

Data File : BF116338.D  
Acq On : 17 Aug 2019 00:42  
Operator : HP/JU  
Sample : K4355-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Quant Time: Aug 17 05:12:31 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF073019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 07 11:13:18 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 149377   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.10  | 136  | 572018   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 9.85  | 164  | 284854   | 20.00 | ng    | -0.04    |
| 64) Phenanthrene-d10      | 11.34 | 188  | 426981   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 13.98 | 240  | 250454   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 15.44 | 264  | 299959   | 20.00 | ng    | -0.04    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 834466  | 93.52 | ng | -0.02 |
| 7) Phenol-d6                | 6.46  | 99  | 1064014 | 94.51 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.39  | 82  | 683722  | 69.00 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330 | 239012  | 86.54 | ng | -0.03 |
| 45) 2-Fluorobiphenyl        | 9.17  | 172 | 1151464 | 75.72 | ng | -0.04 |
| 79) Terphenyl-d14           | 12.92 | 244 | 934848  | 78.65 | ng | -0.04 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.65 | 88  | 164012  | 36.384 | ng | 98   |
| 3) Pyridine                    | 3.39 | 79  | 435436  | 34.580 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 194188  | 39.077 | ng | 96   |
| 6) Aniline                     | 6.49 | 93  | 420314  | 26.070 | ng | # 83 |
| 8) 2-Chlorophenol              | 6.61 | 128 | 436366  | 44.224 | ng | 98   |
| 9) Benzaldehyde                | 6.37 | 77  | 209757  | 27.003 | ng | 99   |
| 10) Phenol                     | 6.48 | 94  | 559181  | 42.179 | ng | 96   |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 425800  | 43.685 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 463284  | 40.627 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 473831  | 41.499 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 439975  | 41.849 | ng | 99   |
| 15) Benzyl Alcohol             | 6.97 | 79  | 350998  | 41.083 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 546088  | 41.075 | ng | 79   |
| 17) 2-Methylphenol             | 7.08 | 107 | 356653  | 42.688 | ng | 97   |
| 18) Hexachloroethane           | 7.32 | 117 | 170893  | 40.652 | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 297793  | 42.686 | ng | 98   |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 447007  | 45.212 | ng | # 82 |
| 22) Acetophenone               | 7.23 | 105 | 583836  | 46.539 | ng | 94   |
| 24) Nitrobenzene               | 7.40 | 77  | 481879  | 45.035 | ng | 99   |
| 25) Isophorone                 | 7.64 | 82  | 868860  | 45.853 | ng | 98   |
| 26) 2-Nitrophenol              | 7.72 | 139 | 234043  | 46.402 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 382489  | 50.404 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 534976  | 45.550 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 374352  | 46.722 | ng | 100  |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 399352  | 43.725 | ng | 99   |
| 31) Naphthalene                | 8.12 | 128 | 1234519 | 45.862 | ng | 100  |
| 32) Benzoic acid               | 7.93 | 122 | 235542  | 44.026 | ng | 97   |
| 33) 4-Chloroaniline            | 8.17 | 127 | 220602  | 18.342 | ng | 98   |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 224591  | 42.692 | ng | 99   |
| 35) Caprolactam                | 8.55 | 113 | 59956   | 23.137 | ng | 98   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 382133  | 45.845 | ng | 99   |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 797731  | 44.999 | ng | 100  |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 743208  | 44.315 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 363657  | 47.753 | ng | 99   |

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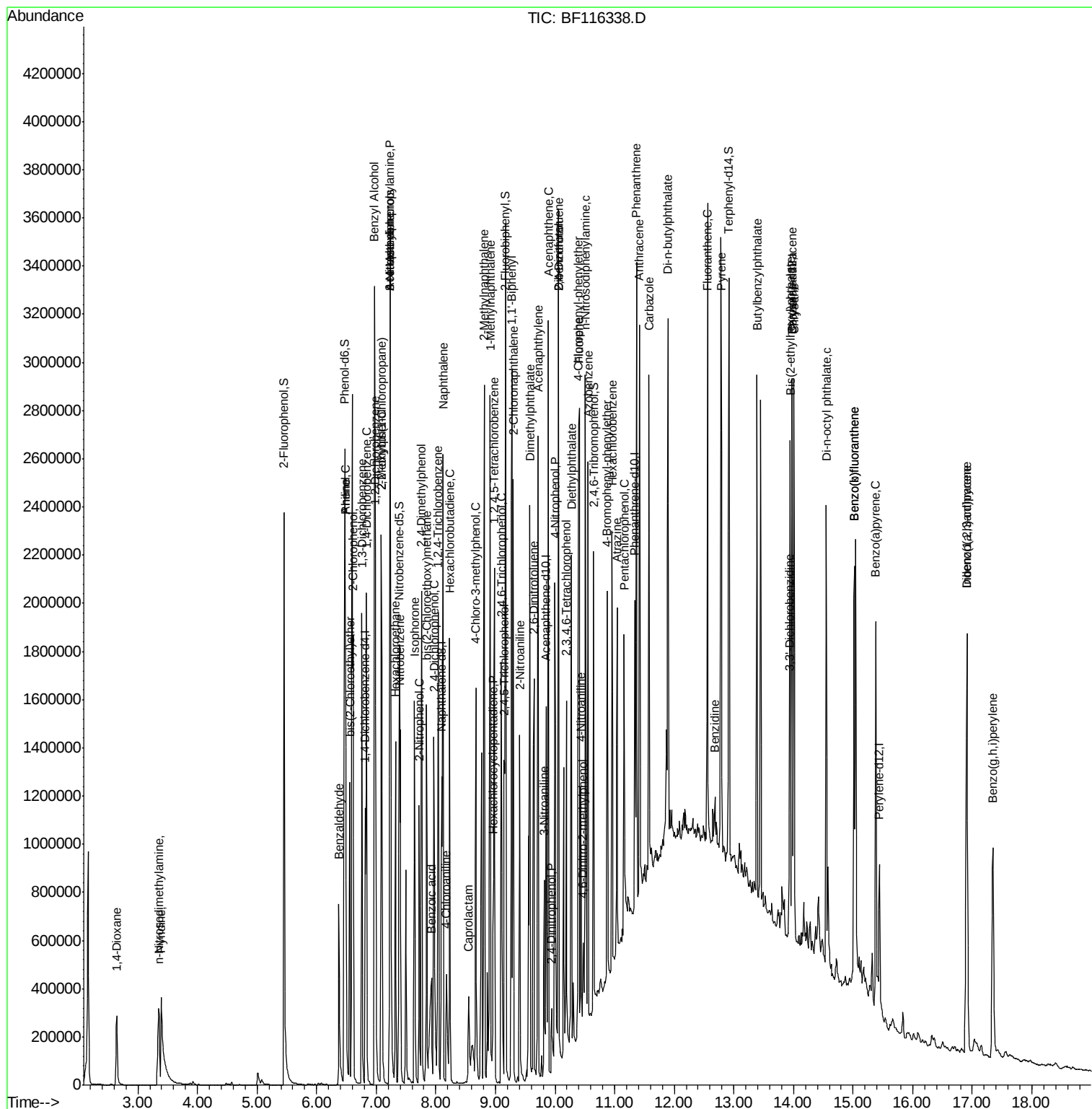
Quant Time: Aug 17 05:12:31 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF073019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 07 11:13:18 2019  
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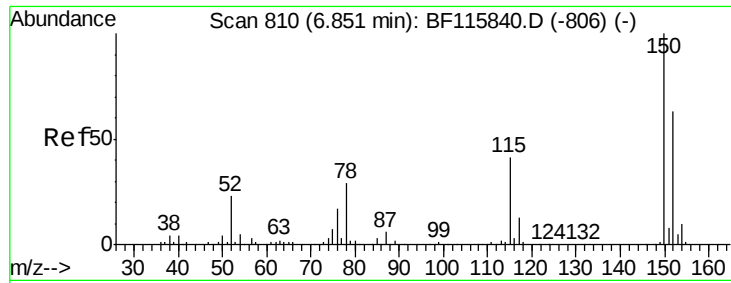
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 101421   | 33.392 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 233769   | 44.598 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 243308   | 44.904 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 959515   | 47.712 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 755691   | 45.148 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 241250   | 43.606 | ng    | 95       |
| 49) Acenaphthylene             | 9.72  | 152  | 1103726  | 45.199 | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 1059997  | 54.652 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 197565   | 46.872 | ng    | 96       |
| 52) Acenaphthene               | 9.89  | 154  | 688681   | 45.971 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.82  | 138  | 139017   | 26.692 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 55895    | 31.339 | ng    | 96       |
| 55) Dibenzofuran               | 10.06 | 168  | 944457   | 43.352 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 240975   | 72.228 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 226163   | 40.301 | ng    | # 89     |
| 58) Fluorene                   | 10.40 | 166  | 763598   | 45.557 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 199599   | 43.786 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 823383   | 45.471 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 385041   | 45.358 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 181503   | 33.722 | ng    | 98       |
| 63) Azobenzene                 | 10.55 | 77   | 829128   | 44.516 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 57442    | 25.386 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 667949   | 51.974 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 222258   | 48.625 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 235934   | 44.639 | ng    | 99       |
| 69) Atrazine                   | 11.04 | 200  | 199526   | 47.192 | ng    | 98       |
| 70) Pentachlorophenol          | 11.16 | 266  | 216714   | 84.454 | ng    | 99       |
| 71) Phenanthrene               | 11.37 | 178  | 1106933  | 50.711 | ng    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 1051384  | 47.593 | ng    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 904199   | 45.115 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 1122405  | 48.007 | ng    | 99       |
| 75) Fluoranthene               | 12.56 | 202  | 1128466  | 49.382 | ng    | 97       |
| 77) Benzidine                  | 12.68 | 184  | 110296   | 13.035 | ng    | 97       |
| 78) Pyrene                     | 12.79 | 202  | 1141309  | 60.452 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 519488   | 65.049 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 851455   | 53.189 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 98721    | 17.751 | ng    | 98       |
| 83) Chrysene                   | 14.01 | 228  | 823871   | 53.011 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 611861   | 58.958 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.55 | 149  | 926881   | 56.229 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 864570   | 66.235 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 882526   | 50.884 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 882526   | 52.241 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.38 | 252  | 810043   | 52.247 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.91 | 278  | 702142   | 52.318 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.34 | 276  | 722880   | 54.846 | ng    | 95       |

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

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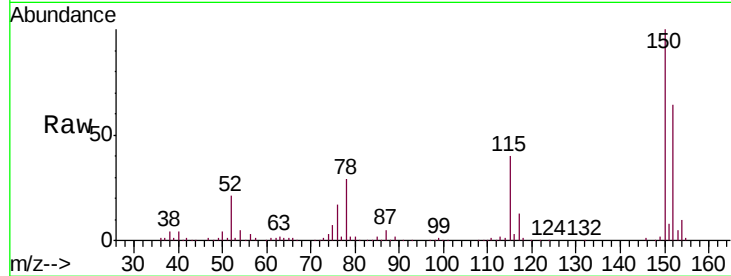


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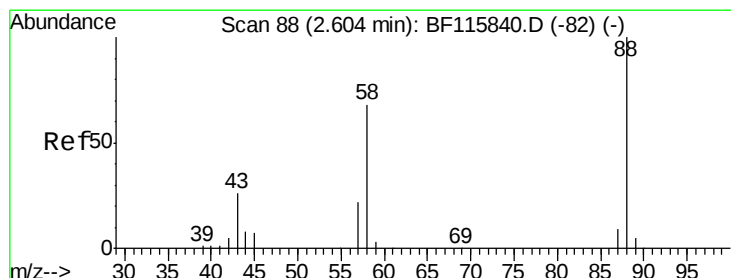
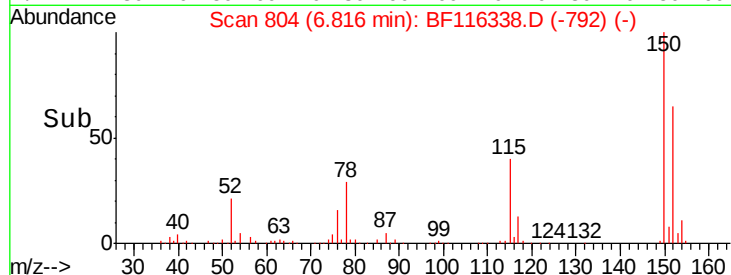
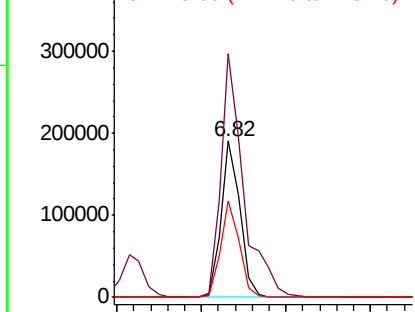
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 126.2 | 189.2 |
| 115     | 62.1  | 49.9  | 74.9  |



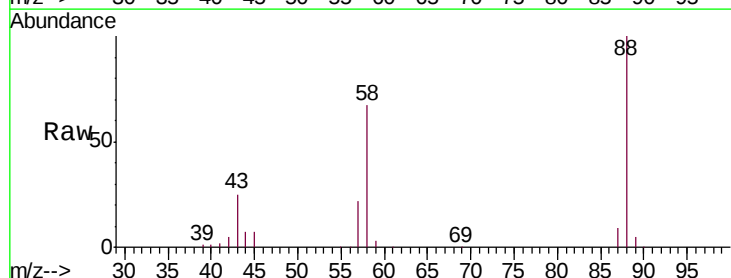
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



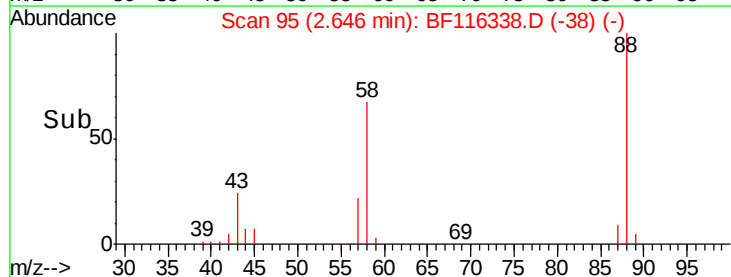
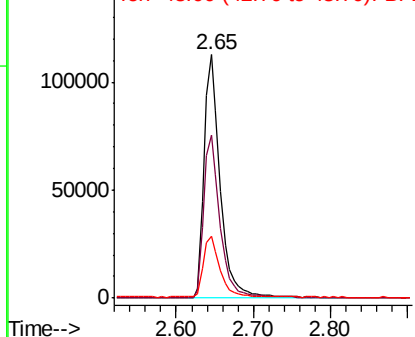
#2

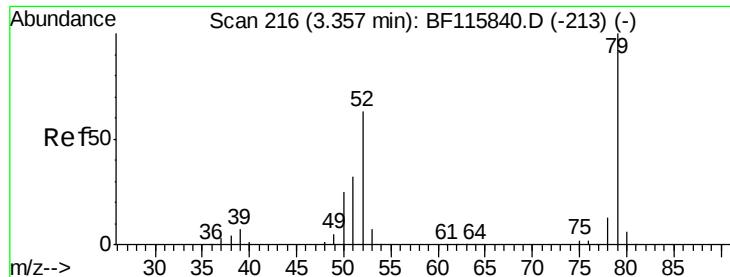
1,4-Dioxane  
Concen: 36.384 ng  
RT: 2.65 min Scan# 95  
Delta R.T. 0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.8  | 53.7  | 80.5  |
| 43      | 25.2  | 21.0  | 31.4  |



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

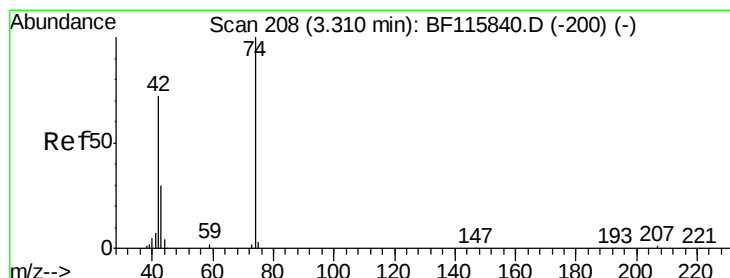
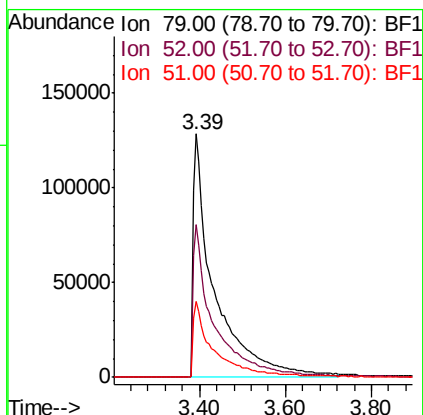
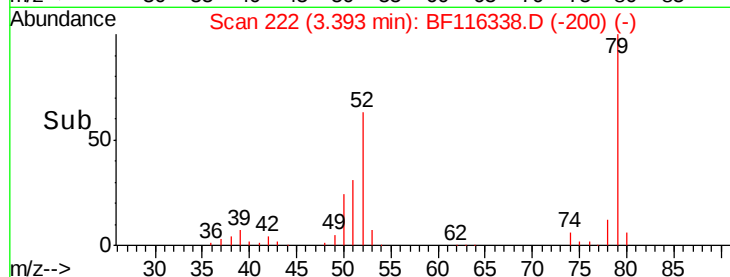
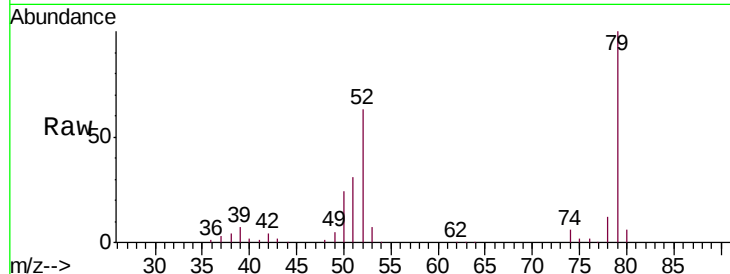




#3  
 Pyridine  
 Concen: 34.580 ng  
 RT: 3.39 min Scan# 222  
 Delta R.T. 0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

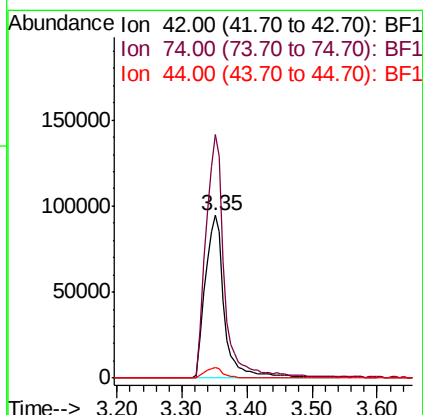
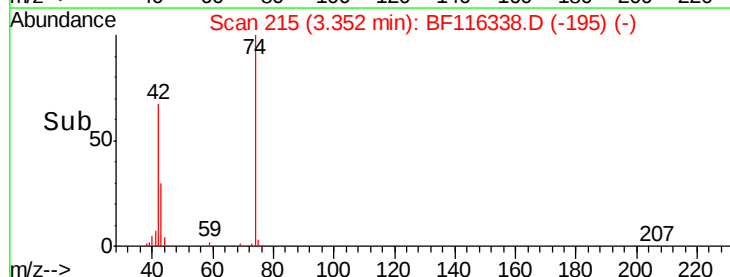
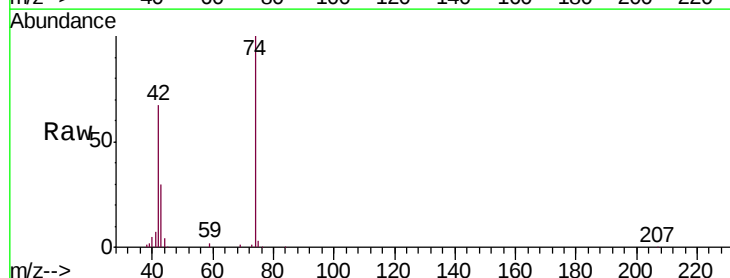
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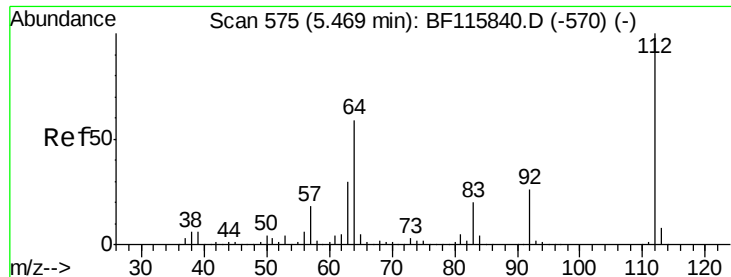
Tgt Ion: 79 Resp: 435436  
 Ion Ratio Lower Upper  
 79 100  
 52 63.0 49.8 74.8  
 51 31.1 25.2 37.8



#4  
 n-Nitrosodimethylamine  
 Concen: 39.077 ng  
 RT: 3.35 min Scan# 215  
 Delta R.T. 0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion: 42 Resp: 194188  
 Ion Ratio Lower Upper  
 42 100  
 74 149.9 116.0 174.0  
 44 6.5 4.6 7.0





#5

2-Fluorophenol

Concen: 93.518 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

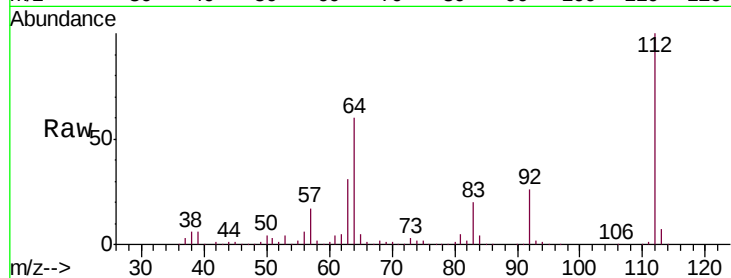
Tgt Ion: 112 Resp: 834466

Ion Ratio Lower Upper

112 100

64 60.3 45.4 68.2

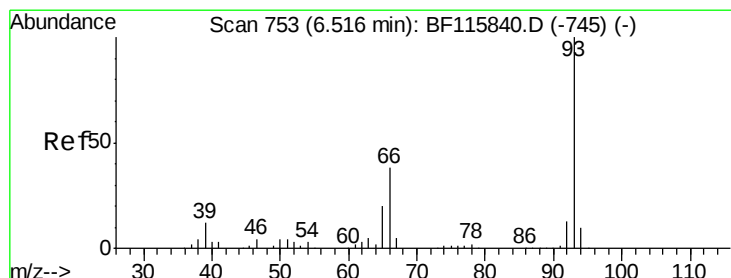
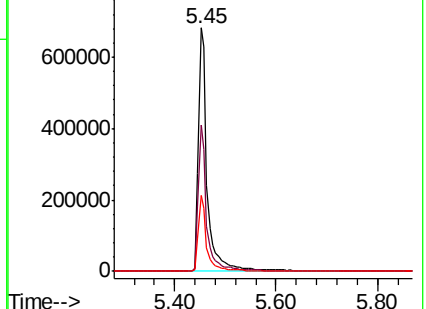
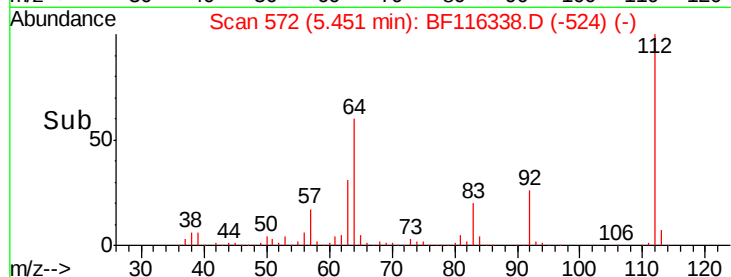
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.070 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116338.D

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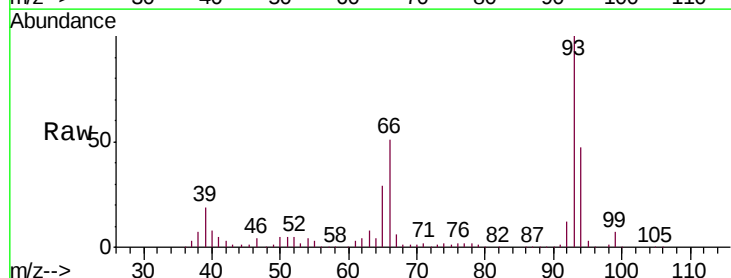
Tgt Ion: 93 Resp: 420314

Ion Ratio Lower Upper

93 100

66 50.8 32.2 48.4#

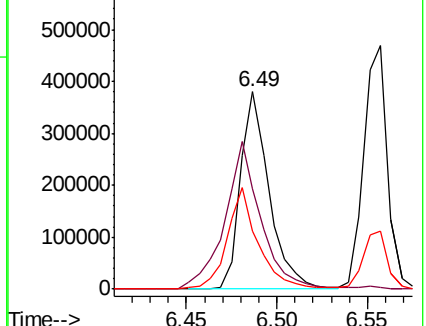
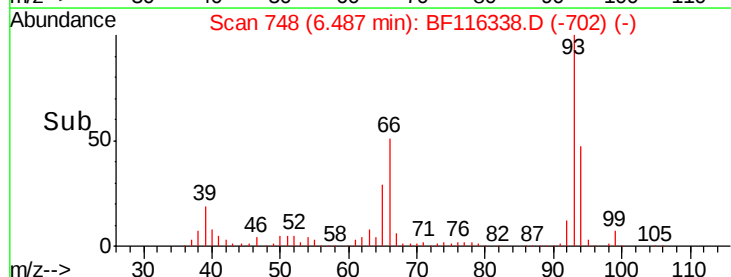
65 29.5 17.0 25.6#

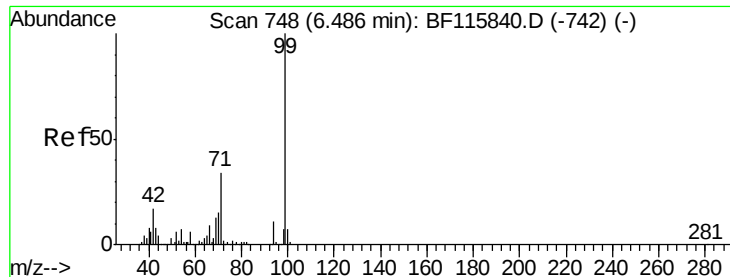


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.512 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116338.D

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BNA\_F

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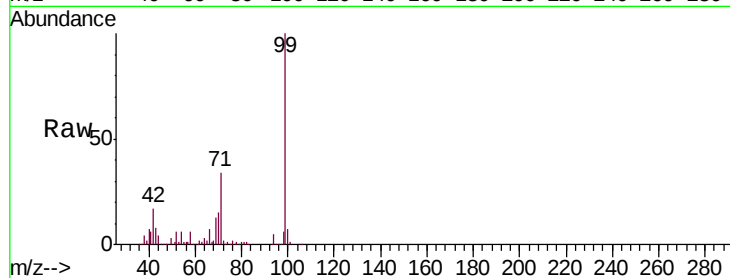
Tgt Ion: 99 Resp: 1064014

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

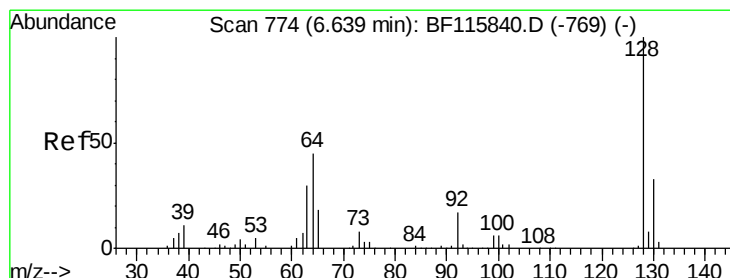
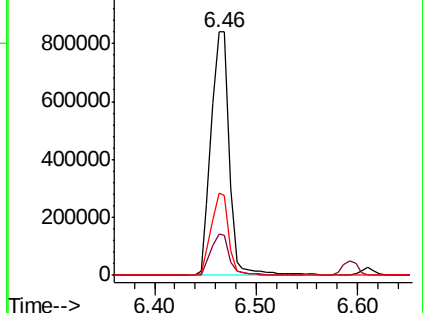
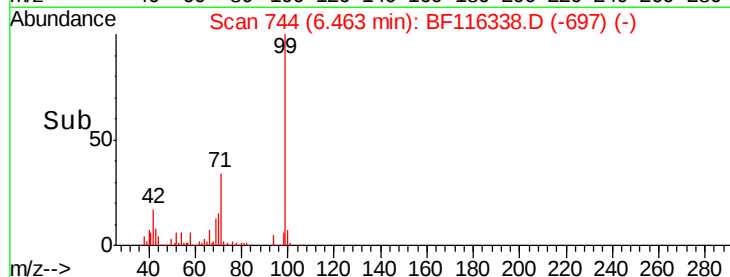
71 33.6 27.3 40.9



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: 44.224 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

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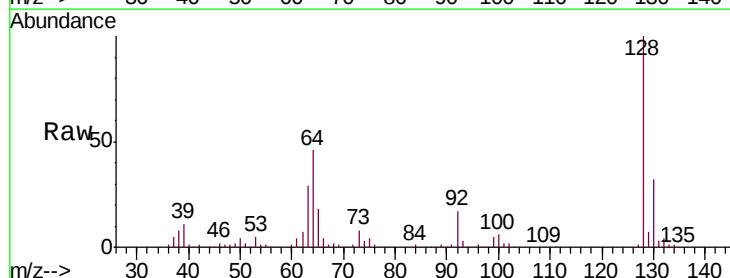
Tgt Ion: 128 Resp: 436366

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

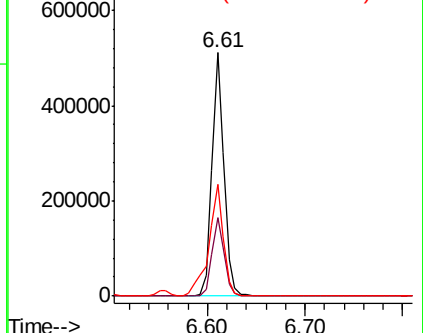
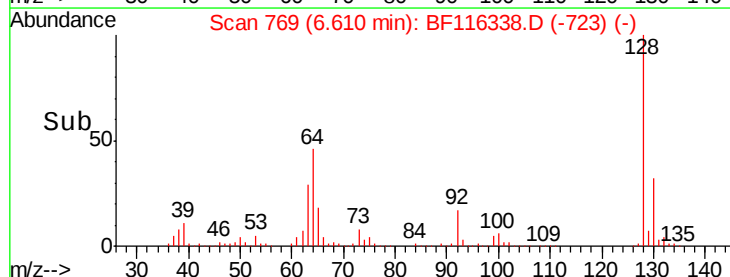
64 45.8 24.3 64.3

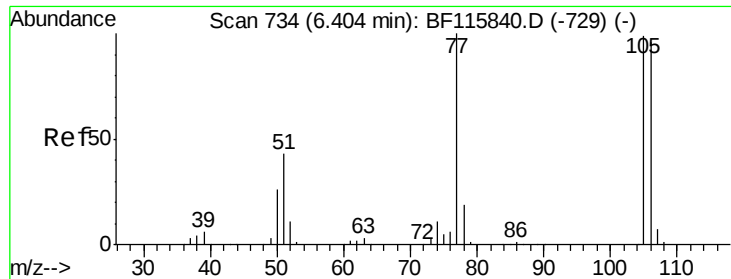


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.003 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

