

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\  
 Data File : BF120226.D  
 Acq On : 27 Apr 2020 18:32  
 Operator : MA/SJ  
 Sample : L2405-05MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

Manual Integrations  
 APPROVED

mohammad  
 4/28/2020 11:08:38 PM

Quant Time: Apr 28 01:46:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 27 12:17:15 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.66  | 152  | 119810   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 513764   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.70  | 164  | 258293   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.19 | 188  | 504022   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.83 | 240  | 335469   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.23 | 264  | 300196   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.28  | 112 | 235803  | 34.01 | ng | 0.00  |
| 7) Phenol-d6                | 6.32  | 99  | 183470  | 20.54 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.23  | 82  | 926575  | 93.30 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330 | 206945  | 65.44 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.03  | 172 | 1737754 | 95.52 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.78 | 244 | 1949371 | 97.78 | ng | 0.00  |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.31 | 88  | 60755   | 19.676 | ng | 98   |
| 3) Pyridine                    | 2.99 | 79  | 148755  | 17.559 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 2.93 | 42  | 94337   | 21.794 | ng | 99   |
| 6) Aniline                     | 6.32 | 93  | 358448  | 30.572 | ng | 94   |
| 8) 2-Chlorophenol              | 6.46 | 128 | 166376  | 21.479 | ng | 95   |
| 9) Benzaldehyde                | 6.21 | 77  | 202681  | 44.261 | ng | 98   |
| 10) Phenol                     | 6.33 | 94  | 103332  | 10.196 | ng | # 1  |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93  | 407901  | 52.127 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.60 | 146 | 408018  | 48.113 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.68 | 146 | 410184  | 47.482 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.83 | 146 | 428789  | 53.859 | ng | 100  |
| 15) Benzyl Alcohol             | 6.81 | 79  | 237767  | 34.268 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45  | 761002  | 49.977 | ng | 73   |
| 17) 2-Methylphenol             | 6.94 | 107 | 154923  | 22.411 | ng | # 76 |
| 18) Hexachloroethane           | 7.17 | 117 | 165872  | 51.378 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70  | 330672  | 57.564 | ng | 99   |
| 20) 3+4-Methylphenols          | 7.09 | 107 | 169097  | 20.001 | ng | # 84 |
| 22) Acetophenone               | 7.08 | 105 | 642272  | 53.386 | ng | # 96 |
| 24) Nitrobenzene               | 7.25 | 77  | 487103  | 48.758 | ng | 99   |
| 25) Isophorone                 | 7.49 | 82  | 893380  | 46.666 | ng | 99   |
| 26) 2-Nitrophenol              | 7.57 | 139 | 120879  | 24.219 | ng | 88   |
| 27) 2,4-Dimethylphenol         | 7.62 | 122 | 277232  | 36.829 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93  | 566034  | 50.247 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.82 | 162 | 174468  | 22.612 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180 | 395994  | 45.294 | ng | 96   |
| 31) Naphthalene                | 7.97 | 128 | 1290577 | 47.745 | ng | 98   |
| 32) Benzoic acid               | 7.70 | 122 | 13694   | 2.071  | ng | 87   |
| 33) 4-Chloroaniline            | 8.03 | 127 | 417843  | 35.508 | ng | 99   |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 220983  | 42.225 | ng | 98   |
| 35) Caprolactam                | 8.39 | 113 | 17499m  | 7.414  | ng |      |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 210255  | 25.169 | ng | 96   |
| 37) 2-Methylnaphthalene        | 8.66 | 142 | 889440  | 48.535 | ng | 97   |
| 38) 1-Methylnaphthalene        | 8.76 | 142 | 836984  | 48.456 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 387179  | 47.460 | ng | 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\  
 Data File : BF120226.D  
 Acq On : 27 Apr 2020 18:32  
 Operator : MA/SJ  
 Sample : L2405-05MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

Manual Integrations  
 APPROVED

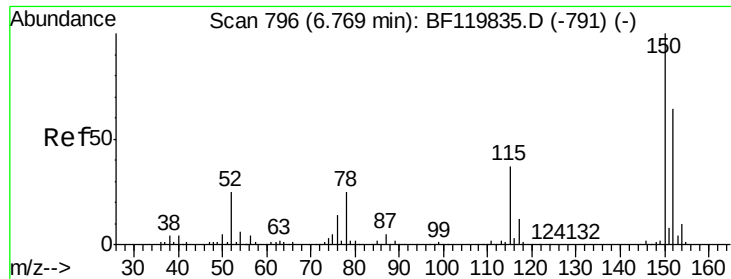
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 4/28/2020 11:08:38 PM

Quant Time: Apr 28 01:46:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 27 12:17:15 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 278412   | 60.016 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.95  | 196  | 132869   | 23.586 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.00  | 196  | 140243   | 22.103 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 1074646  | 49.293 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.15  | 162  | 824471   | 49.091 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 299898   | 49.275 | nq    | 94       |
| 49) Acenaphthylene             | 9.57  | 152  | 1286643  | 50.375 | nq    | 98       |
| 50) Dimethylphthalate          | 9.44  | 163  | 1169883  | 58.557 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.50  | 165  | 218895   | 50.033 | nq    | 97       |
| 52) Acenaphthene               | 9.74  | 154  | 780106   | 45.787 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.67  | 138  | 188859   | 37.797 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 9.78  | 184  | 66788    | 25.498 | nq    | 97       |
| 55) Dibenzofuran               | 9.91  | 168  | 1167850  | 49.950 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.86  | 139  | 39545    | 10.637 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165  | 286122   | 49.639 | nq    | 95       |
| 58) Fluorene                   | 10.26 | 166  | 932311   | 49.861 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 111691   | 23.016 | nq    | 98       |
| 60) Diethylphthalate           | 10.13 | 149  | 1017787  | 49.153 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204  | 443386   | 46.265 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.28 | 138  | 234304   | 49.205 | nq    | 99       |
| 63) Azobenzene                 | 10.41 | 77   | 948397   | 51.108 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.32 | 198  | 62084    | 18.697 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 826087   | 49.282 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.74 | 248  | 274181   | 43.743 | nq    | 94       |
| 68) Hexachlorobenzene          | 10.80 | 284  | 293795   | 46.204 | nq    | 97       |
| 69) Atrazine                   | 10.90 | 200  | 251999   | 54.033 | nq    | 99       |
| 70) Pentachlorophenol          | 11.00 | 266  | 115476   | 31.513 | nq    | 99       |
| 71) Phenanthrene               | 11.22 | 178  | 1341410  | 50.007 | nq    | 98       |
| 72) Anthracene                 | 11.27 | 178  | 1381090  | 50.399 | nq    | 98       |
| 73) Carbazole                  | 11.43 | 167  | 1277471  | 49.296 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.76 | 149  | 1636402  | 48.035 | nq    | 99       |
| 75) Fluoranthene               | 12.40 | 202  | 1434960  | 49.578 | nq    | 98       |
| 77) Benzidine                  | 12.53 | 184  | 831837   | 73.355 | nq    | 99       |
| 78) Pyrene                     | 12.63 | 202  | 1437606  | 50.834 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.26 | 149  | 668320   | 48.702 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.82 | 228  | 1086678  | 49.239 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 362530   | 44.025 | nq    | 99       |
| 83) Chrysene                   | 13.86 | 228  | 1098160  | 48.972 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 894049   | 48.110 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 1496215  | 47.287 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.60 | 276  | 936477   | 47.376 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.84 | 252  | 992585   | 45.963 | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 965872   | 51.837 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.18 | 252  | 868906   | 47.854 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.61 | 278  | 779248   | 48.450 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.00 | 276  | 761350   | 47.955 | nq    | 96       |

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





#1

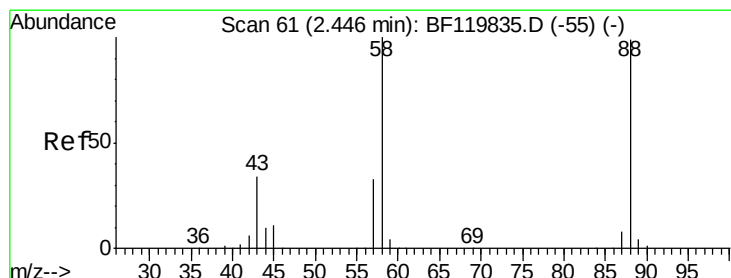
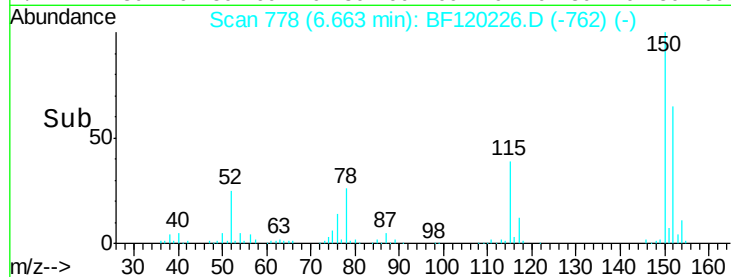
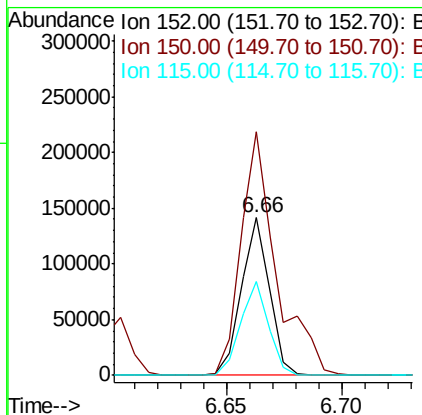
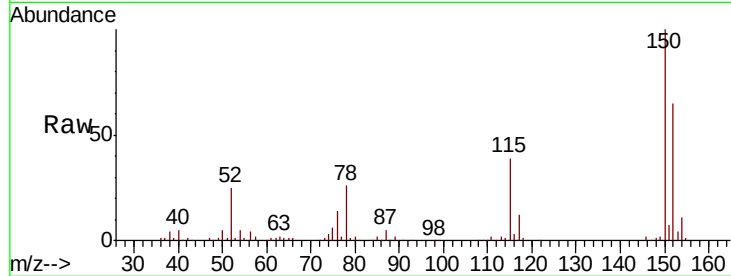
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.66 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampled :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 124.5 | 186.7 |
| 115     | 59.7  | 49.6  | 74.4  |

Manual Integrations  
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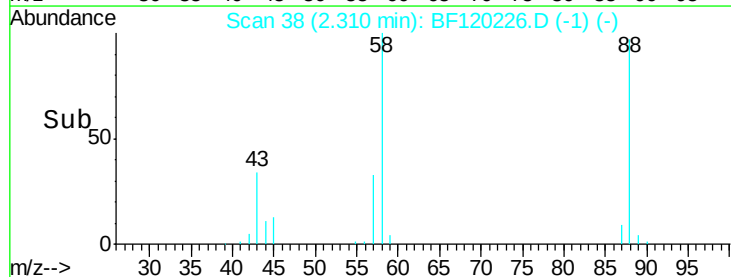
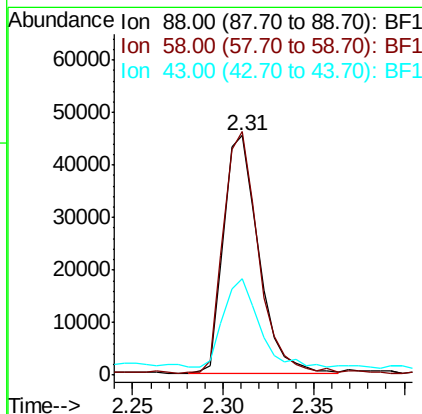
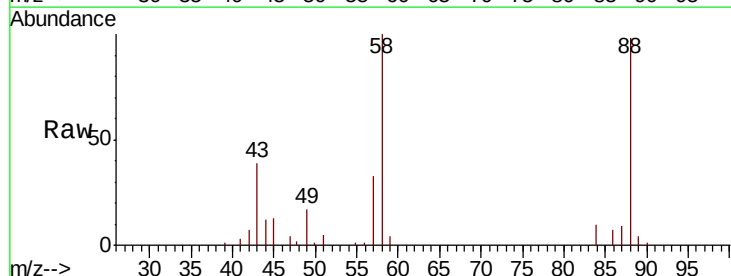
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4/28/2020 11:08:38 PM

