

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\  
 Data File : BF115235.D  
 Acq On : 27 Jun 2019 14:48  
 Operator : HP/JU  
 Sample : K3509-03MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

Manual Integrations  
 APPROVED

mohammad  
 6/28/2019 2:58:18 PM

Quant Time: Jun 28 05:34:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 252317   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 954131   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.62  | 164  | 458886   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.09 | 188  | 896149   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.72 | 240  | 653549   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.08 | 264  | 653856   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.20  | 112 | 1698094 | 103.86 | ng | 0.01 |
| 7) Phenol-d6             | 6.25  | 99  | 2140458 | 107.86 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.17  | 82  | 1294484 | 83.46  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.41 | 330 | 566534  | 117.07 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.96  | 172 | 2267407 | 83.93  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.68 | 244 | 2529904 | 82.30  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.17 | 88  | 203538  | 26.377 | ng | 99     |
| 3) Pyridine                    | 2.84 | 79  | 409011  | 18.806 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.77 | 42  | 249424  | 29.253 | ng | 98     |
| 6) Aniline                     | 6.26 | 93  | 513624  | 18.831 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.38 | 128 | 626319  | 34.066 | ng | 98     |
| 9) Benzaldehyde                | 6.14 | 77  | 391968  | 30.274 | ng | 99     |
| 10) Phenol                     | 6.26 | 94  | 765058  | 32.911 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.34 | 93  | 566105  | 33.036 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146 | 663241  | 32.505 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 673604  | 32.921 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.77 | 146 | 630435  | 33.272 | ng | 99     |
| 15) Benzyl Alcohol             | 6.75 | 79  | 494635  | 34.229 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45  | 787405  | 31.682 | ng | 97     |
| 17) 2-Methylphenol             | 6.87 | 107 | 525340  | 34.617 | ng | 99     |
| 18) Hexachloroethane           | 7.11 | 117 | 232812  | 31.561 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 400931  | 31.556 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 615333  | 35.116 | ng | # 83   |
| 22) Acetophenone               | 7.01 | 105 | 829719  | 37.985 | ng | # 96   |
| 24) Nitrobenzene               | 7.18 | 77  | 630057  | 36.872 | ng | 96     |
| 25) Isophorone                 | 7.42 | 82  | 1127536 | 35.486 | ng | 100    |
| 26) 2-Nitrophenol              | 7.50 | 139 | 341033  | 40.414 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 576143  | 41.700 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93  | 716927  | 35.699 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.74 | 162 | 538792  | 37.788 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 574321  | 36.466 | ng | 99     |
| 31) Naphthalene                | 7.90 | 128 | 1744433 | 37.246 | ng | 100    |
| 32) Benzoic acid               | 7.62 | 122 | 18234m  | 1.849  | ng |        |
| 33) 4-Chloroaniline            | 7.95 | 127 | 417045  | 19.483 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 310339  | 35.957 | ng | 99     |
| 35) Caprolactam                | 8.32 | 113 | 165342m | 34.491 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.44 | 107 | 540152  | 37.407 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.59 | 142 | 1183619 | 37.481 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.69 | 142 | 1119170 | 37.107 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 525389  | 40.516 | ng | 99     |

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 SA-06-062619-BMS

Manual Integrations  
 APPROVED

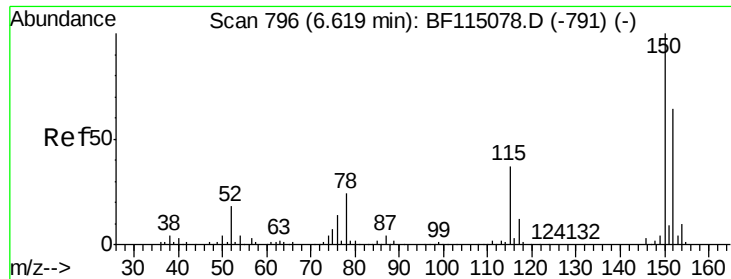
mohammad  
 6/28/2019 2:58:18 PM

Quant Time: Jun 28 05:34:28 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 295399   | 38.418 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.87  | 196  | 378486   | 37.806 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.91  | 196  | 407028   | 39.480 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.05  | 154  | 1393236  | 37.945 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1104477  | 37.084 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.17  | 65   | 329257   | 37.919 | nq    | 88       |
| 49) Acenaphthylene             | 9.49  | 152  | 1750347  | 37.720 | nq    | 100      |
| 50) Dimethylphthalate          | 9.37  | 163  | 1539236  | 45.592 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.41  | 165  | 300507   | 38.554 | nq    | 98       |
| 52) Acenaphthene               | 9.66  | 154  | 1032344  | 35.553 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.58  | 138  | 299210   | 31.457 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.68  | 184  | 35389    | 15.357 | nq    | 93       |
| 55) Dibenzofuran               | 9.83  | 168  | 1518662  | 36.440 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.75  | 139  | 540145   | 70.833 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.81  | 165  | 385469   | 38.301 | nq    | 95       |
| 58) Fluorene                   | 10.17 | 166  | 1087732  | 38.206 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.95  | 232  | 328493   | 37.999 | nq    | 97       |
| 60) Diethylphthalate           | 10.06 | 149  | 1255902  | 37.007 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 525260   | 38.914 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.19 | 138  | 333717   | 34.973 | nq    | 99       |
| 63) Azobenzene                 | 10.32 | 77   | 1132969  | 35.742 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.22 | 198  | 59826    | 16.210 | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.29 | 169  | 1052316  | 37.691 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.65 | 248  | 361339   | 37.190 | nq    | 98       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 393008   | 37.265 | nq    | 99       |
| 69) Atrazine                   | 10.82 | 200  | 332801   | 37.056 | nq    | 99       |
| 70) Pentachlorophenol          | 10.91 | 266  | 457402   | 68.079 | nq    | 98       |
| 71) Phenanthrene               | 11.12 | 178  | 1895672  | 39.289 | nq    | 100      |
| 72) Anthracene                 | 11.18 | 178  | 1840047  | 37.779 | nq    | 99       |
| 73) Carbazole                  | 11.33 | 167  | 1632281  | 37.531 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 1875832  | 37.325 | nq    | 99       |
| 75) Fluoranthene               | 12.30 | 202  | 2246570  | 46.666 | nq    | 99       |
| 77) Benzidine                  | 12.42 | 184  | 441798   | 15.224 | nq    | # 91     |
| 78) Pyrene                     | 12.53 | 202  | 2288568  | 45.566 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.16 | 149  | 884645   | 39.912 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.71 | 228  | 2019295  | 43.061 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.68 | 252  | 425874   | 25.149 | nq    | 100      |
| 83) Chrysene                   | 13.75 | 228  | 1882829  | 43.831 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.73 | 149  | 1168819  | 40.244 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.34 | 149  | 2015378  | 41.301 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.35 | 276  | 1423503  | 28.005 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.71 | 252  | 1893580  | 46.413 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 14.74 | 252  | 1567526  | 42.843 | nq    | 97       |
| 90) Benzo(a)pyrene             | 15.03 | 252  | 1616968  | 43.972 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.37 | 278  | 1147268  | 33.419 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 16.73 | 276  | 1182192  | 34.024 | nq    | 98       |

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





#1

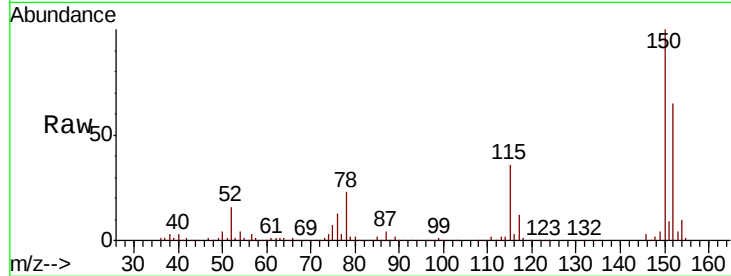
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 124.2 | 186.2 |
| 115     | 56.0  | 46.1  | 69.1  |

Manual Integrations  
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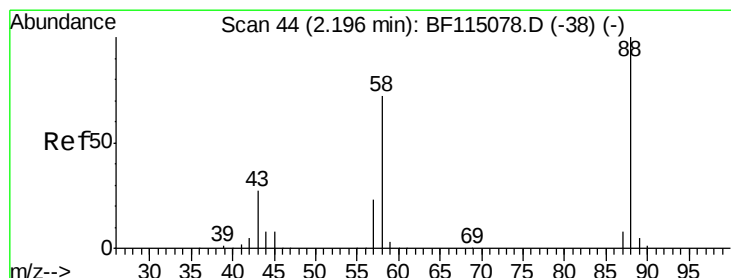
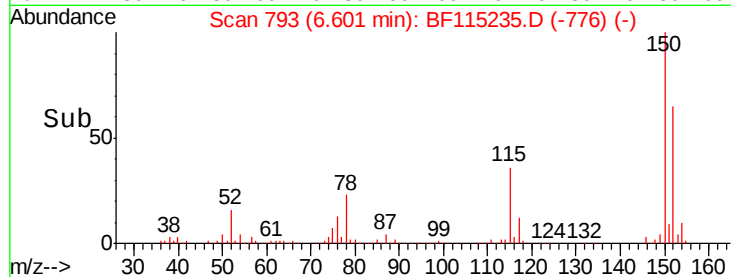
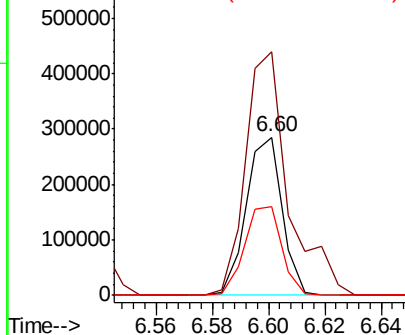


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

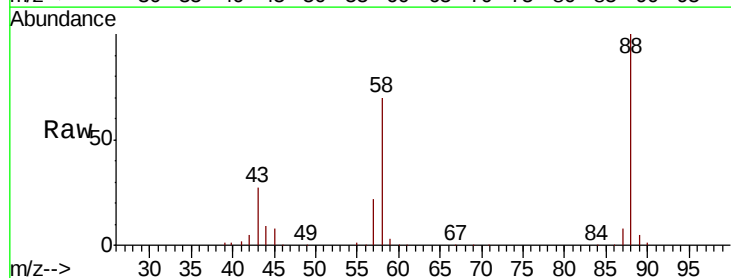
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 26.377 ng  
RT: 2.17 min Scan# 40  
Delta R.T. 0.02 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.7  | 56.1  | 84.1  |
| 43      | 26.0  | 21.3  | 31.9  |

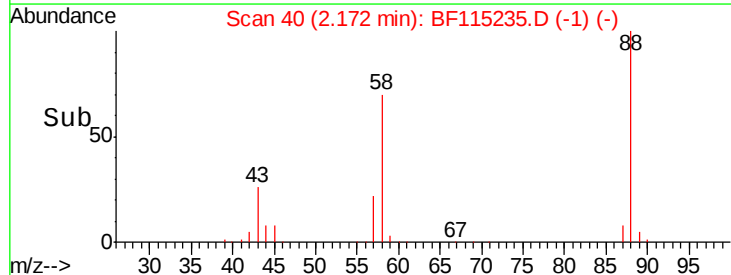
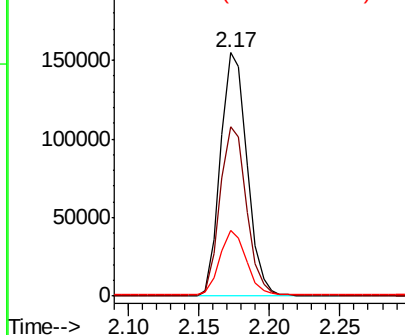


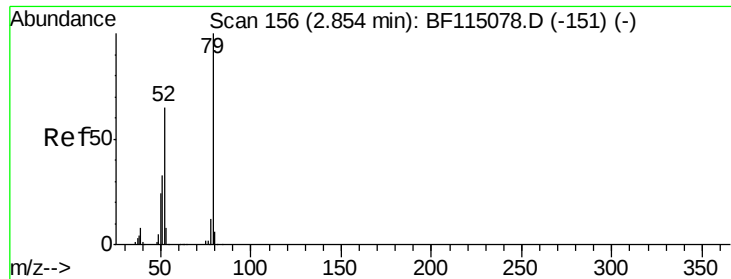
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.806 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.04 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

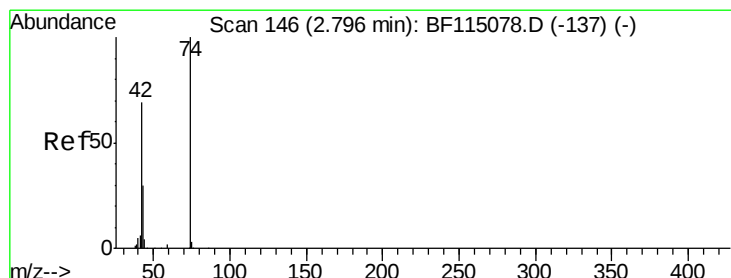
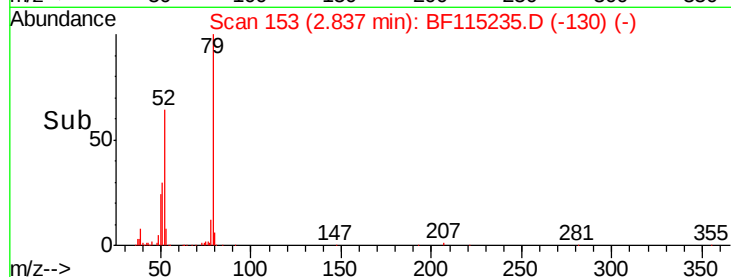
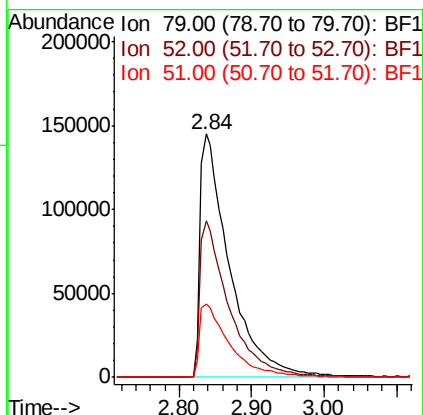
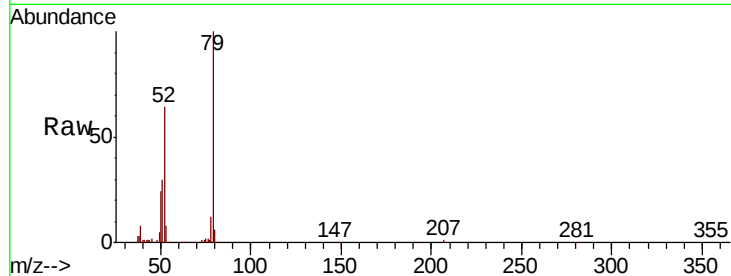
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 409011 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.1  | 52.3  | 78.5   |
| 51        | 30.3  | 26.1  | 39.1   |

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#4

n-Nitrosodimethylamine

Concen: 29.253 ng

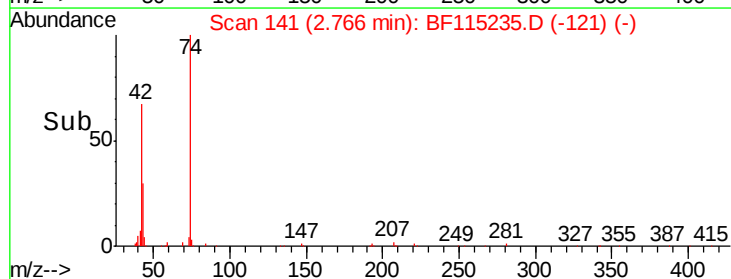
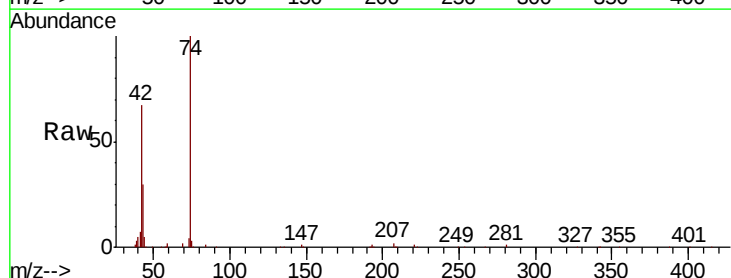
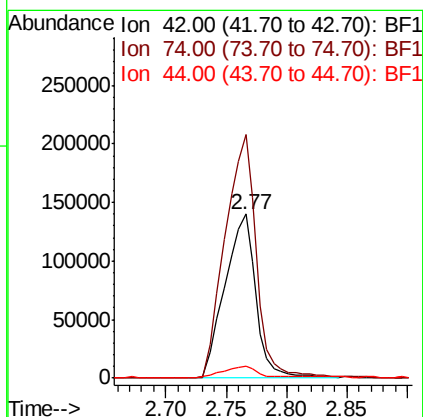
RT: 2.77 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 249424 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 148.4 | 116.6 | 175.0  |
| 44        | 7.0   | 5.3   | 7.9    |





#5

2-Fluorophenol

Concen: 103.855 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

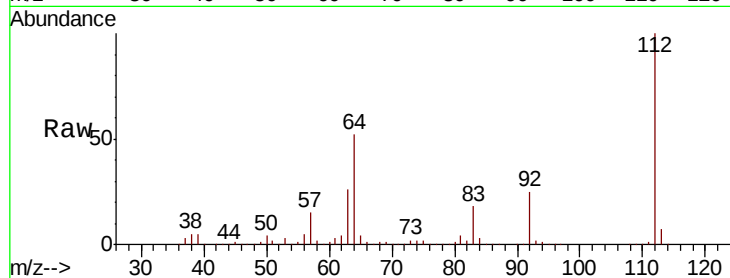
ClientSampleId :

SA-06-062619-BMS

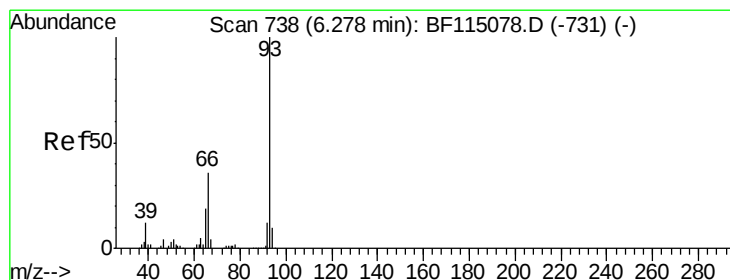
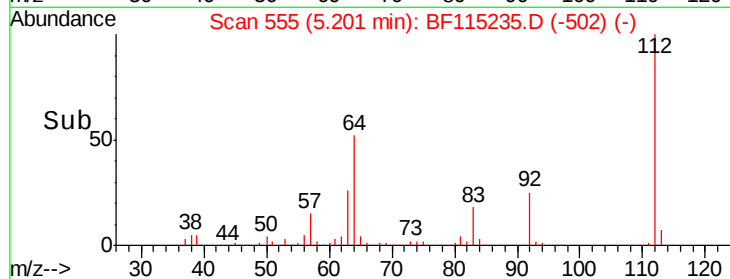
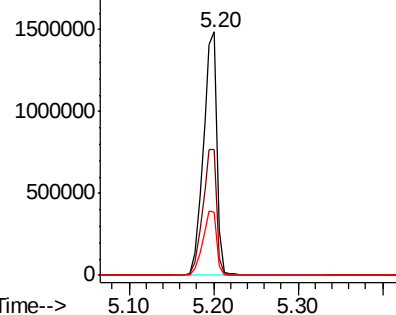
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1698094 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 51.9  | 43.8  | 65.6    |
| 63       | 25.9  | 22.2  | 33.4    |

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Abundance Ion 112.00 (111.70 to 112.70): BF1  
2000000 Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.831 ng

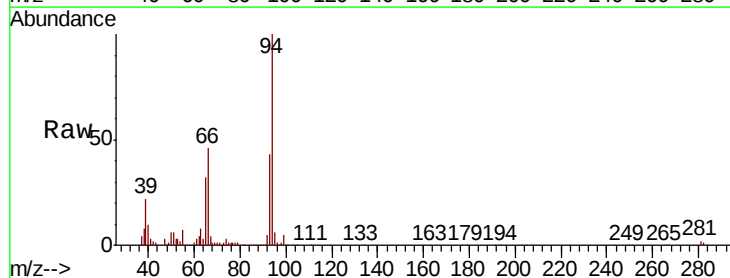
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

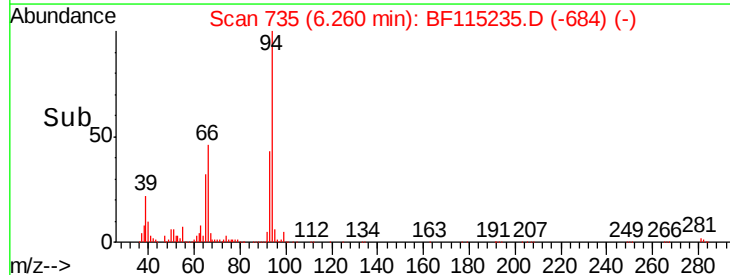
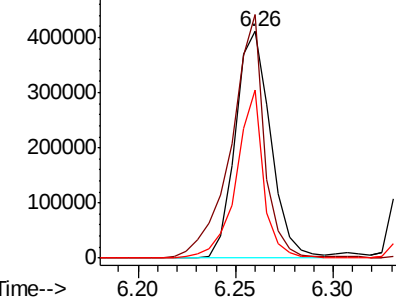
Lab File: BF115235.D

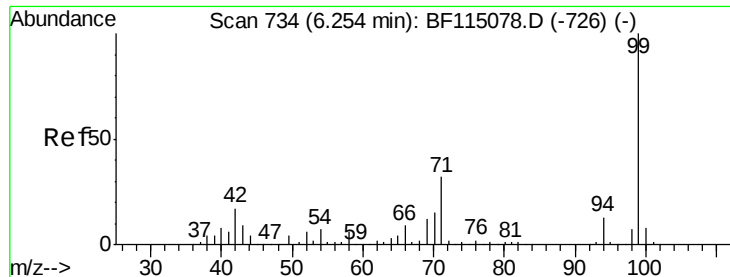
Acq: 27 Jun 2019 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 513624 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 107.5 | 30.0  | 45.0#  |
| 65       | 74.0  | 15.6  | 23.4#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
600000 Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.856 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion: 99 Resp: 2140458

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

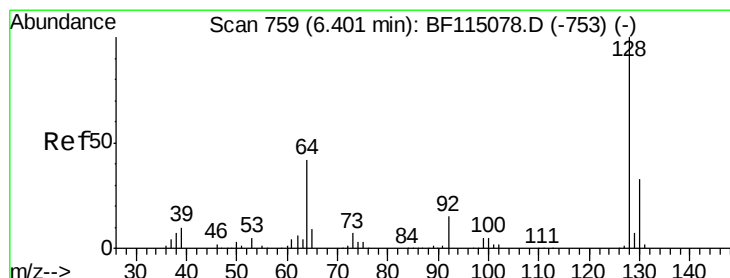
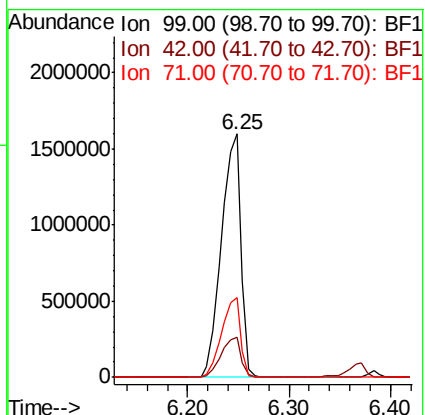
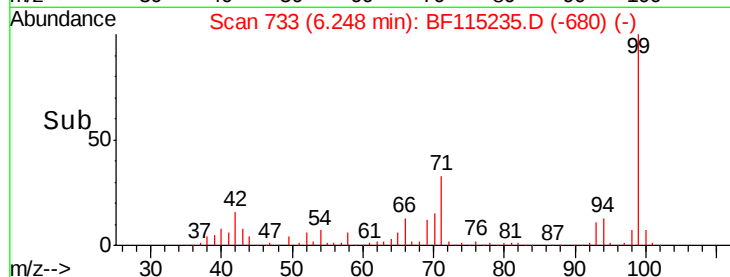
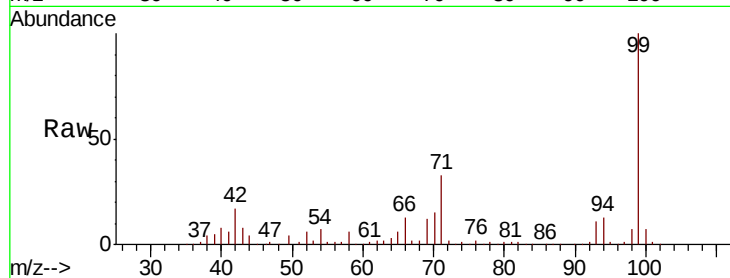
71 32.7 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.066 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

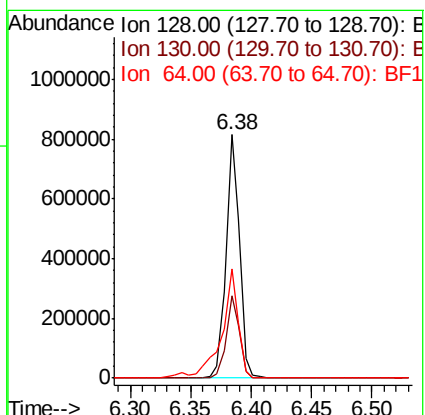
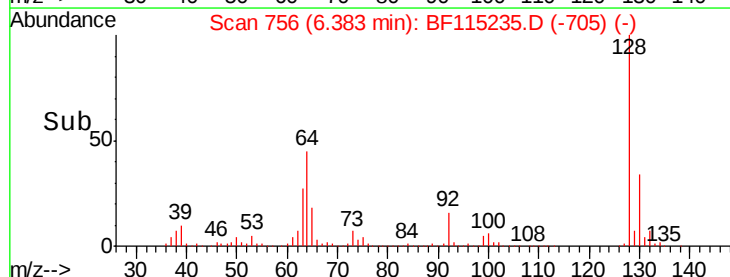
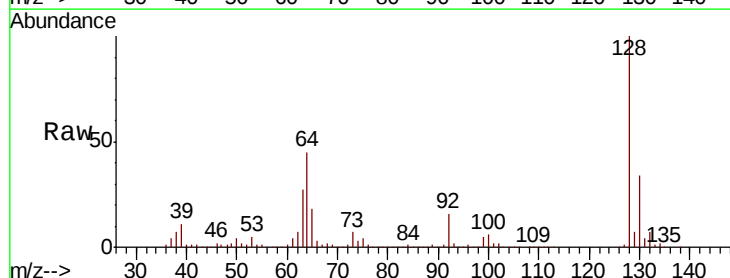
Tgt Ion: 128 Resp: 626319

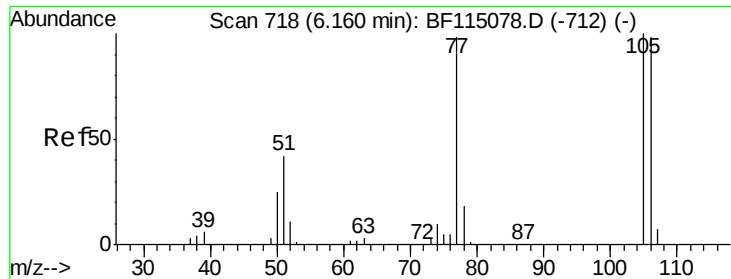
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 44.8 22.9 62.9





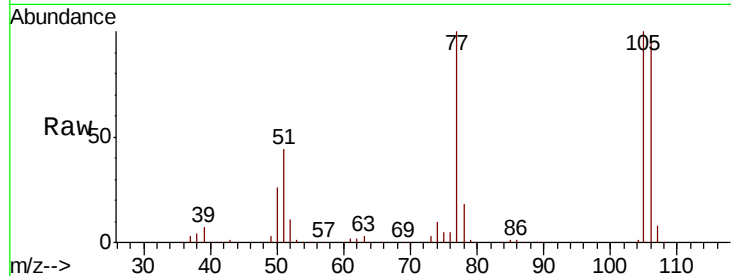
#9  
Benzaldehyde  
Concen: 30.274 ng  
RT: 6.14 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.5 | 81.5  | 121.5 |
| 106     | 98.0  | 79.7  | 119.7 |

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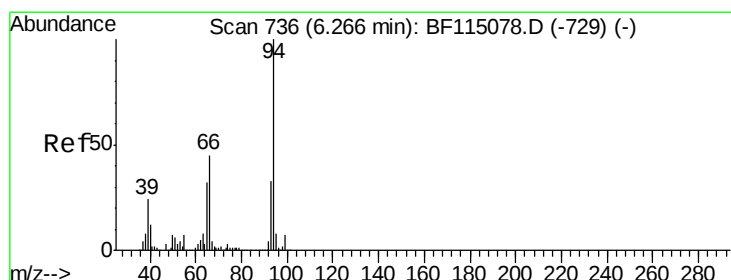
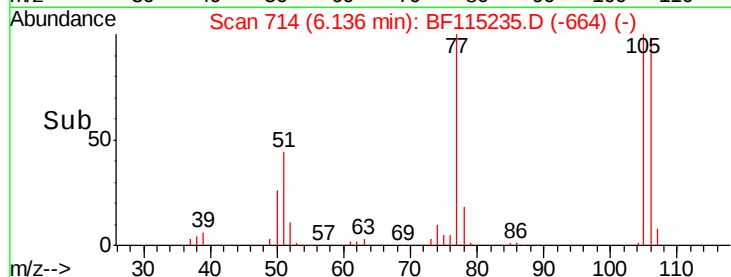
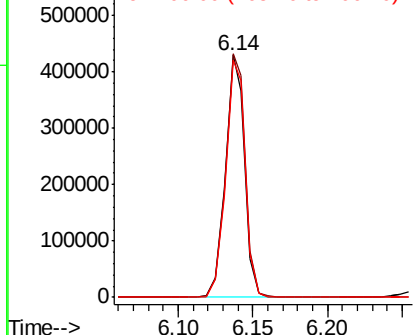


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10  
Phenol  
Concen: 32.911 ng  
RT: 6.26 min Scan# 735  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

