 46.0

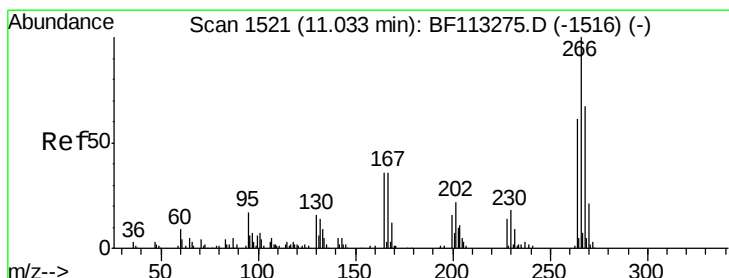
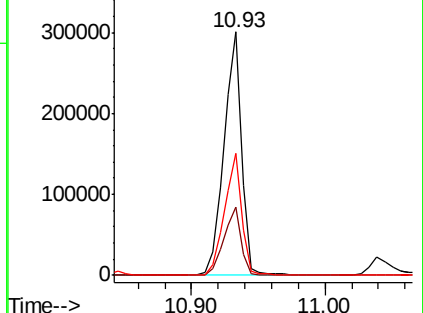
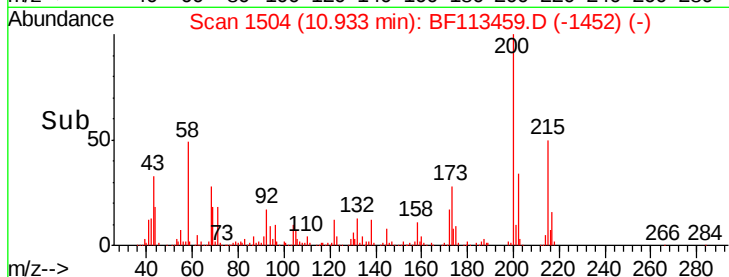
215 50.0 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.742 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

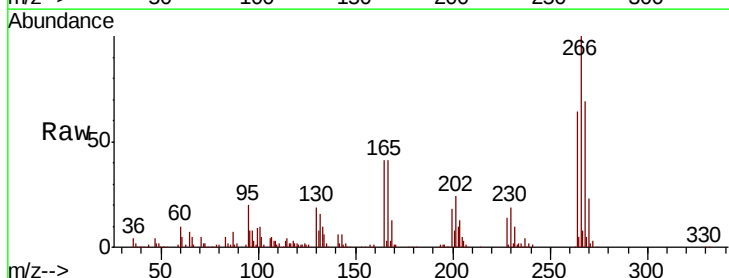
Tgt Ion:266 Resp: 180734

Ion Ratio Lower Upper

266 100

268 68.6 53.8 80.6

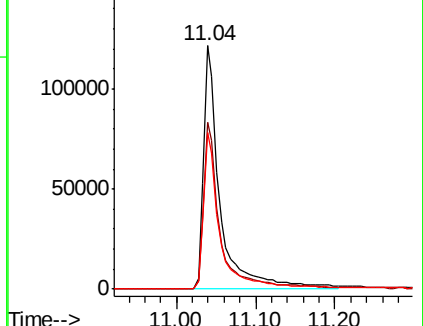
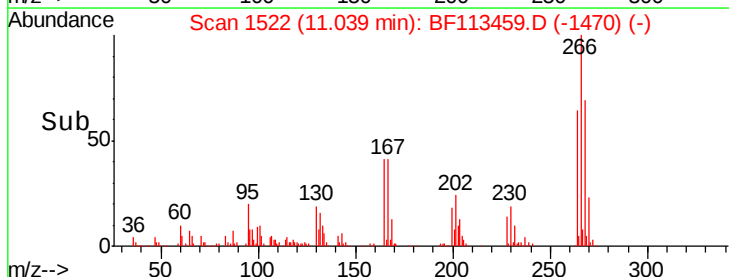
264 64.2 49.2 73.8

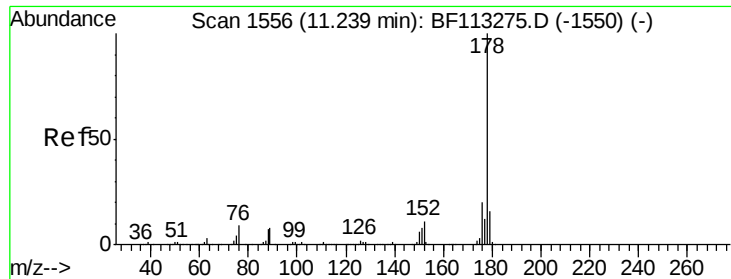


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

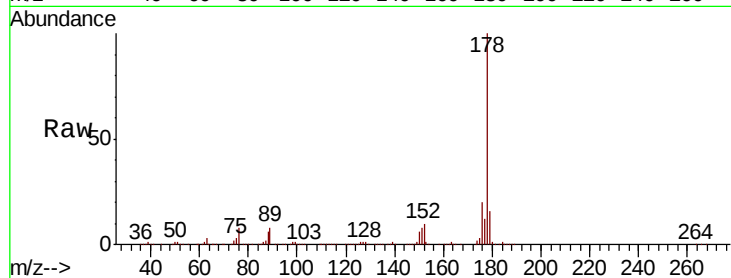




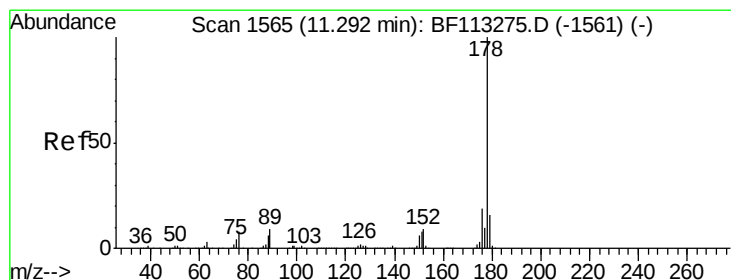
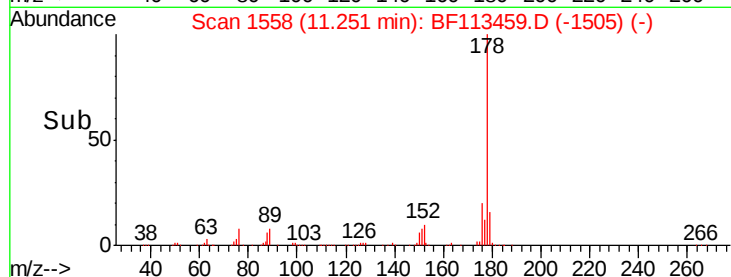
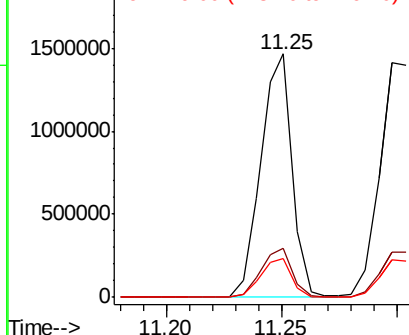
#71  
Phenanthrene  
Concen: 40.396 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:178 Resp: 1384103  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.2 24.2  
179 15.8 12.7 19.1

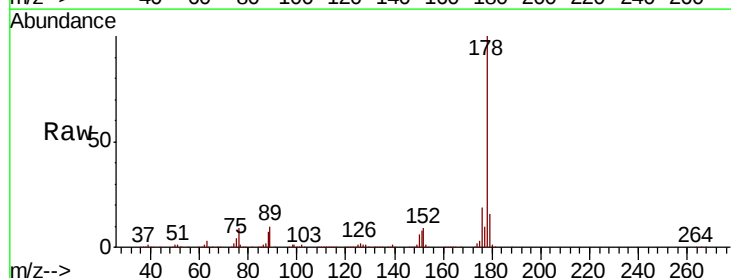


Abundance Ion 178.00 (177.70 to 178.70): E  
2000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