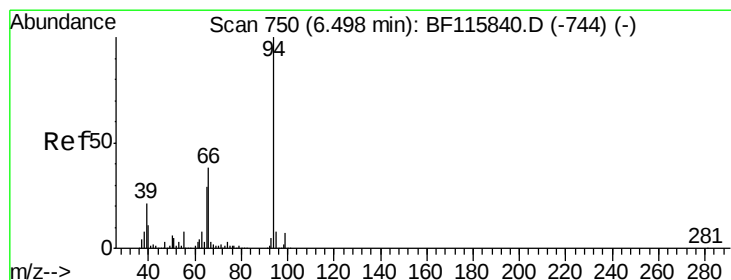
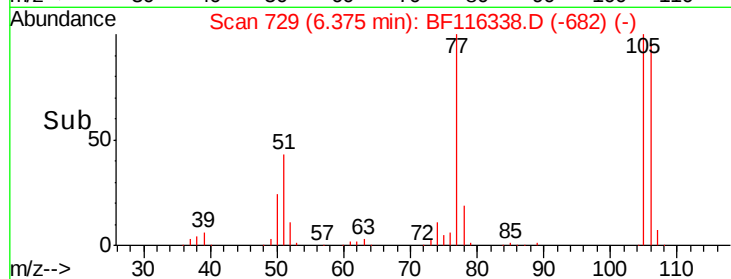
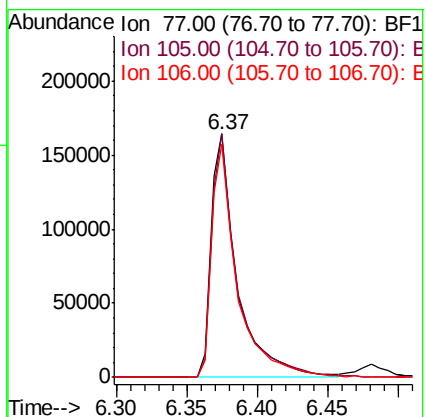
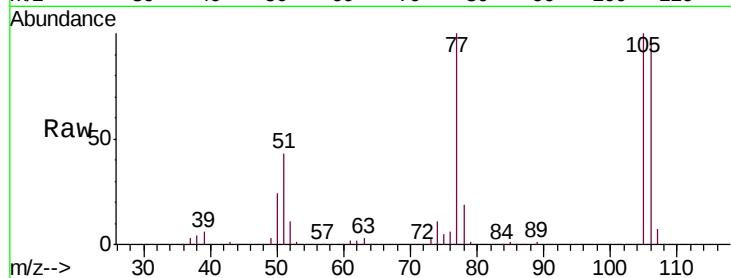
Tgt Ion: 77 Resp: 209757

Ion Ratio Lower Upper

77 100

105 100.0 79.2 119.2

106 95.9 74.3 114.3



#10

Phenol

Concen: 42.179 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

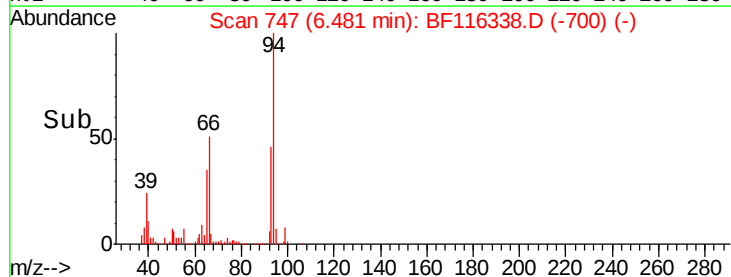
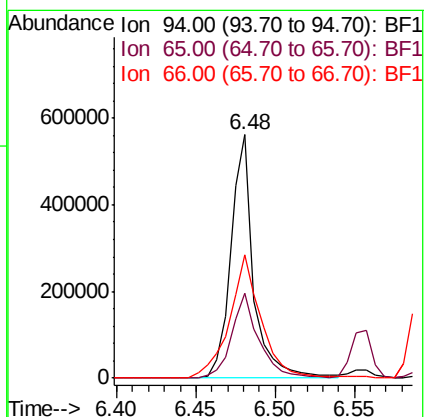
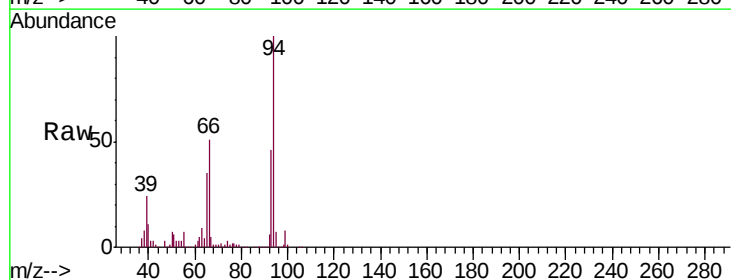
Tgt Ion: 94 Resp: 559181

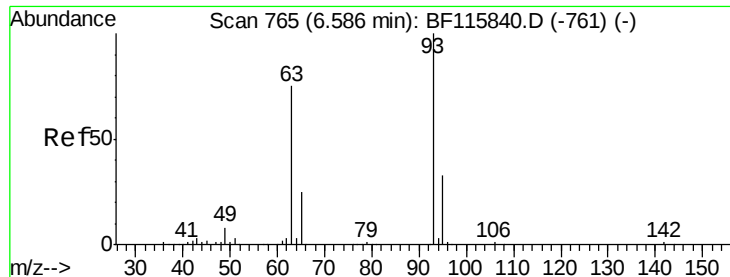
Ion Ratio Lower Upper

94 100

65 34.6 16.8 56.8

66 50.8 34.2 74.2

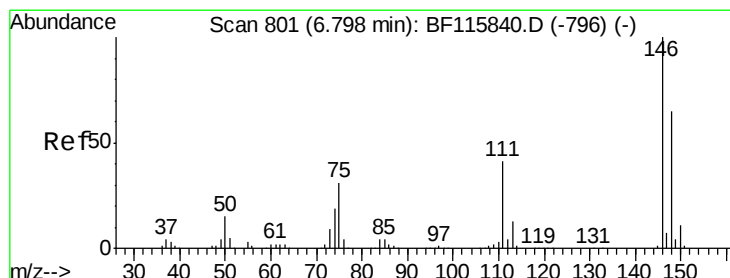
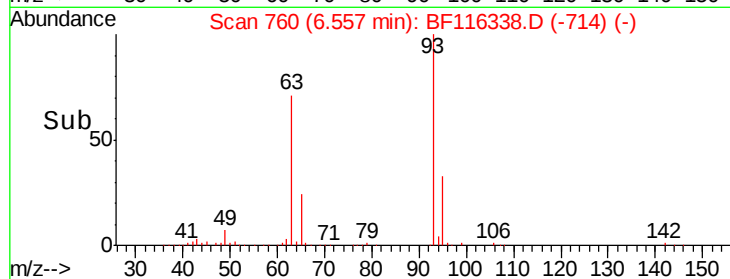
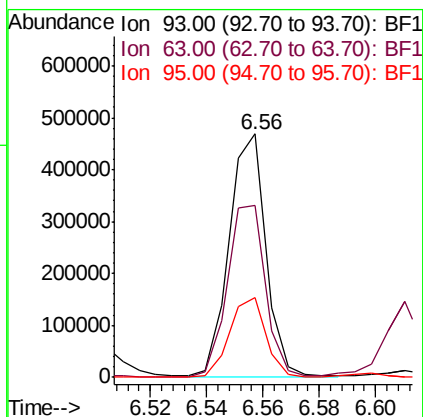
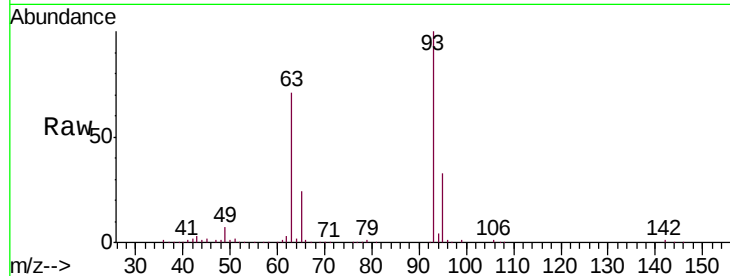




#11  
 bis(2-Chloroethyl)ether  
 Concen: 43.685 ng  
 RT: 6.56 min Scan# 760  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

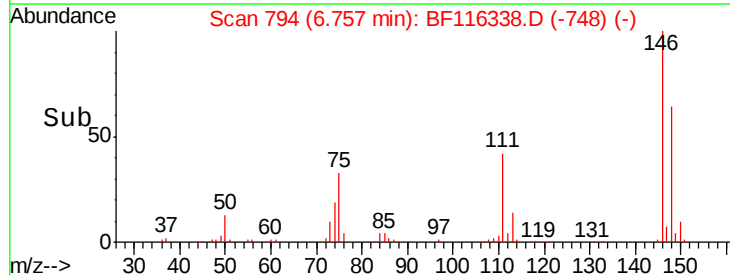
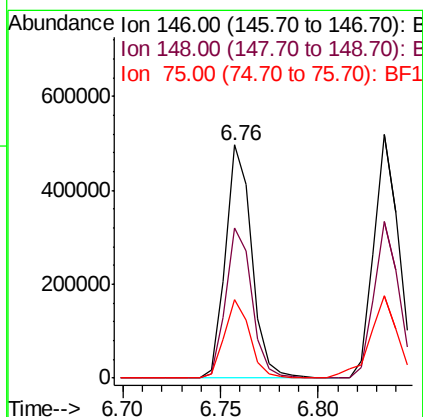
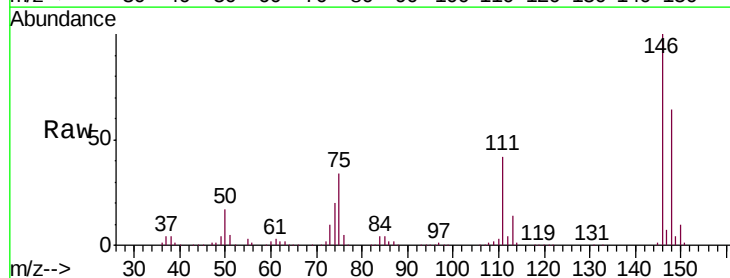
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

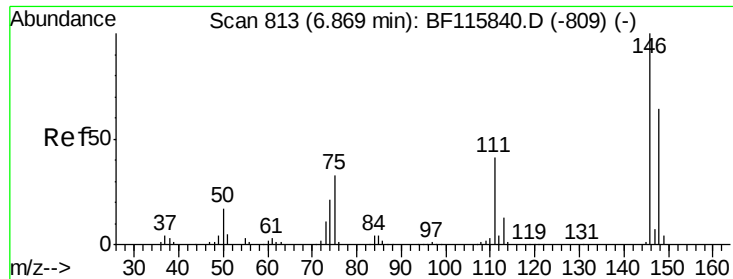
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.9  | 51.9  | 91.9  |
| 95      | 32.8  | 13.0  | 53.0  |



#12  
 1,3-Dichlorobenzene  
 Concen: 40.627 ng  
 RT: 6.76 min Scan# 794  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.3  | 76.9  |
| 75      | 33.9  | 27.4  | 41.2  |

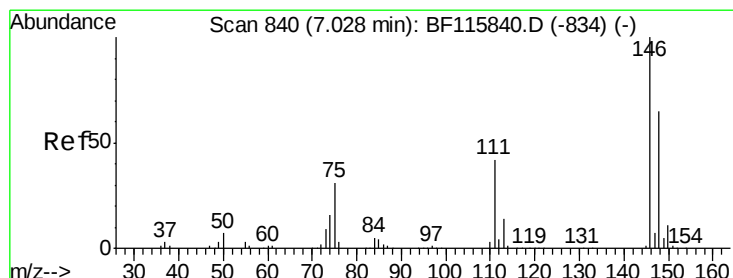
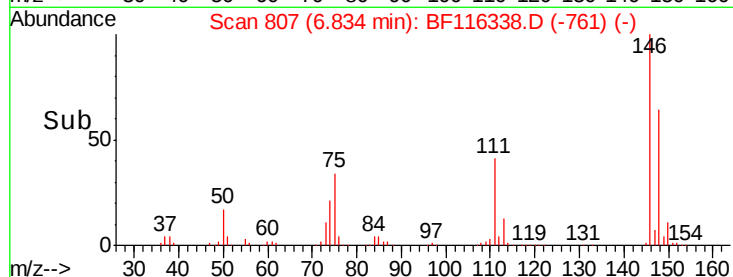
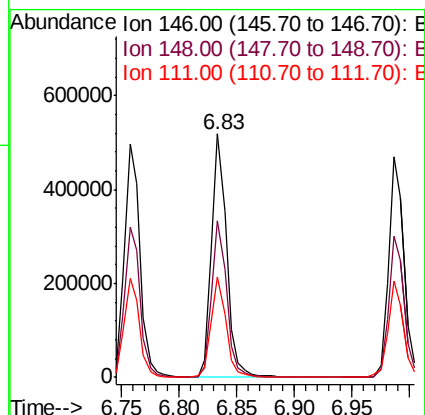
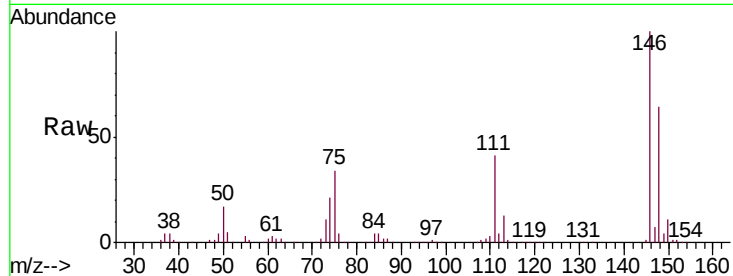




#13  
 1,4-Dichlorobenzene  
 Concen: 41.499 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

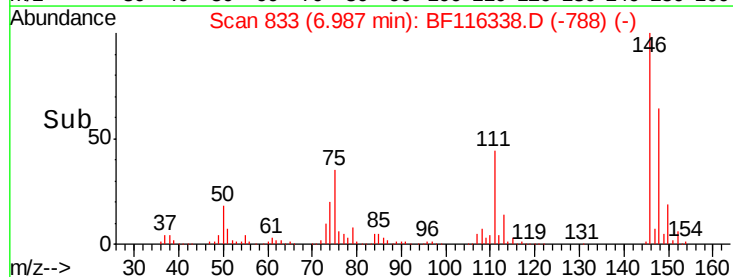
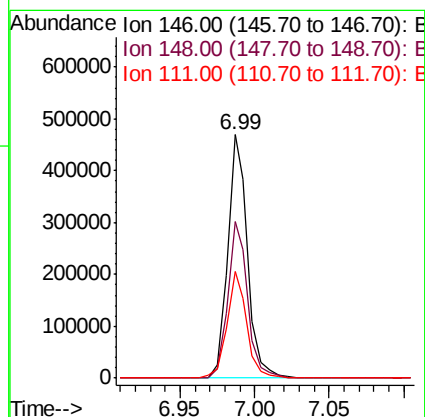
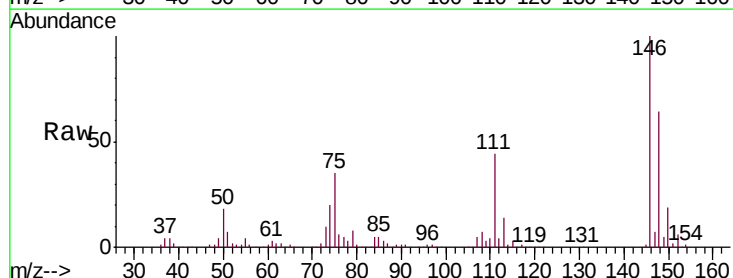
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

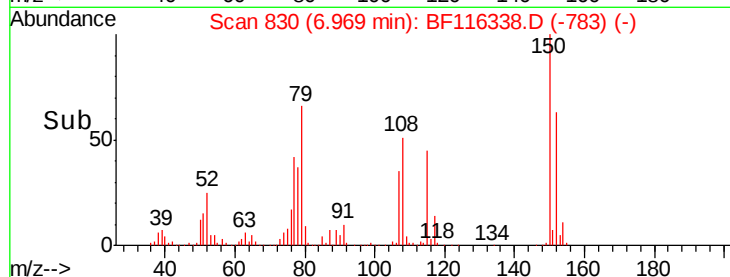
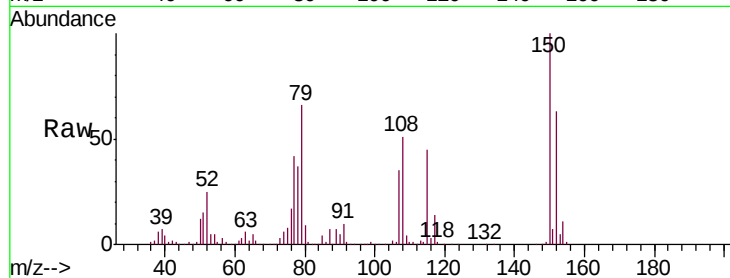
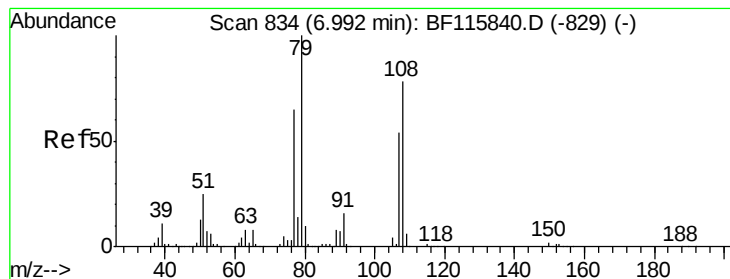
Tgt Ion:146 Resp: 473831  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.3 76.9  
 111 41.3 34.0 51.0



#14  
 1,2-Dichlorobenzene  
 Concen: 41.849 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. -0.04 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion:146 Resp: 439975  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.2 76.8  
 111 43.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.083 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

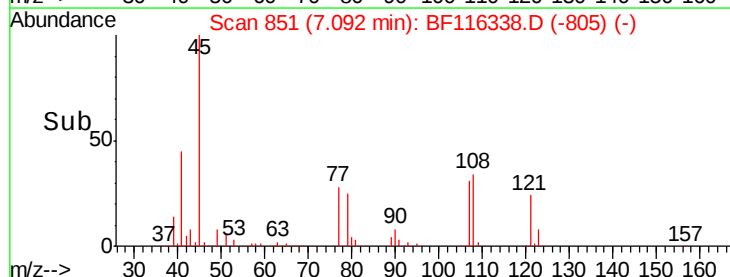
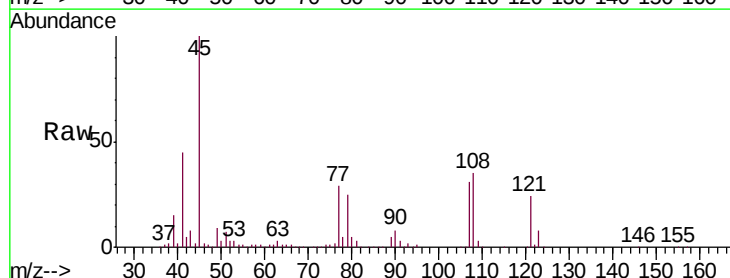
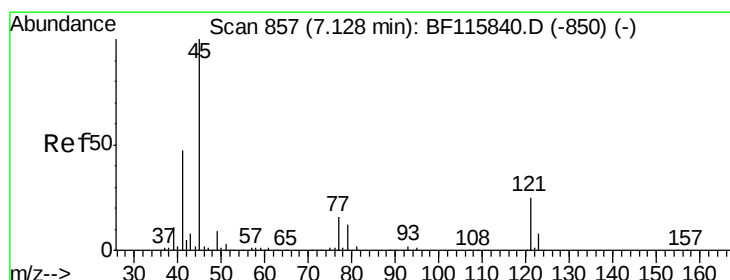
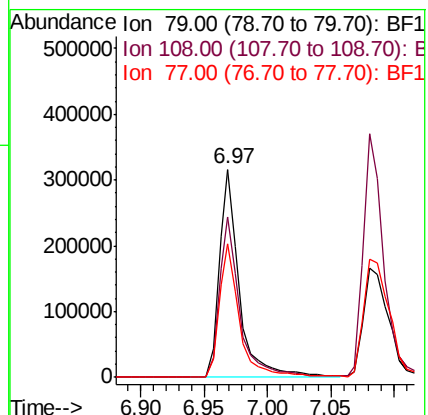
Tgt Ion: 79 Resp: 350998

Ion Ratio Lower Upper

79 100

108 77.0 62.7 94.1

77 64.0 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.075 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

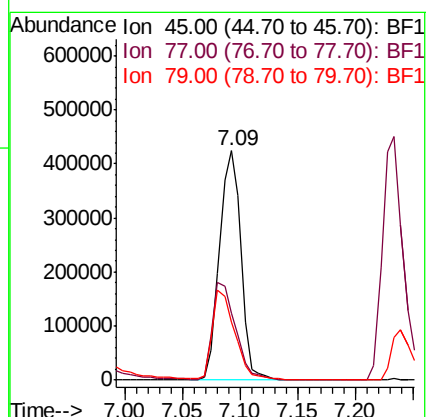
Tgt Ion: 45 Resp: 546088

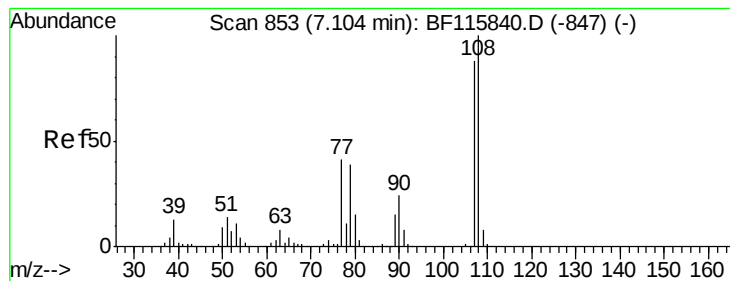
Ion Ratio Lower Upper

45 100

77 29.2 0.0 40.0

79 25.4 0.0 35.9





#17

2-Methylphenol

Concen: 42.688 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

Tgt Ion:107 Resp: 356653

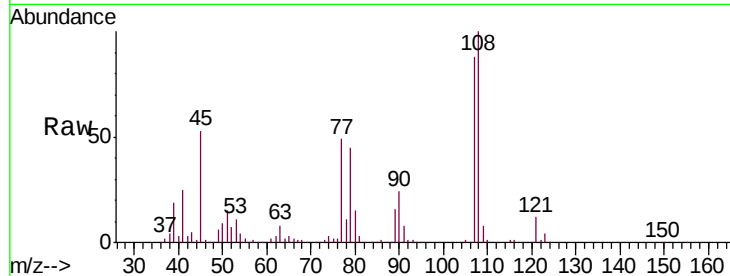
Ion Ratio Lower Upper

107 100

108 113.1 91.2 136.8

77 55.0 40.3 60.5

79 50.8 37.6 56.4

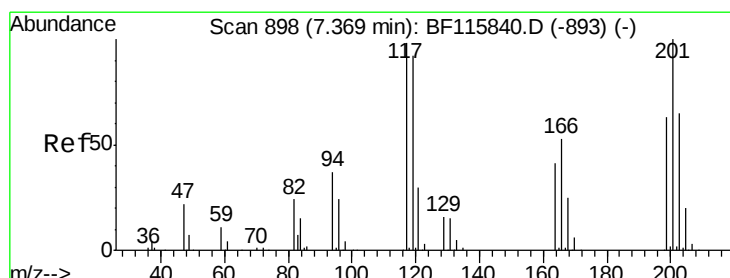
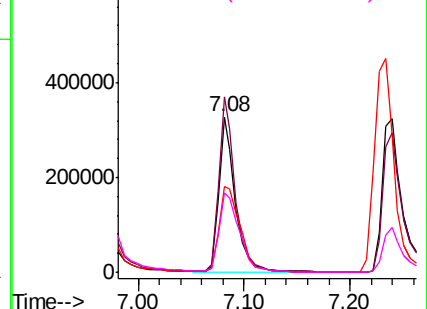
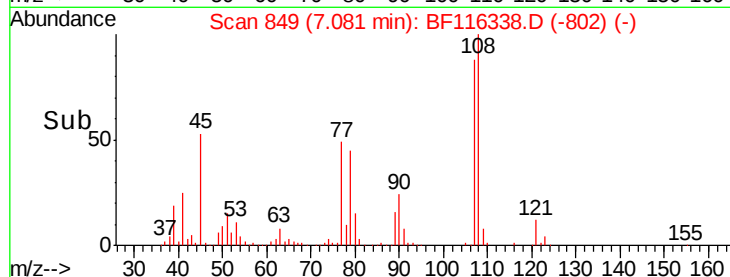


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.652 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

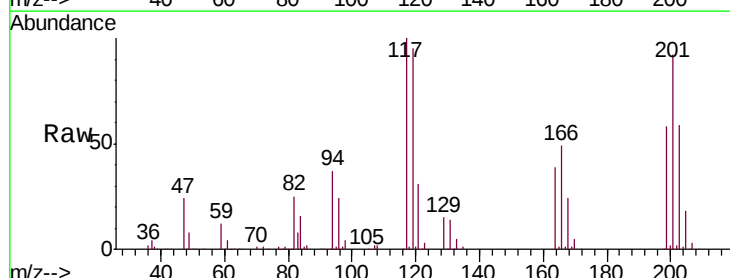
Tgt Ion:117 Resp: 170893

Ion Ratio Lower Upper

117 100

119 94.7 76.1 114.1

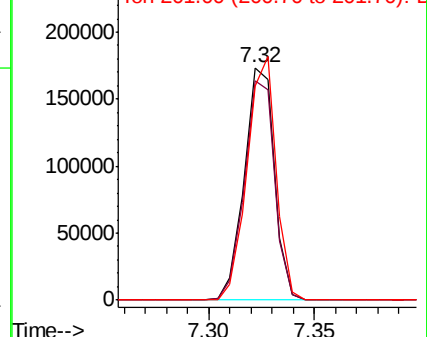
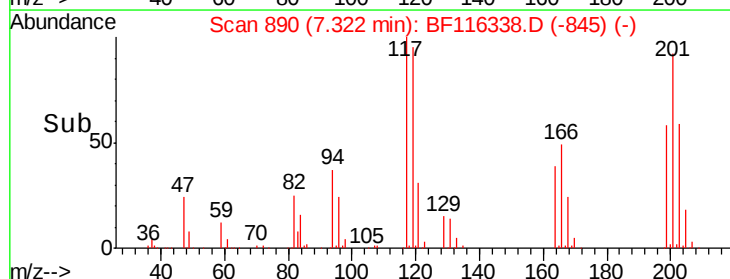
201 92.0 77.0 115.4

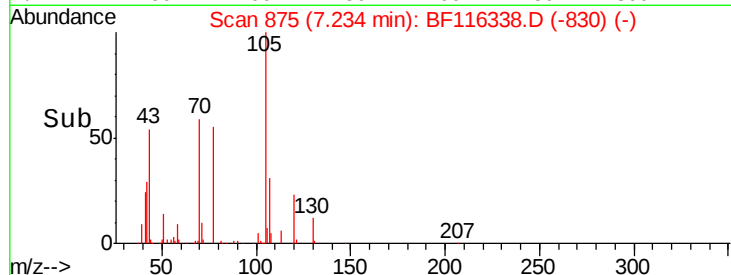
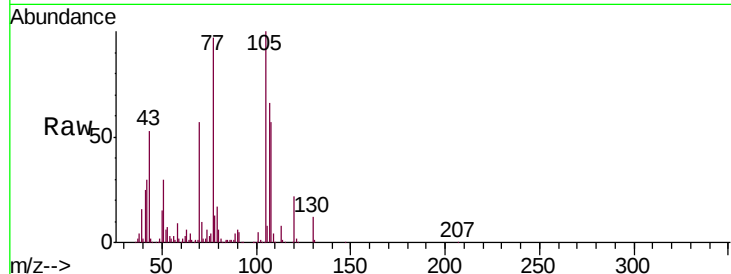
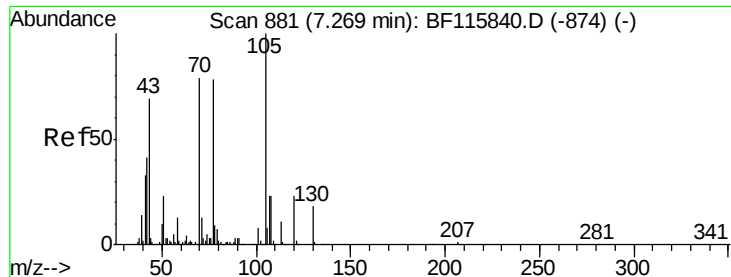


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

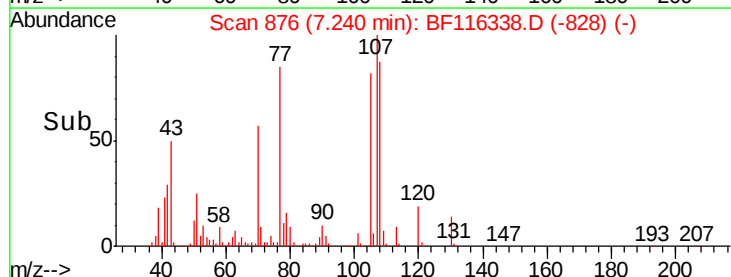
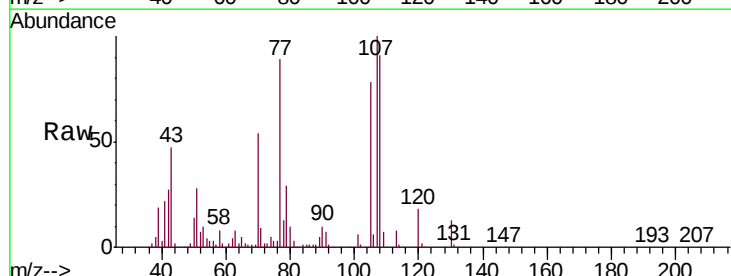
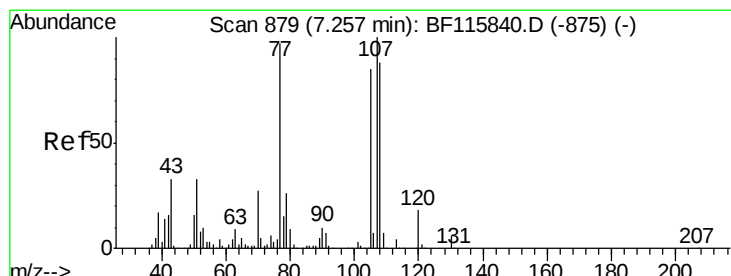
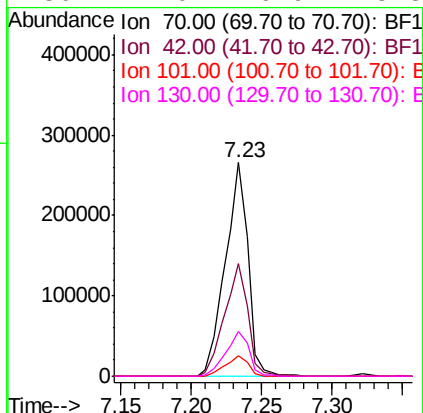