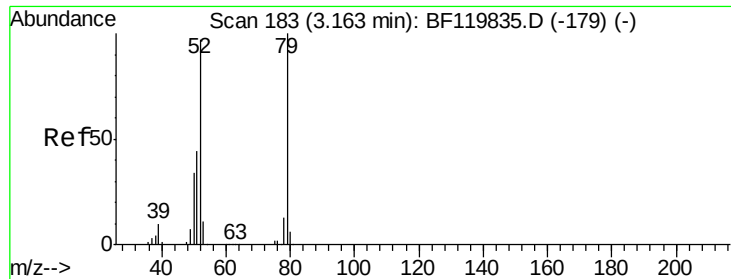


#2

1,4-Dioxane  
Concen: 19.676 ng  
RT: 2.31 min Scan# 38  
Delta R.T. 0.04 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.6 | 80.6  | 121.0 |
| 43      | 36.6  | 27.5  | 41.3  |





#3

Pvridine

Concen: 17.559 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

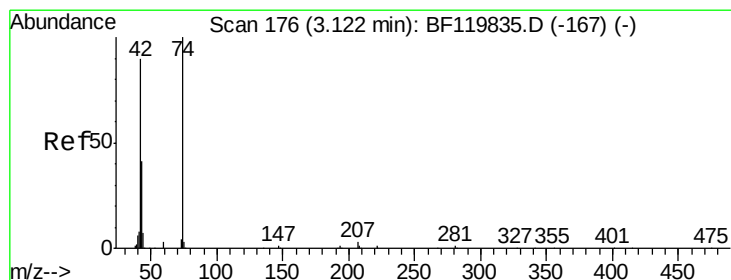
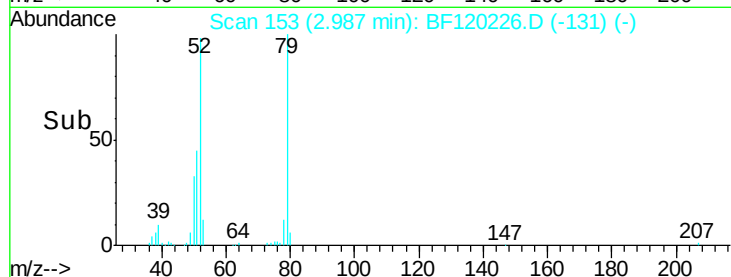
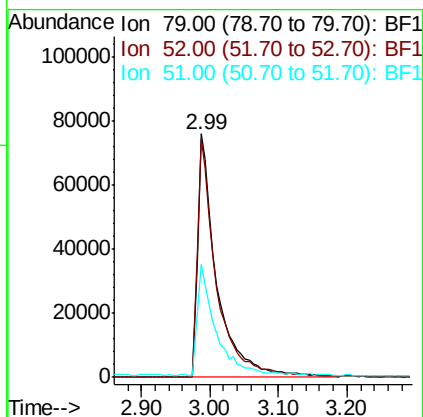
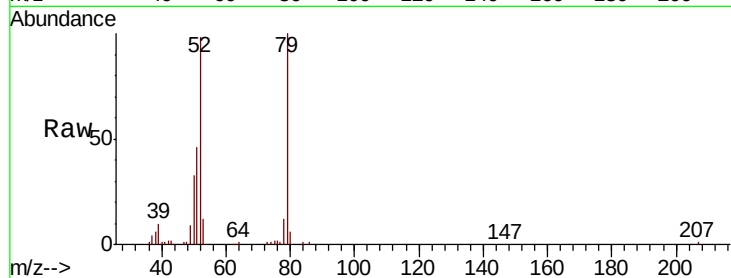
ClientSampleId :

HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 148755 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 98.0  | 80.2  | 120.2  |
| 51        | 46.4  | 37.7  | 56.5   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 21.794 ng

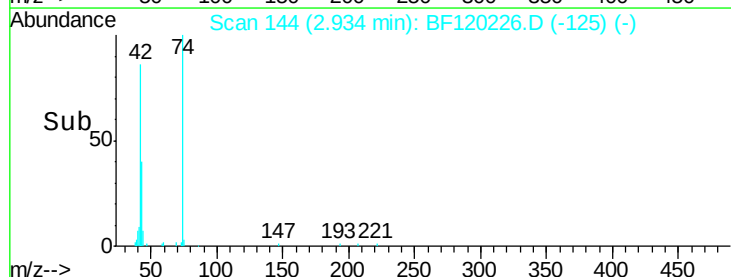
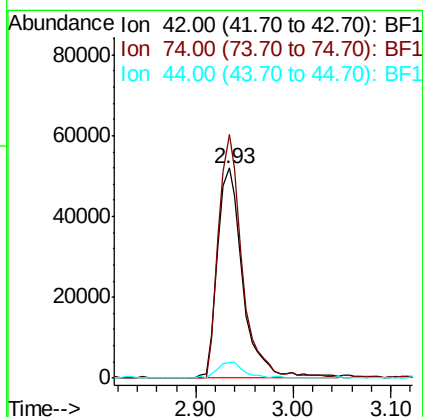
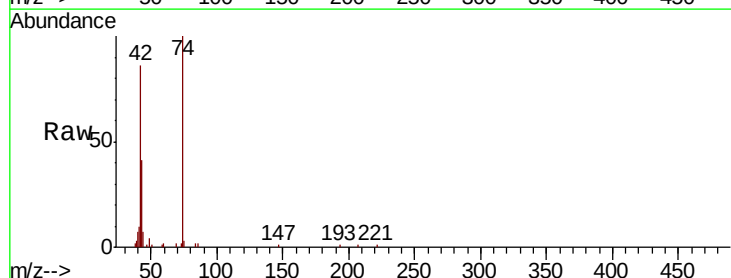
RT: 2.93 min Scan# 144

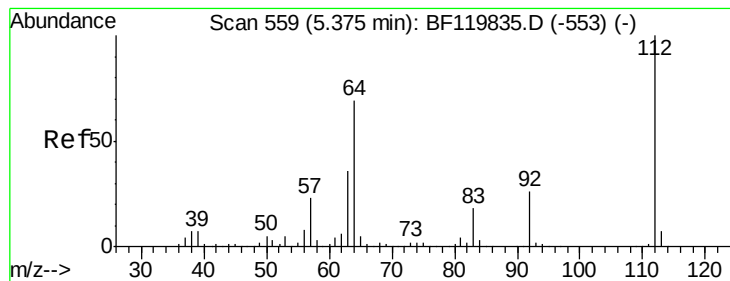
Delta R.T. 0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 94337 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 115.8 | 91.5  | 137.3 |
| 44        | 7.7   | 6.2   | 9.4   |





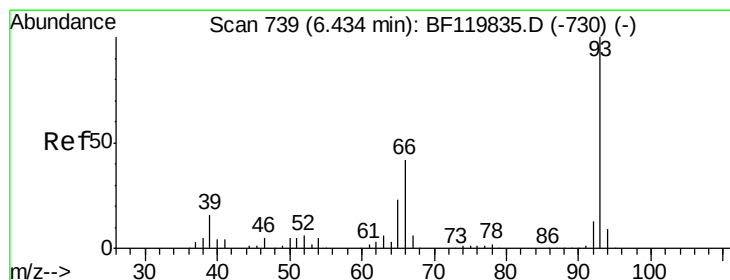
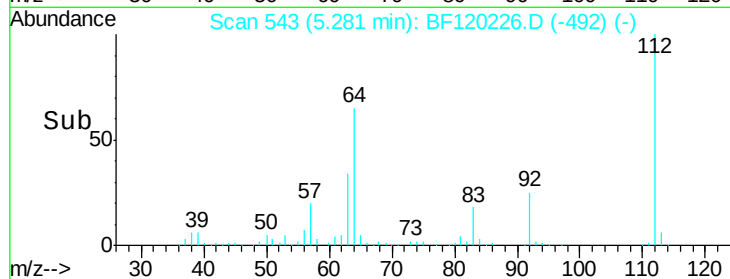
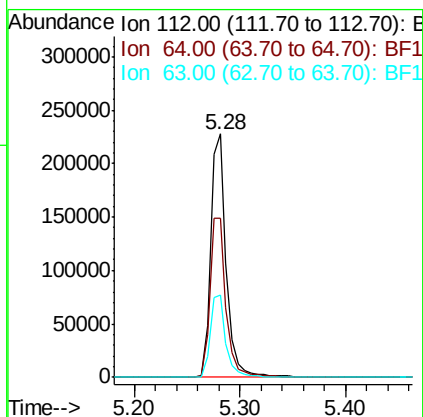
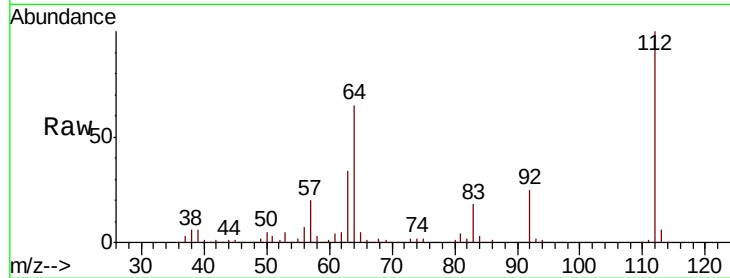
#5  
2-Fluorophenol  
Concen: 34.013 ng  
RT: 5.28 min Scan# 543  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 235803 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 65.3  | 56.7  | 85.1   |
| 63        | 33.8  | 29.5  | 44.3   |