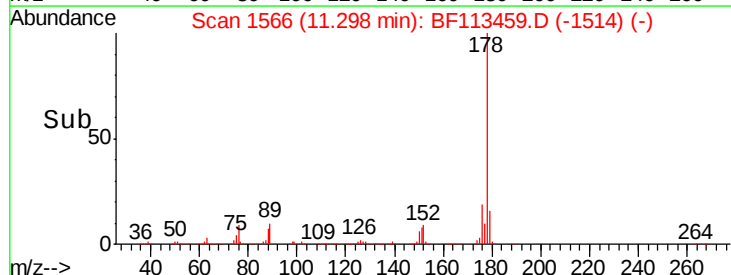
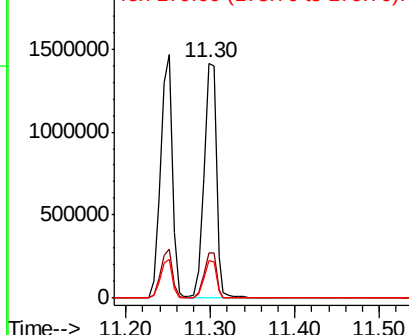


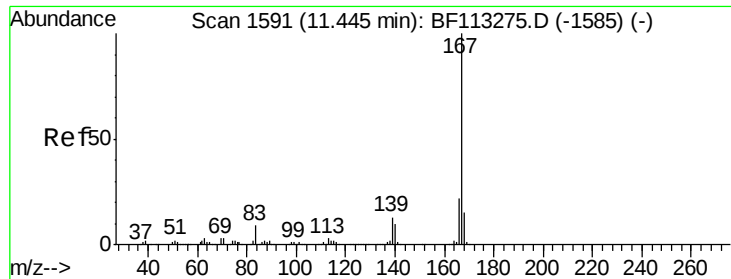
#72  
Anthracene  
Concen: 41.290 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:178 Resp: 1436982  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E  
2000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

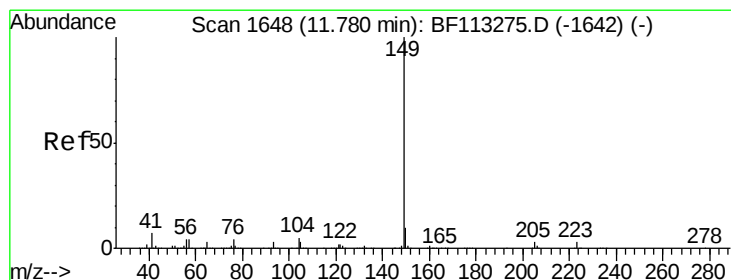
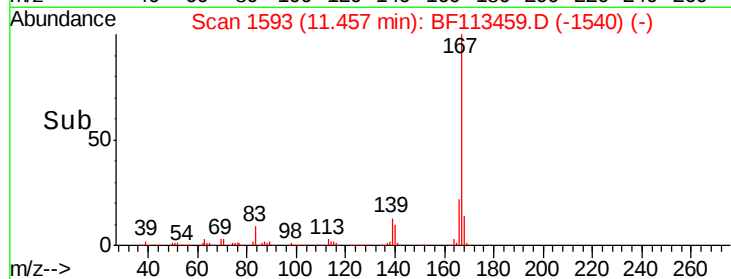
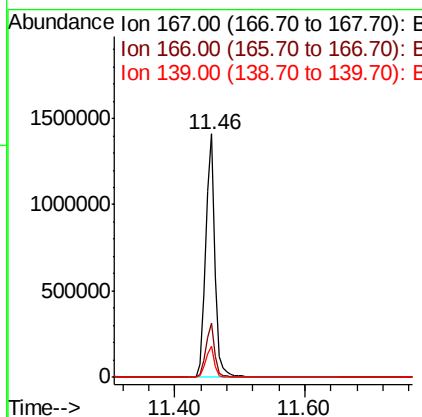
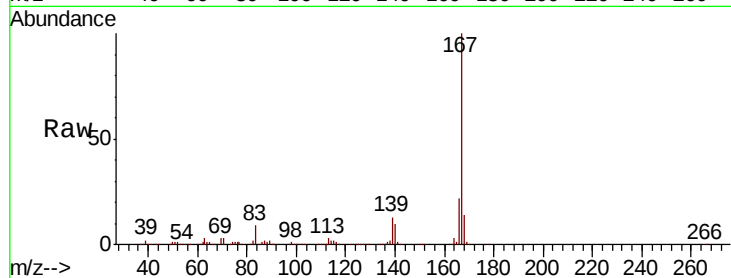




#73  
 Carbazole  
 Concen: 41.580 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

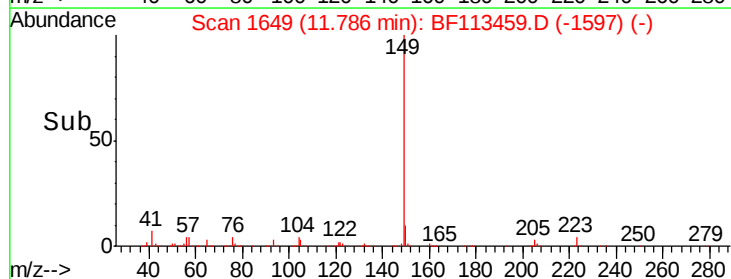
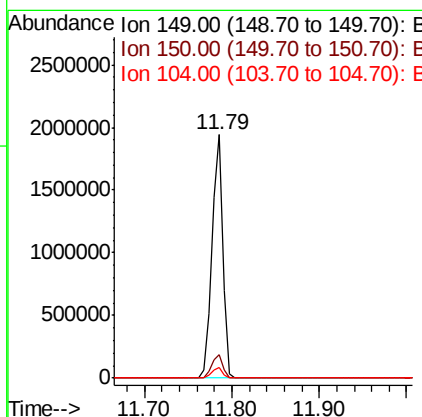
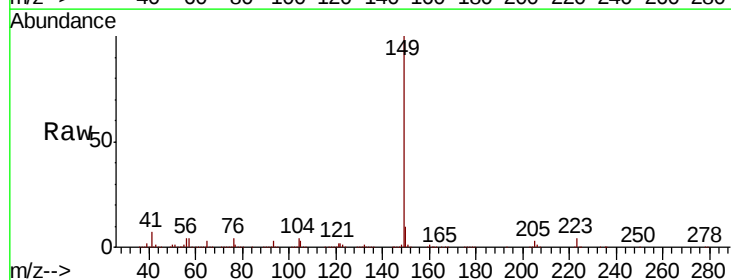
Instrument :  
 BNA\_N  
 ClientSampleId :

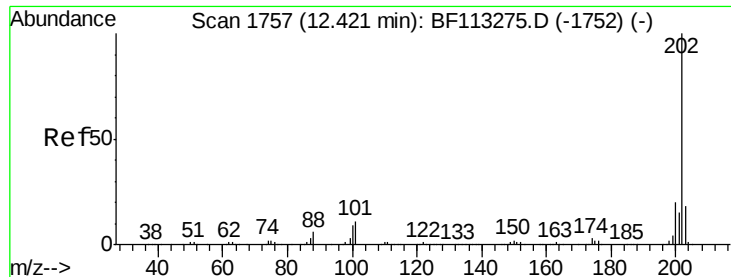
Tot Ion:167 Resp: 1380830  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 12.7 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 43.392 ng  
 RT: 11.79 min Scan# 1649  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 1671046  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.7 11.5  
 104 4.4 3.7 5.5