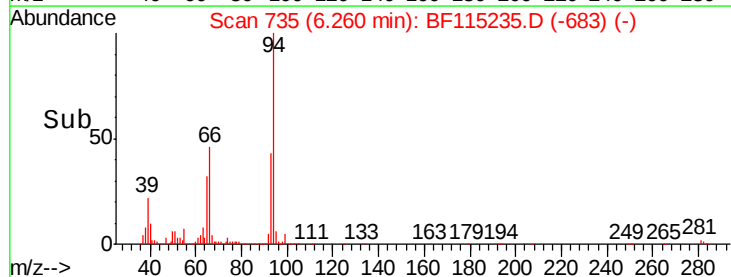
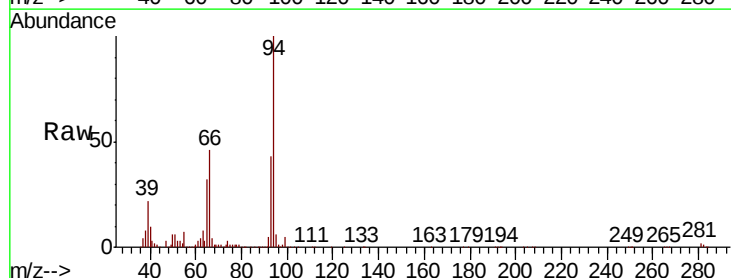
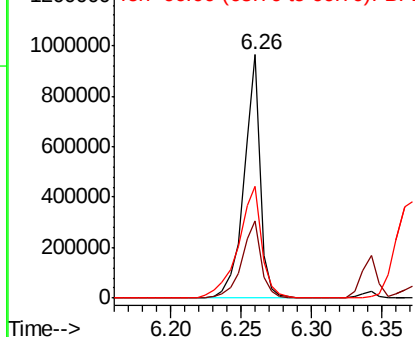
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.5  | 11.9  | 51.9  |
| 66      | 45.8  | 25.2  | 65.2  |

Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.036 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

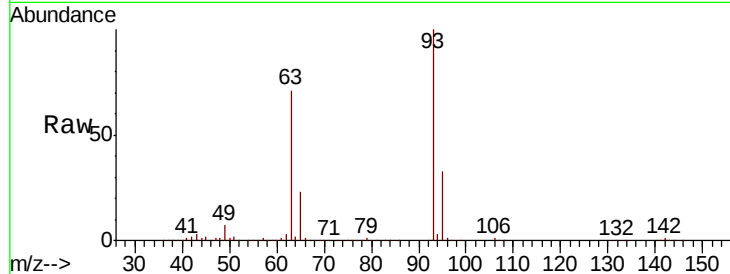
ClientSampleId :

SA-06-062619-BMS

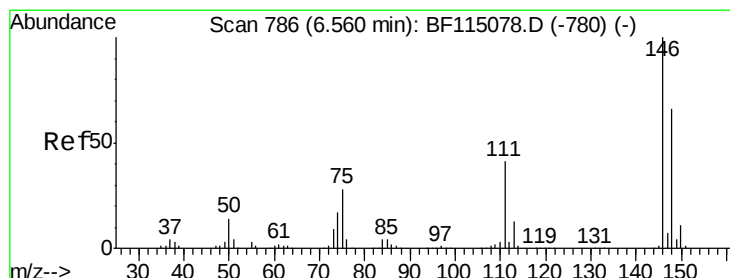
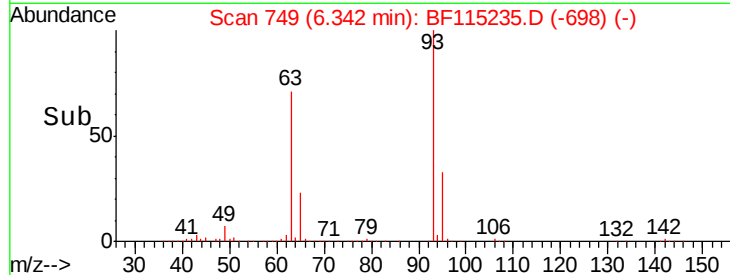
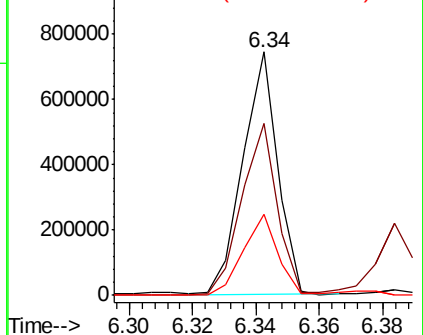
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 566105 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 70.8  | 51.5  | 91.5   |
| 95        | 33.2  | 13.4  | 53.4   |

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



#12

1,3-Dichlorobenzene

Concen: 32.505 ng

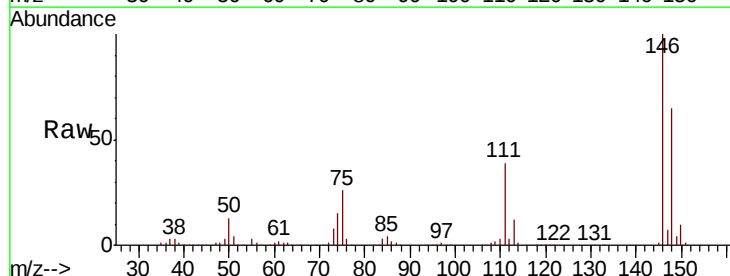
RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

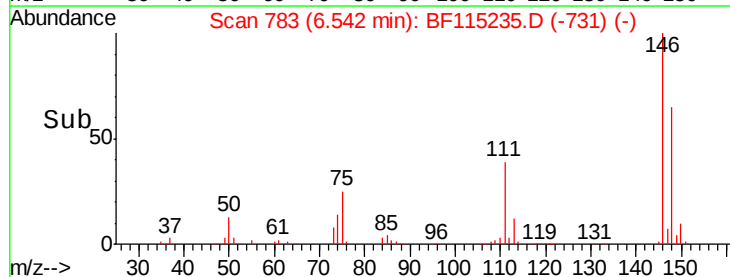
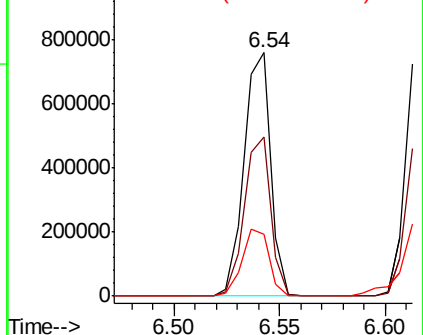
Lab File: BF115235.D

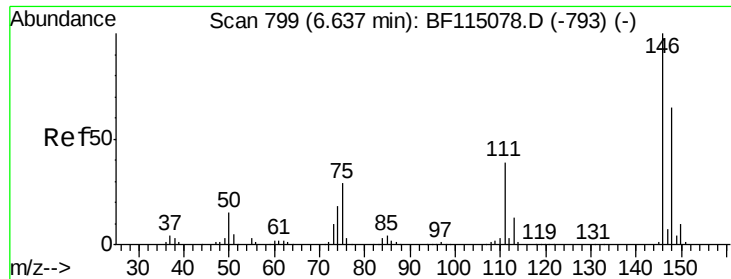
Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 663241 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 52.6  | 78.8   |
| 75        | 25.6  | 22.6  | 34.0   |



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





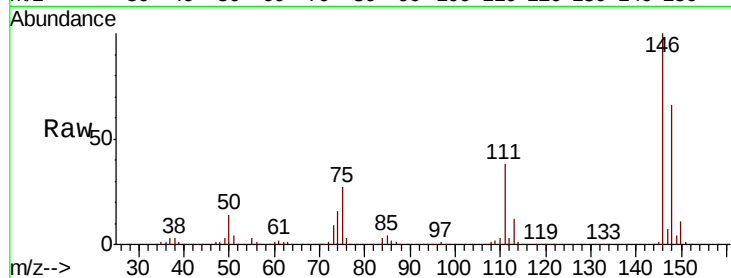
#13  
 1,4-Dichlorobenzene  
 Concen: 32.921 ng  
 RT: 6.62 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 51.9  | 77.9  |
| 111     | 37.8  | 31.4  | 47.0  |

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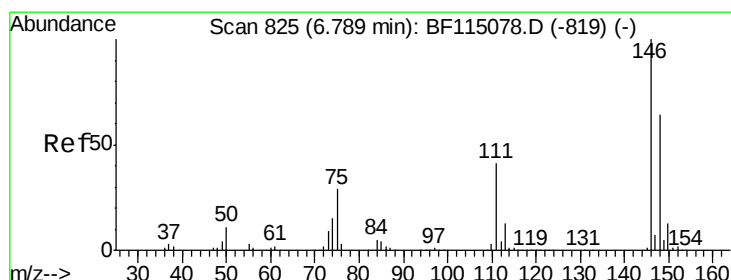
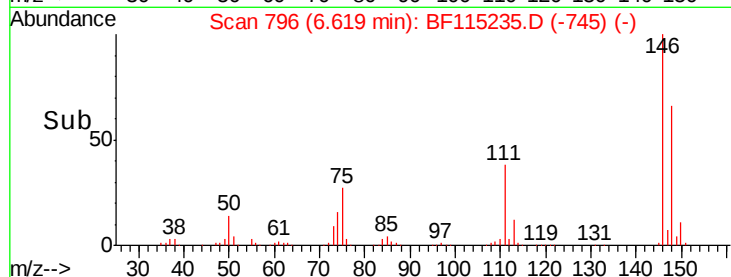
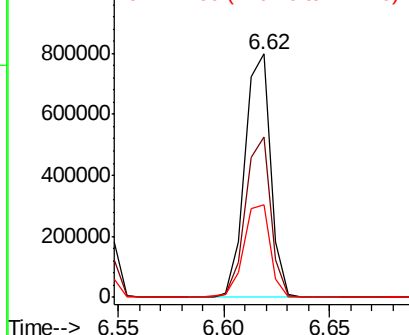


Abundance

Ion 146.00 (145.70 to 146.70): E

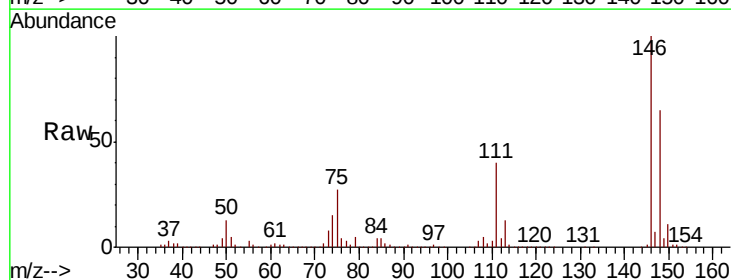
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 33.272 ng  
 RT: 6.77 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.1  | 76.7  |
| 111     | 40.3  | 33.2  | 49.8  |

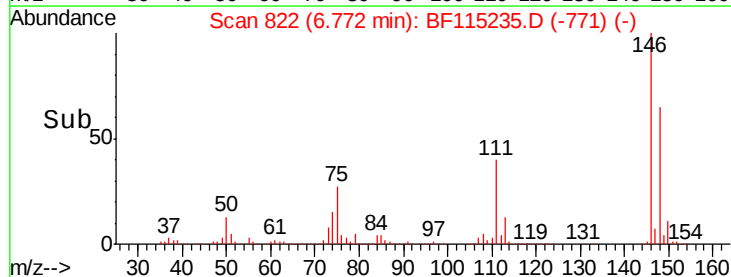
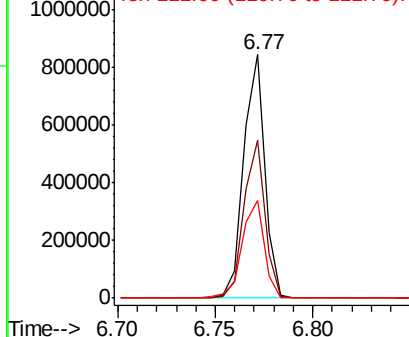


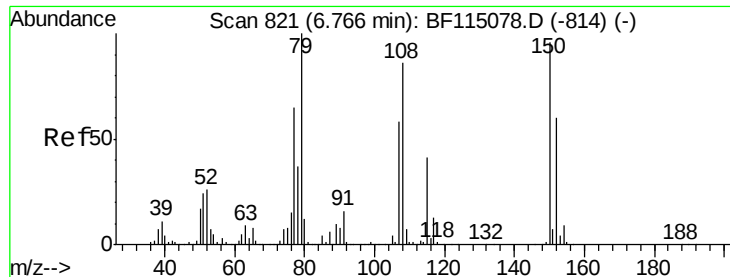
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.229 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

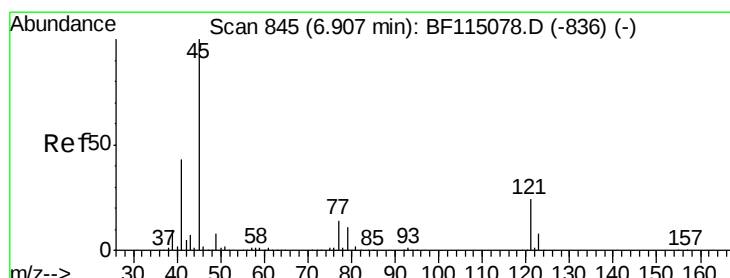
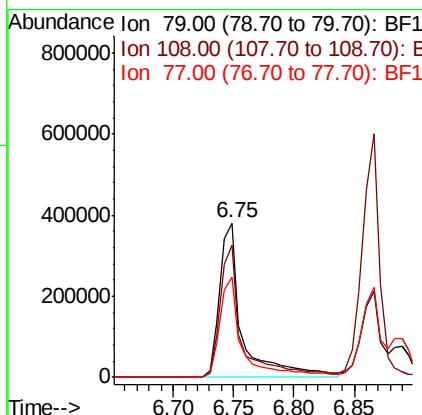
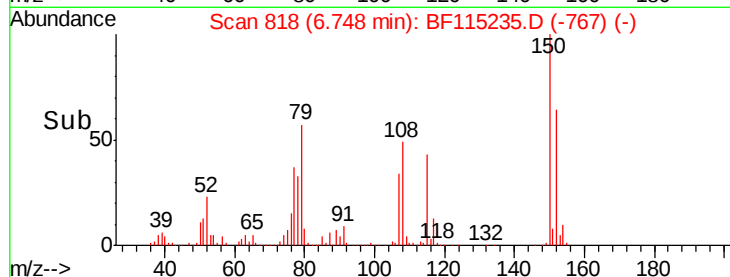
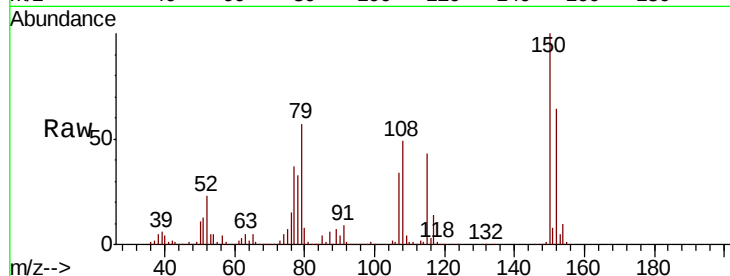
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 494635 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 85.6  | 68.7  | 103.1  |
| 77        | 65.0  | 51.7  | 77.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.682 ng

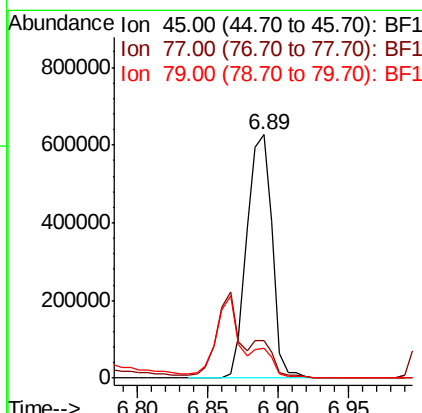
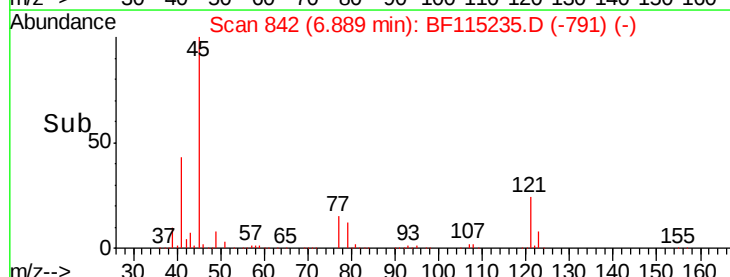
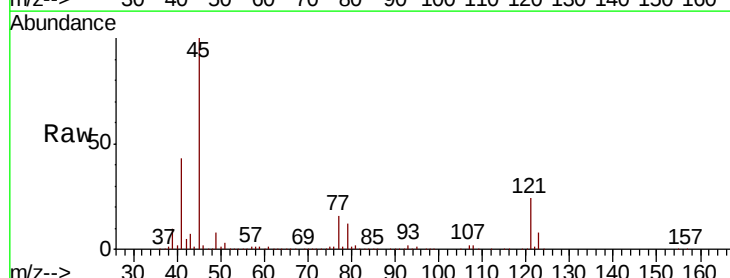
RT: 6.89 min Scan# 842

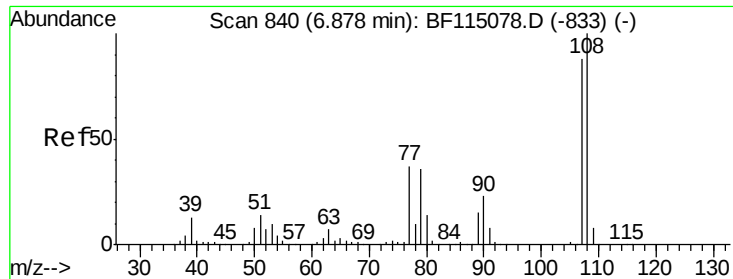
Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 787405 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.5  | 0.0   | 34.6   |
| 79        | 12.5  | 0.0   | 31.2   |





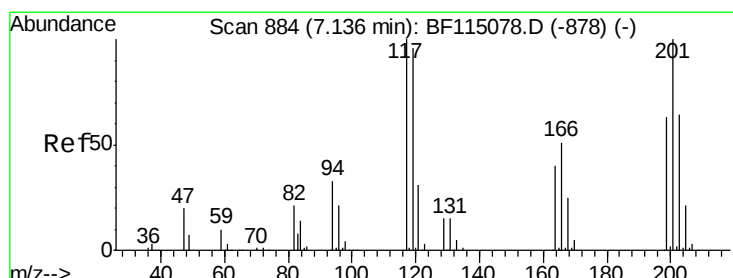
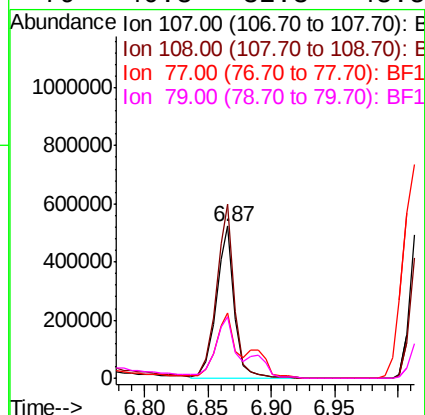
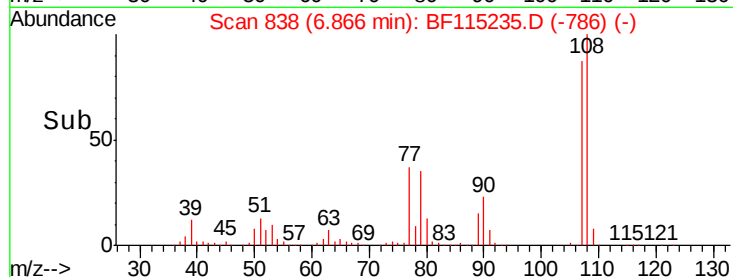
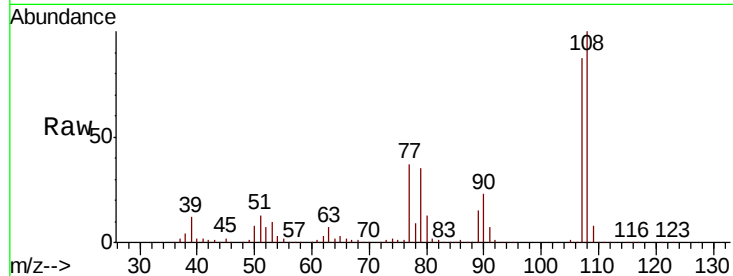
#17  
2-Methylphenol  
Concen: 34.617 ng  
RT: 6.87 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 115.0 | 90.9  | 136.3 |       |       |
| 77      | 42.7  | 33.4  | 50.2  |       |       |
| 79      | 40.8  | 32.3  | 48.5  |       |       |

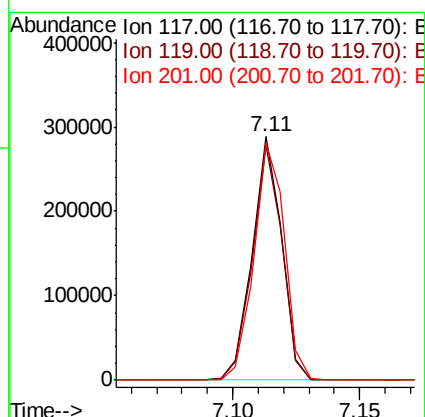
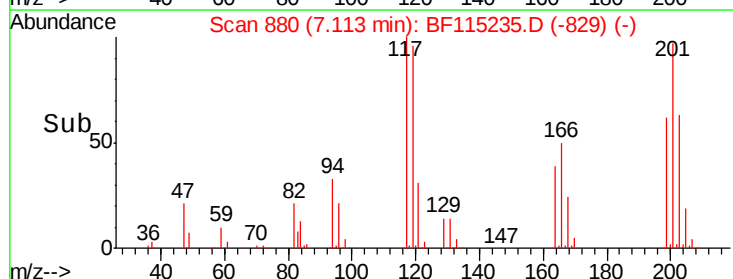
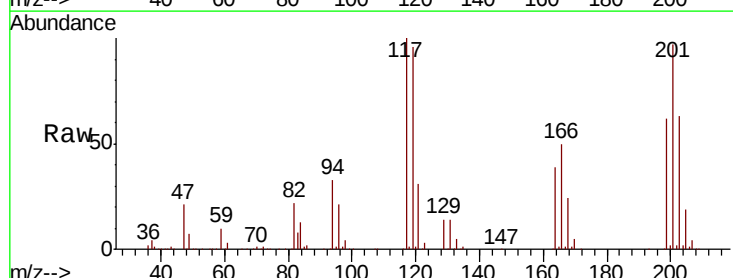
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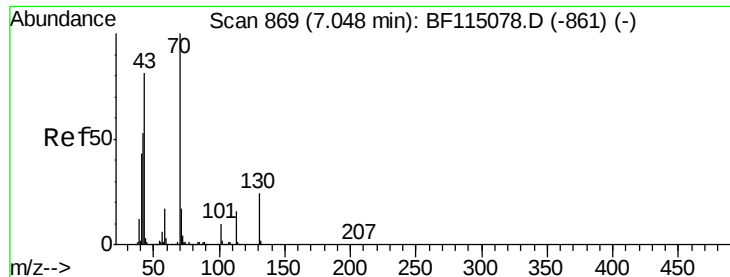
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#18  
Hexachloroethane  
Concen: 31.561 ng  
RT: 7.11 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       |       |       |       |
| 119     | 96.4 | 76.6  | 114.8 |       |       |
| 201     | 97.2 | 80.2  | 120.2 |       |       |





#19

n-Nitroso-di-n-propylamine

Concen: 31.556 ng

RT: 7.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

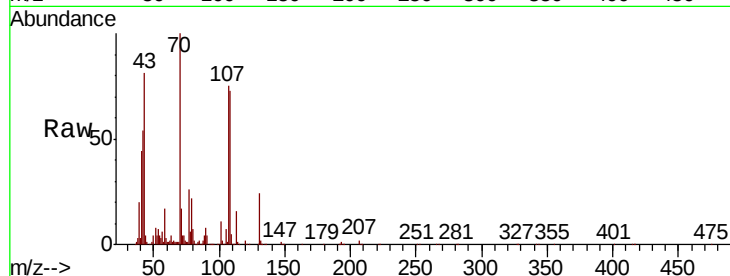
ClientSampleId :

SA-06-062619-BMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.5 | 42.6  | 63.8  |       |
| 101     | 10.5 | 8.0   | 12.0  |       |
| 130     | 24.2 | 19.4  | 29.0  |       |

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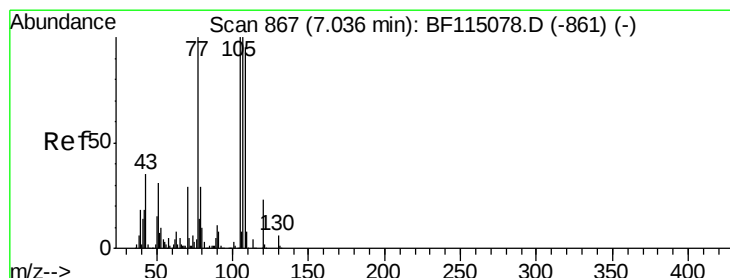
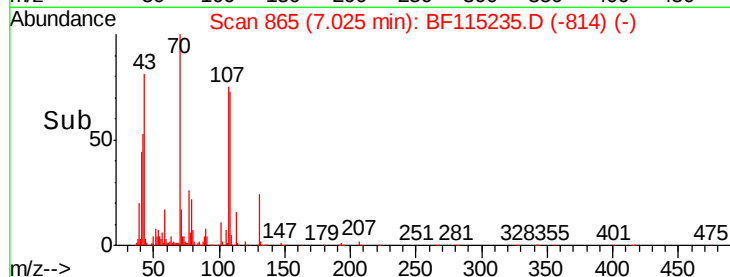
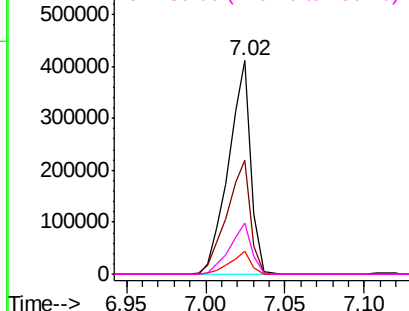
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.116 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 92.6 | 75.5  | 115.5 |       |
| 77      | 64.5 | 80.2  | 120.2 |       |
| 79      | 28.6 | 9.5   | 49.5  |       |

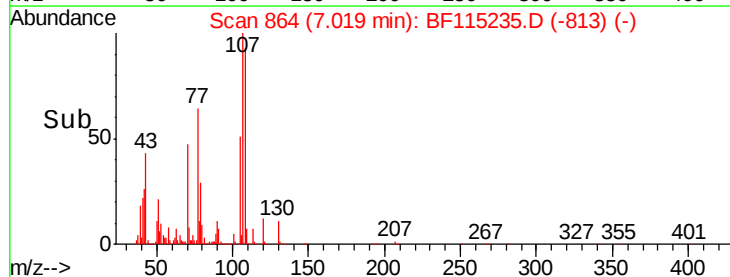
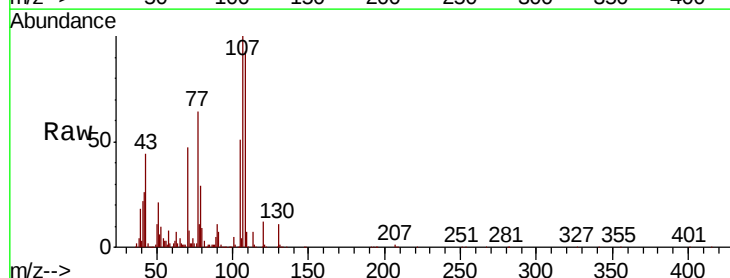
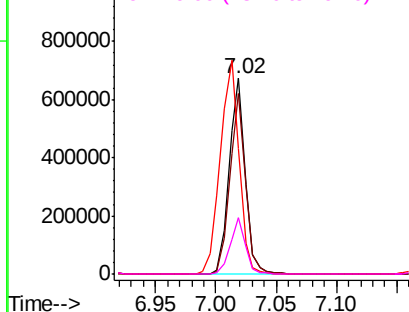
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





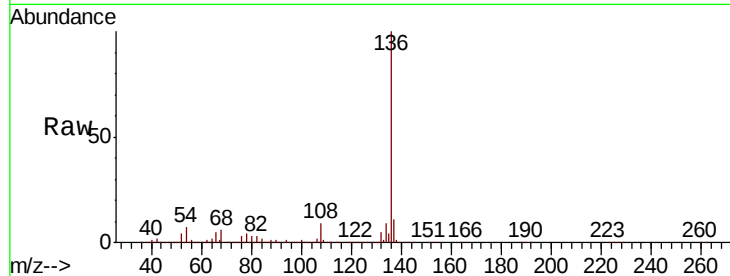
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.88 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 954131 |       |       |
| 137     | 11.4 | 8.9   | 13.3   |       |       |
| 54      | 7.3  | 5.6   | 8.4    |       |       |
| 68      | 6.1  | 4.8   | 7.2    |       |       |

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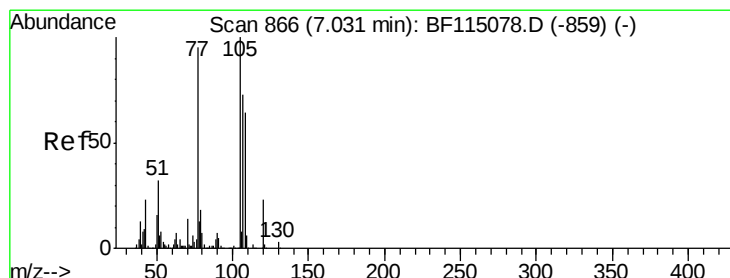
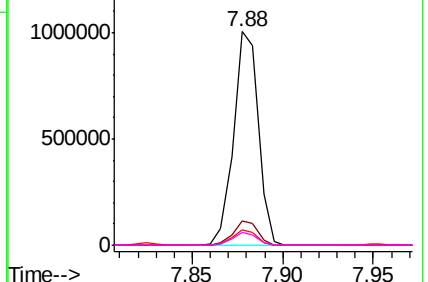
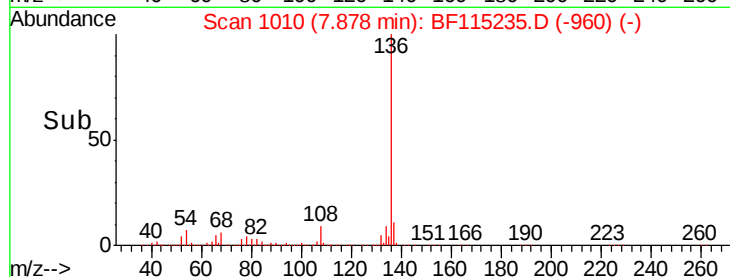
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 37.985 ng  
RT: 7.01 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 829719 |       |       |
| 71      | 3.8  | 1.9   | 2.9#   |       |       |
| 51      | 28.9 | 25.8  | 38.8   |       |       |
| 120     | 23.9 | 18.5  | 27.7   |       |       |

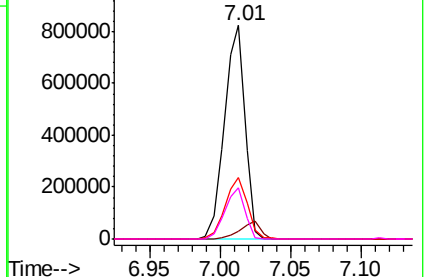
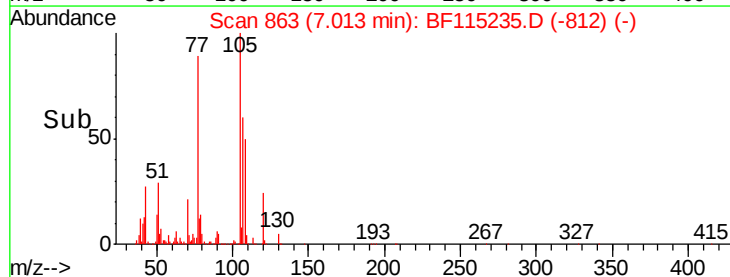
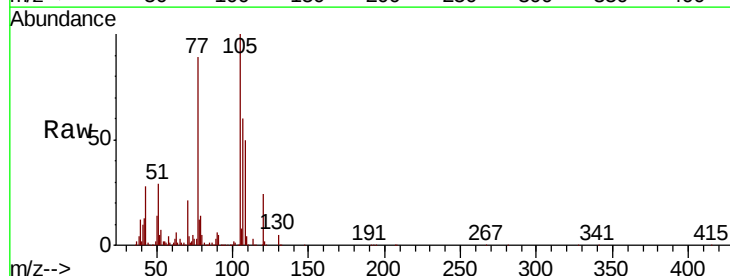
Abundance