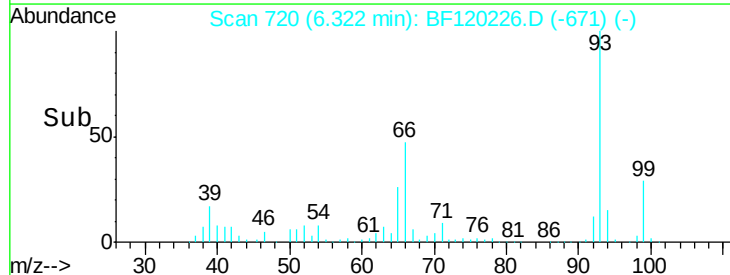
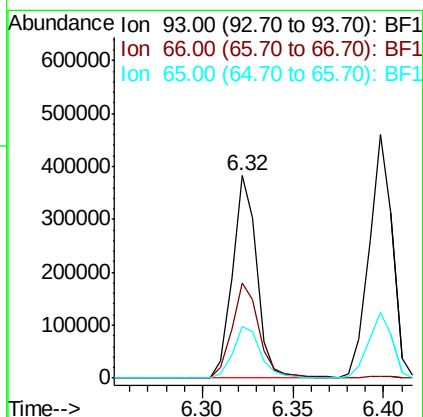
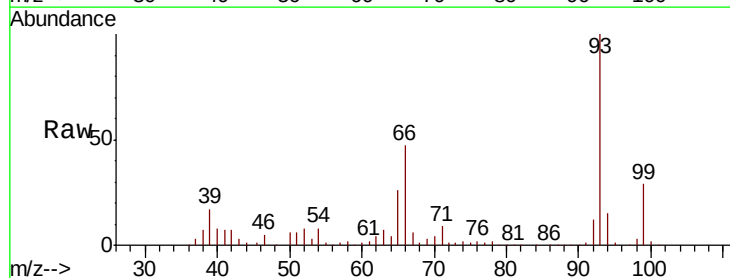
Manual Integrations  
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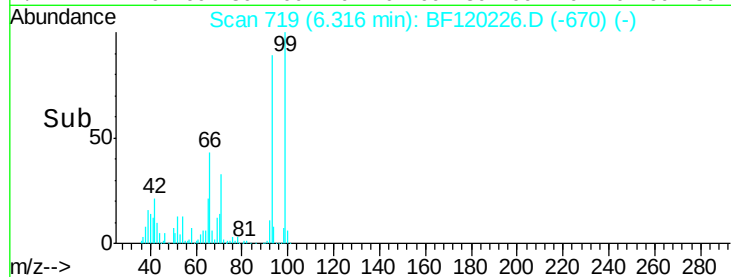
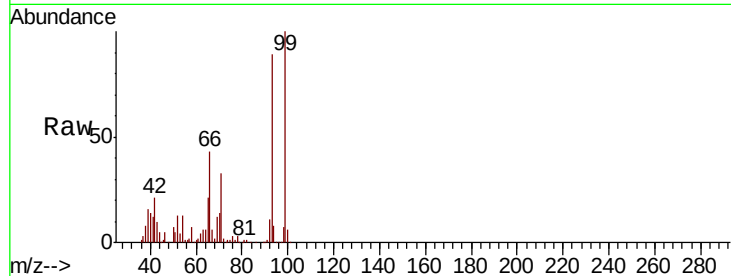
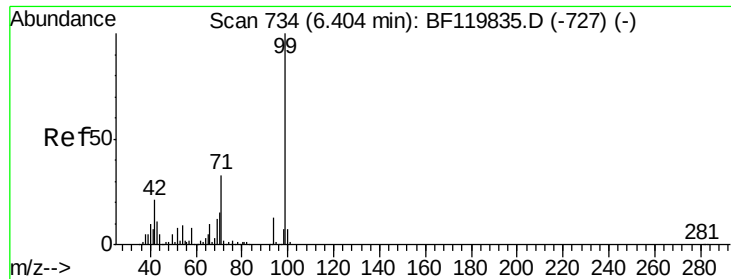
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4/28/2020 11:08:38 PM



#6  
Aniline  
Concen: 30.572 ng  
RT: 6.32 min Scan# 720  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 358448 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 47.4  | 34.9  | 52.3   |
| 65        | 25.7  | 18.6  | 27.8   |





#7

Phenol-d6

Concen: 20.538 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 183470 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.9  | 16.6  | 24.8   |
| 71        | 32.8  | 26.4  | 39.6   |

Instrument :

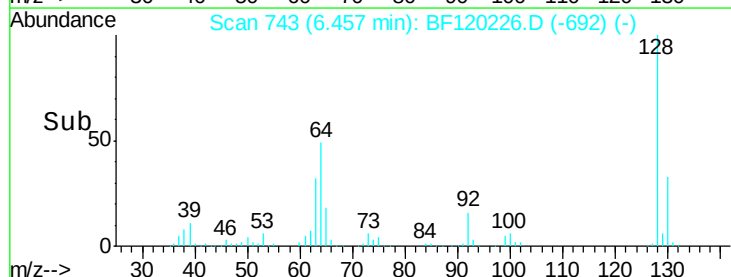
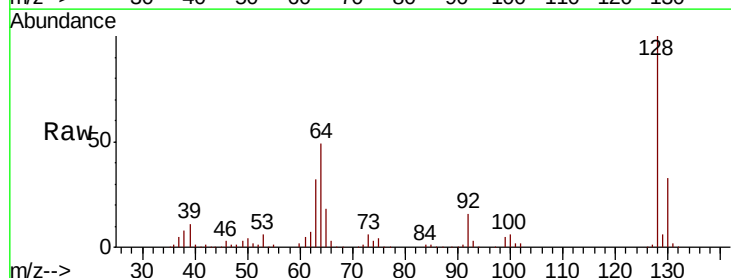
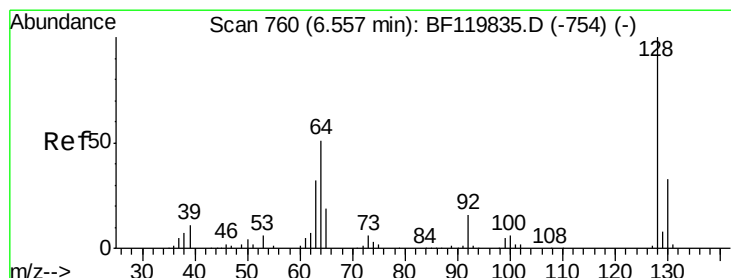
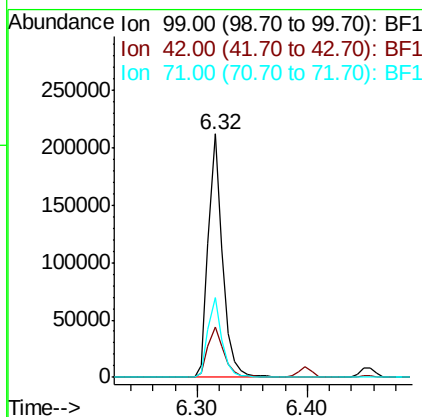
BNA\_F

ClientSampleId :

HW-7MSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 21.479 ng

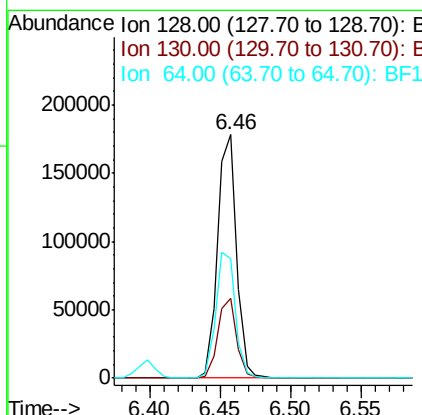
RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

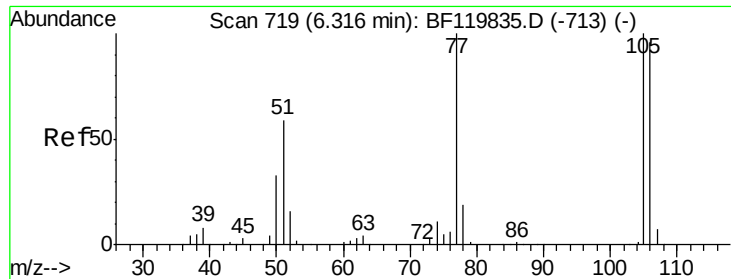
Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 166376 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.5  | 12.6  | 52.6   |
| 64        | 49.3  | 35.3  | 75.3   |







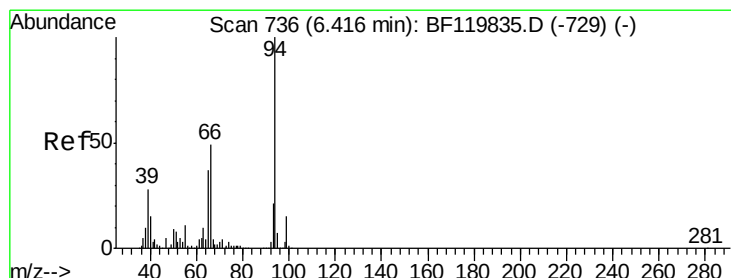
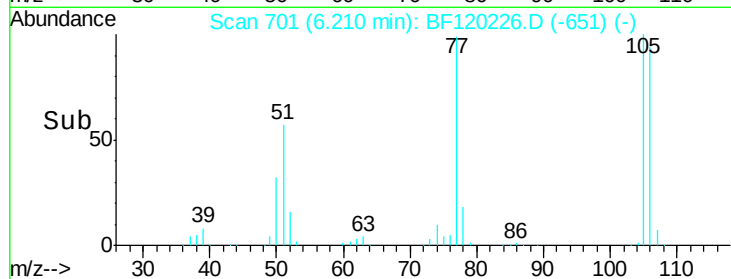
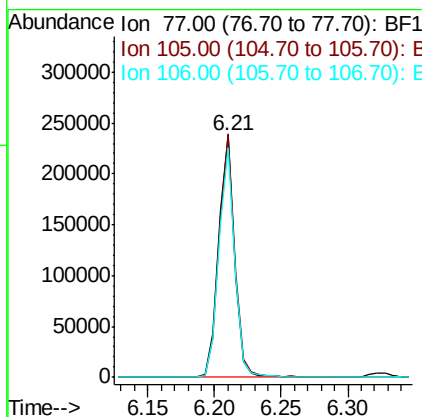
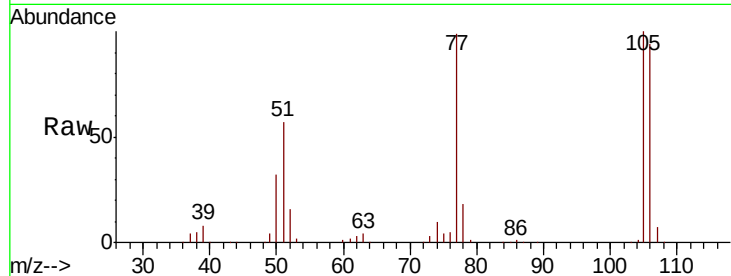
#9  
Benzaldehyde  
Concen: 44.261 ng  
RT: 6.21 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleID :  
HW-7MSD

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |       |
| 105     | 100.6 | 80.9  | 120.9 |       |       |
| 106     | 94.7  | 77.9  | 117.9 |       |       |

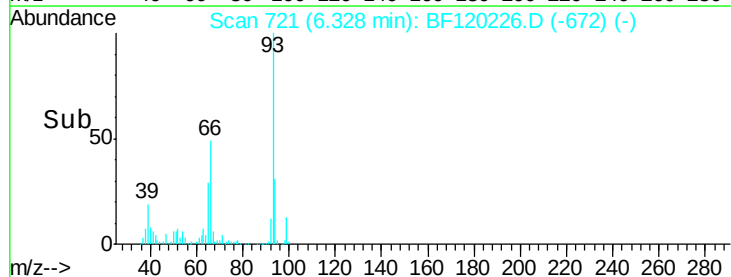
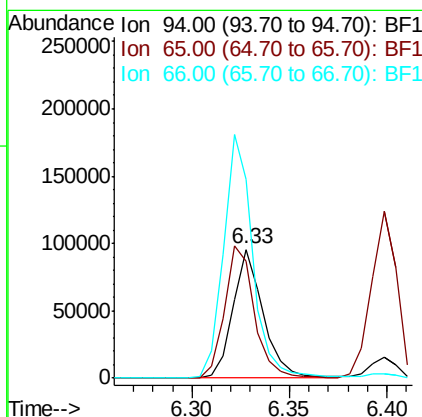
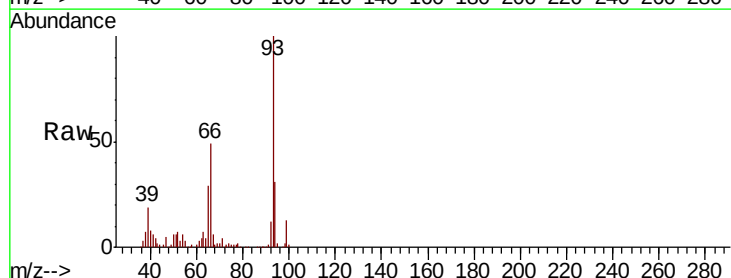
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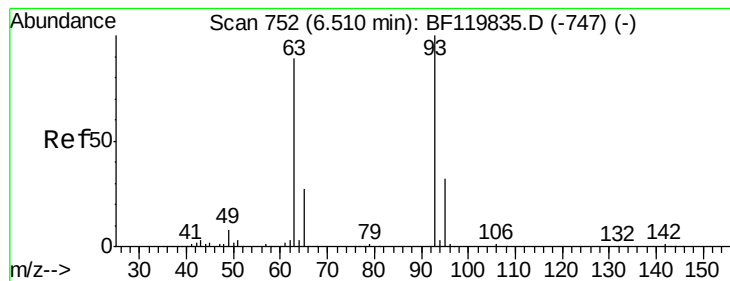


