

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\  
 Data File : BF112981.D  
 Acq On : 12 Mar 2019 3:54  
 Operator : JU/SJ  
 Sample : K1817-01MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

Manual Integrations  
 APPROVED

Sohil  
 3/12/2019 4:29:10 PM

Quant Time: Mar 12 07:40:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 133215   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.02  | 136  | 517567   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 274711   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.24 | 188  | 564661   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 390976   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 327065   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.34  | 112 | 513993 | 60.02 | ng | 0.00  |
| 7) Phenol-d6                | 6.37  | 99  | 676544 | 62.89 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 401931 | 46.47 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330 | 232813 | 79.83 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.09  | 172 | 834148 | 44.25 | ng | -0.01 |
| 79) Terphenyl-d14           | 12.82 | 244 | 925614 | 45.89 | ng | 0.00  |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.39 | 88  | 70781  | 16.488 | ng | 97   |
| 3) Pyridine                    | 3.14 | 79  | 103601 | 9.021  | ng | 94   |
| 4) n-Nitrosodimethylamine      | 3.02 | 42  | 77758  | 15.477 | ng | 95   |
| 6) Aniline                     | 6.39 | 93  | 160778 | 10.858 | ng | # 84 |
| 8) 2-Chlorophenol              | 6.52 | 128 | 183633 | 19.263 | ng | 93   |
| 9) Benzaldehyde                | 6.27 | 77  | 89673  | 11.569 | ng | 100  |
| 10) Phenol                     | 6.38 | 94  | 243582 | 19.404 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 171828 | 17.833 | ng | 94   |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 198673 | 20.174 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 201720 | 20.425 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 192775 | 21.293 | ng | 98   |
| 15) Benzyl Alcohol             | 6.87 | 79  | 155666 | 18.977 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 280306 | 17.432 | ng | 98   |
| 17) 2-Methylphenol             | 6.99 | 107 | 147410 | 19.061 | ng | 97   |
| 18) Hexachloroethane           | 7.25 | 117 | 64689  | 17.099 | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70  | 125320 | 18.394 | ng | 99   |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 185558 | 21.252 | ng | # 73 |
| 22) Acetophenone               | 7.13 | 105 | 247874 | 20.482 | ng | # 92 |
| 24) Nitrobenzene               | 7.30 | 77  | 190348 | 19.773 | ng | 96   |
| 25) Isophorone                 | 7.55 | 82  | 350360 | 18.802 | ng | 98   |
| 26) 2-Nitrophenol              | 7.63 | 139 | 87308  | 21.786 | ng | 99   |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 152889 | 20.507 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 217426 | 18.663 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 159919 | 22.119 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 166859 | 21.479 | ng | 96   |
| 31) Naphthalene                | 8.03 | 128 | 552999 | 21.521 | ng | 98   |
| 32) Benzoic acid               | 7.76 | 122 | 83643  | 16.007 | ng | 93   |
| 33) 4-Chloroaniline            | 8.08 | 127 | 142312 | 13.076 | ng | 98   |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 98221  | 22.419 | ng | 98   |
| 35) Caprolactam                | 8.43 | 113 | 51918  | 20.389 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 170952 | 21.366 | ng | 97   |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 383754 | 23.126 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.82 | 142 | 361953 | 22.517 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 177417 | 22.147 | ng | # 97 |

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 Sample : K1817-01MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

Manual Integrations  
 APPROVED

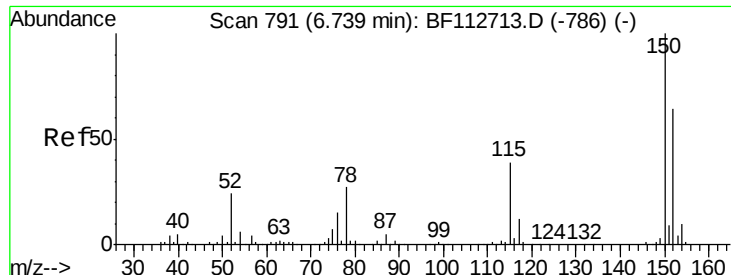
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 3/12/2019 4:29:10 PM

Quant Time: Mar 12 07:40:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.89  | 237  | 46050    | 10.498 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 119247   | 21.629 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 134939   | 22.644 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 477137   | 21.294 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.21  | 162  | 365983   | 20.918 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.30  | 65   | 116595   | 21.924 | nq    | 92       |
| 49) Acenaphthylene             | 9.62  | 152  | 612281   | 20.614 | nq    | 98       |
| 50) Dimethylphthalate          | 9.49  | 163  | 482938   | 23.842 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 92029    | 21.818 | nq    | # 81     |
| 52) Acenaphthene               | 9.80  | 154  | 361078   | 20.788 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.71  | 138  | 98714    | 19.206 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 13374    | 13.579 | nq    | 96       |
| 55) Dibenzofuran               | 9.97  | 168  | 552556   | 21.888 | nq    | 95       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 165691   | 39.665 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 126734   | 24.171 | nq    | 88       |
| 58) Fluorene                   | 10.31 | 166  | 418691   | 23.367 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 116331   | 23.431 | nq    | 94       |
| 60) Diethylphthalate           | 10.19 | 149  | 443247   | 20.719 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 207167   | 24.850 | nq    | 89       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 104246   | 21.949 | nq    | 93       |
| 63) Azobenzene                 | 10.46 | 77   | 429073   | 19.581 | nq    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 11335    | 9.029  | nq    | 78       |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 382336   | 21.113 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.79 | 248  | 132756   | 22.321 | nq    | 97       |
| 68) Hexachlorobenzene          | 10.86 | 284  | 152749   | 22.783 | nq    | 95       |
| 69) Atrazine                   | 10.95 | 200  | 120808   | 21.782 | nq    | 97       |
| 70) Pentachlorophenol          | 11.05 | 266  | 140360   | 35.570 | nq    | 98       |
| 71) Phenanthrene               | 11.26 | 178  | 620982   | 22.104 | nq    | 98       |
| 72) Anthracene                 | 11.32 | 178  | 652849   | 22.199 | nq    | 98       |
| 73) Carbazole                  | 11.47 | 167  | 592349   | 20.648 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 765546   | 22.255 | nq    | 100      |
| 75) Fluoranthene               | 12.45 | 202  | 619988   | 20.598 | nq    | 97       |
| 77) Benzidine                  | 12.57 | 184  | 213860   | 10.543 | nq    | 100      |
| 78) Pyrene                     | 12.67 | 202  | 609217   | 18.483 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 289488   | 19.898 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 484082   | 17.865 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 191197   | 18.656 | nq    | # 98     |
| 83) Chrysene                   | 13.89 | 228  | 509273   | 19.187 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 390230   | 22.867 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 666763   | 22.754 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 347807   | 15.370 | nq    | 95       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 458916m  | 21.693 | nq    |          |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 431972   | 22.542 | nq    | 97       |
| 90) Benzo(a)pyrene             | 15.21 | 252  | 391797   | 20.938 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 304609   | 19.077 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 278902   | 17.395 | nq    | 96       |

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





#1

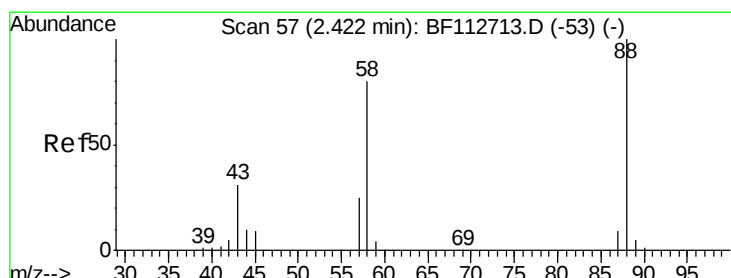
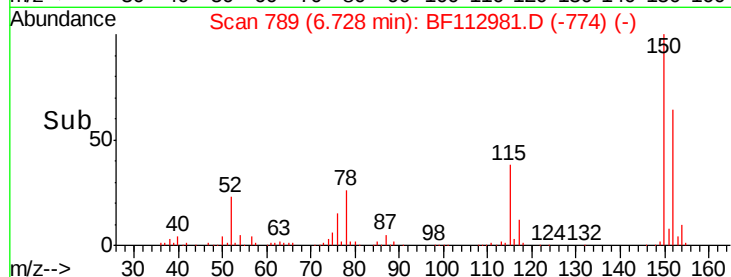
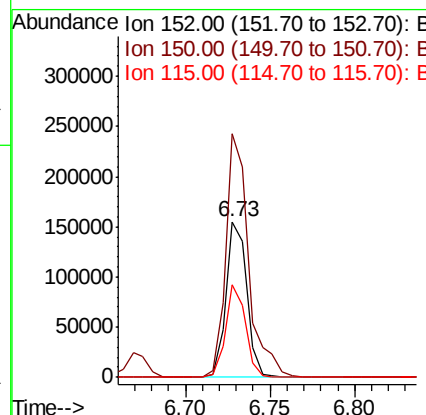
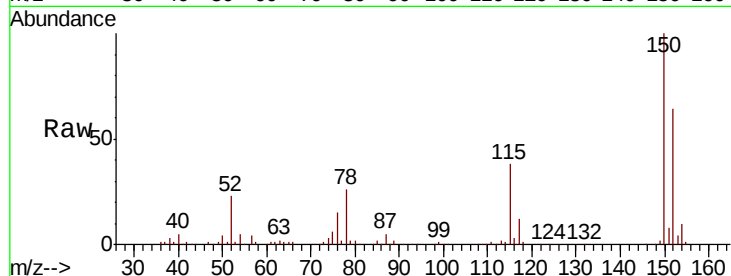
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 124.2 | 186.2 |
| 115     | 59.6  | 48.2  | 72.4  |

Manual Integrations  
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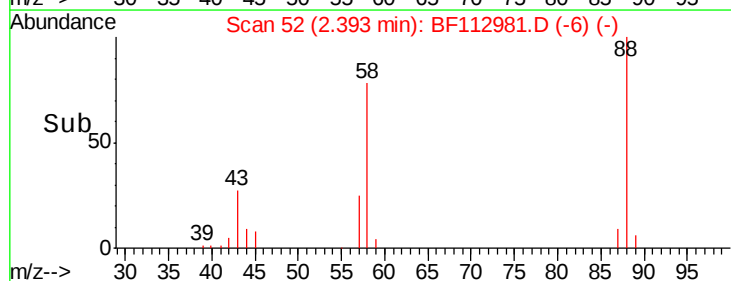
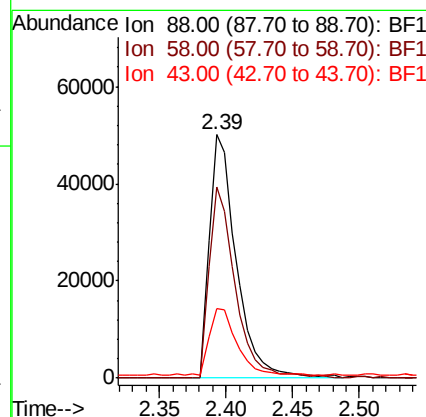
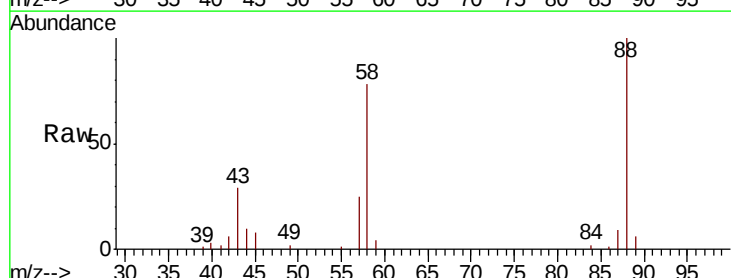
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3/12/2019 4:29:10 PM

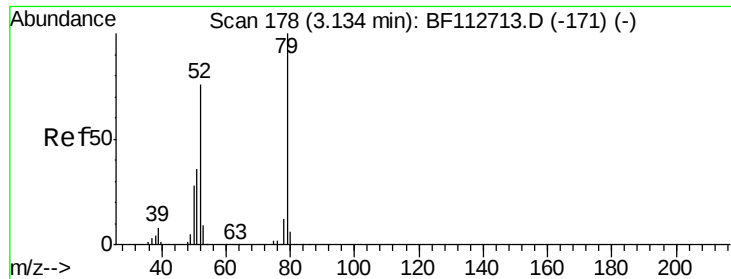


#2

1,4-Dioxane  
Concen: 16.488 ng  
RT: 2.39 min Scan# 52  
Delta R.T. -0.03 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.0  | 63.1  | 94.7  |
| 43      | 28.7  | 24.3  | 36.5  |





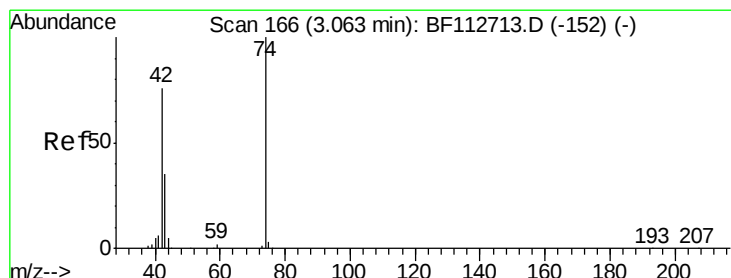
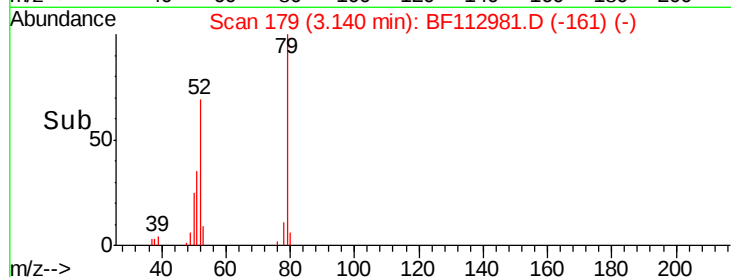
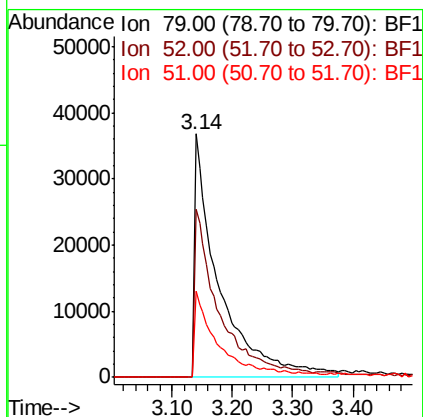
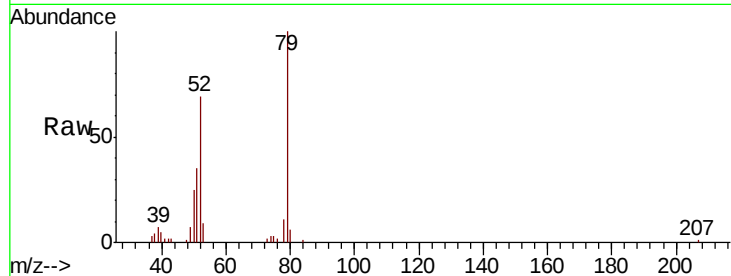
#3  
 Pvridine  
 Concen: 9.021 ng  
 RT: 3.14 min Scan# 179  
 Delta R.T. 0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.0  | 60.5  | 90.7  |
| 51      | 35.3  | 28.8  | 43.2  |

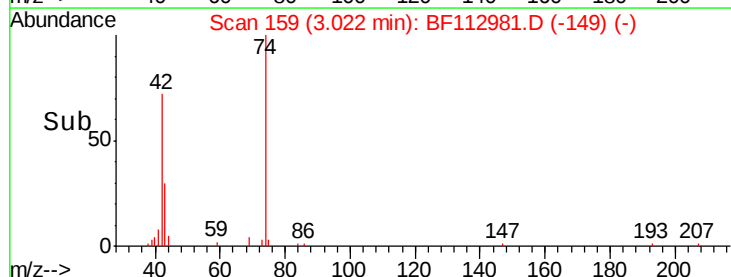
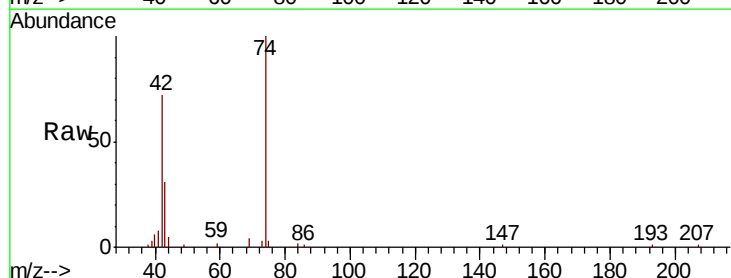
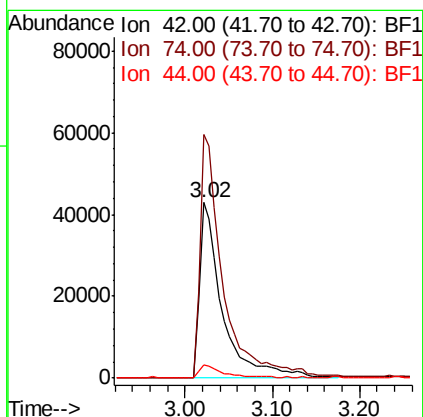
Manual Integrations  
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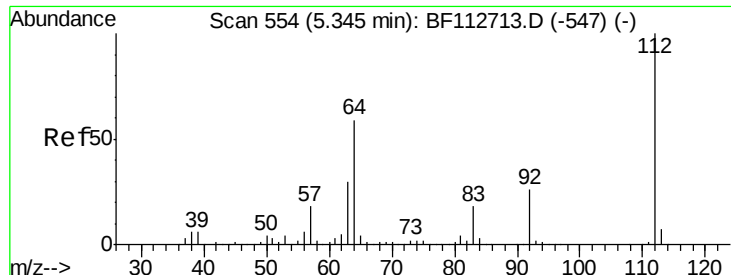
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 3/12/2019 4:29:10 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 15.477 ng  
 RT: 3.02 min Scan# 159  
 Delta R.T. -0.04 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 138.8 | 105.8 | 158.8 |
| 44      | 7.6   | 6.2   | 9.2   |





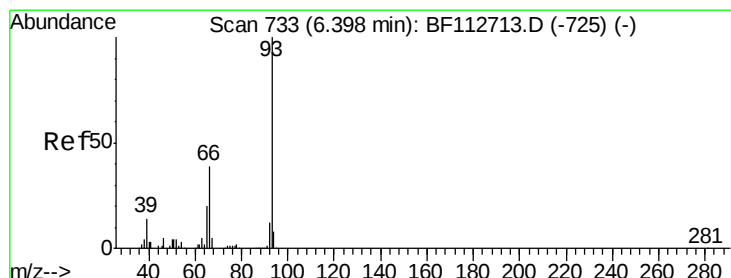
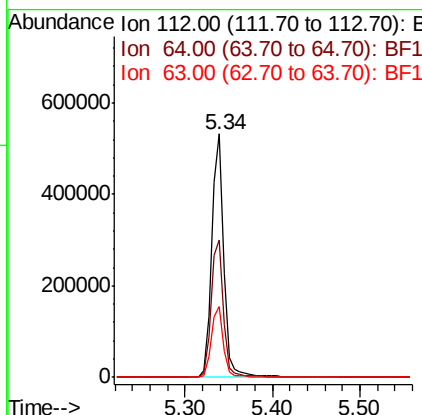
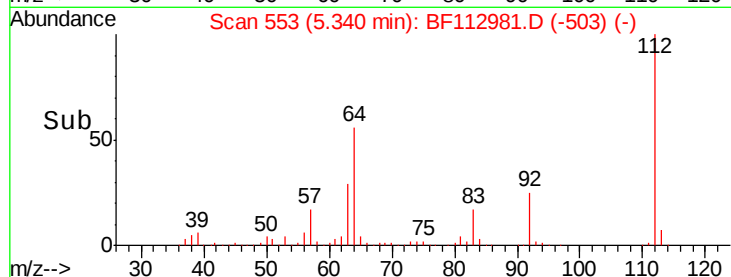
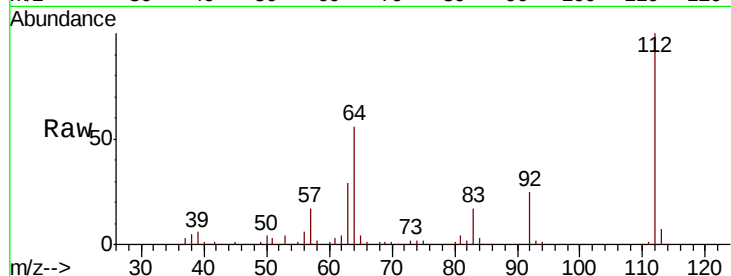
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2-Fluorophenol  
Concen: 60.019 ng  
RT: 5.34 min Scan# 553  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 56.5  | 47.6       | 71.4  |
| 63      | 28.9  | 24.4       | 36.6  |

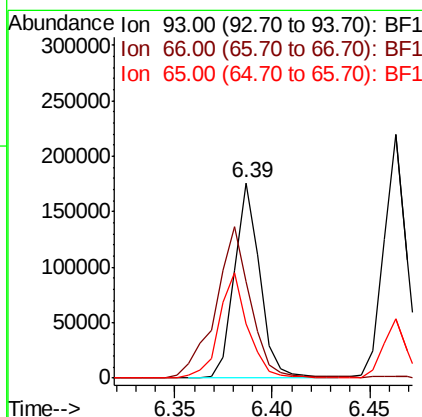
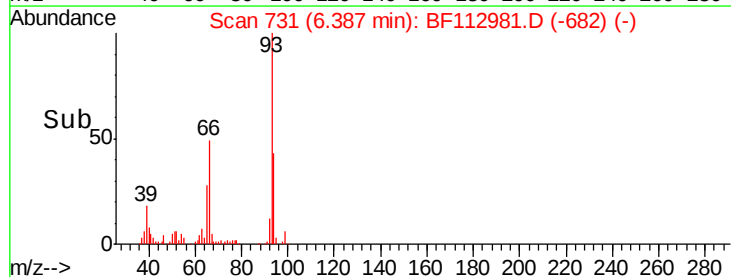
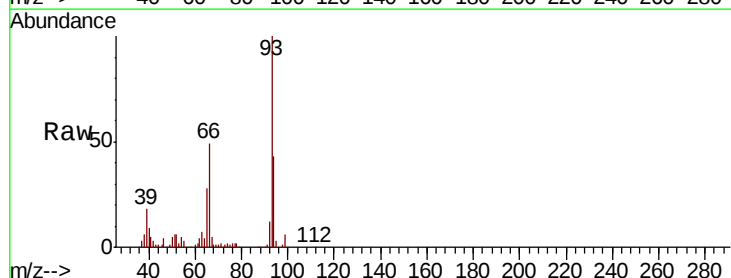
Manual Integrations  
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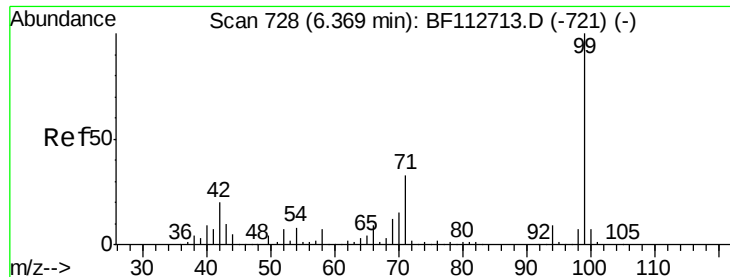
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3/12/2019 4:29:10 PM



#6  
Aniline  
Concen: 10.858 ng  
RT: 6.39 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 49.5  | 32.2       | 48.2# |
| 65      | 28.0  | 16.2       | 24.4# |





#7

Phenol-d6

Concen: 62.890 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

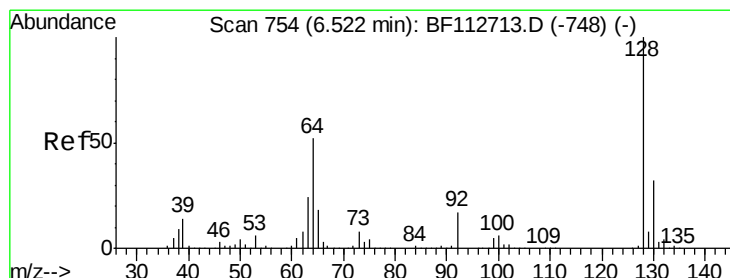
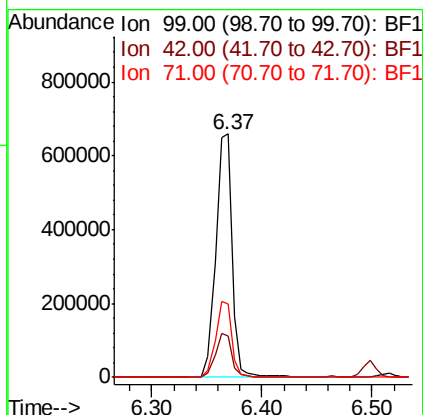
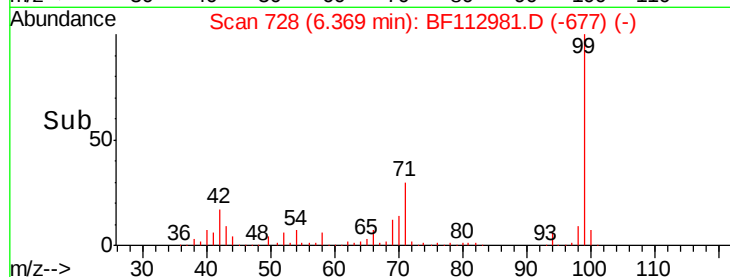
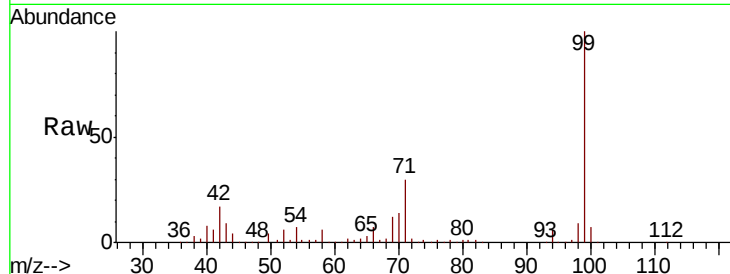
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 676544 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.9  | 16.3  | 24.5   |
| 71        | 30.0  | 26.2  | 39.4   |

Manual Integrations  
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3/12/2019 4:29:10 PM



#8

2-Chlorophenol

Concen: 19.263 ng

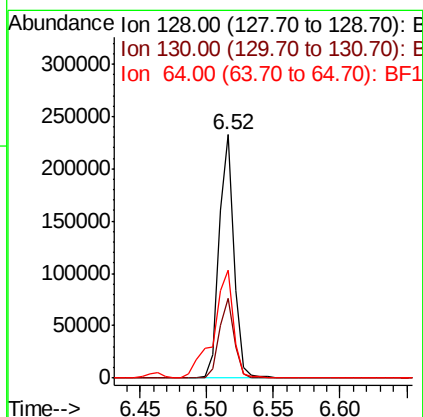
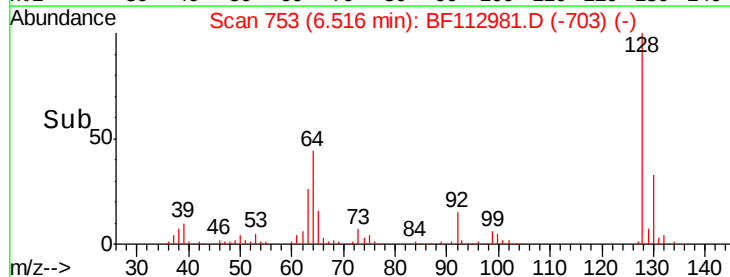
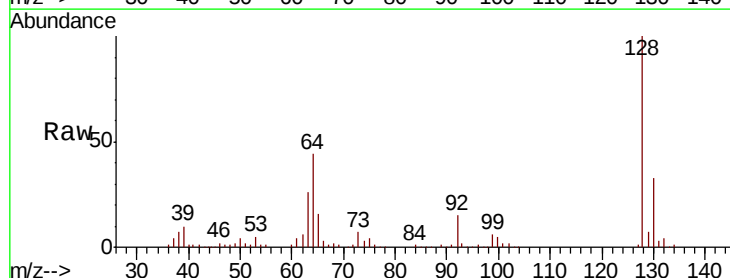
RT: 6.52 min Scan# 753

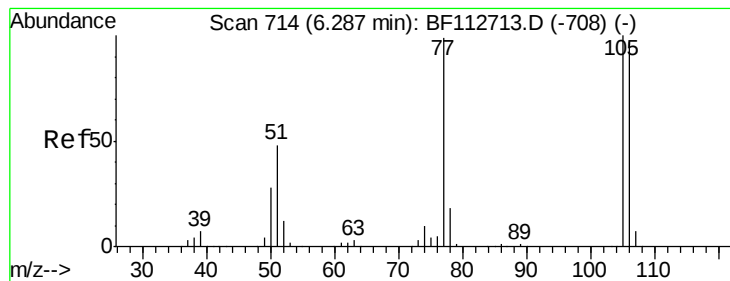
Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 183633 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.7  | 12.4  | 52.4   |
| 64        | 44.3  | 32.2  | 72.2   |





#9

Benzaldehyde

Concen: 11.569 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

ClientSampleId :

PST-028-B011-030619MS

Tot Ion: 77 Resp: 89673

Ion Ratio Lower Upper

77 100

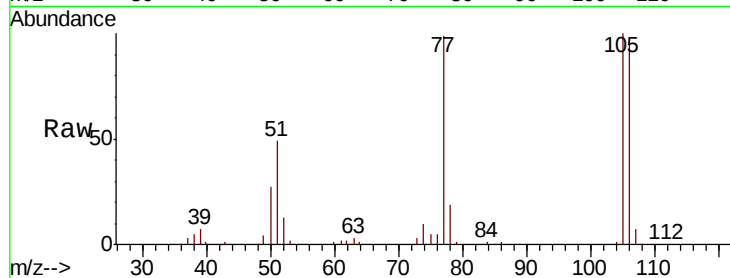
105 101.2 81.4 121.4

106 97.5 78.3 118.3

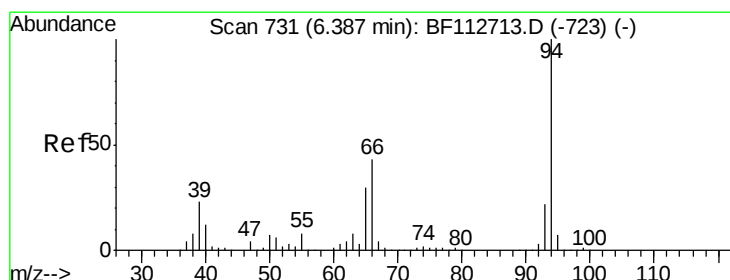
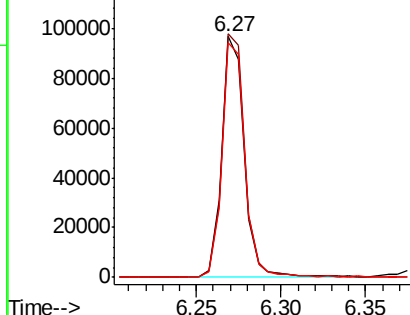
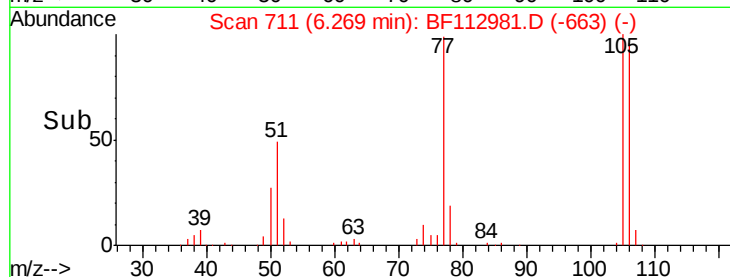
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Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 19.404 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