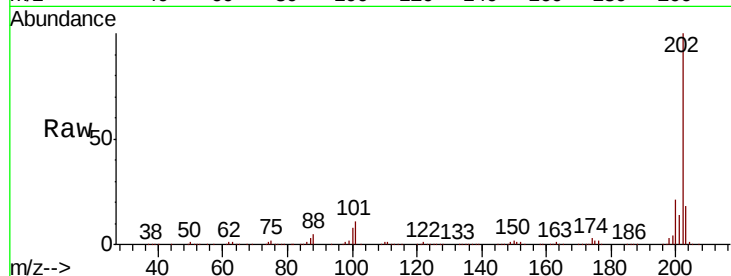




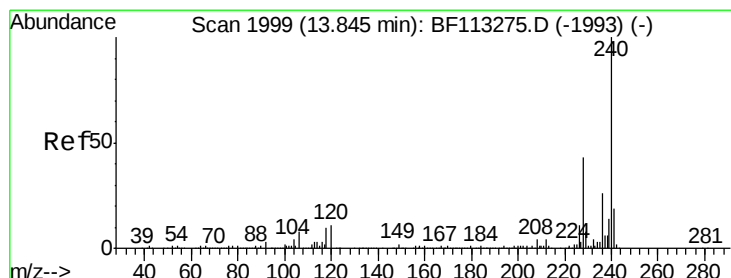
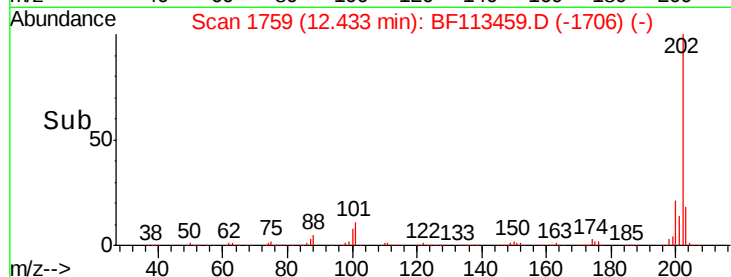
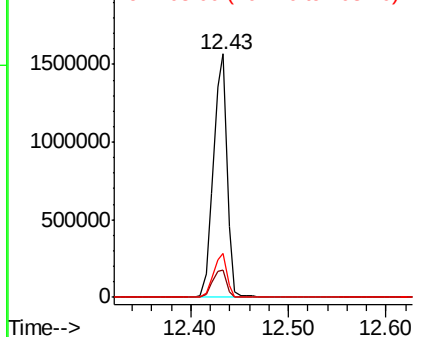
#75  
 Fluoranthene  
 Concen: 39.140 ng  
 RT: 12.43 min Scan# 1759  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:202 Resp: 1516032  
 Ion Ratio Lower Upper  
 202 100  
 101 10.9 0.0 31.4  
 203 18.2 0.0 38.0

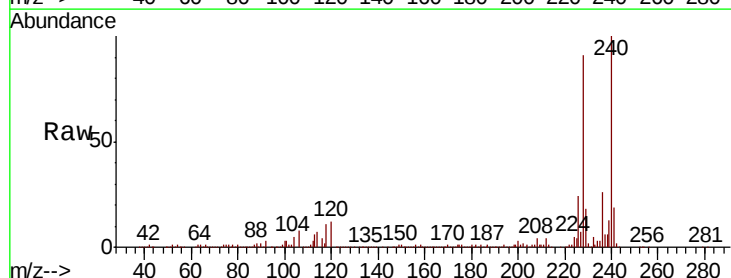


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

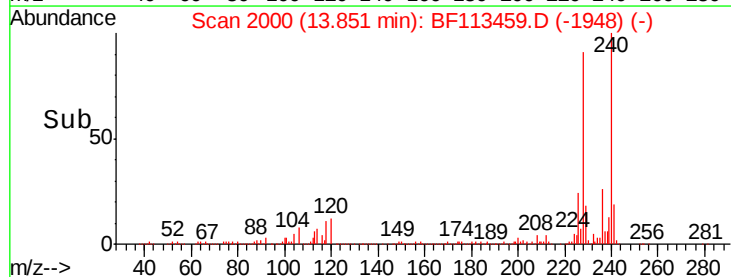
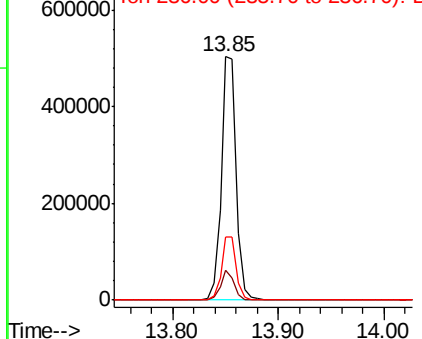


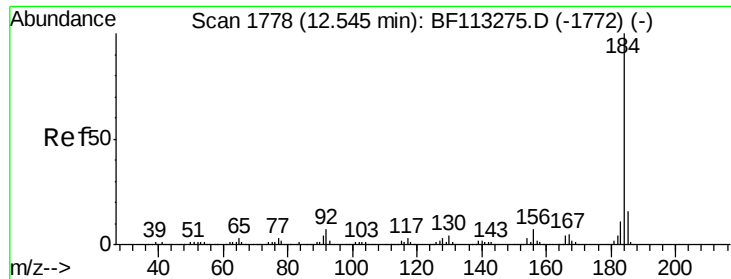
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion:240 Resp: 496323  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 8.8 13.2  
 236 26.1 20.9 31.3



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





#77

Benzidine

Concen: 50.824 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

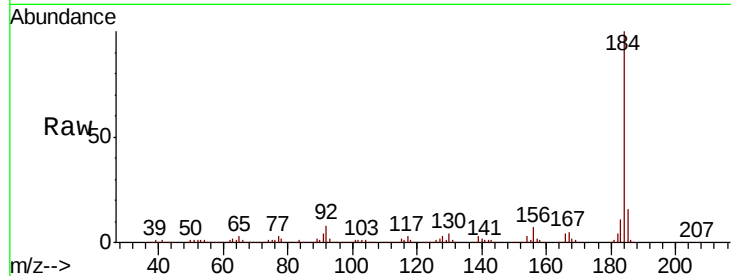
Tot Ion:184 Resp: 965991

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

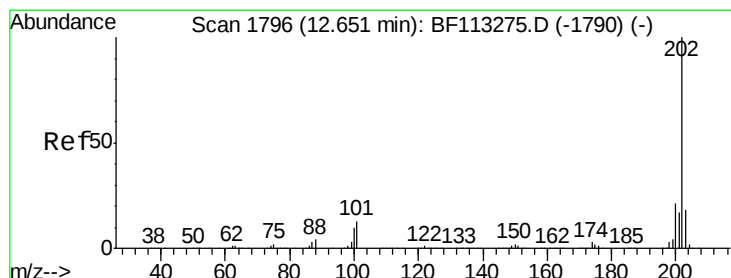
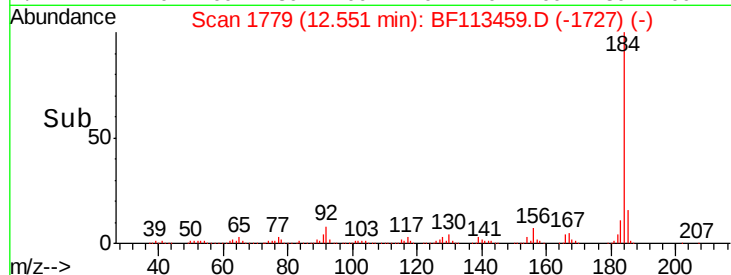
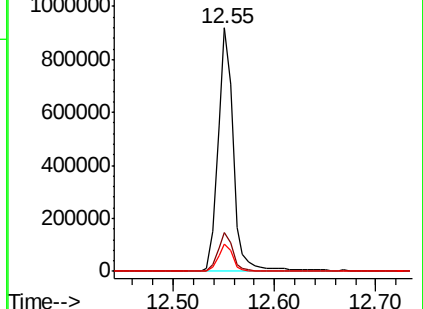
183 11.1 9.0 13.4