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.686 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

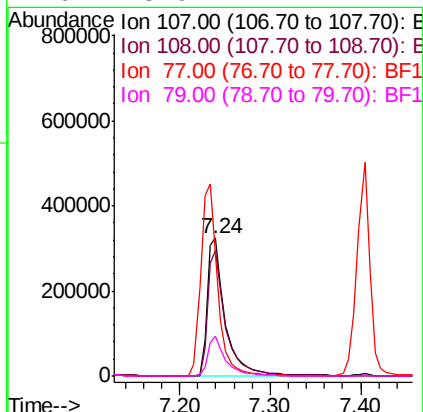
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

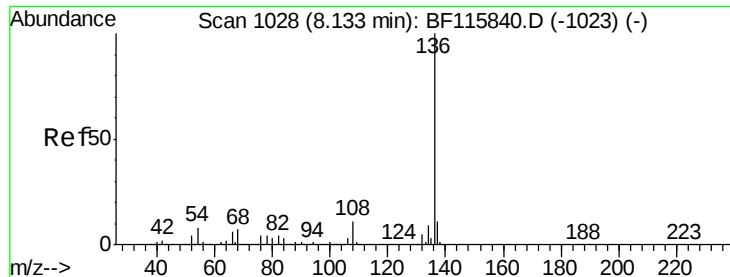
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 297793 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.7  | 40.9  | 61.3   |
| 101      | 9.4   | 7.9   | 11.9   |
| 130      | 21.0  | 16.9  | 25.3   |



#20  
3+4-Methylphenols  
Concen: 45.212 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.02 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 447007 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.1  | 67.6  | 107.6  |
| 77       | 88.8  | 104.4 | 144.4# |
| 79       | 28.9  | 7.4   | 47.4   |

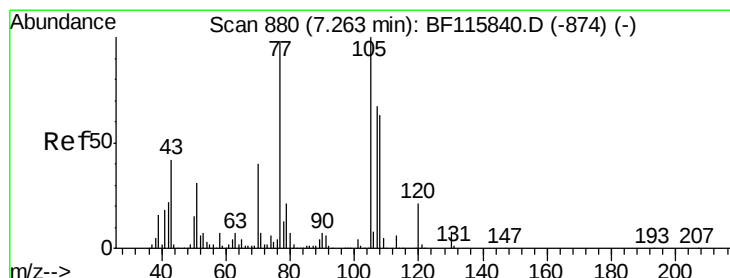
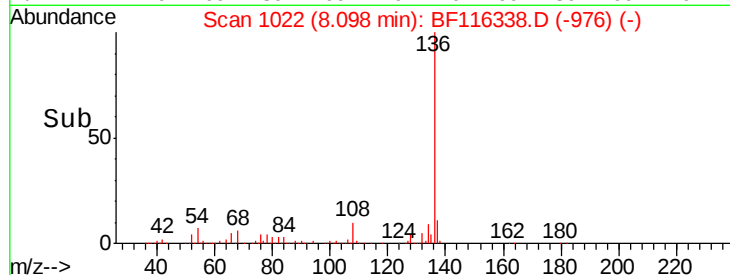
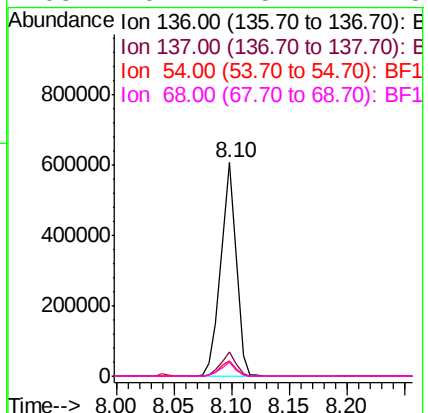
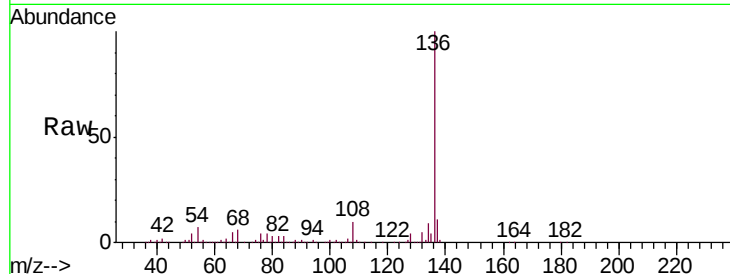




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

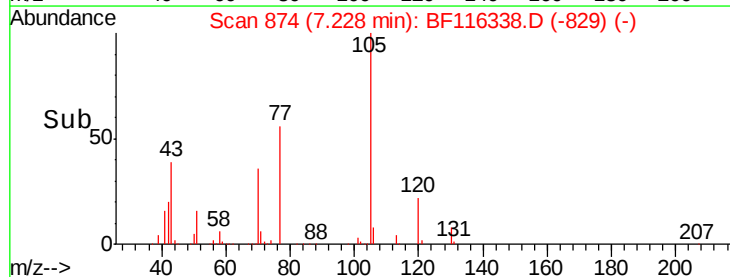
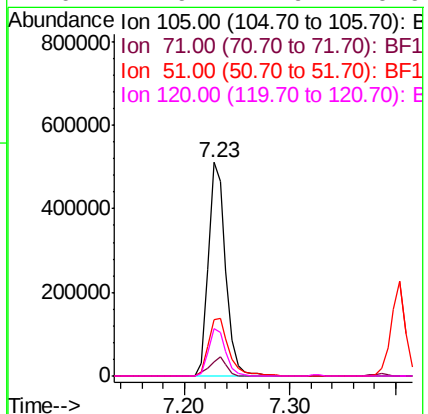
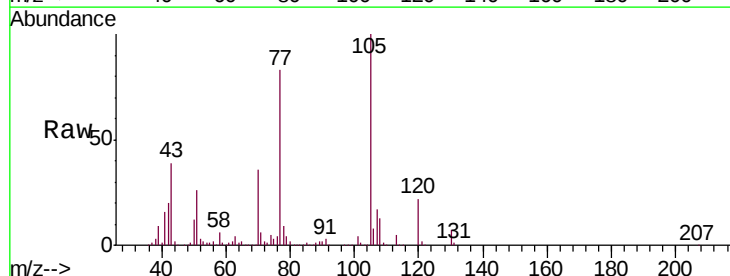
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

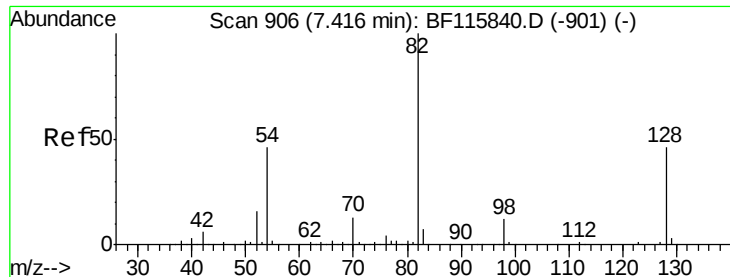
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 572018 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.0   | 13.4   |
| 54       | 7.1   | 5.8   | 8.6    |
| 68       | 6.4   | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 46.539 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 583836 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.3   | 5.9   | 8.9    |
| 51       | 26.3  | 25.3  | 37.9   |
| 120      | 21.9  | 17.9  | 26.9   |

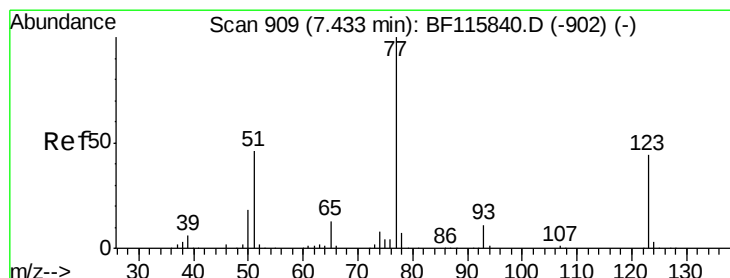
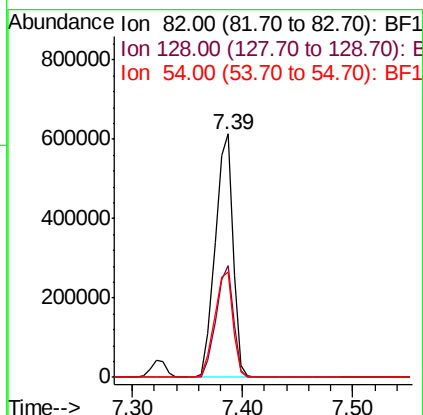
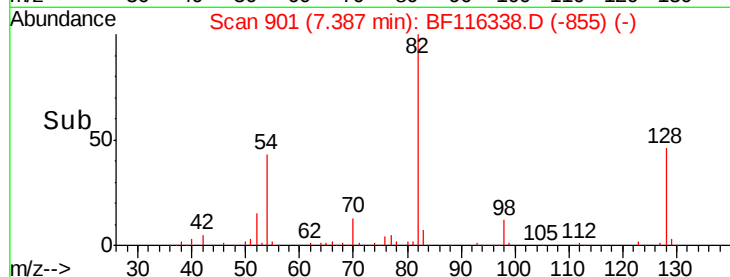
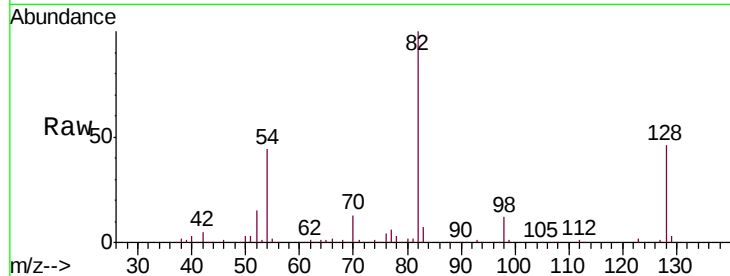




#23  
Nitrobenzene-d5  
Concen: 68.995 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

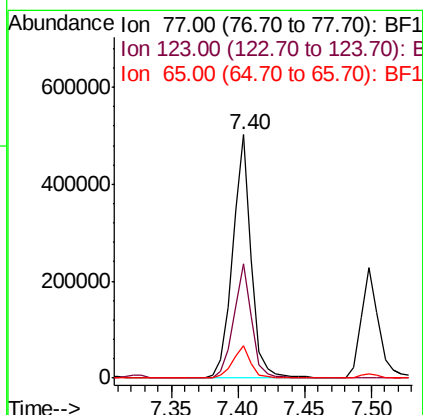
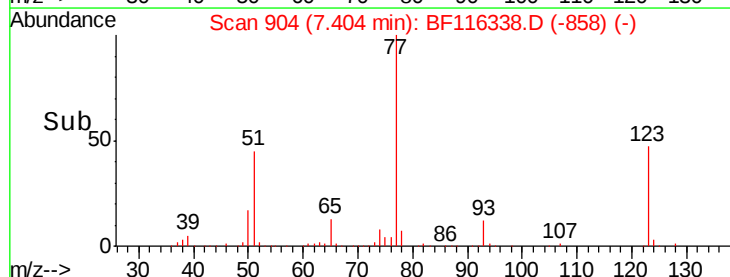
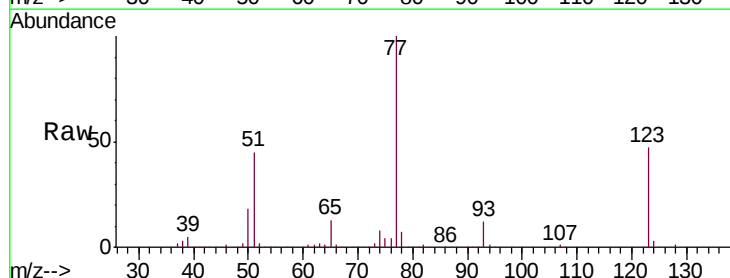
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

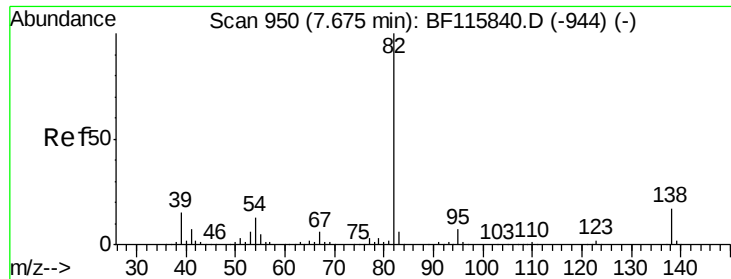
Tgt Ion: 82 Resp: 683722  
Ion Ratio Lower Upper  
82 100  
128 45.9 36.5 54.7  
54 43.5 36.0 54.0



#24  
Nitrobenzene  
Concen: 45.035 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion: 77 Resp: 481879  
Ion Ratio Lower Upper  
77 100  
123 46.8 36.7 55.1  
65 13.4 10.6 16.0





#25

Isophorone

Concen: 45.853 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

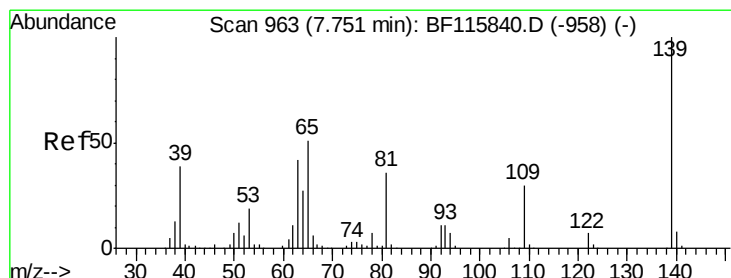
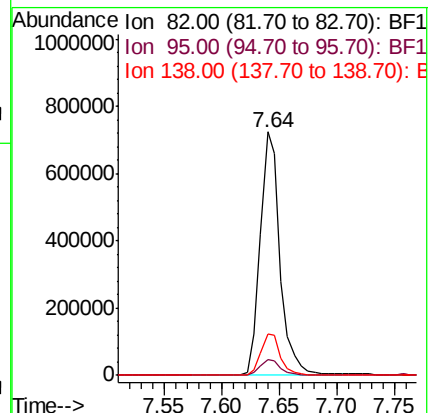
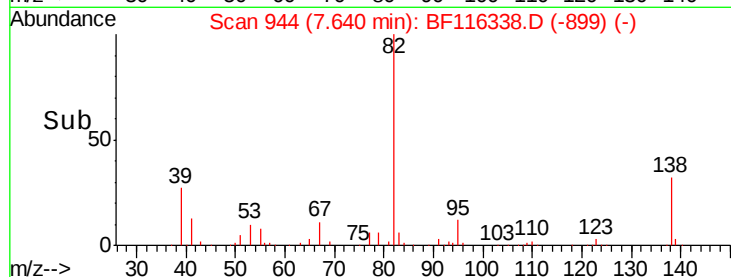
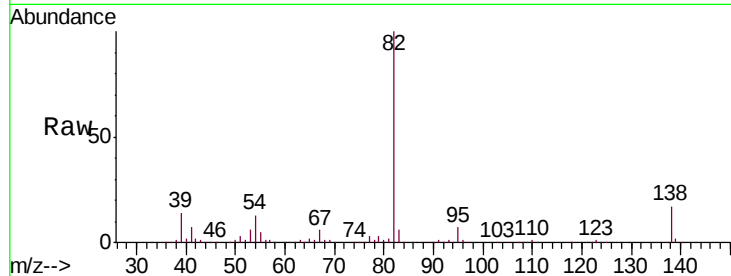
Tgt Ion: 82 Resp: 868860

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 17.0 14.5 21.7



#26

2-Nitrophenol

Concen: 46.402 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

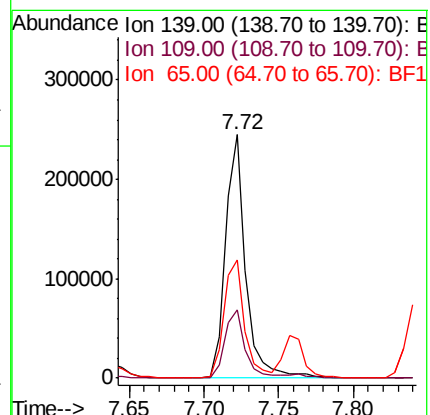
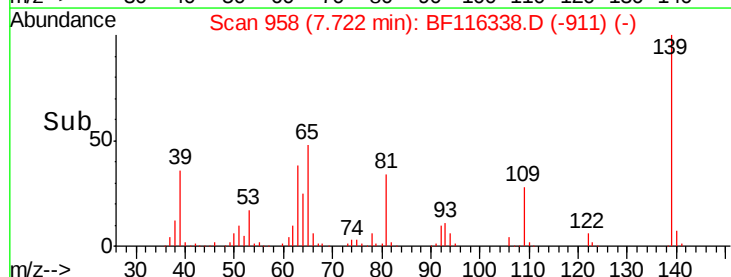
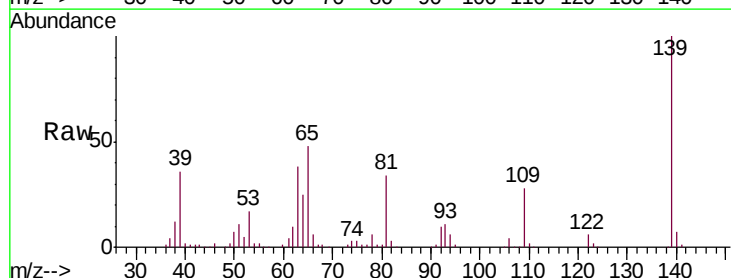
Tgt Ion: 139 Resp: 234043

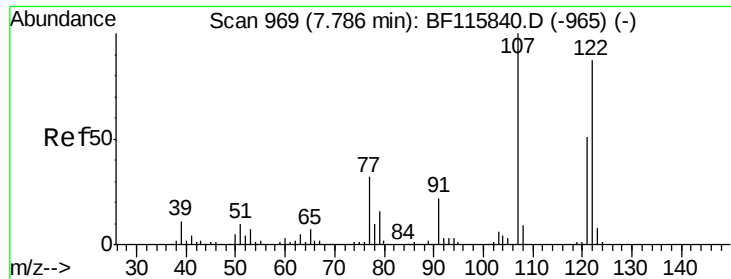
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 48.3 41.1 61.7

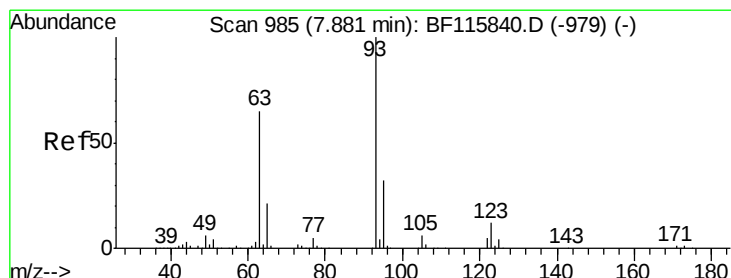
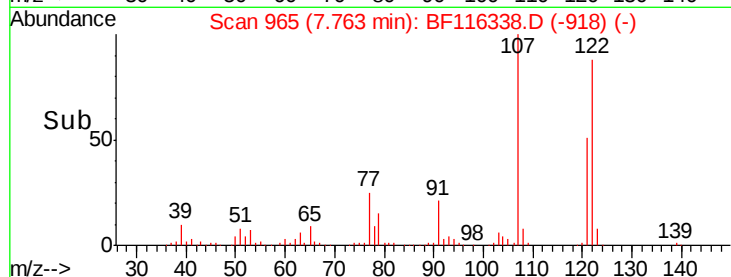
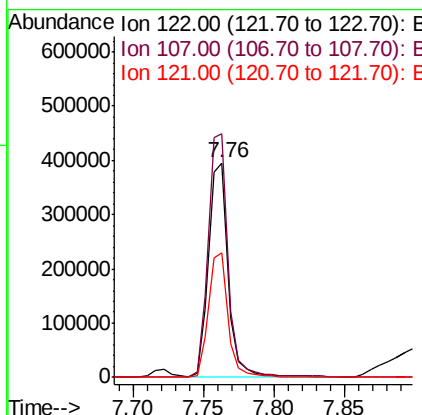
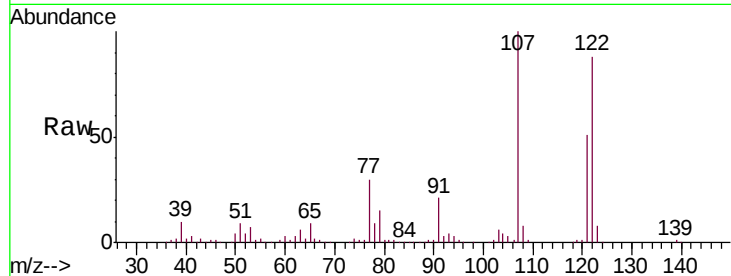




#27  
2,4-Dimethylphenol  
Concen: 50.404 ng  
RT: 7.76 min Scan# 965  
Delta R.T. -0.02 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

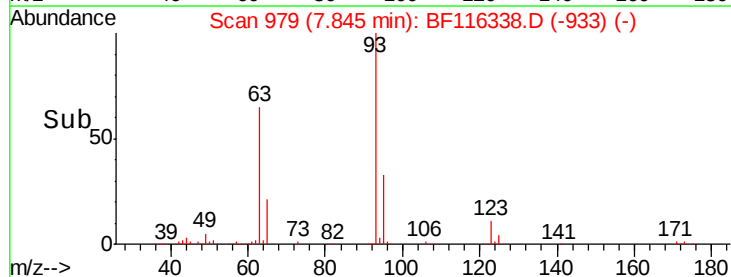
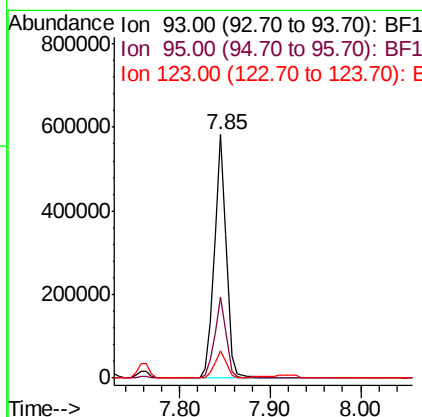
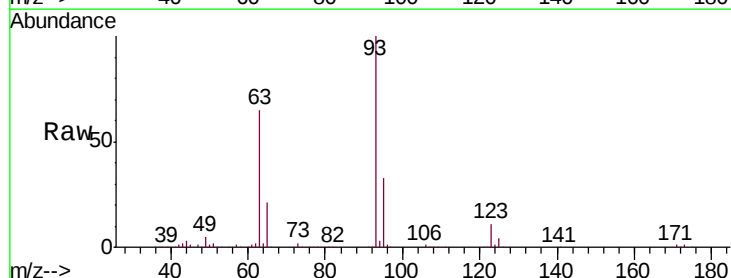
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

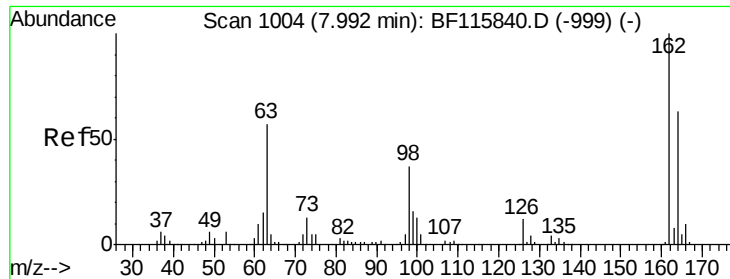
Tgt Ion:122 Resp: 382489  
Ion Ratio Lower Upper  
122 100  
107 113.4 93.0 139.6  
121 58.2 47.6 71.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.550 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion: 93 Resp: 534976  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.2 39.4  
123 11.3 9.2 13.8

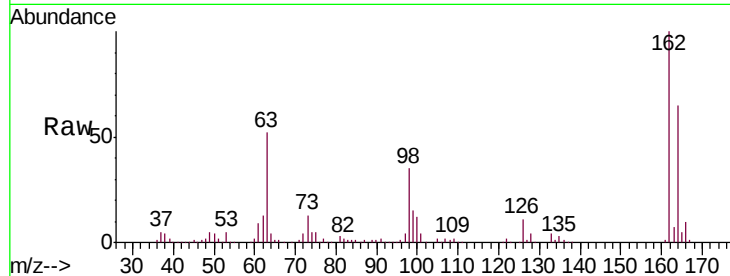




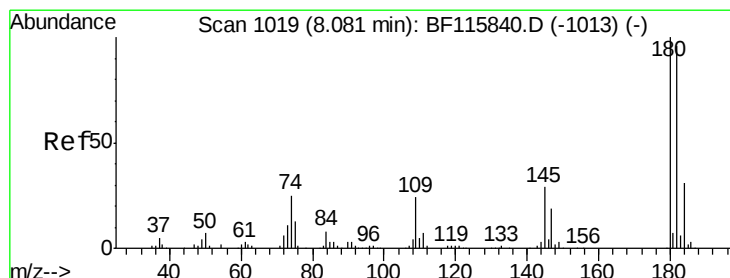
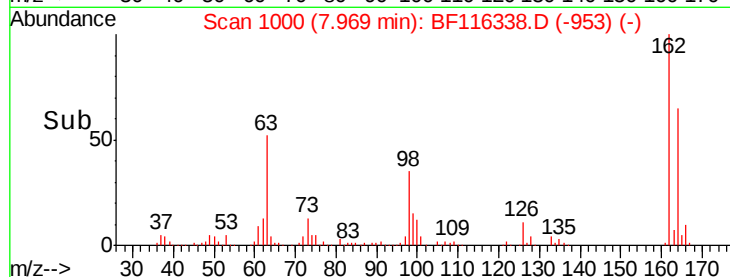
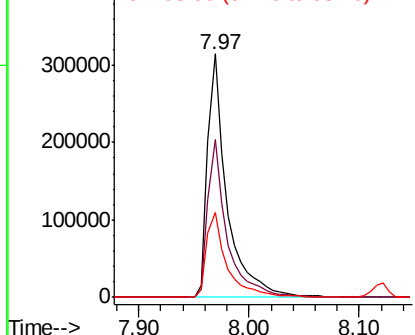
#29  
 2,4-Dichlorophenol  
 Concen: 46.722 ng  
 RT: 7.97 min Scan# 1000  
 Delta R.T. -0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 45.1  | 85.1  |
| 98      | 35.1  | 15.8  | 55.8  |

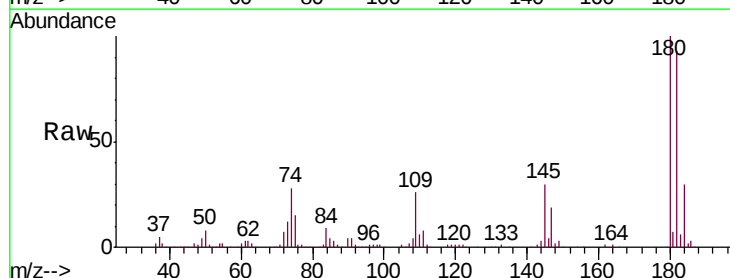


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

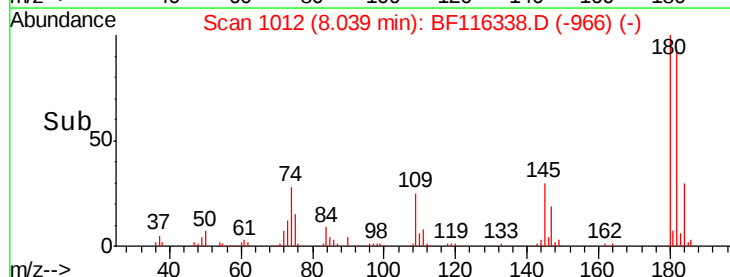
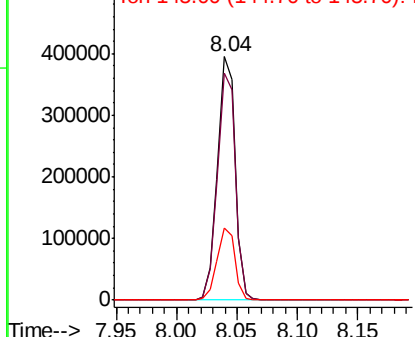


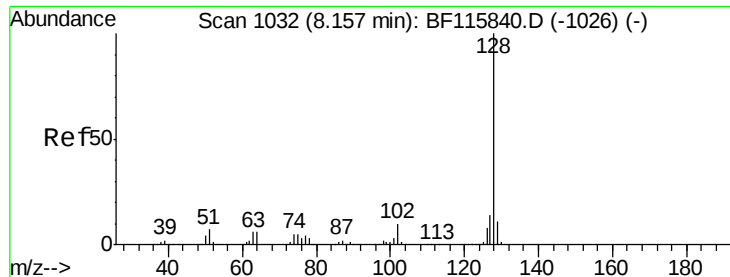
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.725 ng  
 RT: 8.04 min Scan# 1012  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.3  | 75.7  | 113.5 |
| 145     | 29.8  | 24.3  | 36.5  |



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

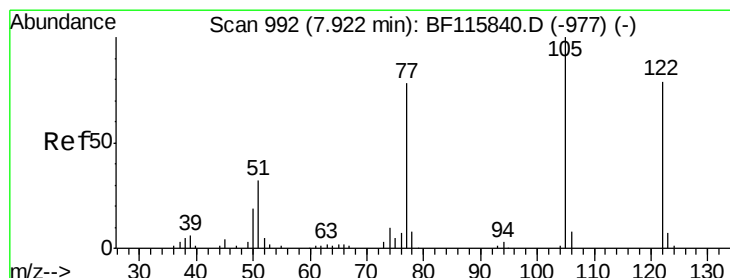
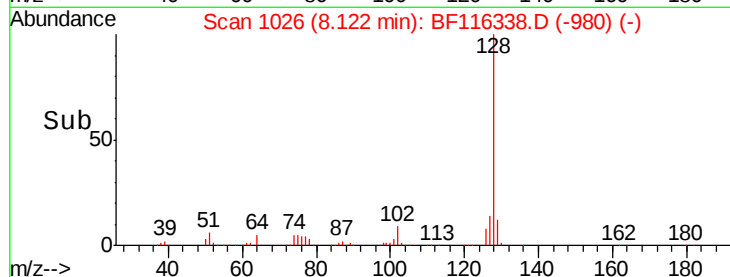
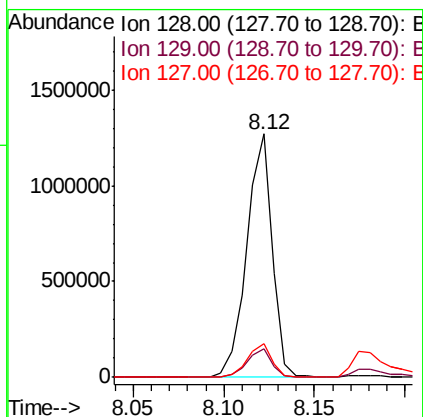
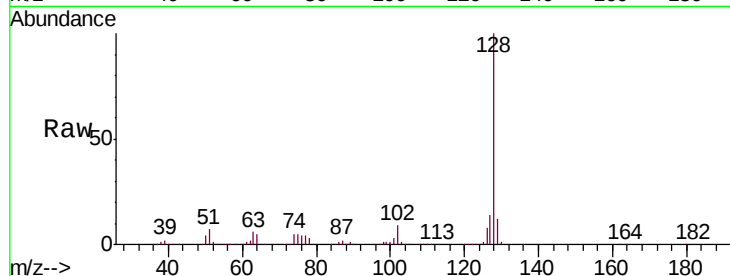