#10  
Phenol  
Concen: 10.196 ng  
RT: 6.33 min Scan# 721  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 94      | 100   |       |       |       |       |
| 65      | 91.0  | 13.2  | 53.2# |       |       |
| 66      | 154.7 | 22.3  | 62.3# |       |       |







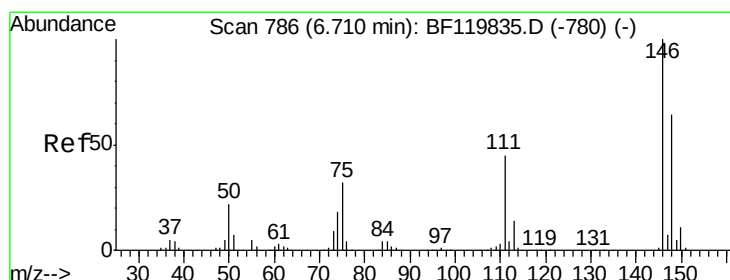
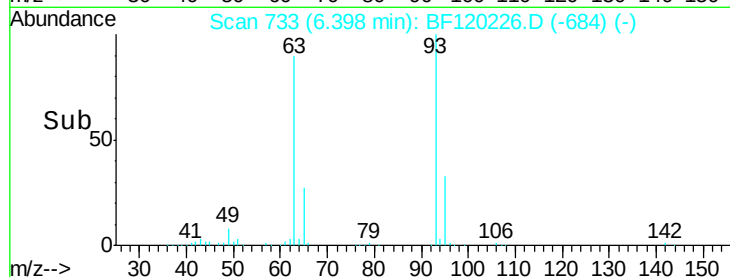
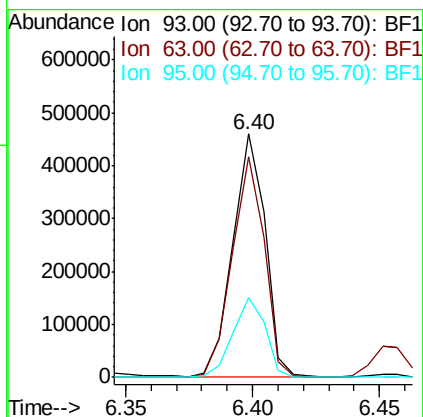
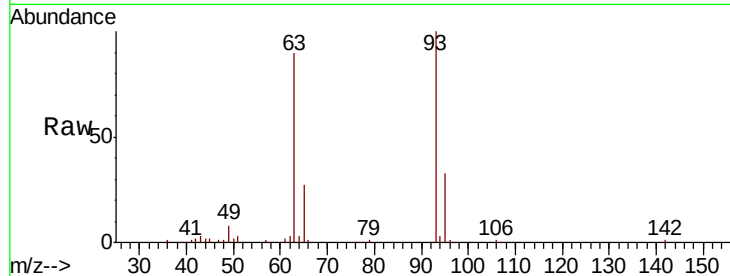
#11  
bis(2-Chloroethyl)ether  
Concen: 52.127 ng  
RT: 6.40 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 407901 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 90.5  | 70.2  | 110.2  |
| 95       | 32.7  | 13.4  | 53.4   |

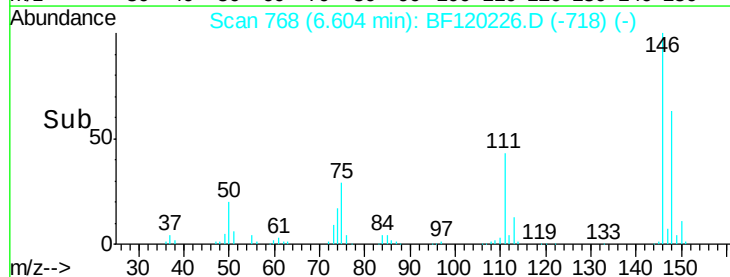
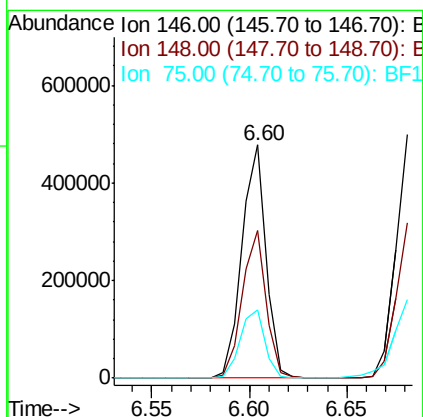
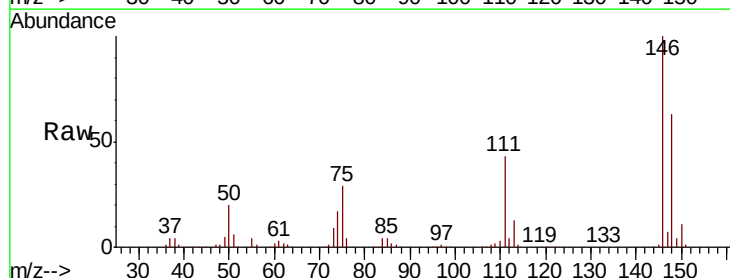
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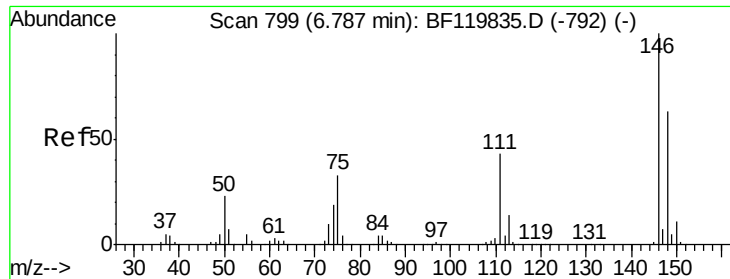
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#12  
1,3-Dichlorobenzene  
Concen: 48.113 ng  
RT: 6.60 min Scan# 768  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 408018 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.1  | 52.2  | 78.4   |
| 75       | 29.3  | 23.0  | 34.4   |





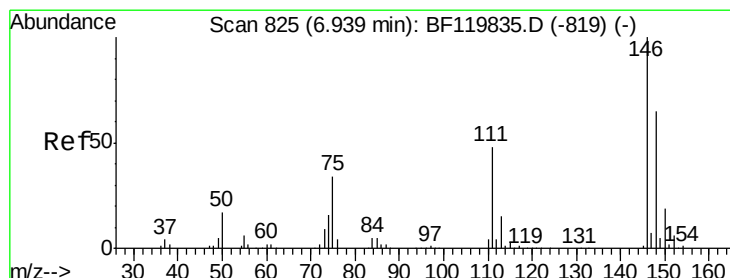
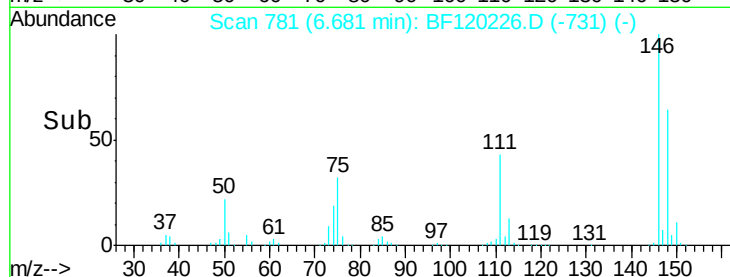
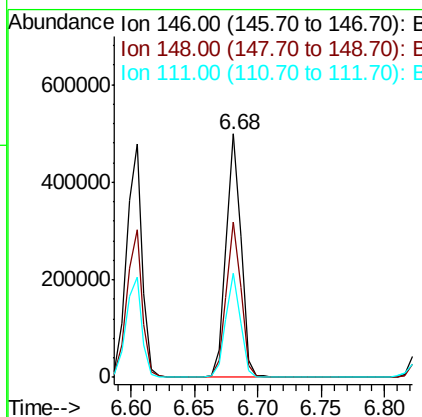
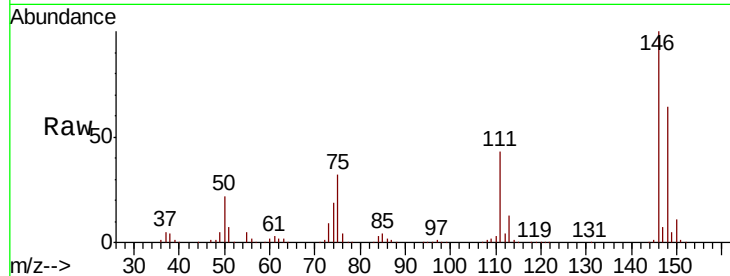
#13  
 1,4-Dichlorobenzene  
 Concen: 47.482 ng  
 RT: 6.68 min Scan# 781  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.5  | 77.3  |
| 111     | 42.7  | 33.3  | 49.9  |

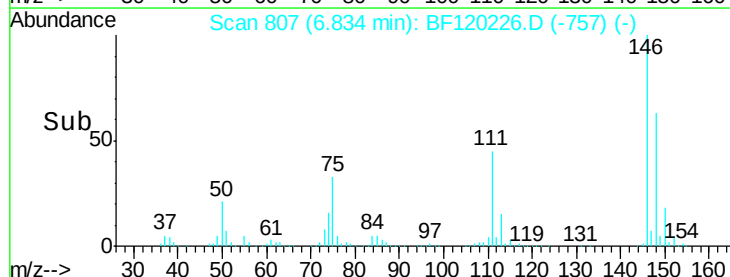
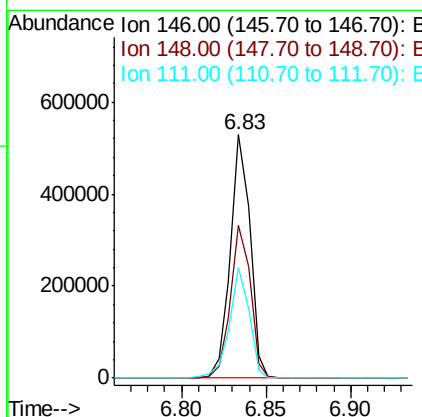
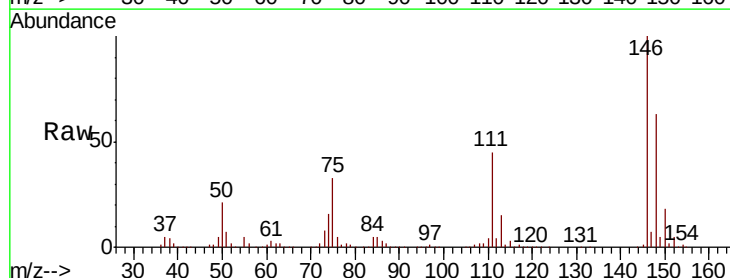
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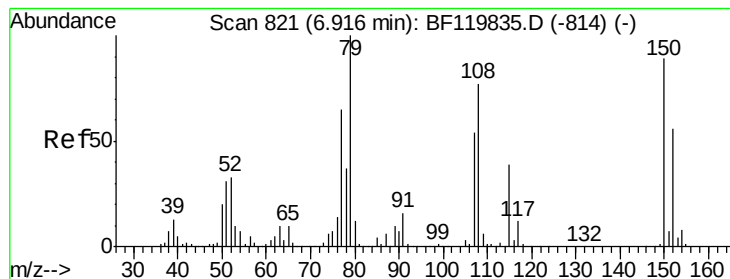
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#14  
 1,2-Dichlorobenzene  
 Concen: 53.859 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.6  | 75.8  |
| 111     | 45.2  | 36.1  | 54.1  |