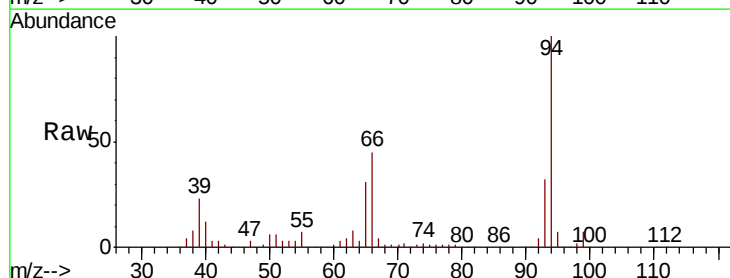
Tgt Ion: 94 Resp: 243582

Ion Ratio Lower Upper

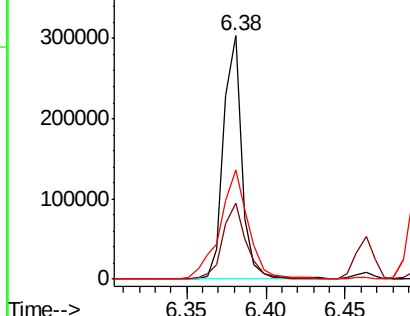
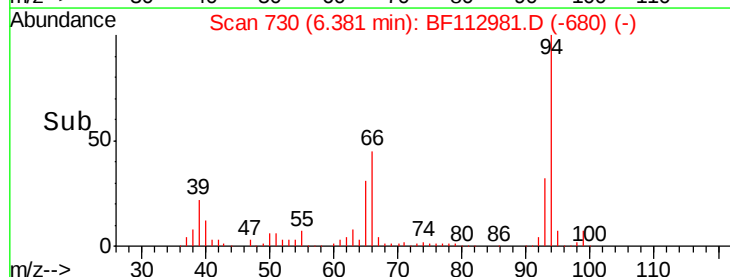
94 100

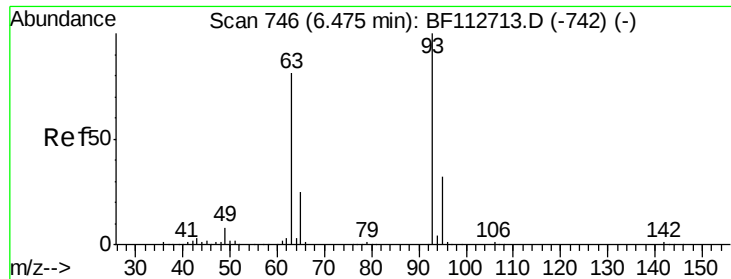
65 31.4 10.5 50.5

66 44.9 22.6 62.6



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: 17.833 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

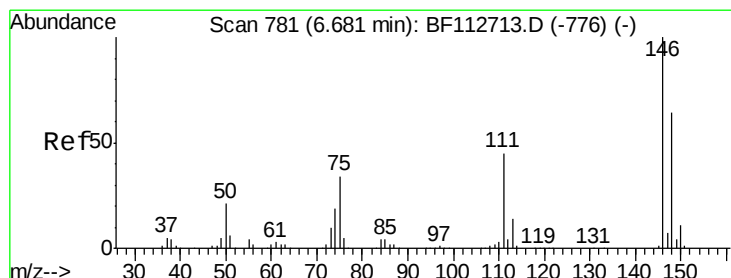
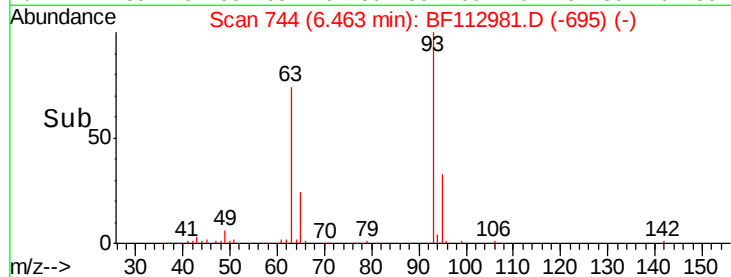
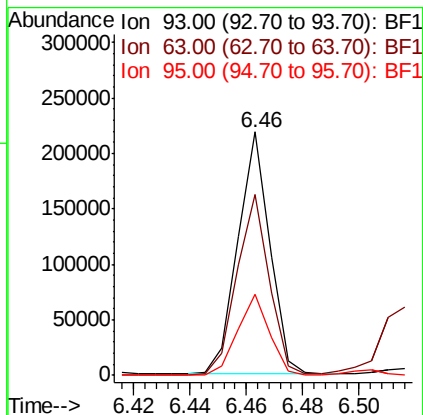
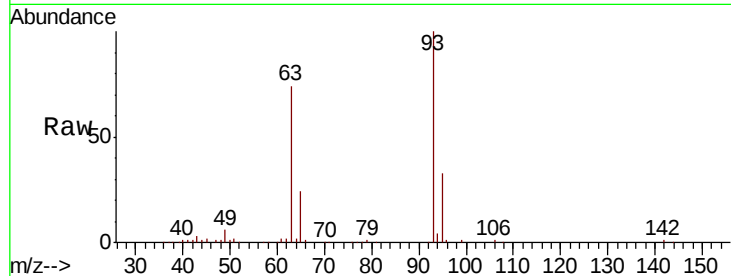
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 171828 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 74.4  | 60.5  | 100.5  |
| 95        | 33.5  | 12.1  | 52.1   |

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#12

1,3-Dichlorobenzene

Concen: 20.174 ng

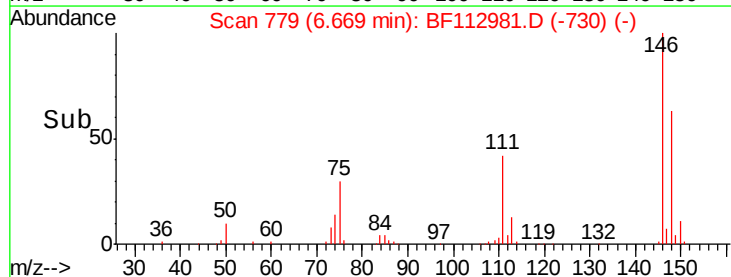
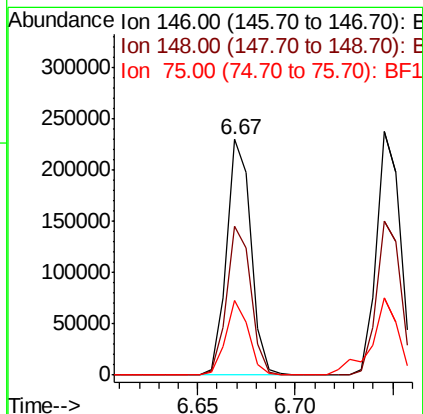
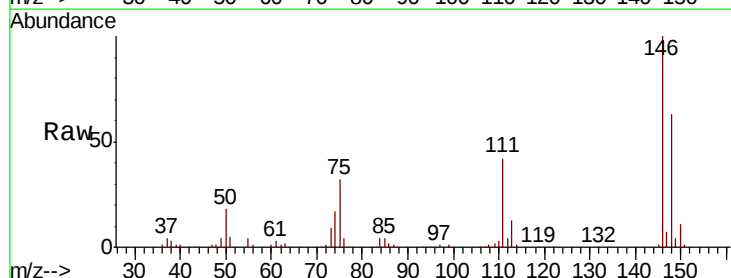
RT: 6.67 min Scan# 779

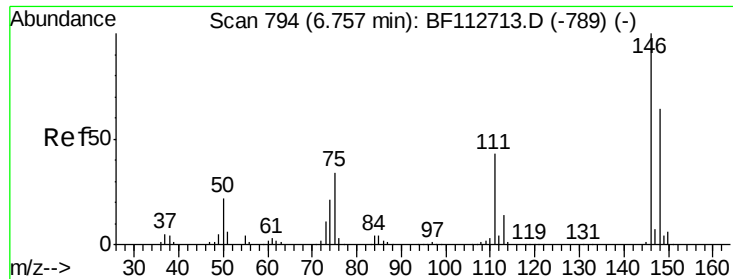
Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 198673 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 50.9  | 76.3   |
| 75        | 31.8  | 26.9  | 40.3   |





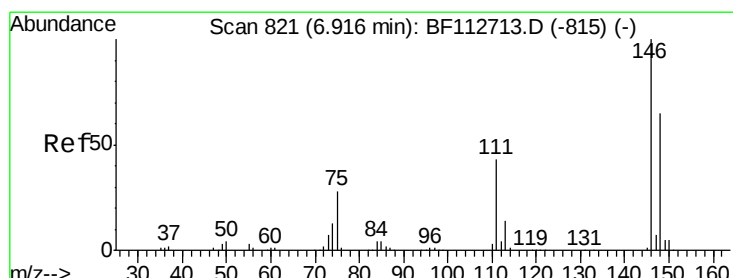
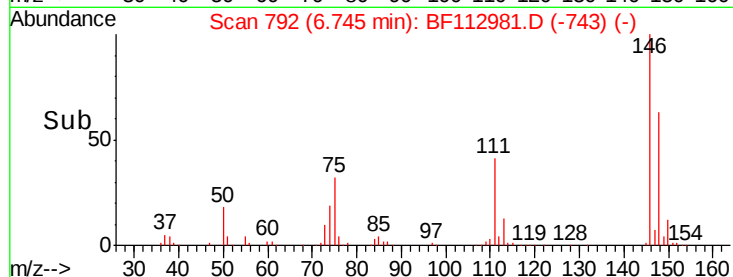
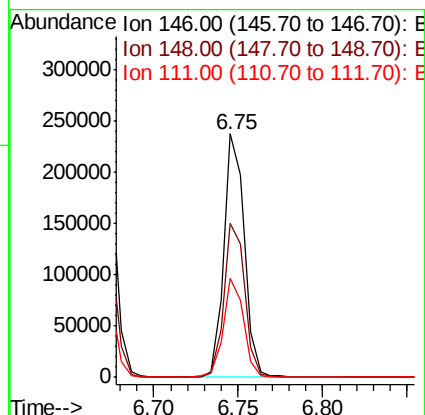
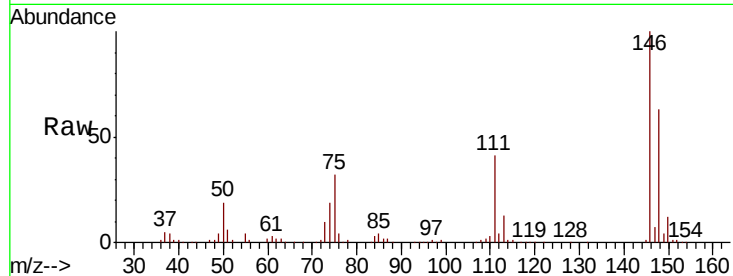
#13  
1,4-Dichlorobenzene  
Concen: 20.425 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.0  | 76.4  |
| 111     | 40.6  | 34.5  | 51.7  |

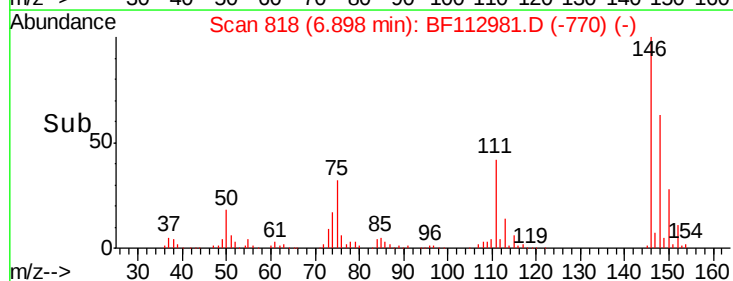
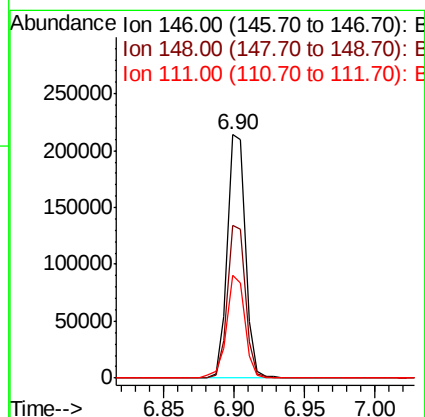
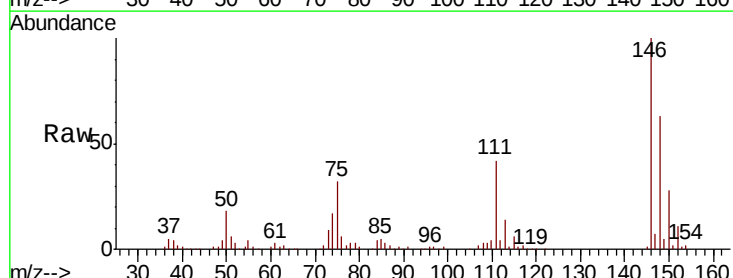
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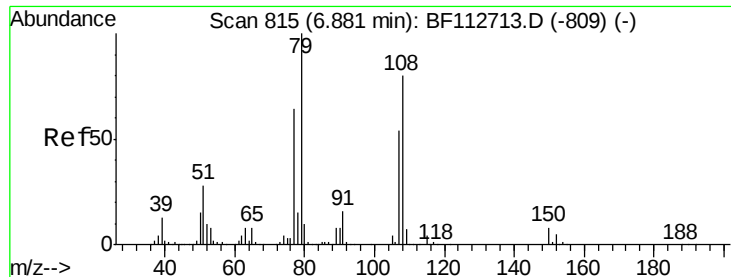
Sohil  
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#14  
1,2-Dichlorobenzene  
Concen: 21.293 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.02 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 52.0  | 78.0  |
| 111     | 42.5  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 18.977 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

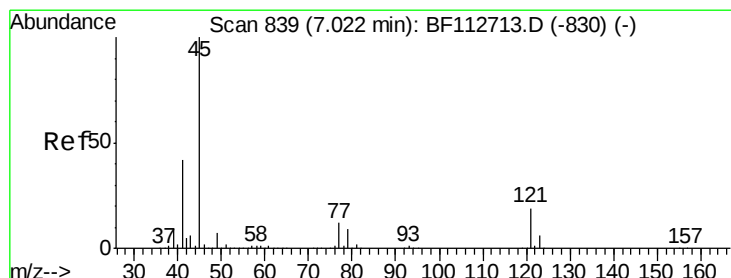
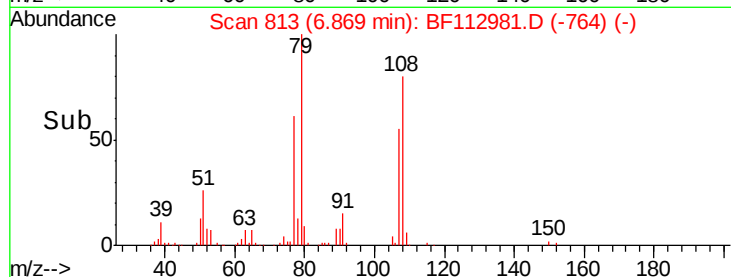
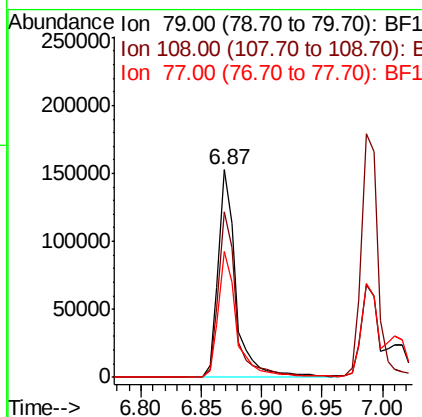
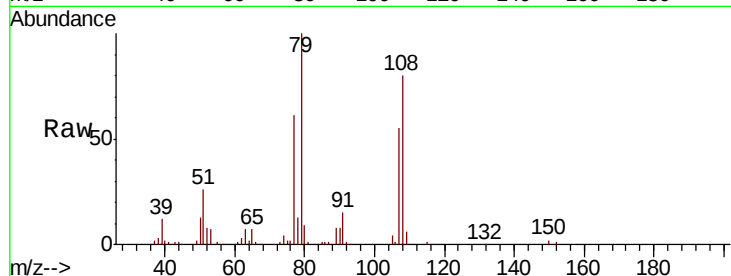
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 155666 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 79.6  | 64.2  | 96.4   |
| 77        | 60.8  | 51.1  | 76.7   |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 17.432 ng

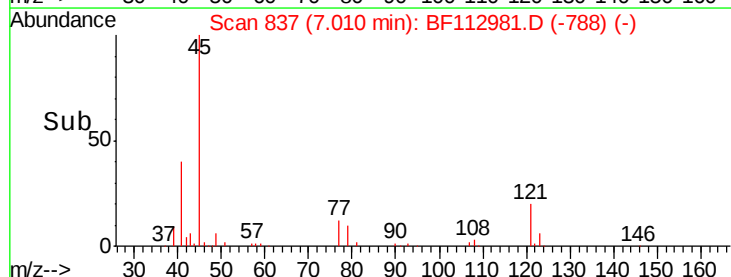
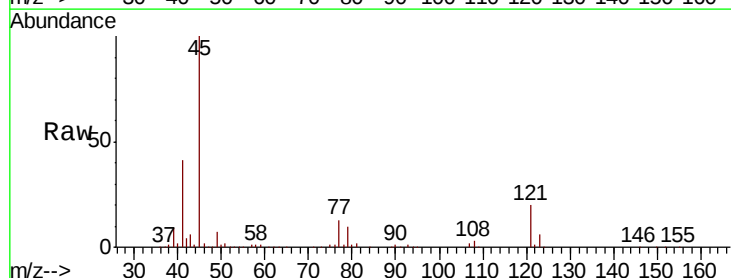
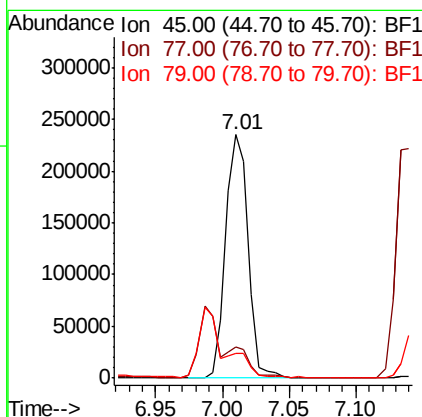
RT: 7.01 min Scan# 837

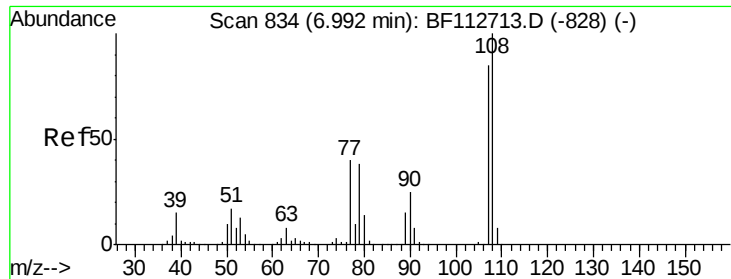
Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 280306 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.9  | 0.0   | 32.1   |
| 79        | 10.3  | 0.0   | 29.4   |





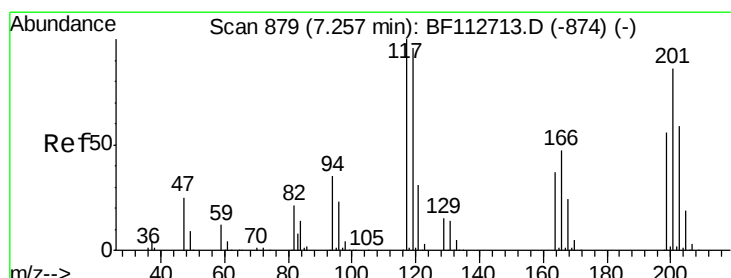
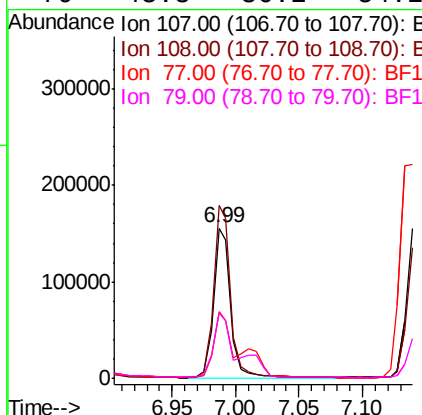
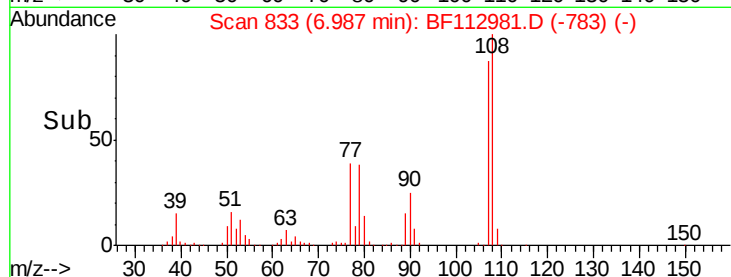
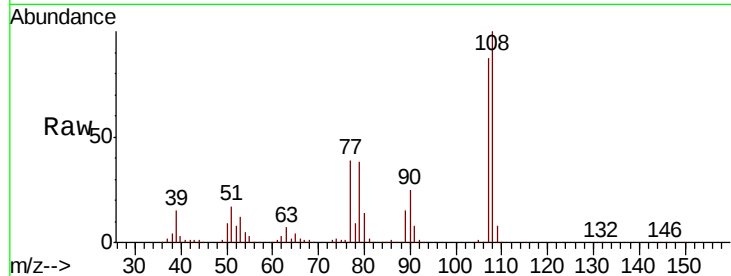
#17  
2-Methylphenol  
Concen: 19.061 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.1 | 94.6 | 142.0 |       |
| 77      | 44.6  | 37.8 | 56.8  |       |
| 79      | 43.8  | 36.2 | 54.2  |       |

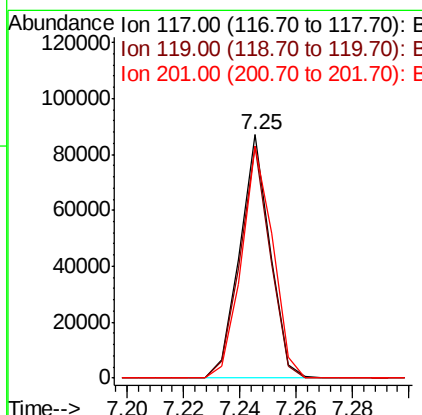
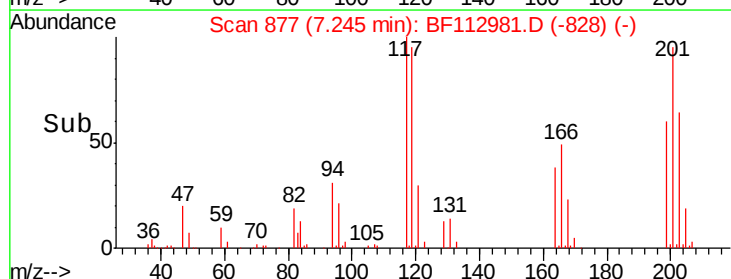
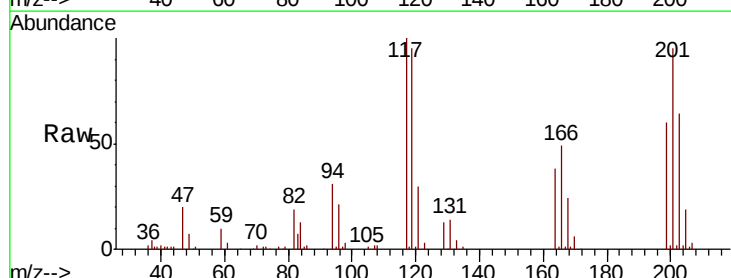
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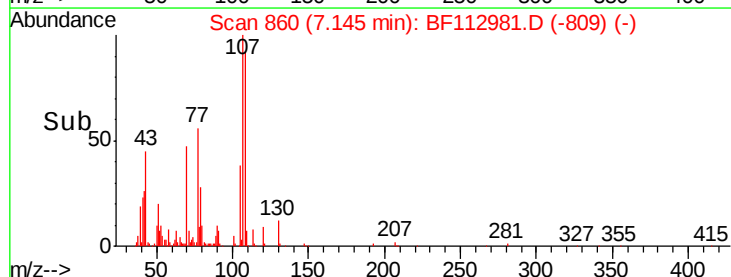
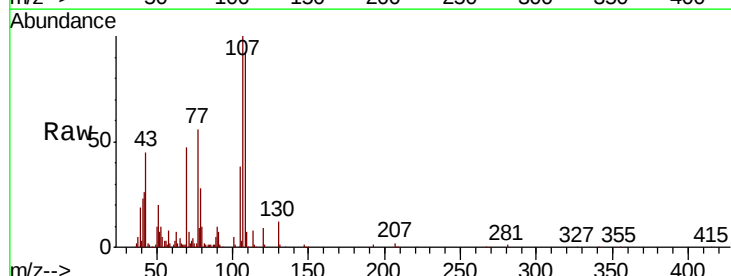
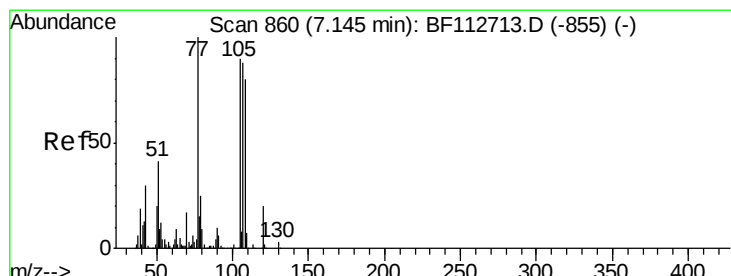
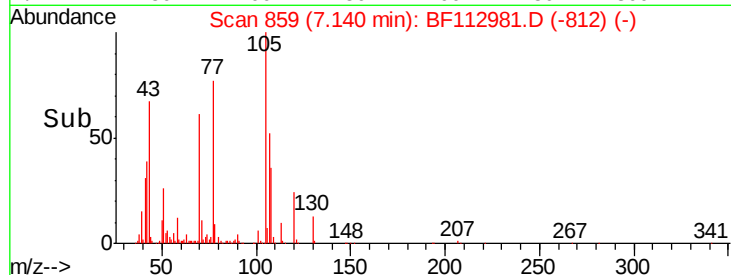
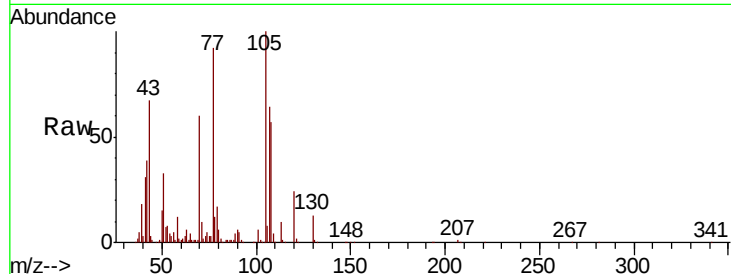
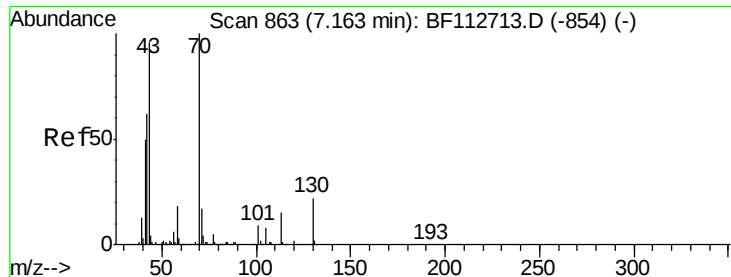
Sohil  
3/12/2019 4:29:10 PM



#18  
Hexachloroethane  
Concen: 17.099 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.2  | 76.6 | 115.0 |       |
| 201     | 95.1  | 68.9 | 103.3 |       |





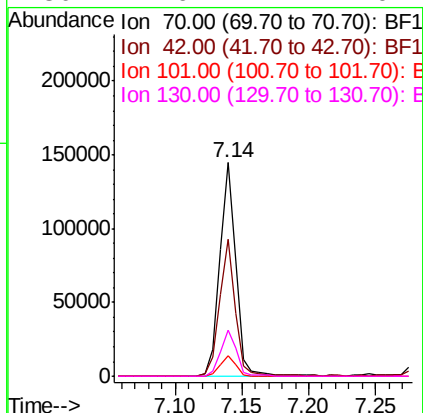
#19  
n-Nitroso-di-n-propylamine  
Concen: 18.394 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.02 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 63.9 | 49.9  | 74.9  |       |
| 101     | 9.7  | 7.4   | 11.2  |       |
| 130     | 21.6 | 17.4  | 26.2  |       |

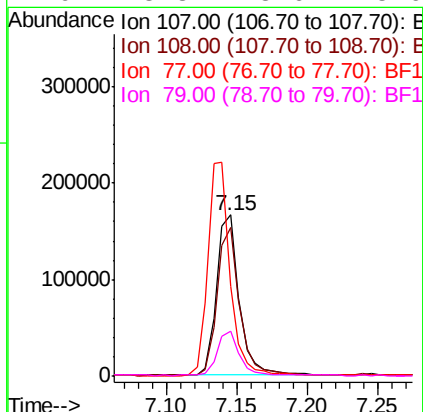
Manual Integrations  
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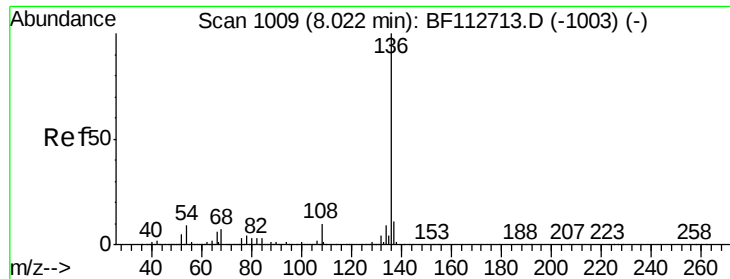
Sohil  
3/12/2019 4:29:10 PM



#20  
3+4-Methylphenols  
Concen: 21.252 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ion  | Ratio | Lower  | Upper |
|---------|------|-------|--------|-------|
| 107     | 100  |       |        |       |
| 108     | 92.3 | 71.4  | 111.4  |       |
| 77      | 56.0 | 94.1  | 134.1# |       |
| 79      | 28.3 | 8.6   | 48.6   |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

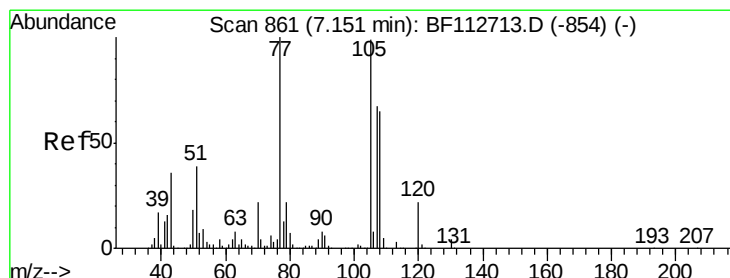
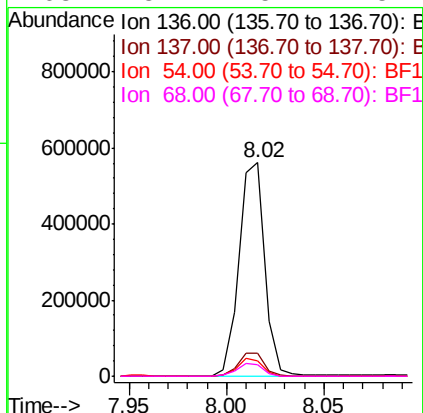
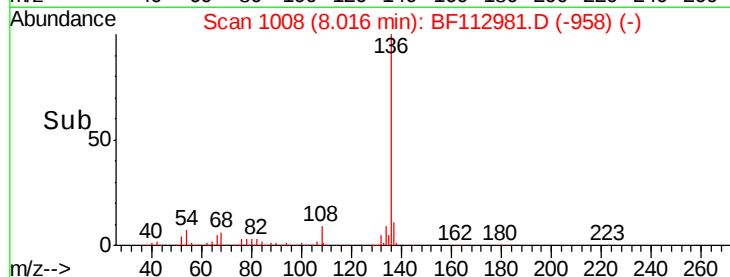
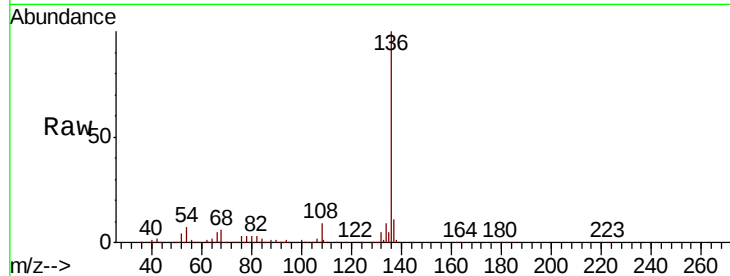
ClientSampleId :