#31  
Naphthalene  
Concen: 45.862 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

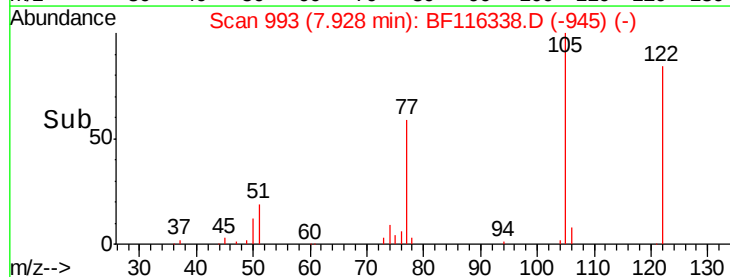
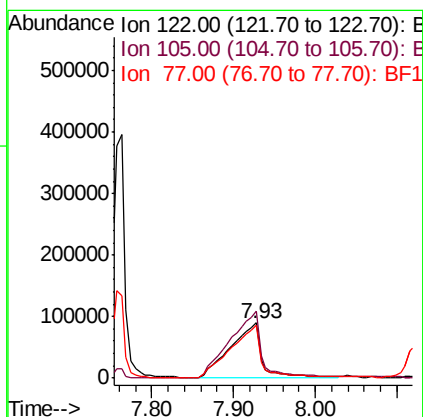
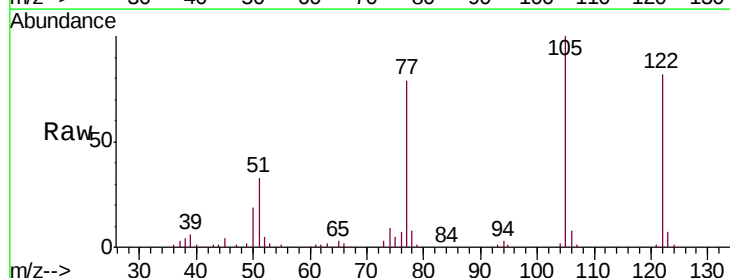
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

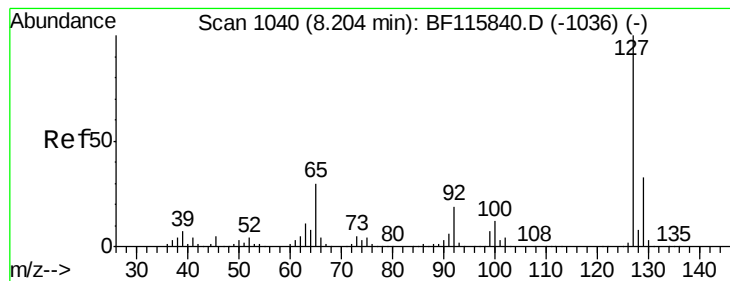
Tgt Ion:128 Resp: 1234519  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.3 13.9  
127 13.8 11.4 17.0



#32  
Benzoic acid  
Concen: 44.026 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.02 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:122 Resp: 235542  
Ion Ratio Lower Upper  
122 100  
105 121.3 106.1 146.1  
77 95.7 76.7 116.7





#33

4-Chloroaniline

Concen: 18.342 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

Tgt Ion:127 Resp: 220602

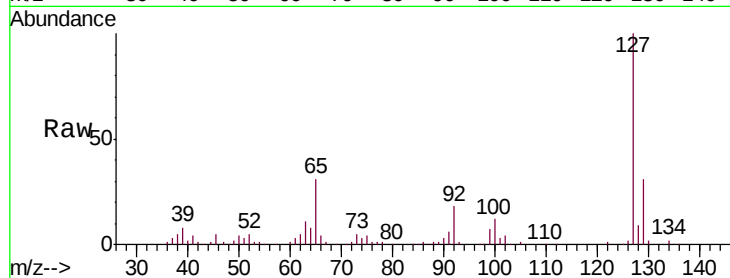
Ion Ratio Lower Upper

127 100

129 30.9 26.1 39.1

65 31.4 24.9 37.3

92 18.0 15.7 23.5

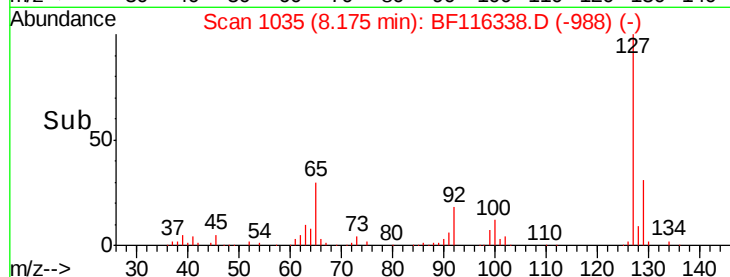


Abundance Ion 127.00 (126.70 to 127.70): E

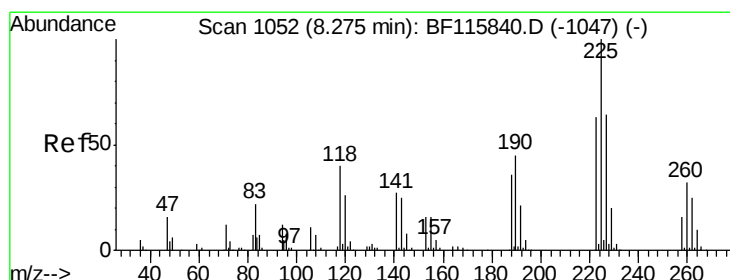
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 42.692 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

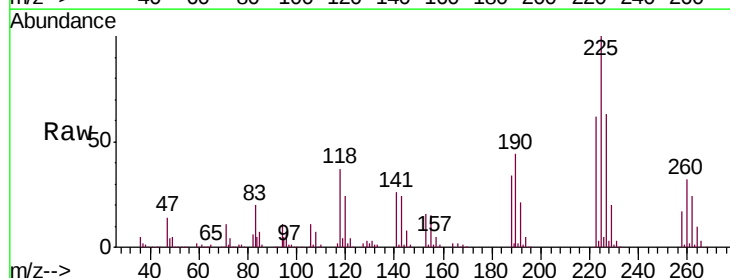
Tgt Ion:225 Resp: 224591

Ion Ratio Lower Upper

225 100

223 62.1 50.0 75.0

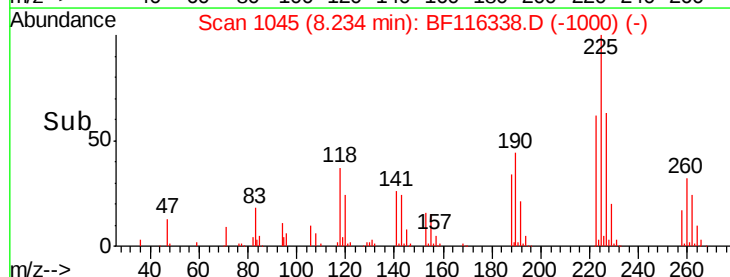
227 62.8 51.0 76.4



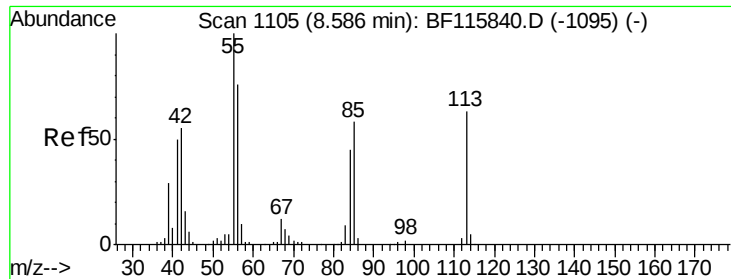
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



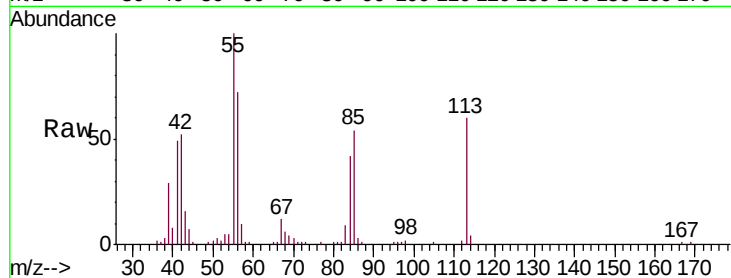
Time-->



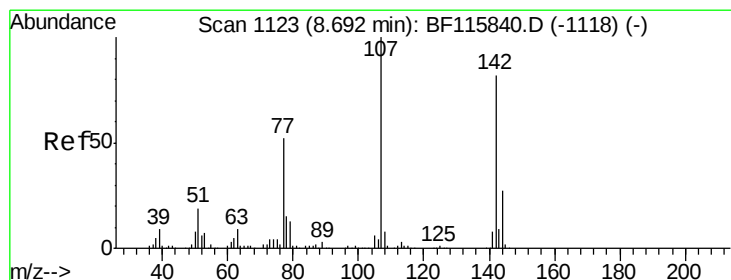
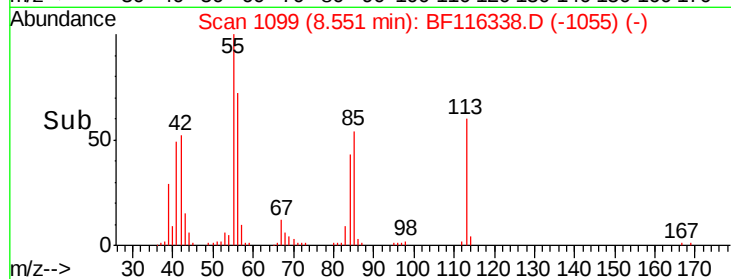
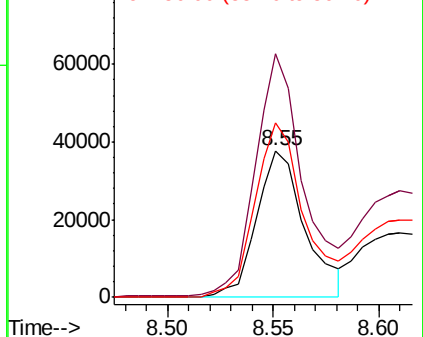
#35  
 Caprolactam  
 Concen: 23.137 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.04 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

Tgt Ion:113 Resp: 59956  
 Ion Ratio Lower Upper  
 113 100  
 55 166.3 144.3 184.3  
 56 119.0 97.1 137.1

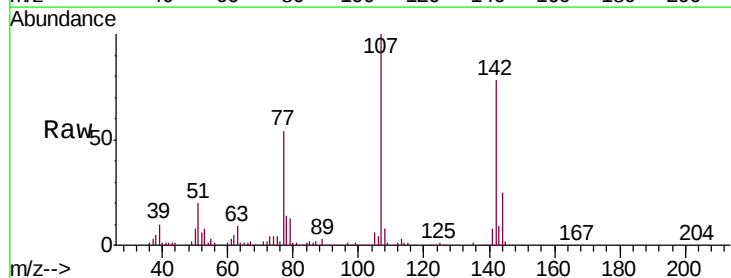


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

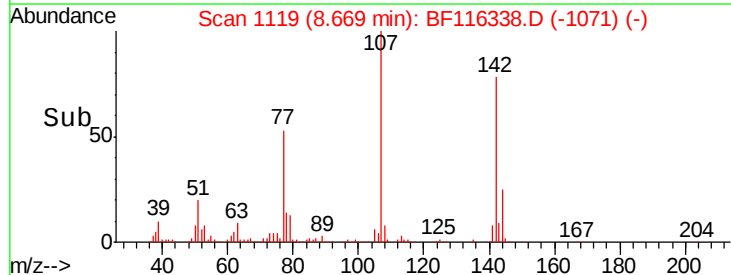
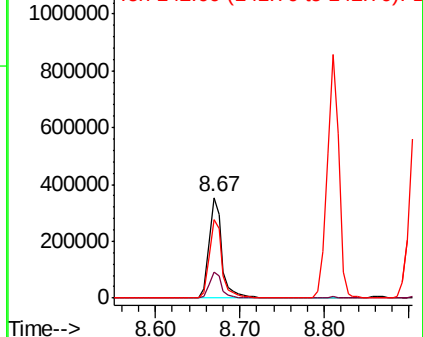


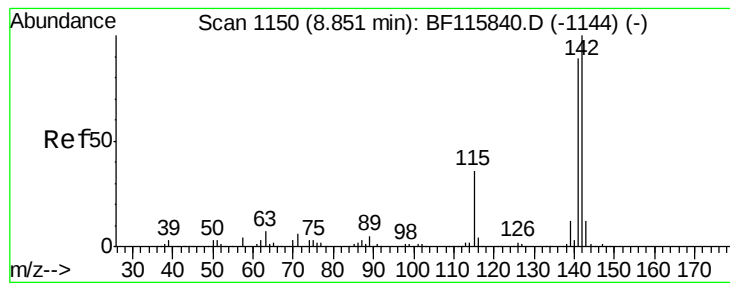
#36  
 4-Chloro-3-methylphenol  
 Concen: 45.845 ng  
 RT: 8.67 min Scan# 1119  
 Delta R.T. -0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion:107 Resp: 382133  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 20.2 30.2  
 142 78.1 61.7 92.5



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

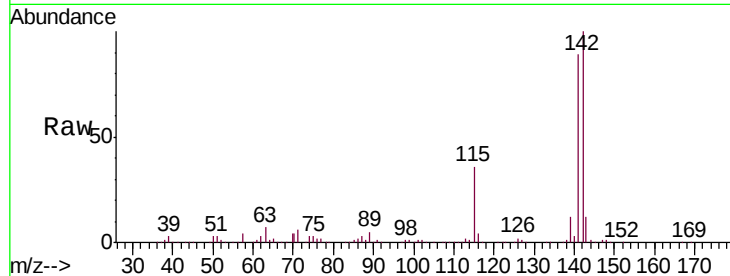




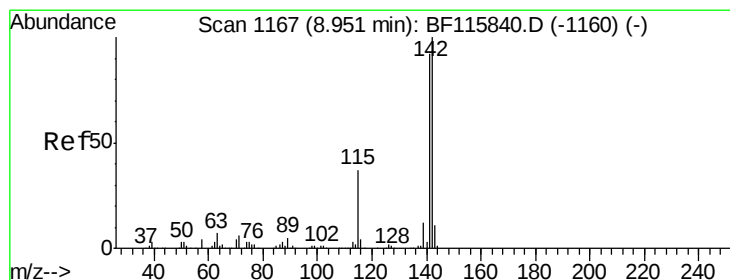
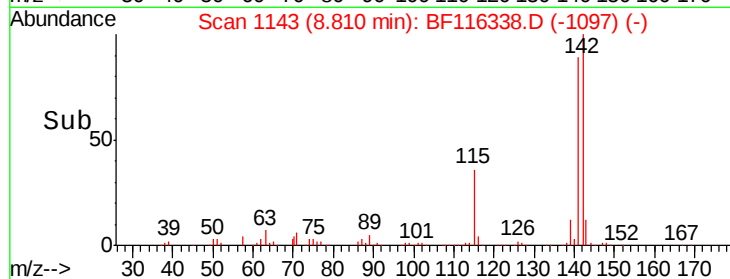
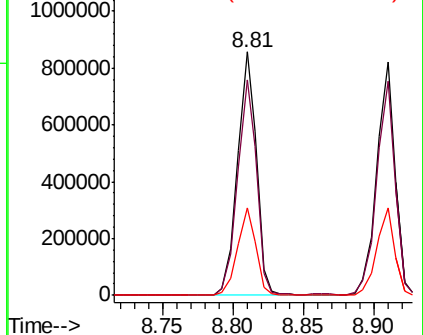
#37  
 2-Methylnaphthalene  
 Concen: 44.999 ng  
 RT: 8.81 min Scan# 1143  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

Tgt Ion:142 Resp: 797731  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 70.9 106.3  
 115 35.9 29.0 43.6

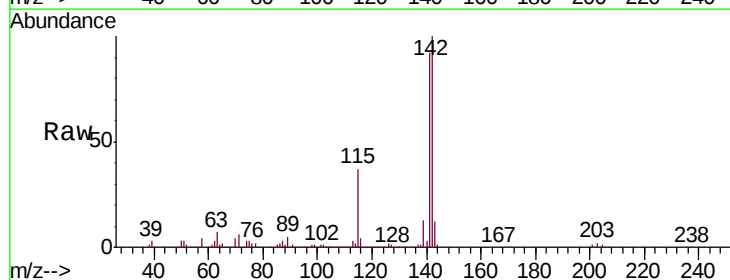


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

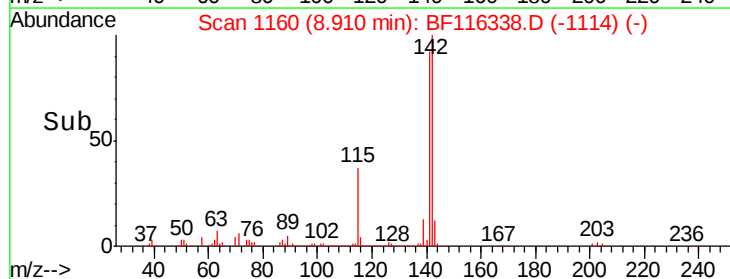
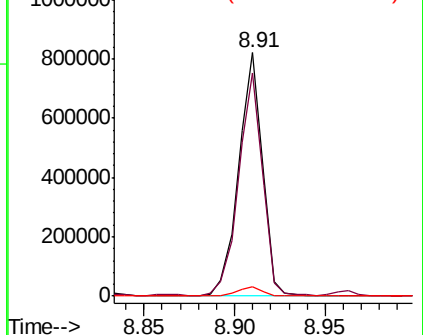


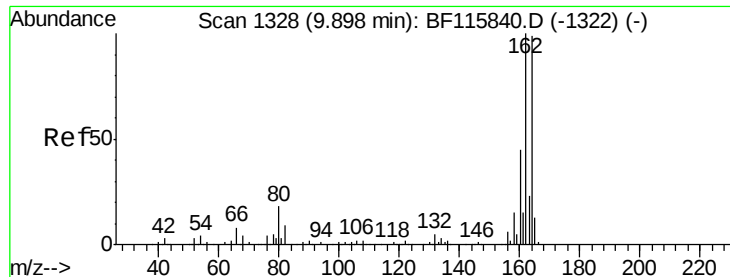
#38  
 1-Methylnaphthalene  
 Concen: 44.315 ng  
 RT: 8.91 min Scan# 1160  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion:142 Resp: 743208  
 Ion Ratio Lower Upper  
 142 100  
 141 91.8 74.4 111.6  
 116 3.8 3.1 4.7



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

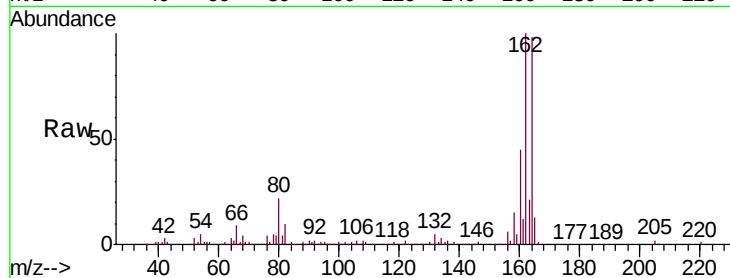
Tgt Ion:164 Resp: 284854

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

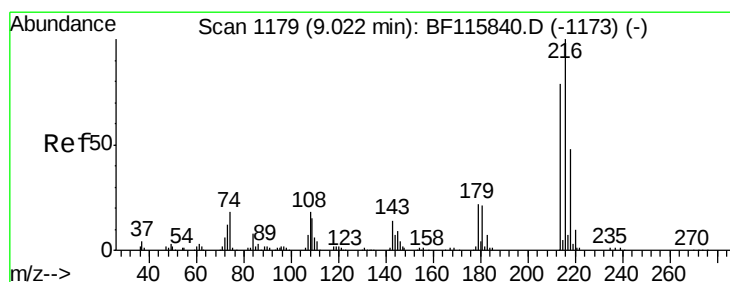
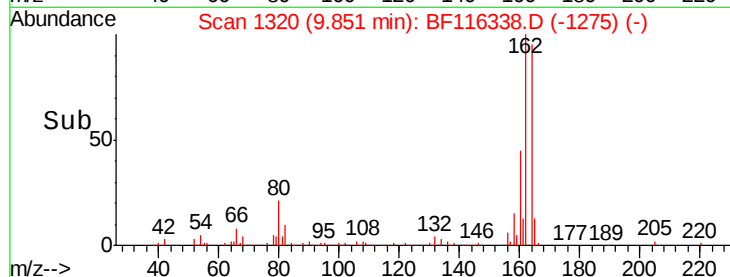
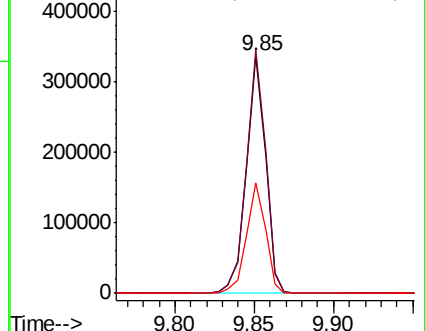
160 46.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.753 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Tgt Ion:216 Resp: 363657

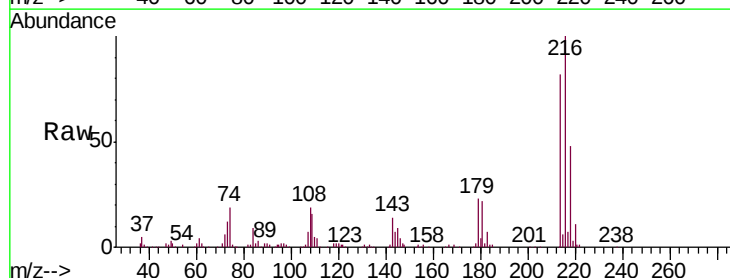
Ion Ratio Lower Upper

216 100

214 81.1 63.6 95.4

179 22.3 17.8 26.8

108 20.6 16.5 24.7

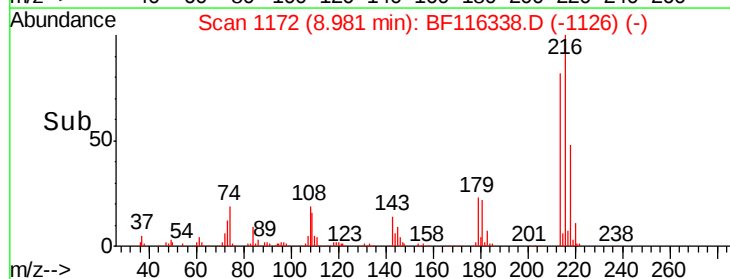
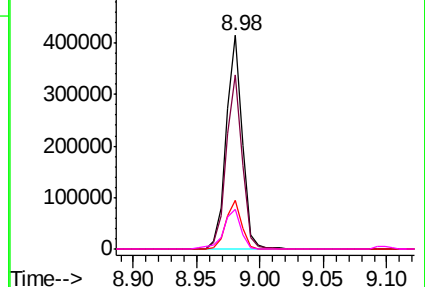


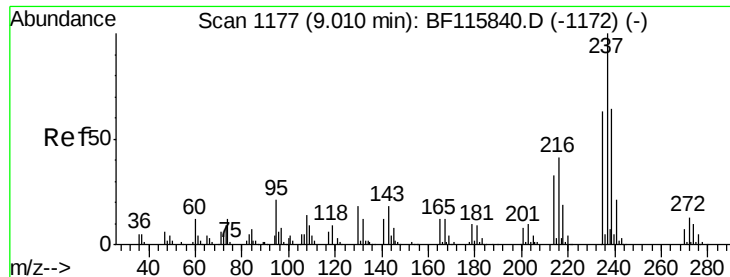
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.392 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

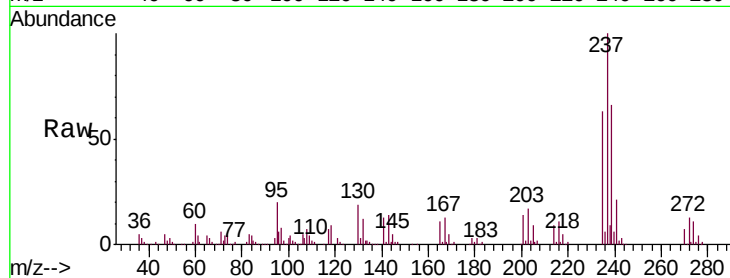
Tgt Ion:237 Resp: 101421

Ion Ratio Lower Upper

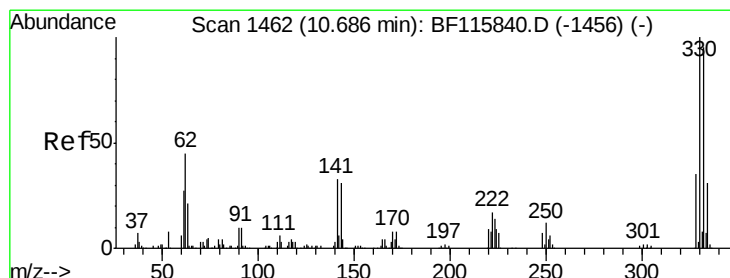
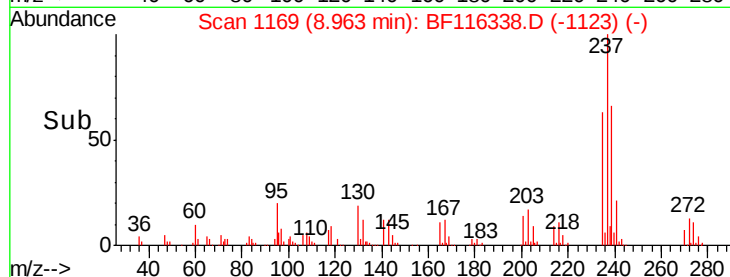
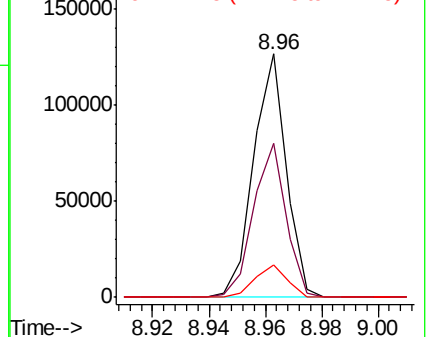
237 100

235 63.4 43.4 83.4

272 13.5 0.0 33.2



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: 86.544 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

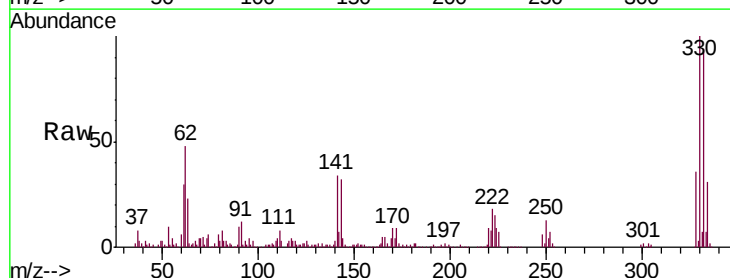
Tgt Ion:330 Resp: 239012

Ion Ratio Lower Upper

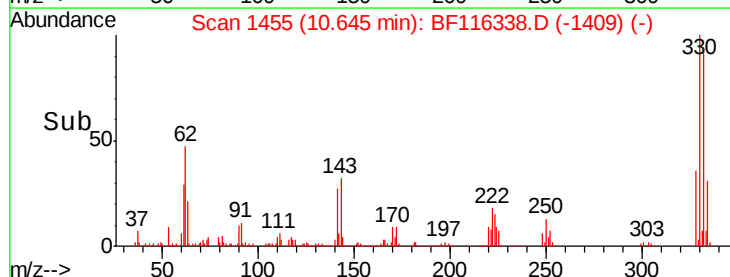
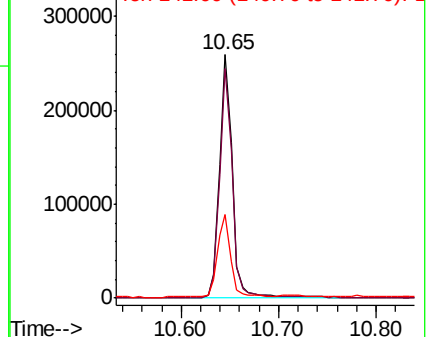
330 100

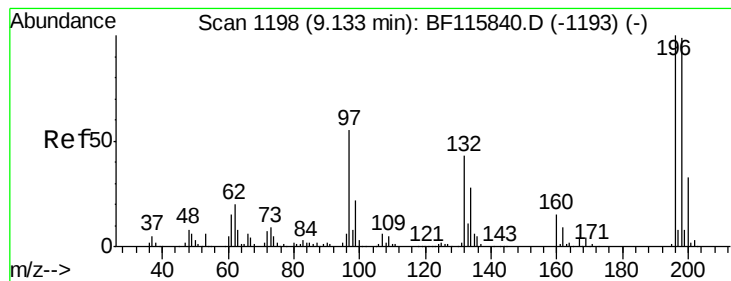
332 95.2 76.8 115.2

141 34.8 26.3 39.5



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





#43

2,4,6-Trichlorophenol

Concen: 44.598 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

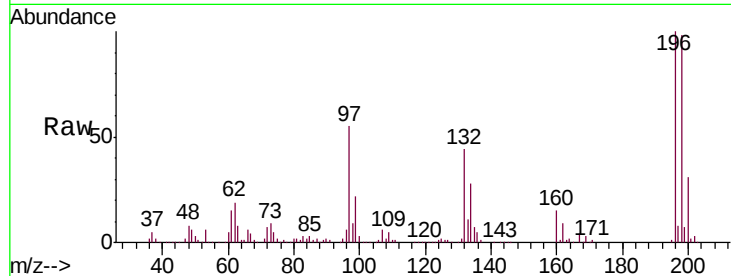
Tgt Ion:196 Resp: 233769

Ion Ratio Lower Upper

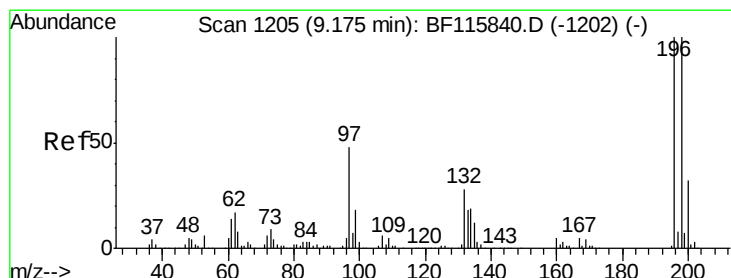
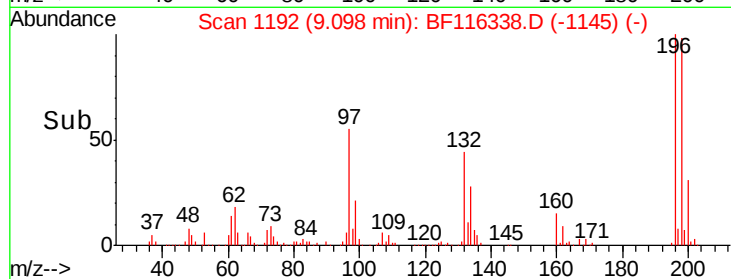
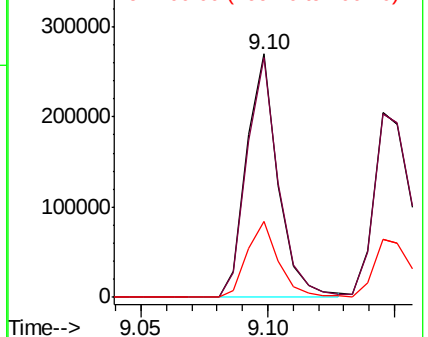
196 100