#15

Benzyl Alcohol

Concen: 34.268 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

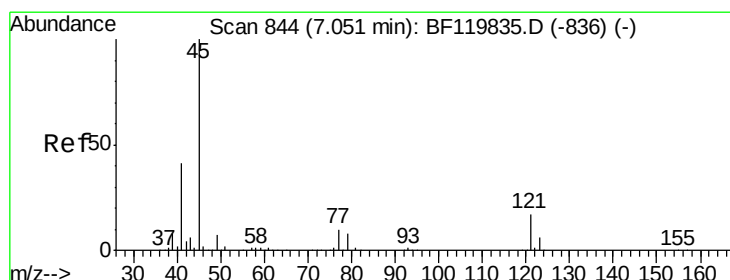
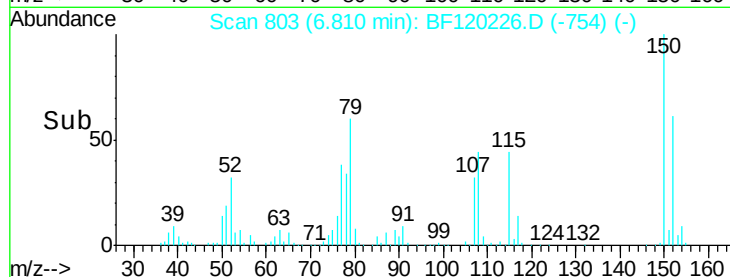
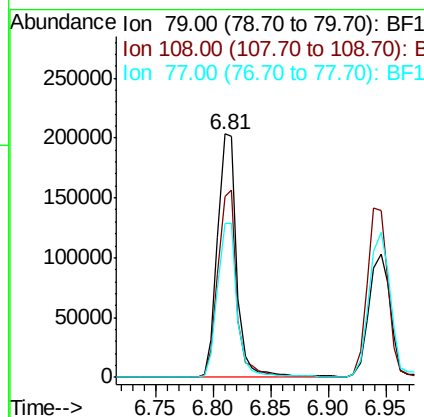
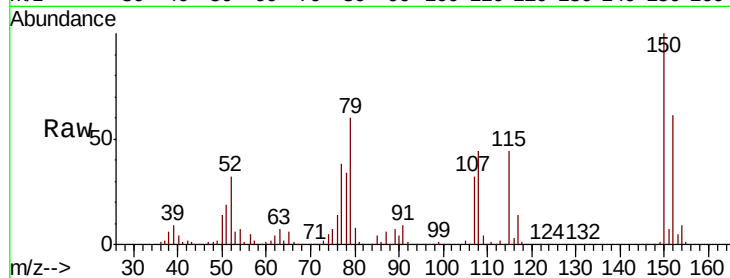
ClientSampled :

HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 237767 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 74.3  | 60.6  | 90.8   |
| 77        | 63.5  | 50.2  | 75.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.977 ng

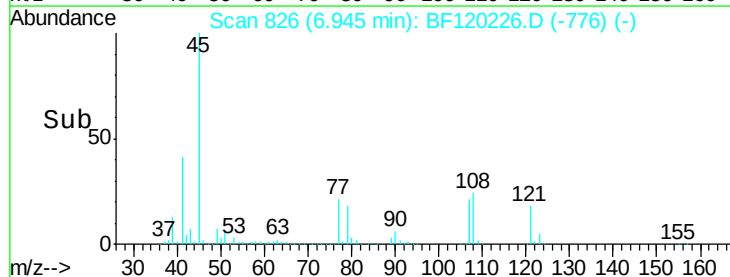
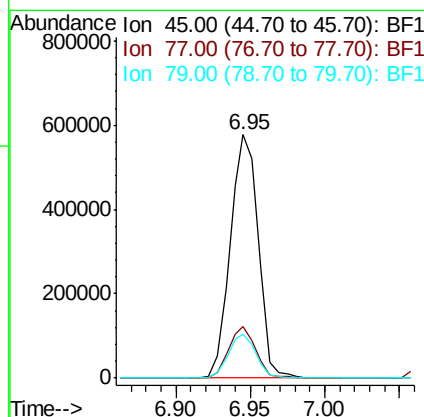
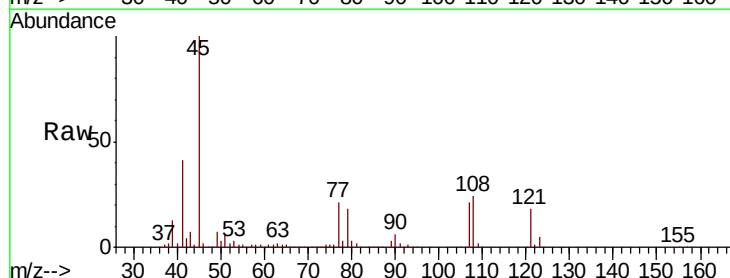
RT: 6.95 min Scan# 826

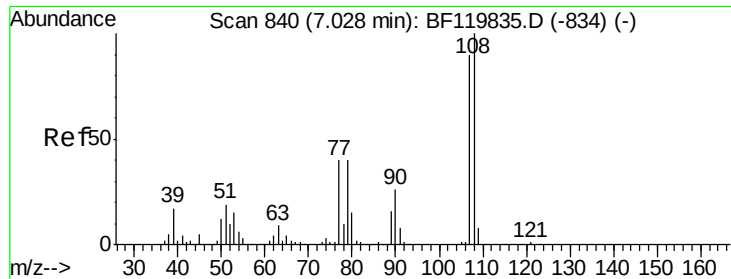
Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 761002 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 21.0  | 0.0   | 30.7   |
| 79        | 17.8  | 0.0   | 28.2   |





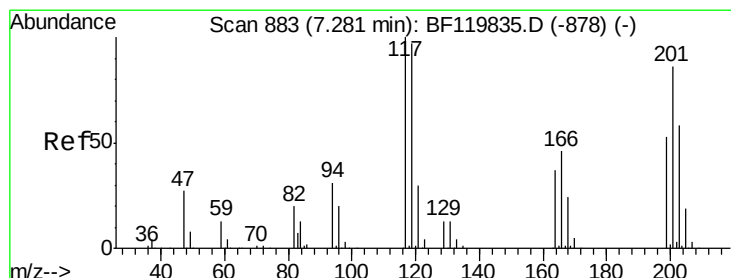
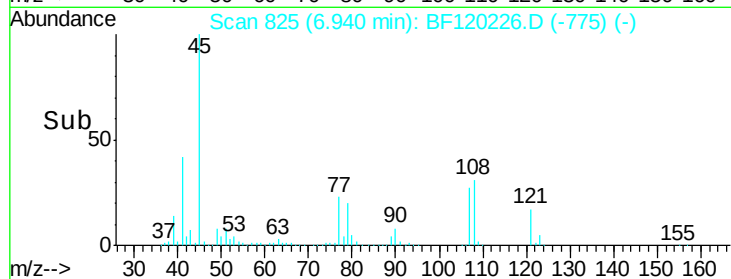
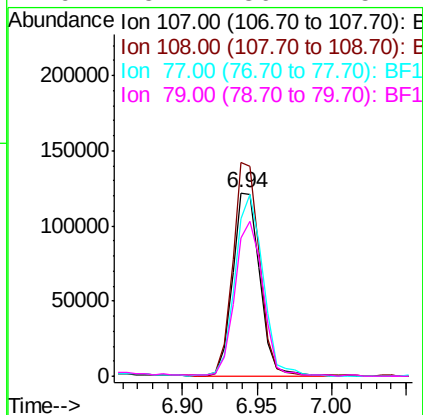
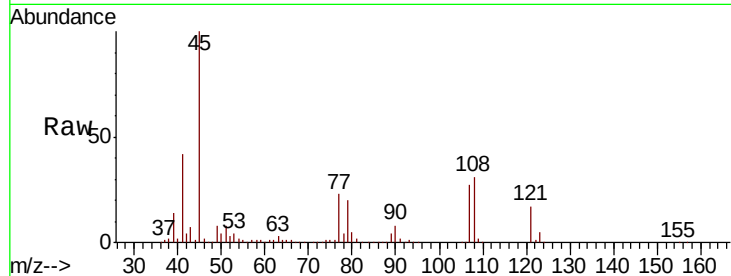
#17  
2-Methylphenol  
Concen: 22.411 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 116.4 | 92.2  | 138.4 |
| 77      | 85.9  | 36.6  | 54.8  |
| 79      | 75.2  | 36.2  | 54.4  |

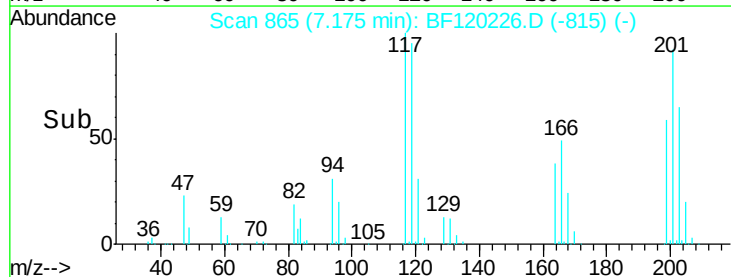
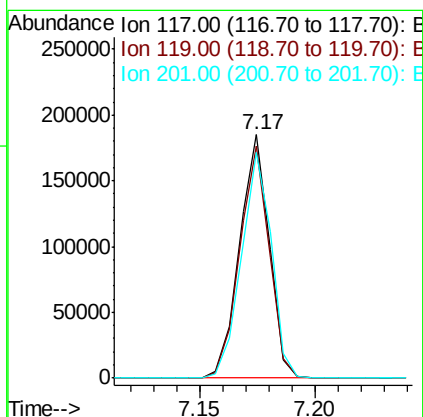
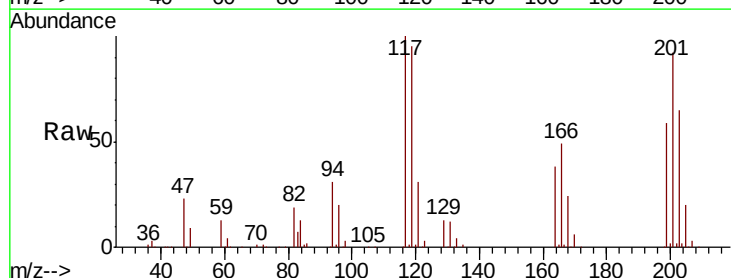
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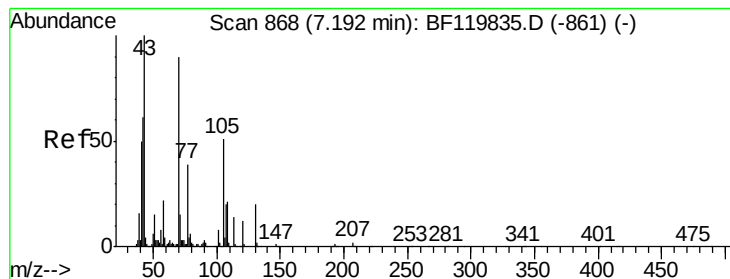
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#18  
Hexachloroethane  
Concen: 51.378 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 76.1  | 114.1 |
| 201     | 92.5  | 73.0  | 109.6 |