PST-028-B011-030619MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.8  | 8.9        | 13.3  |
| 54      | 7.1   | 7.3        | 10.9  |
| 68      | 5.7   | 5.4        | 8.2   |

Manual Integrations  
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3/12/2019 4:29:10 PM



#22

Acetophenone

Concen: 20.482 ng

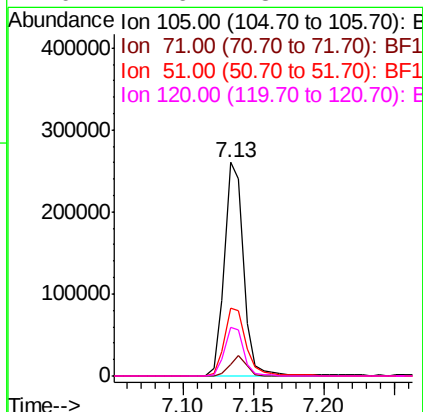
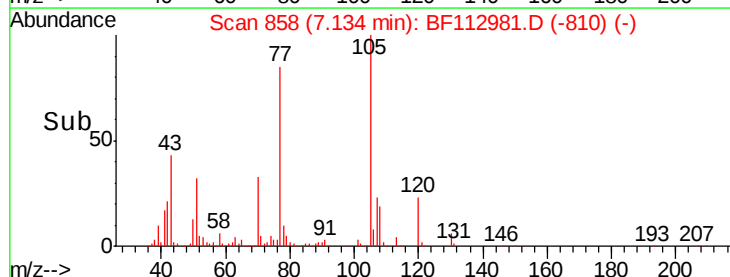
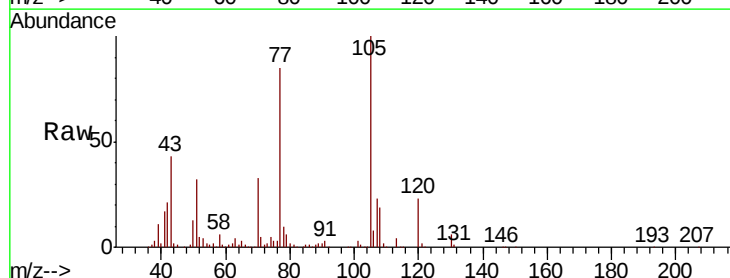
RT: 7.13 min Scan# 858

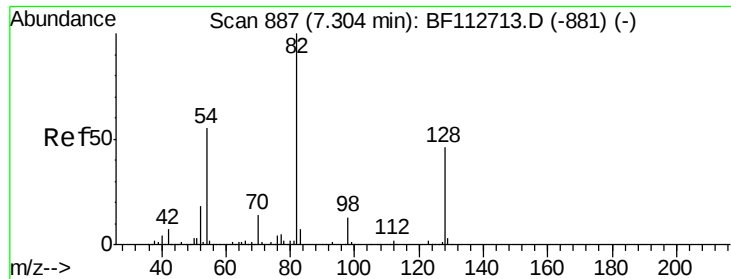
Delta R.T. -0.02 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 5.5   | 3.0        | 4.4   |
| 51      | 31.8  | 31.5       | 47.3  |
| 120     | 22.6  | 18.1       | 27.1  |





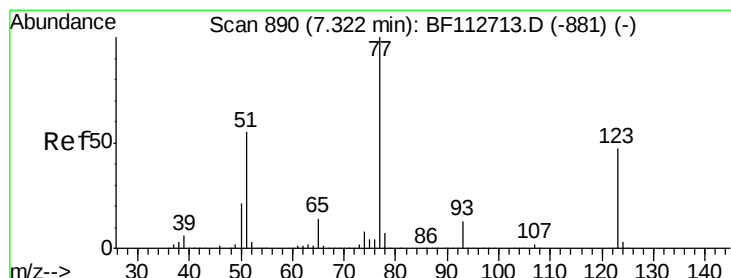
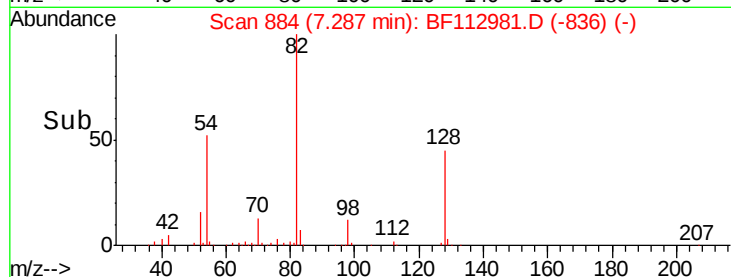
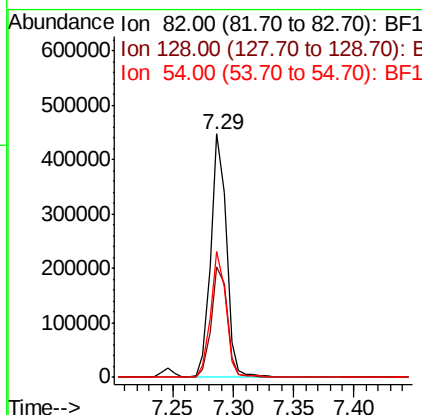
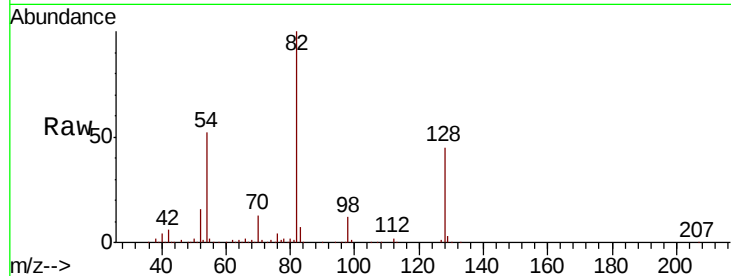
#23  
Nitrobenzene-d5  
Concen: 46.469 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.02 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.3  | 36.3  | 54.5  |
| 54      | 51.9  | 43.7  | 65.5  |

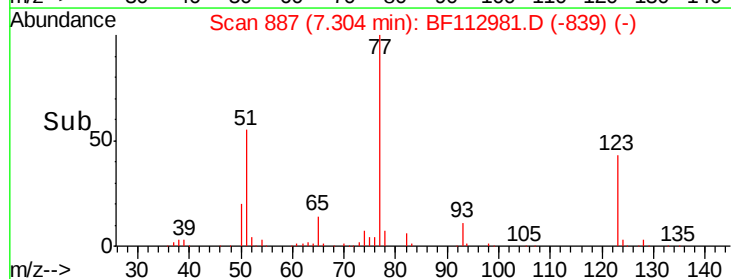
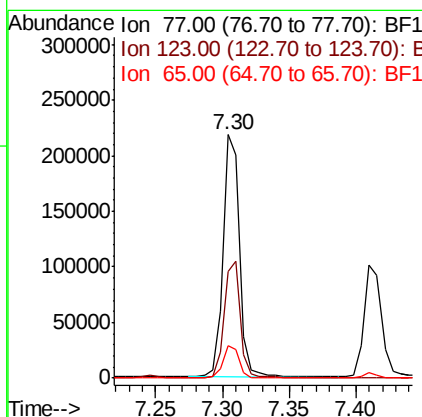
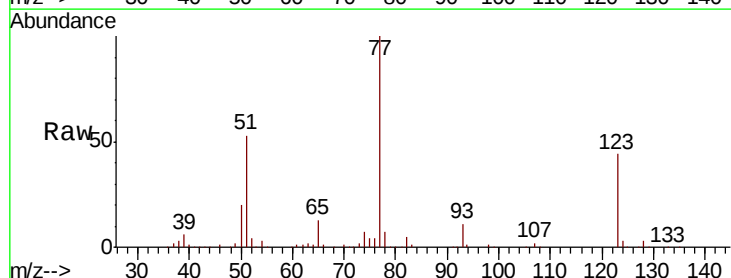
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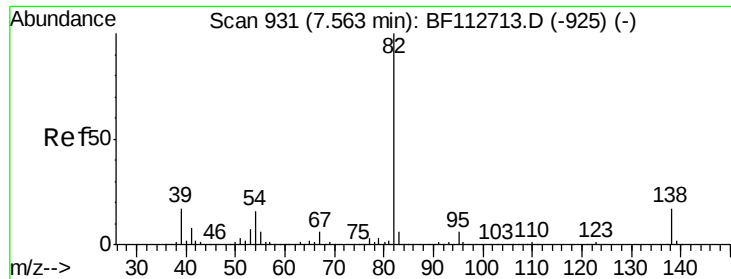
Sohil  
3/12/2019 4:29:10 PM



#24  
Nitrobenzene  
Concen: 19.773 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.02 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.9  | 37.8  | 56.6  |
| 65      | 13.4  | 11.1  | 16.7  |





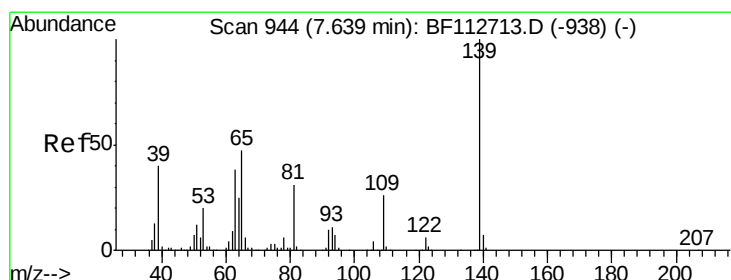
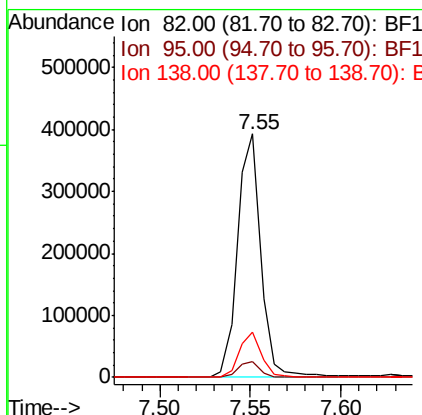
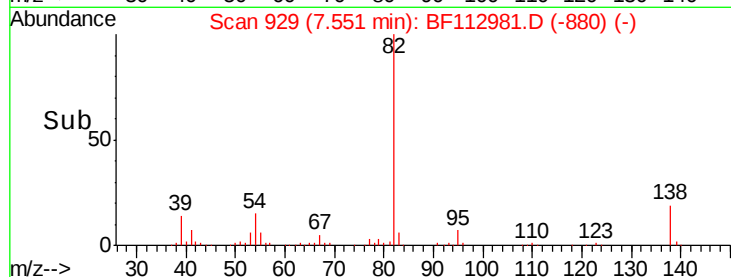
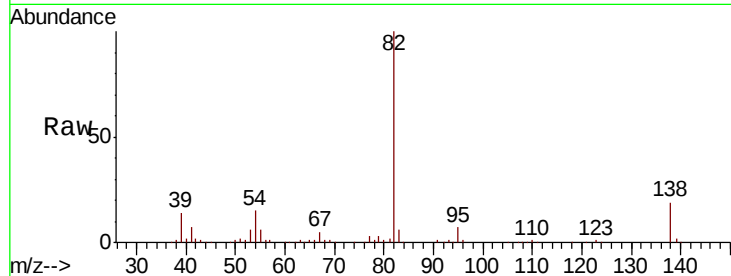
#25  
Isophorone  
Concen: 18.802 ng  
RT: 7.55 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 6.7   | 5.2  | 7.8   |       |
| 138     | 18.5  | 13.8 | 20.8  |       |

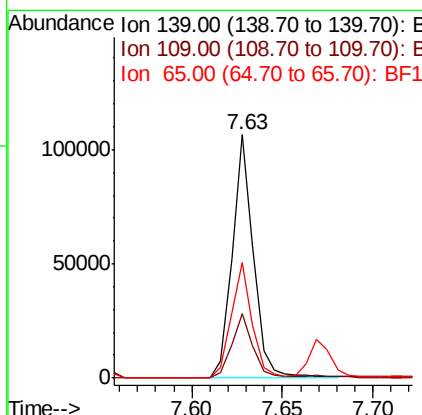
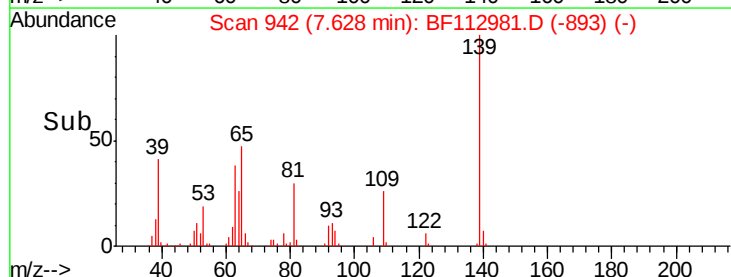
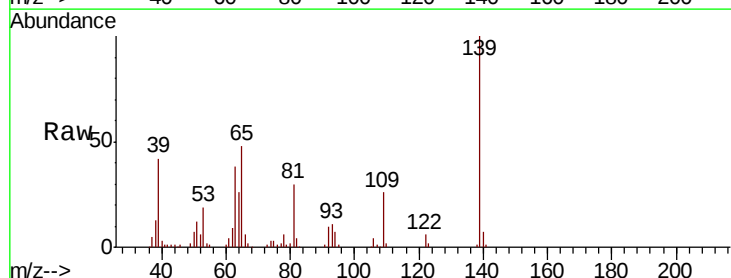
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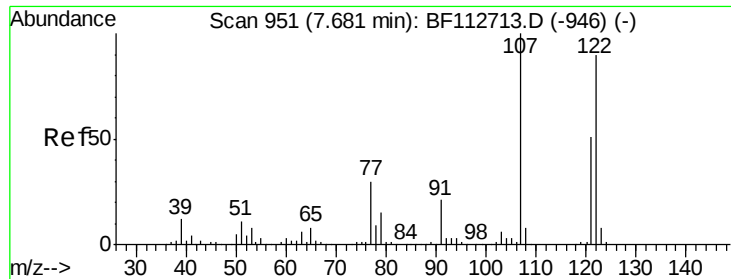
Sohil  
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#26  
2-Nitrophenol  
Concen: 21.786 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 26.5  | 20.6 | 31.0  |       |
| 65      | 47.5  | 37.9 | 56.9  |       |





#27

2,4-Dimethylphenol

Concen: 20.507 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

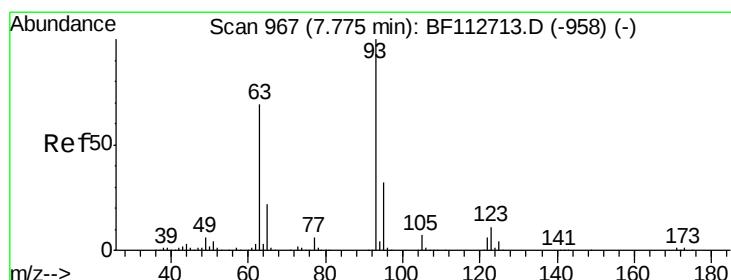
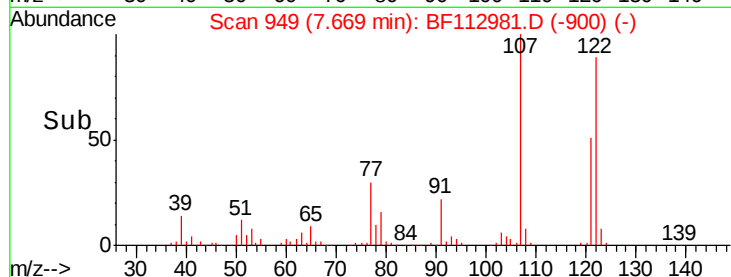
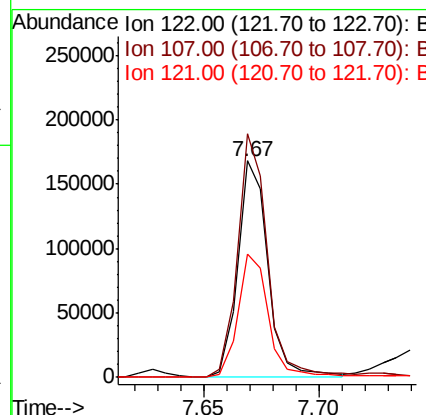
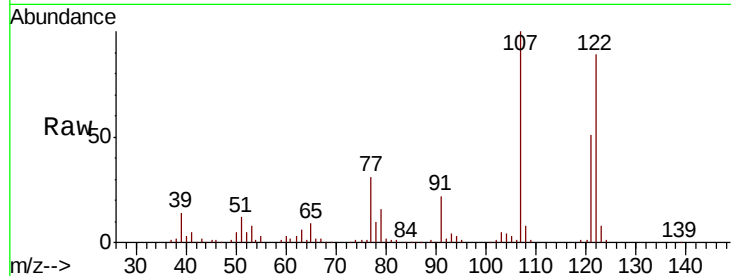
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 152889 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 112.6 | 89.4  | 134.0  |
| 121       | 57.1  | 45.5  | 68.3   |

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#28

bis(2-Chloroethoxy)methane

Concen: 18.663 ng

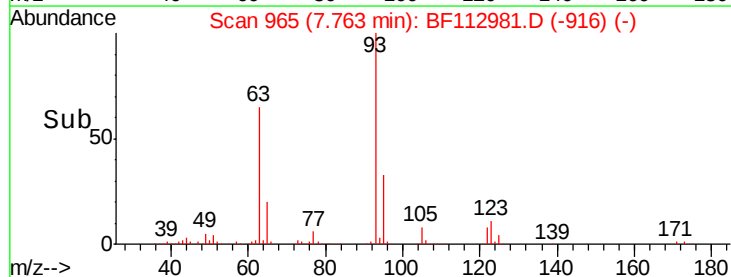
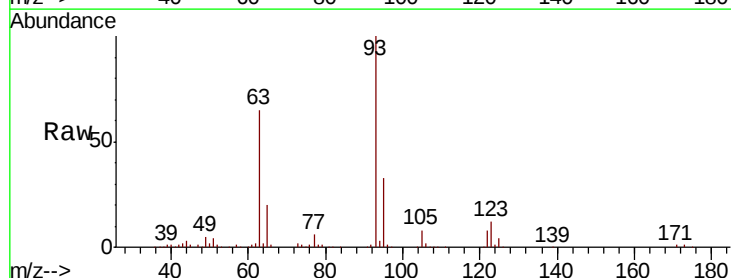
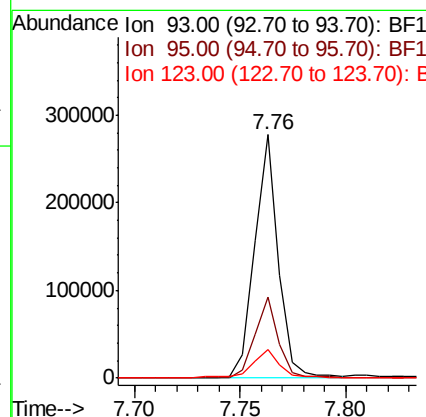
RT: 7.76 min Scan# 965

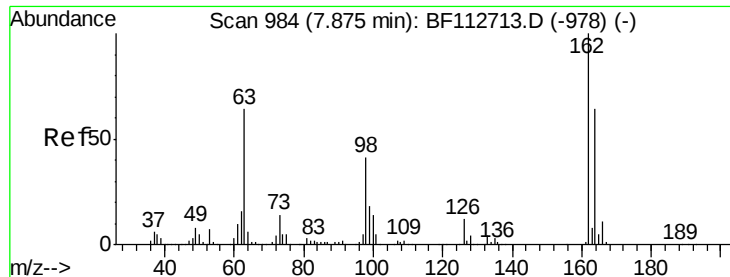
Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 217426 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.2  | 26.0  | 39.0   |
| 123       | 11.7  | 9.3   | 13.9   |





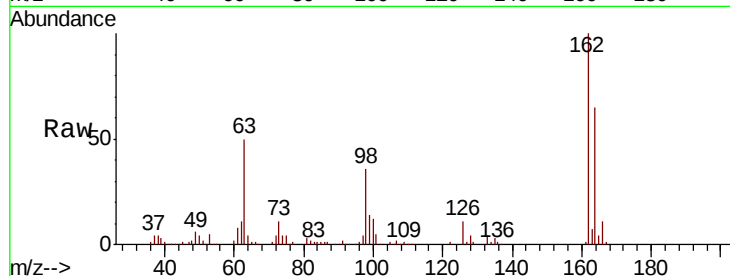
#29  
2,4-Dichlorophenol  
Concen: 22.119 ng  
RT: 7.87 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

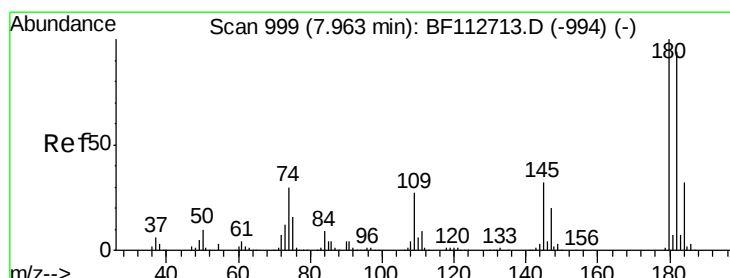
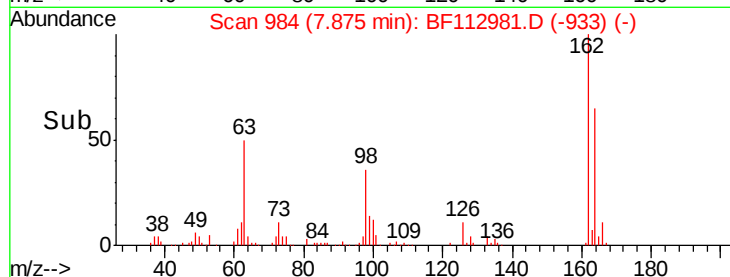
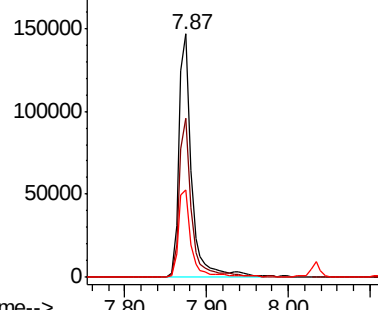
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 162  | Resp: | 159919 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 65.5 | 44.0  | 84.0   |
| 98        | 35.8 | 20.7  | 60.7   |

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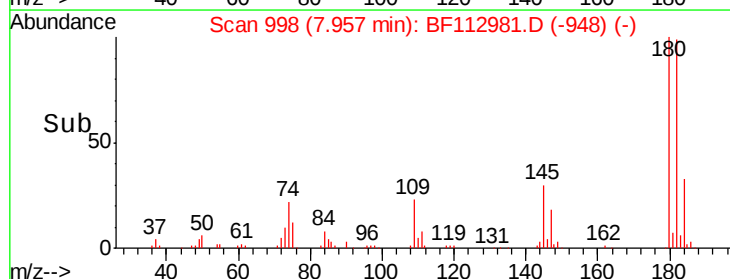
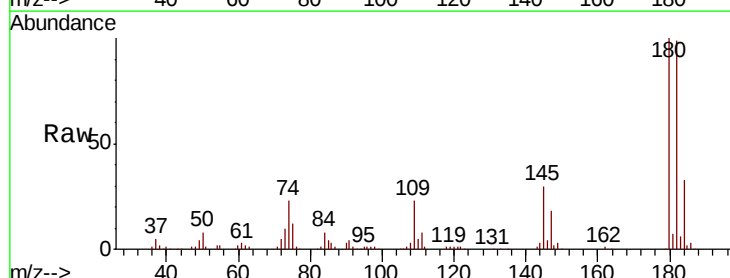
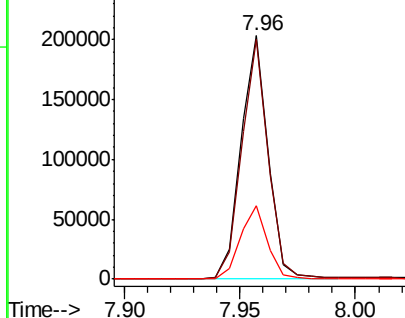
Abundance Ion 162.00 (161.70 to 162.70): E  
200000  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

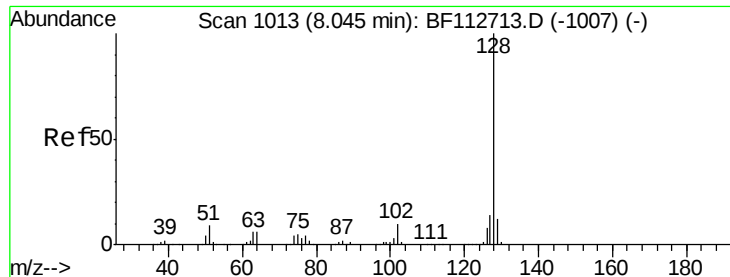


#30  
1,2,4-Trichlorobenzene  
Concen: 21.479 ng  
RT: 7.96 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 166859 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 98.6 | 75.2  | 112.8  |
| 145       | 29.9 | 25.4  | 38.0   |

Abundance Ion 180.00 (179.70 to 180.70): E  
250000  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





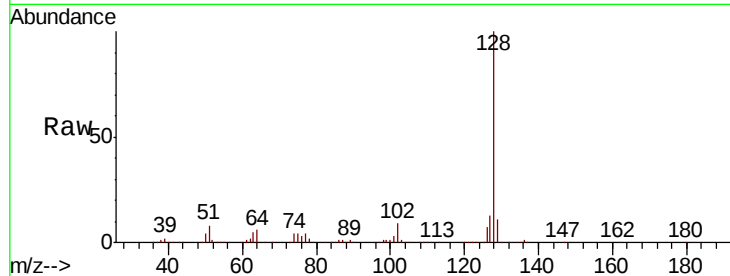
#31  
Naphthalene  
Concen: 21.521 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 552999 |       |       |
| 129     | 10.7  |        | 9.3   | 13.9  |
| 127     | 13.0  |        | 10.9  | 16.3  |

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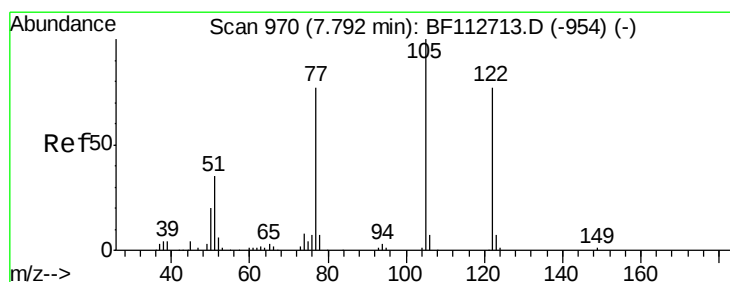
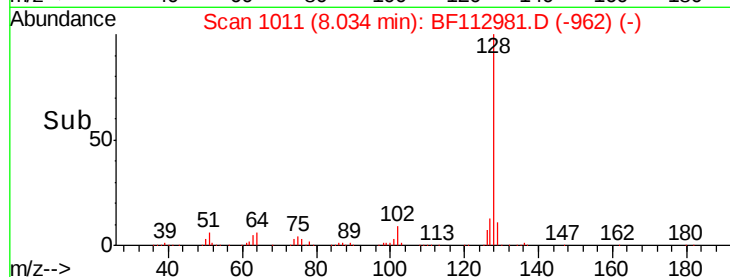
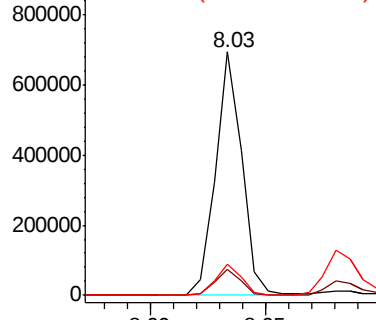


Abundance

Ion 128.00 (127.70 to 128.70): E

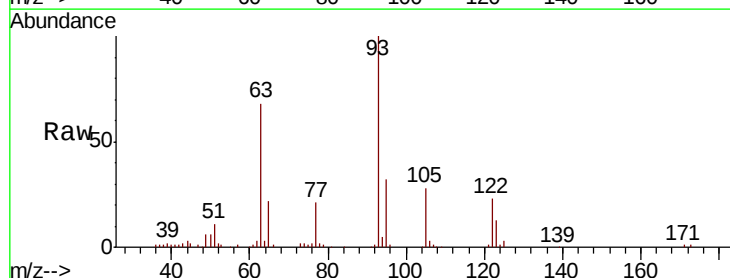
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 16.007 ng  
RT: 7.76 min Scan# 964  
Delta R.T. -0.04 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 83643 |       |       |
| 105     | 121.6 |       | 106.8 | 146.8 |
| 77      | 88.8  |       | 79.4  | 119.4 |

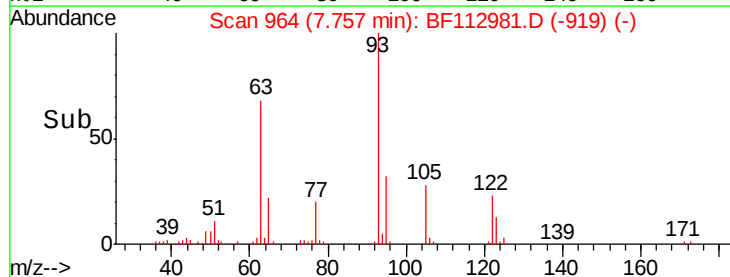
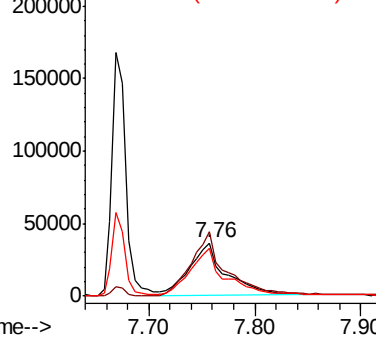