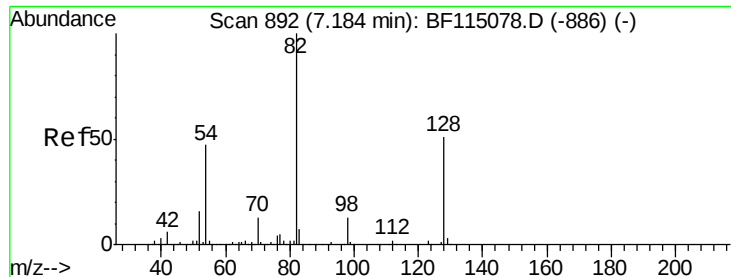
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.459 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion: 82 Resp: 1294484

Ion Ratio Lower Upper

82 100

128 53.3 40.4 60.6

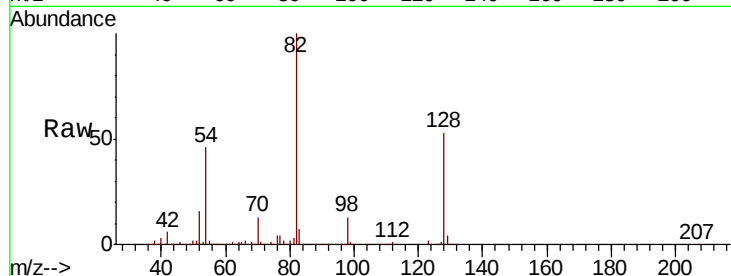
54 46.5 37.5 56.3

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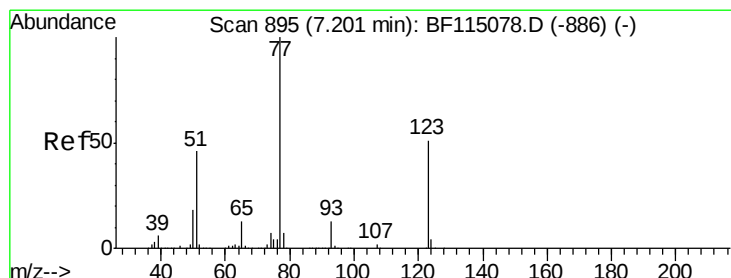
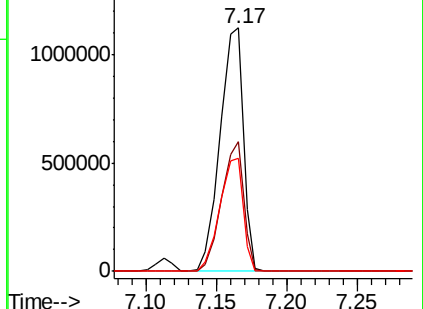
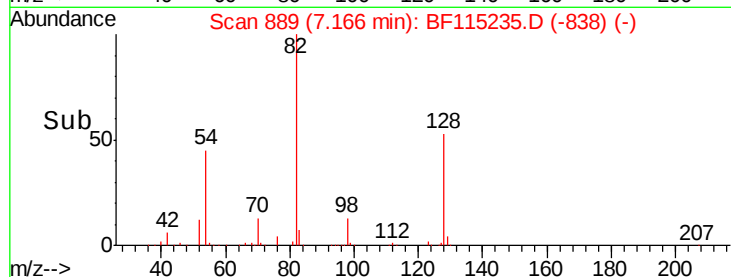
6/28/2019 2:58:18 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.872 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

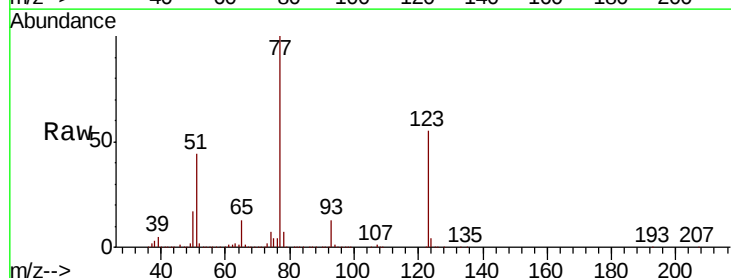
Tgt Ion: 77 Resp: 630057

Ion Ratio Lower Upper

77 100

123 54.9 41.0 61.6

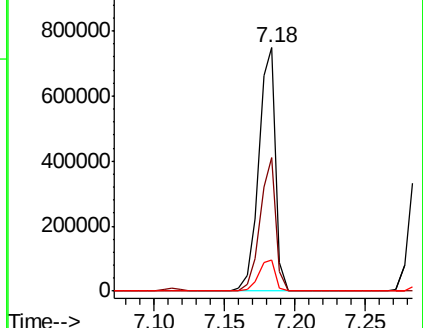
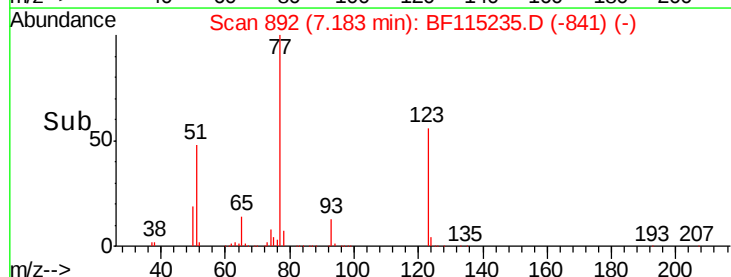
65 12.7 10.5 15.7

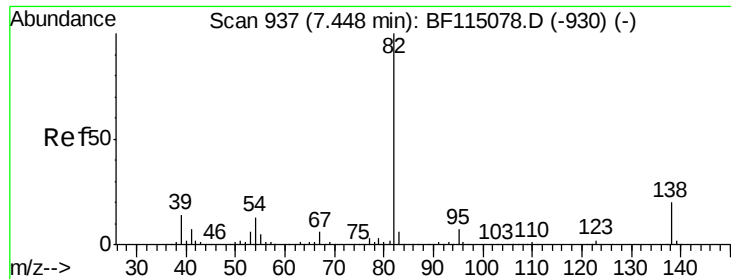


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.486 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion: 82 Resp: 1127536

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

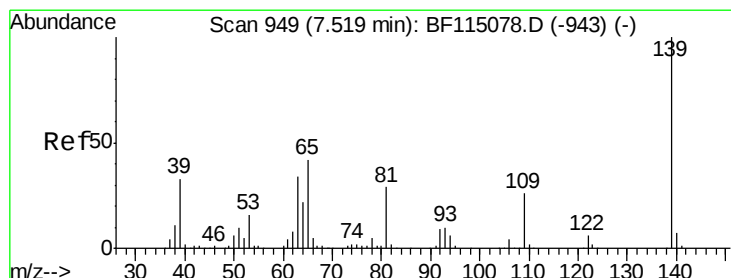
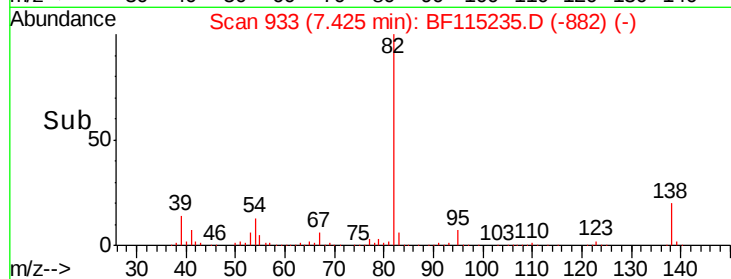
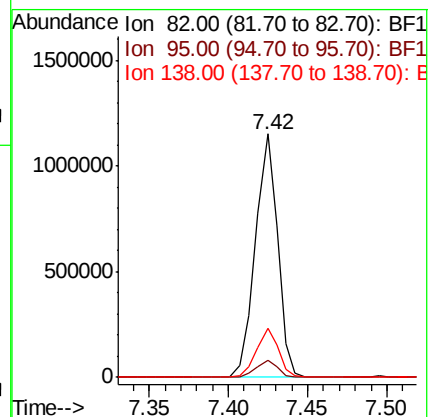
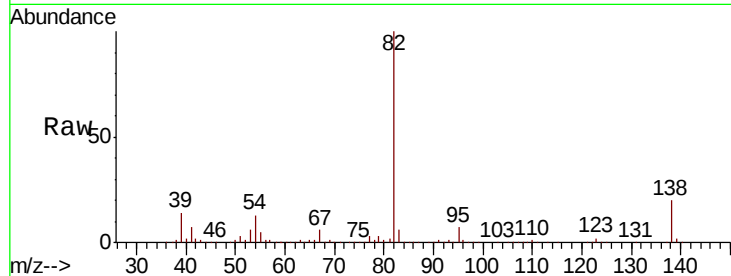
138 19.9 15.9 23.9

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#26

2-Nitrophenol

Concen: 40.414 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

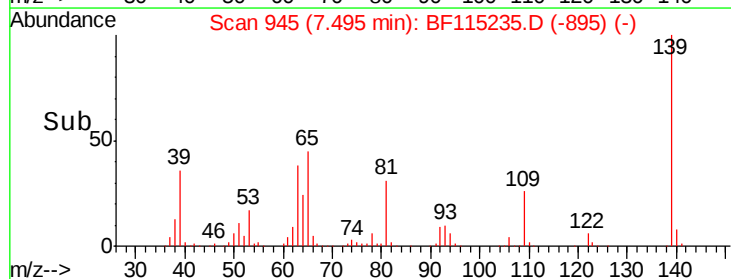
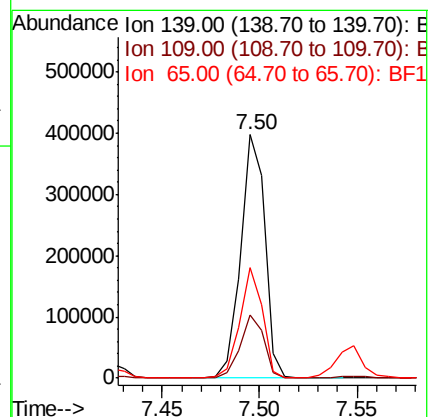
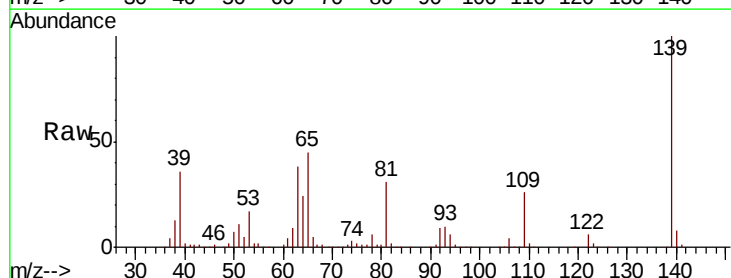
Tgt Ion: 139 Resp: 341033

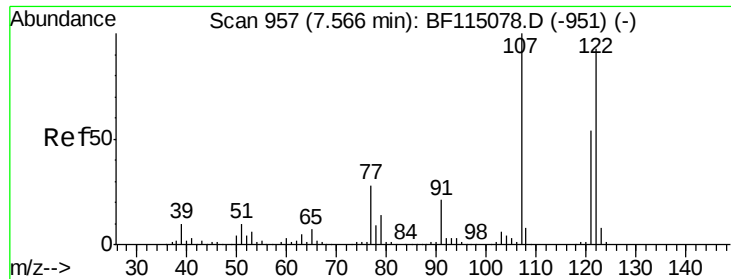
Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

65 45.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 41.700 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

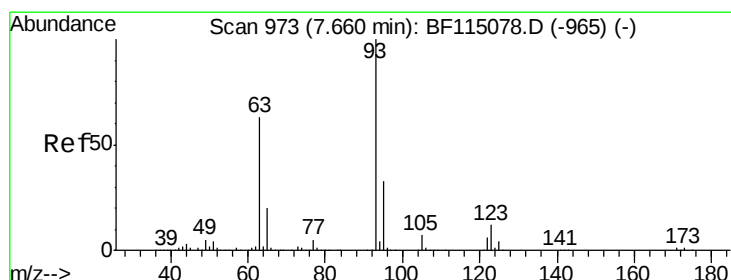
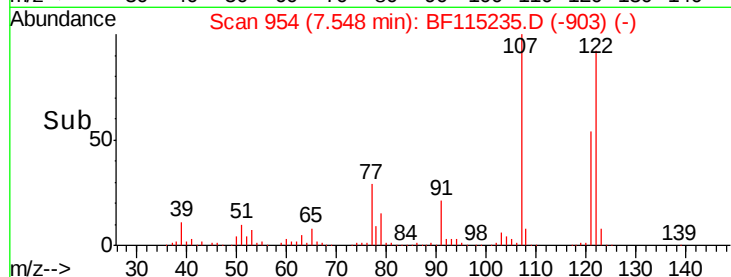
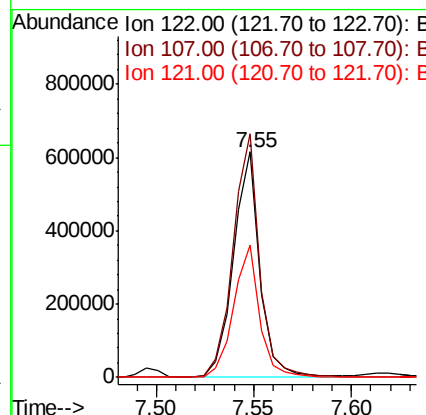
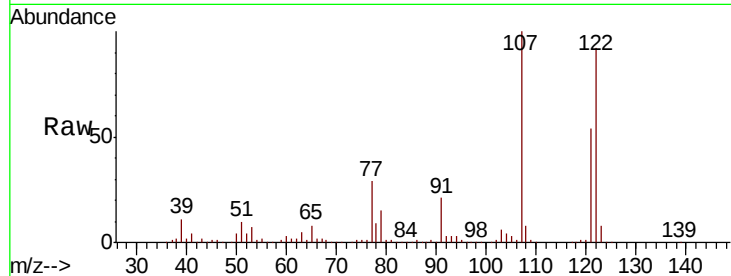
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 576143 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 108.1 | 85.8  | 128.6  |
| 121       | 58.5  | 46.3  | 69.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 35.699 ng

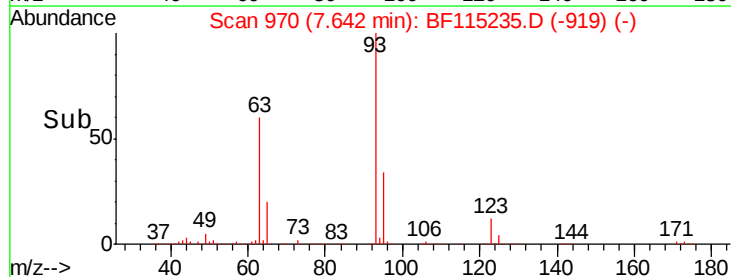
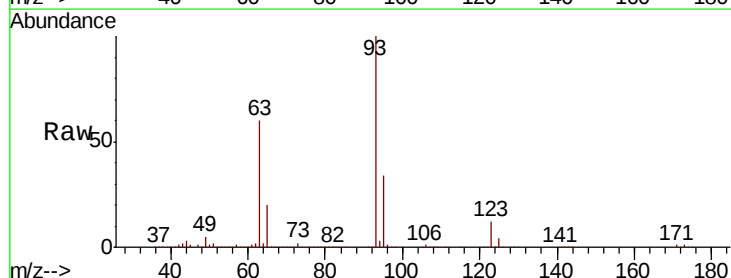
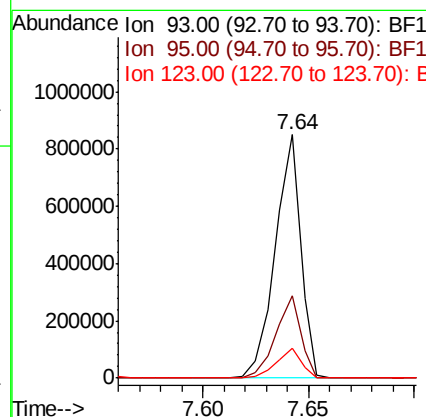
RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 716927 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.6  | 26.2  | 39.4   |
| 123       | 12.2  | 9.7   | 14.5   |





#29

2,4-Dichlorophenol

Concen: 37.788 ng

RT: 7.74 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

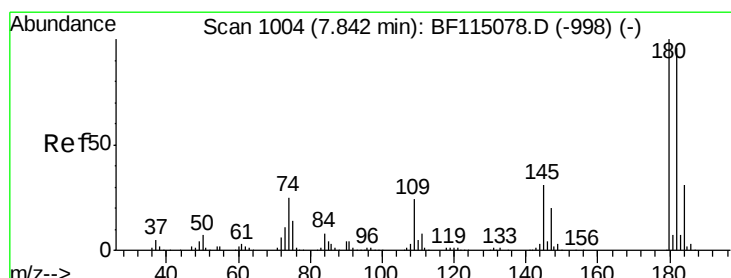
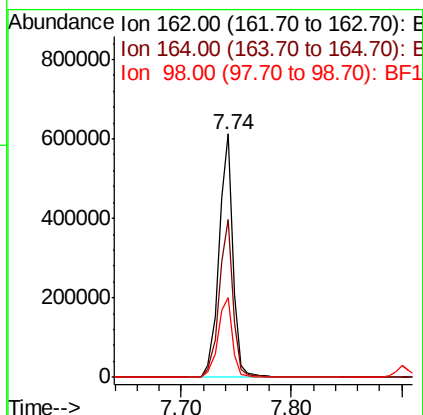
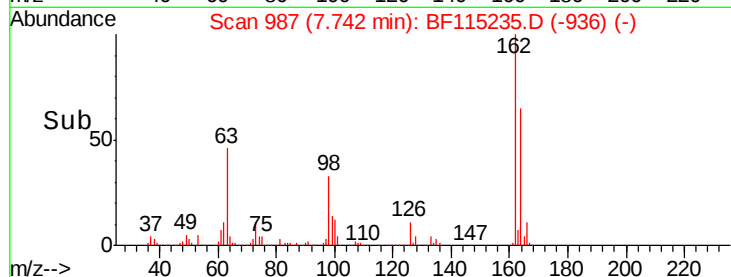
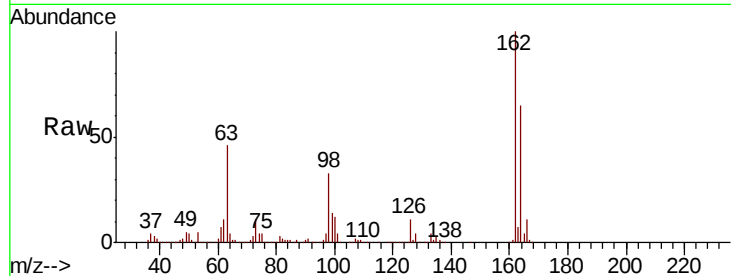
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 538792 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.6  | 45.3  | 85.3   |
| 98        | 33.0  | 12.5  | 52.5   |

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#30

1,2,4-Trichlorobenzene

Concen: 36.466 ng

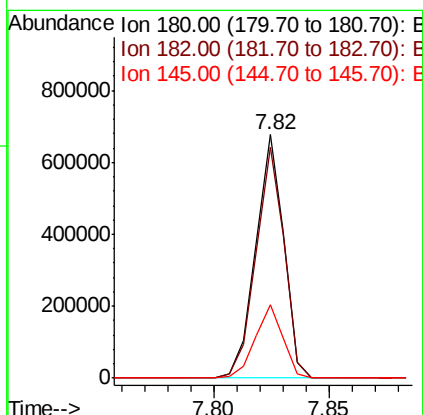
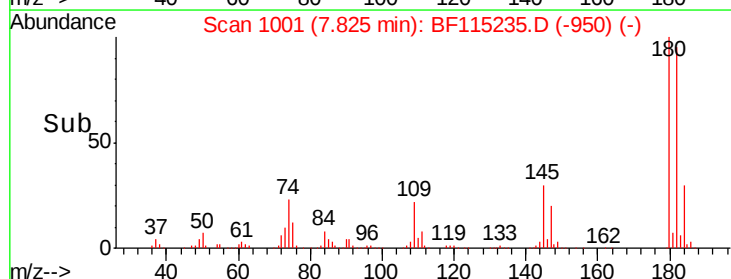
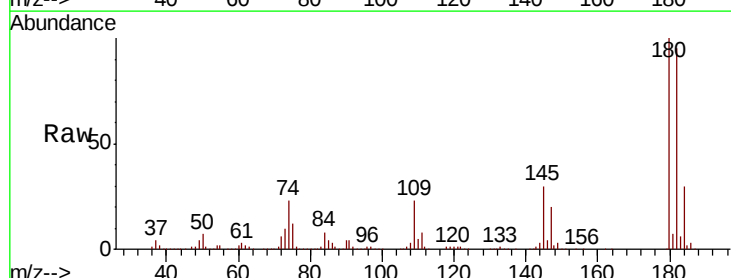
RT: 7.82 min Scan# 1001

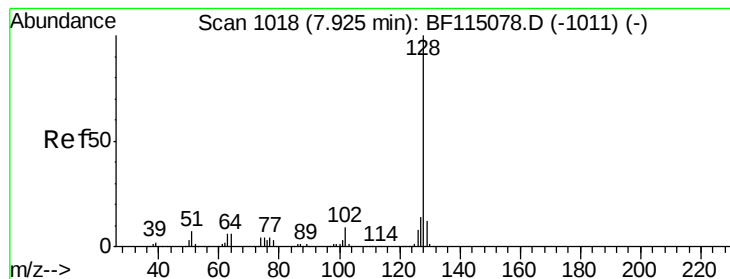
Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 574321 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.7  | 76.4  | 114.6  |
| 145       | 30.1  | 24.8  | 37.2   |





#31

Naphthalene

Concen: 37.246 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:128 Resp: 1744433

Ion Ratio Lower Upper

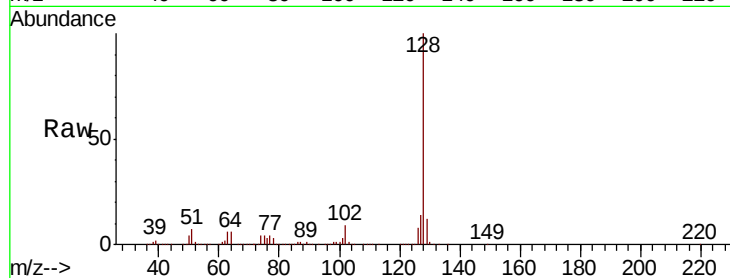
128 100

129 12.0 9.6 14.4

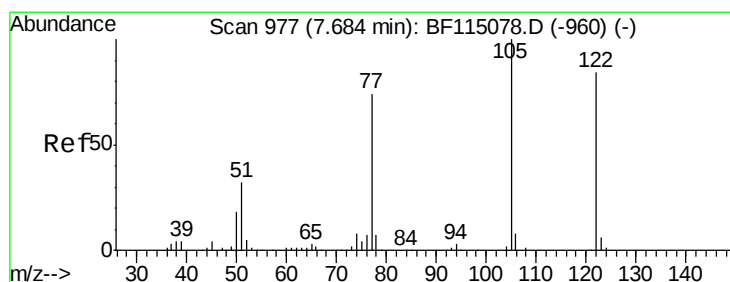
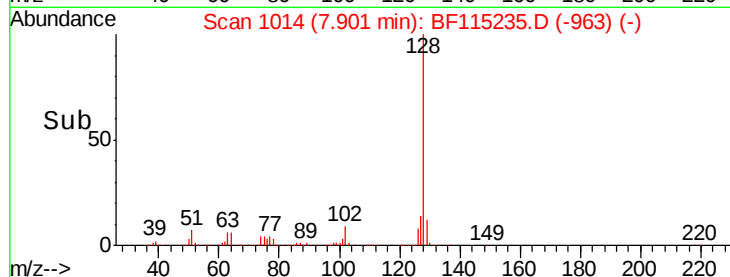
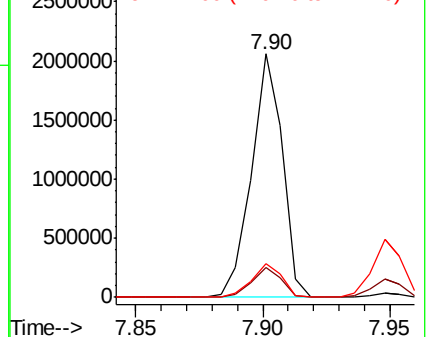
127 14.0 11.4 17.0

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



#32

Benzoic acid

Concen: 1.849 ng m

RT: 7.62 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

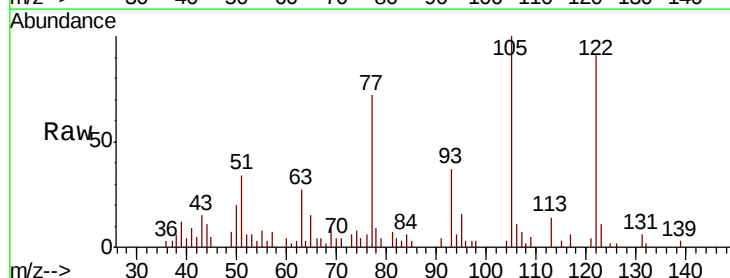
Tgt Ion:122 Resp: 18234

Ion Ratio Lower Upper

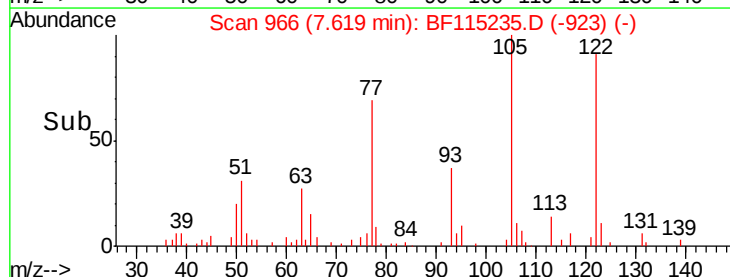
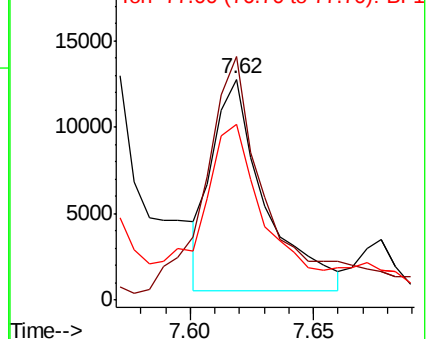
122 100

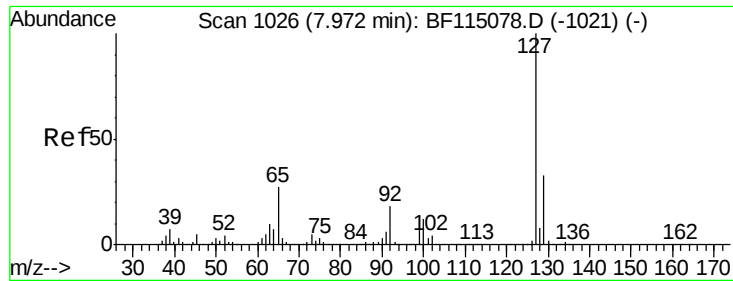
105 110.3 98.2 138.2

77 79.6 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





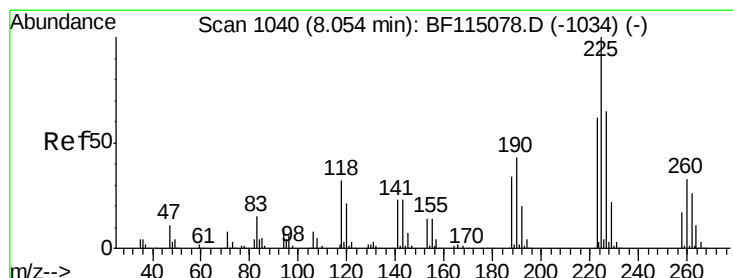
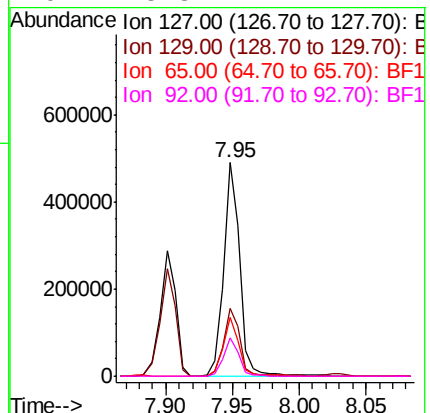
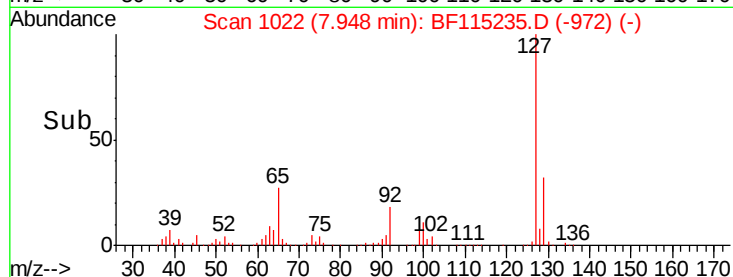
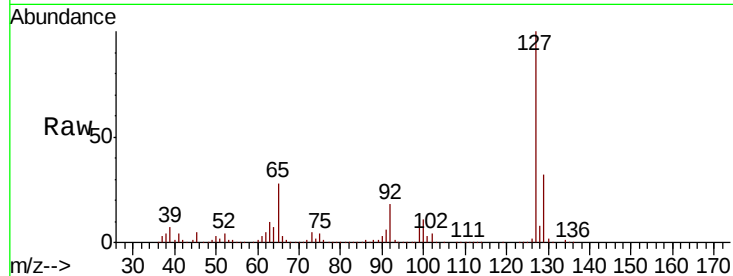
#33  
4-Chloroaniline  
Concen: 19.483 ng  
RT: 7.95 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 417045  | 127 | 100   |      |       |       |
|         | 129 | 31.9  | 26.1 | 39.1  |       |
|         | 65  | 27.5  | 21.4 | 32.2  |       |
|         | 92  | 18.3  | 14.1 | 21.1  |       |