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



#78

Pyrene

Concen: 44.164 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

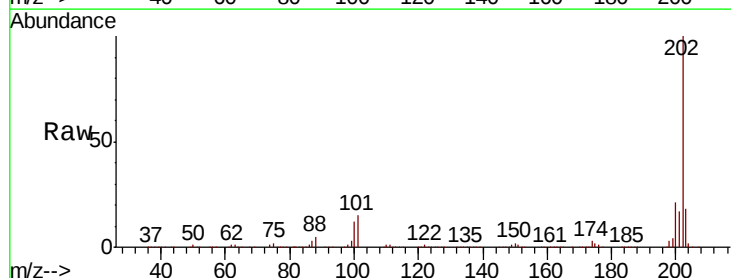
Tgt Ion:202 Resp: 1518960

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

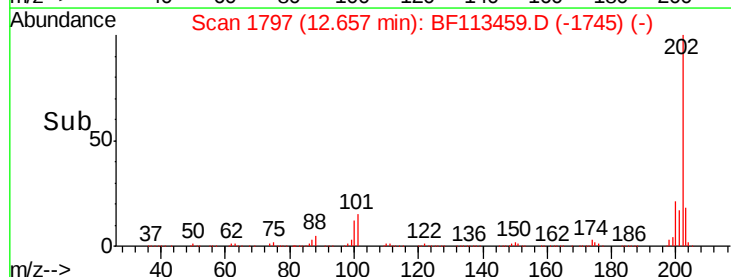
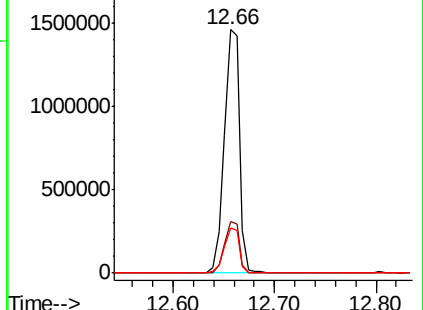
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



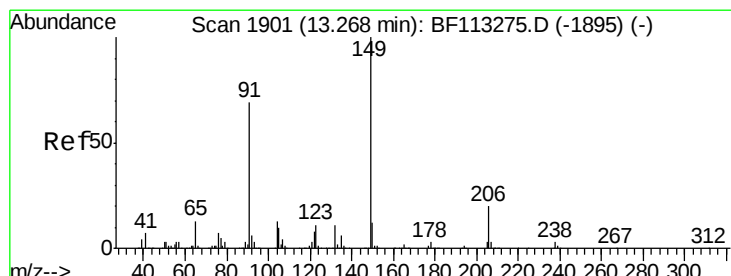
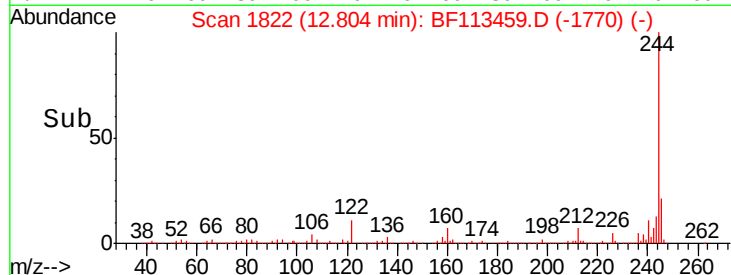
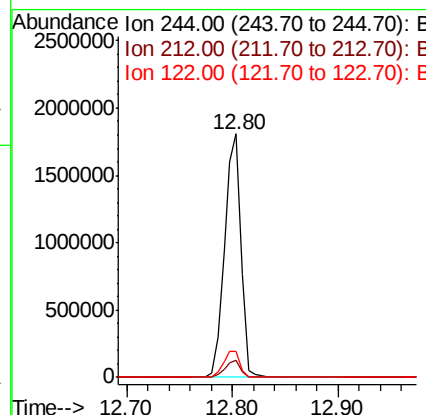
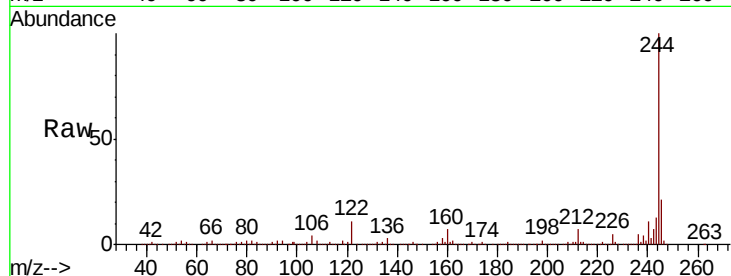


#79  
 Terphenyl-d14  
 Concen: 87.438 ng  
 RT: 12.80 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:244 Resp: 1968885  

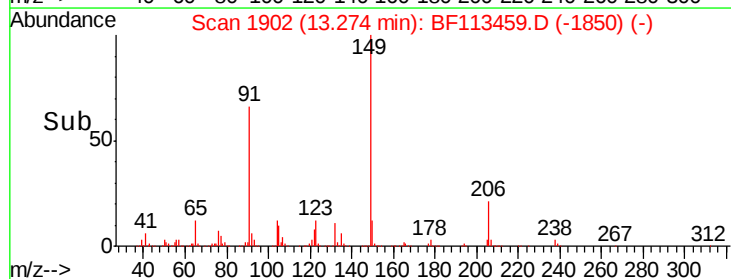
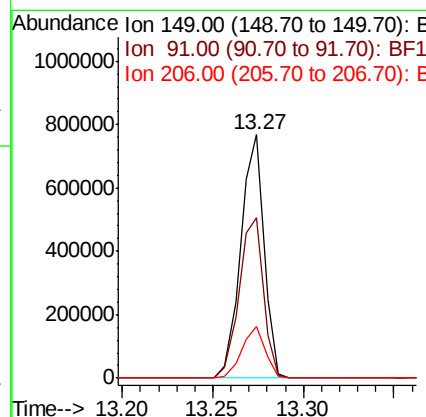
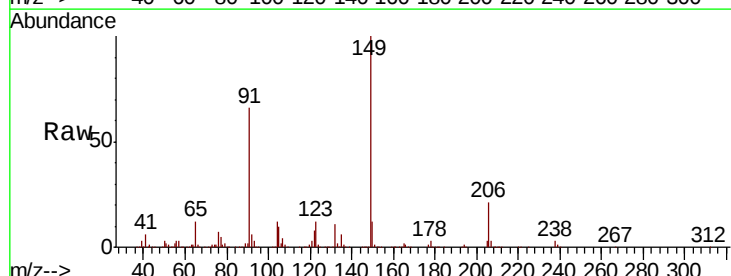
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.5   | 8.3   |
| 122 | 10.9  | 8.6   | 13.0  |

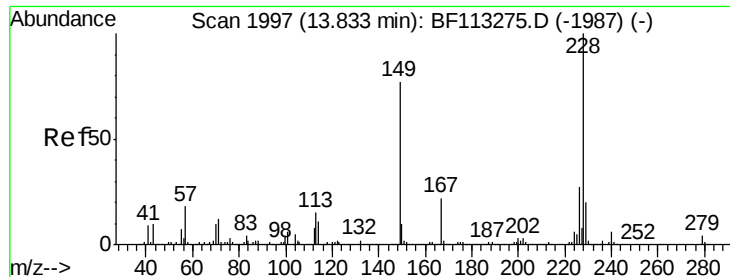


#80  
 Butylbenzylphthalate  
 Concen: 45.317 ng  
 RT: 13.27 min Scan# 1902  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 686891  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 65.8  | 55.2  | 82.8  |
| 206 | 21.2  | 16.1  | 24.1  |