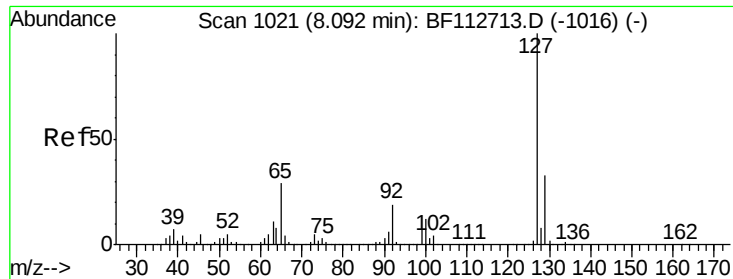
Abundance

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





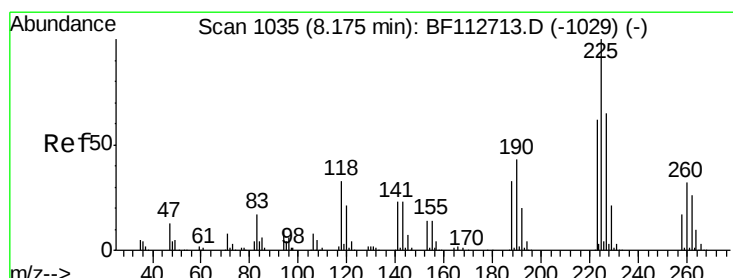
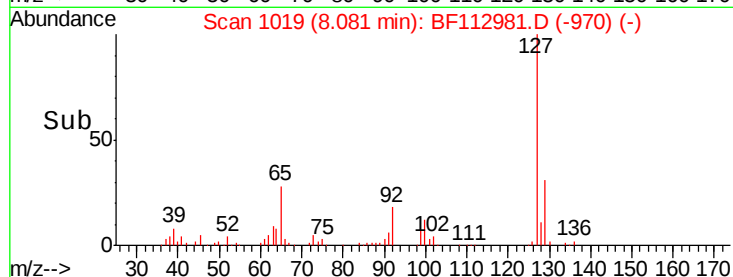
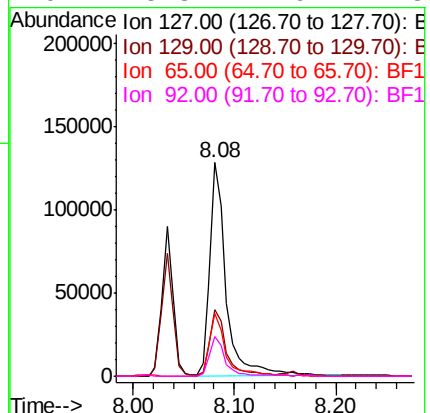
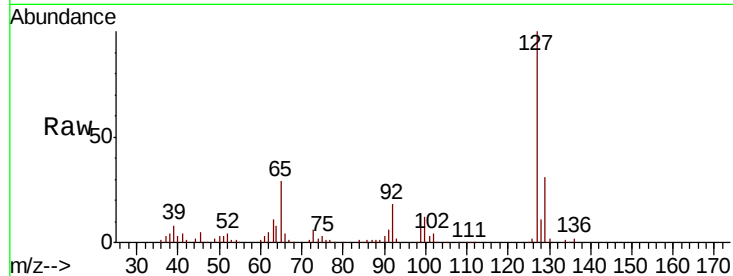
#33  
4-Chloroaniline  
Concen: 13.076 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.5 | 26.4  | 39.6 |       |       |
| 65      | 29.3 | 23.1  | 34.7 |       |       |
| 92      | 18.3 | 14.9  | 22.3 |       |       |

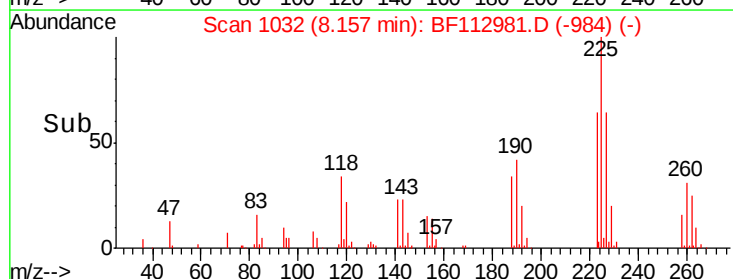
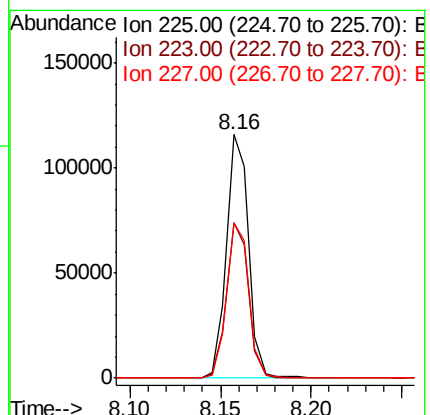
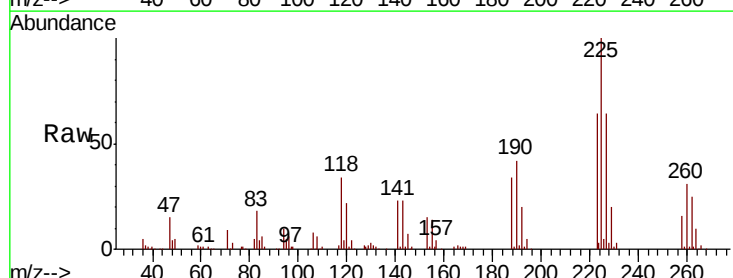
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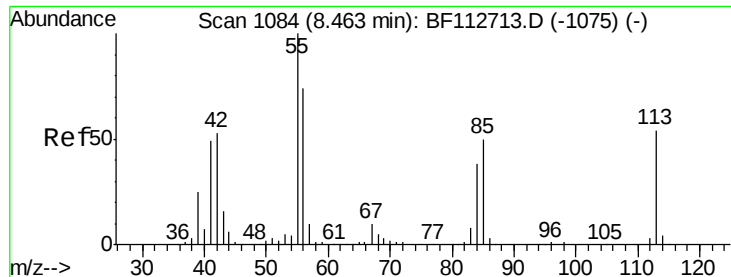
Sohil  
3/12/2019 4:29:10 PM



#34  
Hexachlorobutadiene  
Concen: 22.419 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.02 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.7 | 49.7  | 74.5 |       |       |
| 227     | 64.0 | 52.1  | 78.1 |       |       |





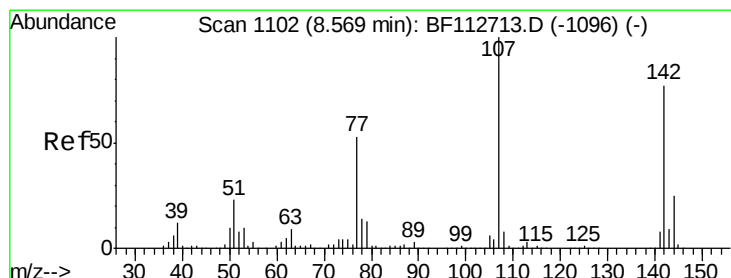
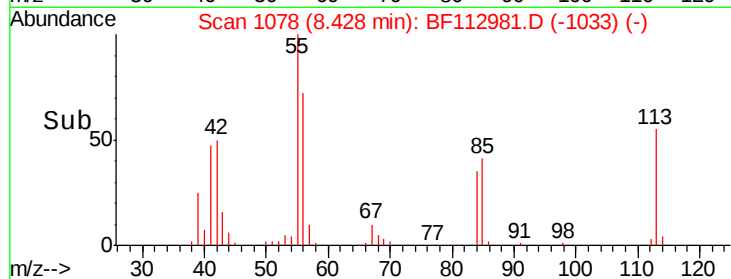
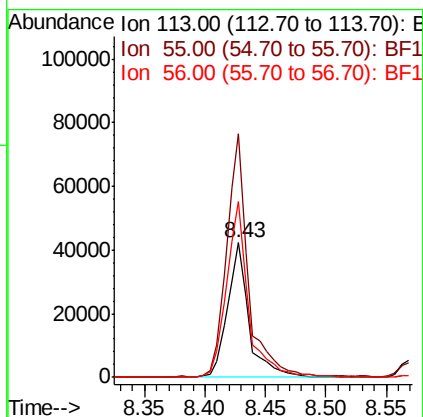
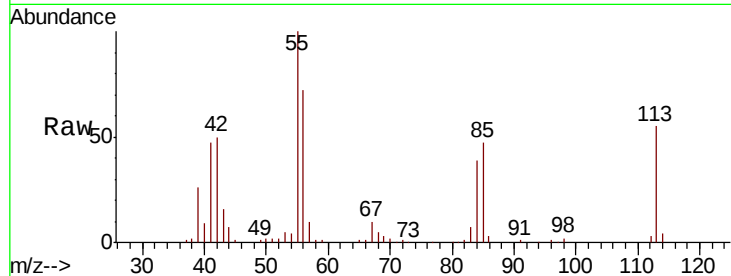
#35  
Caprolactam  
Concen: 20.389 ng  
RT: 8.43 min Scan# 1078  
Delta R.T. -0.04 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 180.8 | 163.5 | 203.5 |
| 56      | 130.2 | 115.3 | 155.3 |

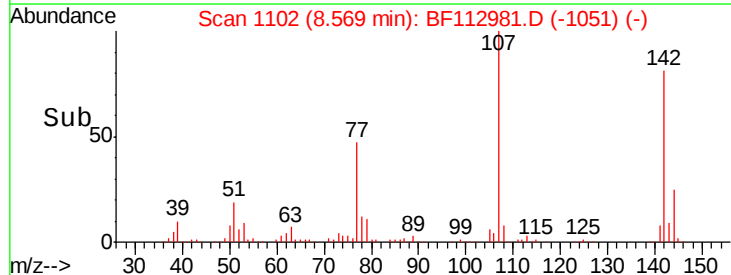
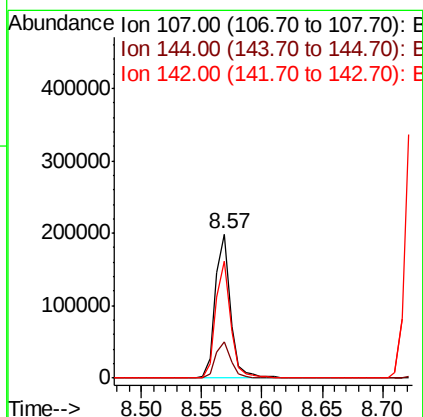
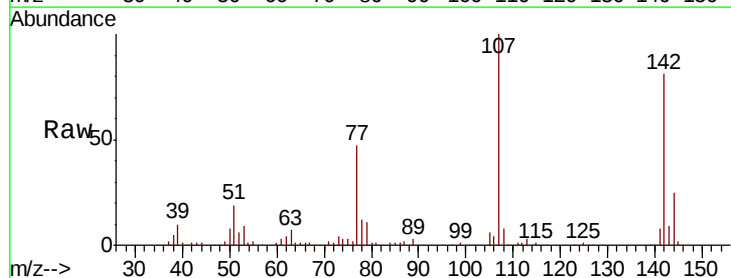
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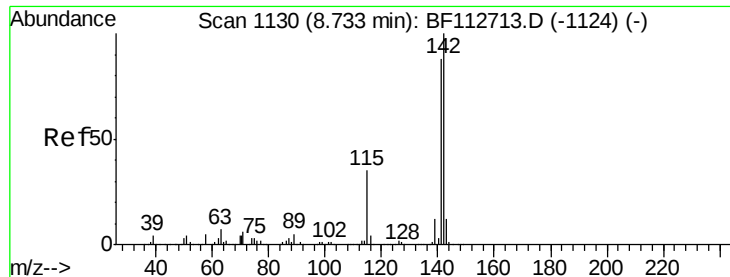
Sohil  
3/12/2019 4:29:10 PM



#36  
4-Chloro-3-methylphenol  
Concen: 21.366 ng  
RT: 8.57 min Scan# 1102  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.4  | 20.1  | 30.1  |
| 142     | 81.1  | 61.9  | 92.9  |





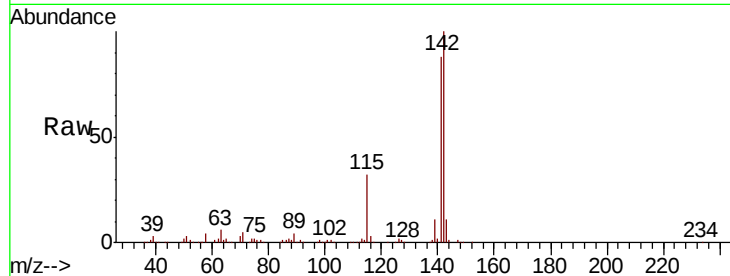
#37  
2-Methylnaphthalene  
Concen: 23.126 ng  
RT: 8.73 min Scan# 1129  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.3  | 105.5 |
| 115     | 31.6  | 27.8  | 41.6  |

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3/12/2019 4:29:10 PM

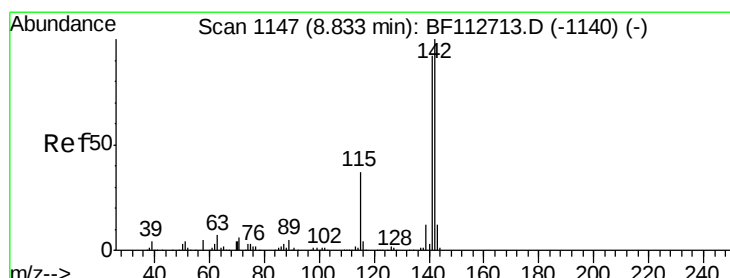
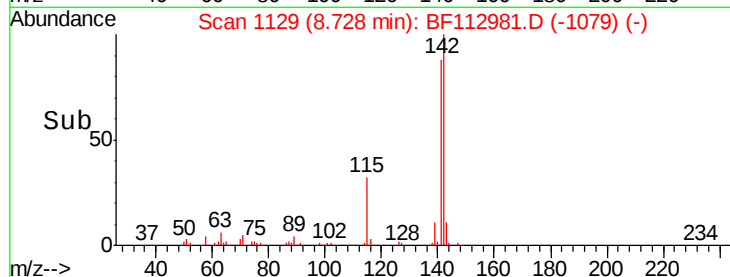
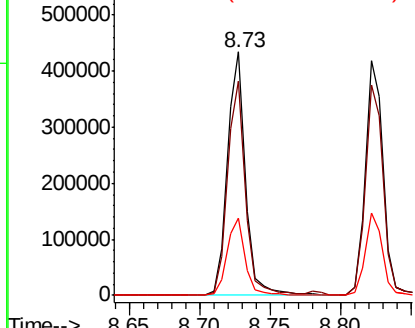


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 22.517 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

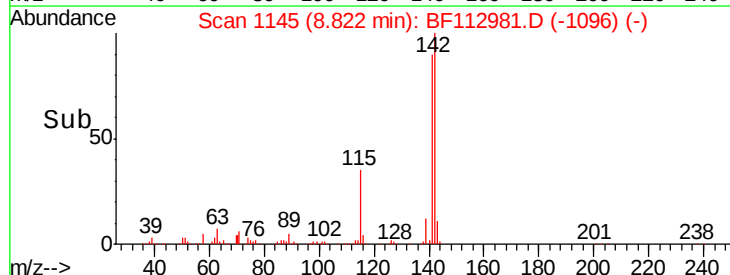
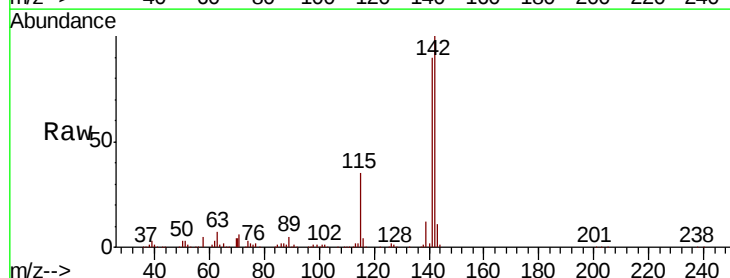
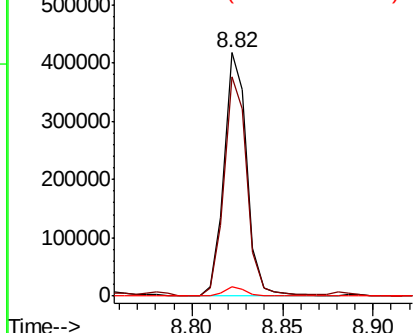
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 73.7  | 110.5 |
| 116     | 3.7   | 3.1   | 4.7   |

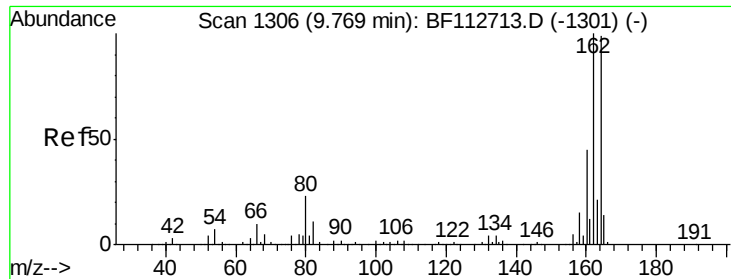
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





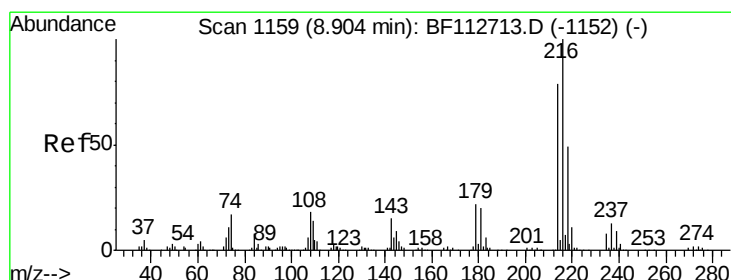
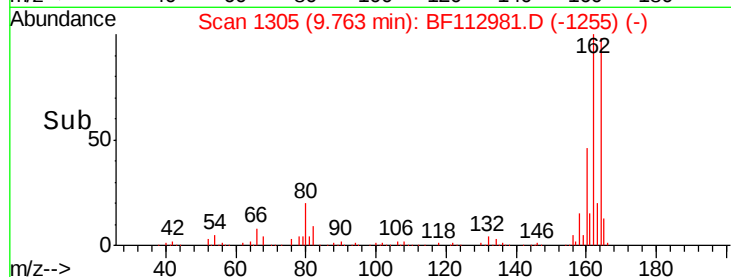
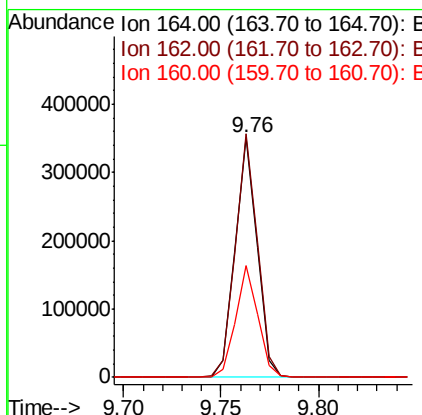
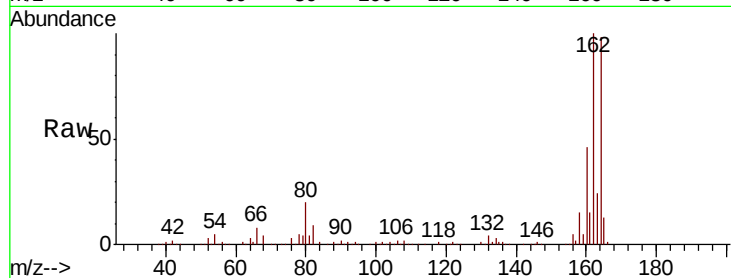
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 80.6  | 120.8 |
| 160     | 46.5  | 36.0  | 54.0  |

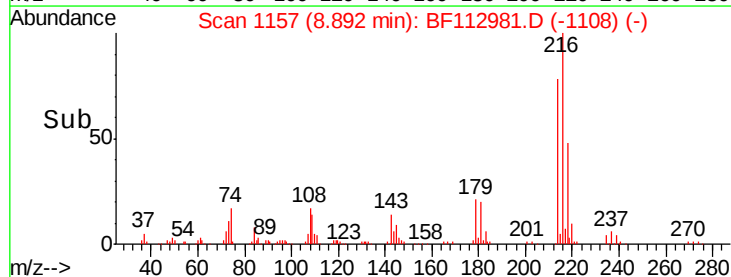
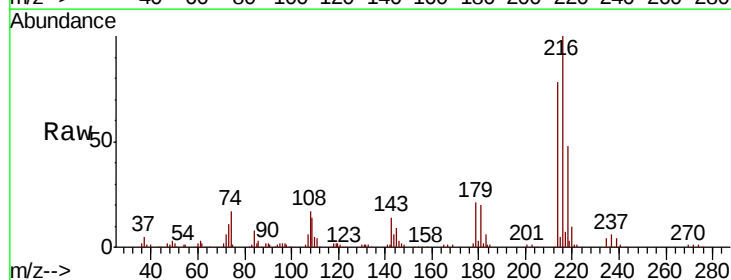
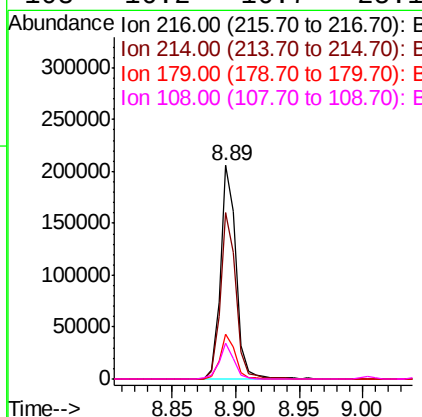
Manual Integrations  
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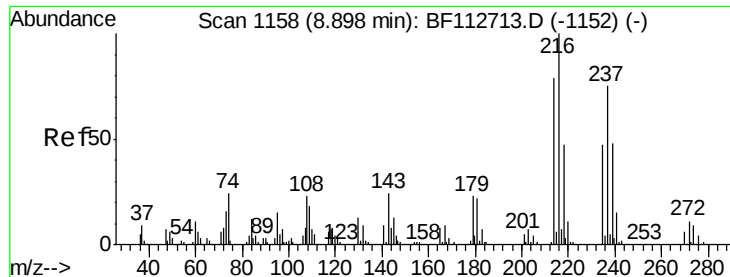
Sohil  
3/12/2019 4:29:10 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 22.147 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.0  | 63.2  | 94.8  |
| 179     | 20.2  | 17.5  | 26.3  |
| 108     | 16.2  | 16.7  | 25.1# |





#41

Hexachlorocyclopentadiene

Concen: 10.498 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

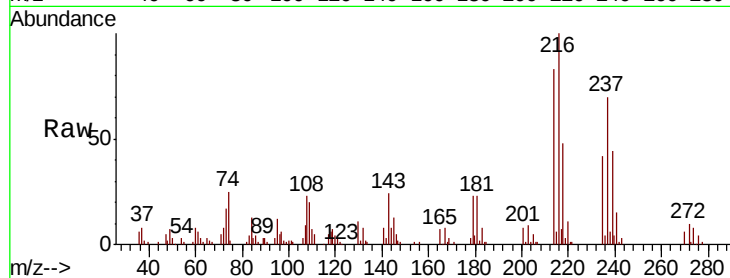
ClientSampleId :

PST-028-B011-030619MS

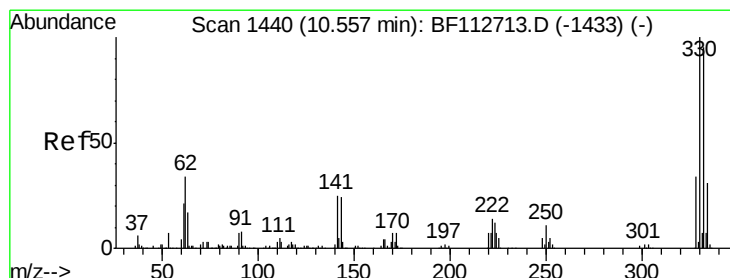
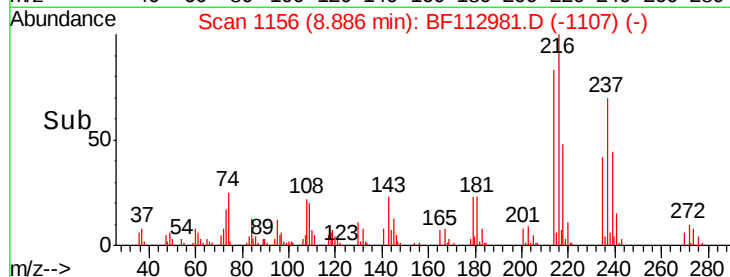
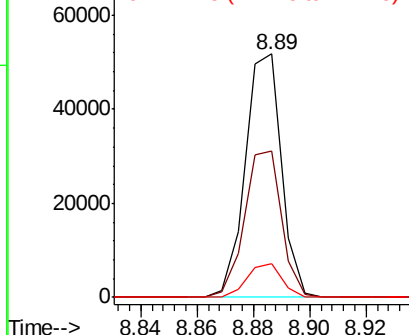
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 46050 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.3  | 42.2  | 82.2  |
| 272       | 14.1  | 0.0   | 34.0  |

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



#42

2,4,6-Tribromophenol

Concen: 79.829 ng

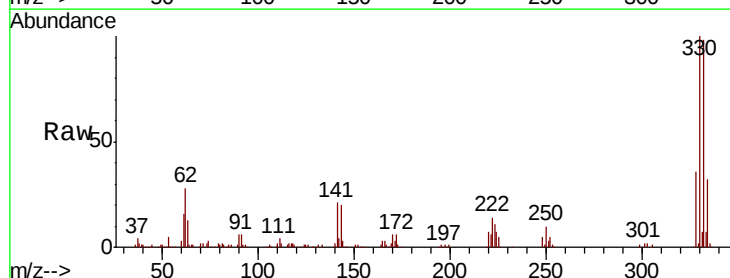
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

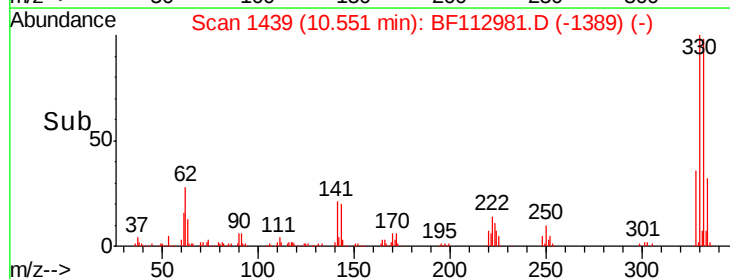
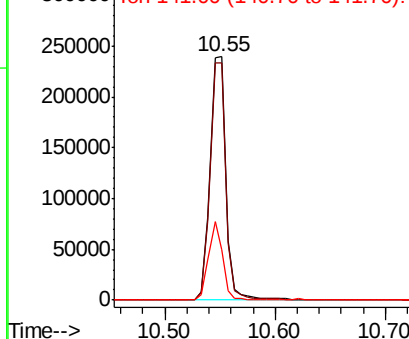
Lab File: BF112981.D

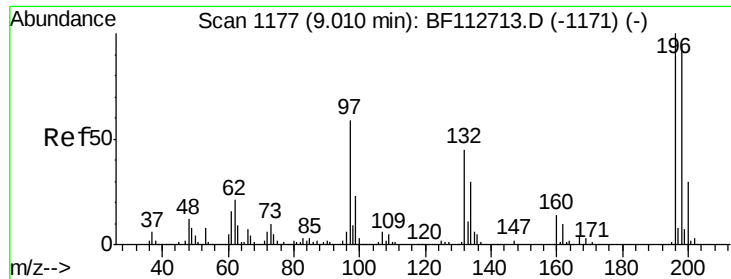
Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 232813 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.4  | 76.2  | 114.4  |
| 141       | 28.4  | 27.0  | 40.6   |



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





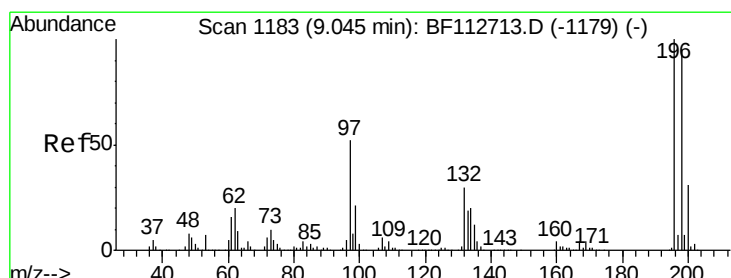
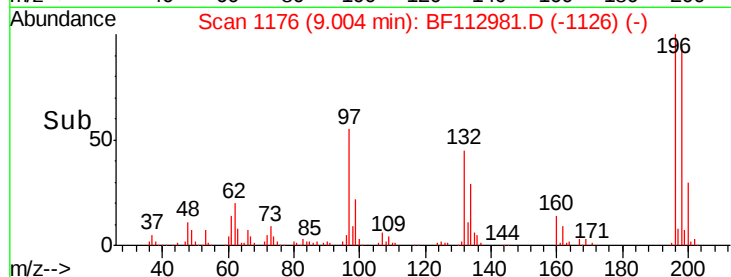
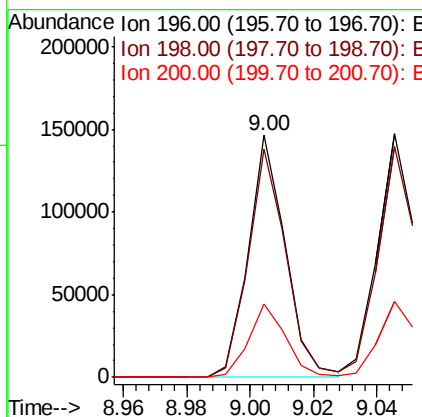
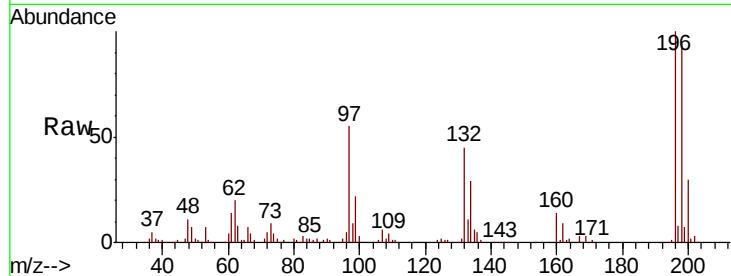
#43  
 2,4,6-Trichlorophenol  
 Concen: 21.629 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 119247 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.5  | 75.8  | 113.8  |
| 200       | 30.2  | 24.3  | 36.5   |

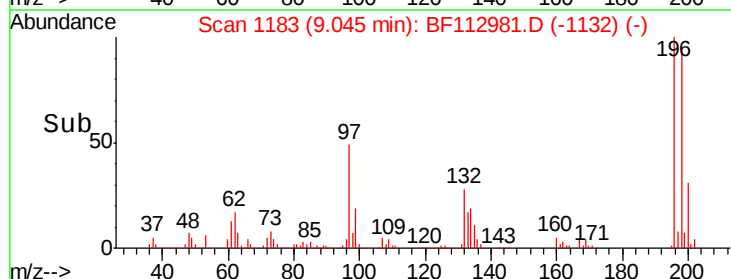
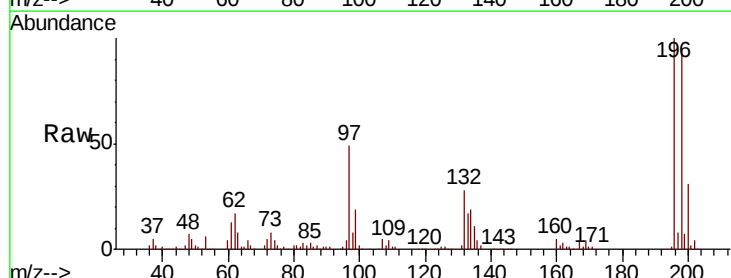
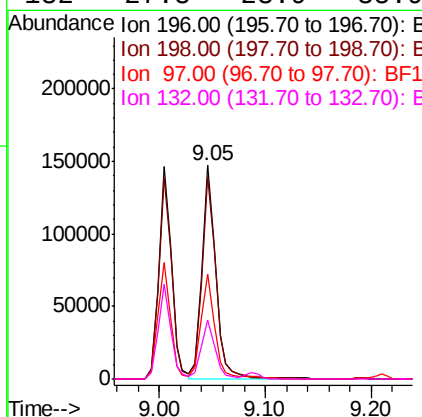
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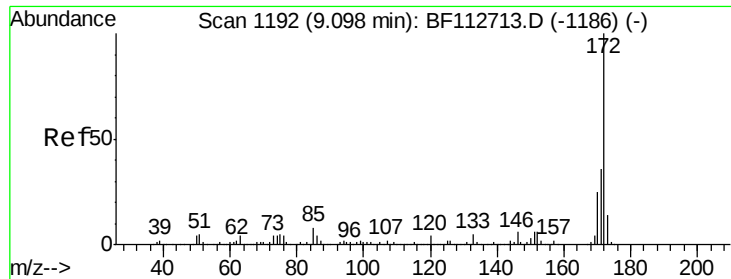
Sohil  
 3/12/2019 4:29:10 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 22.644 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 134939 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.9  | 76.2  | 114.2  |
| 97        | 48.9  | 41.5  | 62.3   |
| 132       | 27.8  | 23.9  | 35.9   |