#19

n-Nitroso-di-n-propylamine

Concen: 57.564 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

ClientSampleId :

HW-7MSD

Tot Ion: 70 Resp: 330672

Ion Ratio Lower Upper

70 100

42 67.2 54.5 81.7

101 9.6 7.6 11.4

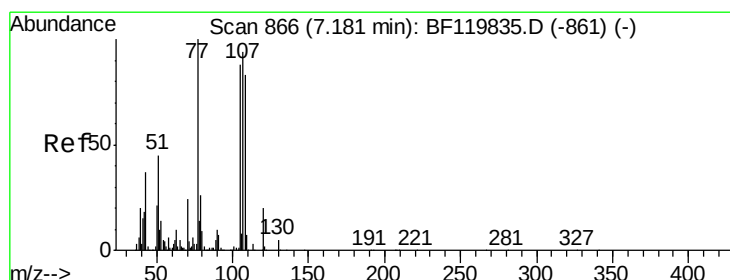
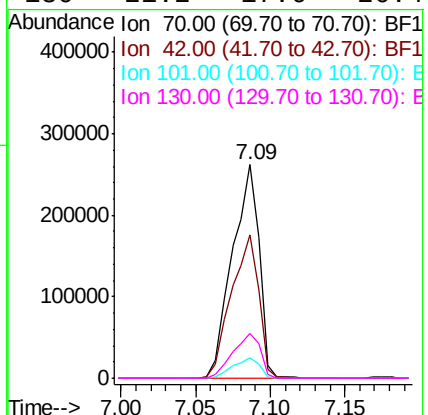
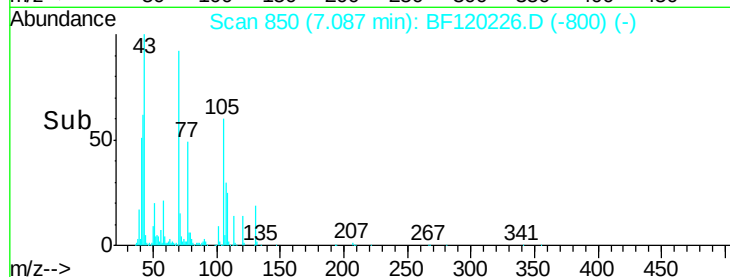
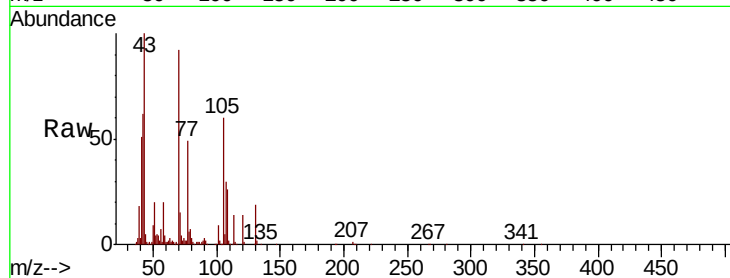
130 21.2 17.6 26.4

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#20

3+4-Methylphenols

Concen: 20.001 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Tgt Ion: 107 Resp: 169097

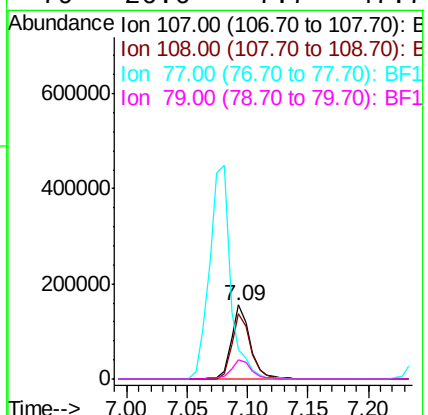
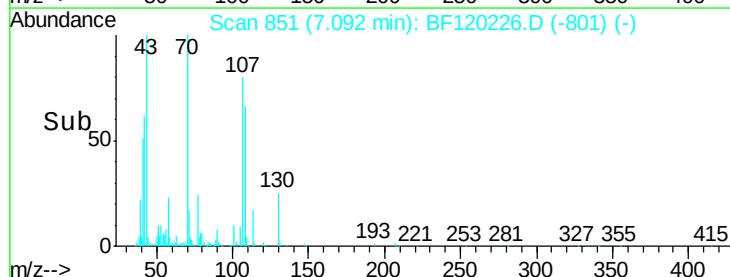
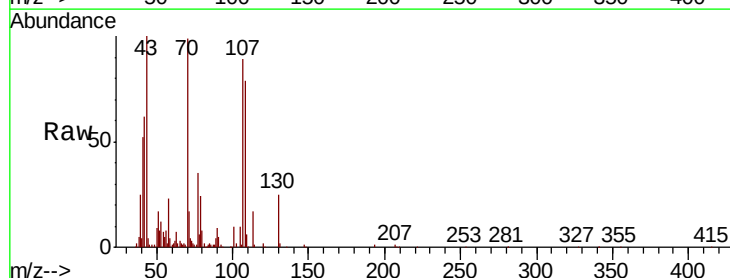
Ion Ratio Lower Upper

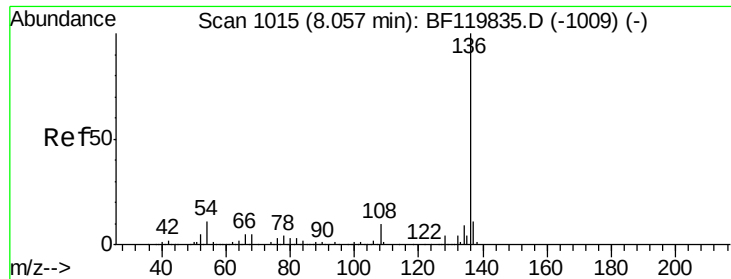
107 100

108 88.2 67.9 107.9

77 39.4 52.9 92.9#

79 26.6 7.7 47.7





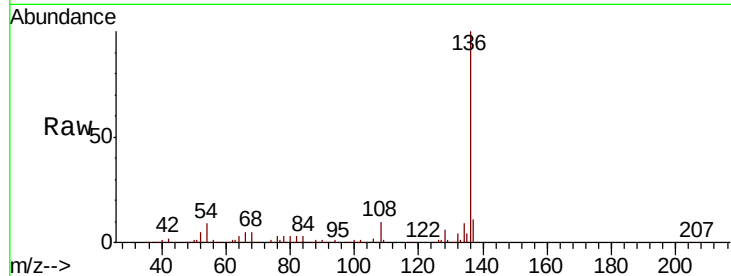
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

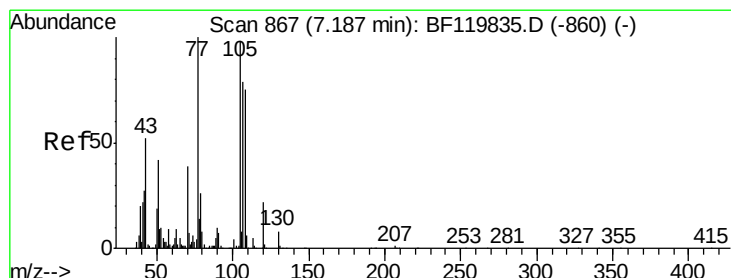
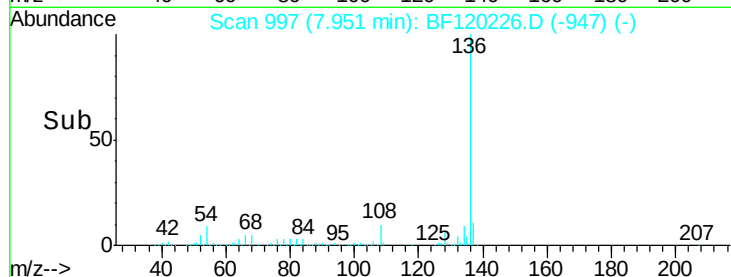
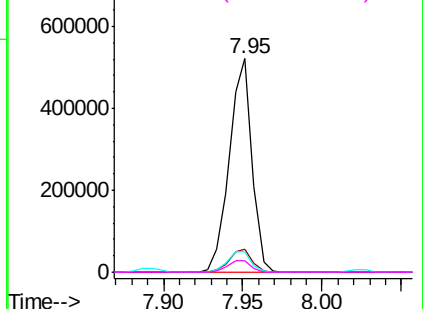
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 513764 |       |       |
| 137     | 10.8  |        | 8.7   | 13.1  |
| 54      | 9.4   |        | 9.1   | 13.7  |
| 68      | 5.5   |        | 4.6   | 6.8   |

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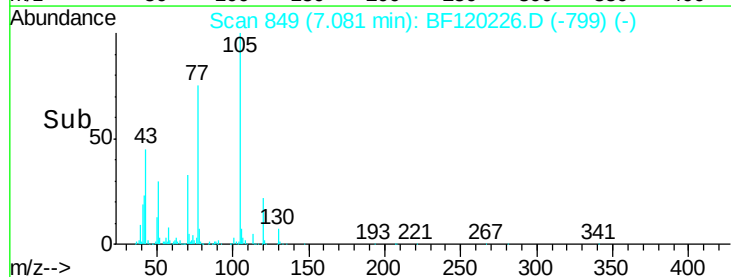
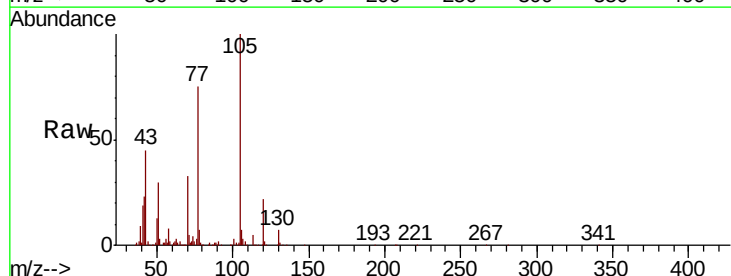
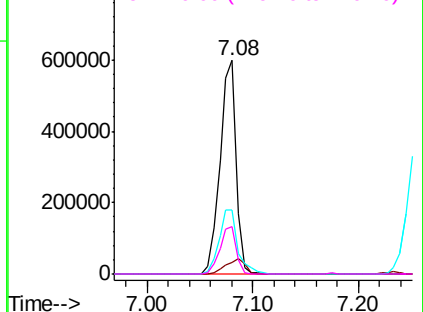
Abundance Ion 136.00 (135.70 to 136.70): E  
800000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

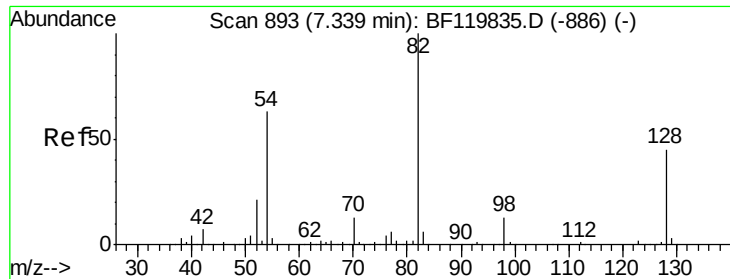


#22  
Acetophenone  
Concen: 53.386 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 642272 |       |       |
| 71      | 5.4   |        | 5.7   | 8.5#  |
| 51      | 30.0  |        | 26.2  | 39.4  |
| 120     | 22.2  |        | 18.3  | 27.5  |