198 98.5 79.2 118.8

200 31.4 25.2 37.8



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: 44.904 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Tgt Ion:196 Resp: 243308

Ion Ratio Lower Upper

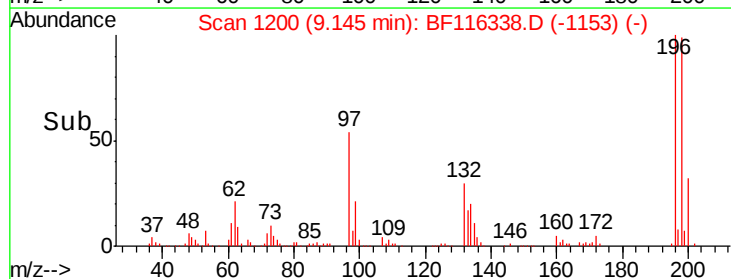
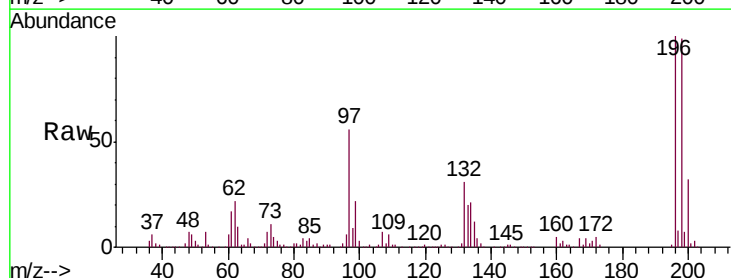
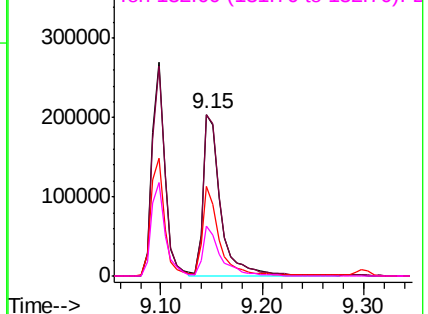
196 100

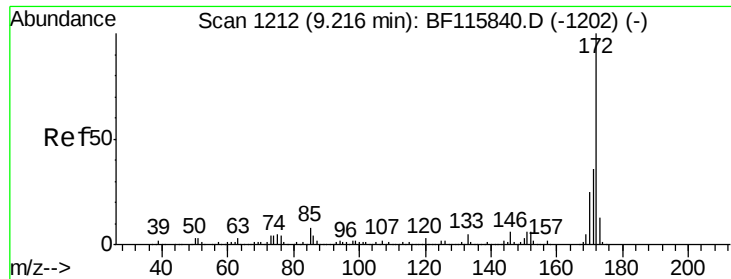
198 99.5 78.8 118.2

97 55.6 42.2 63.4

132 31.2 24.0 36.0

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF1  
Ion 132.00 (131.70 to 132.70): E

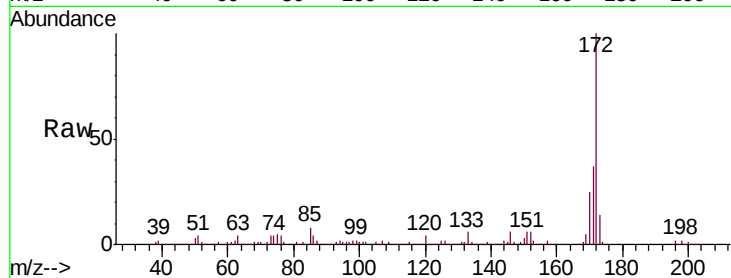




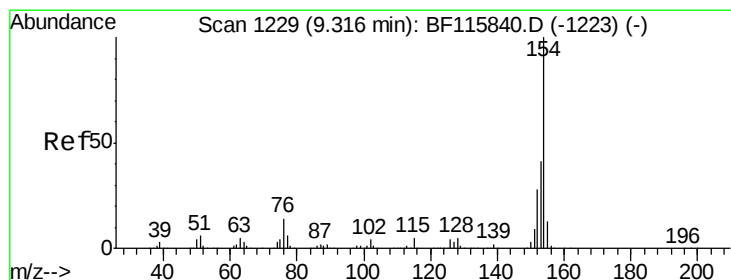
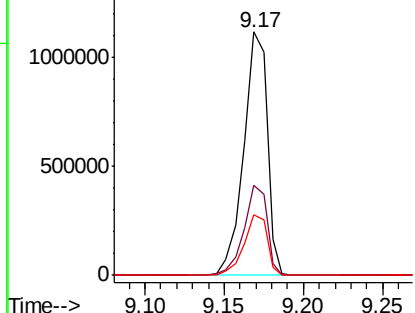
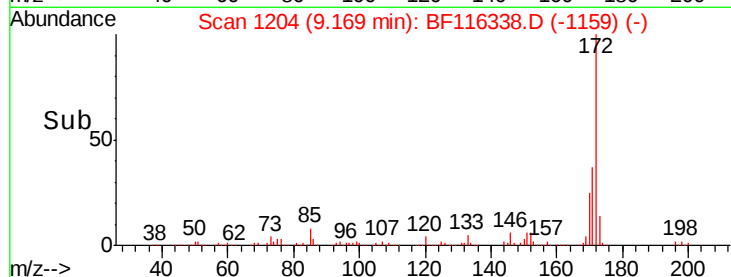
#45  
 2-Fluorobiphenyl  
 Concen: 75.715 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.04 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

Tgt Ion:172 Resp: 1151464  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.6 44.4  
 170 24.7 20.1 30.1

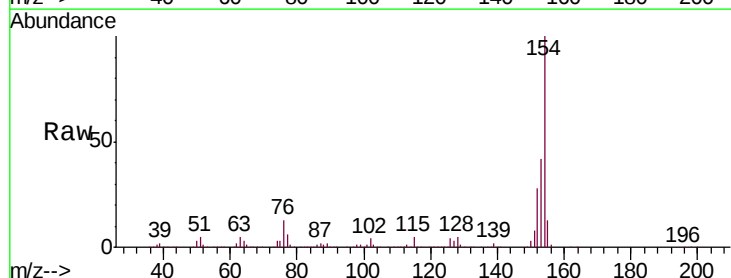


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

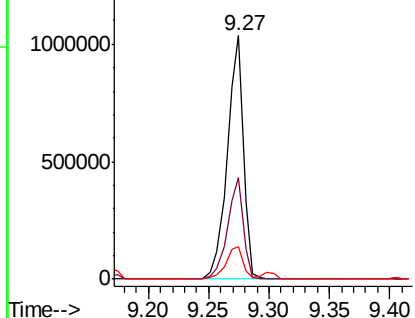
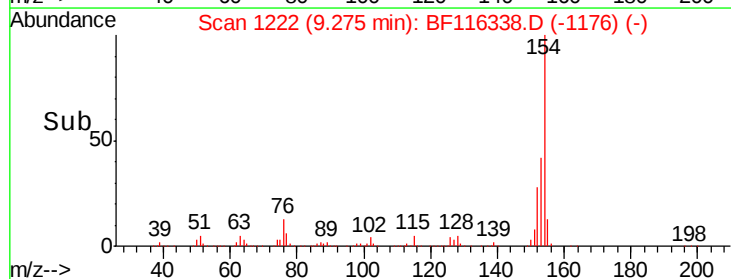


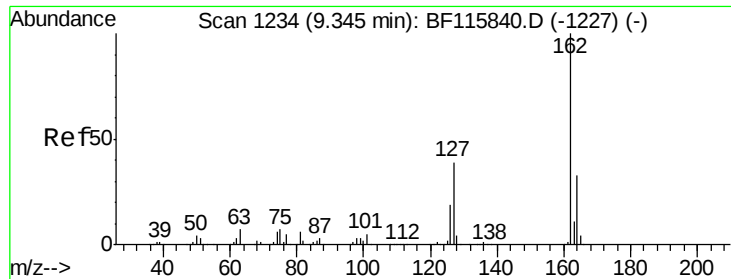
#46  
 1,1'-Biphenyl  
 Concen: 47.712 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion:154 Resp: 959515  
 Ion Ratio Lower Upper  
 154 100  
 153 41.5 21.4 61.4  
 76 13.4 0.0 35.2



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

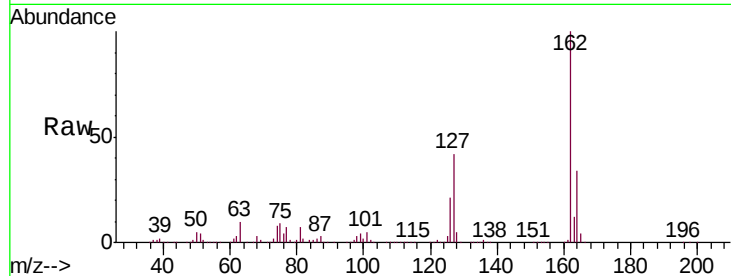




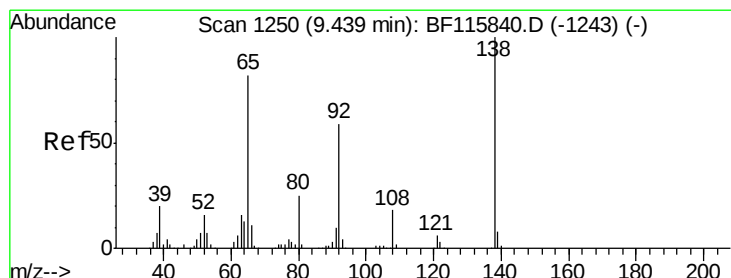
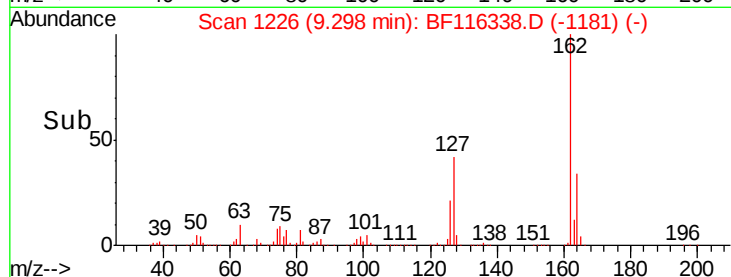
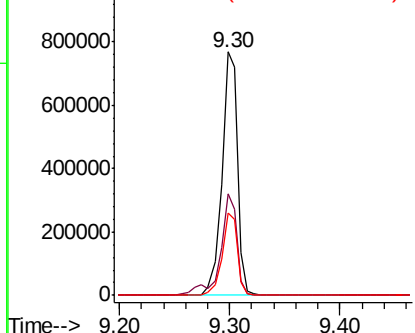
#47  
 2-Chloronaphthalene  
 Concen: 45.148 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.04 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.6  | 32.8  | 49.2  |
| 164     | 33.7  | 26.6  | 39.8  |

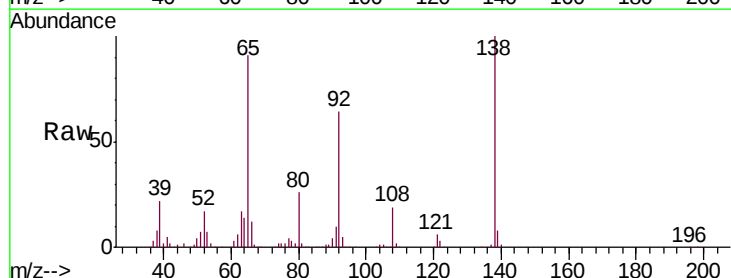


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

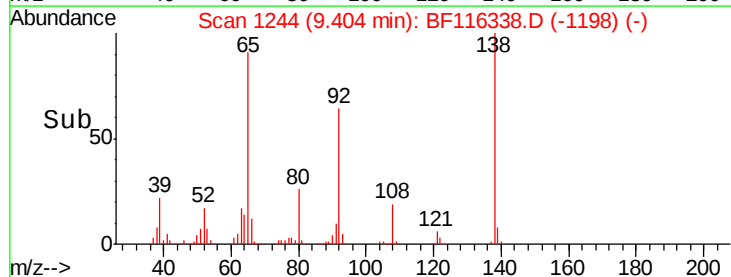
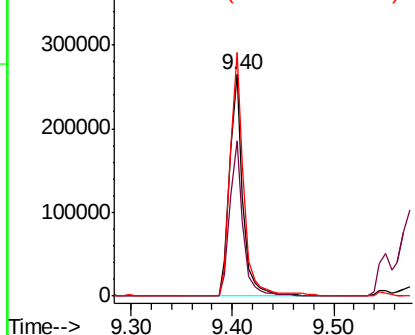


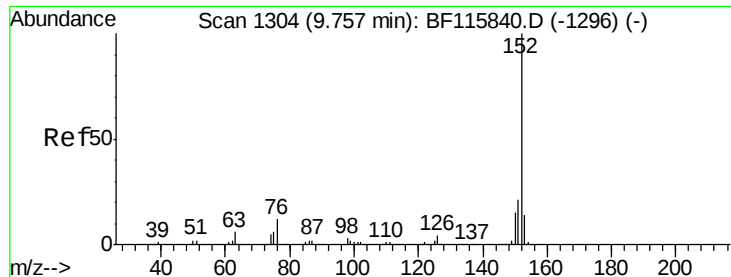
#48  
 2-Nitroaniline  
 Concen: 43.606 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.1  | 57.8  | 86.8  |
| 138     | 110.0 | 94.0  | 141.0 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.199 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

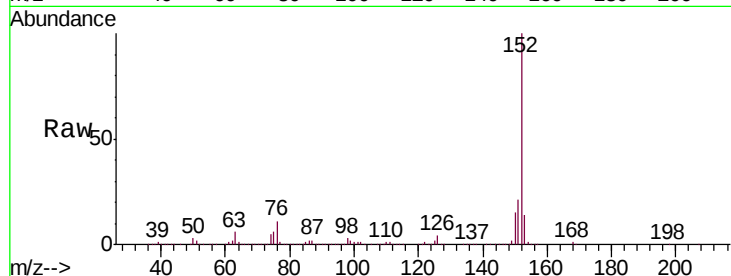
Tgt Ion:152 Resp: 1103726

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

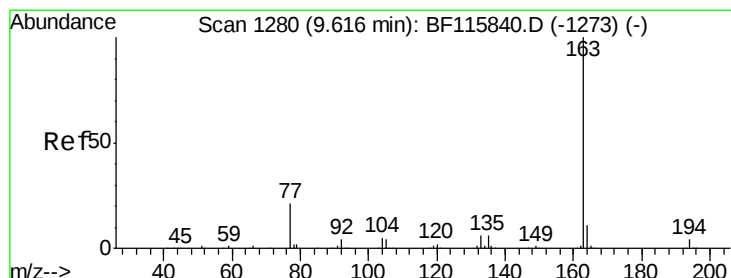
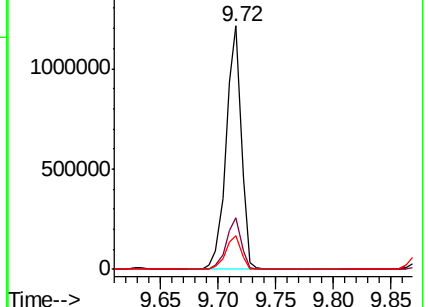
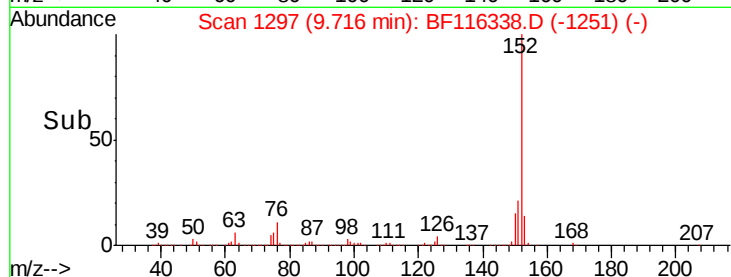
153 14.0 11.8 17.8



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: 54.652 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

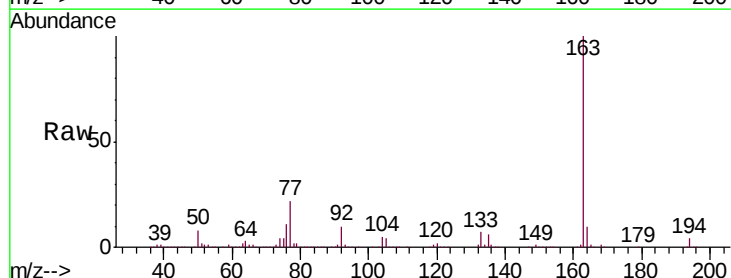
Tgt Ion:163 Resp: 1059997

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

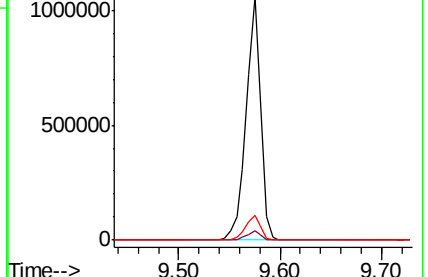
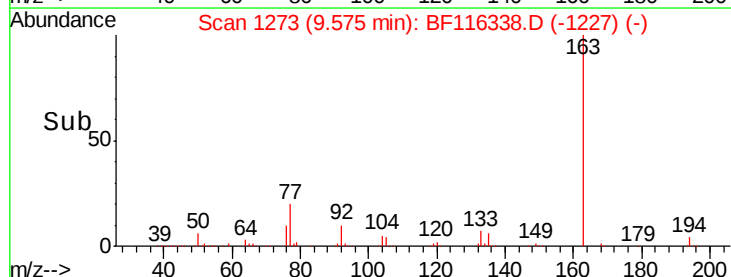
164 10.4 8.4 12.6

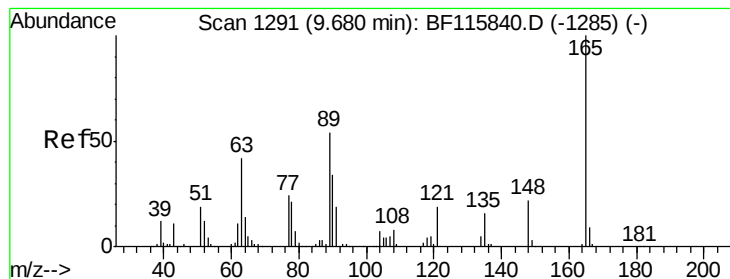


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.872 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

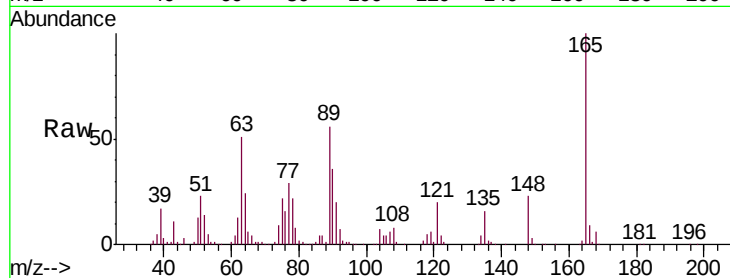
Tgt Ion:165 Resp: 197565

Ion Ratio Lower Upper

165 100

63 51.0 38.2 57.2

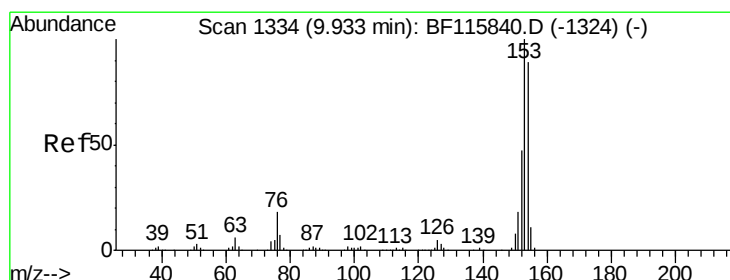
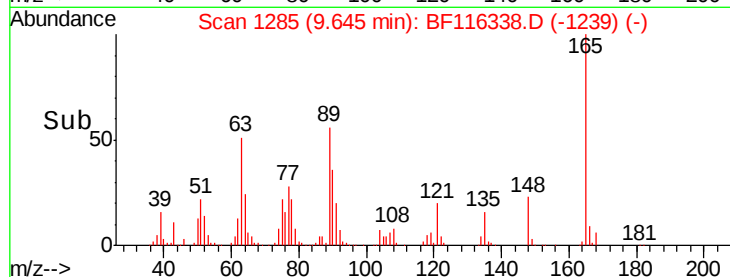
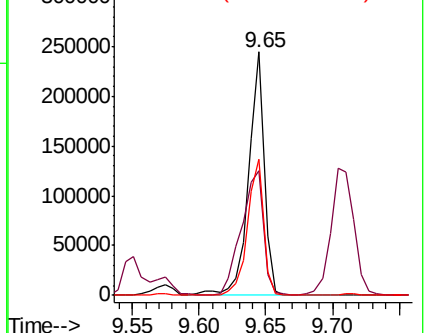
89 56.1 42.9 64.3



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: 45.971 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

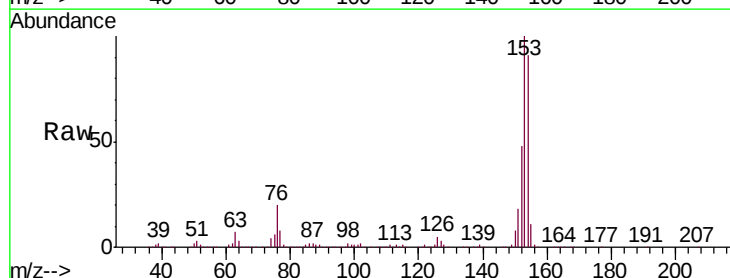
Tgt Ion:154 Resp: 688681

Ion Ratio Lower Upper

154 100

153 109.9 89.4 134.0

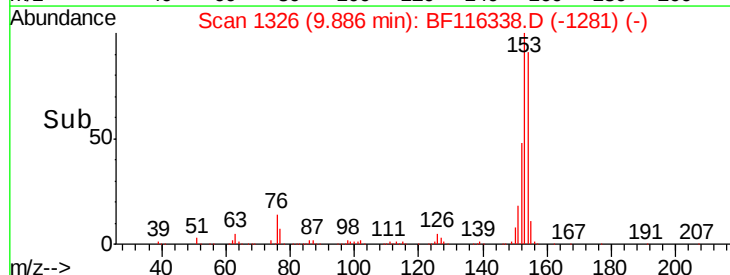
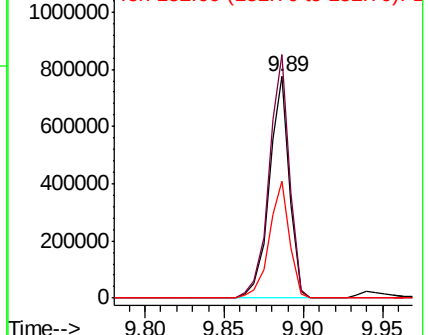
152 52.8 42.3 63.5

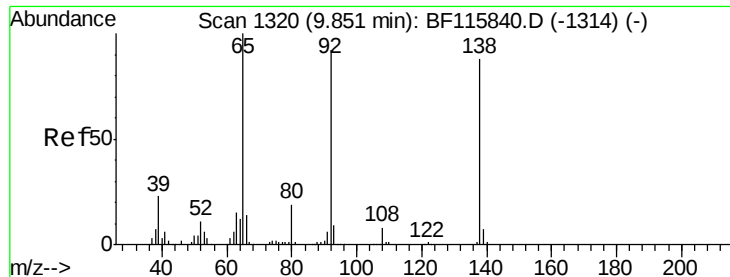


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

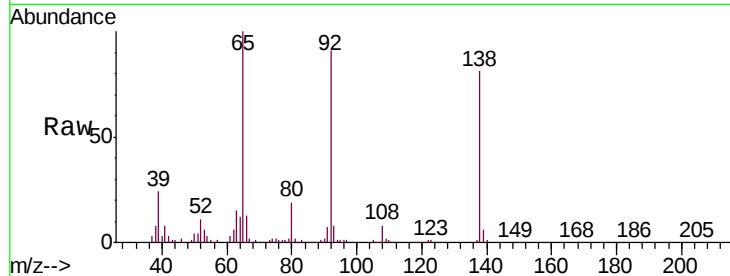




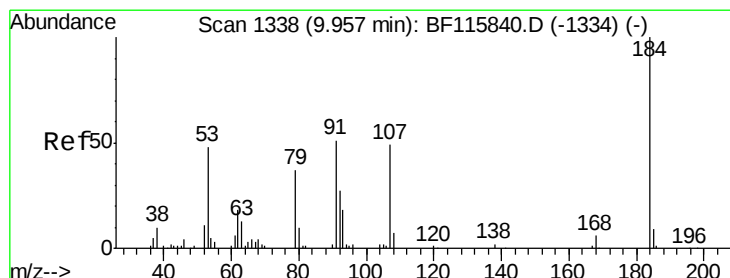
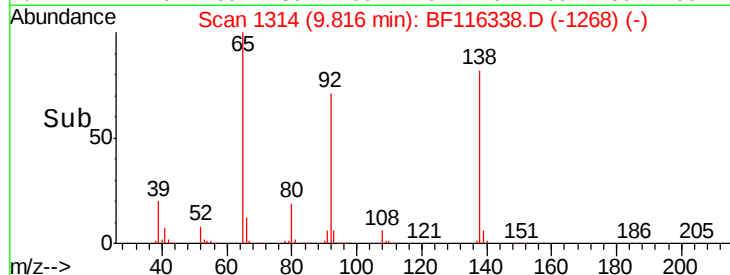
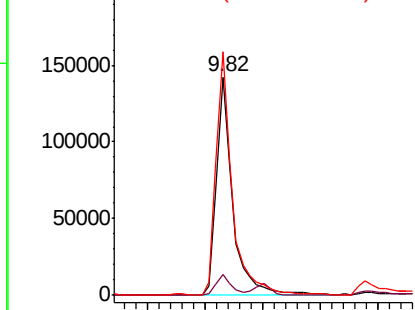
#53  
 3-Nitroaniline  
 Concen: 26.692 ng  
 RT: 9.82 min Scan# 1314  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

Tgt Ion:138 Resp: 139017  
 Ion Ratio Lower Upper  
 138 100  
 108 9.7 8.0 12.0  
 92 111.5 91.0 136.6

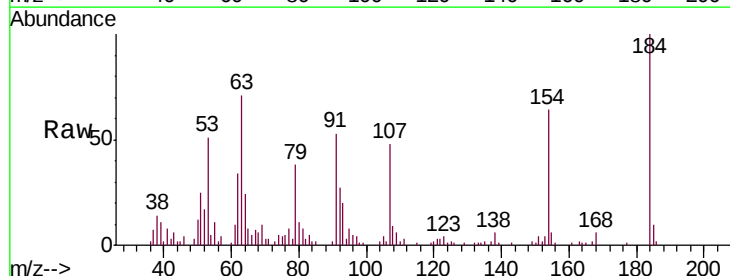


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

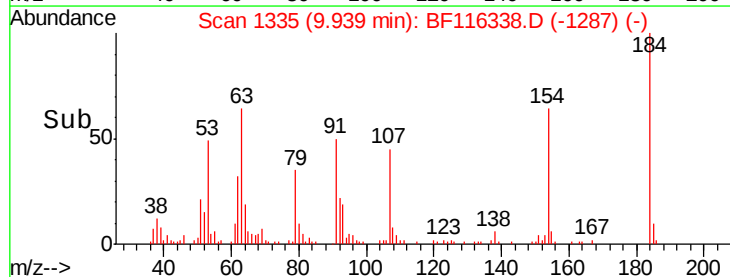
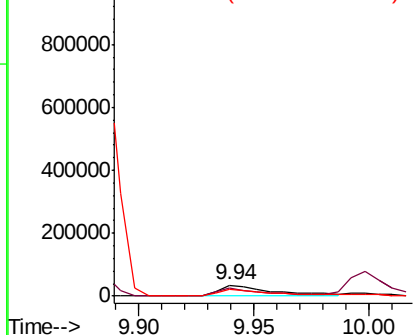


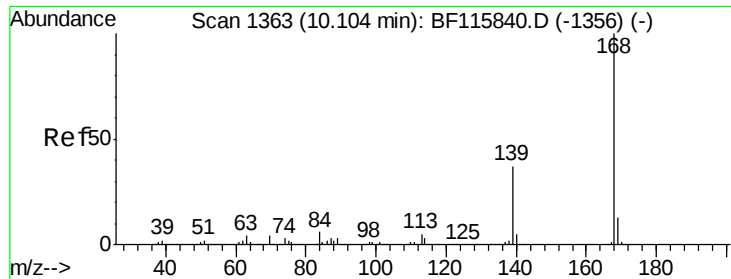
#54  
 2,4-Dinitrophenol  
 Concen: 31.339 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. -0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

Tgt Ion:184 Resp: 55895  
 Ion Ratio Lower Upper  
 184 100  
 63 70.9 53.0 79.4  
 154 64.2 50.1 75.1



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

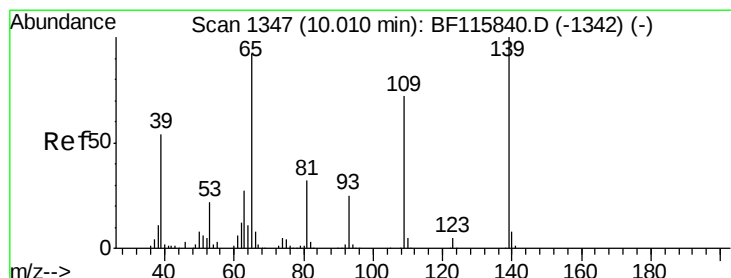
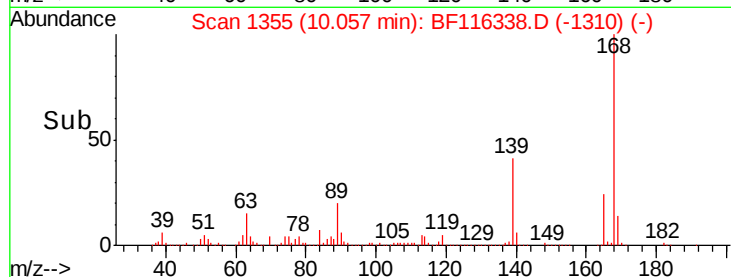
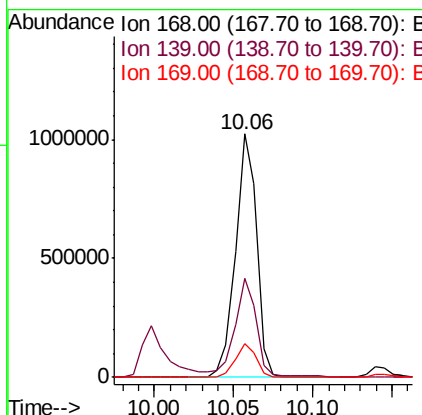
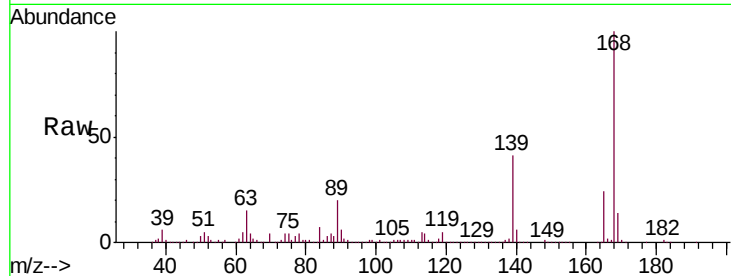