#81

Benzo(a)anthracene

Concen: 40.578 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

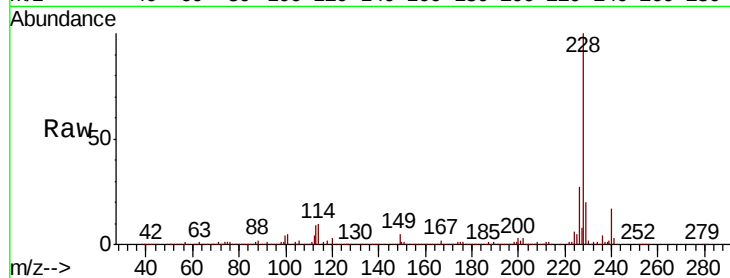
Tot Ion:228 Resp: 1152846

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

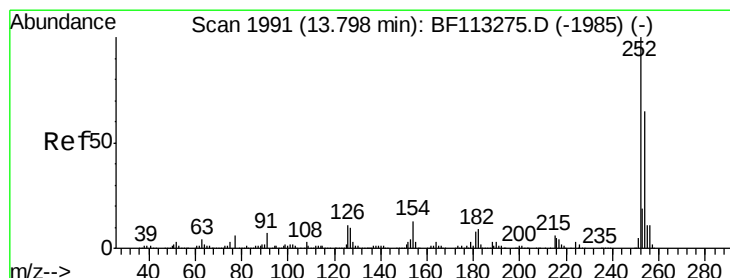
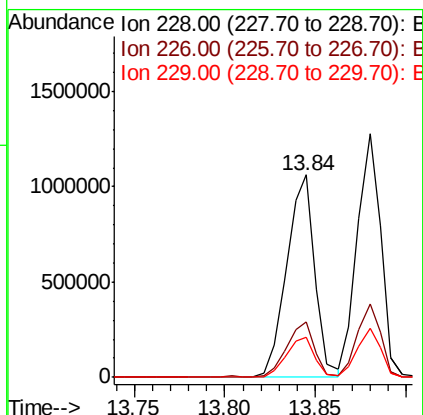
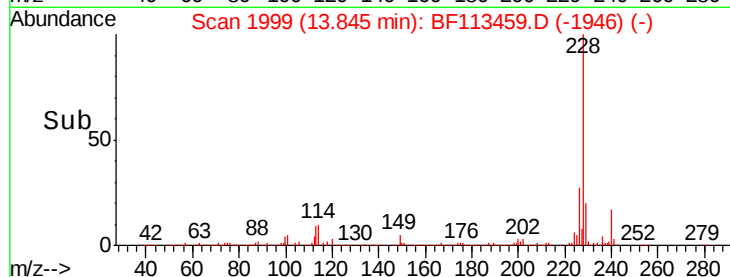
229 20.0 16.2 24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 42.965 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

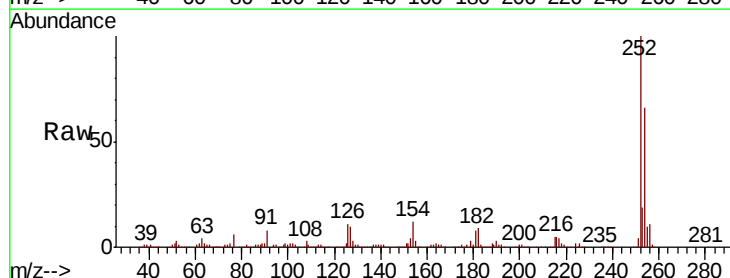
Tgt Ion:252 Resp: 489683

Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.2

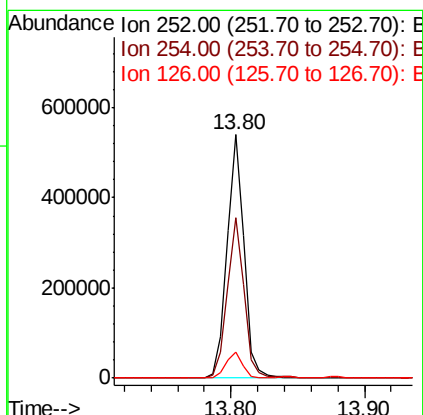
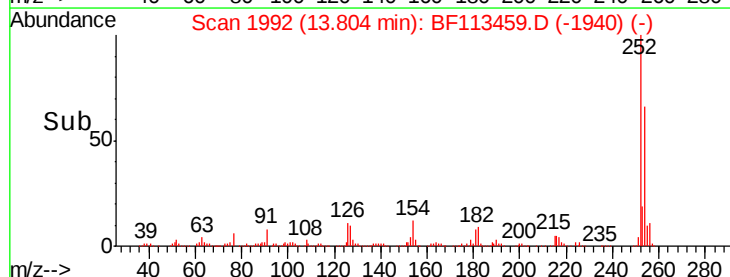
126 10.6 8.5 12.7

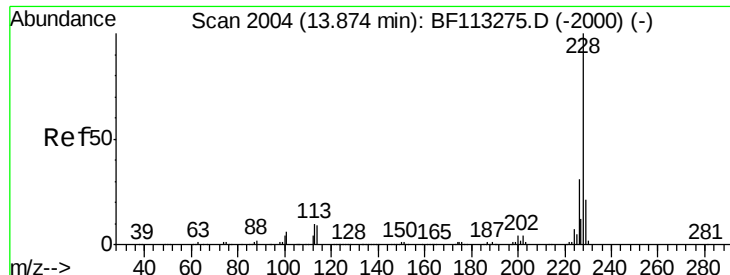


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.523 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

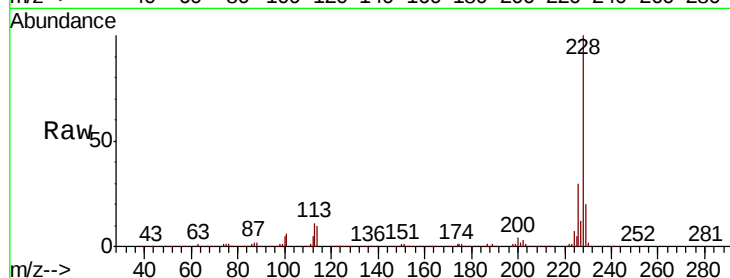
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:228 Resp: 1169387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 24.3  | 36.5  |
| 229 | 20.2  | 16.3  | 24.5  |

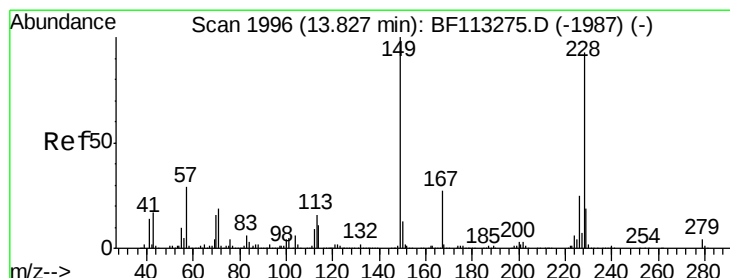
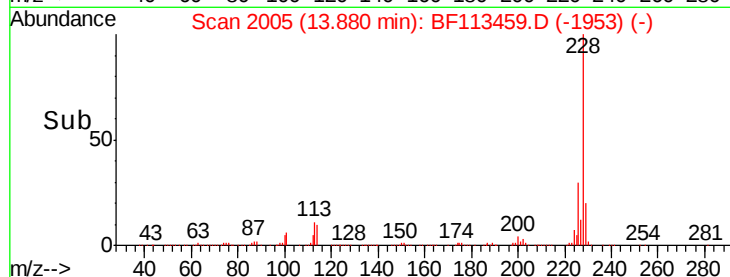
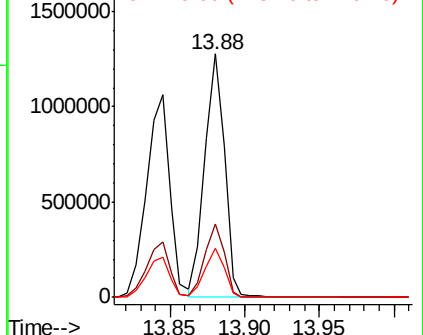