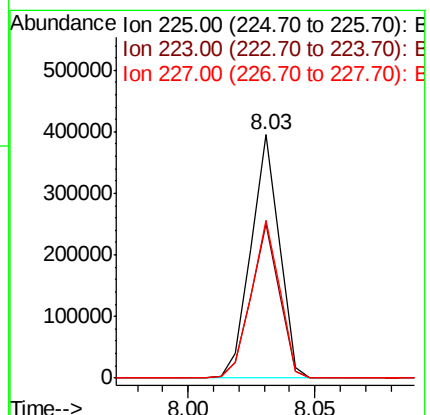
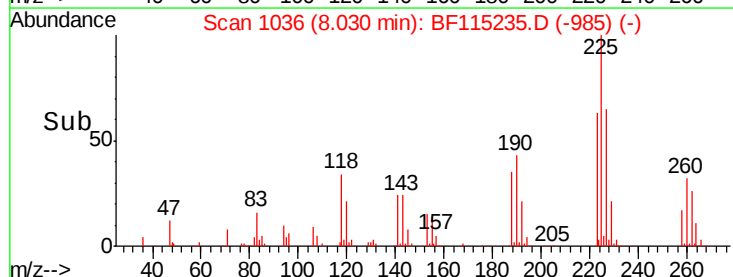
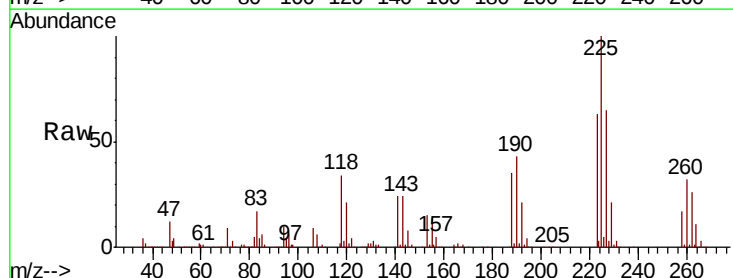
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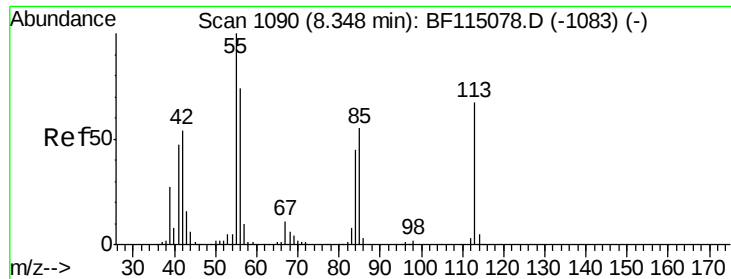
mohammad  
6/28/2019 2:58:18 PM



#34  
Hexachlorobutadiene  
Concen: 35.957 ng  
RT: 8.03 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 310339  | 225 | 100   |      |       |       |
|         | 223 | 63.0  | 49.4 | 74.2  |       |
|         | 227 | 65.0  | 51.8 | 77.8  |       |





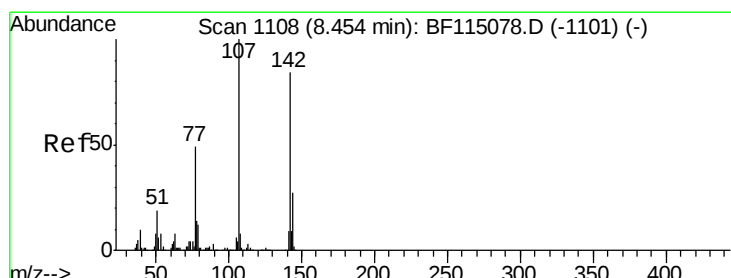
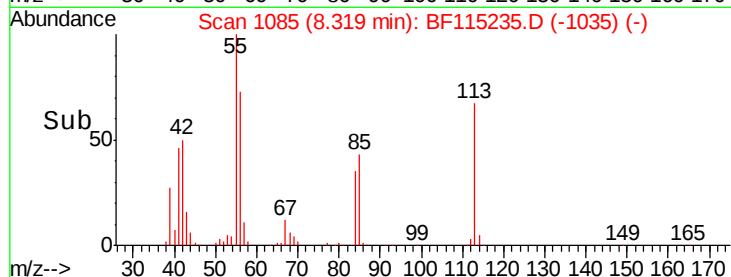
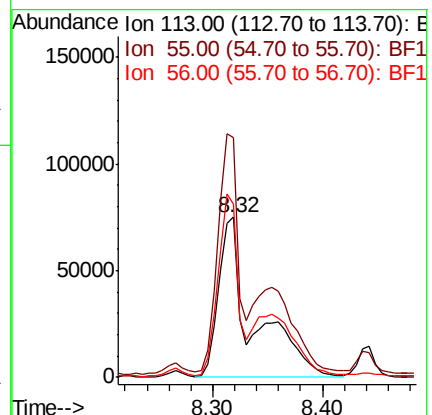
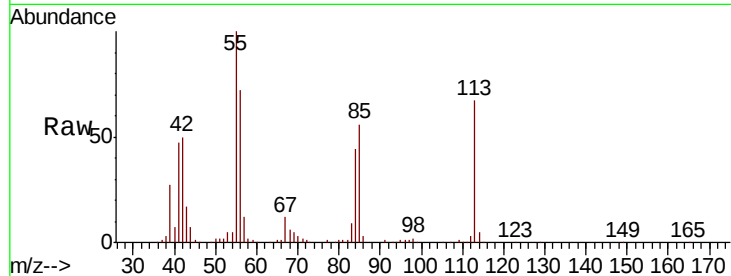
#35  
Caprolactam  
Concen: 34.491 ng/ml  
RT: 8.32 min Scan# 1085  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 149.9 | 130.2 | 170.2 |
| 56      | 108.4 | 91.6  | 131.6 |

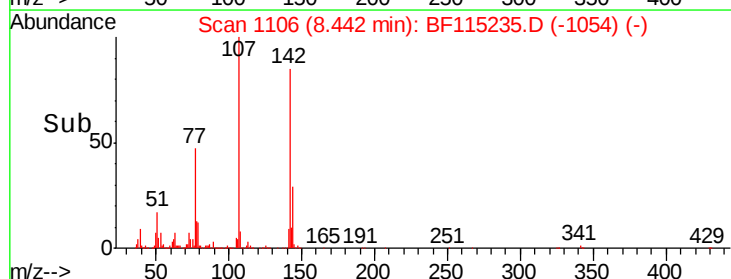
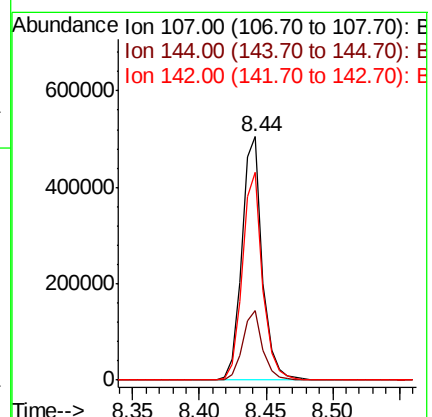
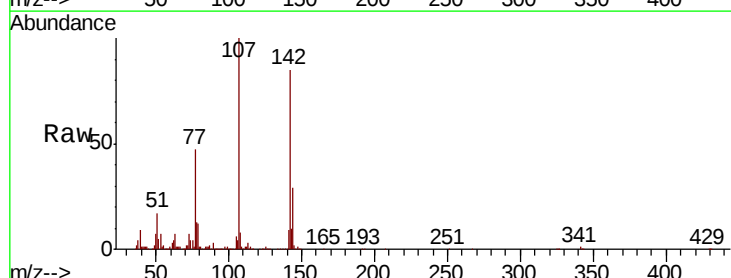
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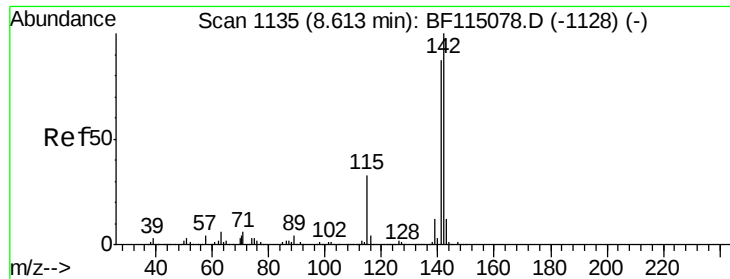
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 37.407 ng/ml  
RT: 8.44 min Scan# 1106  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.6  | 21.7  | 32.5  |
| 142     | 85.4  | 67.0  | 100.4 |





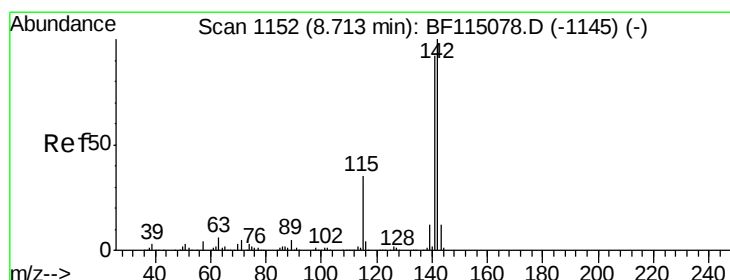
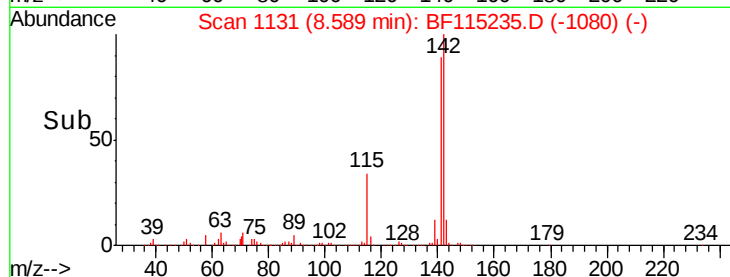
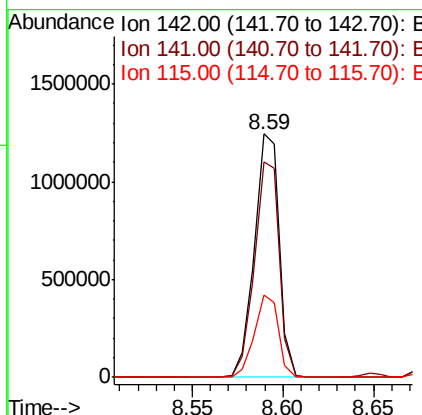
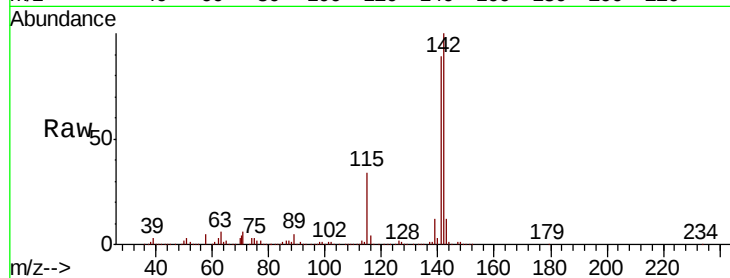
#37  
2-Methylnaphthalene  
Concen: 37.481 ng  
RT: 8.59 min Scan# 1131  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

Tot Ion:142 Resp: 1183619  
Ion Ratio Lower Upper  
142 100  
141 88.7 69.8 104.6  
115 33.8 26.7 40.1

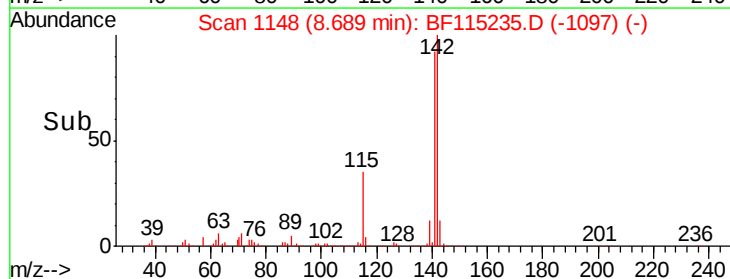
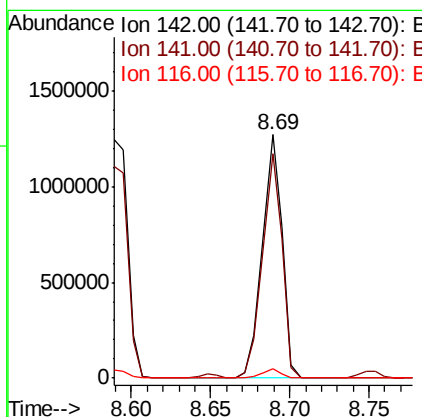
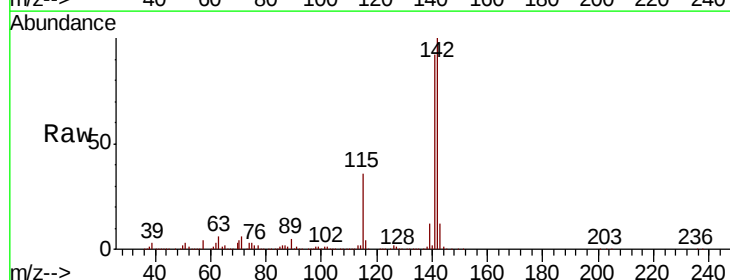
Manual Integrations  
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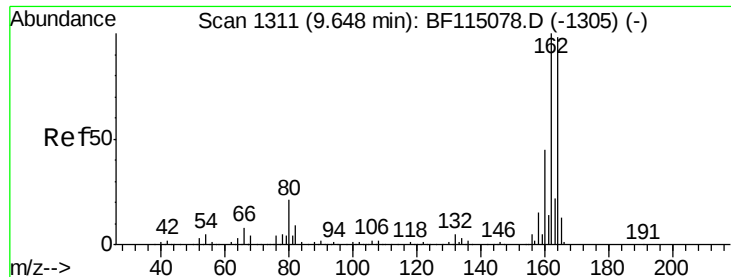
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 37.107 ng  
RT: 8.69 min Scan# 1148  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Tgt Ion:142 Resp: 1119170  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.8 110.8  
116 3.7 2.8 4.2





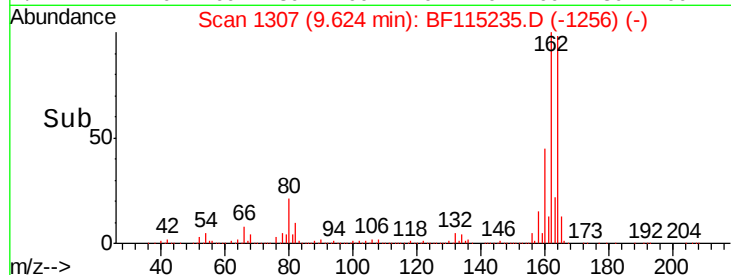
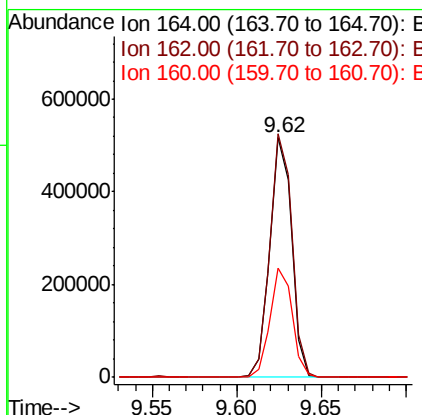
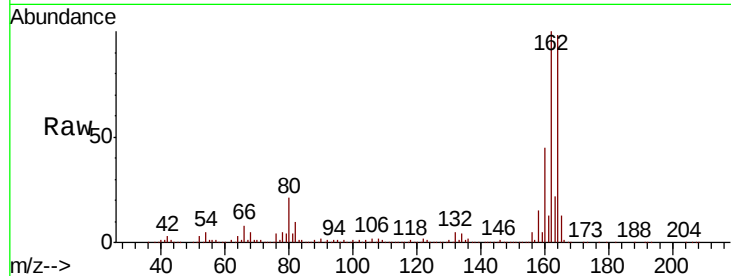
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.62 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 81.7  | 122.5 |
| 160     | 45.5  | 37.0  | 55.4  |

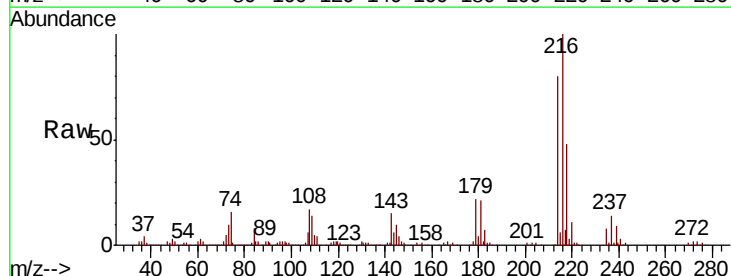
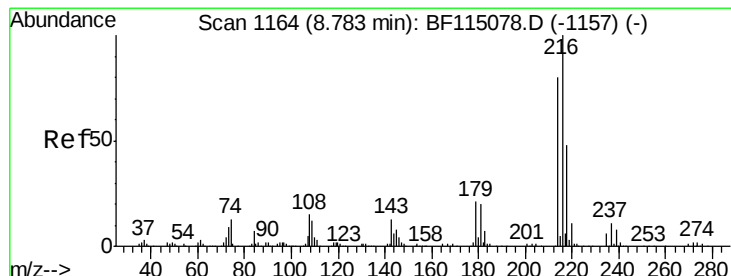
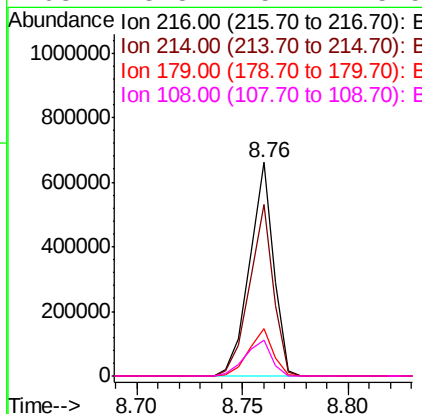
Manual Integrations  
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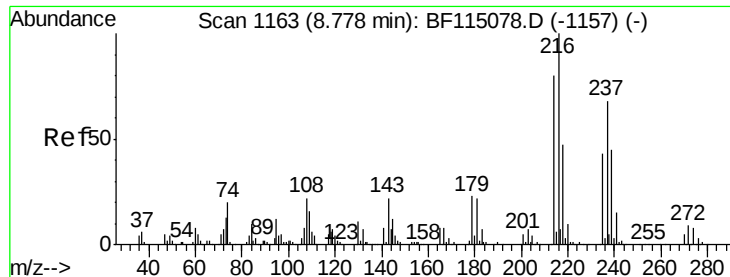
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.516 ng  
RT: 8.76 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.5  | 63.8  | 95.6  |
| 179     | 22.3  | 17.6  | 26.4  |
| 108     | 18.8  | 15.7  | 23.5  |





#41

Hexachlorocyclopentadiene

Concen: 38.418 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

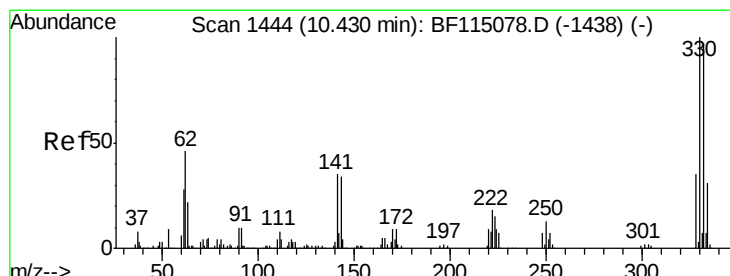
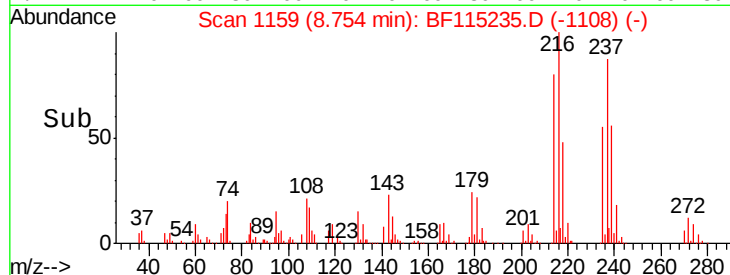
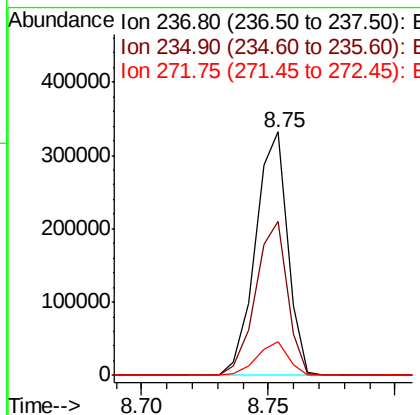
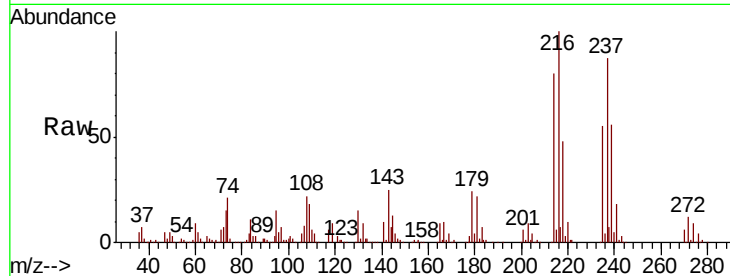
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 295399 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.2  | 43.9  | 83.9   |
| 272       | 14.1  | 0.0   | 33.8   |

Manual Integrations  
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#42

2,4,6-Tribromophenol

Concen: 117.074 ng

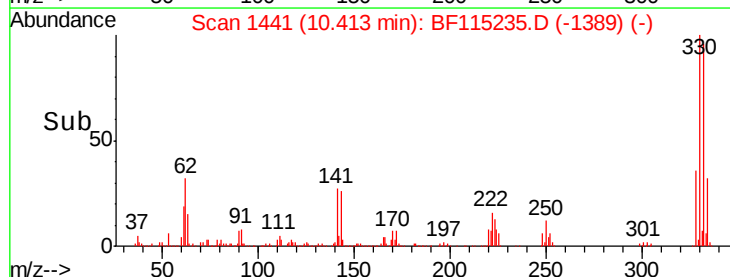
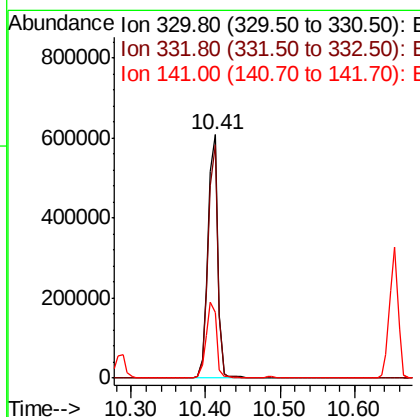
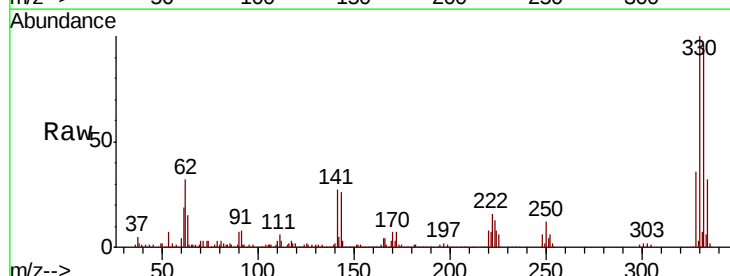
RT: 10.41 min Scan# 1441

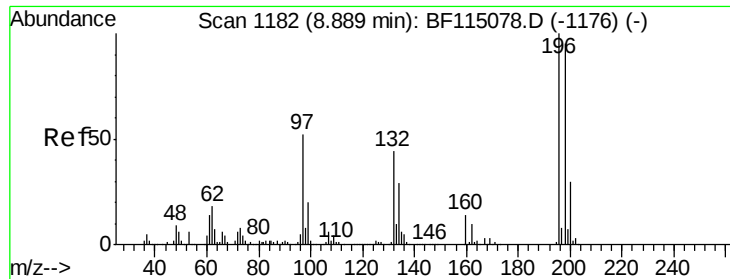
Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 566534 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.6  | 77.3  | 115.9  |
| 141       | 32.7  | 28.2  | 42.2   |





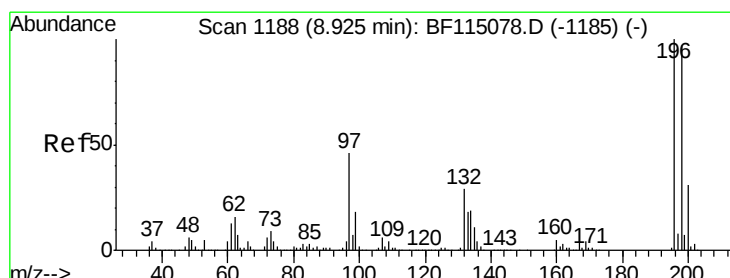
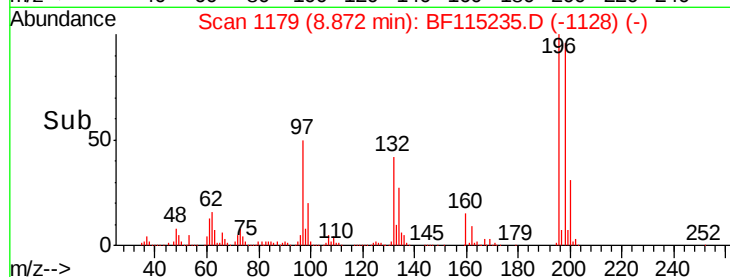
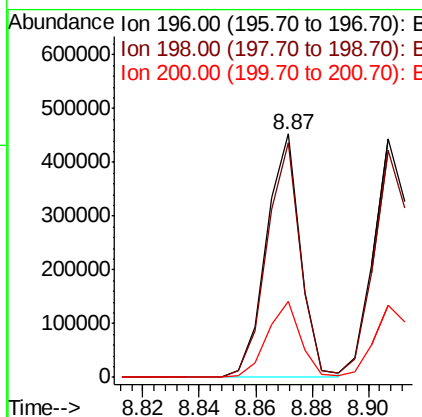
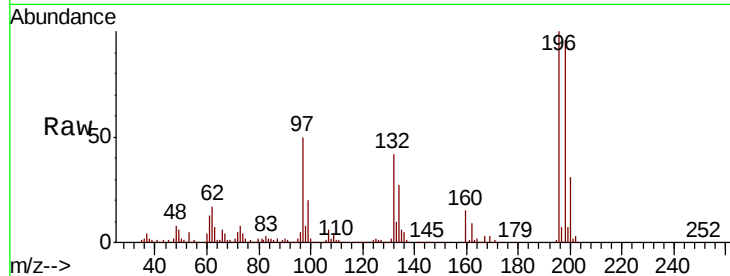
#43  
2,4,6-Trichlorophenol  
Concen: 37.806 ng  
RT: 8.87 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 378486 |       |       |
| 198     | 96.3  | 76.3   | 114.5 |       |
| 200     | 31.0  | 24.2   | 36.4  |       |

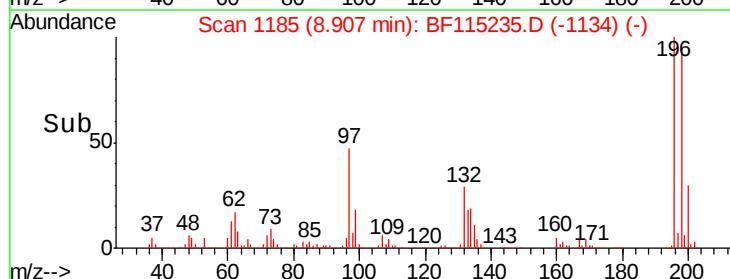
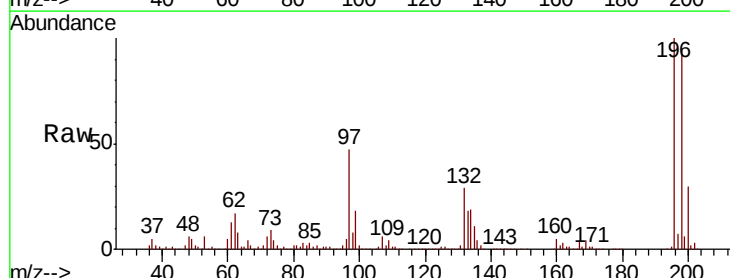
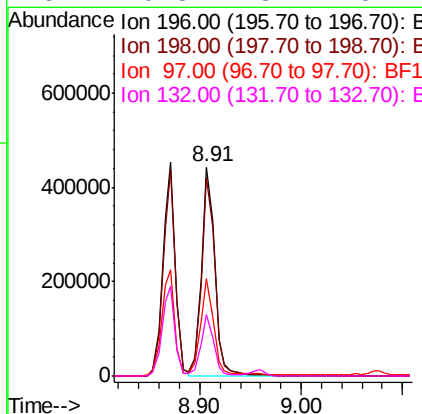
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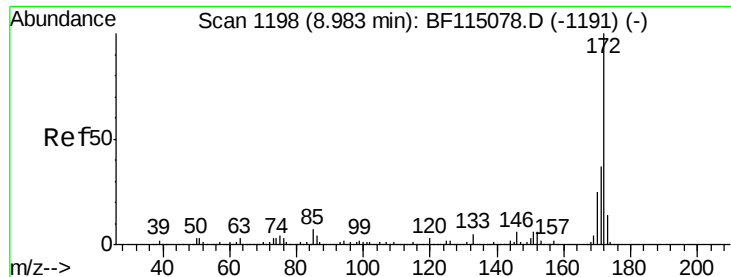
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#44  
2,4,5-Trichlorophenol  
Concen: 39.480 ng  
RT: 8.91 min Scan# 1185  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 407028 |       |       |
| 198     | 95.0  | 77.1   | 115.7 |       |
| 97      | 46.8  | 37.7   | 56.5  |       |
| 132     | 29.3  | 23.1   | 34.7  |       |





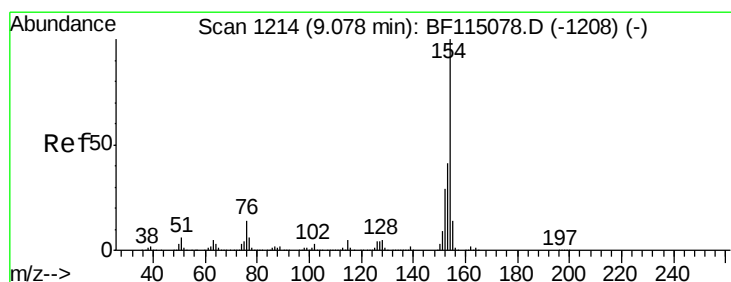
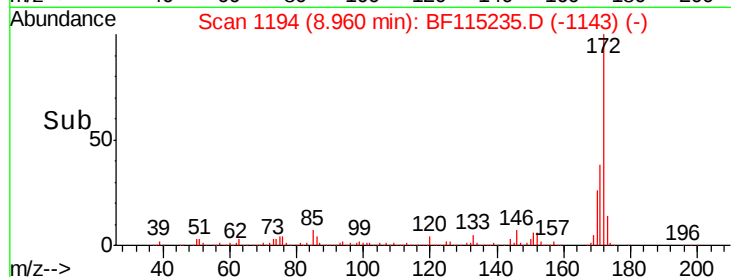
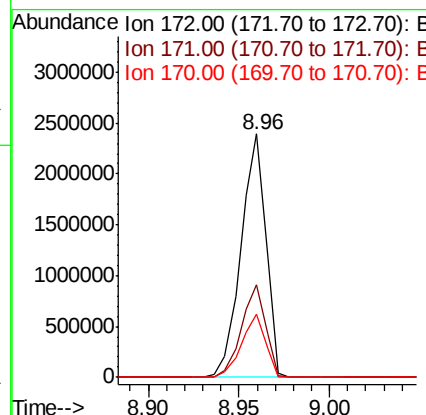
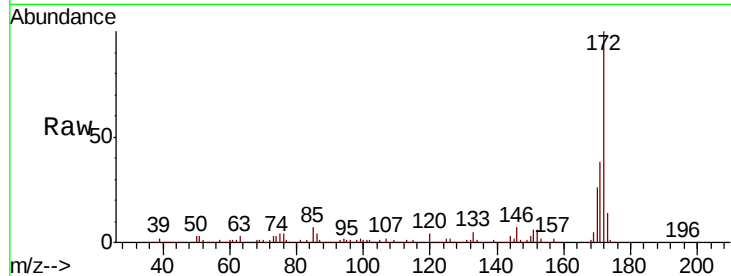
#45  
2-Fluorobiphenyl  
Concen: 83.931 ng  
RT: 8.96 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 38.2 | 29.8  | 44.6  |       |
| 170     | 26.1 | 20.3  | 30.5  |       |