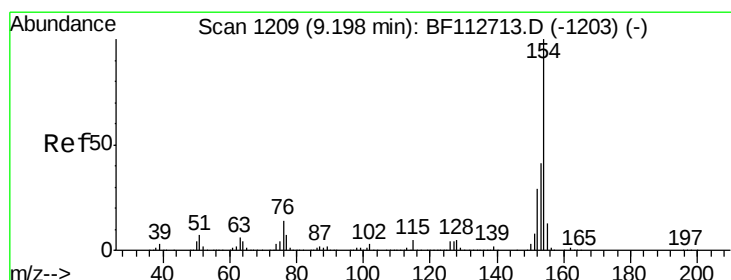
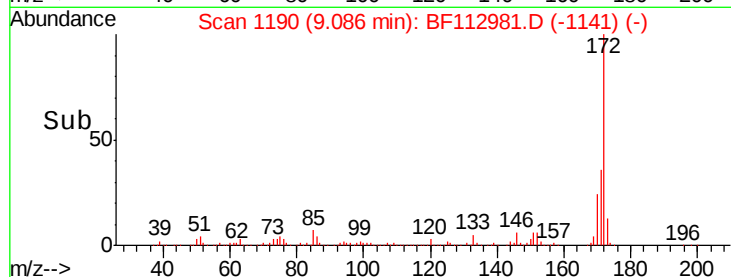
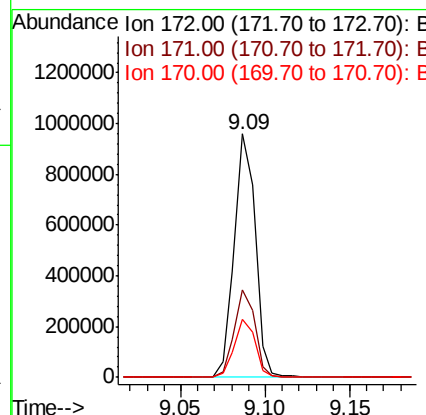
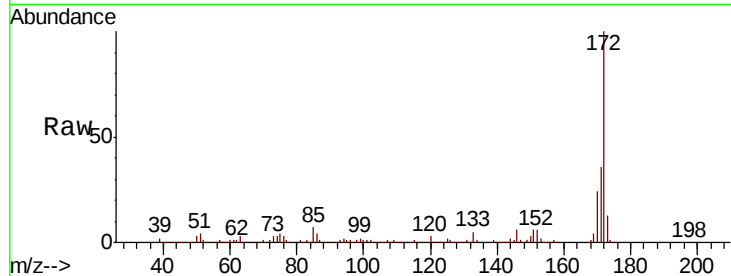
#45  
2-Fluorobiphenyl  
Concen: 44.253 ng  
RT: 9.09 min Scan# 1190  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.0  | 43.4  |
| 170     | 24.0  | 20.0  | 30.0  |

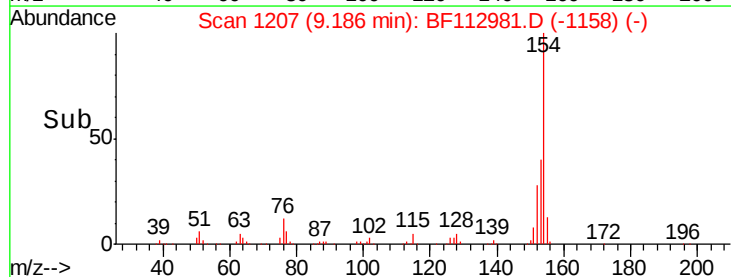
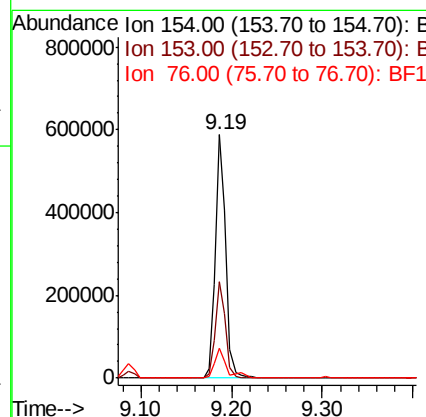
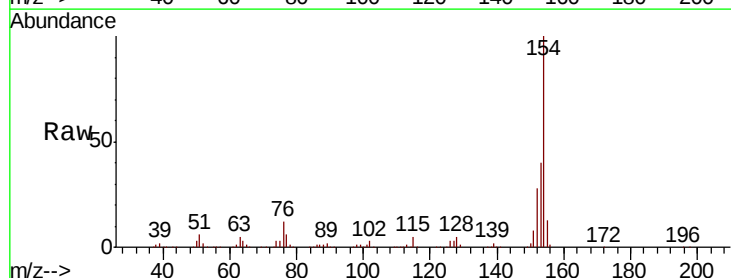
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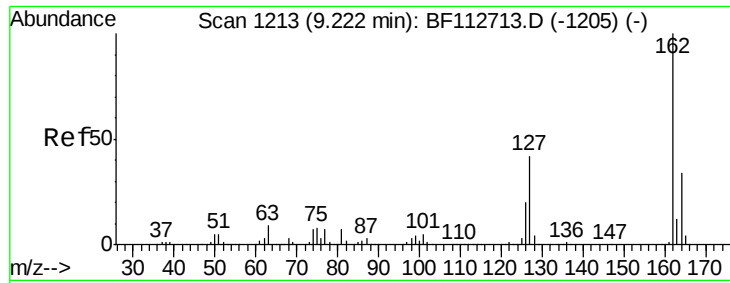
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#46  
1,1'-Biphenyl  
Concen: 21.294 ng  
RT: 9.19 min Scan# 1207  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 20.8  | 60.8  |
| 76      | 12.3  | 0.0   | 33.8  |





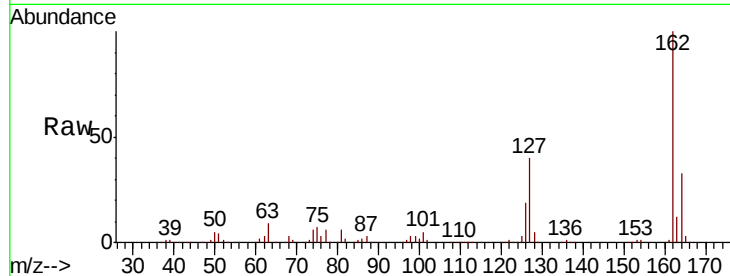
#47  
2-Chloronaphthalene  
Concen: 20.918 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 40.3  | 33.4       | 50.2  |
| 164     | 32.8  | 26.9       | 40.3  |

Manual Integrations  
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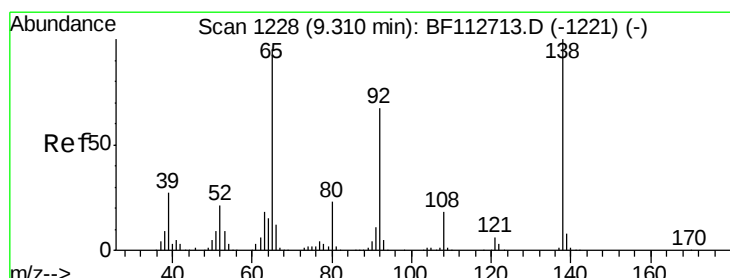
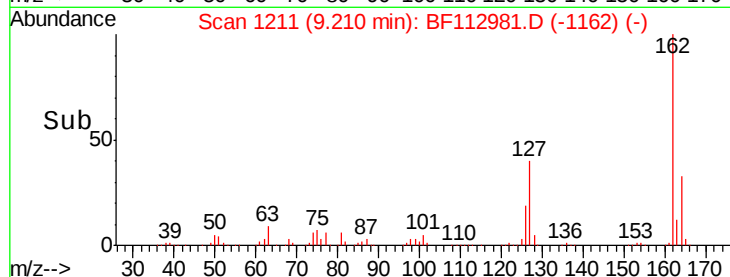
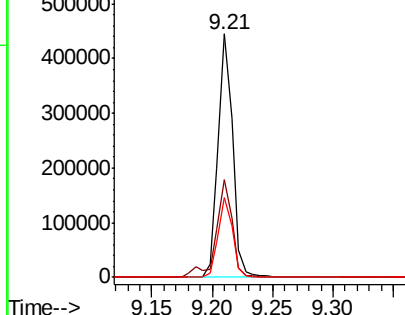


Abundance

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: 21.924 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

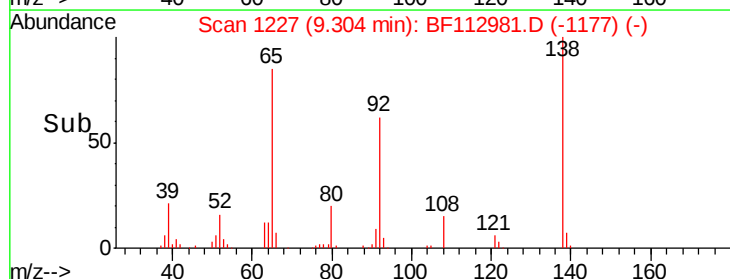
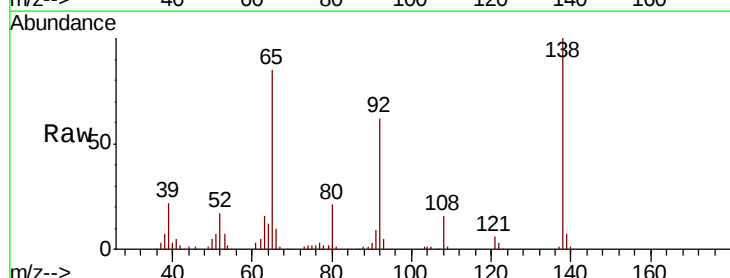
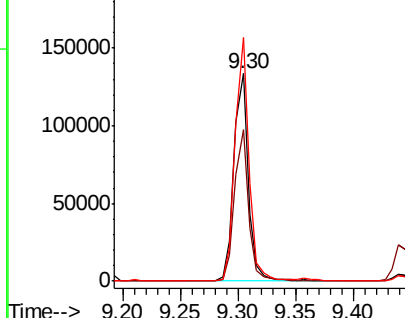
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 72.8  | 56.4       | 84.6  |
| 138     | 117.3 | 84.6       | 126.8 |

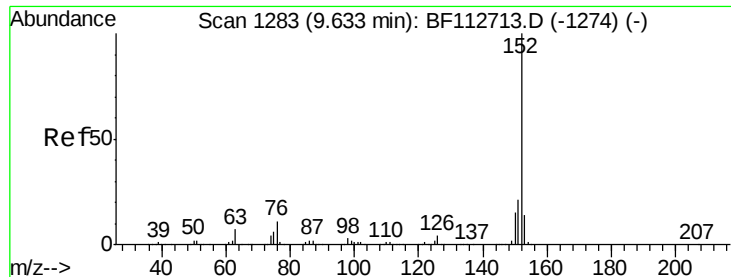
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





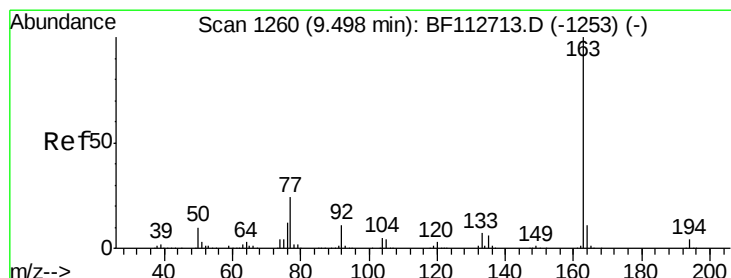
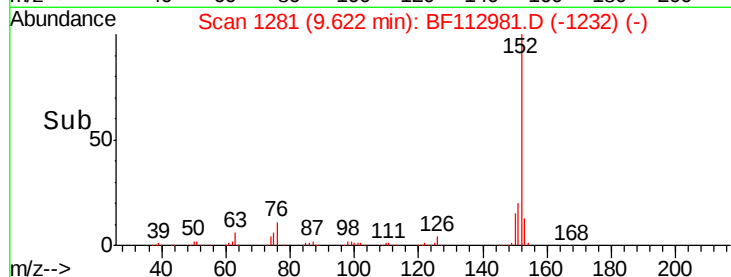
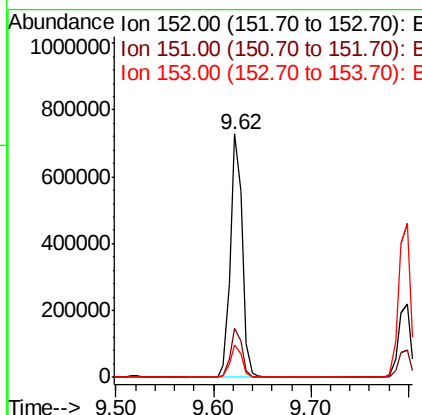
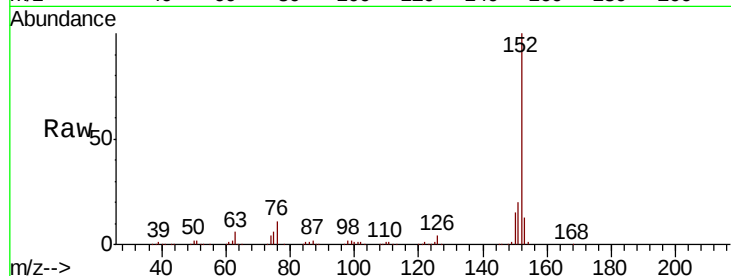
#49  
Acenaphthylene  
Concen: 20.614 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 16.9  | 25.3  |
| 153     | 13.2  | 11.0  | 16.6  |

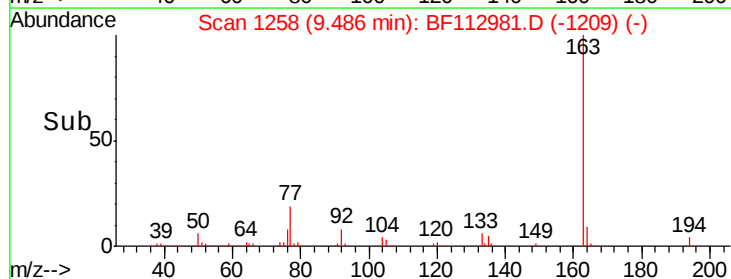
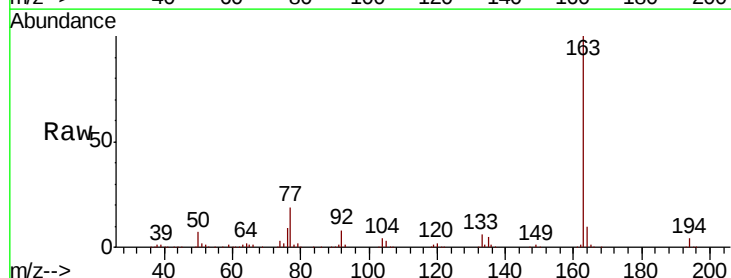
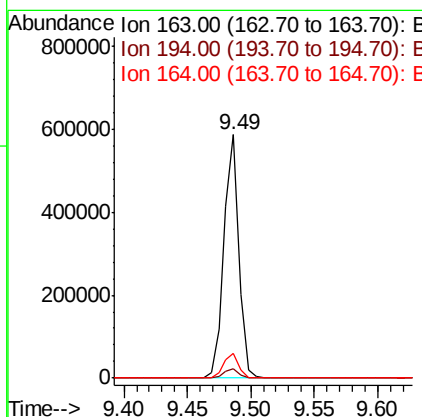
Manual Integrations  
APPROVED

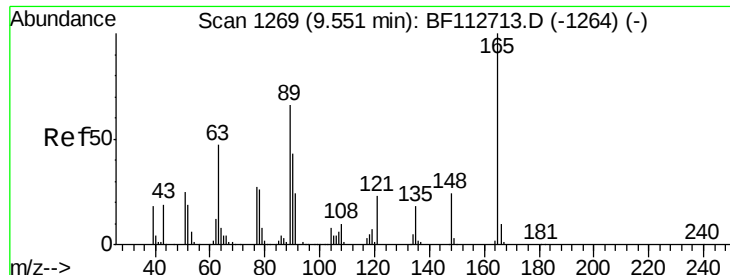
Sohil  
3/12/2019 4:29:10 PM



#50  
Dimethylphthalate  
Concen: 23.842 ng  
RT: 9.49 min Scan# 1258  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.0   | 4.4   |
| 164     | 10.0  | 8.4   | 12.6  |





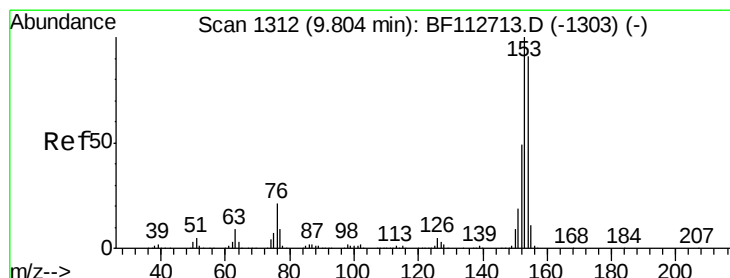
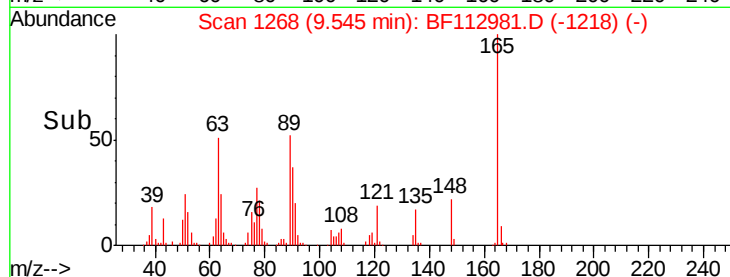
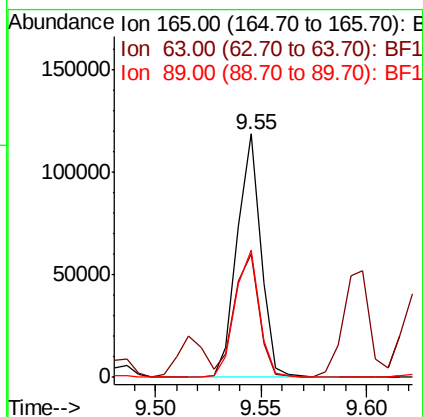
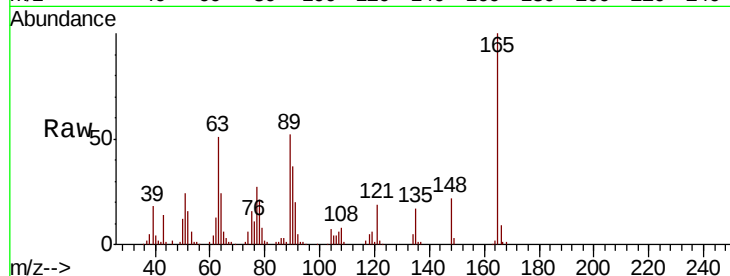
#51  
2,6-Dinitrotoluene  
Concen: 21.818 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 50.6  | 54.1 | 81.1# |       |
| 89      | 52.3  | 52.8 | 79.2# |       |

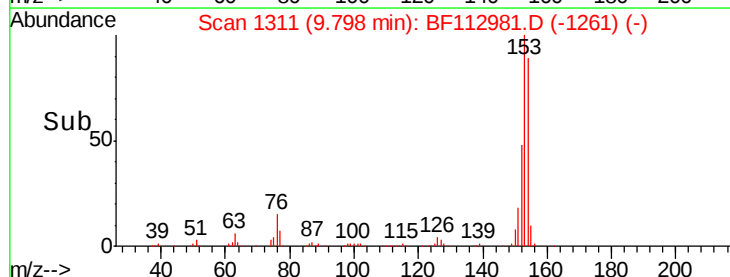
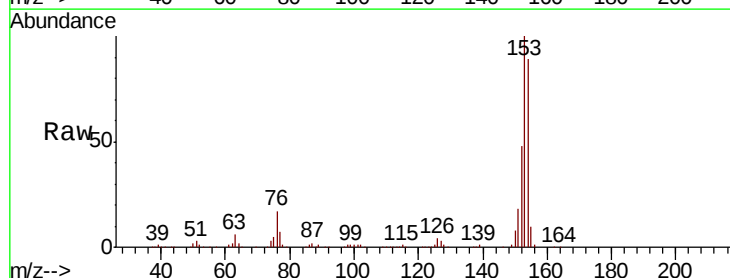
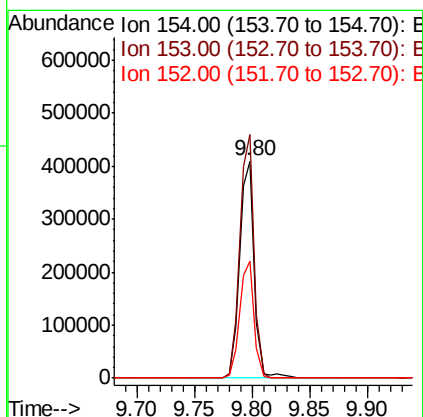
Manual Integrations  
APPROVED

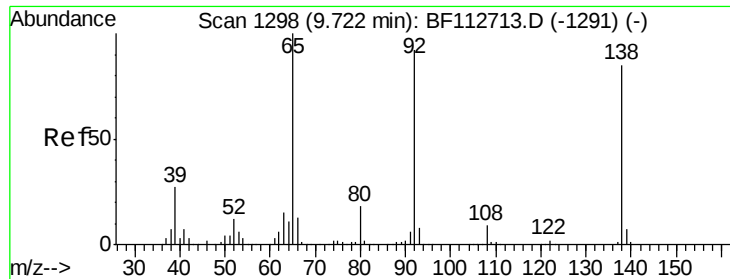
Sohil  
3/12/2019 4:29:10 PM



#52  
Acenaphthene  
Concen: 20.788 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.0 | 87.8 | 131.8 |       |
| 152     | 53.6  | 43.0 | 64.6  |       |





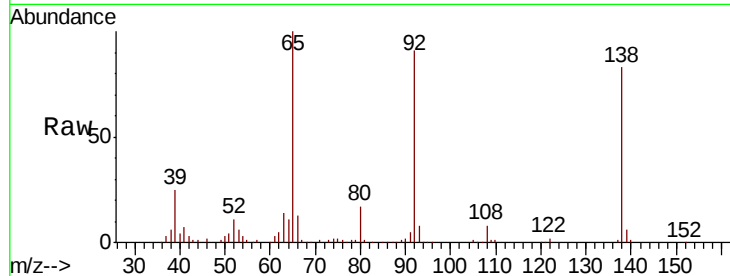
#53  
3-Nitroaniline  
Concen: 19.206 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 8.6   | 13.0  |
| 92      | 110.1 | 86.6  | 129.8 |

Manual Integrations  
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Sohil  
3/12/2019 4:29:10 PM

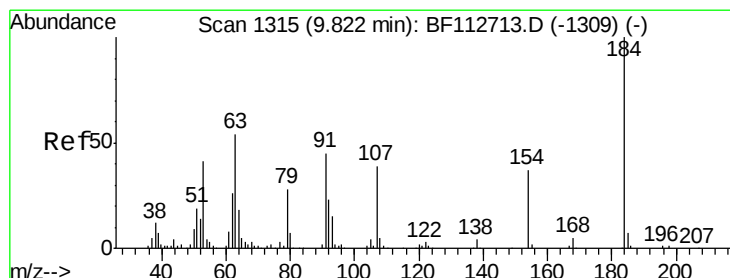
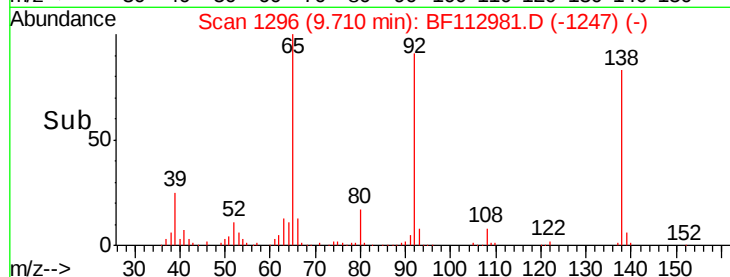
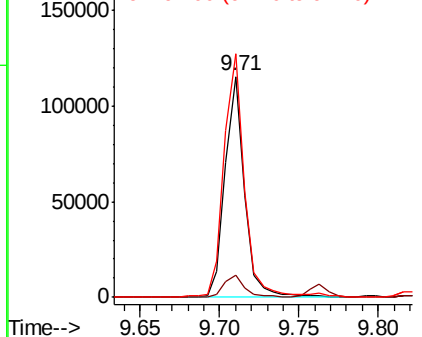


Abundance

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: 13.579 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

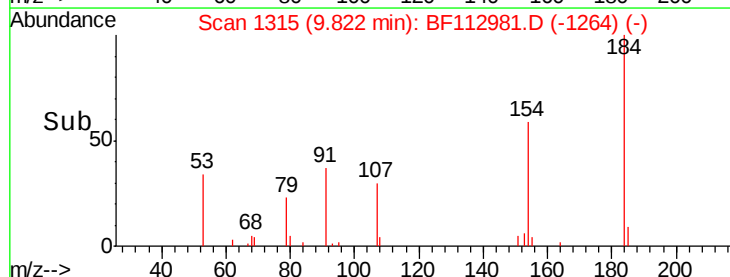
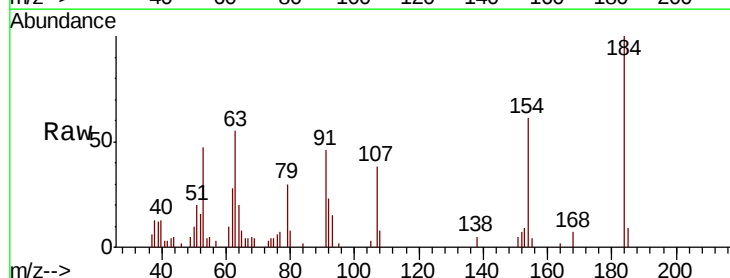
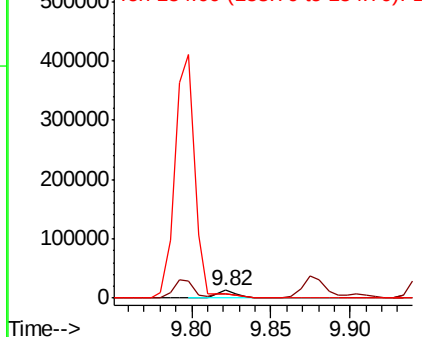
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 54.8  | 45.3  | 67.9  |
| 154     | 61.3  | 46.0  | 69.0  |

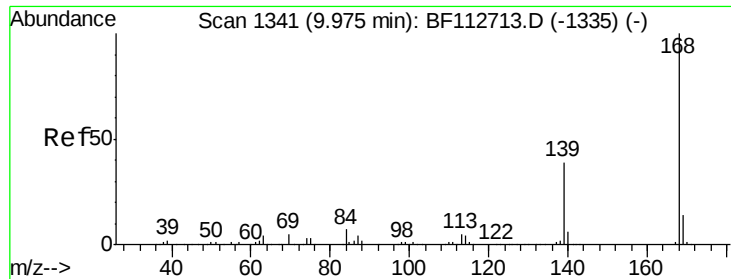
Abundance

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





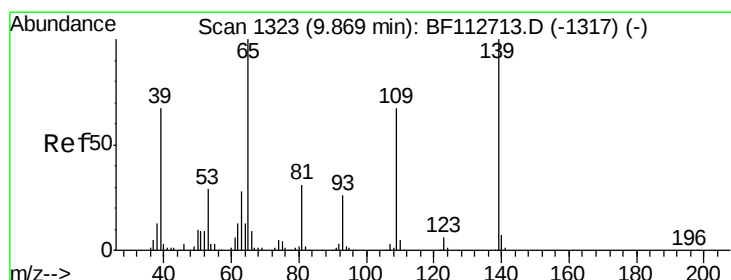
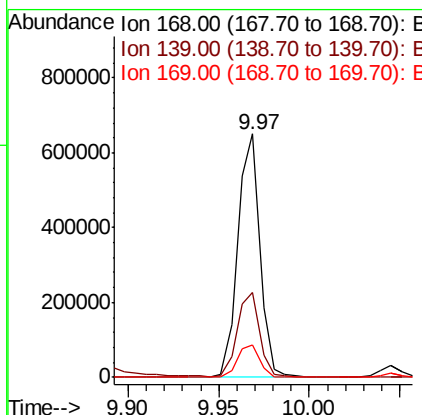
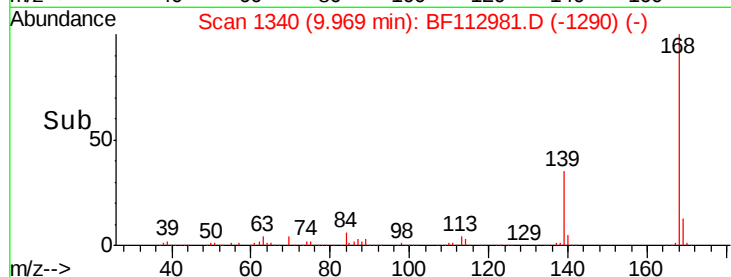
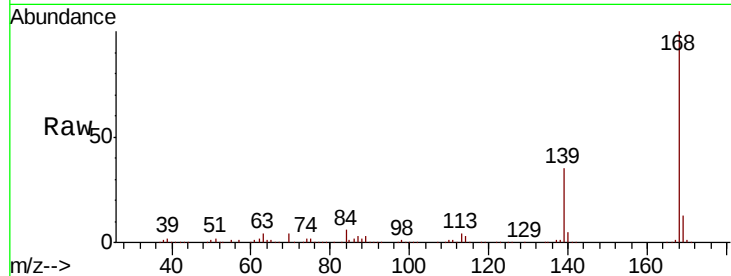
#55  
Dibenzenofuran  
Concen: 21.888 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 35.0  |      | 31.3  | 46.9  |
| 169     | 13.3  |      | 11.3  | 16.9  |

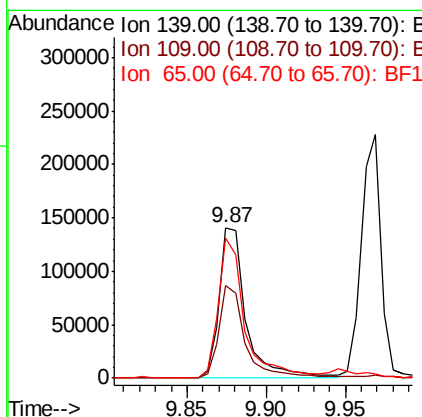
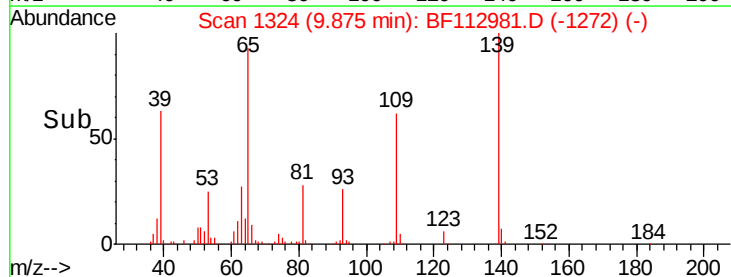
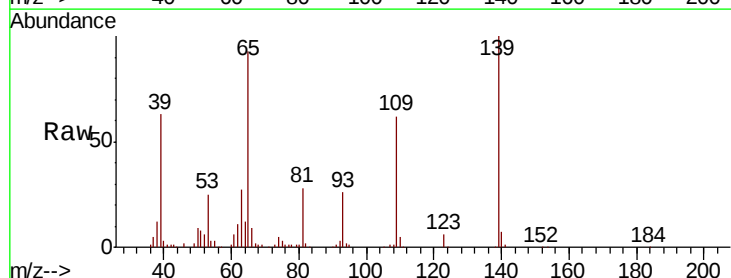
Manual Integrations  
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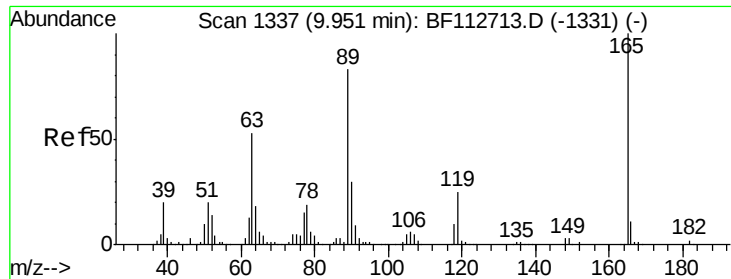
Sohil  
3/12/2019 4:29:10 PM