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.570 ng

RT: 13.83 min Scan# 1997

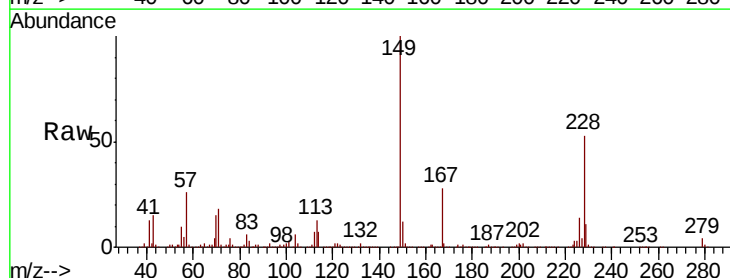
Delta R.T. 0.01 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Tgt Ion:149 Resp: 883937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 21.8  | 32.8  |
| 279 | 4.3   | 2.9   | 4.3#  |

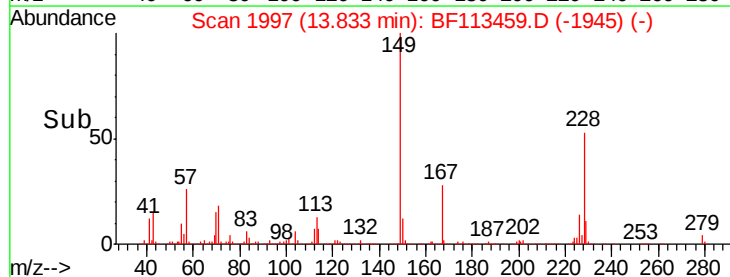
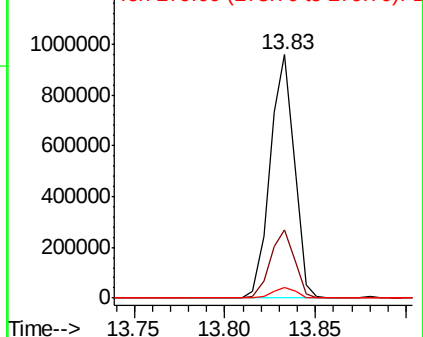


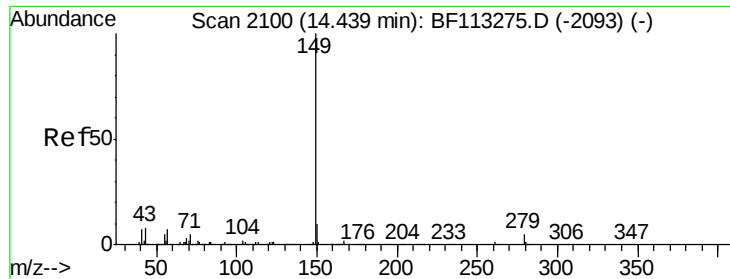
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

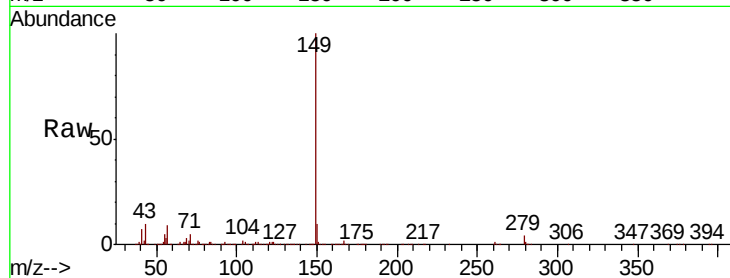




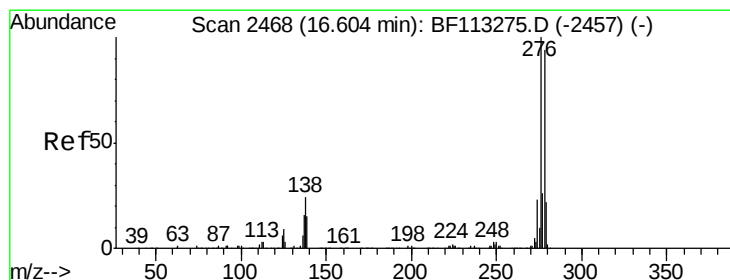
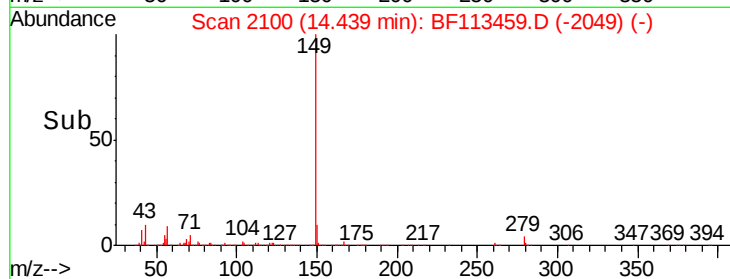
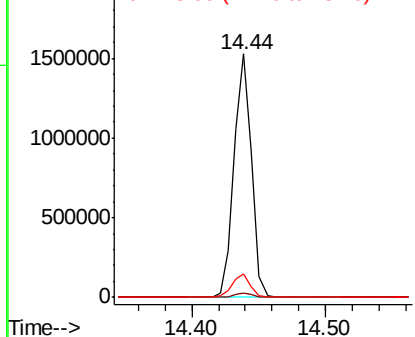
#85  
Di-n-octyl phthalate  
Concen: 44.689 ng  
RT: 14.44 min Scan# 2100  
Delta R.T. -0.00 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:149 Resp: 1409535  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 7.7 11.5

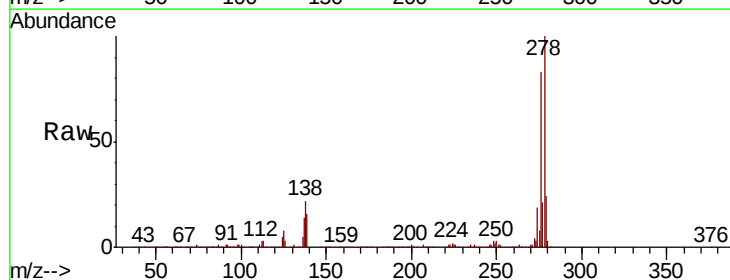


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

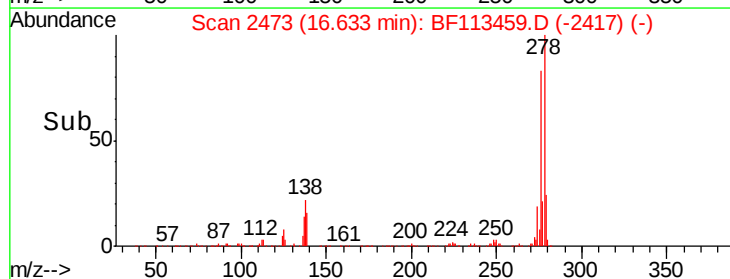
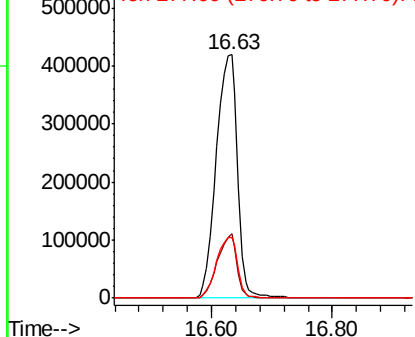