#55  
Dibenzenofuran  
Concen: 43.352 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

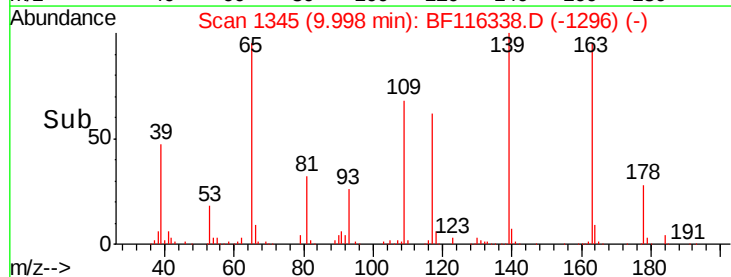
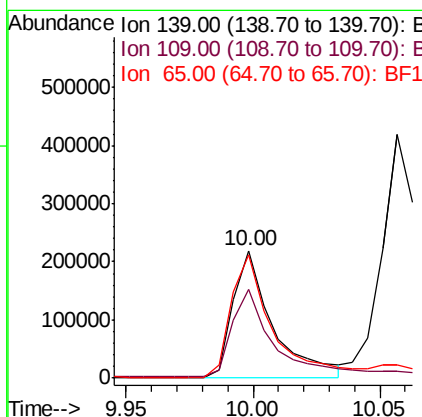
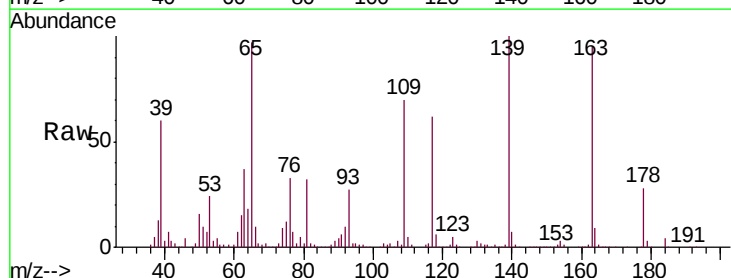
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

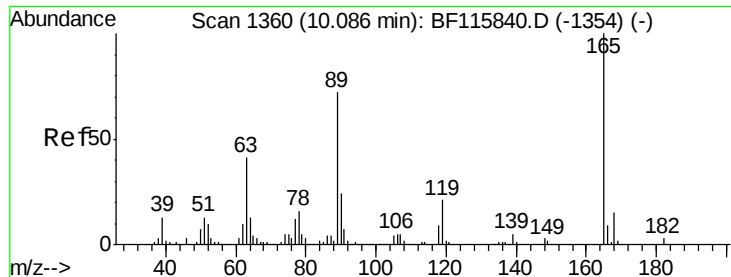
Tgt Ion:168 Resp: 944457  
Ion Ratio Lower Upper  
168 100  
139 40.9 31.4 47.2  
169 13.9 10.9 16.3



#56  
4-Nitrophenol  
Concen: 72.228 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:139 Resp: 240975  
Ion Ratio Lower Upper  
139 100  
109 69.5 54.4 94.4  
65 96.6 80.6 120.6

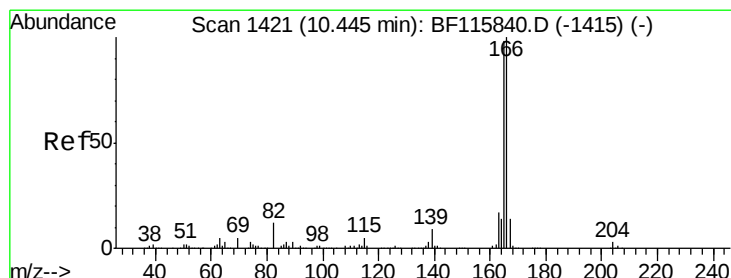
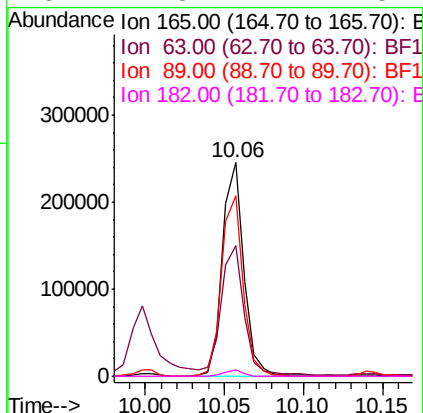
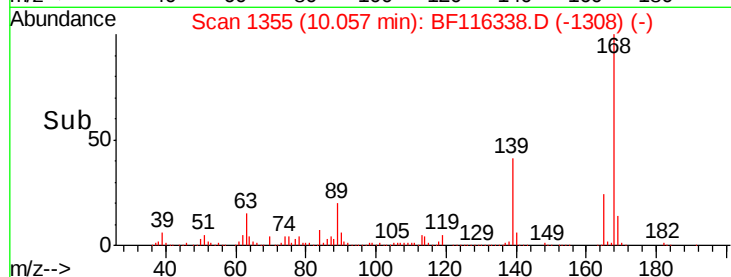
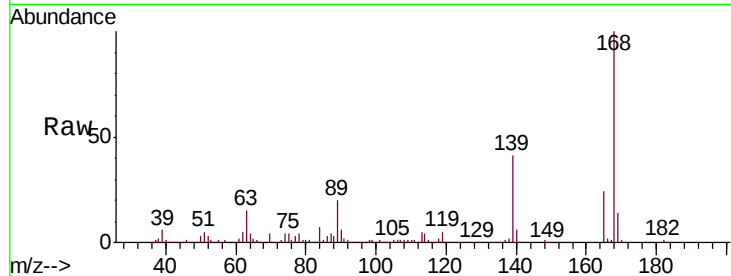




#57  
 2,4-Dinitrotoluene  
 Concen: 40.301 ng  
 RT: 10.06 min Scan# 1355  
 Delta R.T. -0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

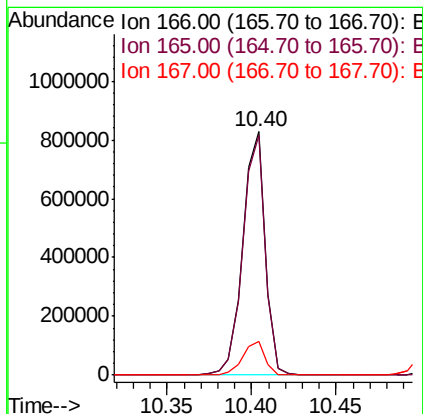
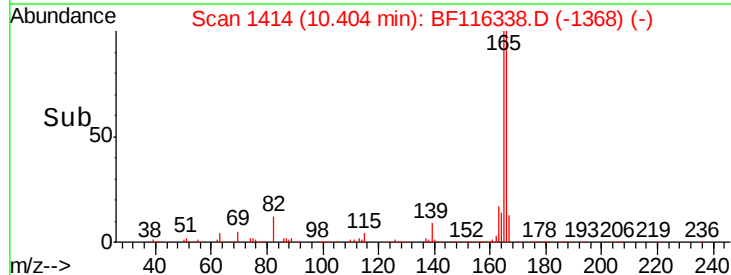
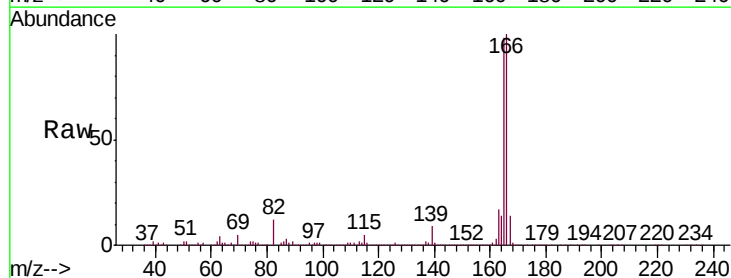
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

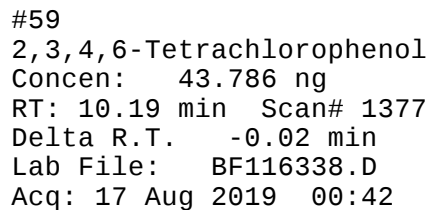
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 226163 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 61.3  | 39.6  | 59.4#  |
| 89       | 84.6  | 62.2  | 93.2   |
| 182      | 2.8   | 2.1   | 3.1    |



#58  
 Fluorene  
 Concen: 45.557 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 763598 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.3  | 78.4  | 117.6  |
| 167      | 13.6  | 11.0  | 16.4   |

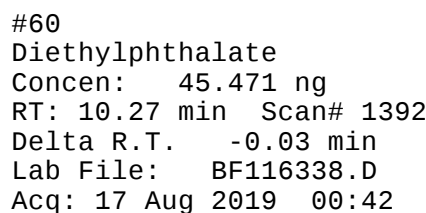
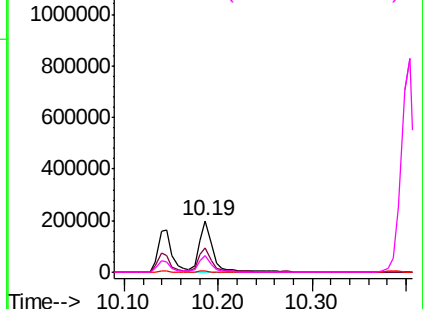
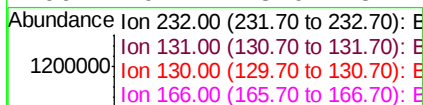




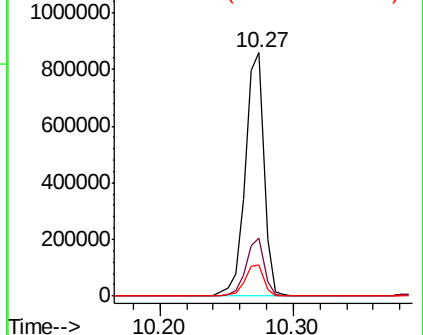
**Instrument :**  
BNA\_F

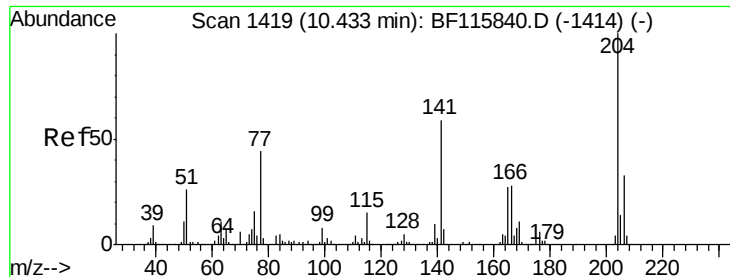
**ClientSampleId :**  
RBR-200057-200054MS

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:232 | Resp: | 199599 |
| Ion | Ratio   | Lower | Upper  |
| 232 | 100     |       |        |
| 131 | 45.0    | 36.2  | 54.2   |
| 130 | 2.6     | 1.9   | 2.9    |
| 166 | 29.2    | 23.0  | 34.4   |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:149 | Resp: | 823383 |
| Ion | Ratio   | Lower | Upper  |
| 149 | 100     |       |        |
| 177 | 23.6    | 18.8  | 28.2   |
| 150 | 12.8    | 10.2  | 15.4   |

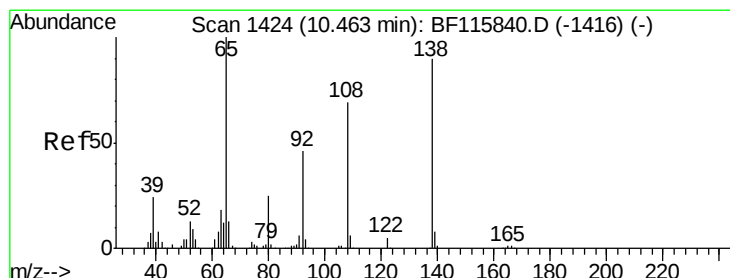
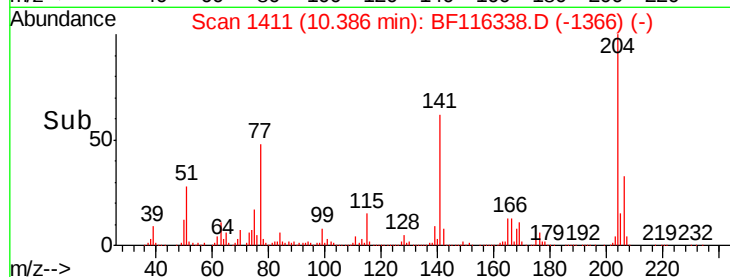
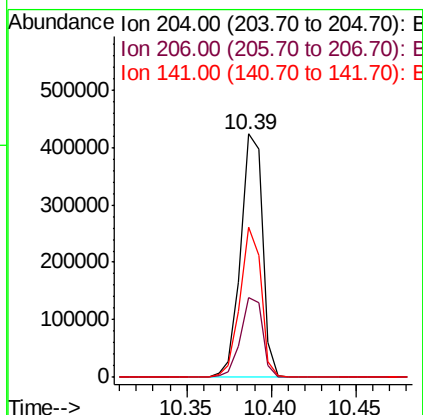
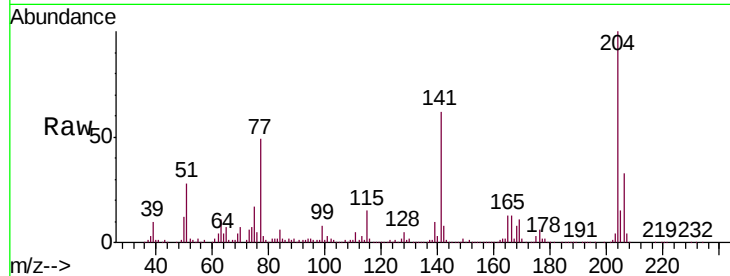




#61  
4-Chlorophenyl-phenylether  
Concen: 45.358 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

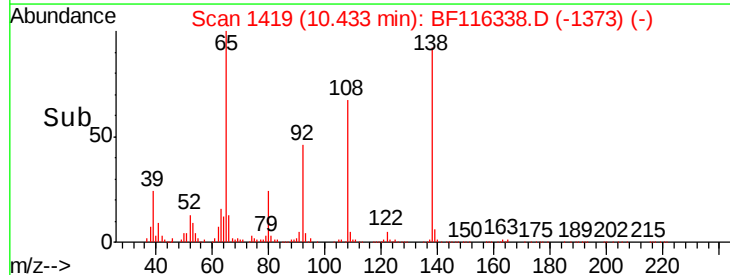
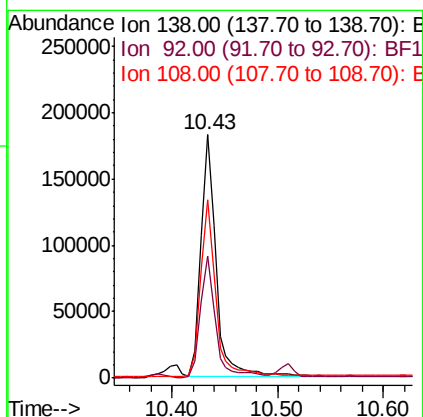
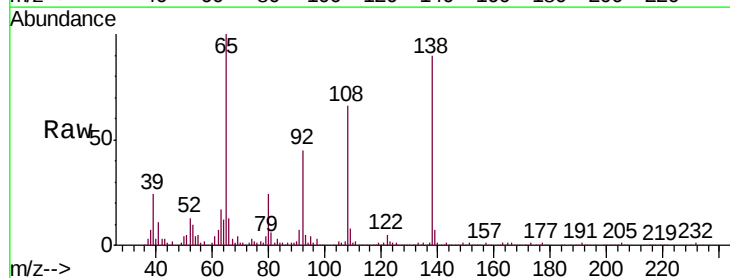
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

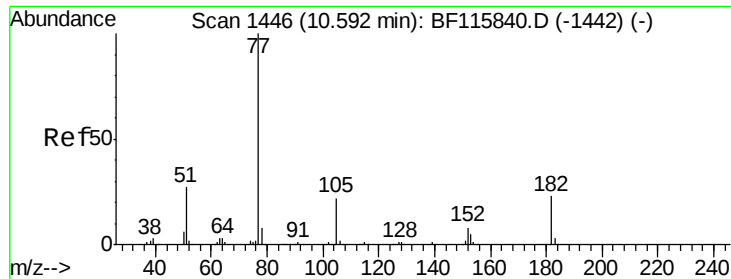
Tgt Ion:204 Resp: 385041  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.4 39.6  
141 61.9 46.4 69.6



#62  
4-Nitroaniline  
Concen: 33.722 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:138 Resp: 181503  
Ion Ratio Lower Upper  
138 100  
92 50.2 29.0 69.0  
108 73.2 54.7 94.7





#63

Azobenzene

Concen: 44.516 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

Tgt Ion: 77 Resp: 829128

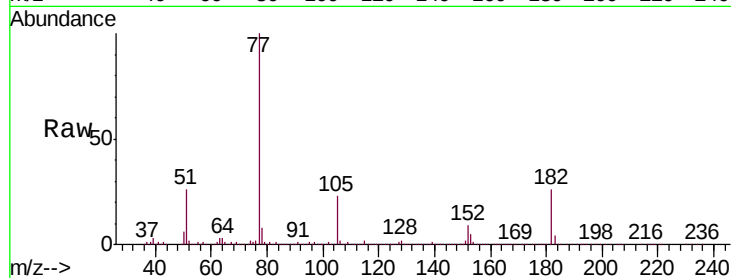
Ion Ratio Lower Upper

77 100

182 25.5 4.0 44.0

105 22.8 2.0 42.0

51 26.1 7.5 47.5

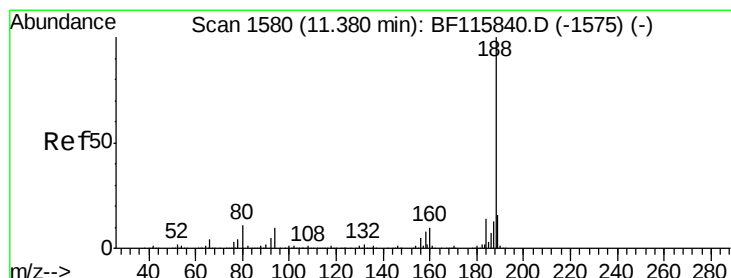
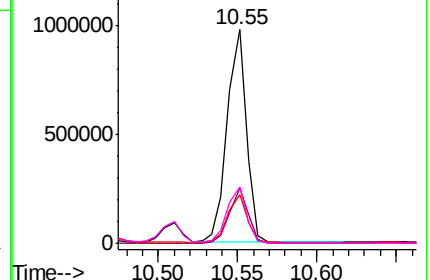
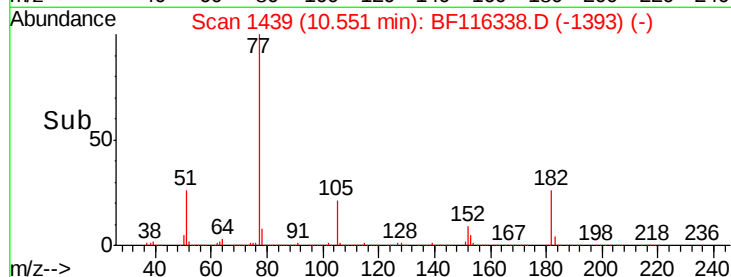


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

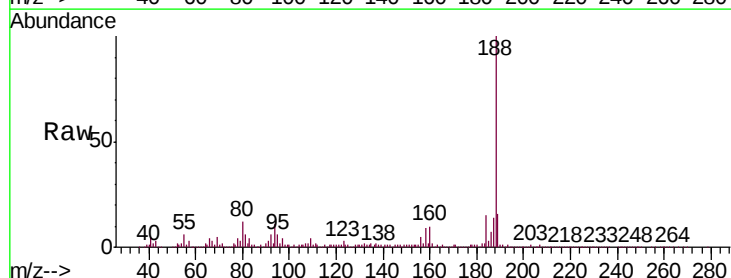
Tgt Ion: 188 Resp: 426981

Ion Ratio Lower Upper

188 100

94 11.3 8.1 12.1

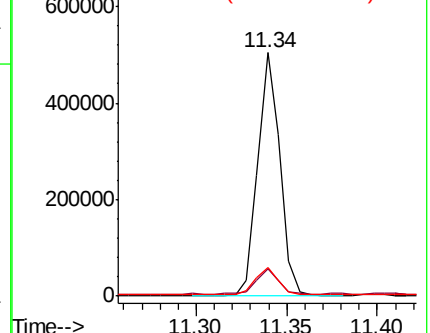
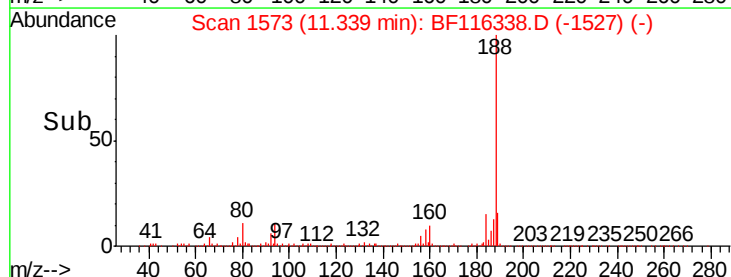
80 11.9 8.7 13.1

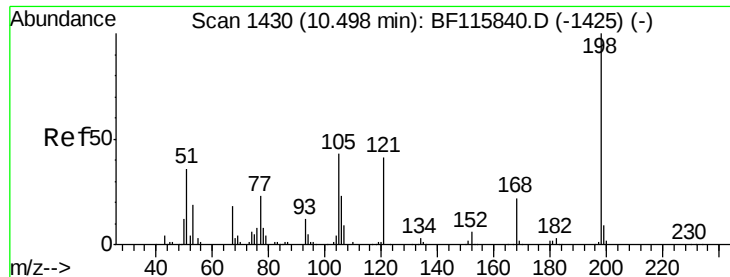


Abundance Ion 188.00 (187.70 to 188.70): E

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: 25.386 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

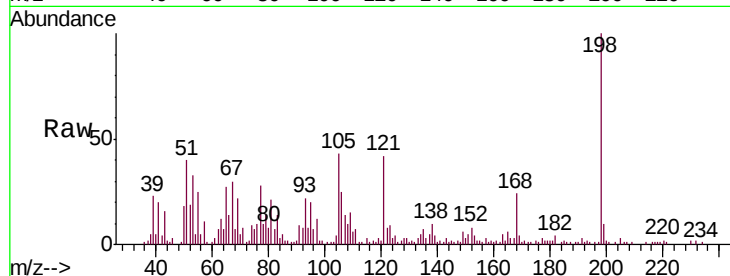
Tgt Ion:198 Resp: 57442

Ion Ratio Lower Upper

198 100

51 40.1 17.0 57.0

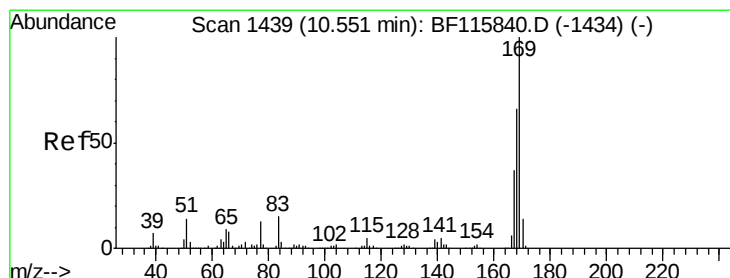
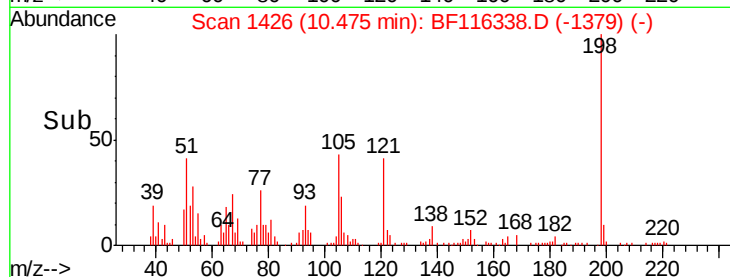
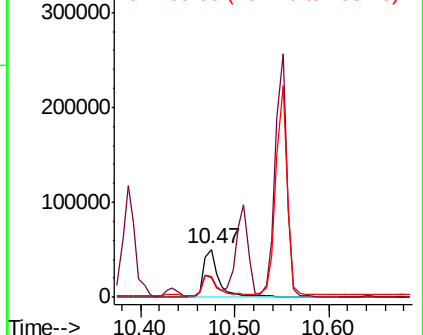
105 43.1 21.6 61.6



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: 51.974 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

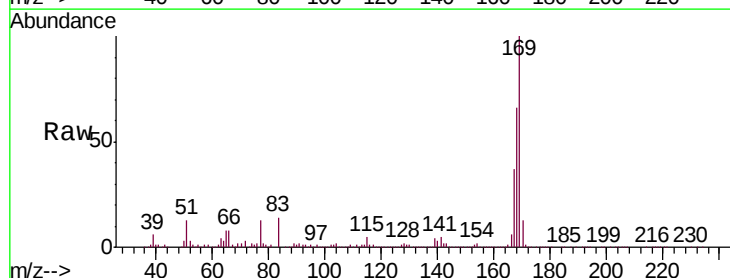
Tgt Ion:169 Resp: 667949

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

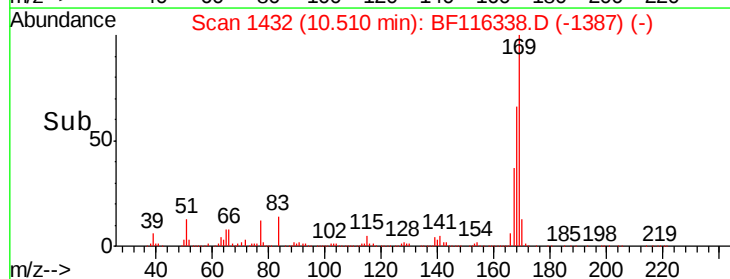
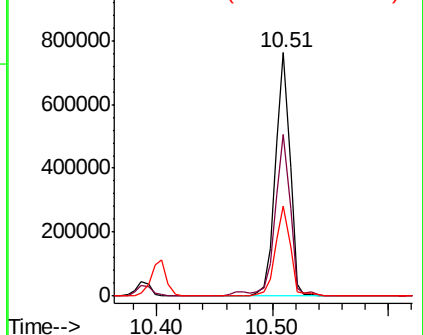
167 37.2 29.6 44.4

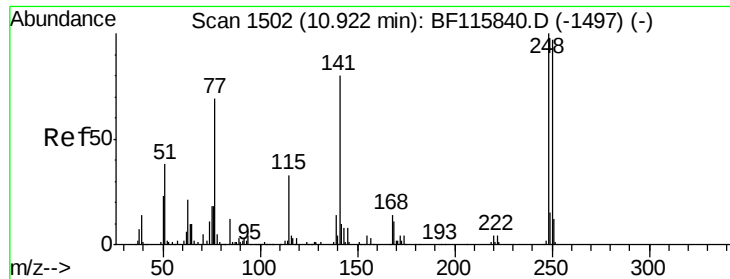


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

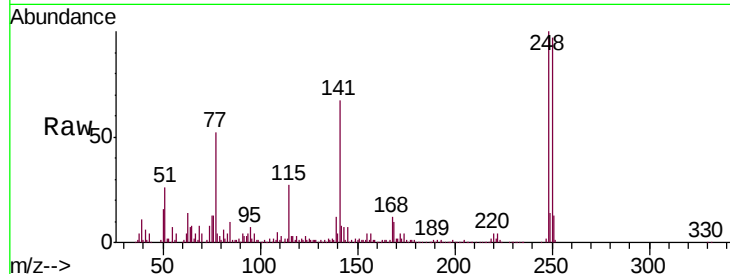




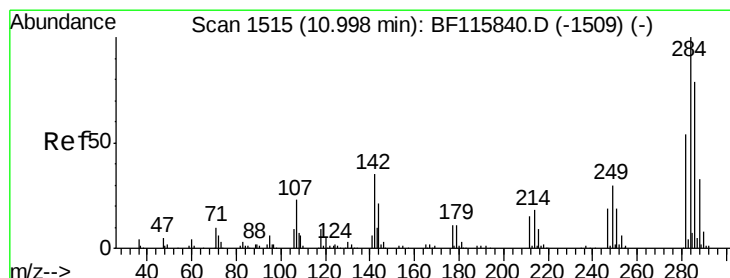
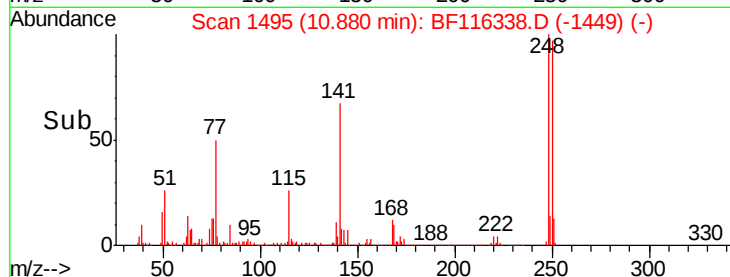
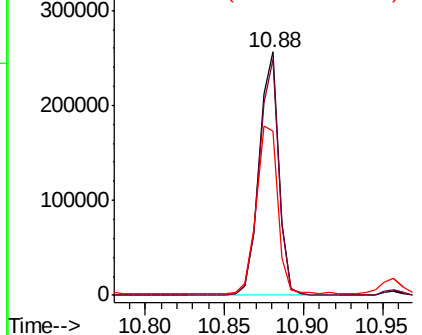
#67  
4-Bromophenyl-phenylether  
Concen: 48.625 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Tgt Ion:248 Resp: 222258  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.4 116.2  
141 67.4 56.8 85.2

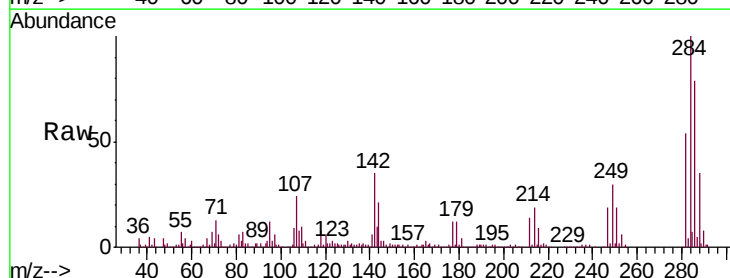


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

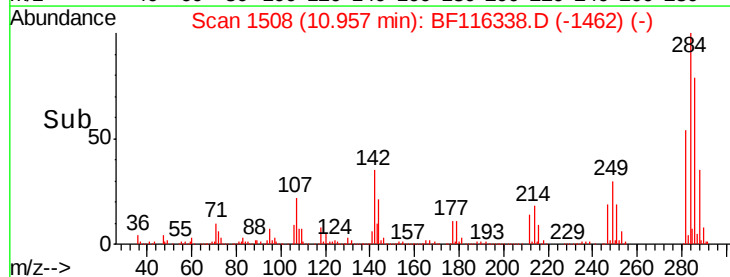
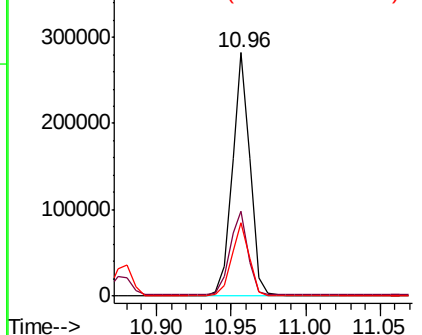