Abundance Ion 105.00 (104.70 to 105.70): E  
800000  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





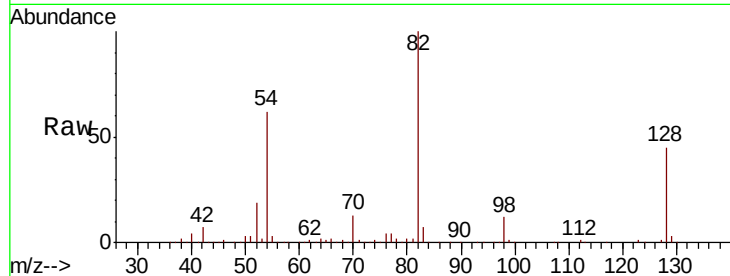
#23  
 Nitrobenzene-d5  
 Concen: 93.302 ng  
 RT: 7.23 min Scan# 875  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

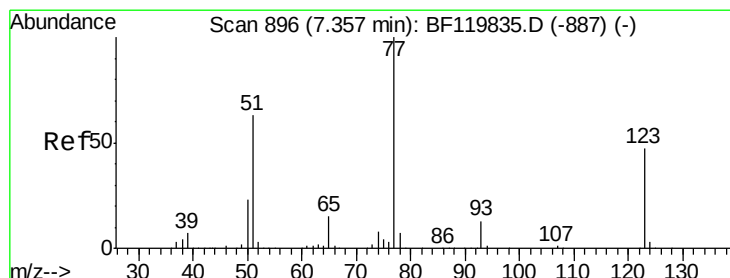
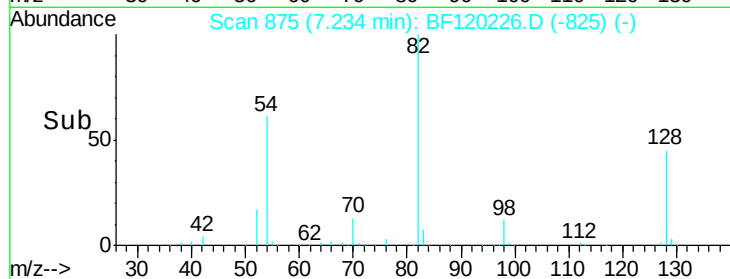
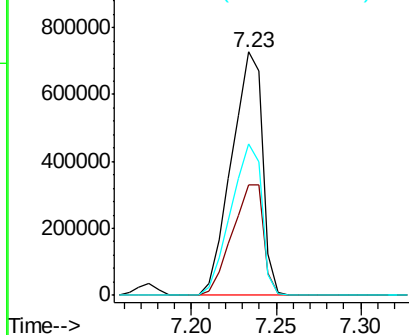
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.4  | 36.3  | 54.5  |
| 54      | 62.2  | 50.6  | 75.8  |

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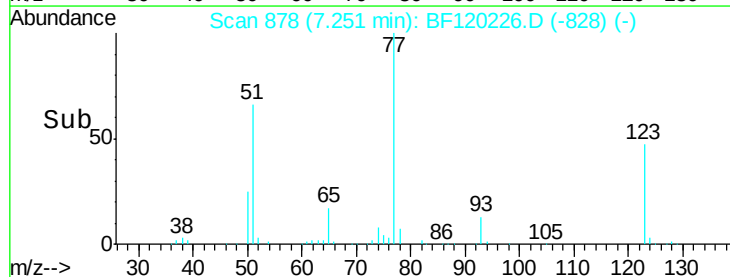
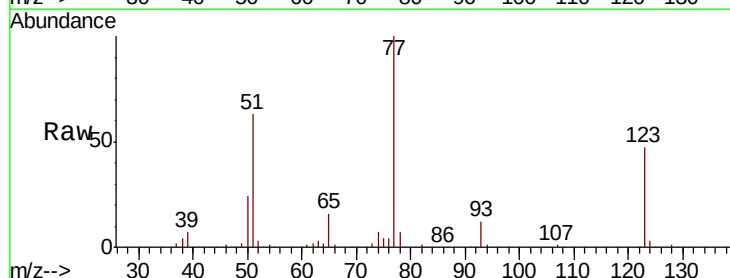
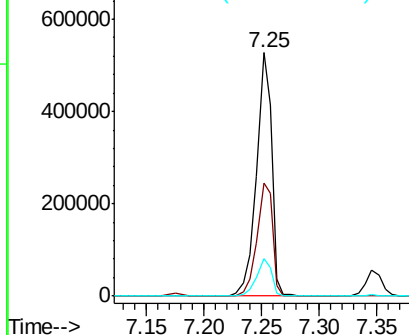
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



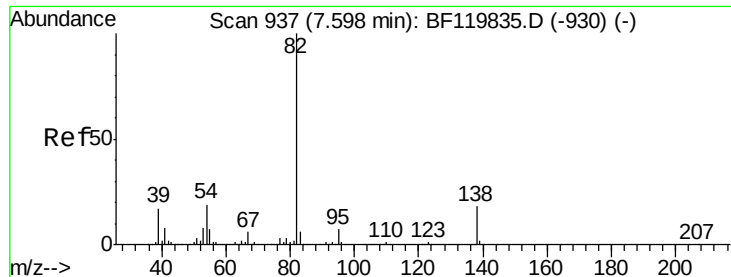
#24  
 Nitrobenzene  
 Concen: 48.758 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.5  | 38.0  | 57.0  |
| 65      | 15.5  | 12.6  | 18.8  |

Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 46.666 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

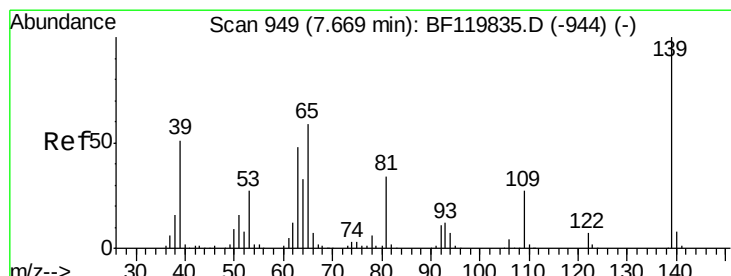
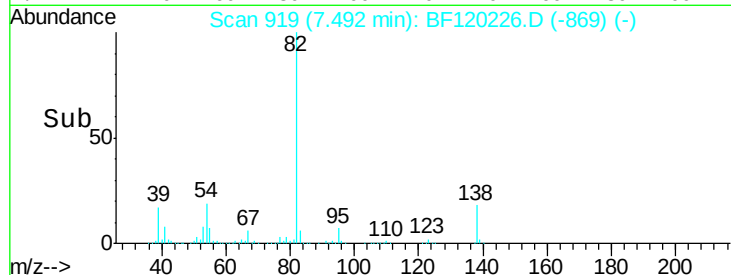
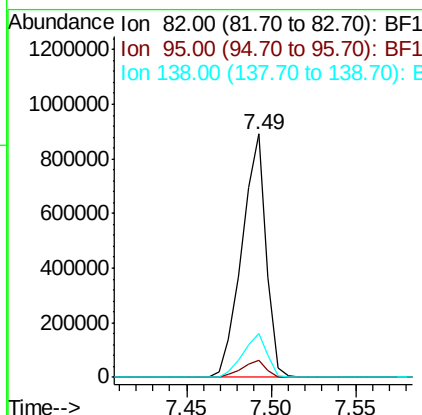
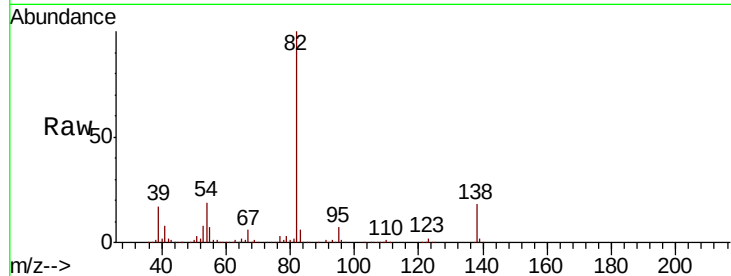
ClientSampleId :

HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 893380 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.8   | 8.6    |
| 138       | 18.0  | 14.6  | 21.8   |

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#26

2-Nitrophenol

Concen: 24.219 ng

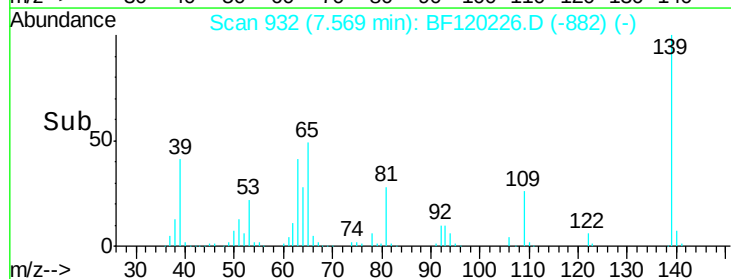
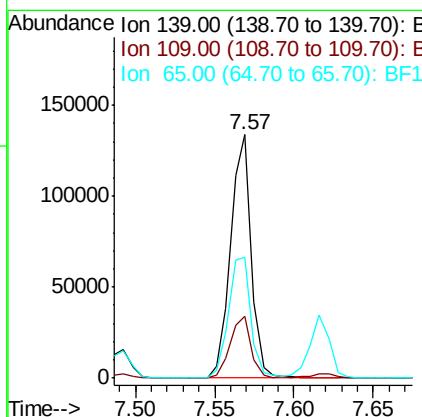
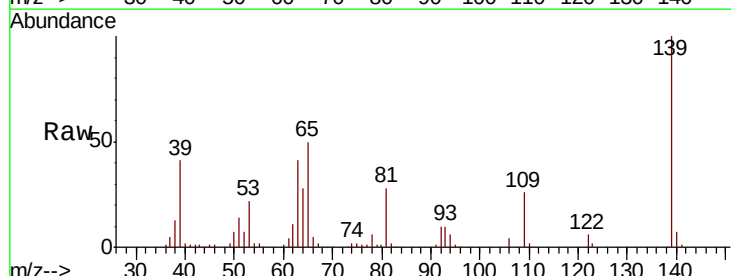
RT: 7.57 min Scan# 932

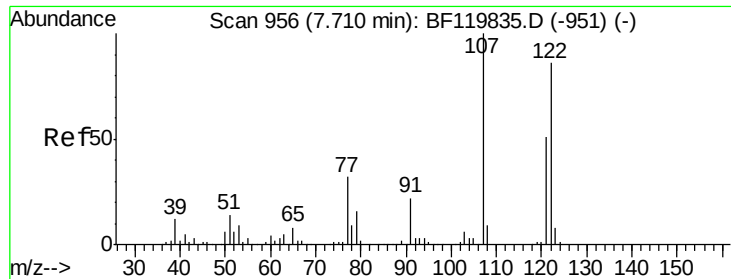
Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 120879 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.5  | 22.1  | 33.1   |
| 65        | 49.7  | 49.2  | 73.8   |