#56  
4-Nitrophenol  
Concen: 39.665 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 61.8  |      | 46.8  | 86.8  |
| 65      | 93.4  |      | 80.7  | 120.7 |





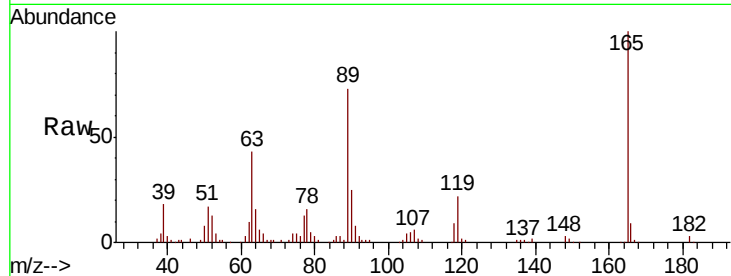
#57  
2,4-Dinitrotoluene  
Concen: 24.171 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

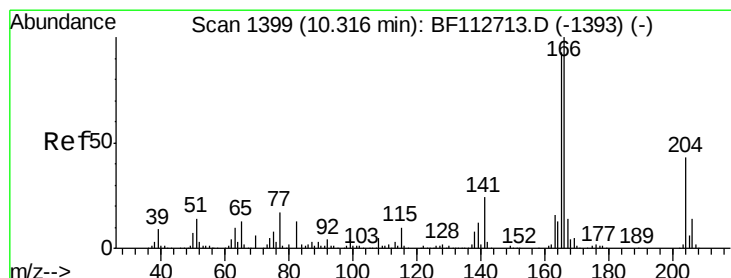
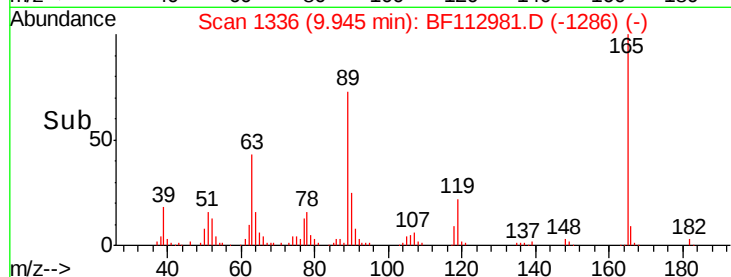
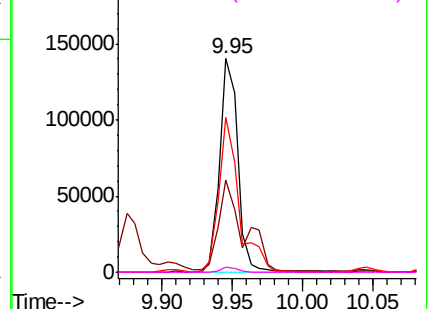
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 126734 |       |       |
| 63      | 43.1 |       | 42.2   | 63.2  |       |
| 89      | 72.7 |       | 66.2   | 99.4  |       |
| 182     | 2.6  |       | 1.8    | 2.6   |       |

Manual Integrations  
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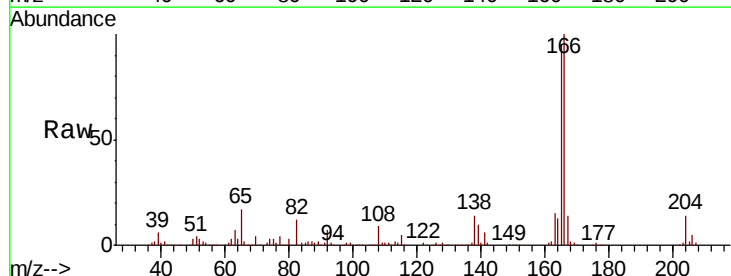


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

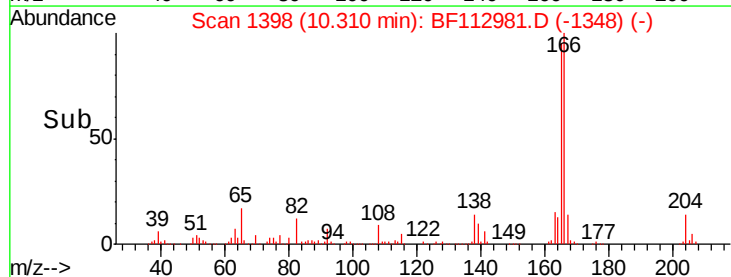
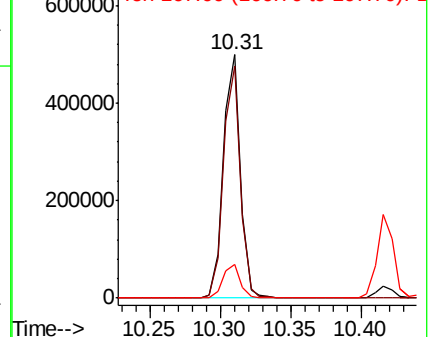


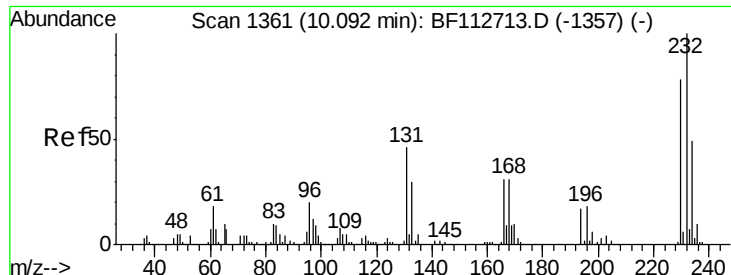
#58  
Fluorene  
Concen: 23.367 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 418691 |       |       |
| 165     | 95.5 |       | 74.7   | 112.1 |       |
| 167     | 13.7 |       | 11.0   | 16.6  |       |



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





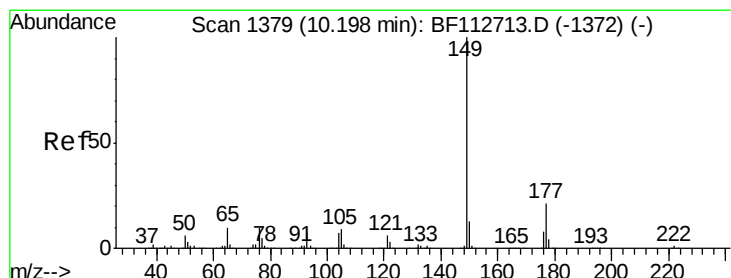
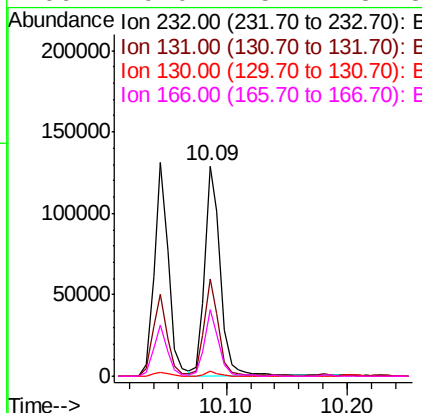
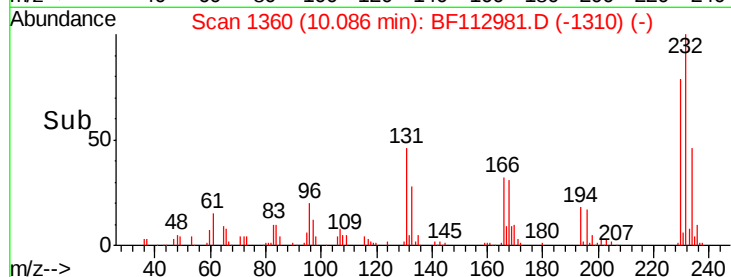
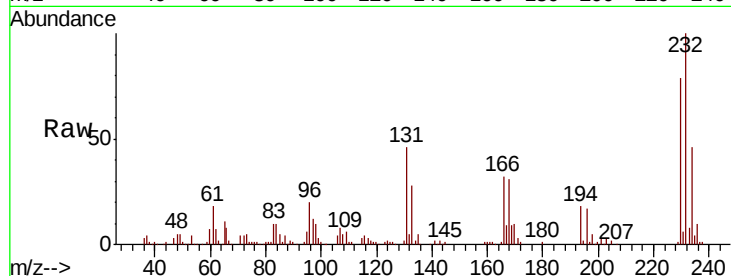
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 23.431 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 116331 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 43.9  | 38.7  | 58.1   |
| 130       | 2.0   | 1.9   | 2.9    |
| 166       | 29.0  | 25.2  | 37.8   |

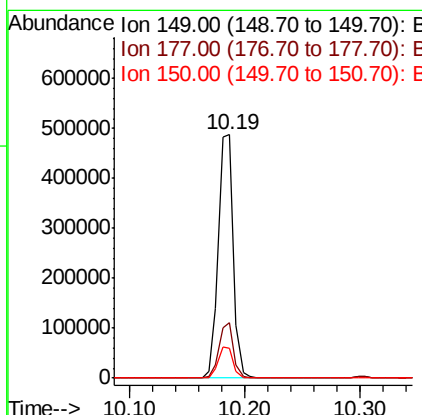
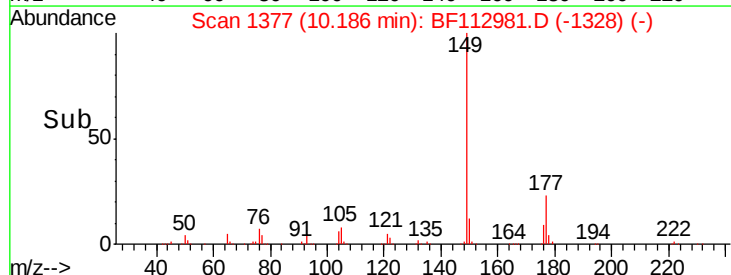
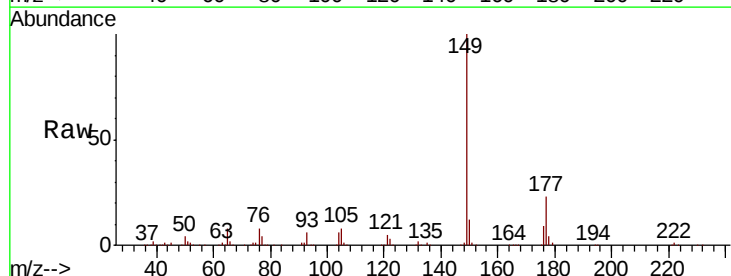
Manual Integrations  
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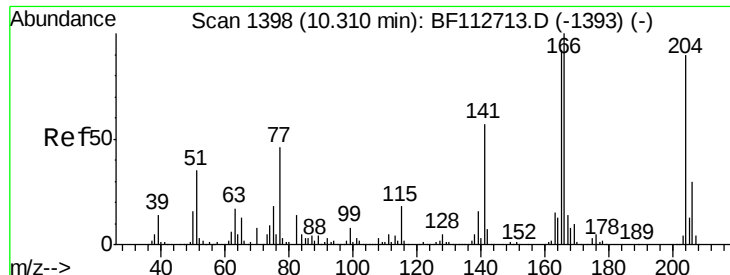
Sohil  
3/12/2019 4:29:10 PM



#60  
Diethylphthalate  
Concen: 20.719 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 443247 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.0  | 17.0  | 25.6   |
| 150       | 12.1  | 10.0  | 15.0   |





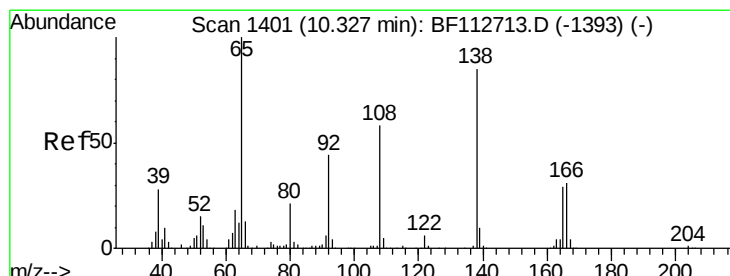
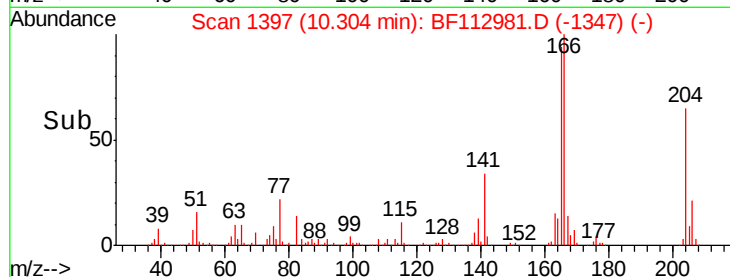
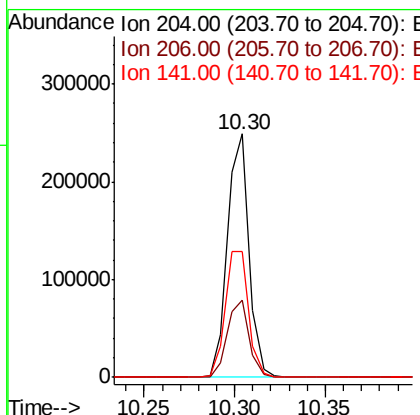
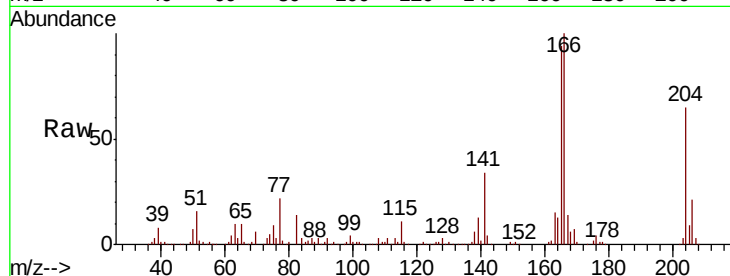
#61  
4-Chlorophenyl-phenylether  
Concen: 24.850 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 207167 |       |       |
| 206     | 31.7  | 26.6   | 40.0  |       |
| 141     | 51.9  | 50.8   | 76.2  |       |

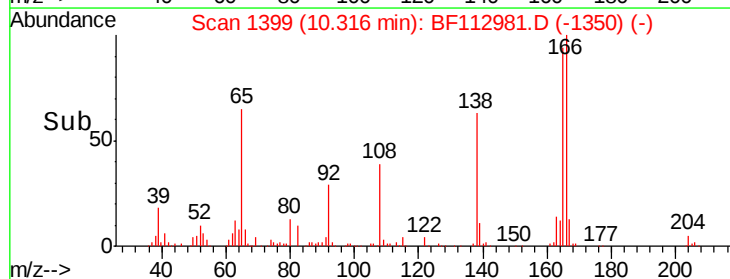
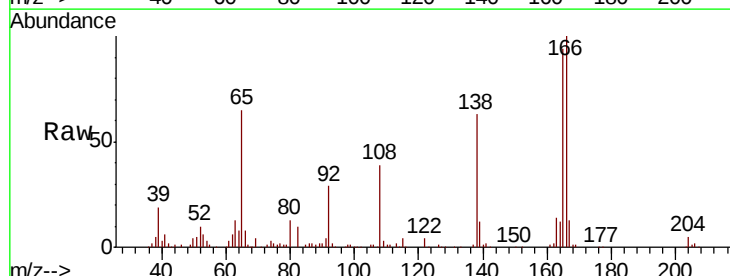
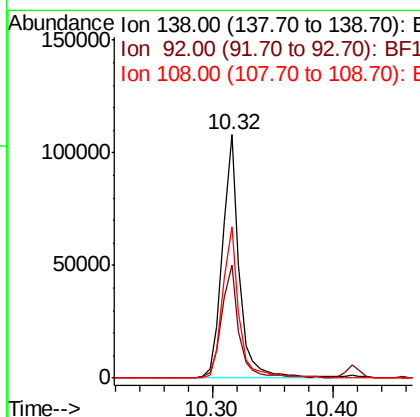
Manual Integrations  
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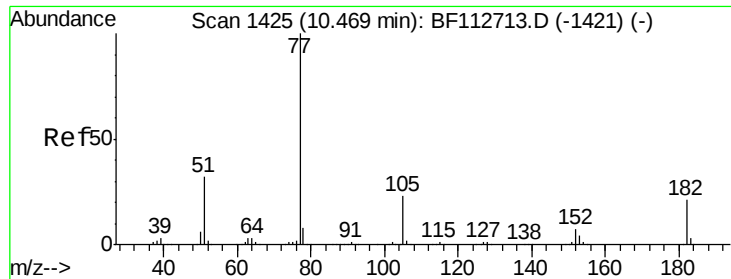
Sohil  
3/12/2019 4:29:10 PM



#62  
4-Nitroaniline  
Concen: 21.949 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 104246 |       |       |
| 92      | 46.5  | 31.3   | 71.3  |       |
| 108     | 62.1  | 48.1   | 88.1  |       |





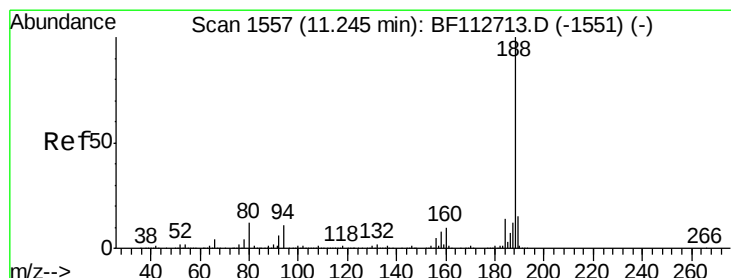
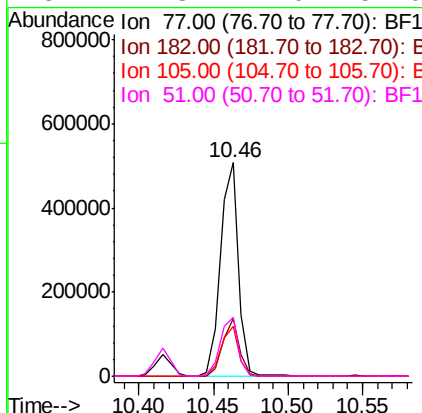
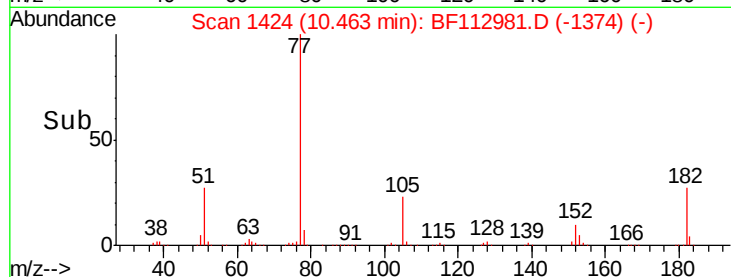
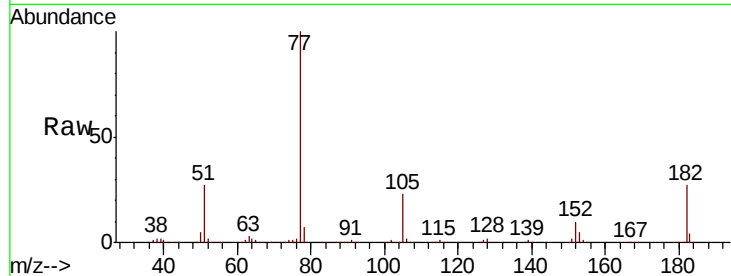
#63  
Azobenzene  
Concen: 19.581 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 1.4   | 41.4  |
| 105     | 23.3  | 2.6   | 42.6  |
| 51      | 27.3  | 12.0  | 52.0  |

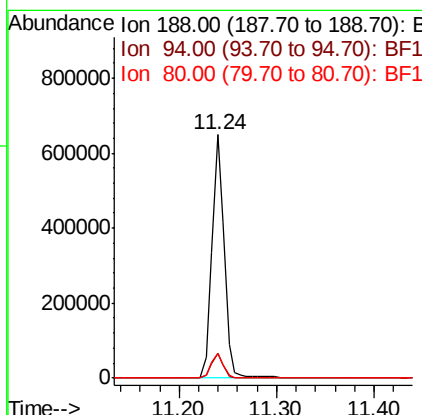
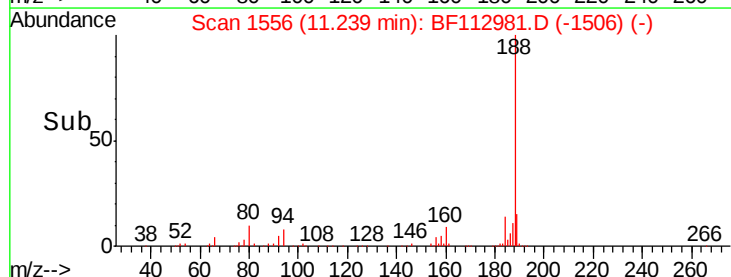
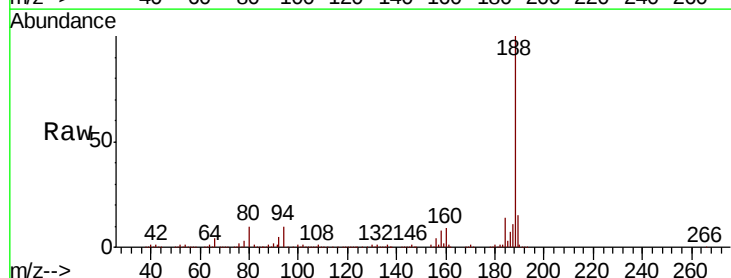
Manual Integrations  
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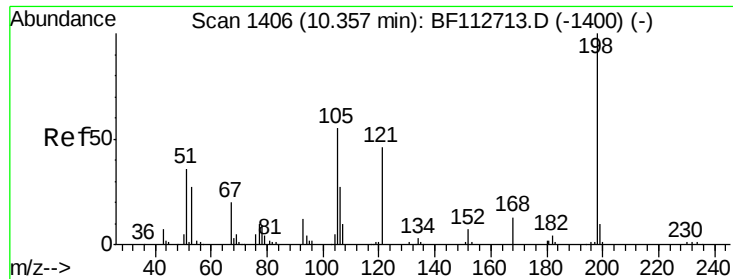
Sohil  
3/12/2019 4:29:10 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.1  | 9.0   | 13.4  |
| 80      | 10.4  | 9.2   | 13.8  |





#65

4,6-Dinitro-2-methylphenol

Concen: 9.029 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

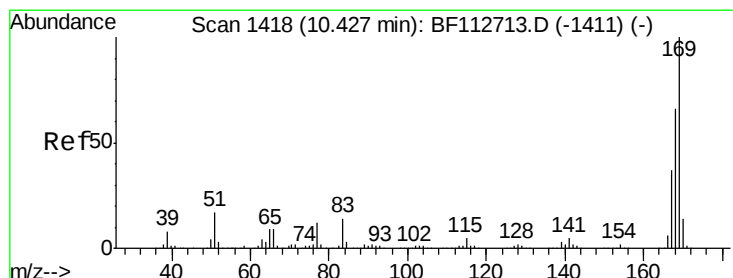
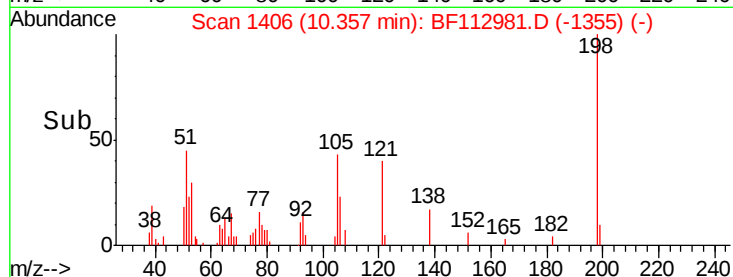
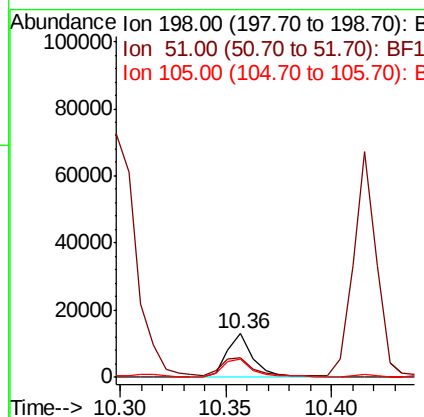
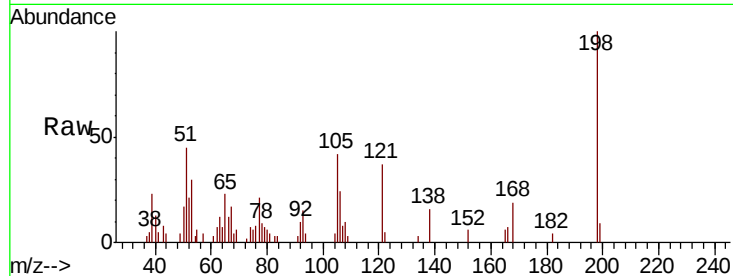
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 11335 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 44.6  | 43.8  | 83.8  |
| 105       | 42.4  | 36.5  | 76.5  |

Manual Integrations  
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3/12/2019 4:29:10 PM



#66

n-Nitrosodiphenylamine

Concen: 21.113 ng

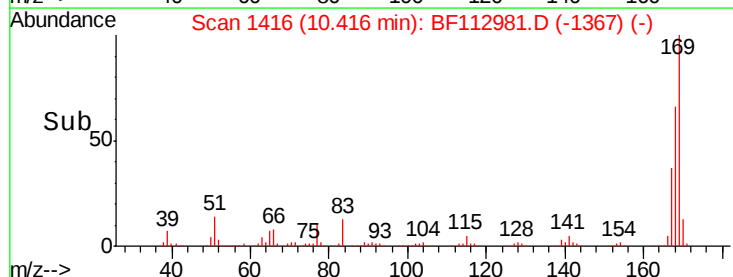
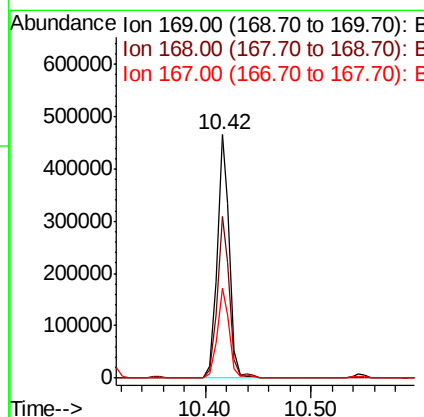
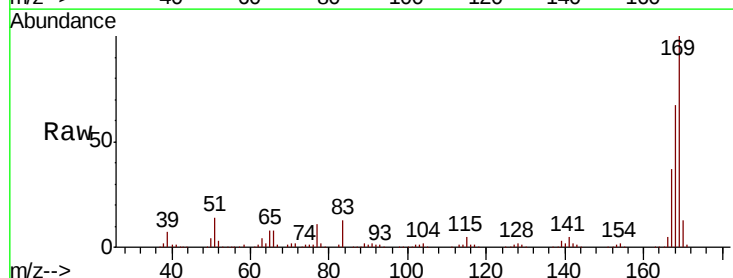
RT: 10.42 min Scan# 1416

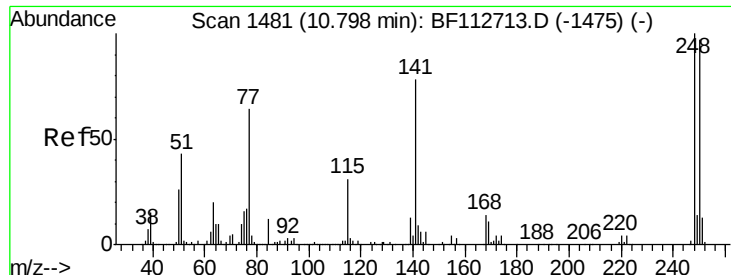
Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 382336 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.5  | 53.0  | 79.6   |
| 167       | 36.8  | 29.3  | 43.9   |





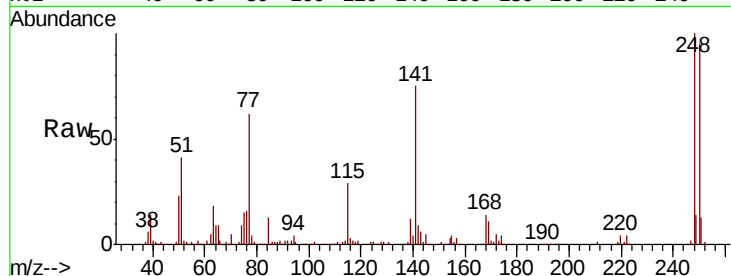
#67  
 4-Bromophenyl-phenylether  
 Concen: 22.321 ng  
 RT: 10.79 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.1  | 77.5  | 116.3 |
| 141     | 74.7  | 62.4  | 93.6  |

Manual Integrations  
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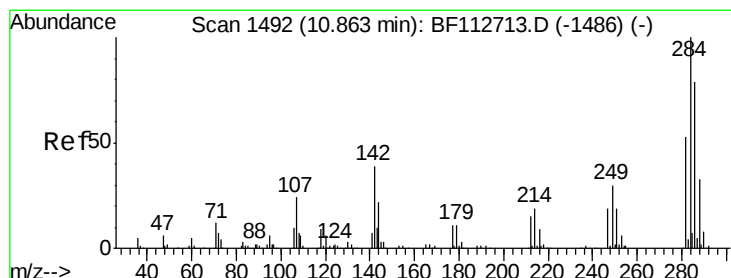
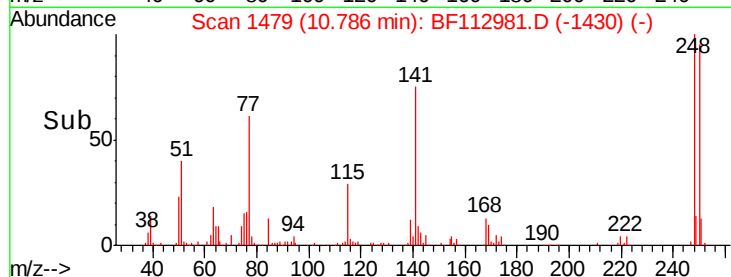
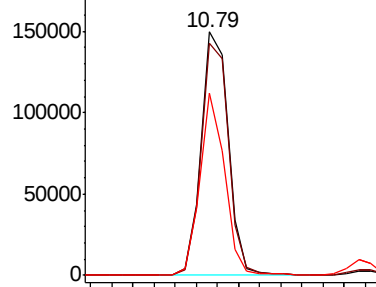


Abundance

Ion 248.00 (247.70 to 248.70): E

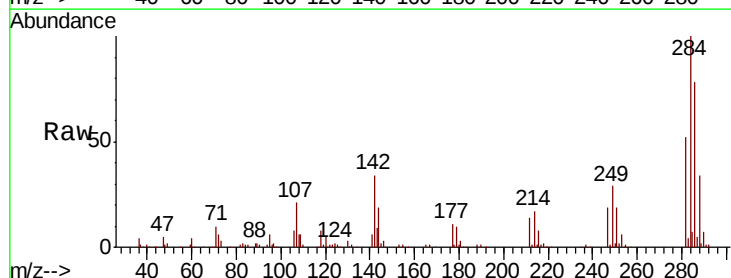
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 22.783 ng  
 RT: 10.86 min Scan# 1491  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.8  | 31.0  | 46.6  |
| 249     | 29.2  | 23.6  | 35.4  |