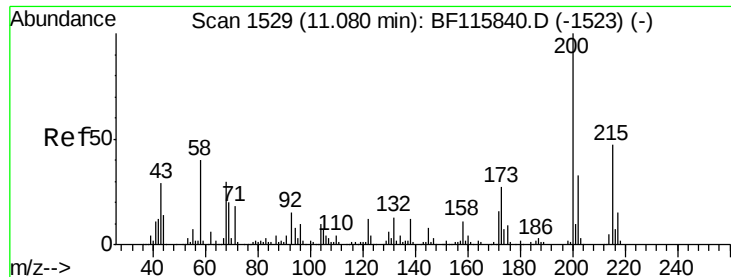
#68  
Hexachlorobenzene  
Concen: 44.639 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:284 Resp: 235934  
Ion Ratio Lower Upper  
284 100  
142 35.1 28.4 42.6  
249 30.0 24.5 36.7



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: 47.192 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

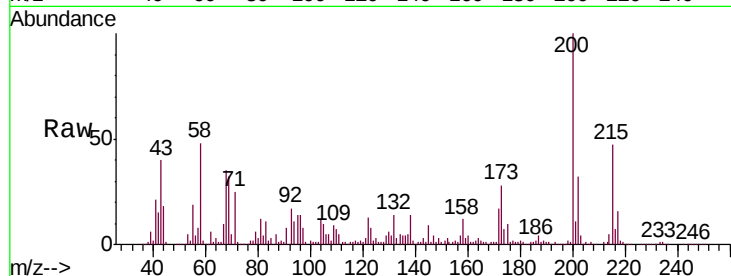
Tgt Ion:200 Resp: 199526

Ion Ratio Lower Upper

200 100

173 28.2 6.8 46.8

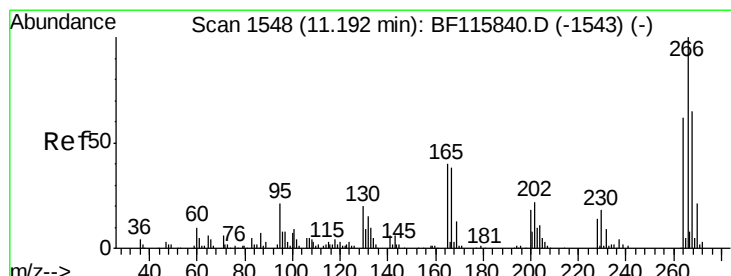
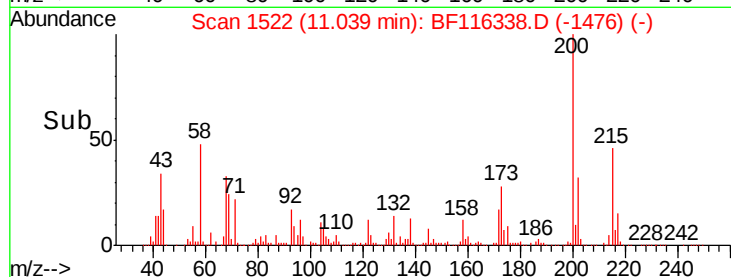
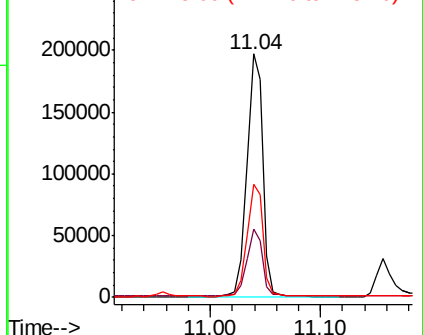
215 46.6 27.5 67.5



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: 84.454 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

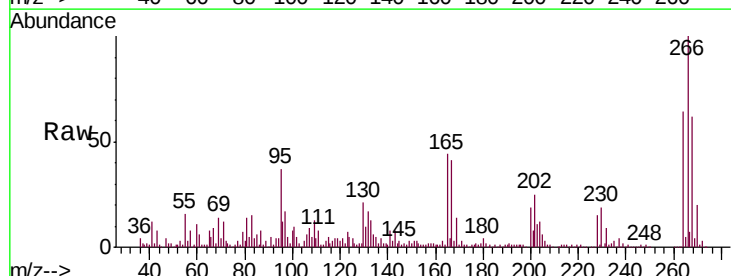
Tgt Ion:266 Resp: 216714

Ion Ratio Lower Upper

266 100

268 62.4 48.8 73.2

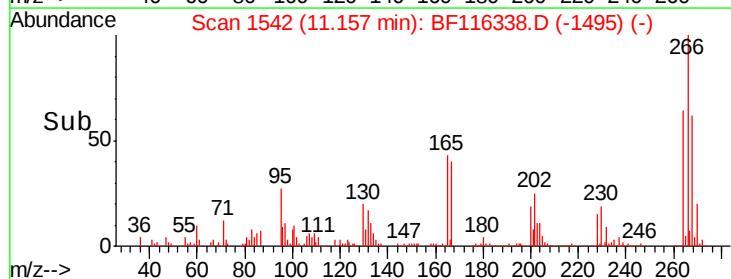
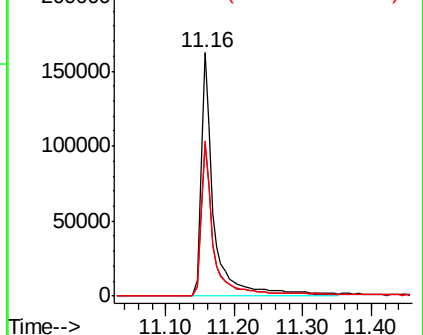
264 63.6 50.6 76.0

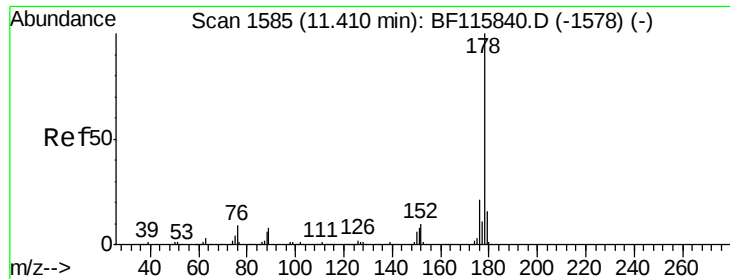


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

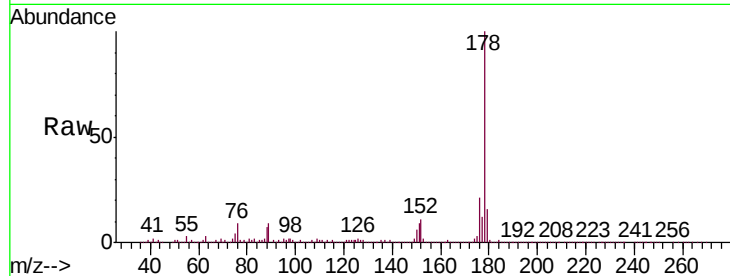




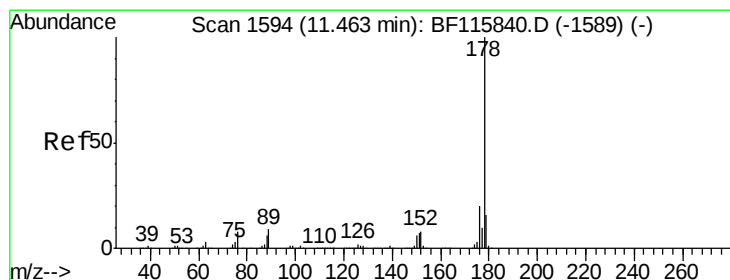
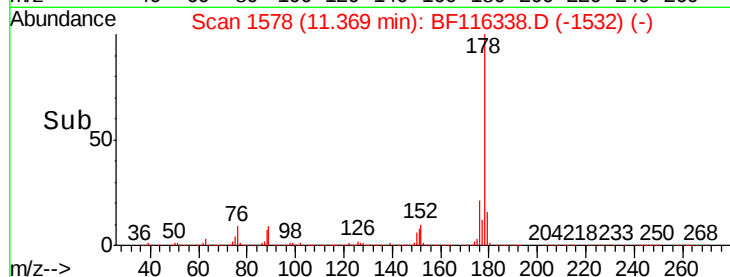
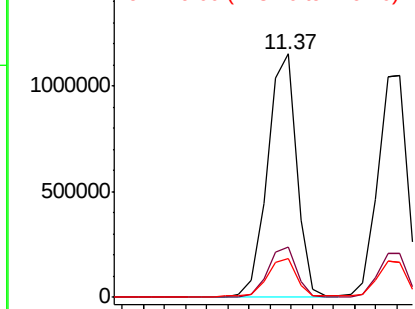
#71  
Phenanthrene  
Concen: 50.711 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Tgt Ion:178 Resp: 1106933  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.6 24.8  
179 15.9 12.5 18.7

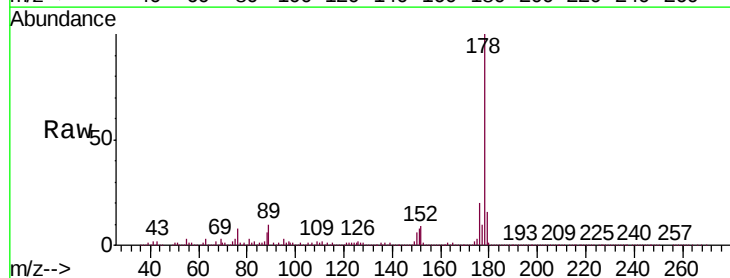


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

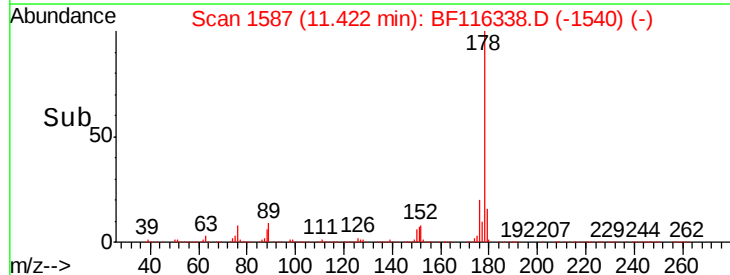
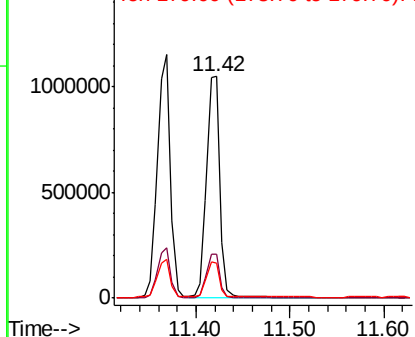


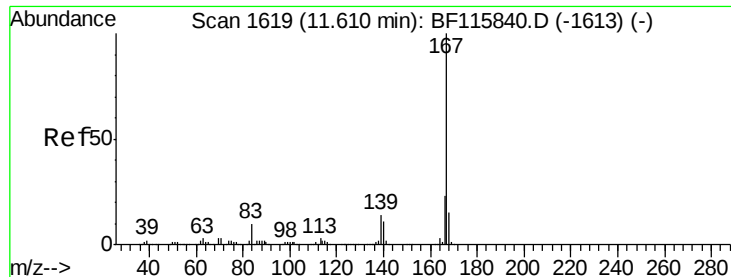
#72  
Anthracene  
Concen: 47.593 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. -0.02 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:178 Resp: 1051384  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.7 23.5  
179 15.9 13.0 19.6



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

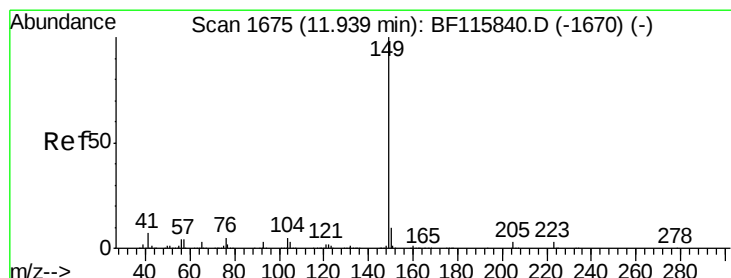
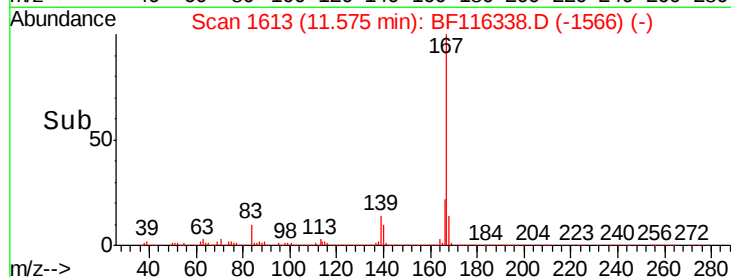
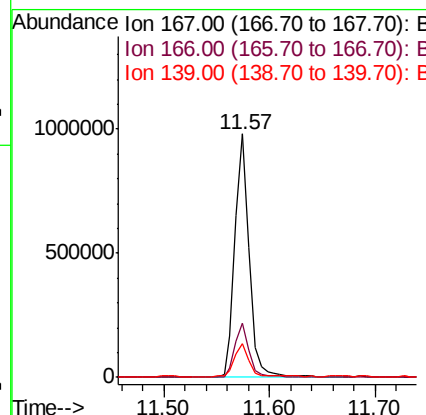
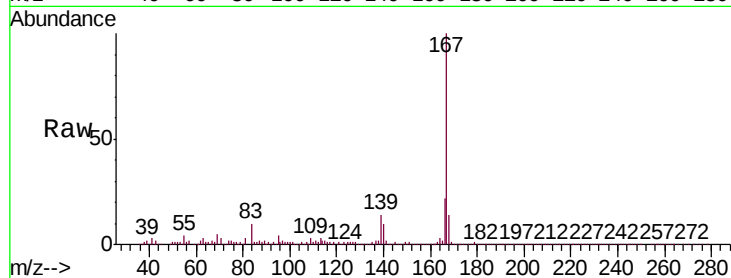




#73  
 Carbazole  
 Concen: 45.115 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. -0.02 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

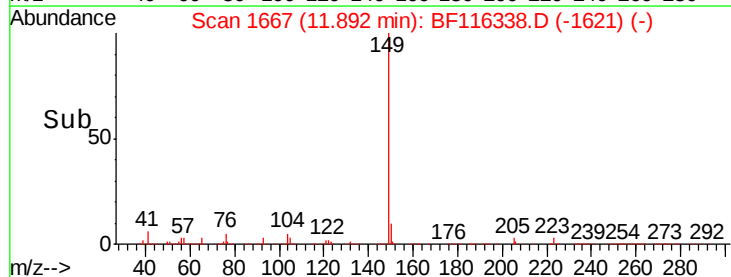
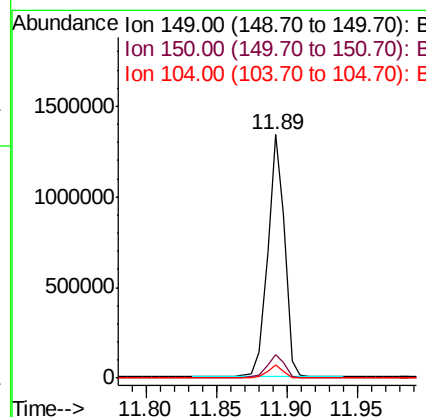
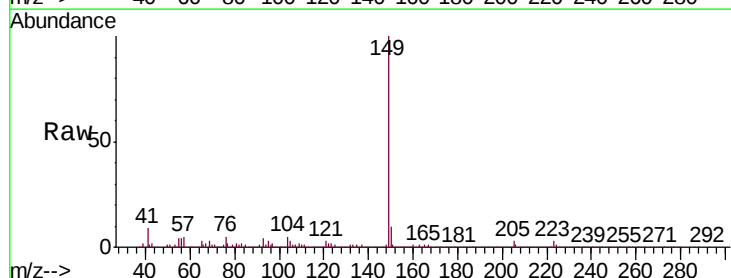
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200057-200054MS

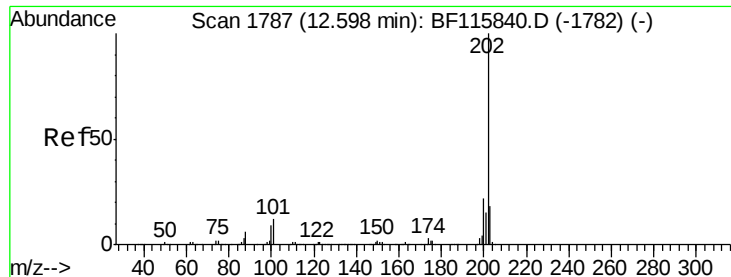
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 17.8  | 26.6  |
| 139     | 14.0  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 48.007 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.03 min  
 Lab File: BF116338.D  
 Acq: 17 Aug 2019 00:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.8   | 8.0   | 12.0  |
| 104     | 5.4   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 49.382 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

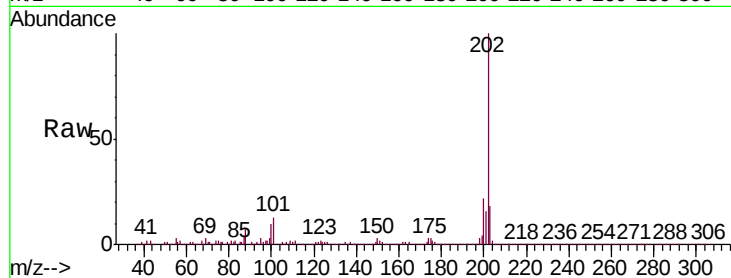
Tgt Ion:202 Resp: 1128466

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.2

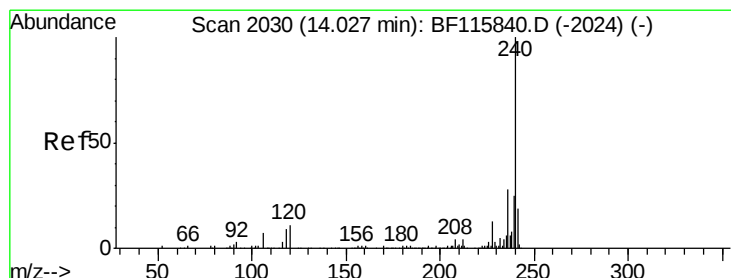
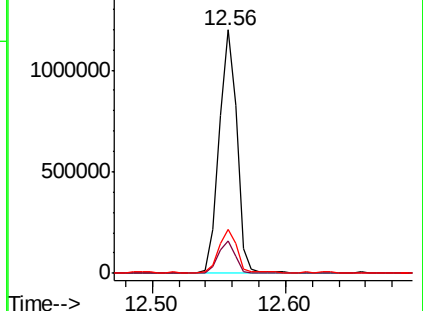
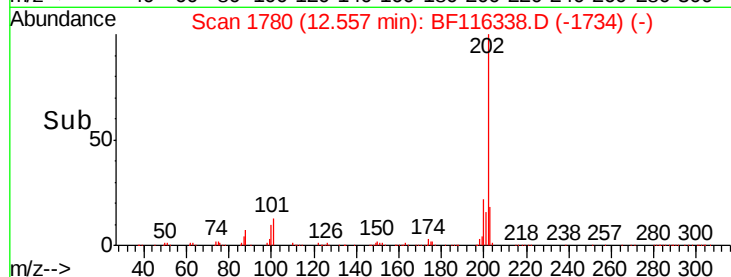
203 18.3 0.0 37.8



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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

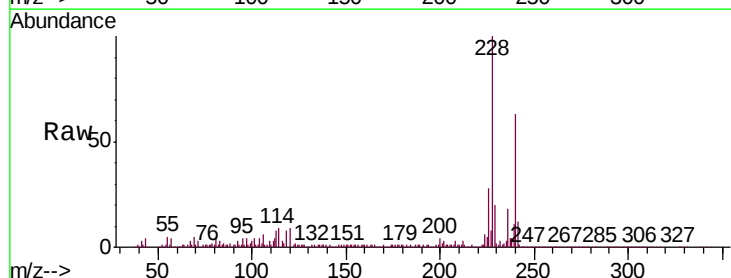
Tgt Ion:240 Resp: 250454

Ion Ratio Lower Upper

240 100

120 14.4 10.7 16.1

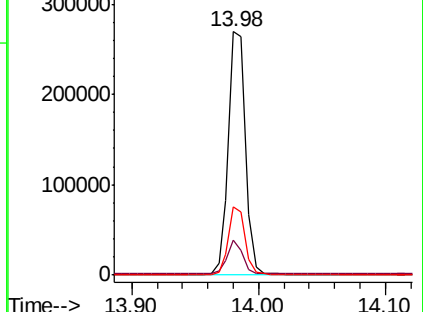
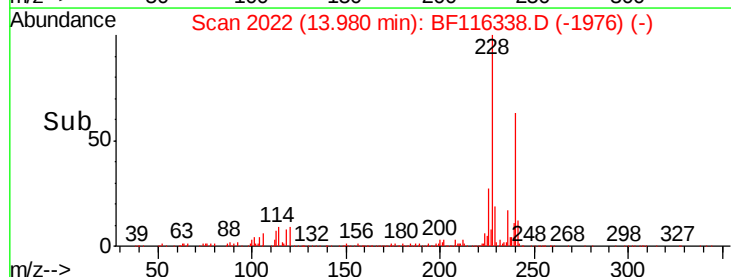
236 27.8 22.2 33.2

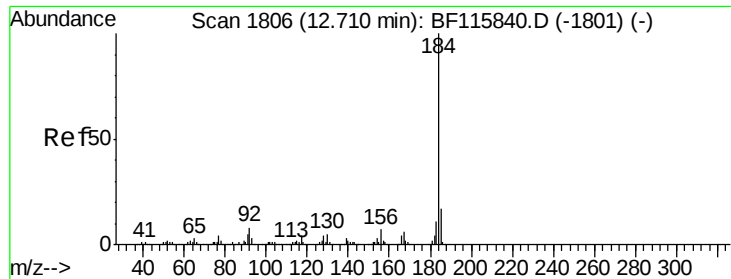


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.035 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

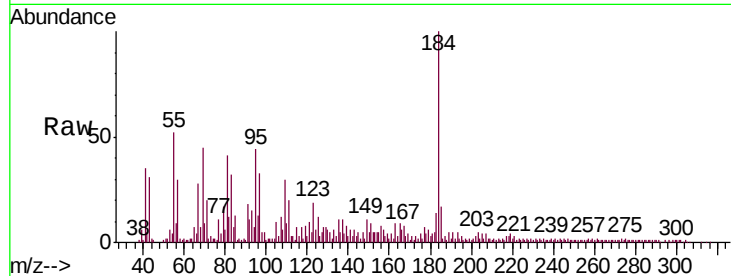
Tgt Ion:184 Resp: 110296

Ion Ratio Lower Upper

184 100

185 16.8 12.8 19.2

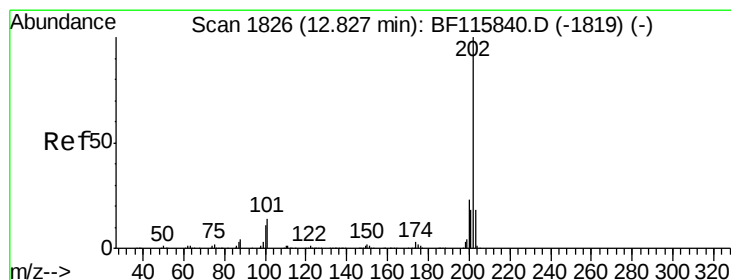
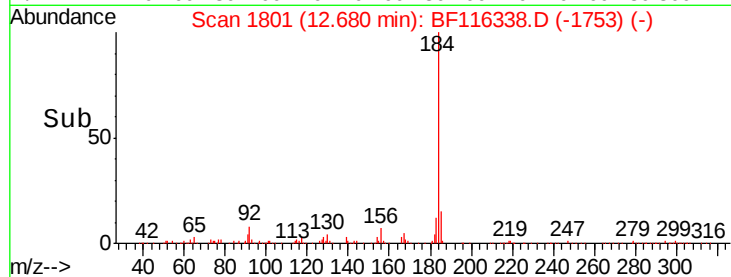
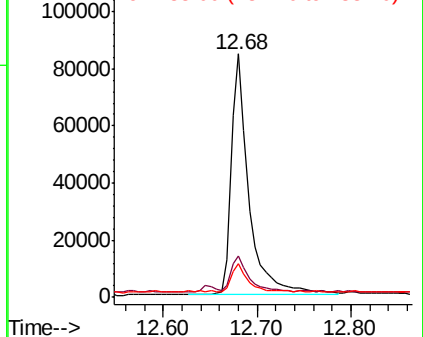
183 13.9 9.4 14.0



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: 60.452 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

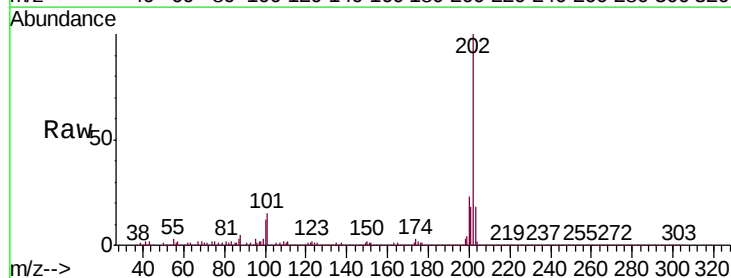
Tgt Ion:202 Resp: 1141309

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

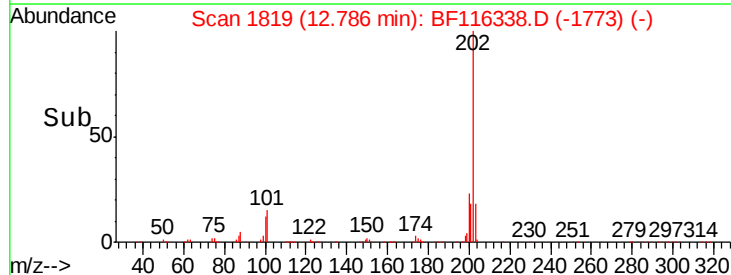
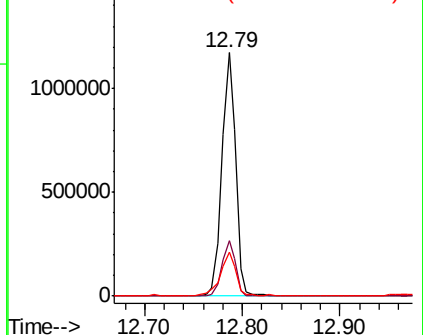
203 18.0 14.1 21.1

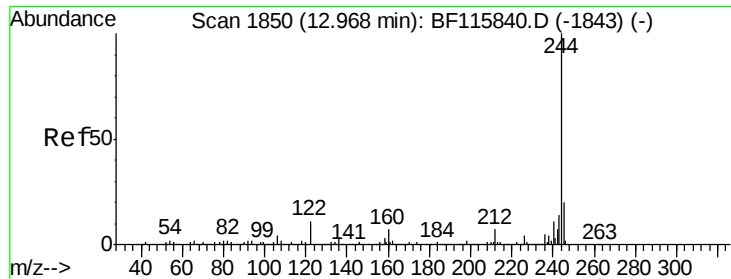


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.652 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

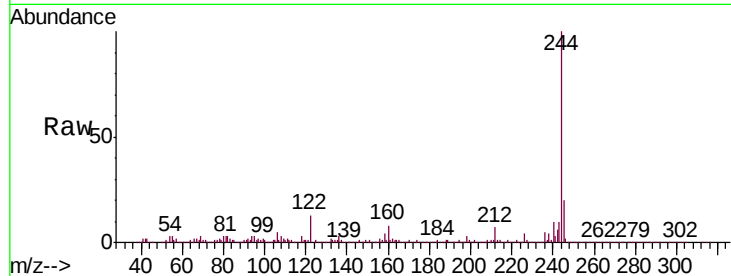
Tgt Ion:244 Resp: 934848

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

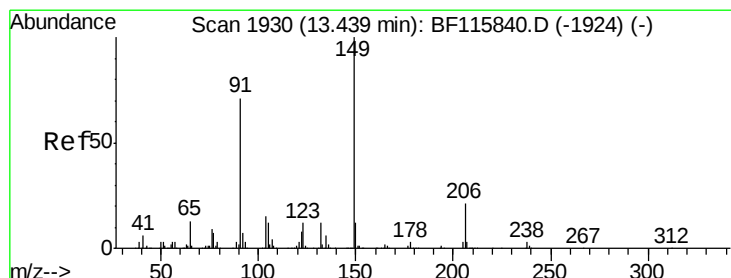
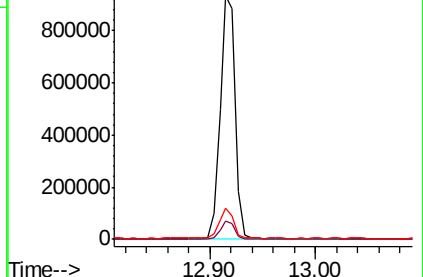
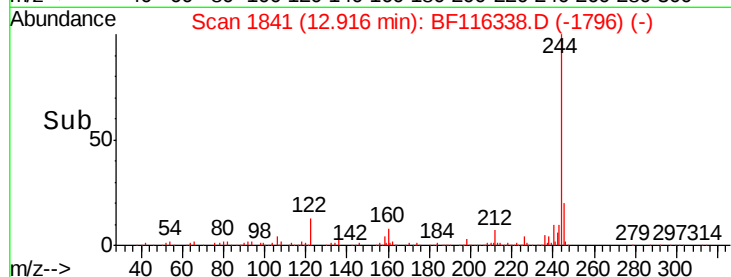
122 13.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 65.049 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

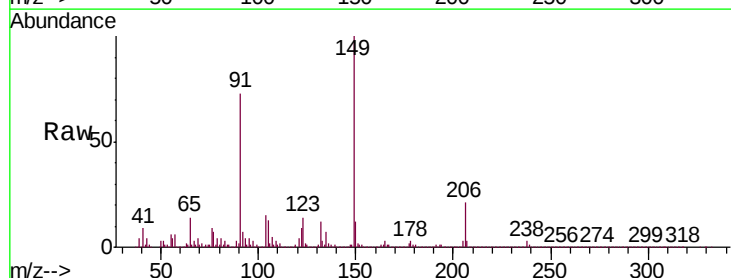
Tgt Ion:149 Resp: 519488

Ion Ratio Lower Upper

149 100

91 73.2 56.3 84.5

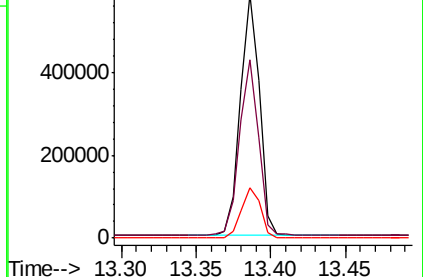
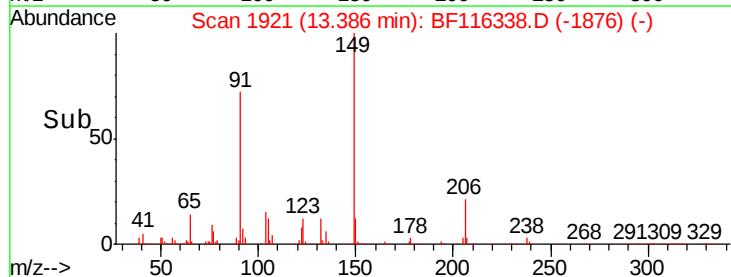
206 20.6 18.0 27.0