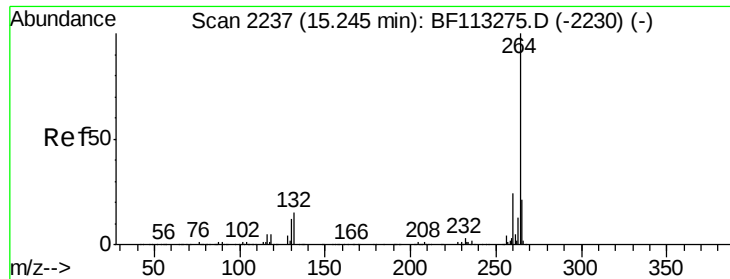
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.454 ng  
RT: 16.63 min Scan# 2473  
Delta R.T. 0.03 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:276 Resp: 1026639  
Ion Ratio Lower Upper  
276 100  
138 24.1 18.1 27.1  
277 25.0 20.2 30.4



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

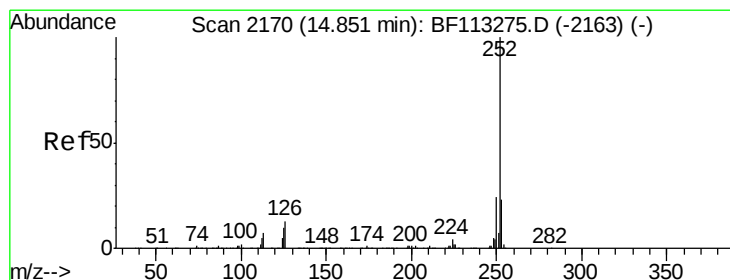
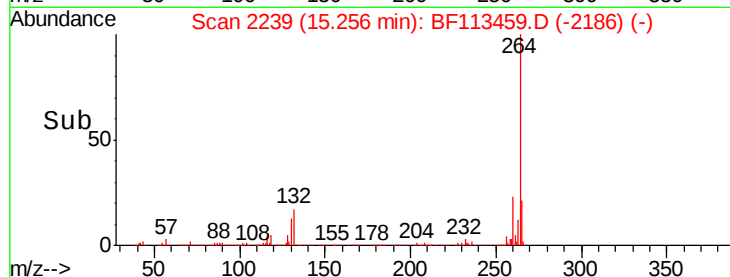
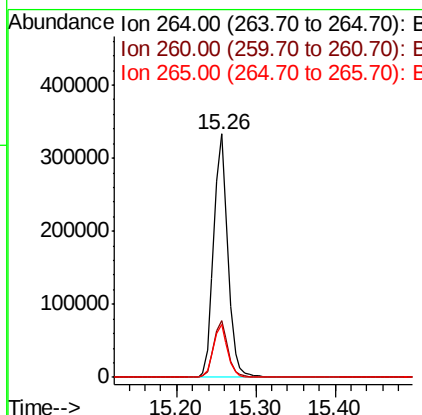
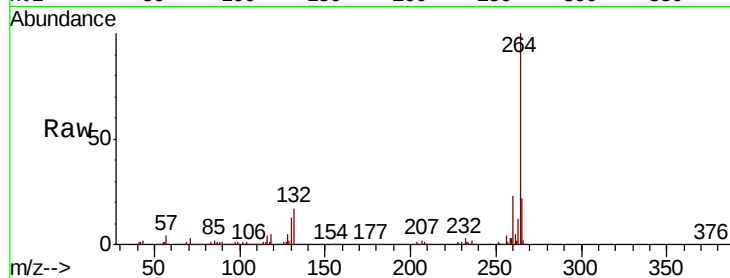




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.26 min Scan# 2239  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

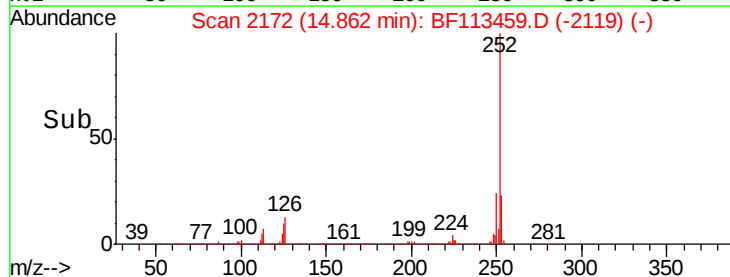
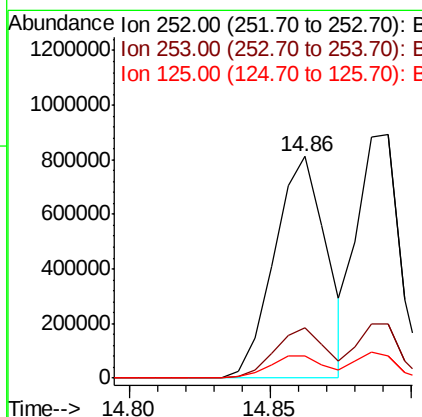
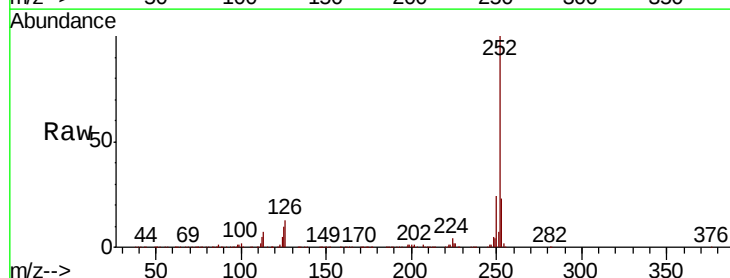
Instrument :  
 BNA\_N  
 ClientSampleId :

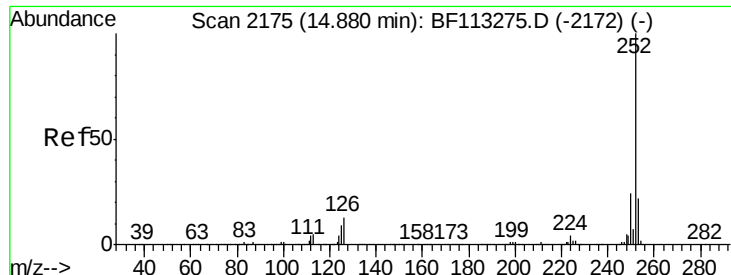
Tot Ion:264 Resp: 416384  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 21.5 17.1 25.7



#88  
 Benzo(b)fluoranthene  
 Concen: 40.226 ng  
 RT: 14.86 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: BF113459.D  
 Acq: 1 Apr 2019 11:40

Tgt Ion:252 Resp: 1040471  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 18.0 27.0  
 125 10.2 7.6 11.4

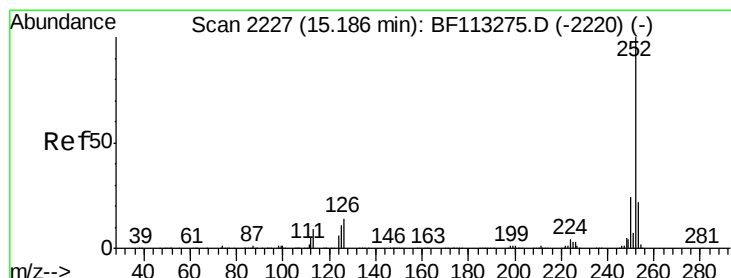
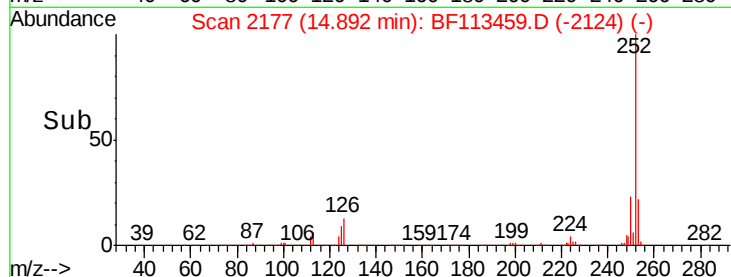
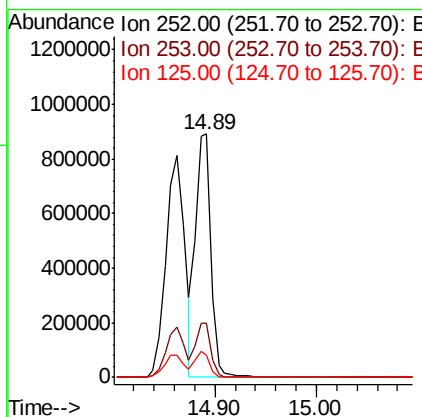
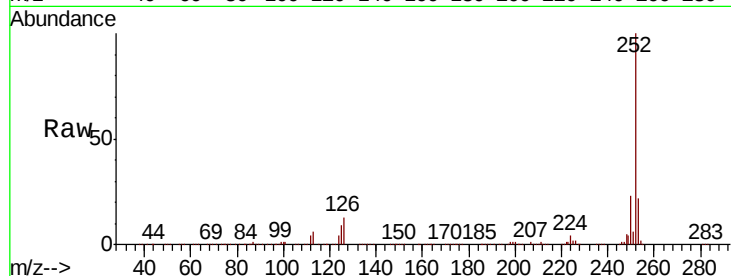