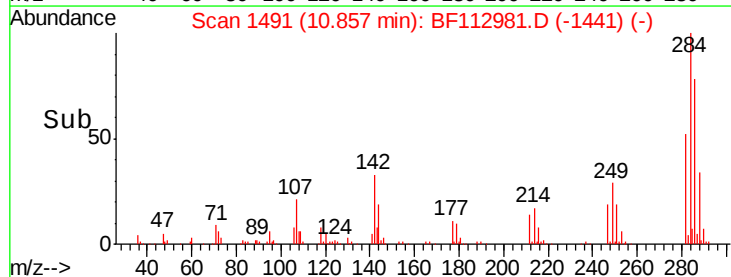
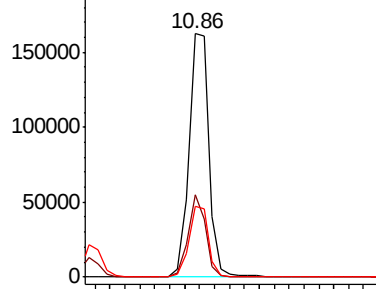


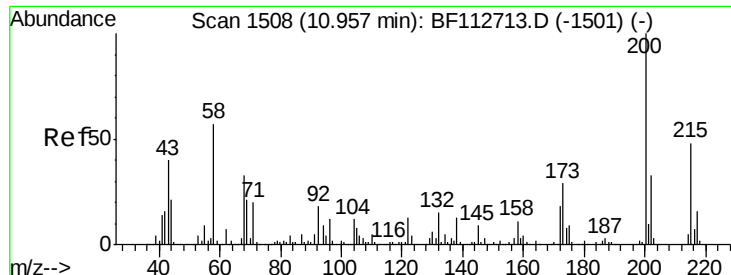
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





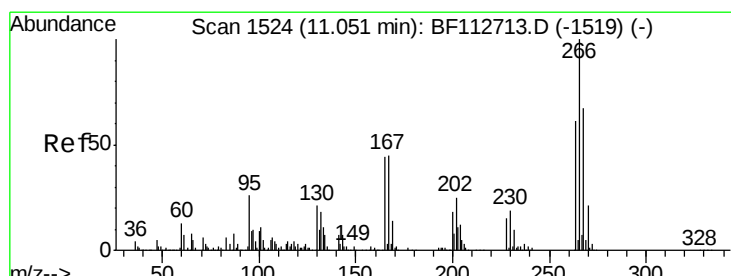
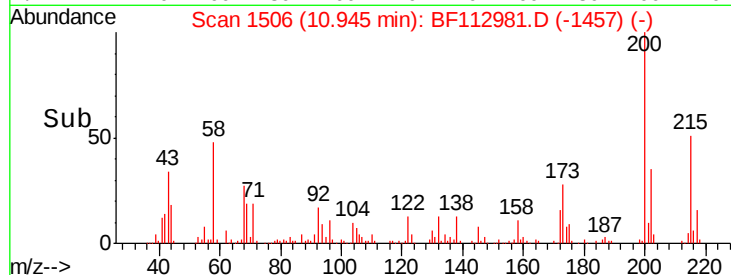
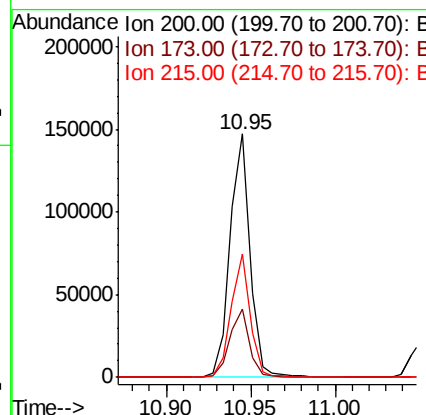
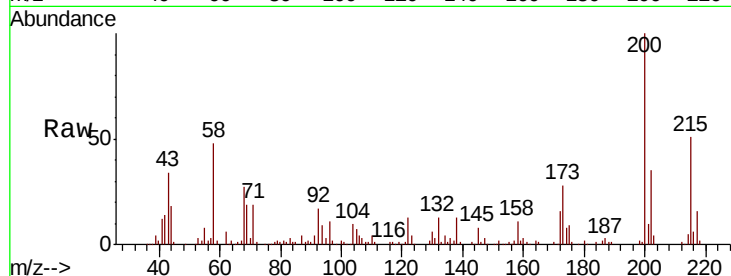
#69  
Atrazine  
Concen: 21.782 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.9  | 9.1        | 49.1  |
| 215     | 50.6  | 28.2       | 68.2  |

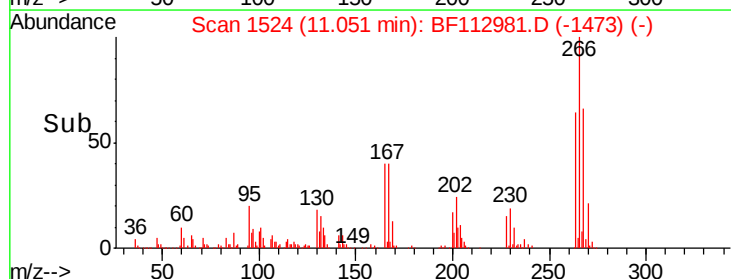
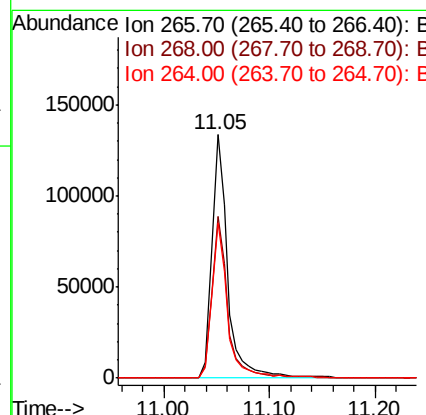
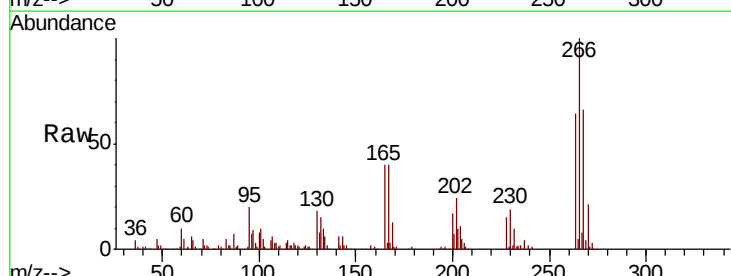
Manual Integrations  
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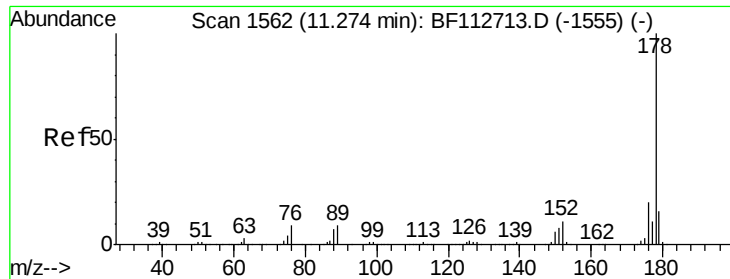
Sohil  
3/12/2019 4:29:10 PM



#70  
Pentachlorophenol  
Concen: 35.570 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 66.4  | 53.3       | 79.9  |
| 264     | 64.0  | 48.9       | 73.3  |





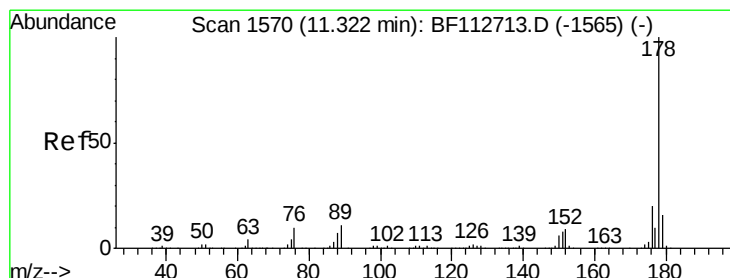
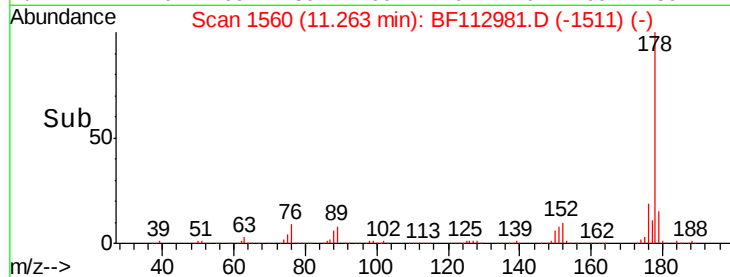
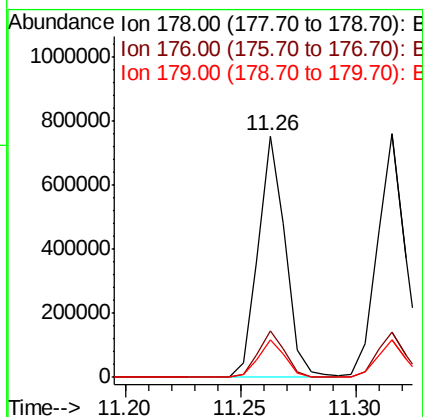
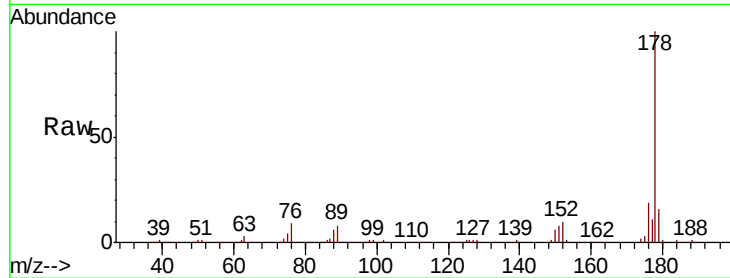
#71  
Phenanthrene  
Concen: 22.104 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.3  | 24.5  |
| 179     | 15.7  | 12.7  | 19.1  |

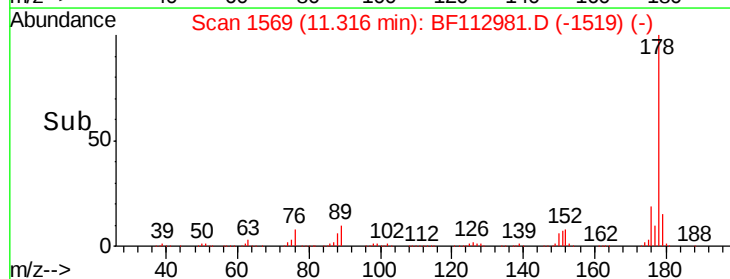
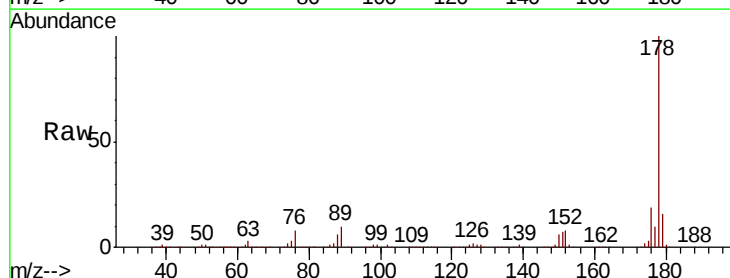
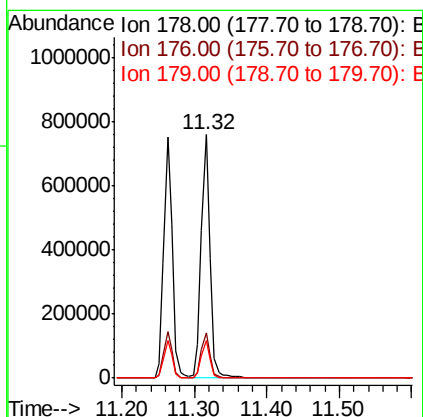
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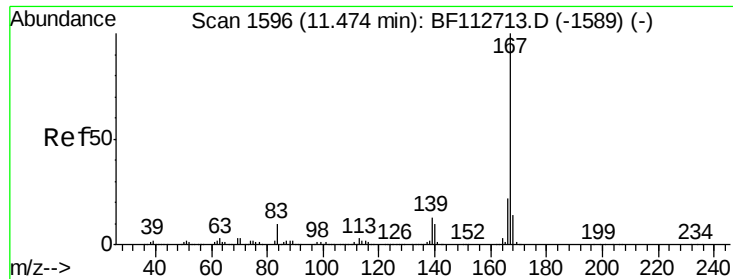
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#72  
Anthracene  
Concen: 22.199 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.8  | 23.6  |
| 179     | 15.6  | 13.0  | 19.6  |





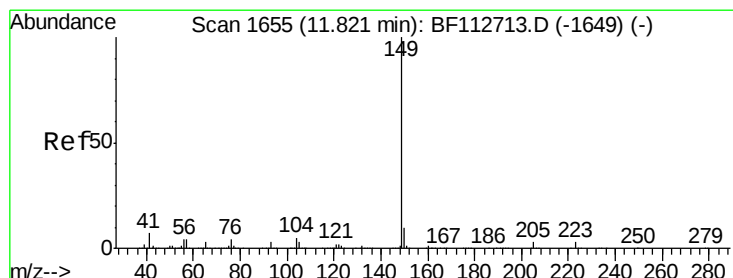
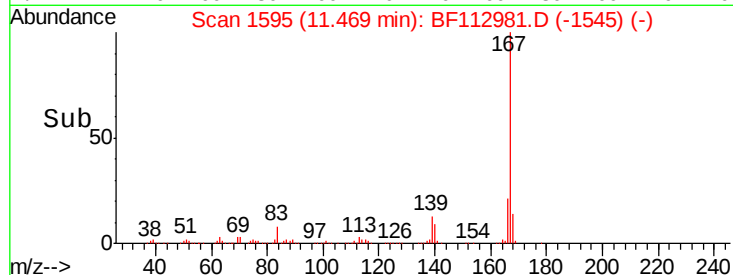
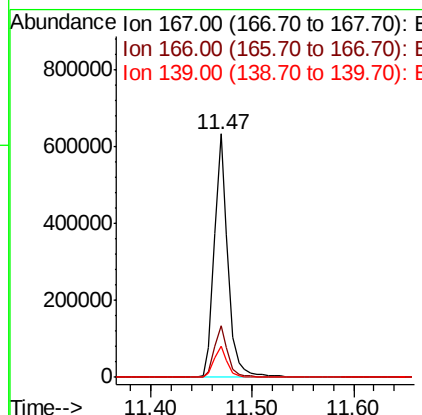
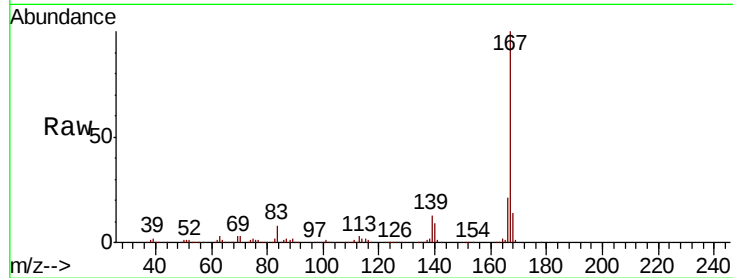
#73  
 Carbazole  
 Concen: 20.648 ng  
 RT: 11.47 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.5  | 26.3  |
| 139     | 12.6  | 10.8  | 16.2  |

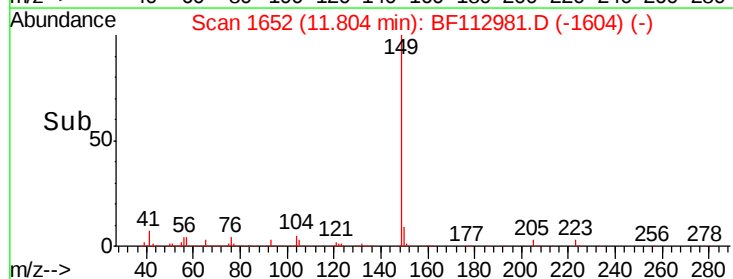
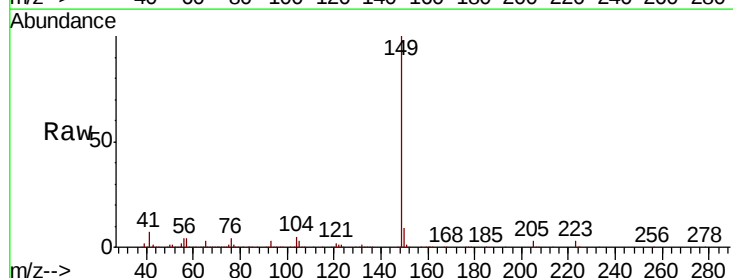
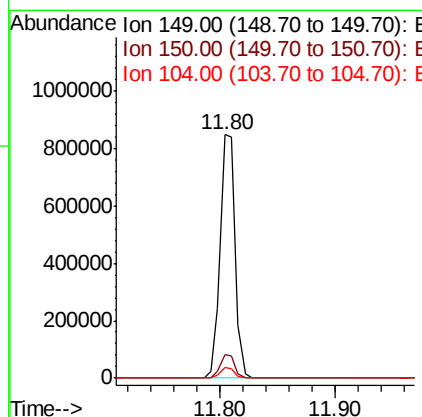
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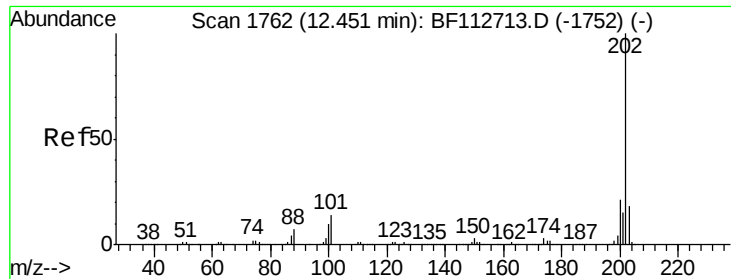
Sohil  
 3/12/2019 4:29:10 PM



#74  
 Di-n-butylphthalate  
 Concen: 22.255 ng  
 RT: 11.80 min Scan# 1652  
 Delta R.T. -0.02 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.6   | 11.4  |
| 104     | 4.6   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 20.598 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

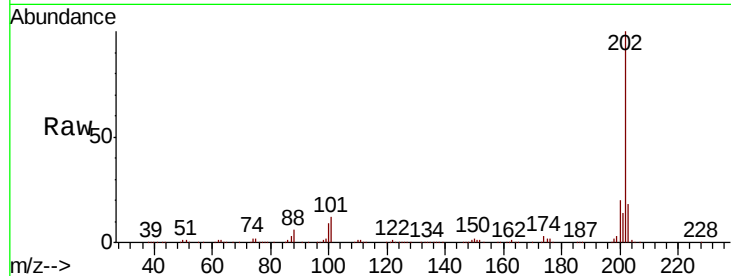
ClientSampleId :

PST-028-B011-030619MS

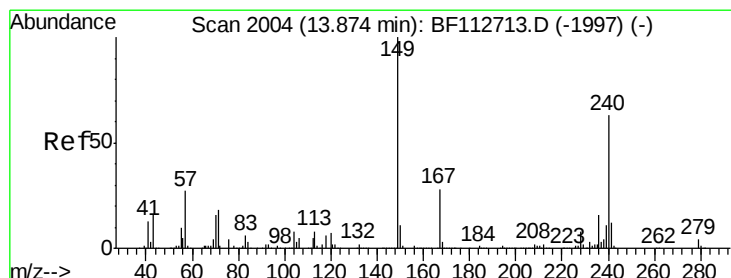
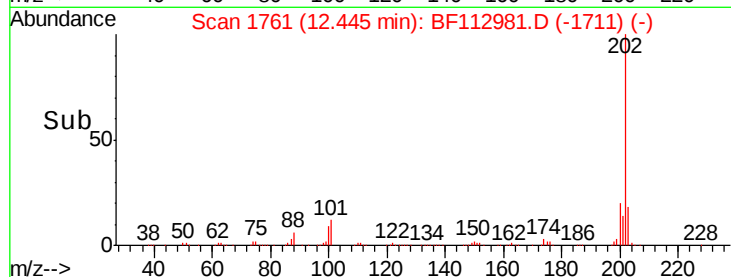
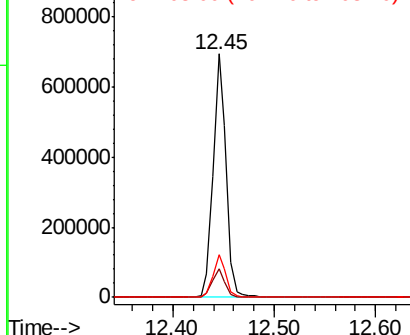
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 619988 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.7  | 0.0   | 33.8   |
| 203       | 17.6  | 0.0   | 38.4   |

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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

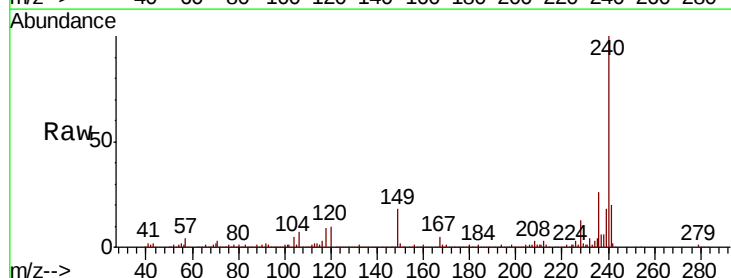
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

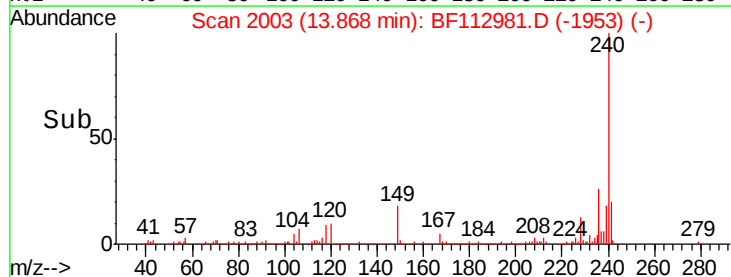
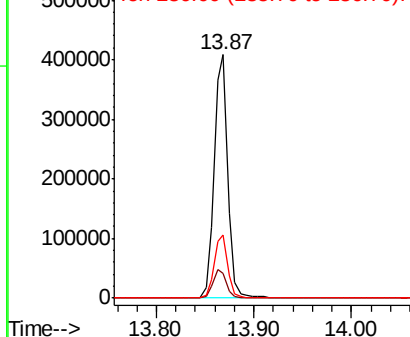
Lab File: BF112981.D

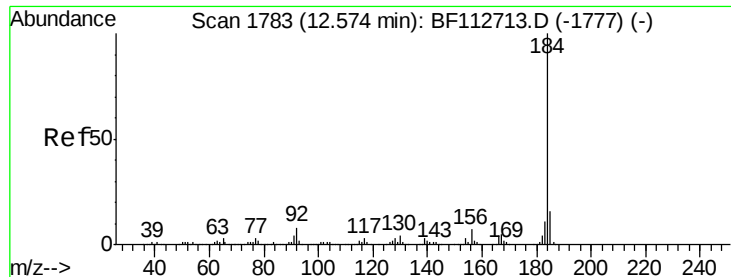
Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 390976 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.3  | 8.9   | 13.3   |
| 236       | 26.1  | 20.7  | 31.1   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.543 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

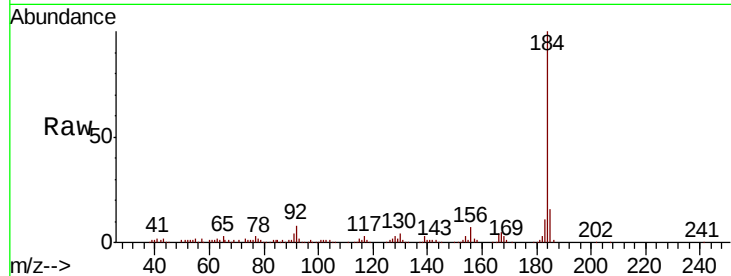
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 213860 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.7  | 12.6  | 18.8   |
| 183       | 10.7  | 8.6   | 12.8   |

Manual Integrations  
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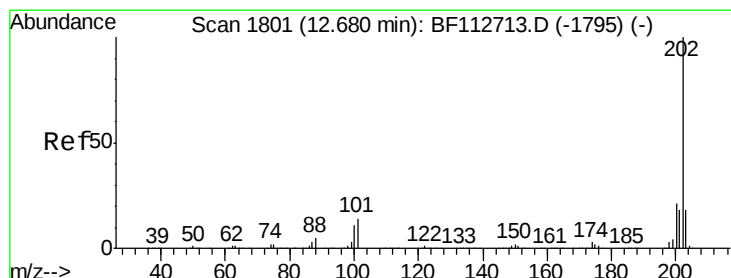
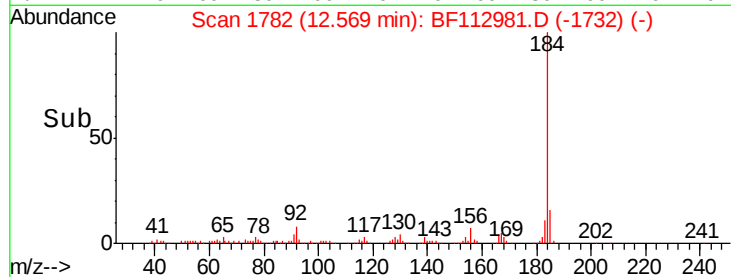
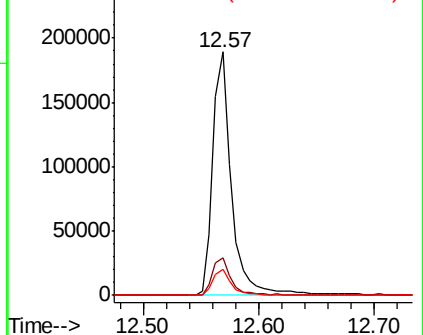


Abundance

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: 18.483 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

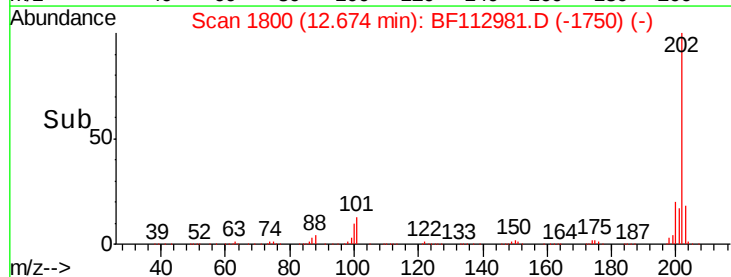
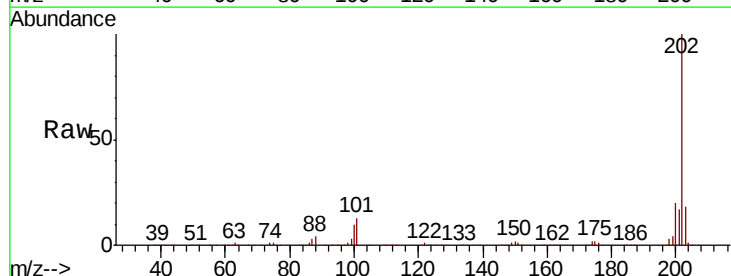
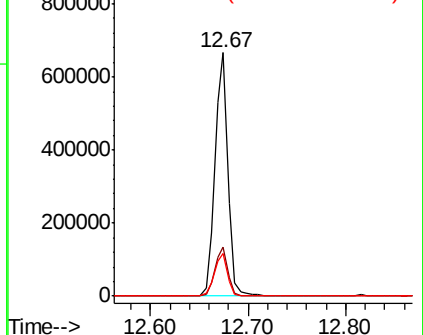
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 609217 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.3  | 17.0  | 25.4   |
| 203       | 17.7  | 14.4  | 21.6   |

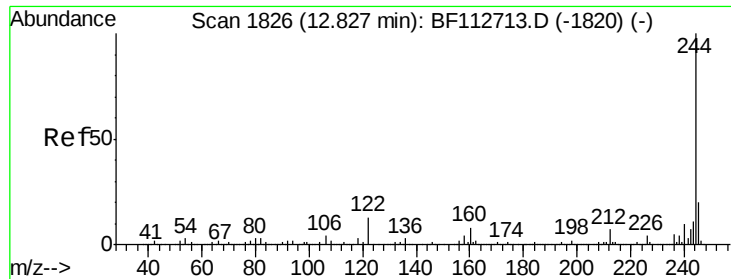
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





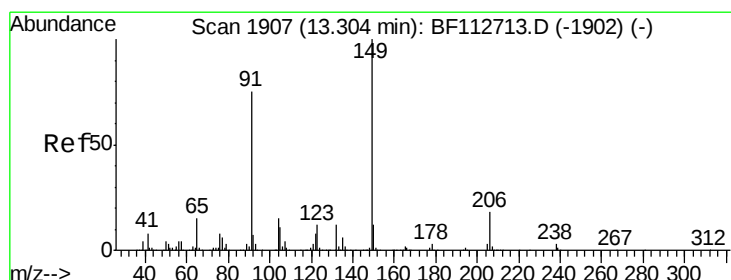
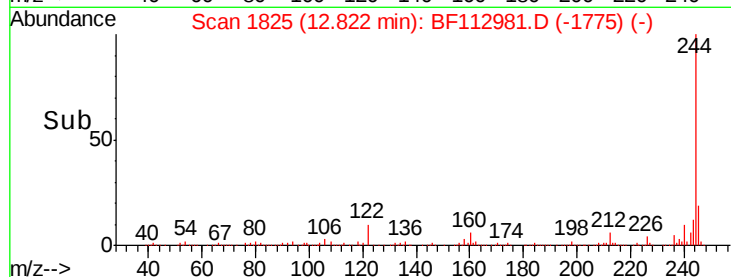
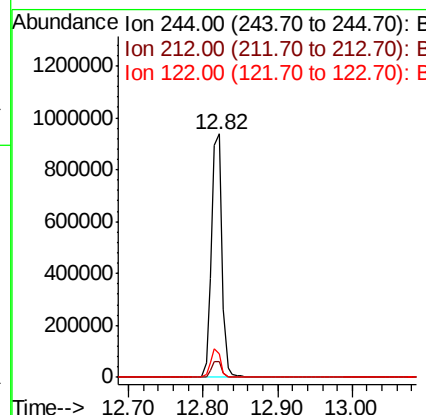
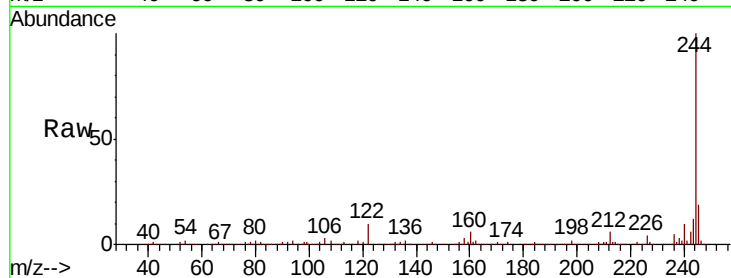
#79  
 Terphenyl-d14  
 Concen: 45.893 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.2   | 5.6   | 8.4   |
| 122     | 9.7   | 10.5  | 15.7  |