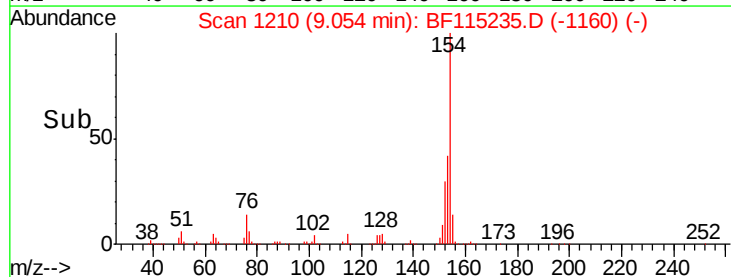
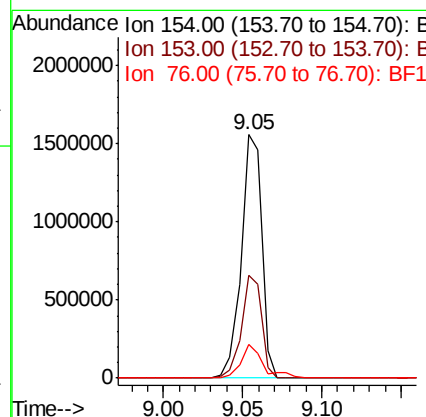
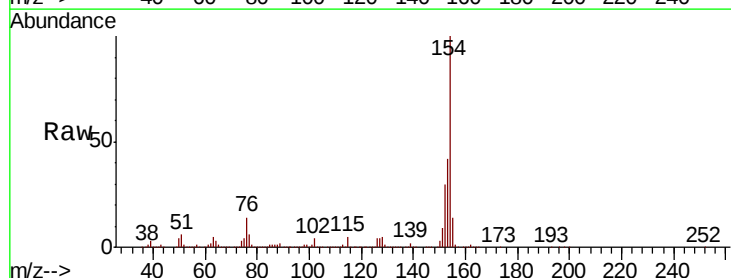
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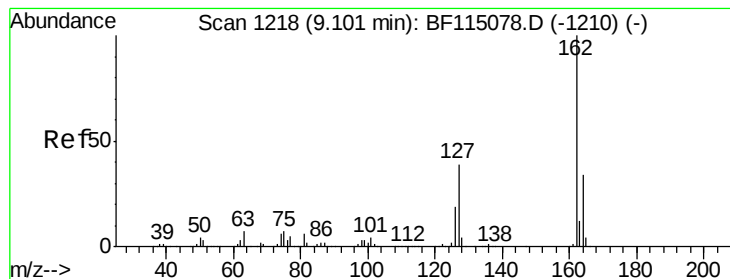
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#46  
1,1'-Biphenyl  
Concen: 37.945 ng  
RT: 9.05 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 154     | 100  |       |       |       |
| 153     | 42.0 | 20.9  | 60.9  |       |
| 76      | 14.1 | 0.0   | 34.1  |       |





#47

2-Chloronaphthalene

Concen: 37.084 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion: 162 Resp: 1104477

Ion Ratio Lower Upper

162 100

127 39.6 30.8 46.2

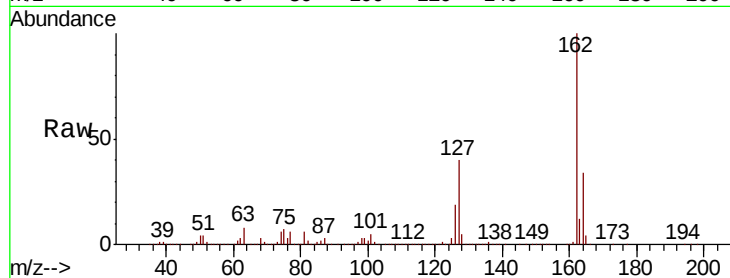
164 33.5 27.0 40.4

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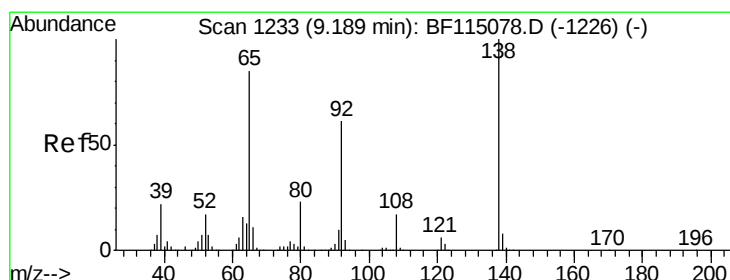
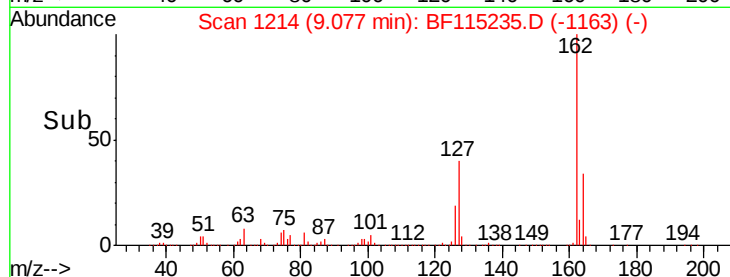
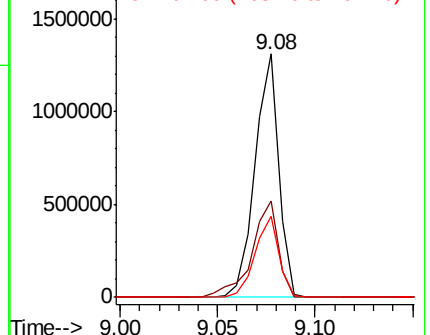


Abundance

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: 37.919 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

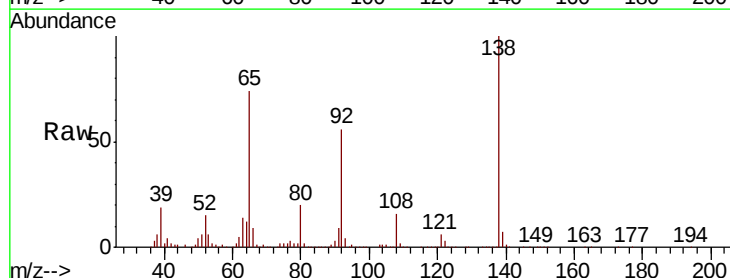
Tgt Ion: 65 Resp: 329257

Ion Ratio Lower Upper

65 100

92 75.9 57.4 86.2

138 134.6 94.1 141.1

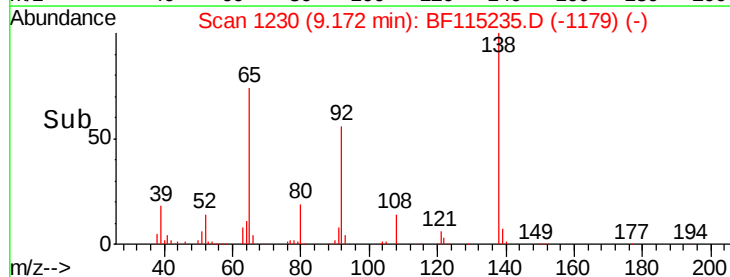
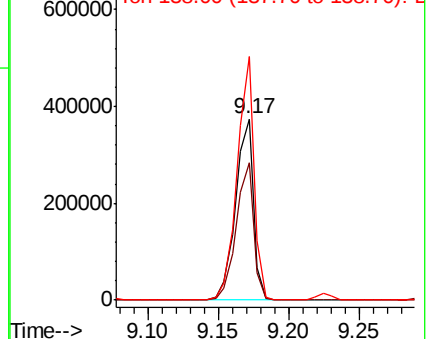


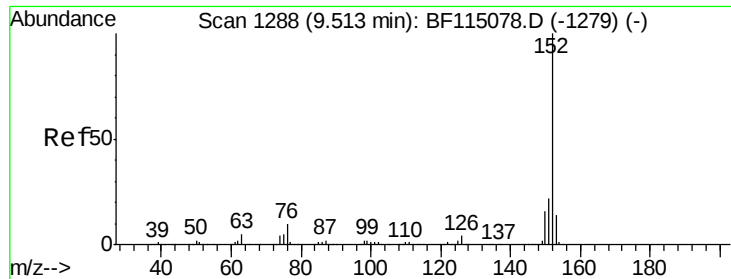
Abundance

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: 37.720 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:152 Resp: 1750347

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

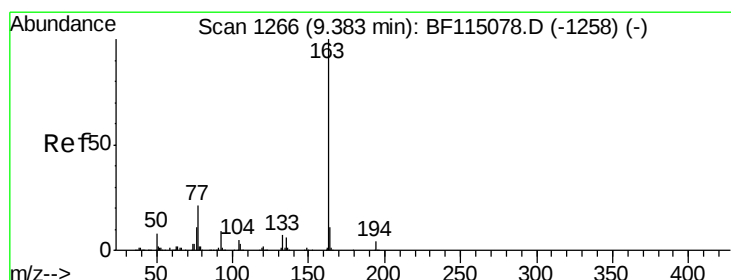
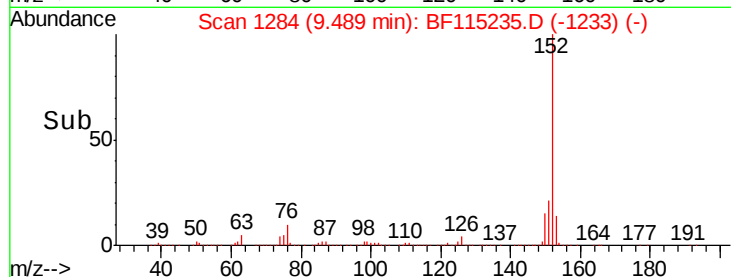
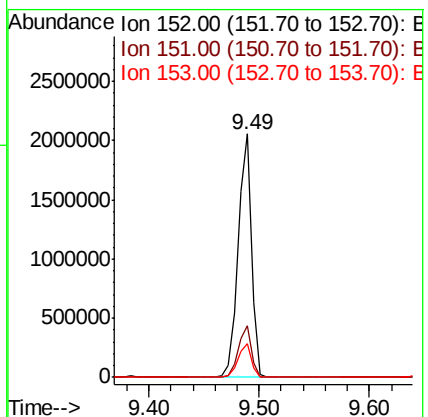
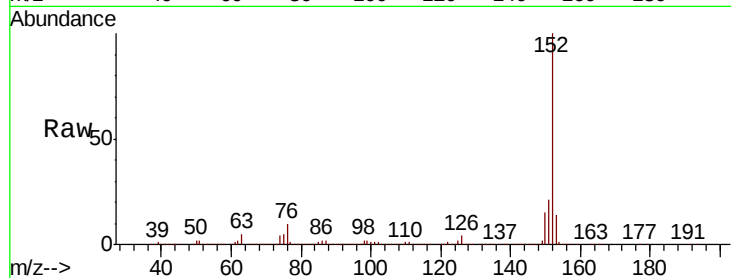
153 14.0 11.0 16.6

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#50

Dimethylphthalate

Concen: 45.592 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

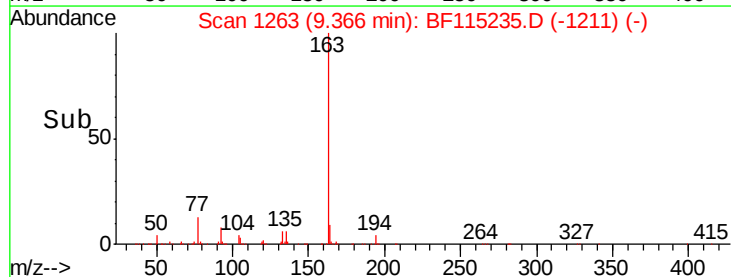
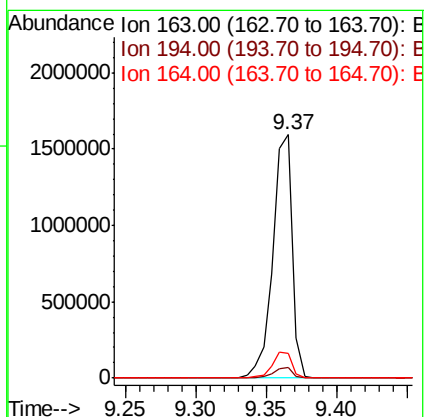
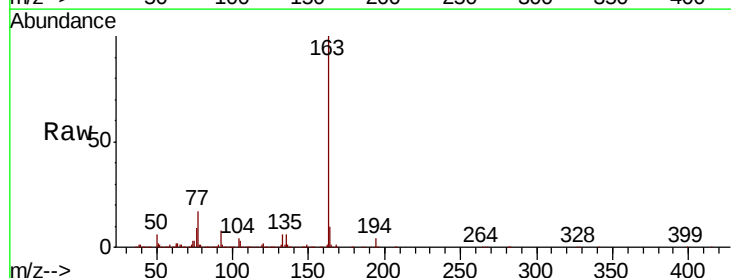
Tgt Ion:163 Resp: 1539236

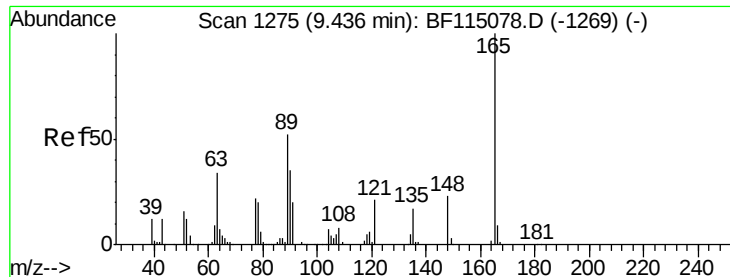
Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.3 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 38.554 ng

RT: 9.41 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:165 Resp: 300507  
Ion Ratio Lower Upper

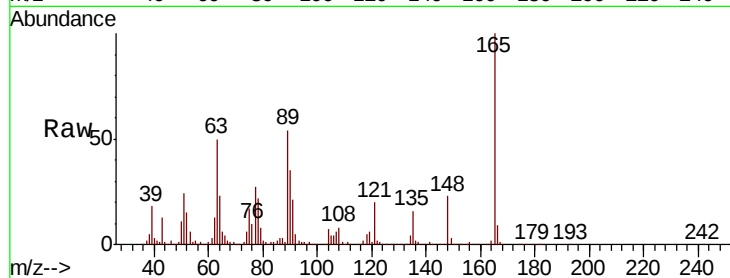
165 100

63 50.0 39.4 59.2

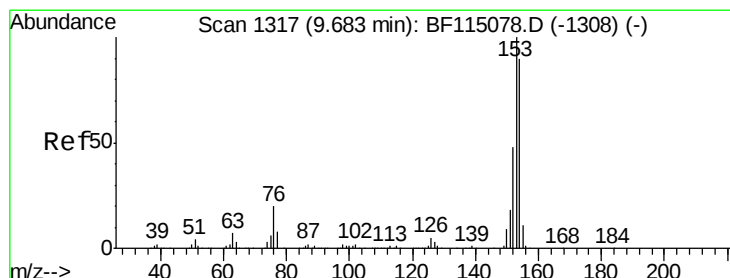
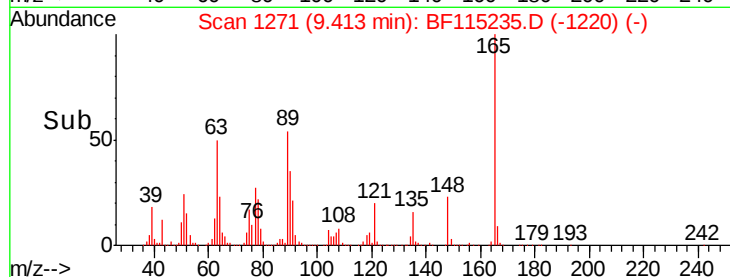
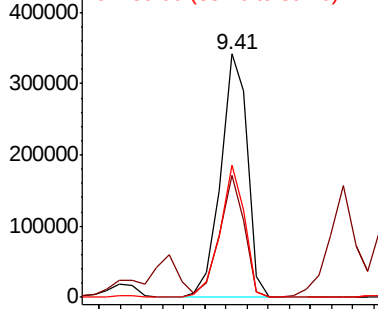
89 54.1 42.0 63.0

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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: 35.553 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF115235.D

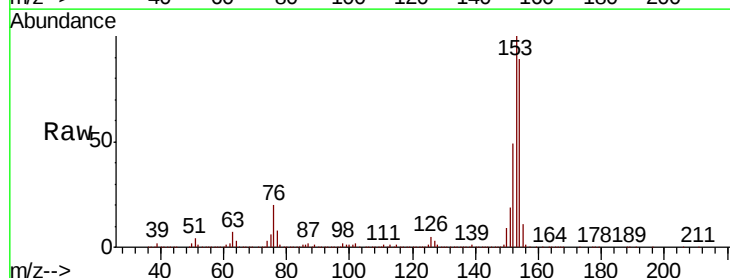
Acq: 27 Jun 2019 14:48

Tgt Ion:154 Resp: 1032344  
Ion Ratio Lower Upper

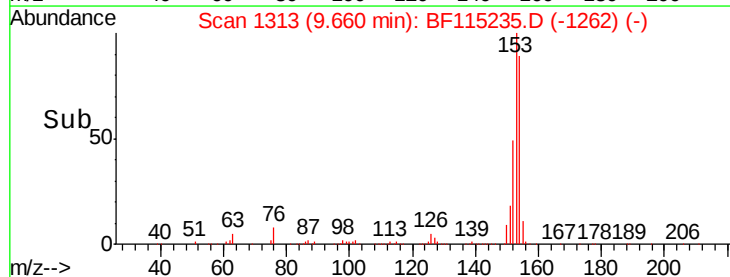
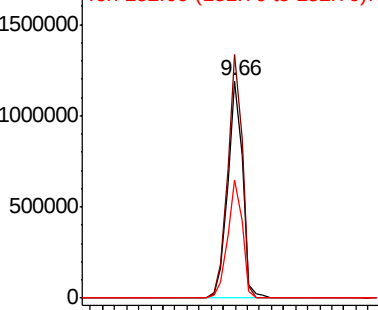
154 100

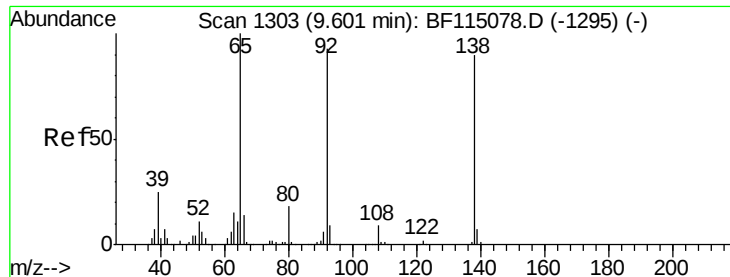
153 112.1 88.7 133.1

152 54.5 42.6 64.0



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





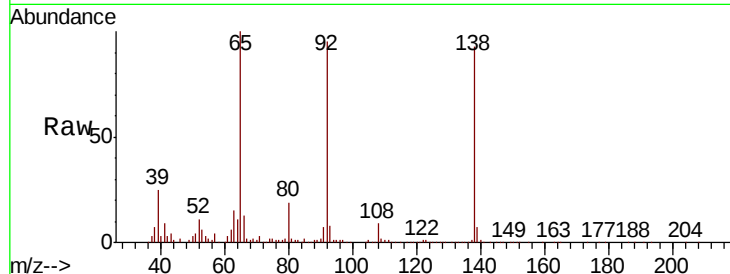
#53  
3-Nitroaniline  
Concen: 31.457 ng  
RT: 9.58 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

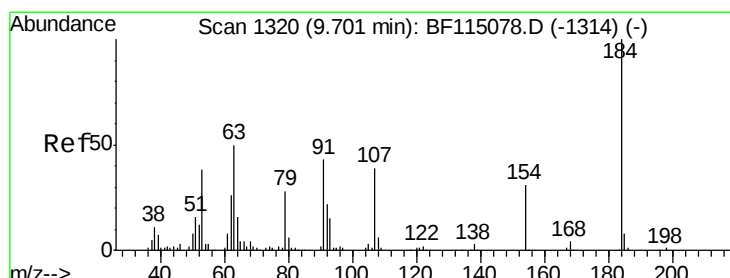
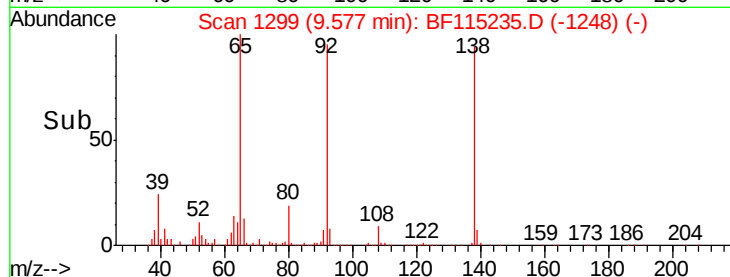
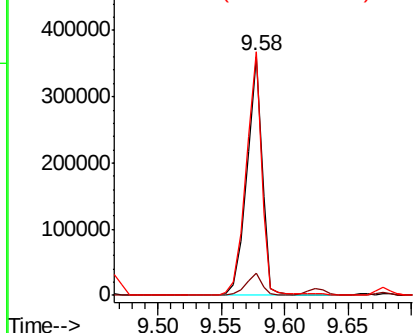
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 7.8   | 11.6  |
| 92      | 102.0 | 82.9  | 124.3 |

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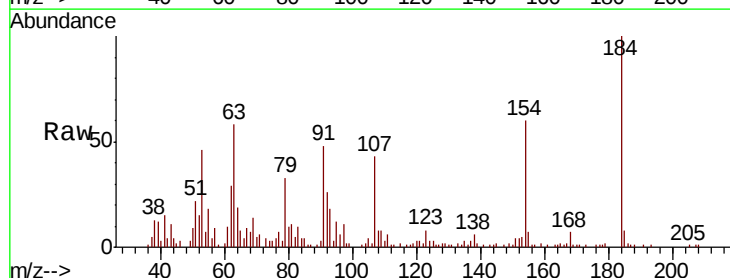


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

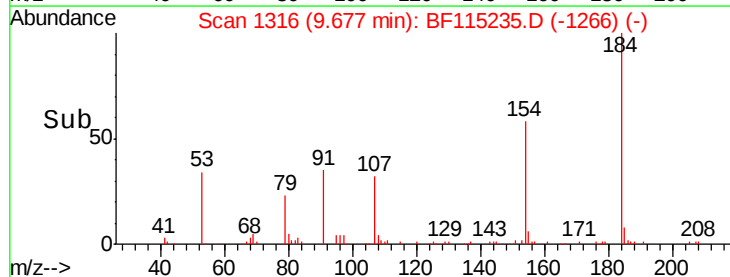
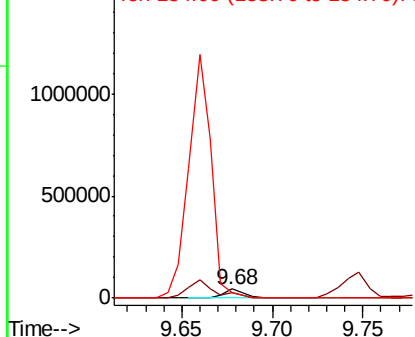


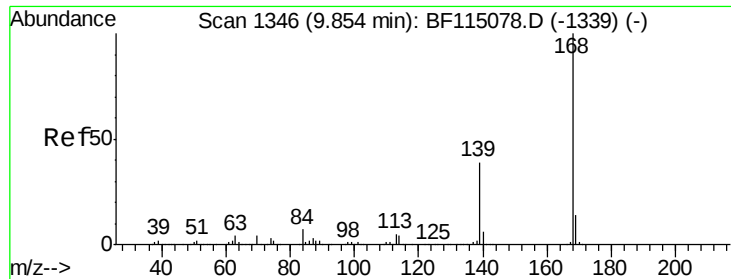
#54  
2,4-Dinitrophenol  
Concen: 15.357 ng  
RT: 9.68 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.2  | 41.9  | 62.9  |
| 154     | 60.0  | 44.7  | 67.1  |



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





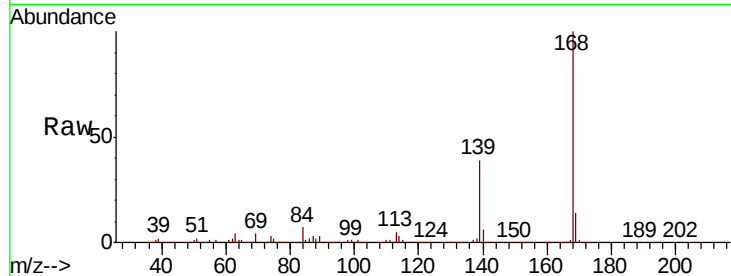
#55  
Dibenzenofuran  
Concen: 36.440 ng  
RT: 9.83 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 31.1  | 46.7  |
| 169     | 14.3  | 11.3  | 16.9  |

Manual Integrations  
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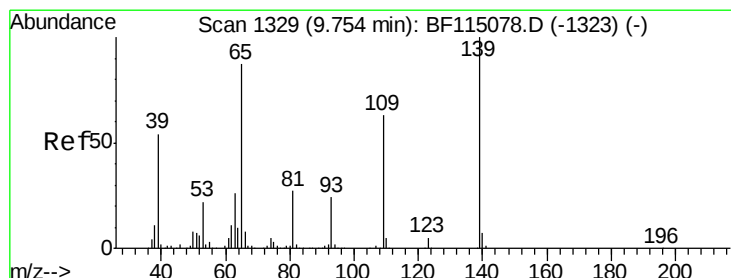
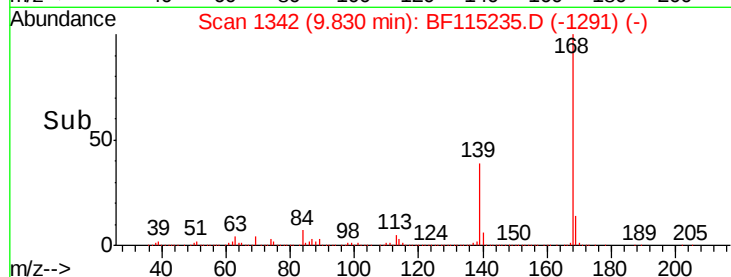
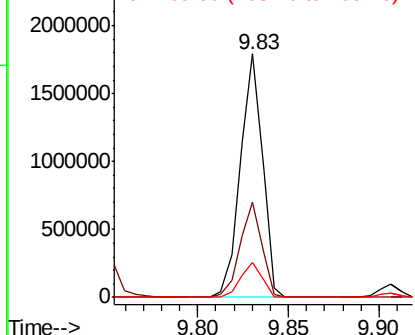


Abundance

Ion 168.00 (167.70 to 168.70): E

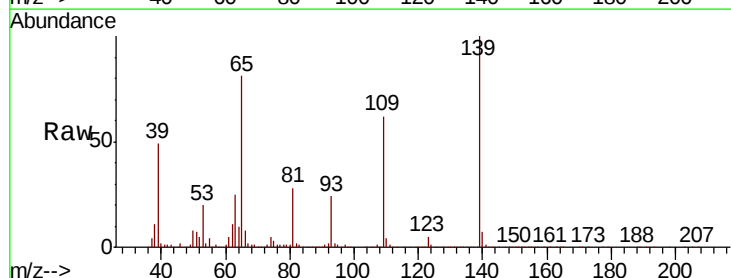
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 70.833 ng  
RT: 9.75 min Scan# 1328  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.4  | 43.0  | 83.0  |
| 65      | 81.4  | 67.0  | 107.0 |

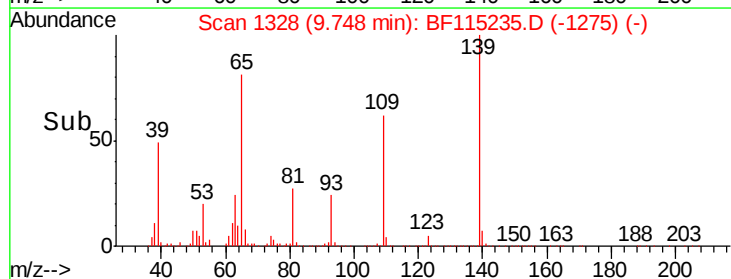
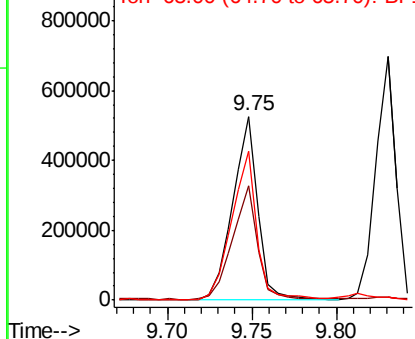


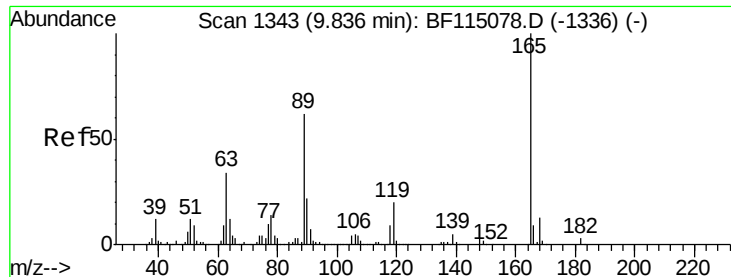
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