#89  
Benzo(k)fluoranthene  
Concen: 41.368 ng  
RT: 14.89 min Scan# 2177  
Delta R.T. 0.01 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

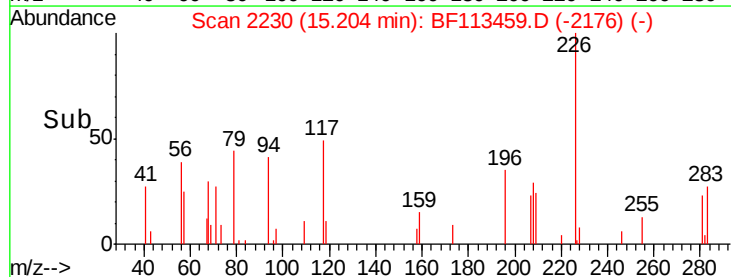
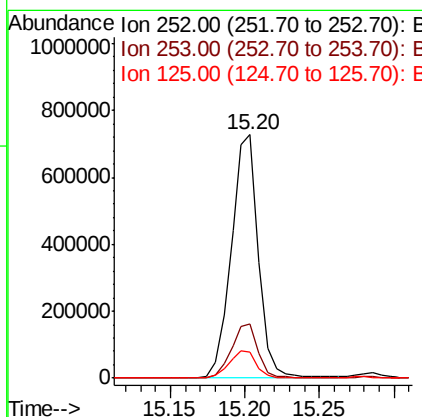
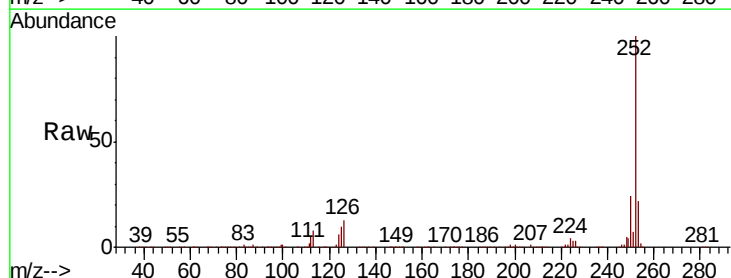
Instrument :  
BNA\_N  
ClientSampleId :

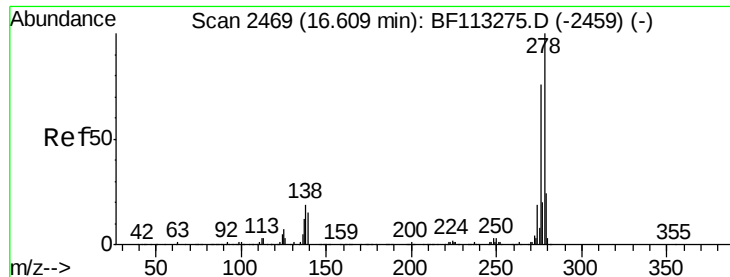
Tot Ion:252 Resp: 939675  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 9.1 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 40.110 ng  
RT: 15.20 min Scan# 2230  
Delta R.T. 0.02 min  
Lab File: BF113459.D  
Acq: 1 Apr 2019 11:40

Tgt Ion:252 Resp: 919764  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.155 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.02 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

Instrument :

BNA\_N

ClientSampleId :

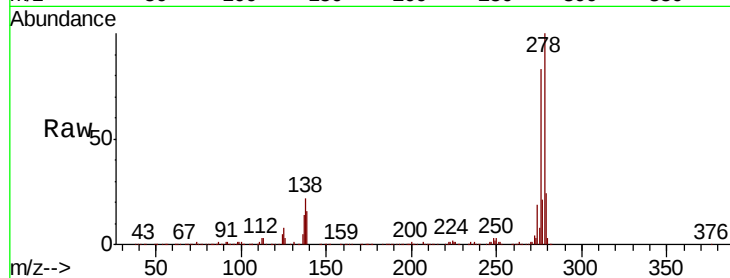
Tot Ion:278 Resp: 855650

Ion Ratio Lower Upper

278 100

139 15.7 12.0 18.0

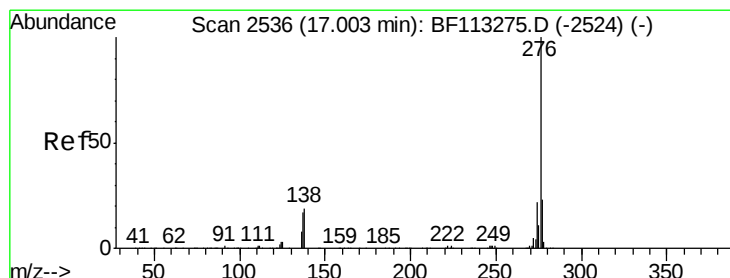
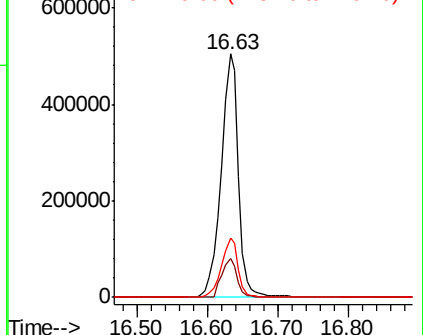
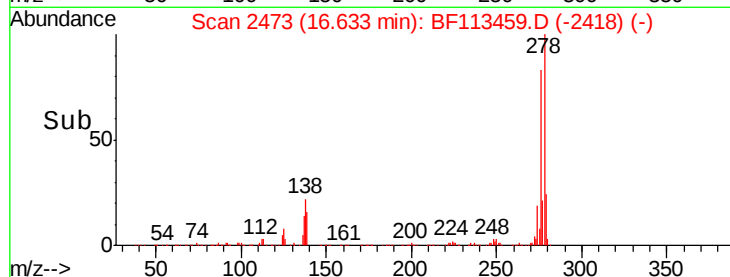
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.022 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.03 min

Lab File: BF113459.D

Acq: 1 Apr 2019 11:40

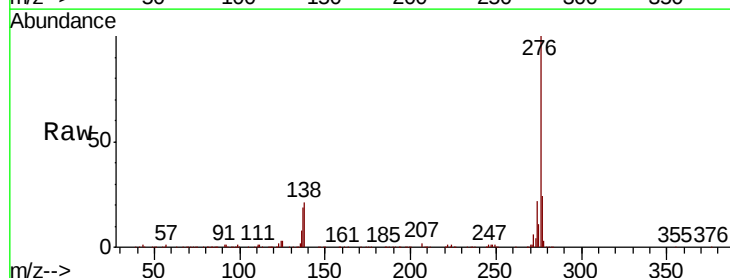
Tgt Ion:276 Resp: 840084

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.3 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