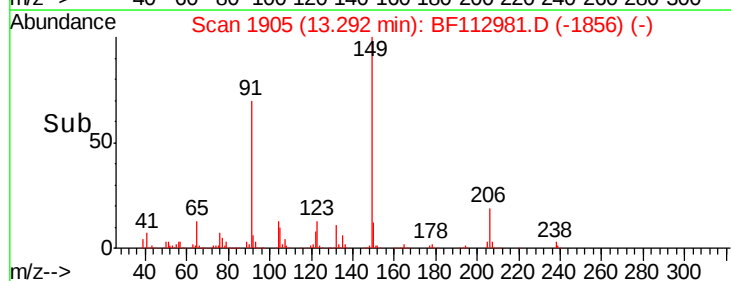
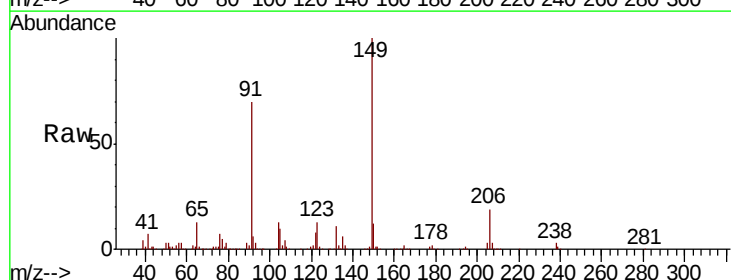
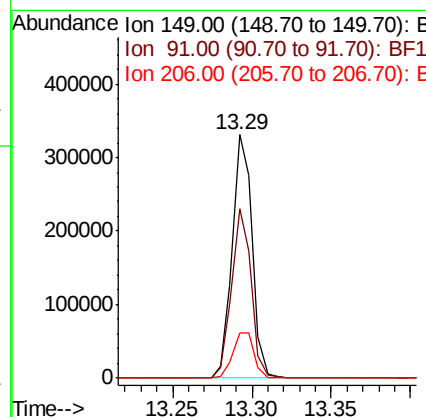
Manual Integrations  
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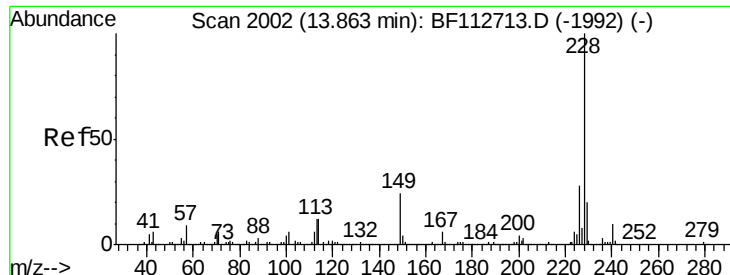
Sohil  
 3/12/2019 4:29:10 PM



#80  
 Butylbenzylphthalate  
 Concen: 19.898 ng  
 RT: 13.29 min Scan# 1905  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.8  | 59.9  | 89.9  |
| 206     | 18.6  | 14.7  | 22.1  |





#81

Benzo(a)anthracene

Concen: 17.865 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

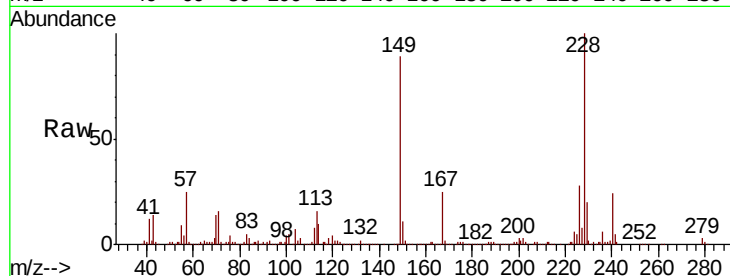
ClientSampleId :

PST-028-B011-030619MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 484082 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.5  | 22.2  | 33.4   |
| 229       | 20.1  | 16.0  | 24.0   |

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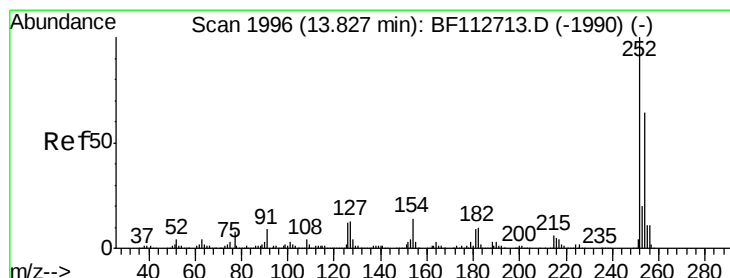
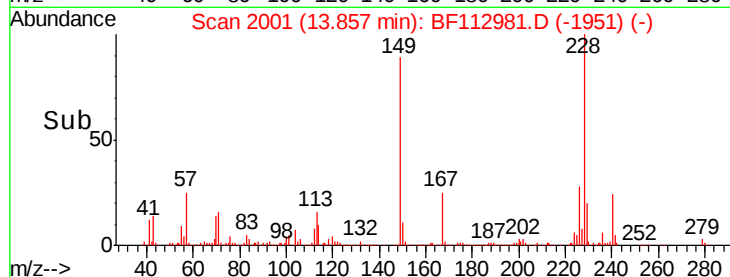
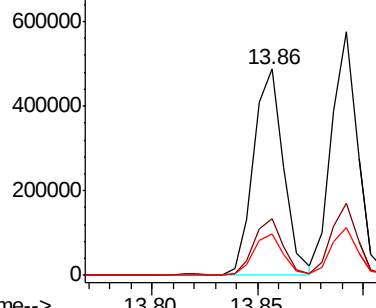


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.656 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

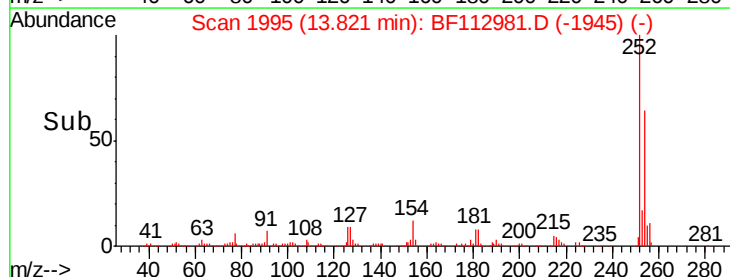
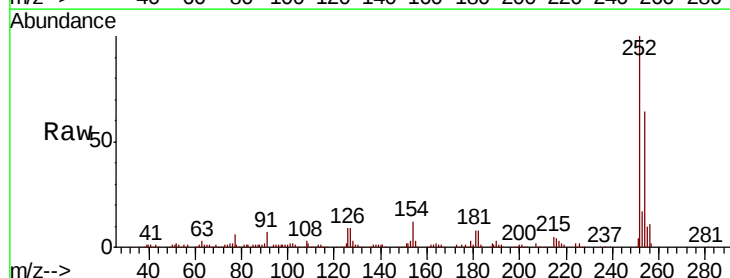
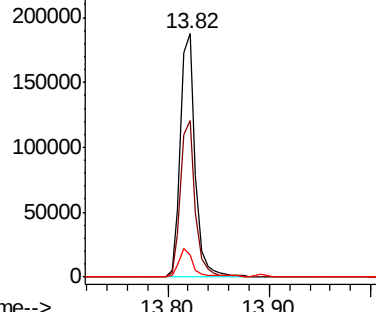
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 191197 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.4  | 51.1  | 76.7   |
| 126       | 9.2   | 9.9   | 14.9#  |

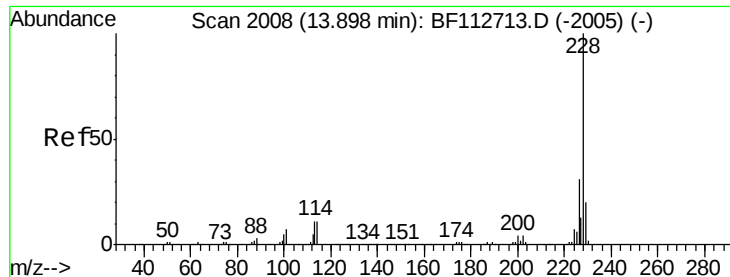
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





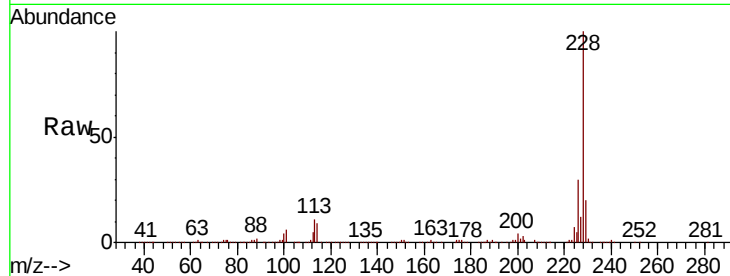
#83  
 Chrvsene  
 Concen: 19.187 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-B011-030619MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 509273 |       |       |
| 226     | 29.6  |        | 24.9  | 37.3  |
| 229     | 19.6  |        | 16.3  | 24.5  |

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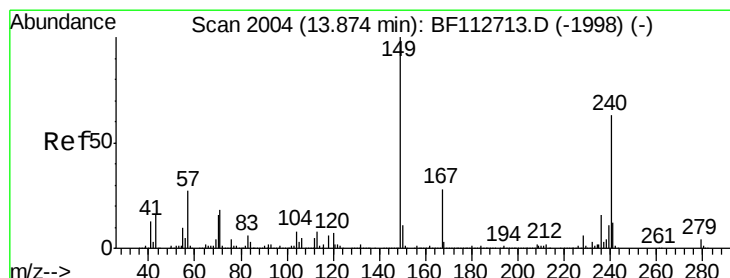
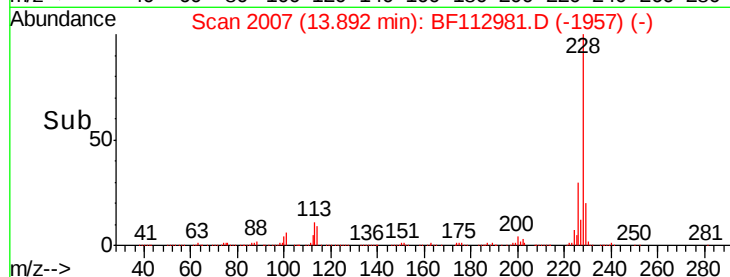
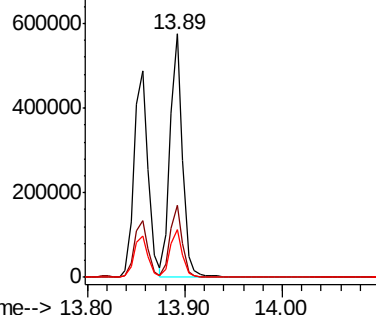


Abundance

Ion 228.00 (227.70 to 228.70): E

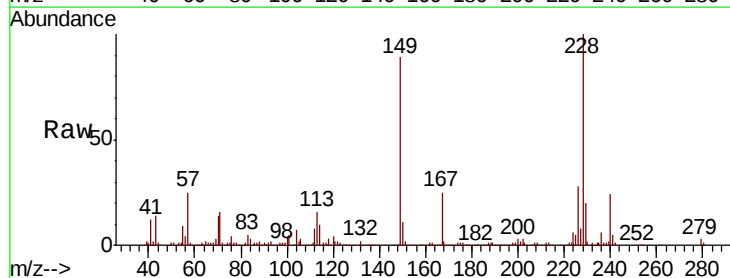
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 22.867 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.02 min  
 Lab File: BF112981.D  
 Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 390230 |       |       |
| 167     | 27.7  |        | 22.4  | 33.6  |
| 279     | 3.8   |        | 3.3   | 4.9   |

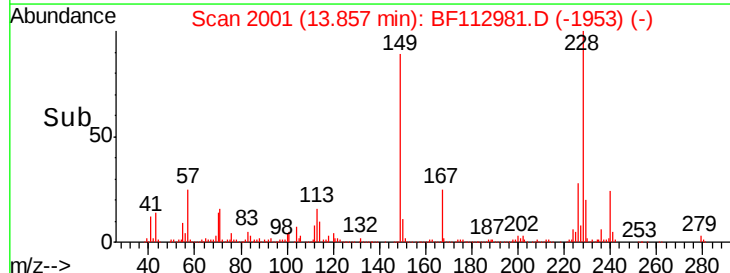
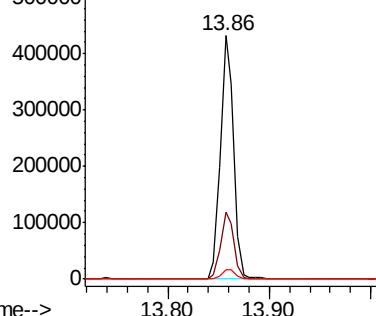


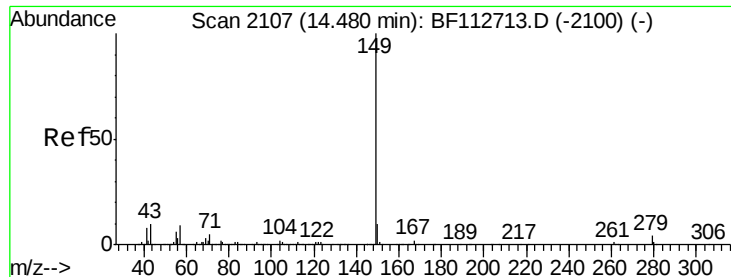
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 22.754 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112981.D

Acq: 12 Mar 2019 3:54

Instrument :

BNA\_F

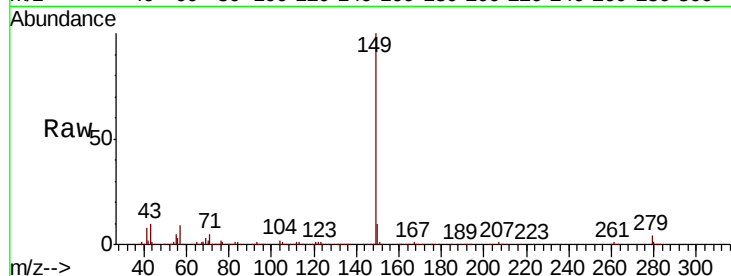
ClientSampleId :

PST-028-B011-030619MS

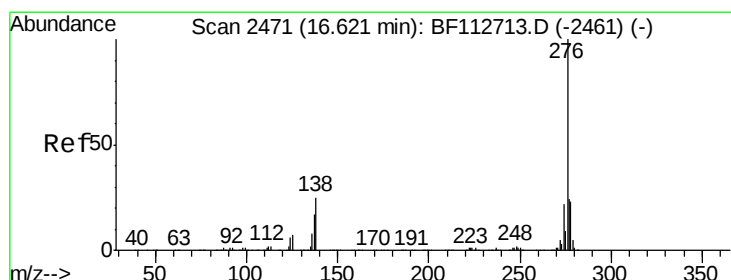
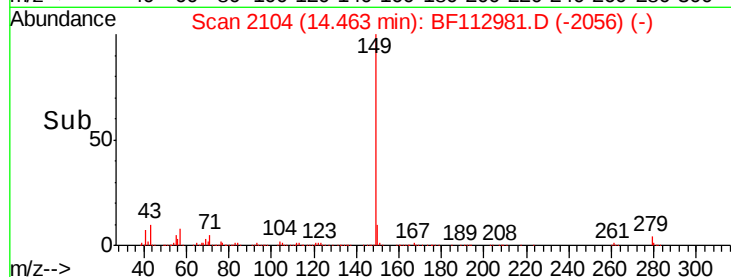
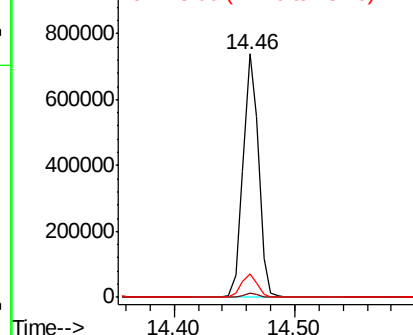
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 666763 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 9.4   | 9.0   | 13.4   |

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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: 15.370 ng

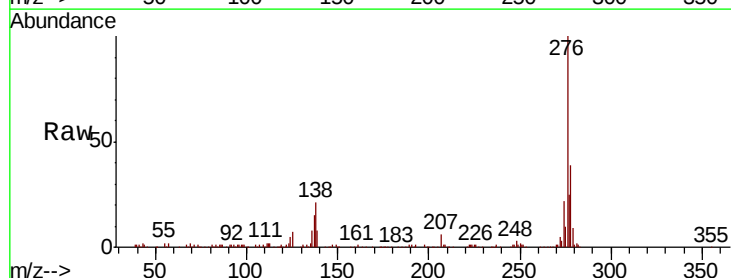
RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

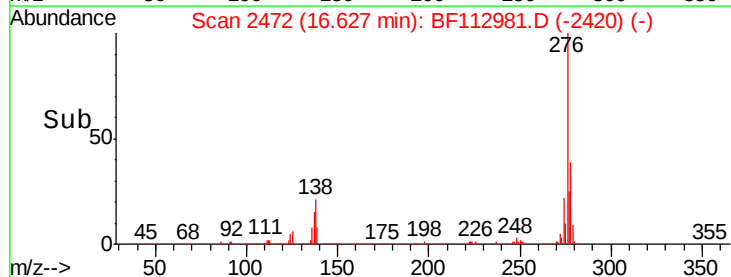
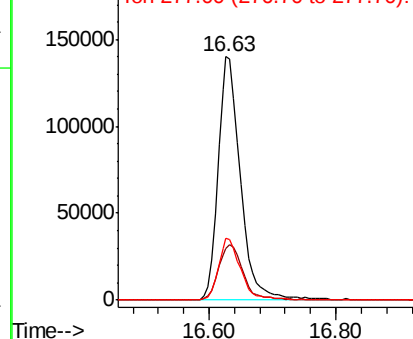
Lab File: BF112981.D

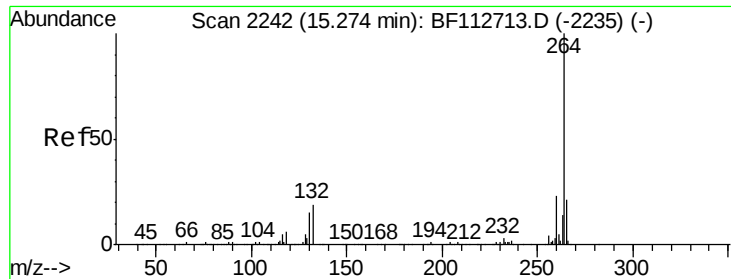
Acq: 12 Mar 2019 3:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 347807 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.6  | 23.2  | 34.8   |
| 277       | 25.2  | 19.9  | 29.9   |



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





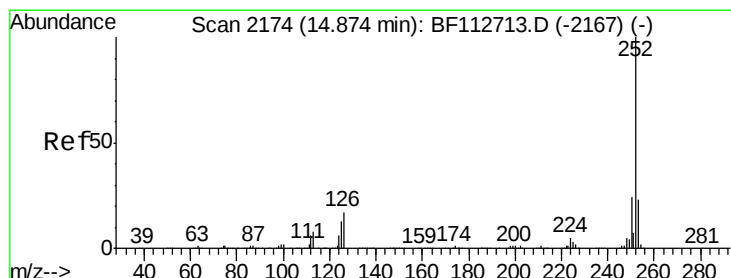
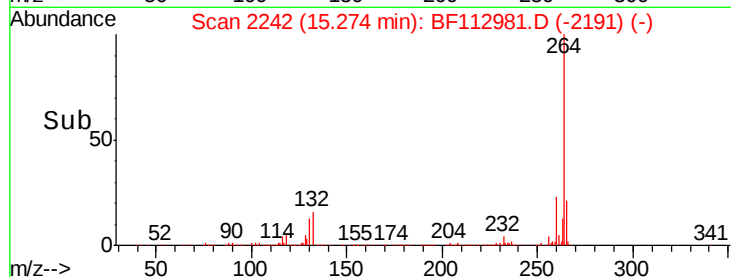
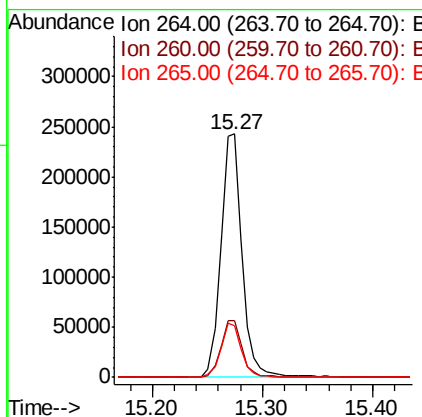
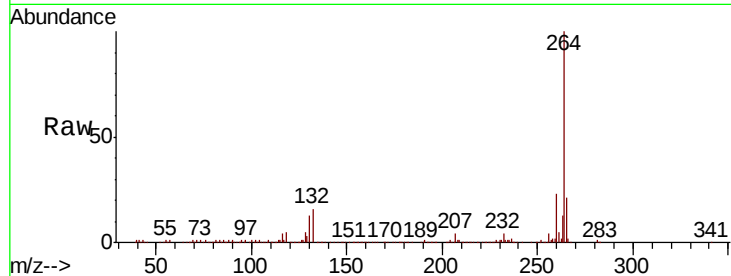
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 18.7  | 28.1  |
| 265     | 21.3  | 17.2  | 25.8  |

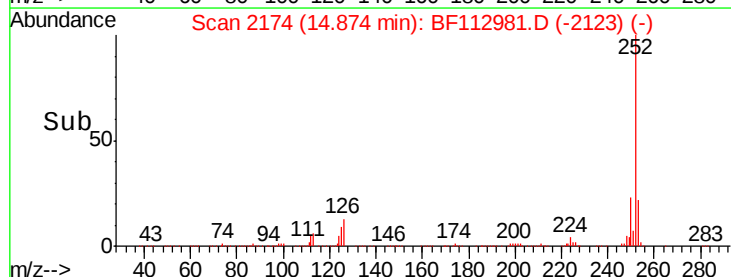
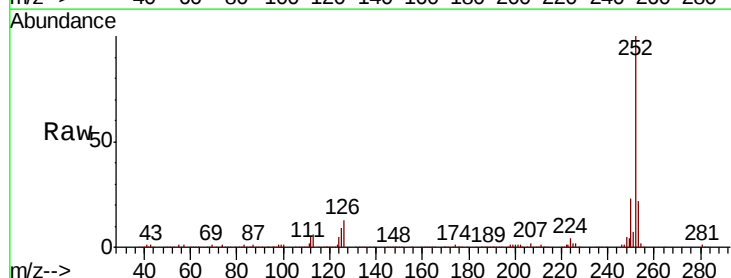
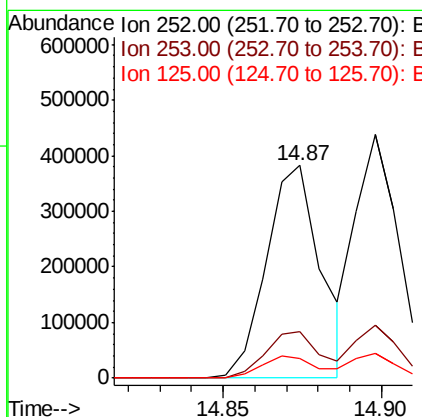
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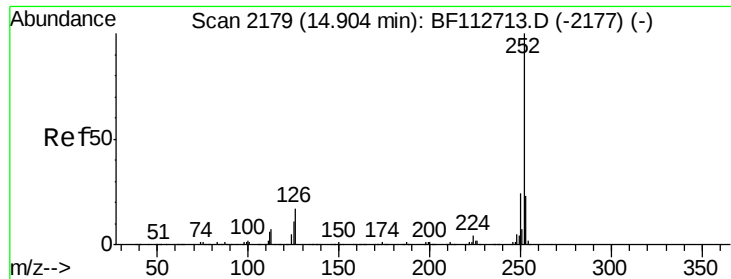
Sohil  
3/12/2019 4:29:10 PM



#88  
Benzo(b)fluoranthene  
Concen: 21.693 ng m  
RT: 14.87 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.0  | 27.0  |
| 125     | 9.4   | 10.2  | 15.2# |





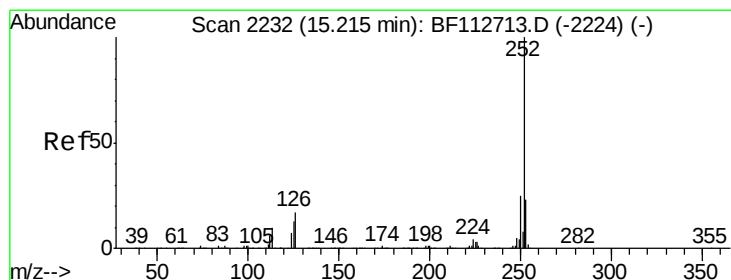
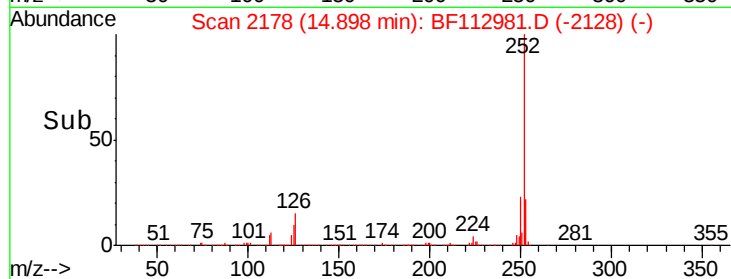
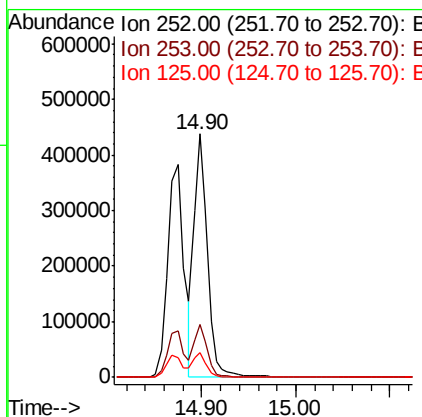
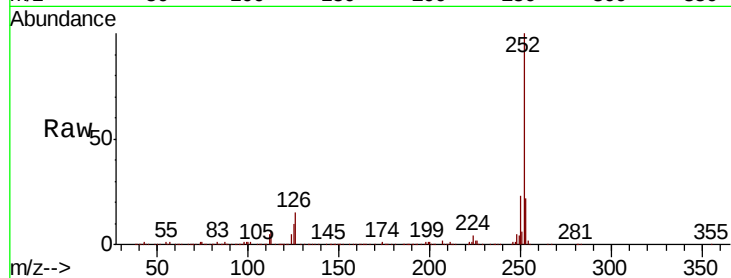
#89  
Benzo(k)fluoranthene  
Concen: 22.542 ng  
RT: 14.90 min Scan# 2178  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.2  | 27.2  |
| 125     | 10.2  | 9.8   | 14.6  |

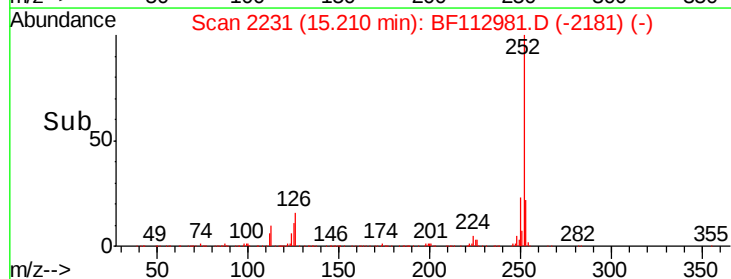
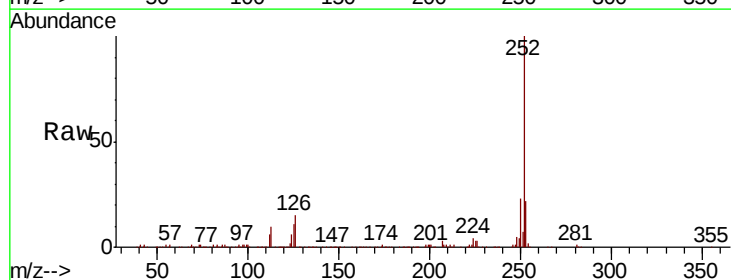
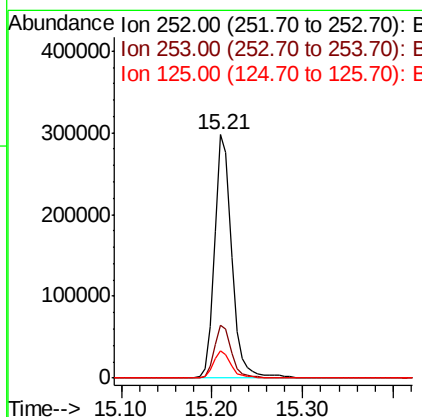
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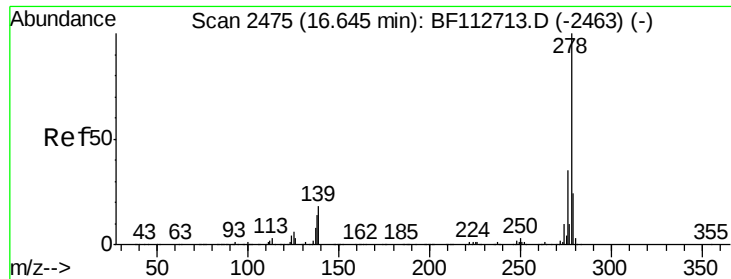
Sohil  
3/12/2019 4:29:10 PM



#90  
Benzo(a)pyrene  
Concen: 20.938 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.0  | 27.0  |
| 125     | 11.4  | 10.7  | 16.1  |





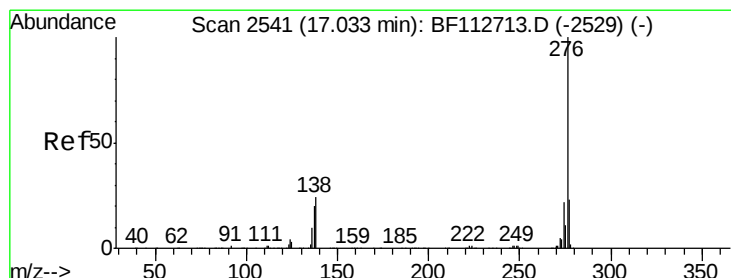
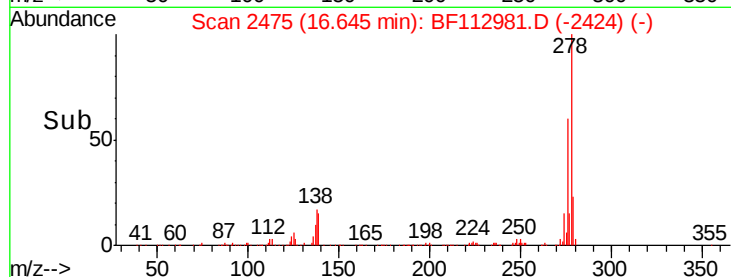
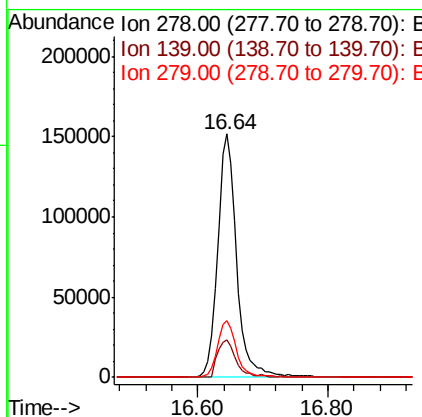
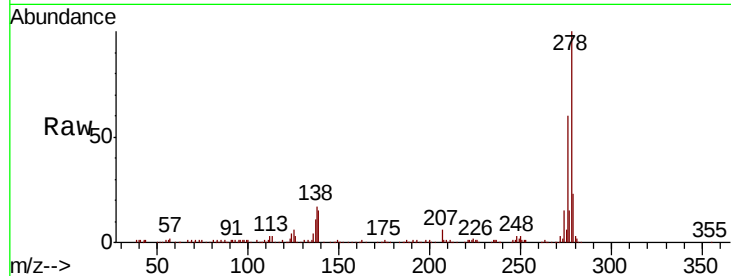
#91  
Dibenzo(a,h)anthracene  
Concen: 19.077 ng  
RT: 16.64 min Scan# 2475  
Delta R.T. 0.00 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-B011-030619MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.4  | 14.3  | 21.5  |
| 279     | 23.3  | 19.4  | 29.0  |

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3/12/2019 4:29:10 PM



#92  
Benzo(g,h,i)perylene  
Concen: 17.395 ng  
RT: 17.04 min Scan# 2542  
Delta R.T. 0.01 min  
Lab File: BF112981.D  
Acq: 12 Mar 2019 3:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 18.6  | 27.8  |
| 138     | 20.8  | 19.4  | 29.0  |