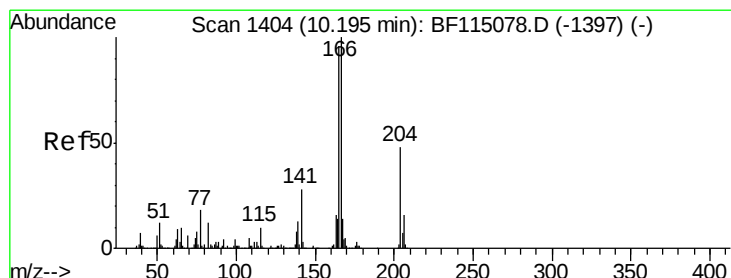
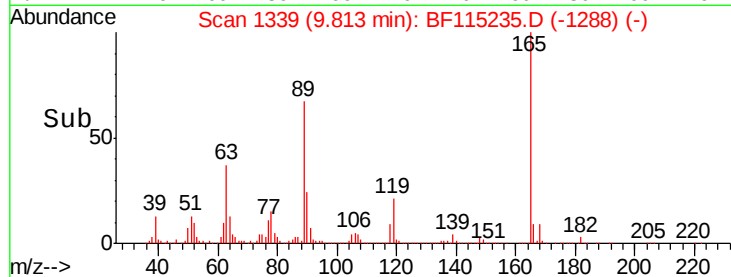
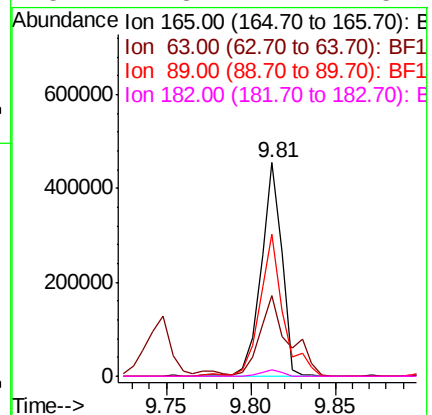
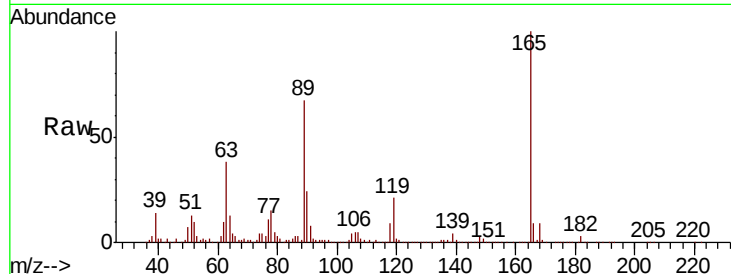
#57  
 2,4-Dinitrotoluene  
 Concen: 38.301 ng  
 RT: 9.81 min Scan# 1339  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 385469 |       |       |
| 63      | 37.6 | 27.5  | 41.3   |       |       |
| 89      | 66.6 | 49.9  | 74.9   |       |       |
| 182     | 2.8  | 2.1   | 3.1    |       |       |

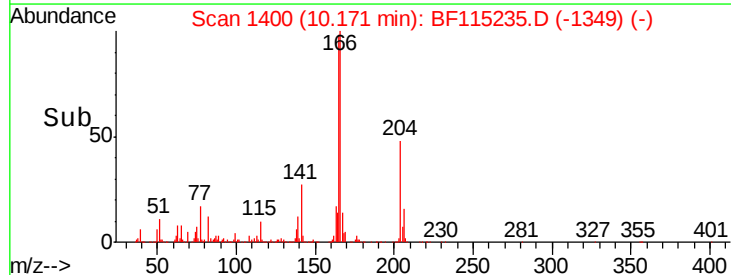
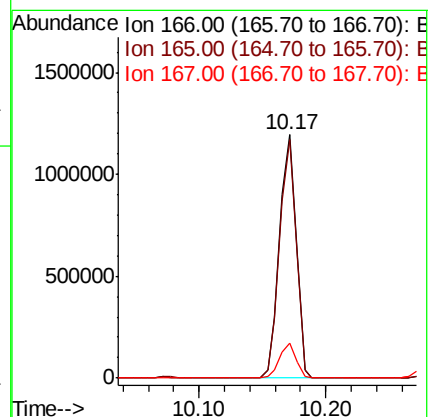
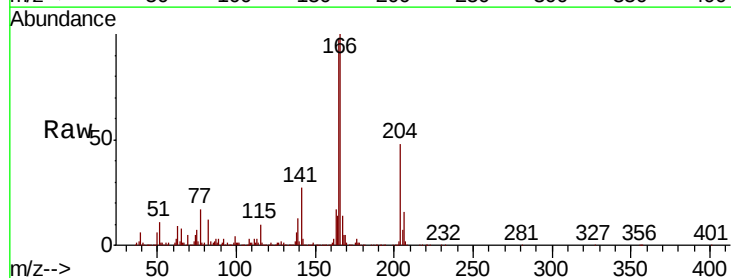
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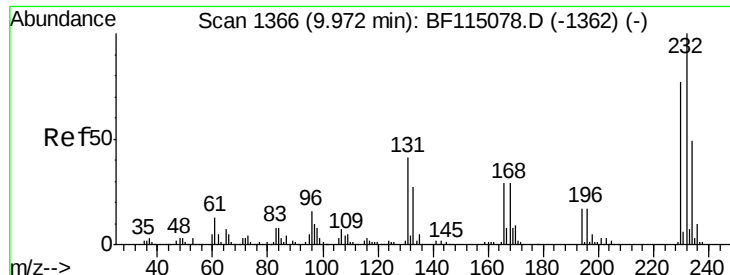
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#58  
 Fluorene  
 Concen: 38.206 ng  
 RT: 10.17 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1087732 |       |       |
| 165     | 97.8 | 76.5  | 114.7   |       |       |
| 167     | 14.1 | 11.0  | 16.4    |       |       |





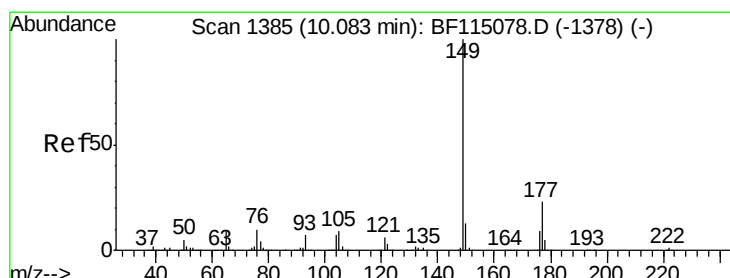
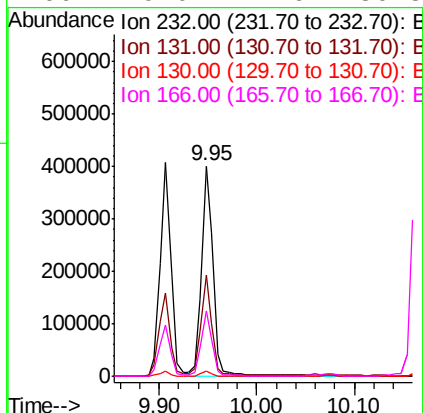
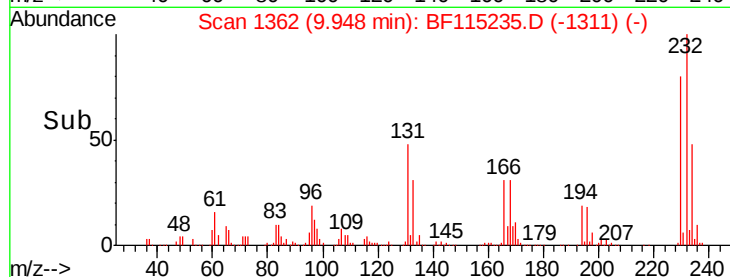
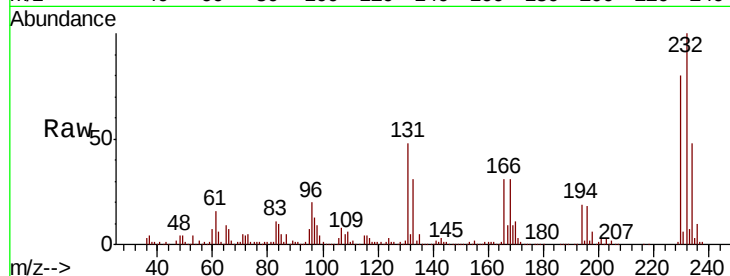
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.999 ng  
 RT: 9.95 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.0  | 37.4  | 56.0  |
| 130     | 2.5   | 1.8   | 2.6   |
| 166     | 29.0  | 24.6  | 36.8  |

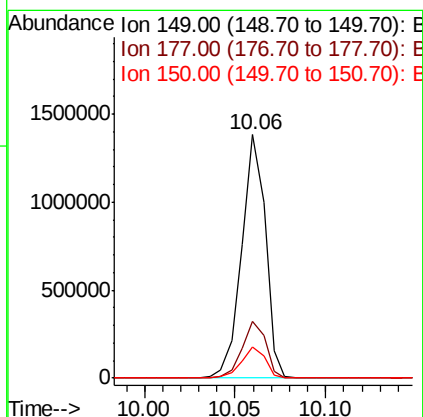
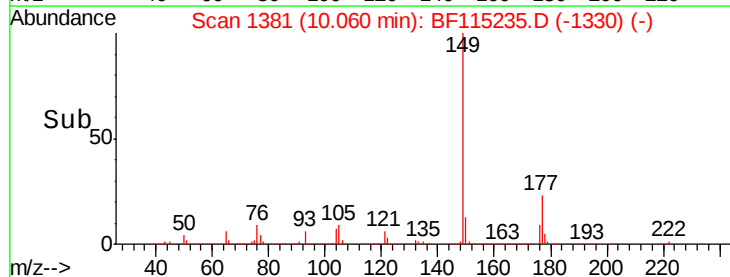
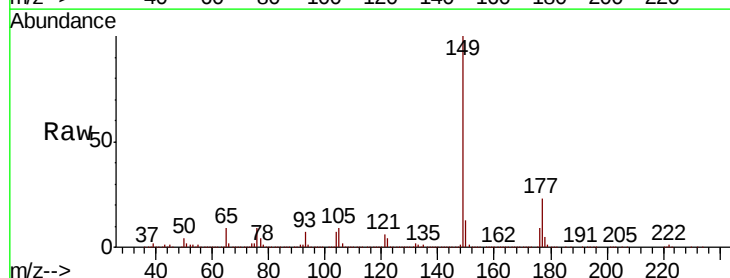
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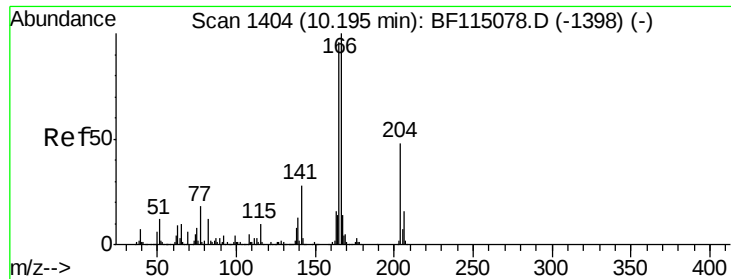
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#60  
 Diethylphthalate  
 Concen: 37.007 ng  
 RT: 10.06 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.3  | 18.7  | 28.1  |
| 150     | 13.0  | 10.4  | 15.6  |





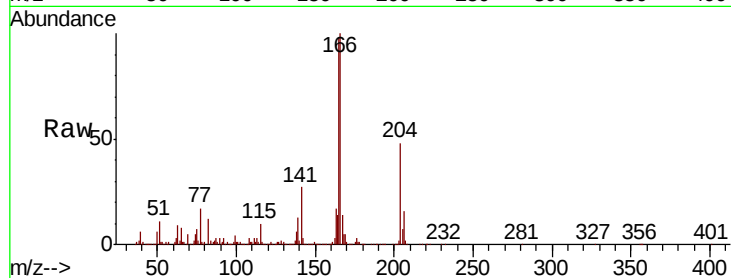
#61  
4-Chlorophenyl-phenylether  
Concen: 38.914 ng  
RT: 10.17 min Scan# 1400  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 33.5  | 26.6 | 40.0  |       |
| 141     | 57.1  | 46.7 | 70.1  |       |

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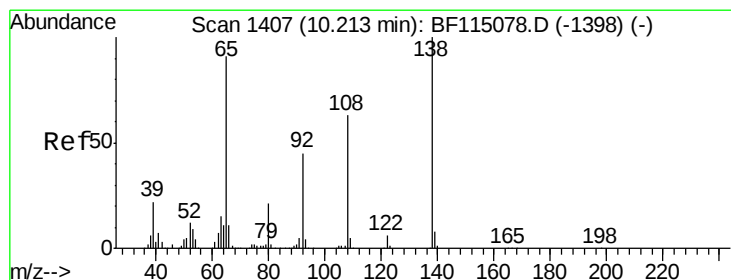
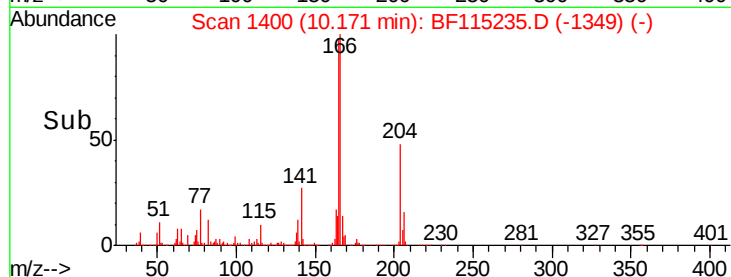
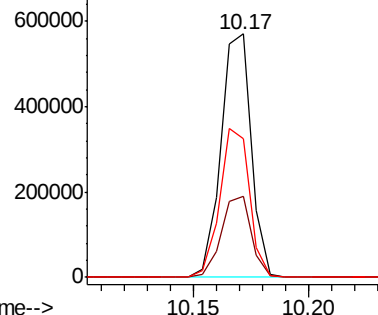


Abundance

Ion 204.00 (203.70 to 204.70): E

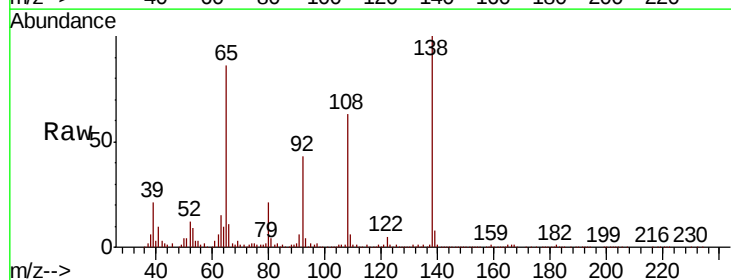
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 34.973 ng  
RT: 10.19 min Scan# 1403  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 43.0  | 24.8 | 64.8  |       |
| 108     | 63.1  | 43.3 | 83.3  |       |

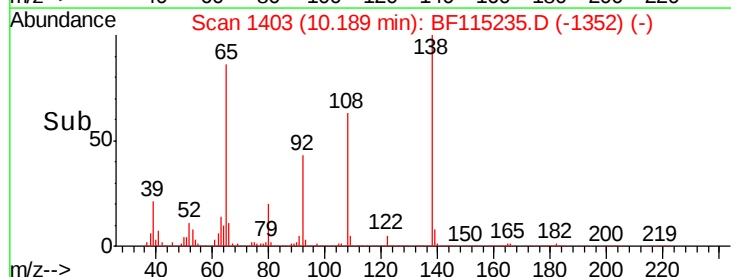
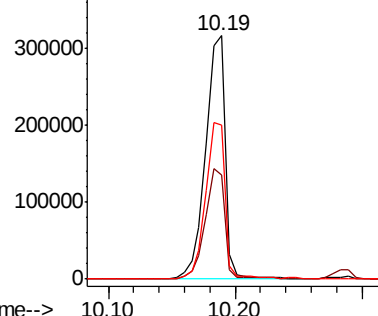


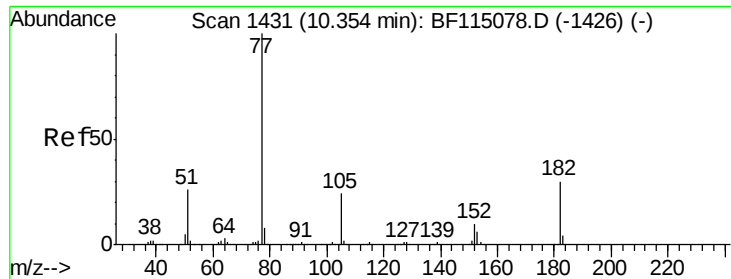
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.742 ng

RT: 10.32 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion: 77 Resp: 1132969

Ion Ratio Lower Upper

77 100

182 26.4 10.1 50.1

105 23.2 4.5 44.5

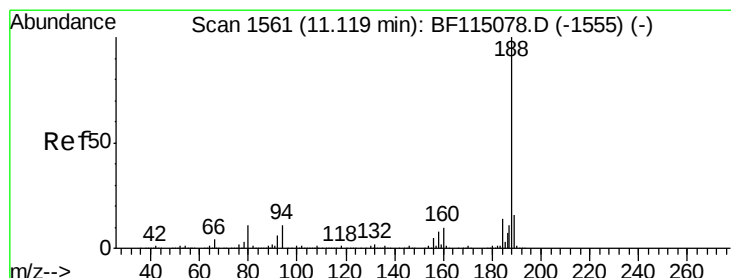
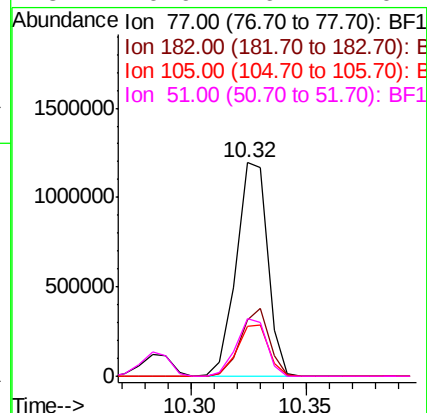
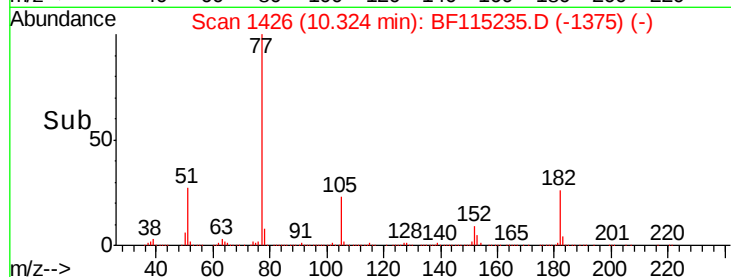
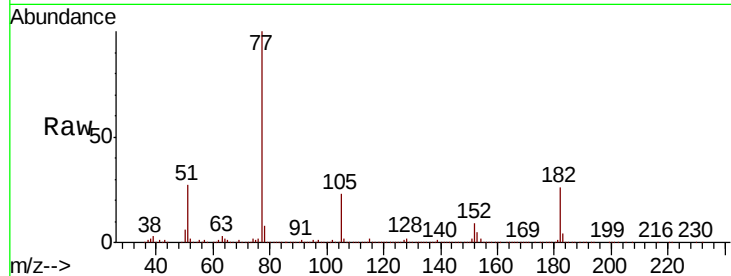
51 26.9 6.4 46.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

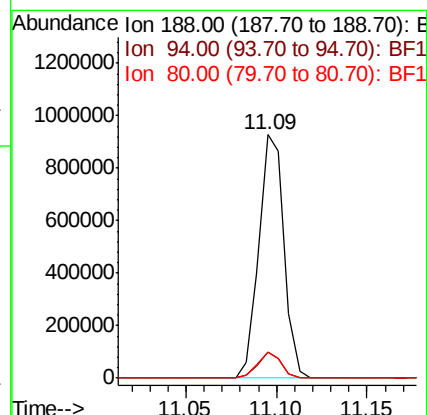
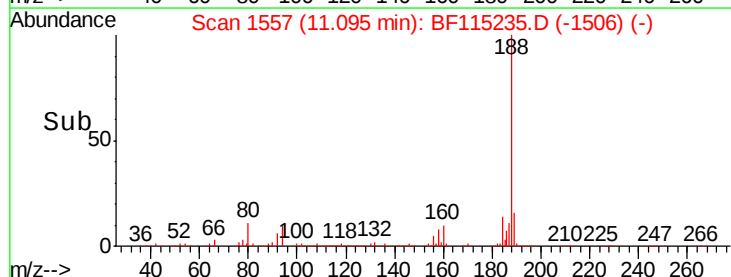
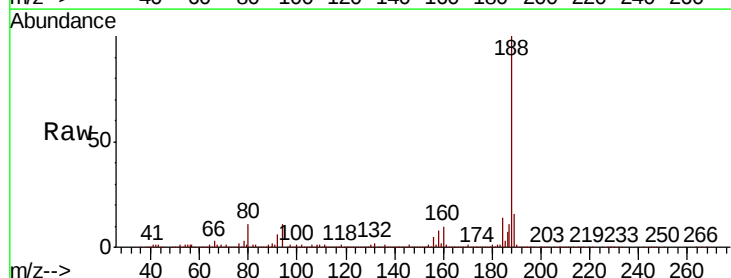
Tgt Ion: 188 Resp: 896149

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

80 10.8 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 16.210 ng

RT: 10.22 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:198 Resp: 59826

Ion Ratio Lower Upper

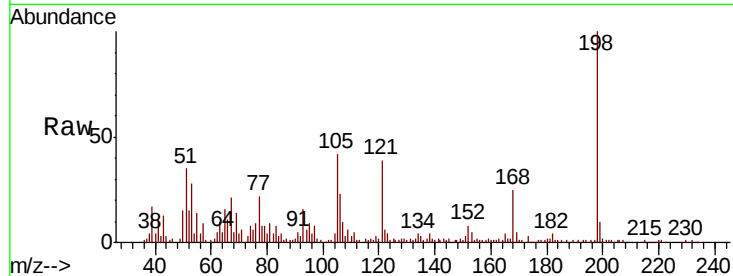
198 100

51 34.5 11.0 51.0

105 41.5 17.3 57.3

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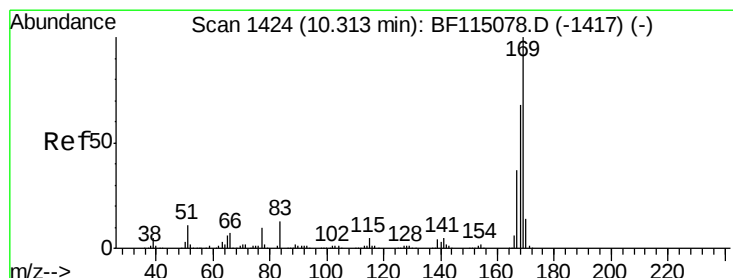
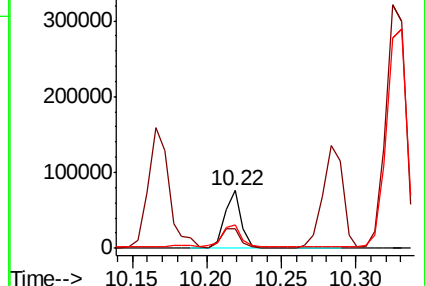
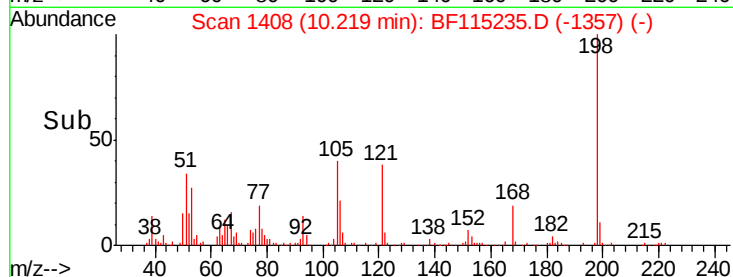
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.691 ng

RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

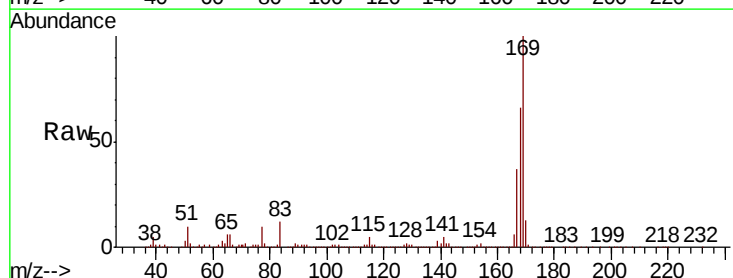
Tgt Ion:169 Resp: 1052316

Ion Ratio Lower Upper

169 100

168 66.2 54.2 81.4

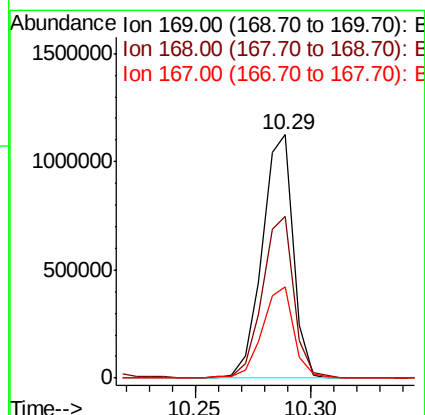
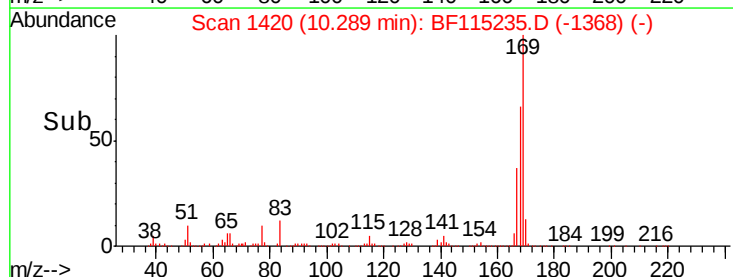
167 37.3 29.4 44.0

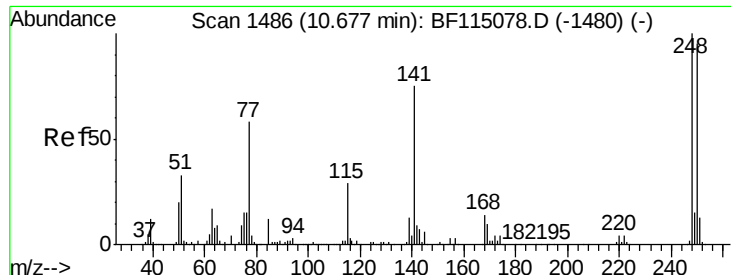


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





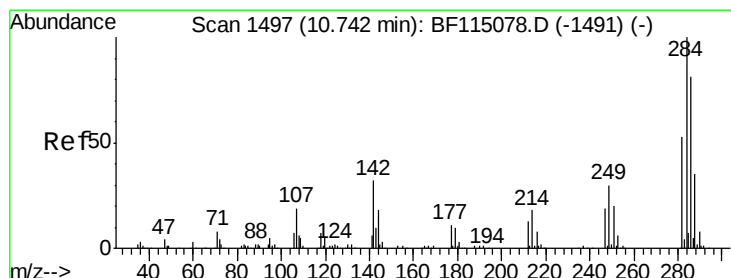
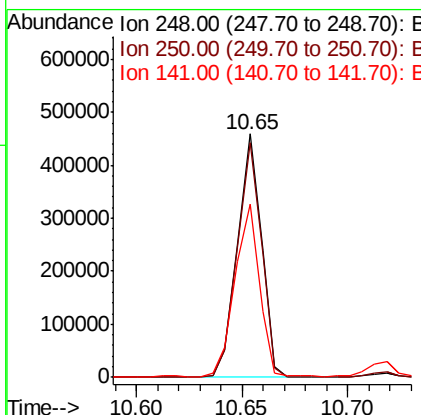
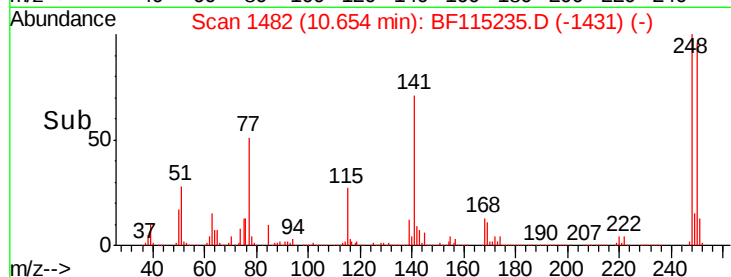
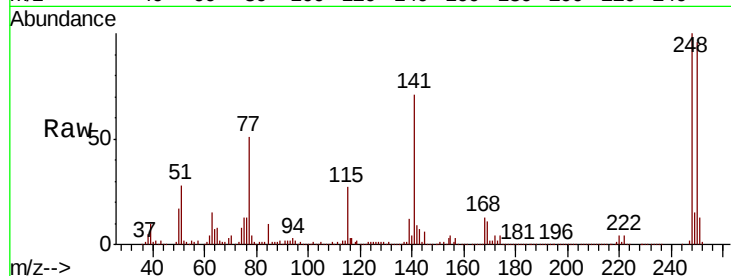
#67  
 4-Bromophenyl-phenylether  
 Concen: 37.190 ng  
 RT: 10.65 min Scan# 1482  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 361339 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.2  | 76.2  | 114.2  |
| 141       | 71.3  | 59.6  | 89.4   |

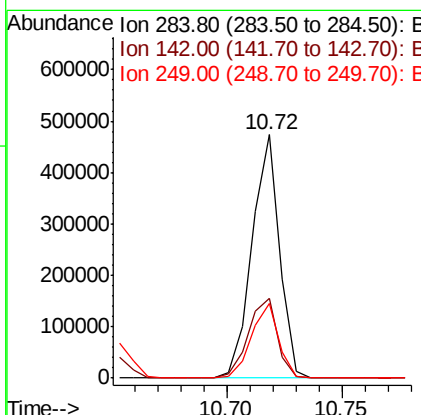
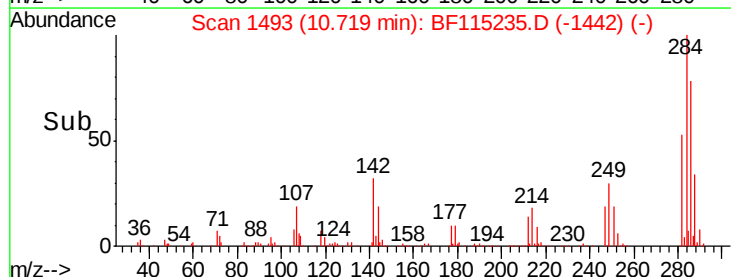
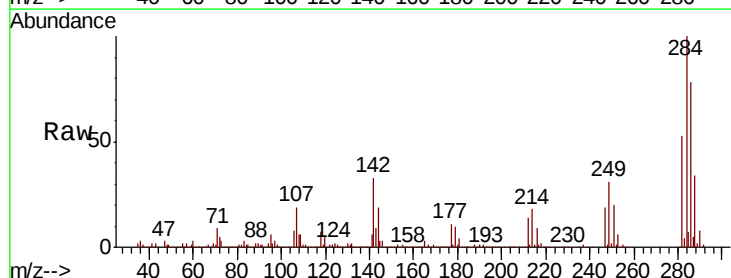
Manual Integrations  
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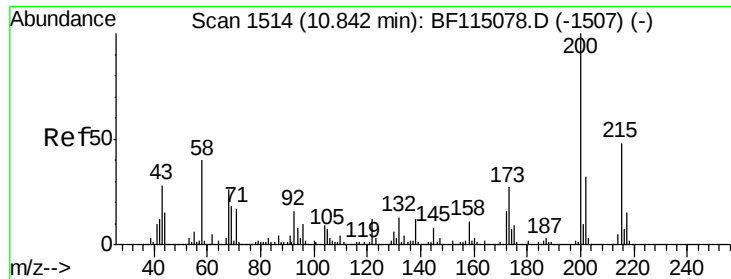
mohammad  
 6/28/2019 2:58:18 PM