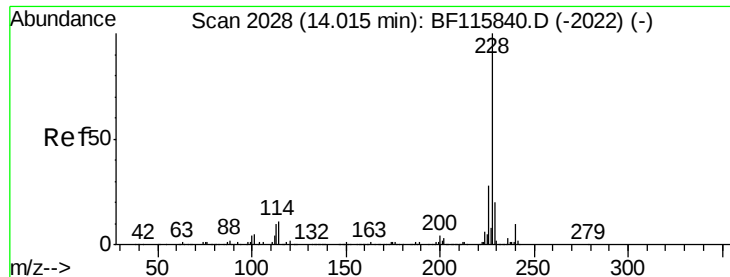


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

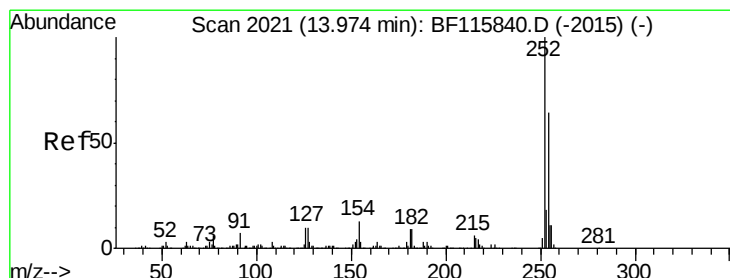
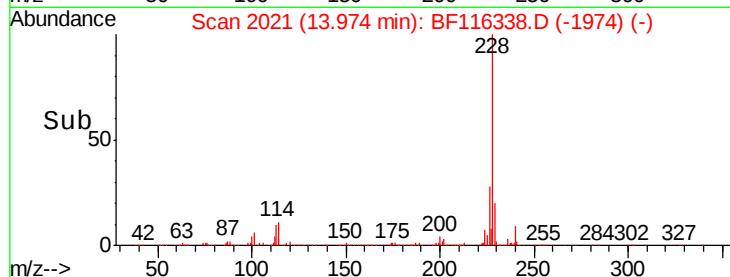
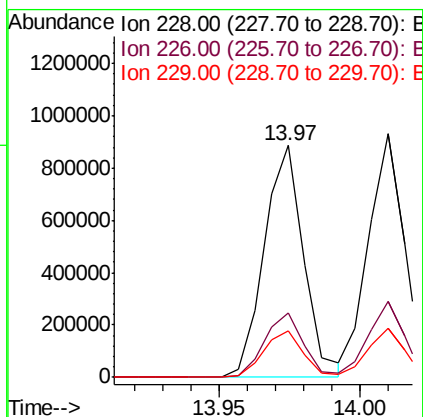
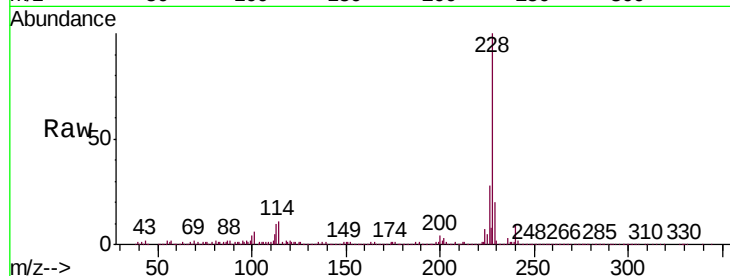




#81  
Benzo(a)anthracene  
Concen: 53.189 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.02 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

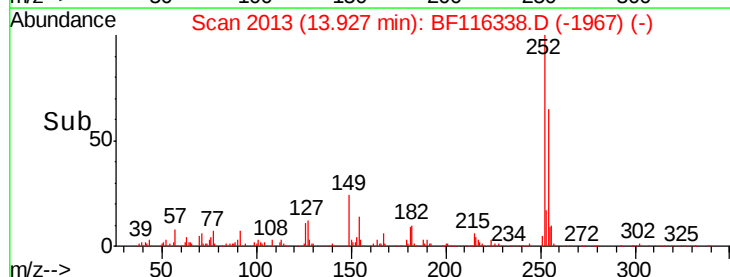
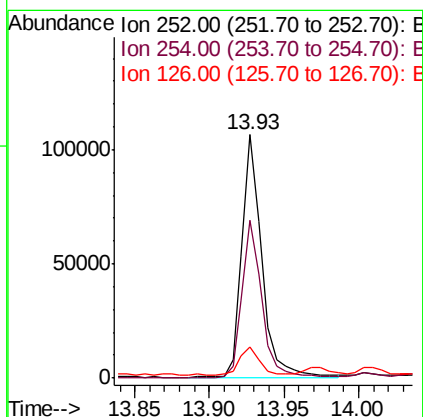
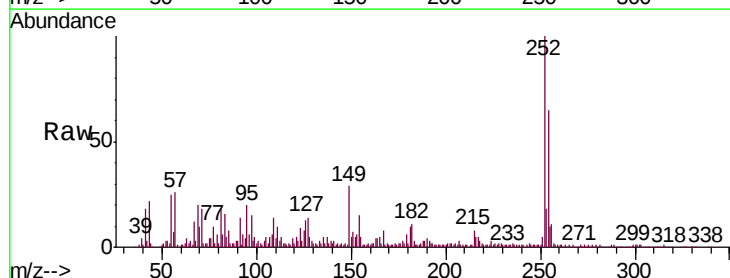
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

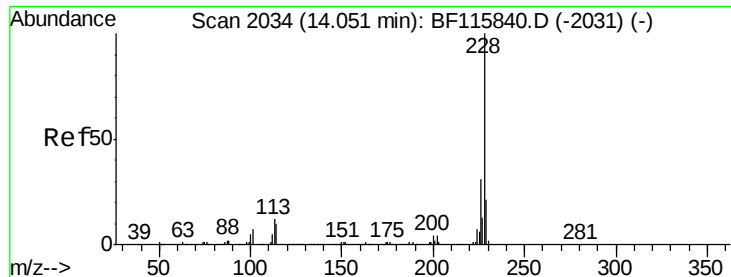
Tgt Ion:228 Resp: 851455  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.7 34.1  
229 20.0 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 17.751 ng  
RT: 13.93 min Scan# 2013  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:252 Resp: 98721  
Ion Ratio Lower Upper  
252 100  
254 64.8 50.9 76.3  
126 12.9 9.8 14.8





#83

Chrysene

Concen: 53.011 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

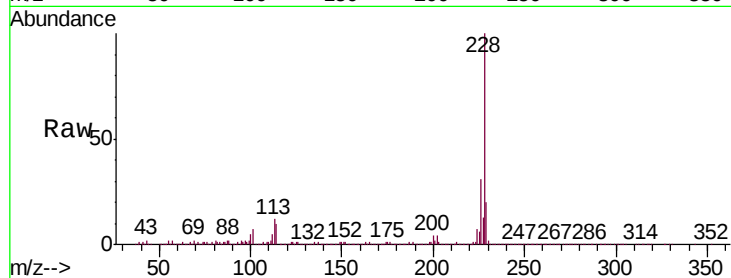
Tgt Ion:228 Resp: 823871

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

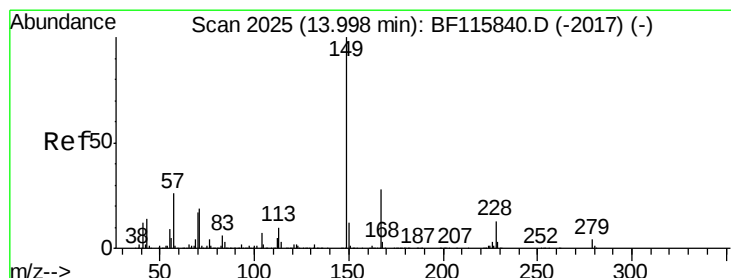
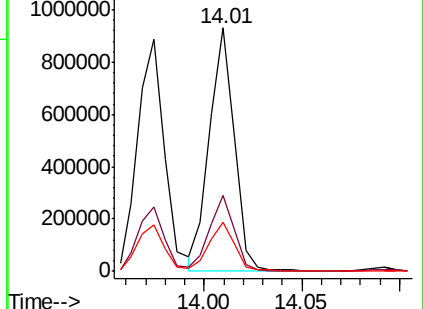
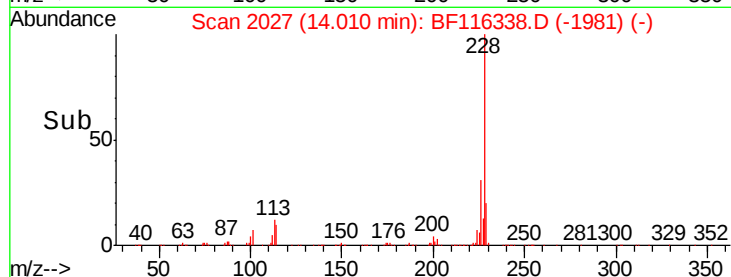
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.958 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

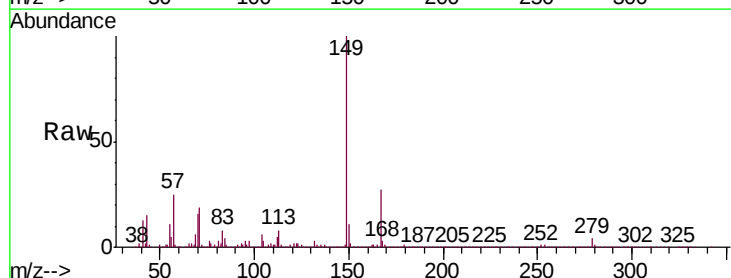
Tgt Ion:149 Resp: 611861

Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

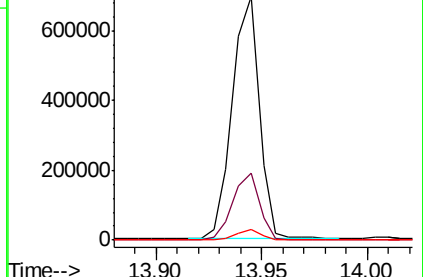
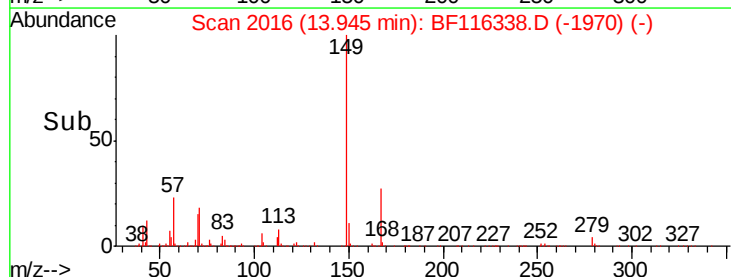
279 4.3 3.0 4.4

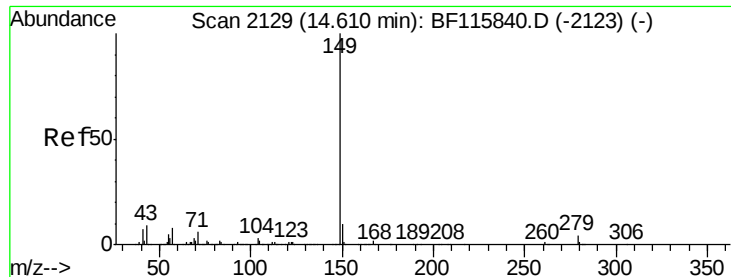


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

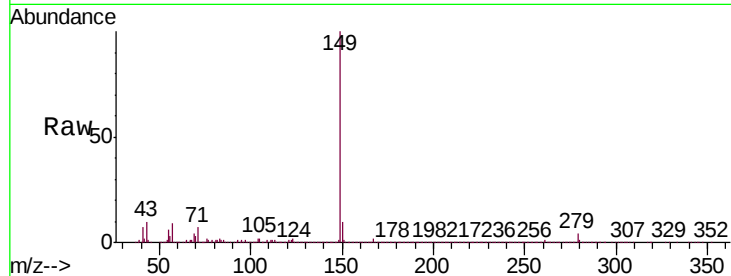




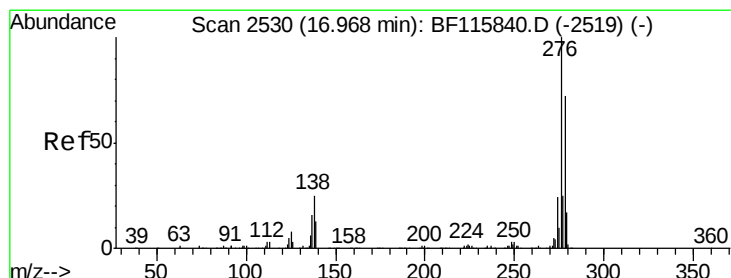
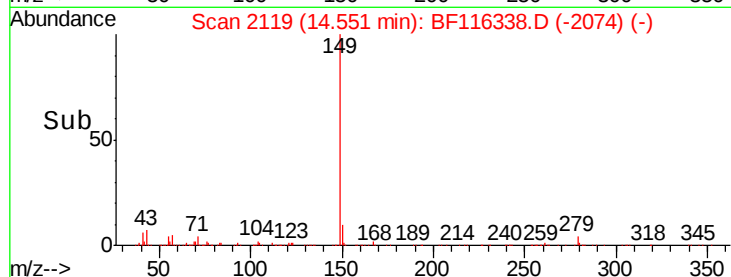
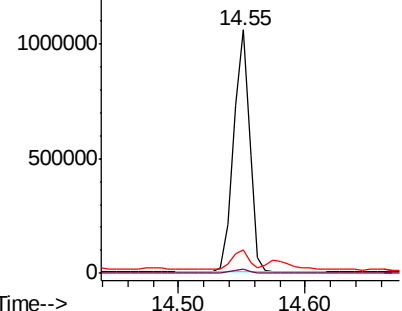
#85  
Di-n-octyl phthalate  
Concen: 56.229 ng  
RT: 14.55 min Scan# 2119  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Tgt Ion:149 Resp: 926881  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 8.3 7.5 11.3

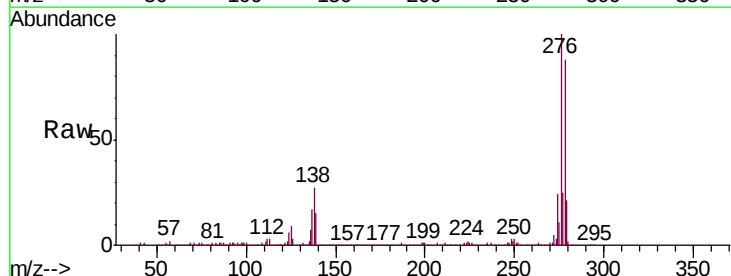


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

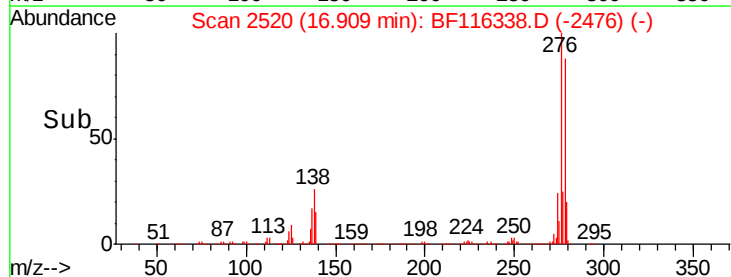
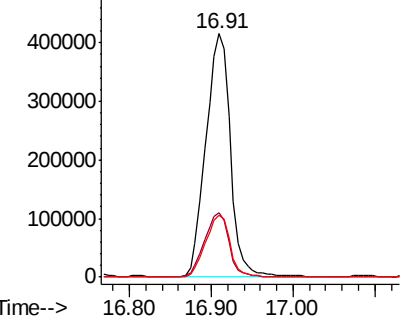


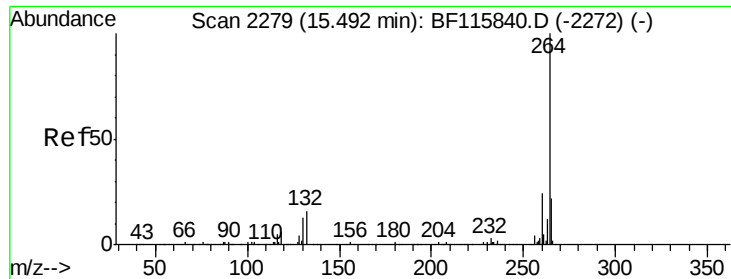
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 66.235 ng  
RT: 16.91 min Scan# 2520  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:276 Resp: 864570  
Ion Ratio Lower Upper  
276 100  
138 26.2 20.4 30.6  
277 25.2 20.0 30.0



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



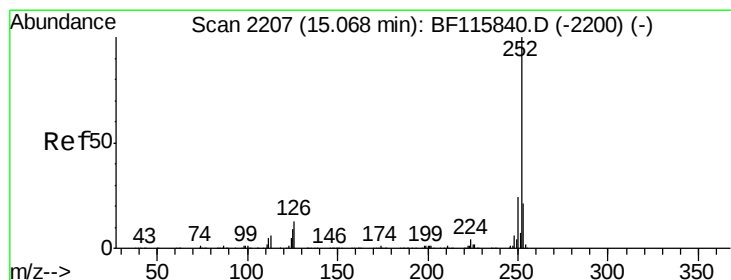
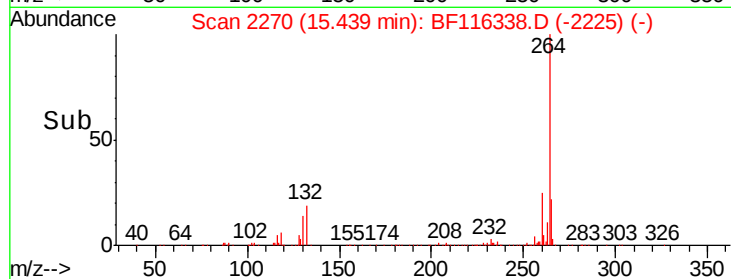
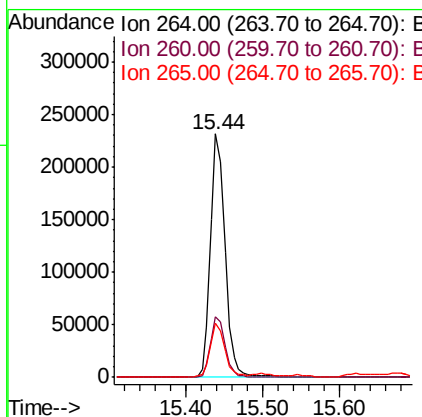
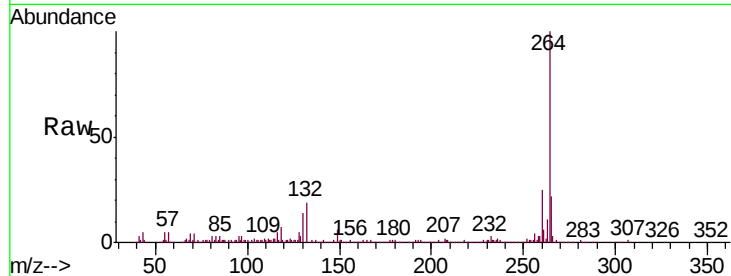


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Tgt Ion:264 Resp: 299959  

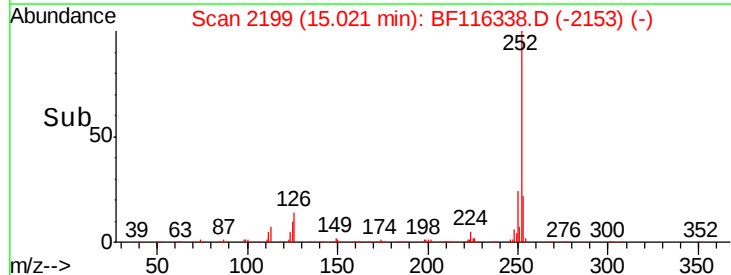
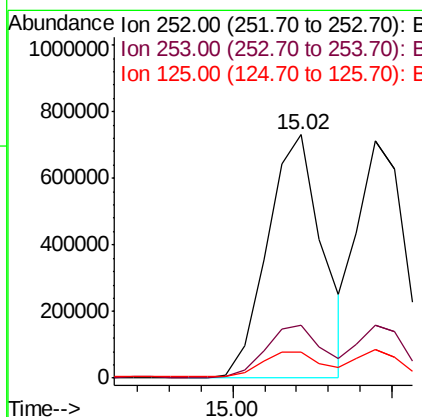
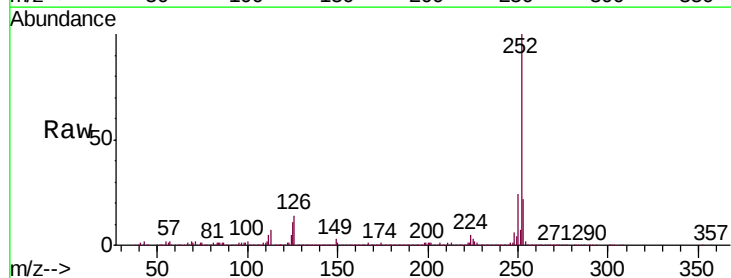
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.7  | 29.5  |
| 265 | 22.3  | 17.4  | 26.0  |

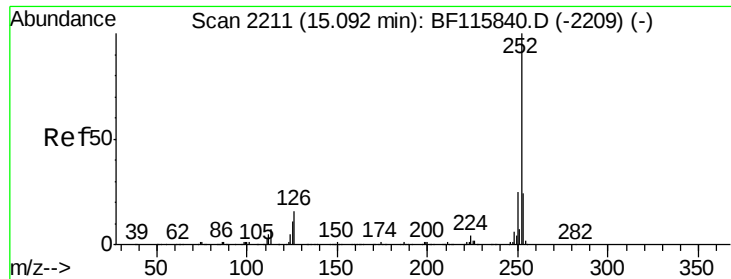


#88  
Benzo(b)fluoranthene  
Concen: 50.884 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.03 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:252 Resp: 882526  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.8  | 26.8  |
| 125 | 10.6  | 8.4   | 12.6  |

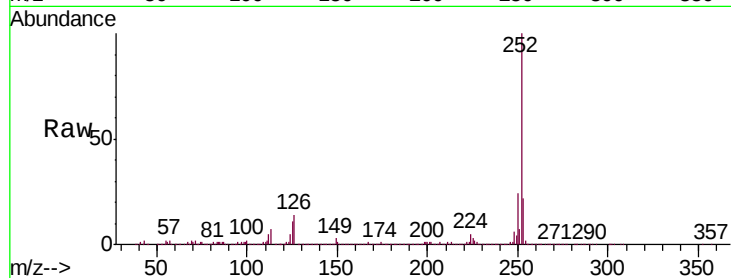




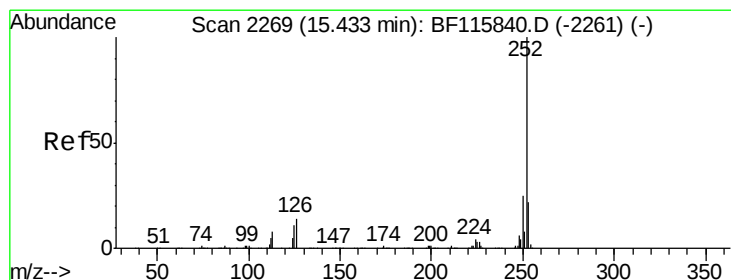
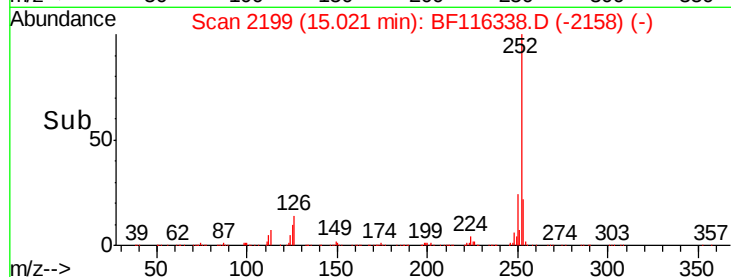
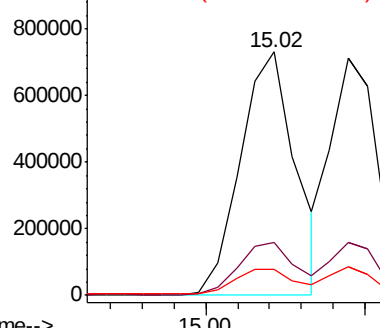
#89  
Benzo(k)fluoranthene  
Concen: 52.241 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.06 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200057-200054MS

Tgt Ion:252 Resp: 882526  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 10.6 7.7 11.5

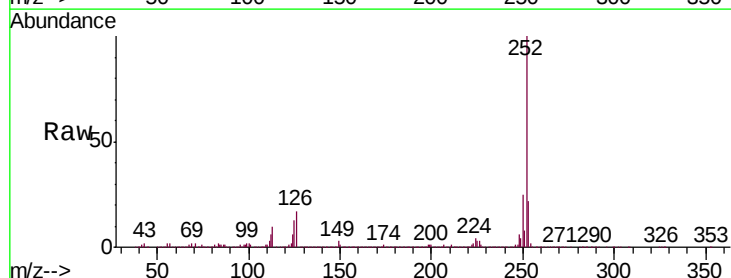


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

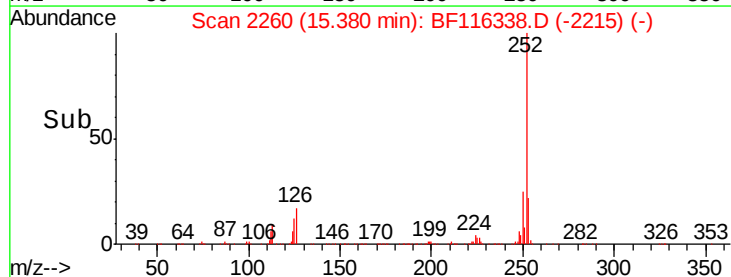
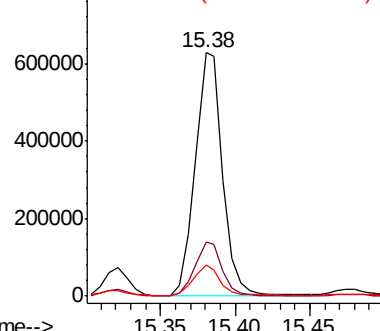


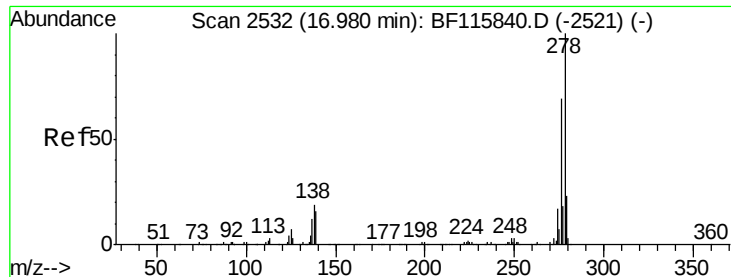
#90  
Benzo(a)pyrene  
Concen: 52.247 ng  
RT: 15.38 min Scan# 2260  
Delta R.T. -0.04 min  
Lab File: BF116338.D  
Acq: 17 Aug 2019 00:42

Tgt Ion:252 Resp: 810043  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 13.0 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 52.318 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.05 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

Instrument :

BNA\_F

ClientSampleId :

RBR-200057-200054MS

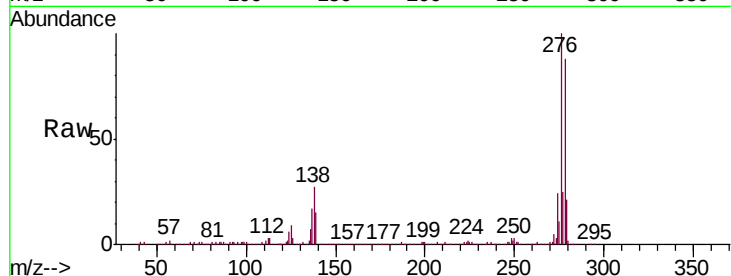
Tgt Ion: 278 Resp: 702142

Ion Ratio Lower Upper

278 100

139 17.3 12.8 19.2

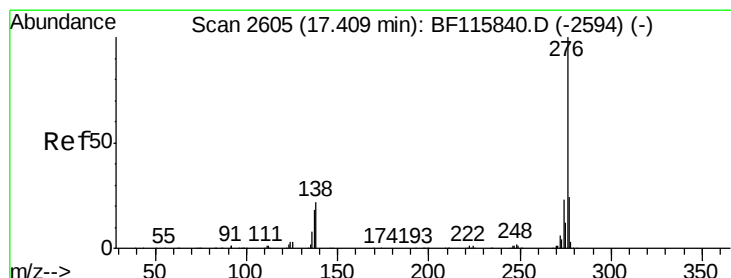
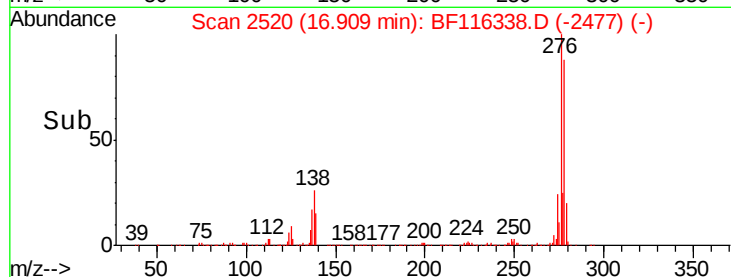
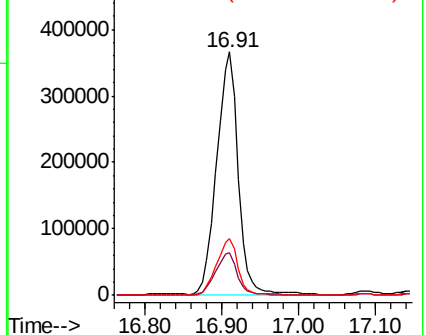
279 23.4 18.8 28.2



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: 54.846 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.04 min

Lab File: BF116338.D

Acq: 17 Aug 2019 00:42

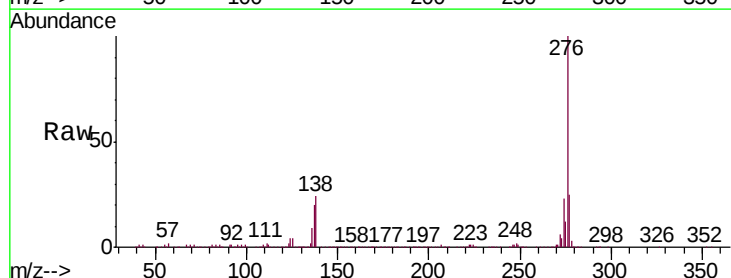
Tgt Ion: 276 Resp: 722880

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 23.9 17.0 25.6



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