#68  
 Hexachlorobenzene  
 Concen: 37.265 ng  
 RT: 10.72 min Scan# 1493  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 393008 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 32.9  | 25.8  | 38.8   |
| 249       | 30.6  | 24.2  | 36.4   |





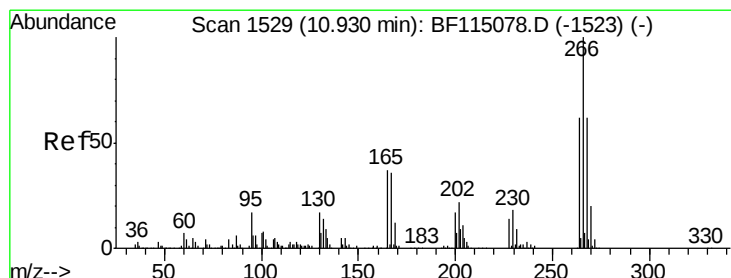
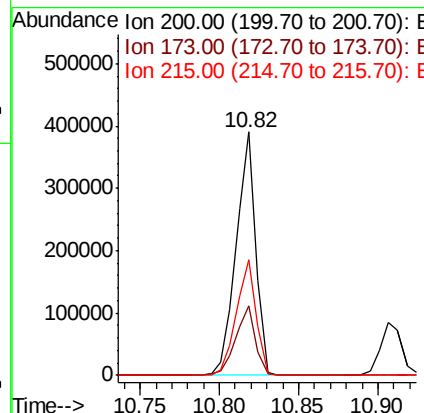
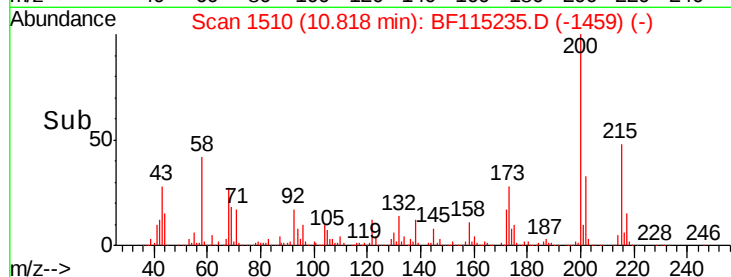
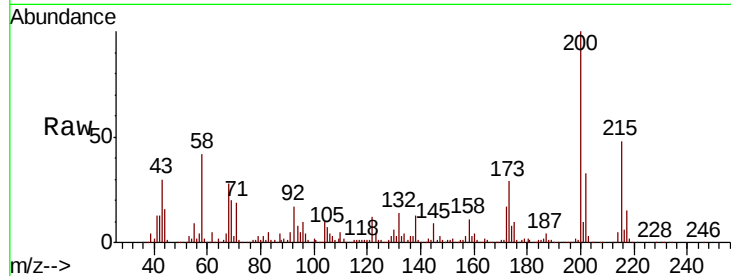
#69  
 Atrazine  
 Concen: 37.056 ng  
 RT: 10.82 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.6  | 7.4   | 47.4  |
| 215     | 47.6  | 27.8  | 67.8  |

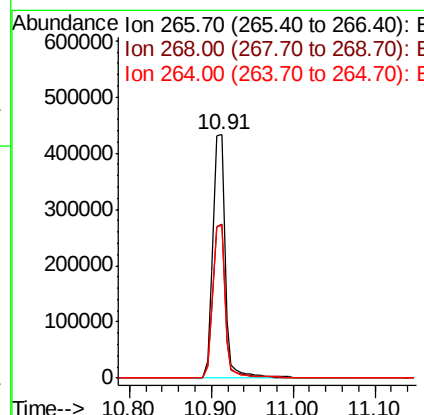
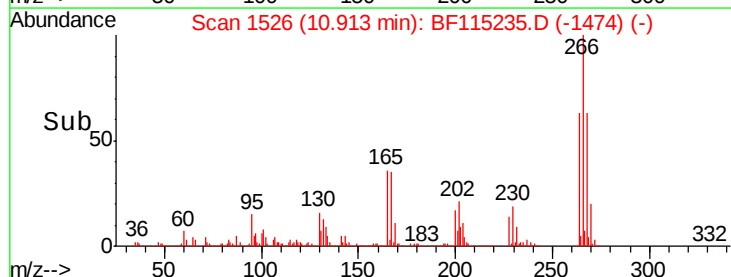
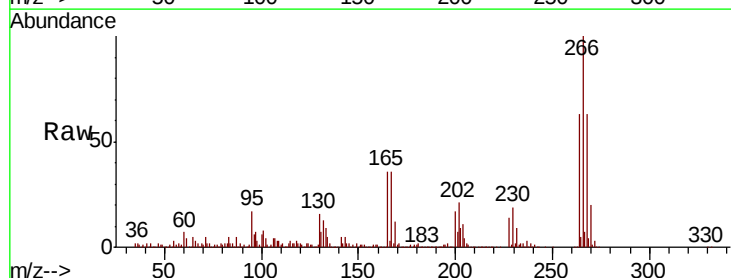
Manual Integrations  
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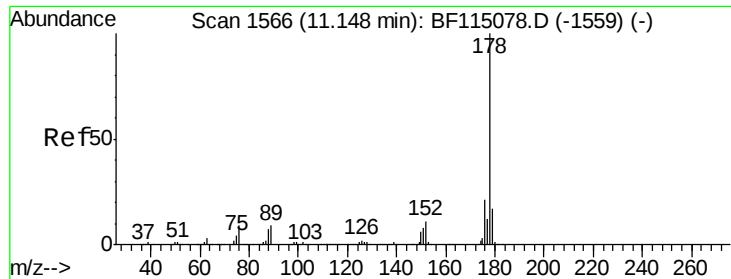
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 68.079 ng  
 RT: 10.91 min Scan# 1526  
 Delta R.T. 0.01 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 49.5  | 74.3  |
| 264     | 62.6  | 49.3  | 73.9  |





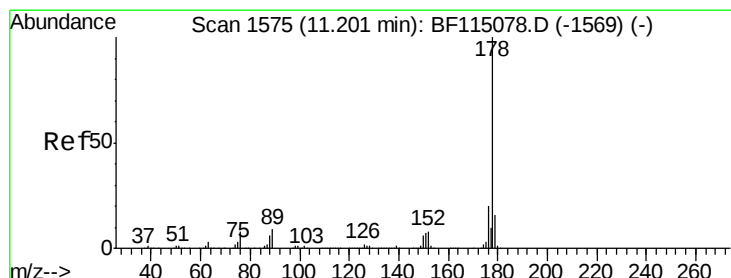
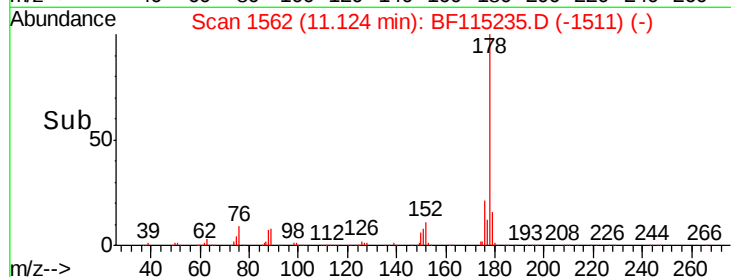
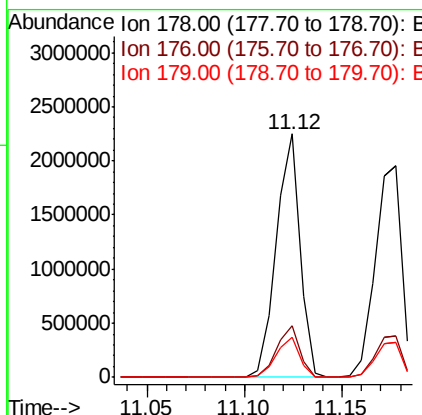
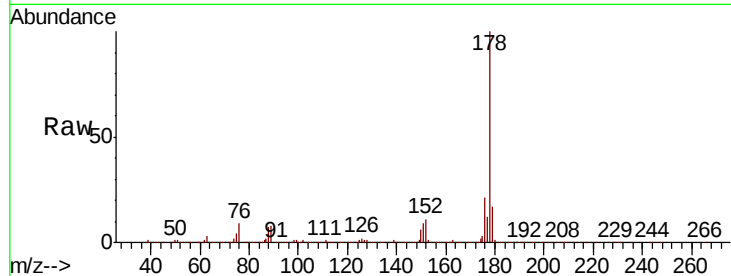
#71  
Phenanthrene  
Concen: 39.289 ng  
RT: 11.12 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

Tot Ion:178 Resp: 1895672  
Ion Ratio Lower Upper  
178 100  
176 21.4 16.9 25.3  
179 16.5 13.2 19.8

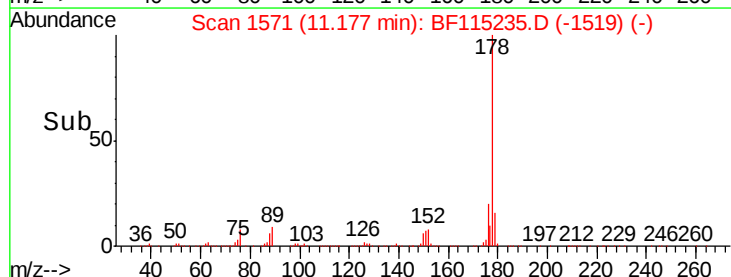
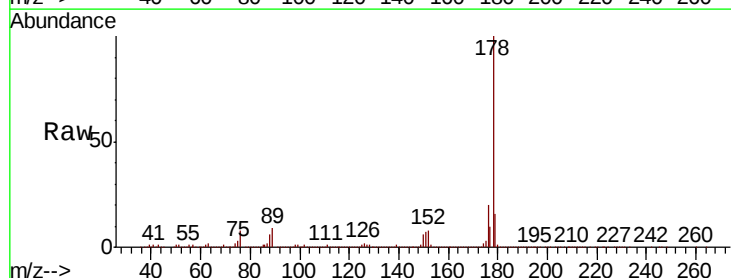
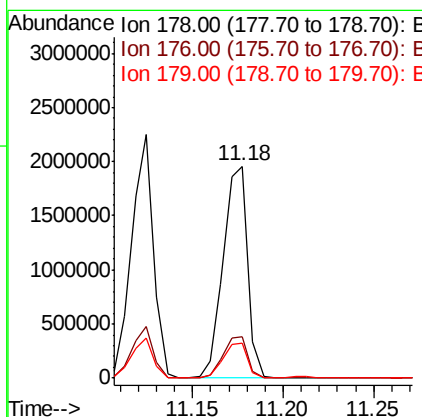
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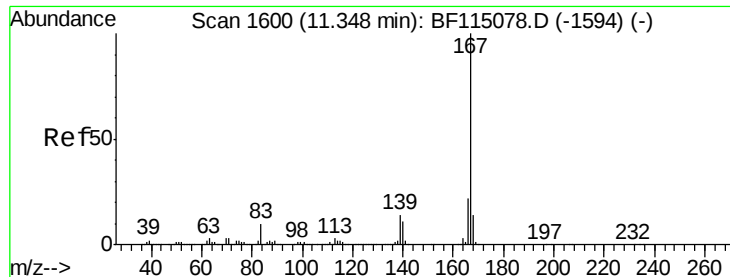
mohammad  
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#72  
Anthracene  
Concen: 37.779 ng  
RT: 11.18 min Scan# 1571  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Tgt Ion:178 Resp: 1840047  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.1 24.1  
179 16.4 12.9 19.3





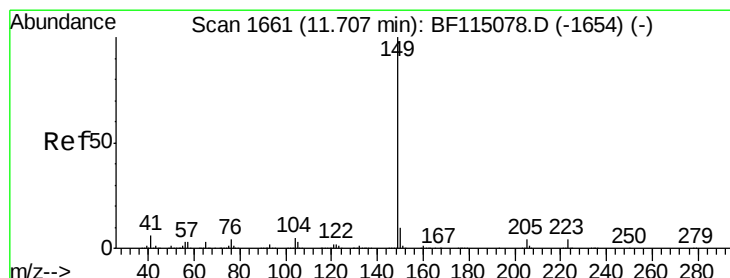
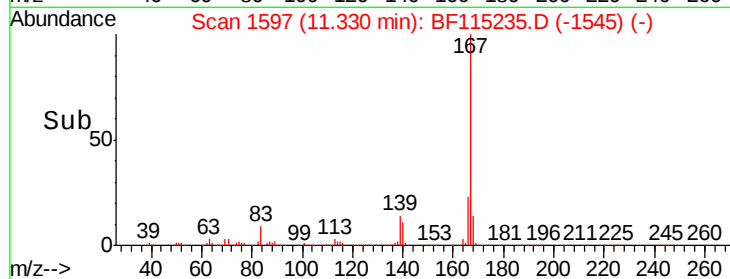
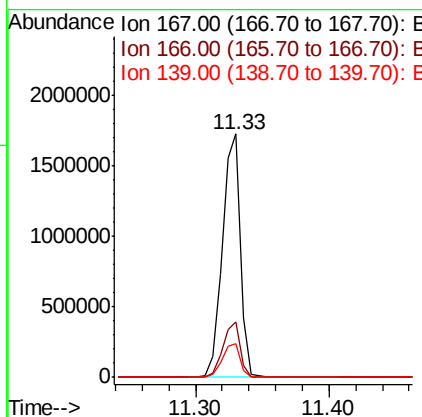
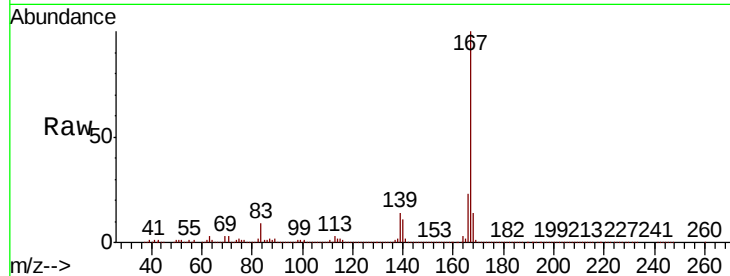
#73  
 Carbazole  
 Concen: 37.531 ng  
 RT: 11.33 min Scan# 1597  
 Delta R.T. 0.01 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 18.0  | 27.0  |
| 139     | 13.9  | 11.1  | 16.7  |

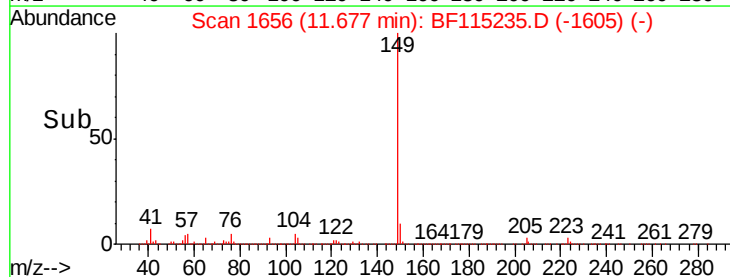
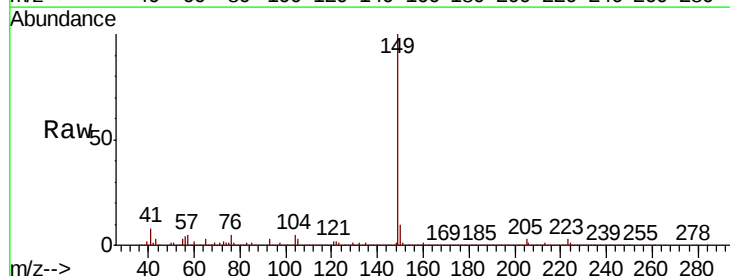
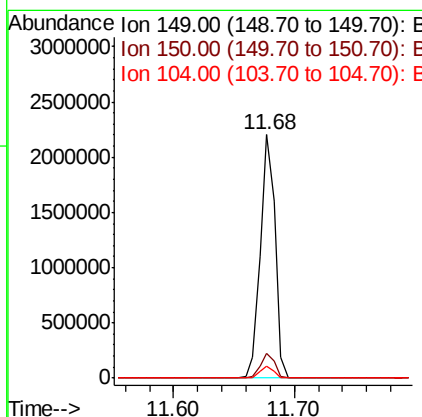
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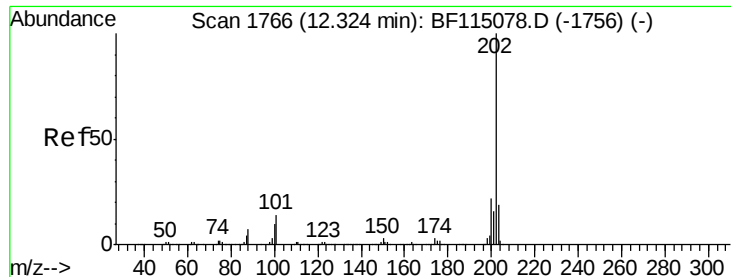
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#74  
 Di-n-butylphthalate  
 Concen: 37.325 ng  
 RT: 11.68 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 7.8   | 11.8  |
| 104     | 4.9   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 46.666 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:202 Resp: 2246570

Ion Ratio Lower Upper

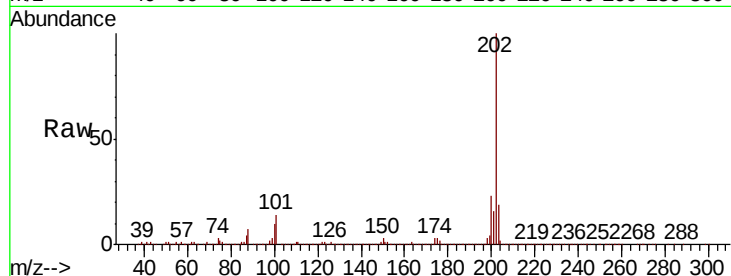
202 100

101 13.6 0.0 34.0

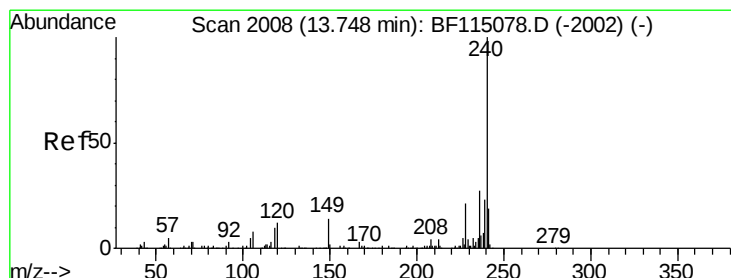
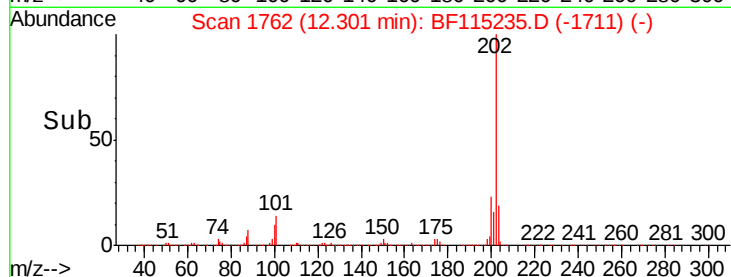
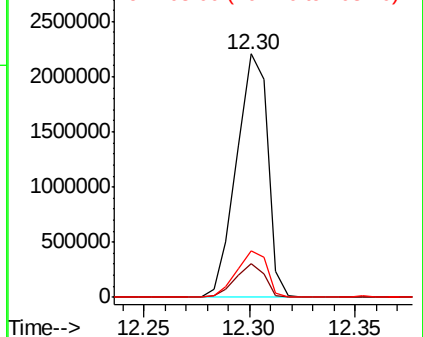
203 19.1 0.0 38.8

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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: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

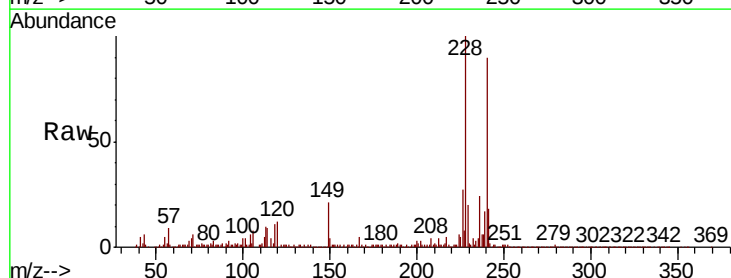
Tgt Ion:240 Resp: 653549

Ion Ratio Lower Upper

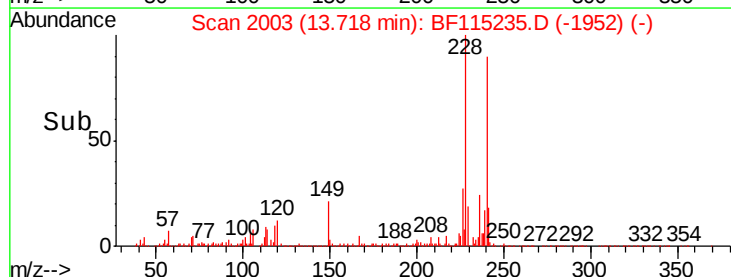
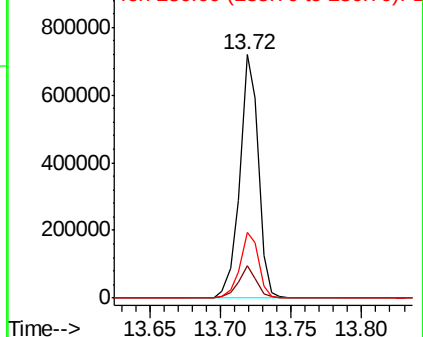
240 100

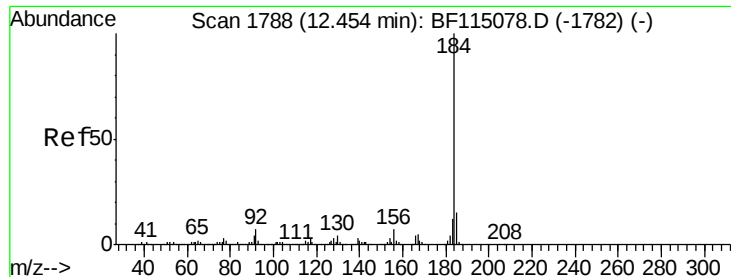
120 13.2 9.4 14.2

236 27.1 21.7 32.5



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: 15.224 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:184 Resp: 441798

Ion Ratio Lower Upper

184 100

185 21.7 12.2 18.2#

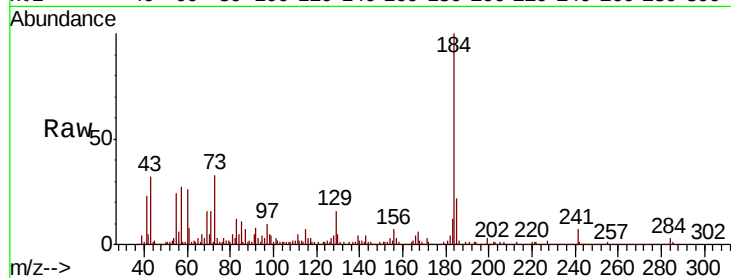
183 11.9 9.6 14.4

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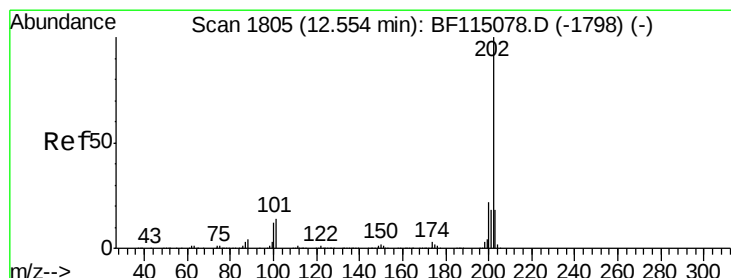
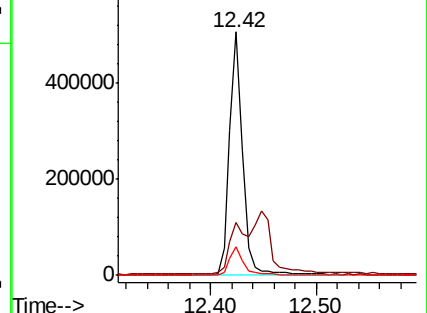
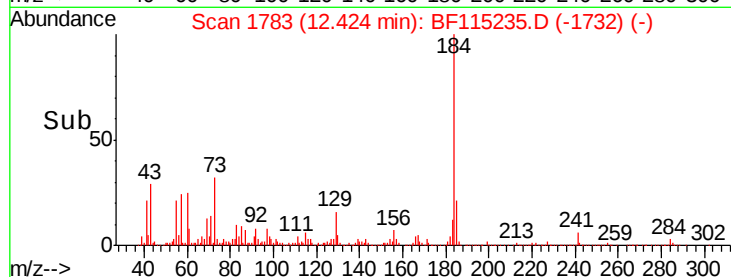
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.566 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

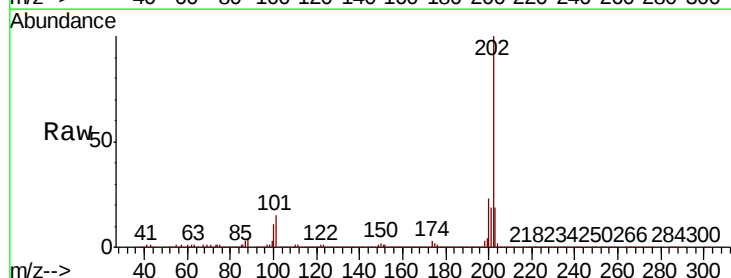
Tgt Ion:202 Resp: 2288568

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

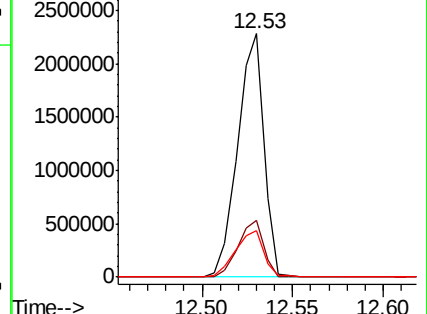
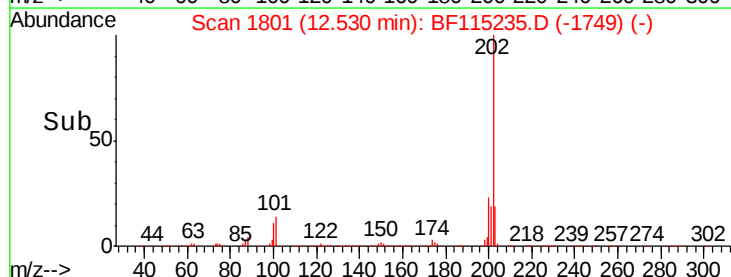
203 19.0 14.6 21.8



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





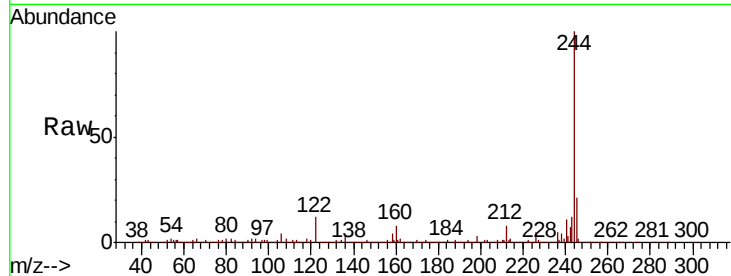
#79  
 Terphenyl-d14  
 Concen: 82.304 ng  
 RT: 12.68 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SA-06-062619-BMS

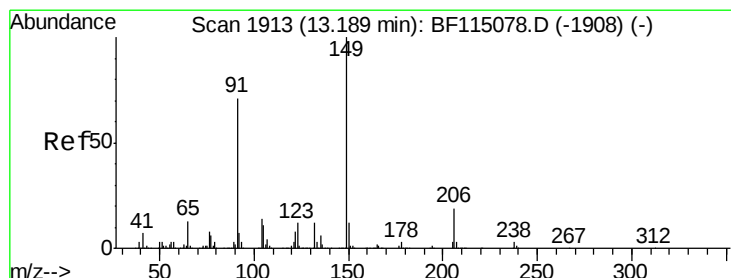
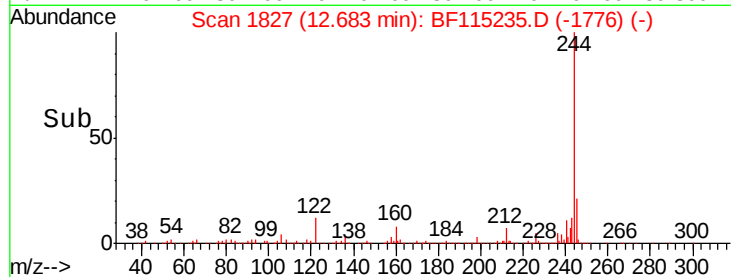
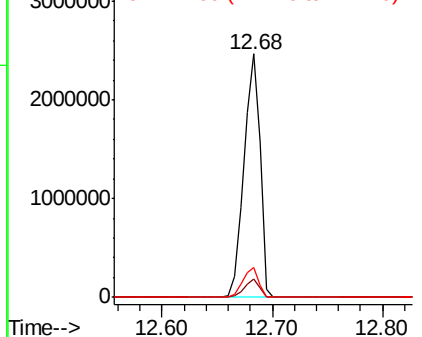
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 5.8   | 8.6   |
| 122     | 12.3  | 10.4  | 15.6  |

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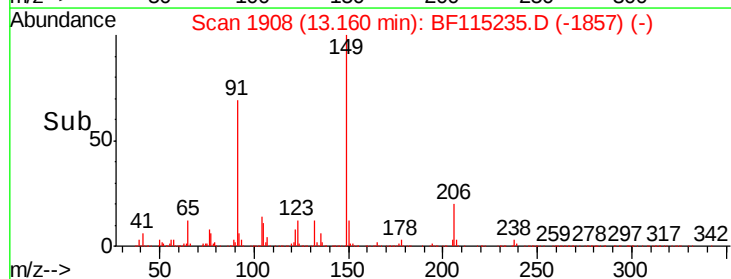
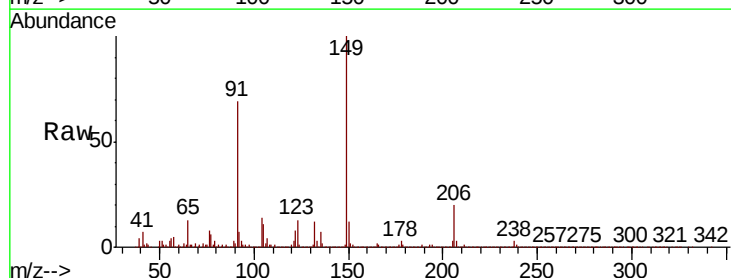
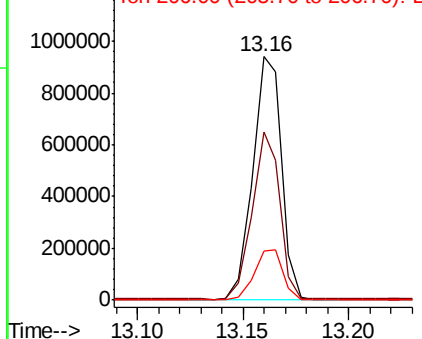
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

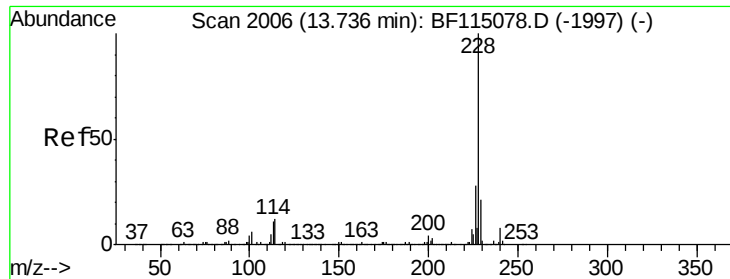


#80  
 Butylbenzylphthalate  
 Concen: 39.912 ng  
 RT: 13.16 min Scan# 1908  
 Delta R.T. 0.00 min  
 Lab File: BF115235.D  
 Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.3  | 56.5  | 84.7  |
| 206     | 20.0  | 15.3  | 22.9  |

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





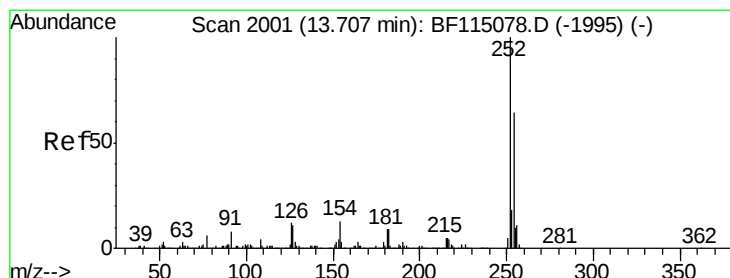
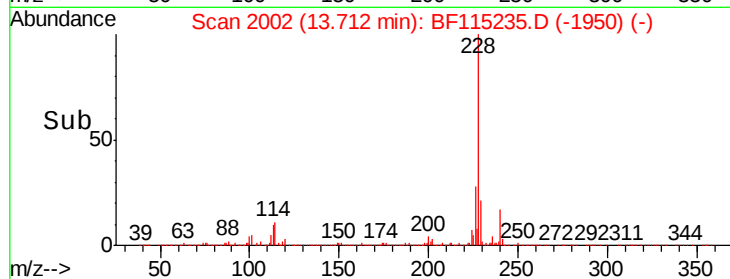
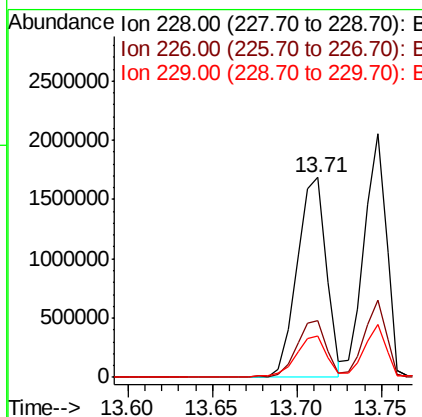
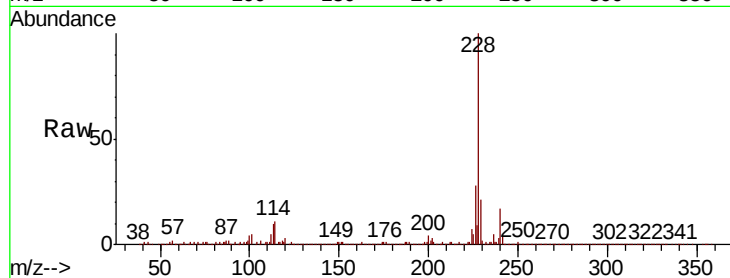
#81  
Benzo(a)anthracene  
Concen: 43.061 ng  
RT: 13.71 min Scan# 2002  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

Tot Ion:228 Resp: 2019295  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.5 33.7  
229 20.8 16.6 24.8

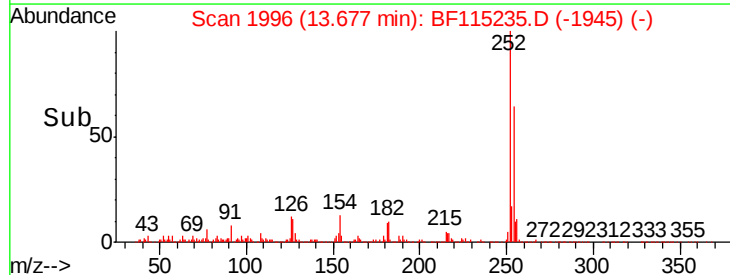
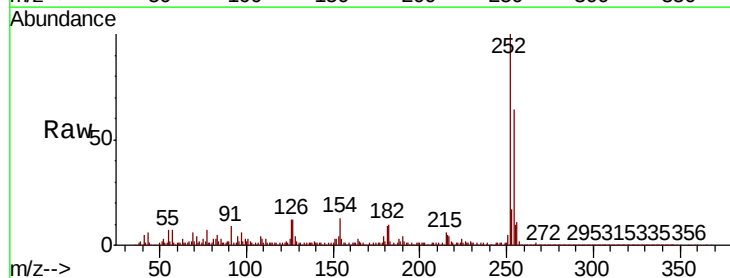
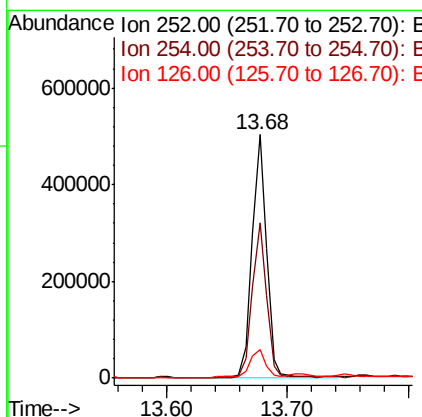
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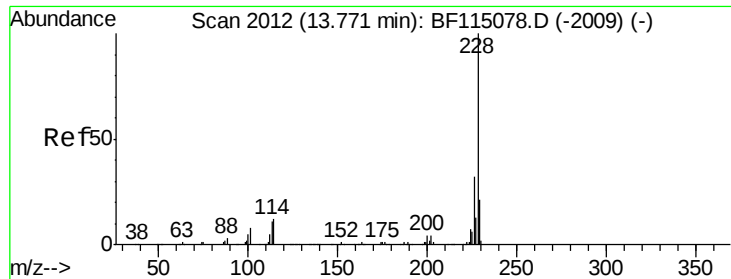
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 25.149 ng  
RT: 13.68 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Tgt Ion:252 Resp: 425874  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.1 76.7  
126 11.9 9.4 14.0





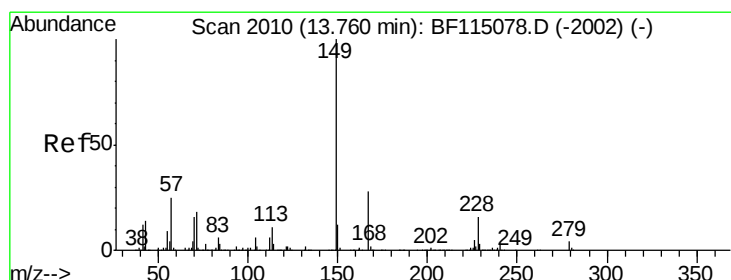
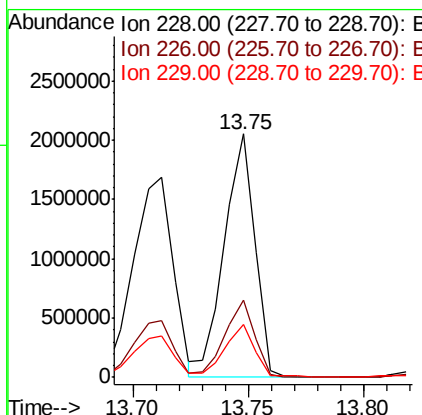
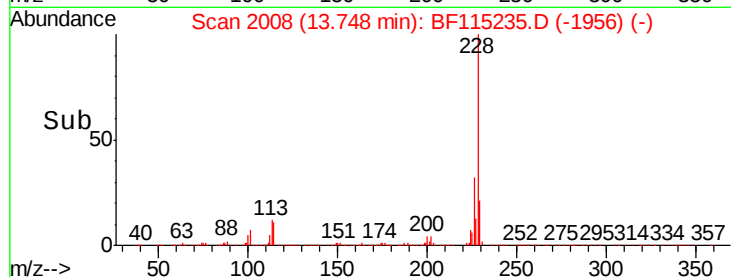
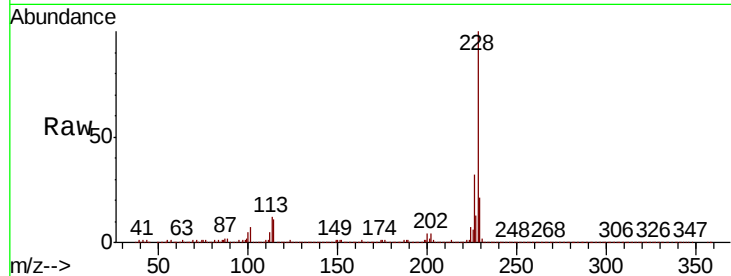
#83  
Chrysene  
Concen: 43.831 ng  
RT: 13.75 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

Tot Ion:228 Resp: 1882829  
Ion Ratio Lower Upper  
228 100  
226 31.8 25.4 38.0  
229 21.5 16.5 24.7

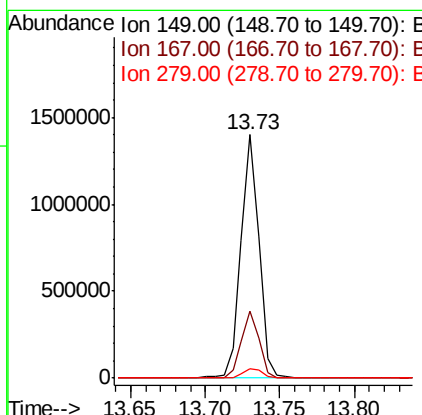
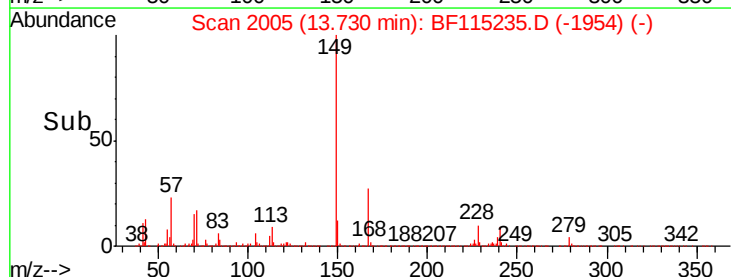
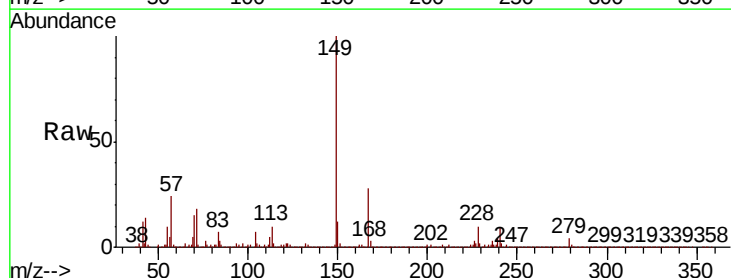
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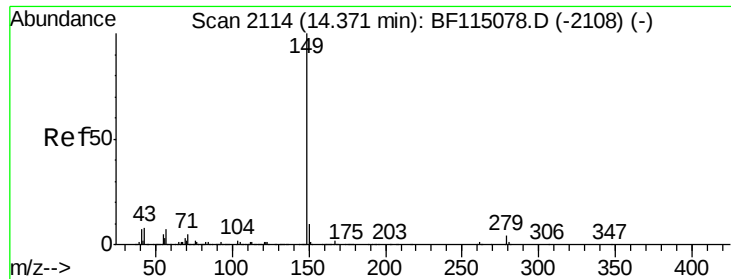
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.244 ng  
RT: 13.73 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Tgt Ion:149 Resp: 1168819  
Ion Ratio Lower Upper  
149 100  
167 27.6 22.2 33.4  
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.301 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

ClientSampleId :

SA-06-062619-BMS

Tot Ion:149 Resp: 2015378

Ion Ratio Lower Upper

149 100

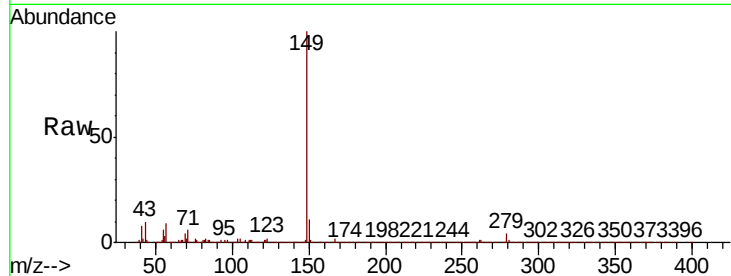
167 1.6 1.2 1.8

43 8.9 7.0 10.6

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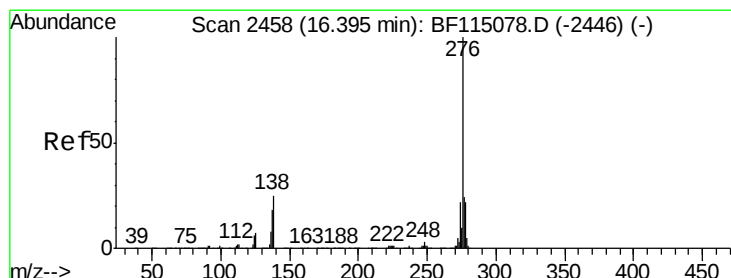
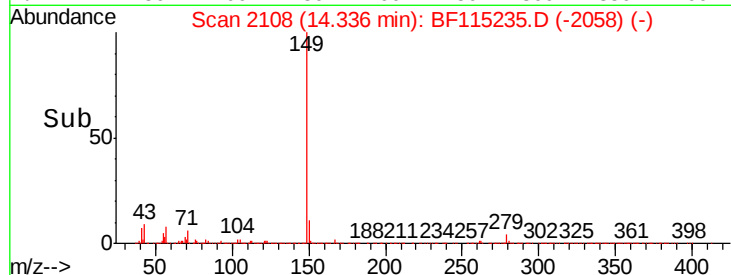
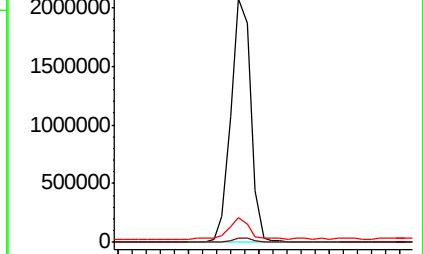
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 28.005 ng

RT: 16.35 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

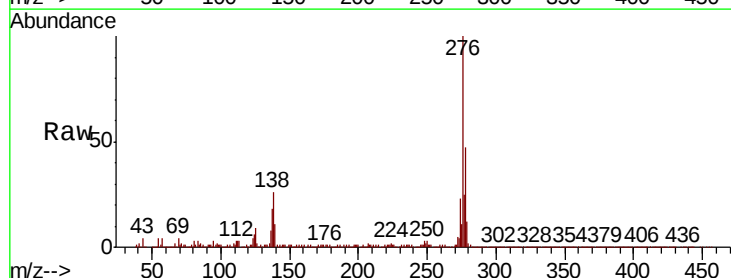
Tgt Ion:276 Resp: 1423503

Ion Ratio Lower Upper

276 100

138 27.8 23.2 34.8

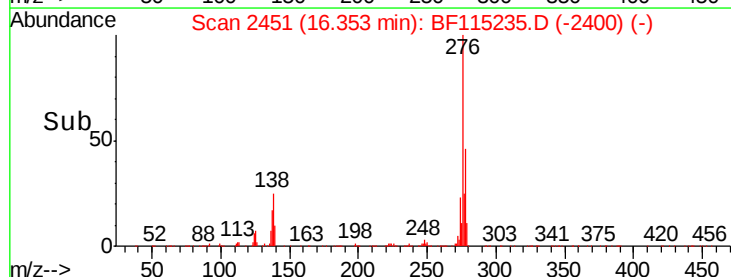
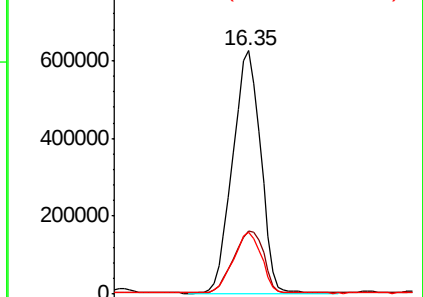
277 25.2 20.1 30.1

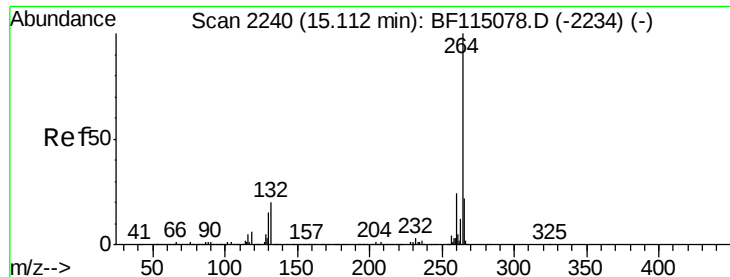


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

Instrument :

BNA\_F

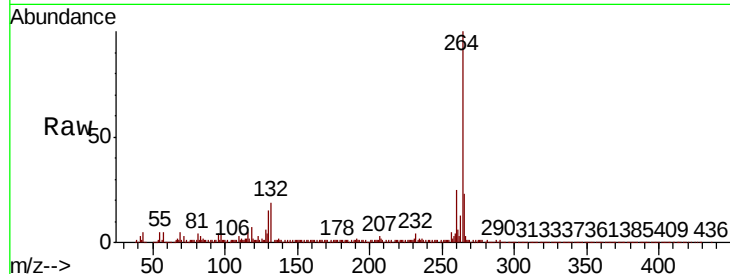
ClientSampleId :

SA-06-062619-BMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 653856 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.6  | 19.6  | 29.4   |
| 265       | 22.9  | 17.3  | 25.9   |

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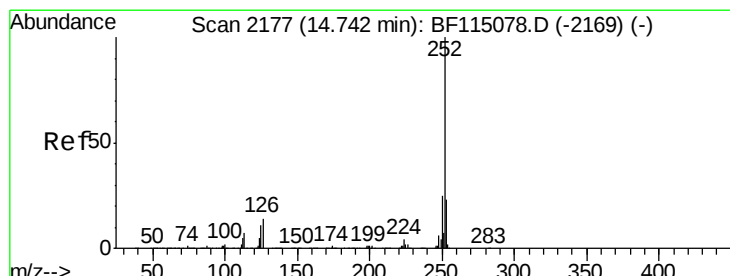
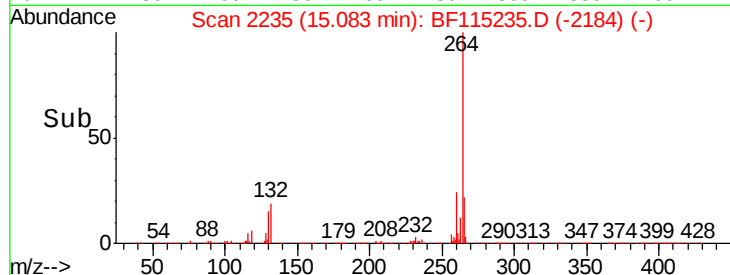
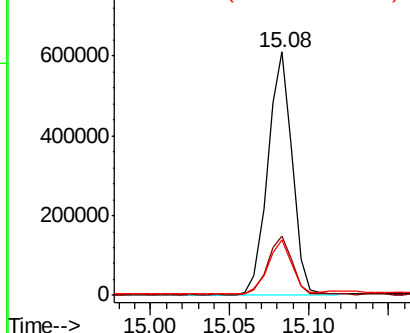


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.413 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF115235.D

Acq: 27 Jun 2019 14:48

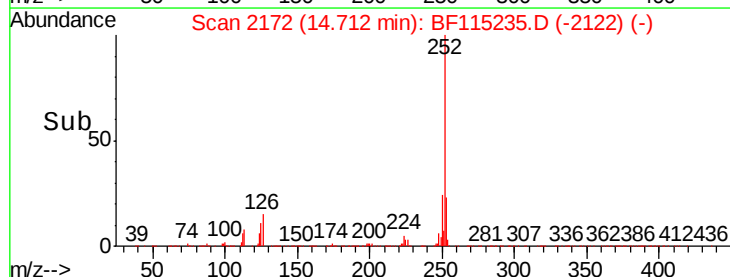
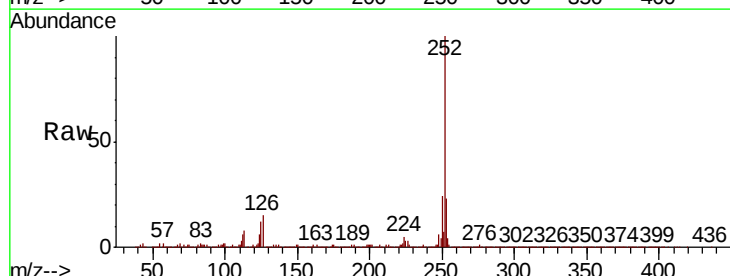
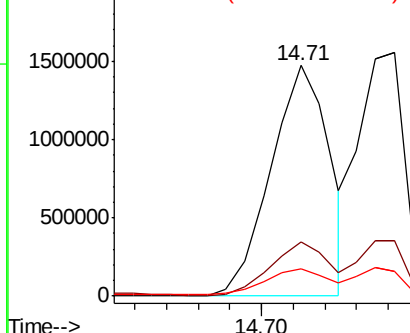
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1893580 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.5  | 18.1  | 27.1    |
| 125       | 11.9  | 8.7   | 13.1    |

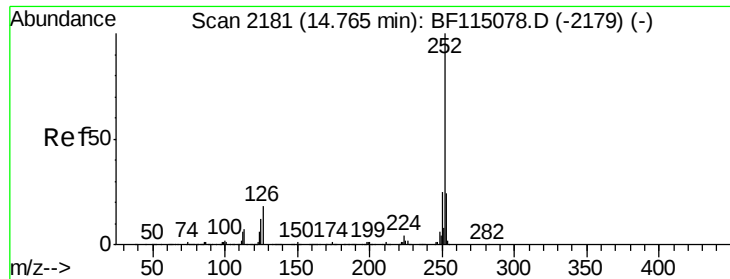
Abundance

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





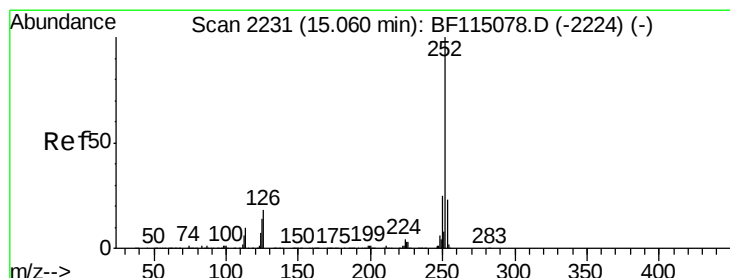
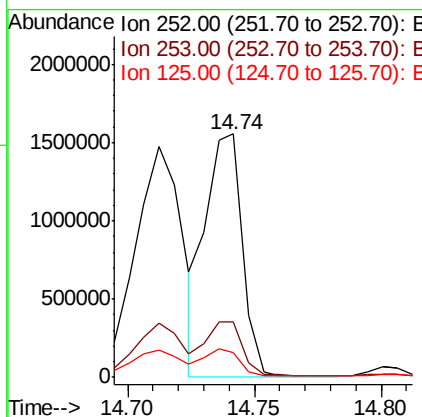
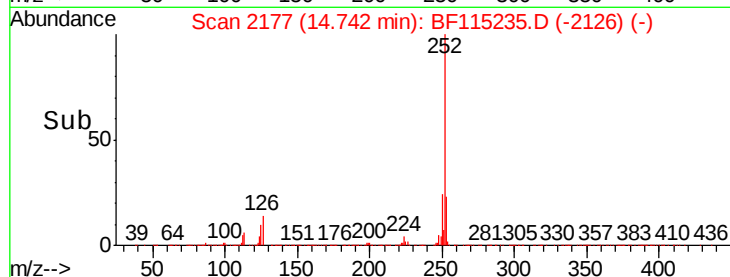
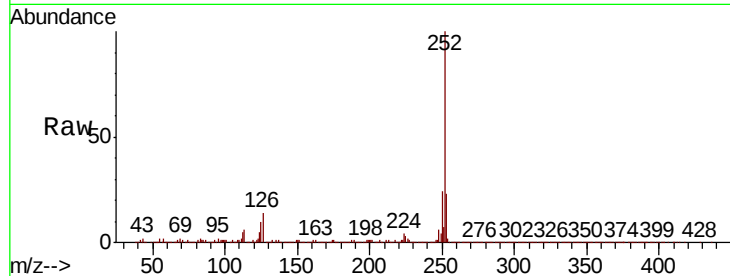
#89  
Benzo(k)fluoranthene  
Concen: 42.843 ng  
RT: 14.74 min Scan# 2177  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.9  | 28.3  |
| 125     | 10.3  | 10.2  | 15.2  |

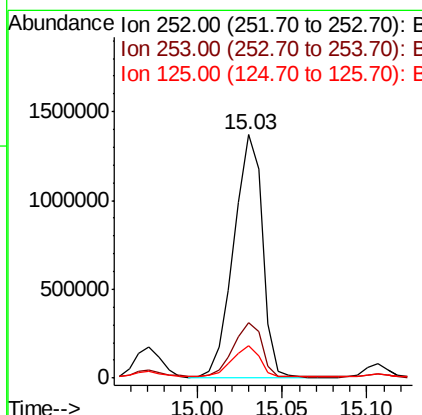
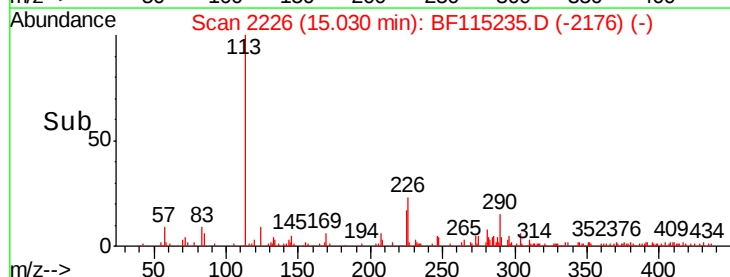
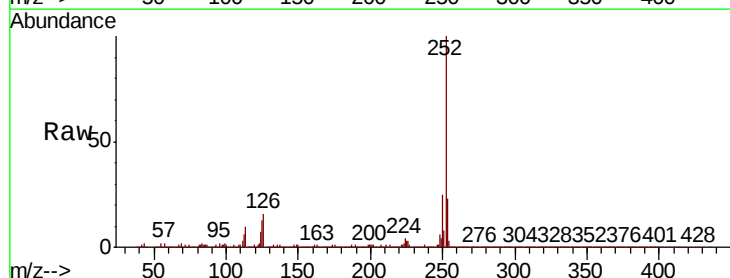
Manual Integrations  
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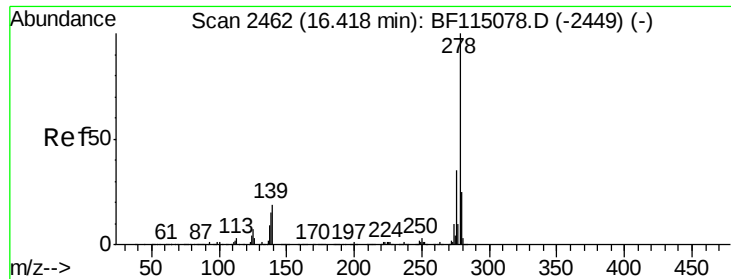
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#90  
Benzo(a)pyrene  
Concen: 43.972 ng  
RT: 15.03 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.3  | 27.5  |
| 125     | 13.1  | 10.9  | 16.3  |





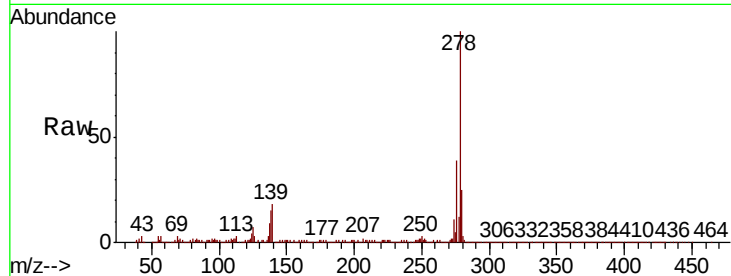
#91  
Dibenzo(a,h)anthracene  
Concen: 33.419 ng  
RT: 16.37 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Instrument :  
BNA\_F  
ClientSampleId :  
SA-06-062619-BMS

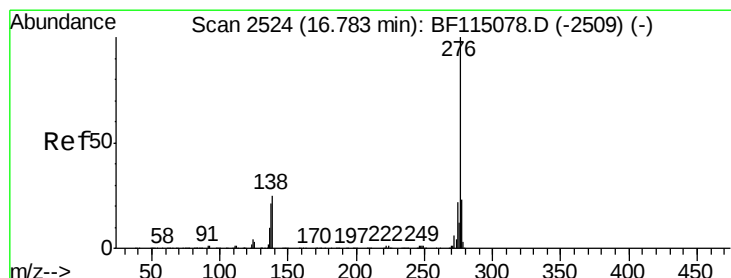
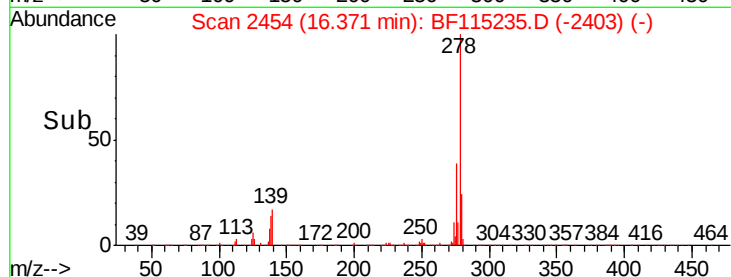
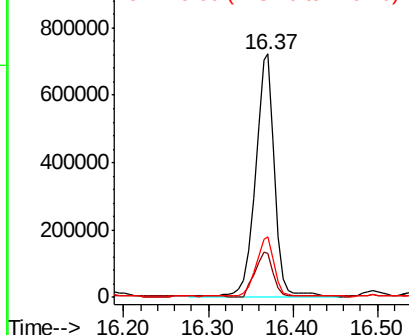
Tot Ion:278 Resp: 1147268  
Ion Ratio Lower Upper  
278 100  
139 17.9 15.4 23.2  
279 24.8 19.9 29.9

Manual Integrations  
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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: 34.024 ng  
RT: 16.73 min Scan# 2515  
Delta R.T. -0.01 min  
Lab File: BF115235.D  
Acq: 27 Jun 2019 14:48

Tgt Ion:276 Resp: 1182192  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.6 28.0  
138 23.7 19.8 29.6

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