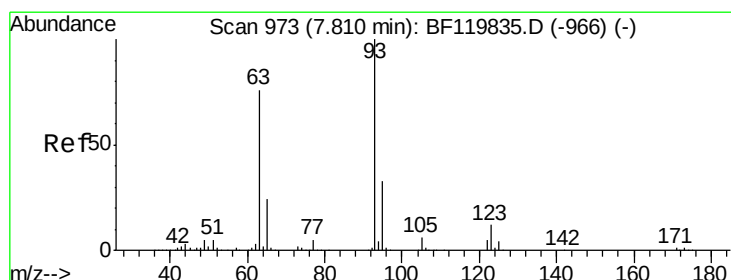
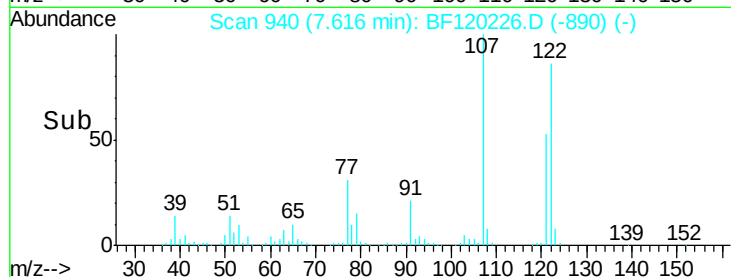
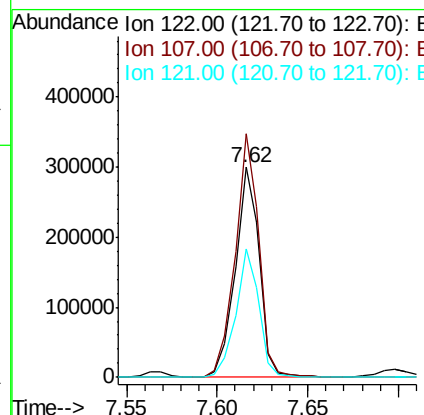
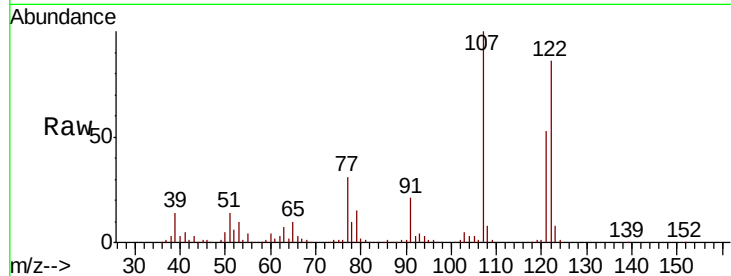
#27  
 2,4-Dimethylphenol  
 Concen: 36.829 ng  
 RT: 7.62 min Scan# 940  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.8 | 89.0  | 133.6 |
| 121     | 61.3  | 46.7  | 70.1  |

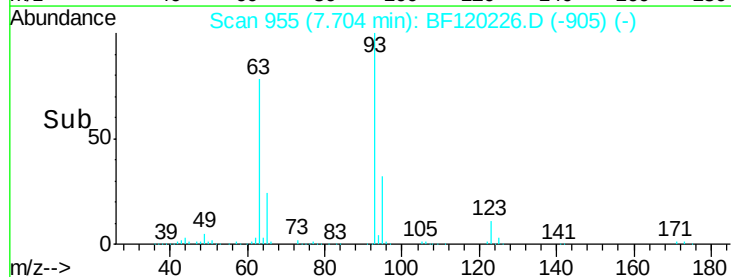
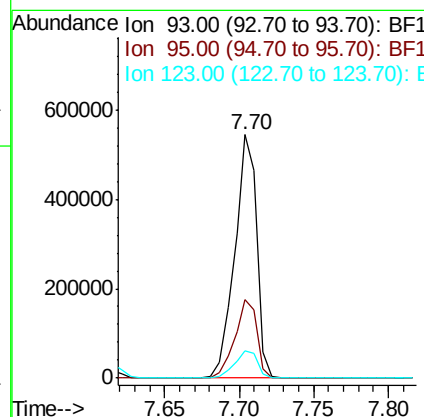
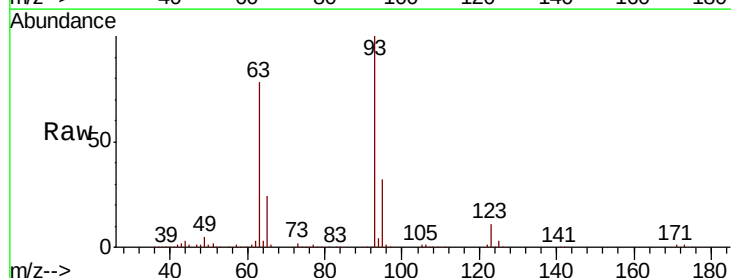
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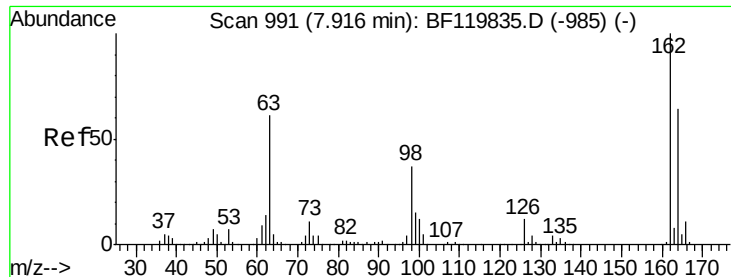
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.247 ng  
 RT: 7.70 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 26.3  | 39.5  |
| 123     | 11.0  | 9.7   | 14.5  |





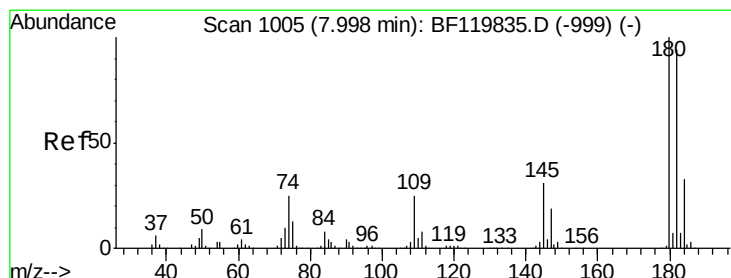
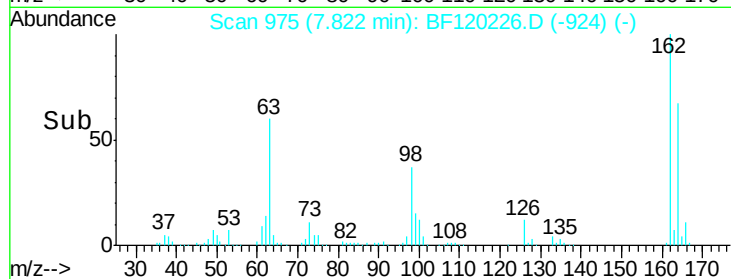
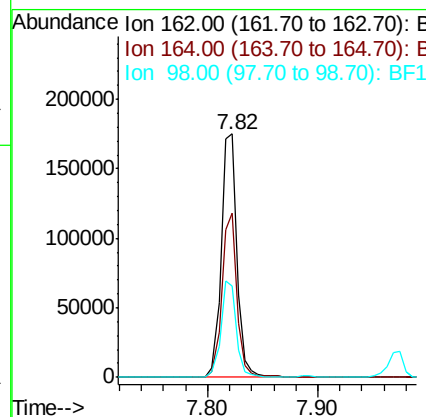
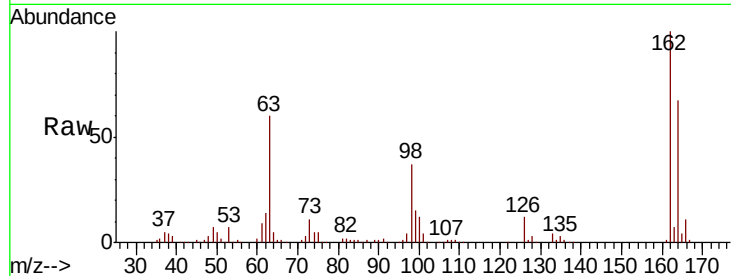
#29  
2,4-Dichlorophenol  
Concen: 22.612 ng  
RT: 7.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 174468 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 67.5  | 44.7  | 84.7   |
| 98        | 37.4  | 20.7  | 60.7   |

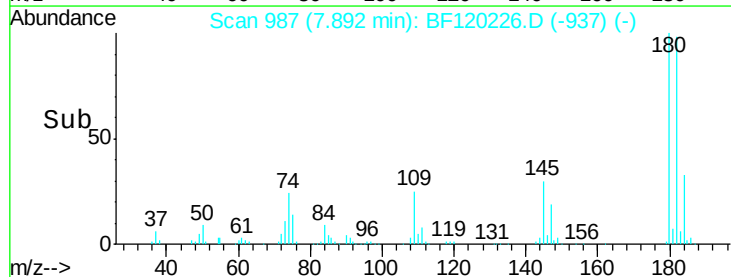
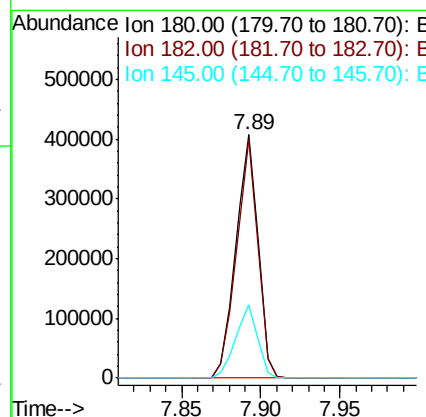
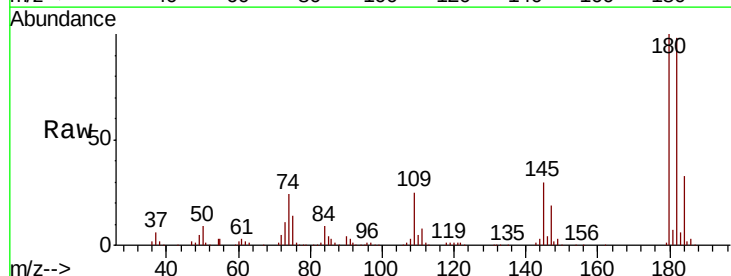
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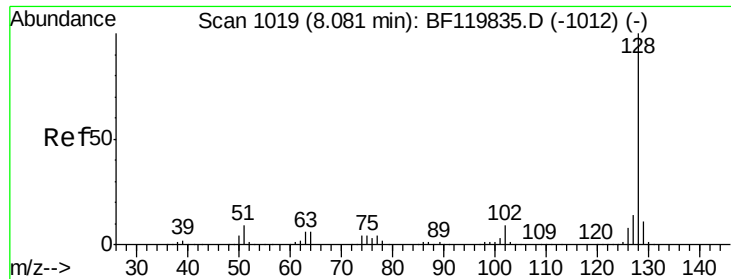
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.294 ng  
RT: 7.89 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 395994 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.9  | 74.7  | 112.1  |
| 145       | 30.2  | 24.5  | 36.7   |





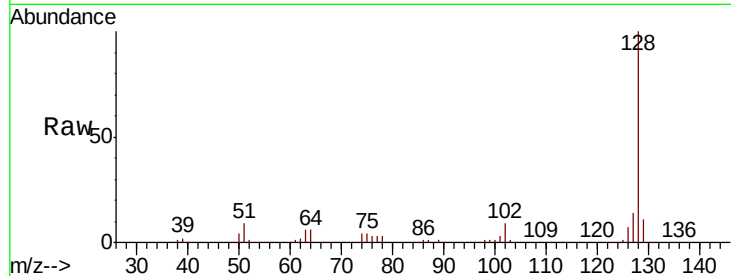
#31  
Naphthalene  
Concen: 47.745 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

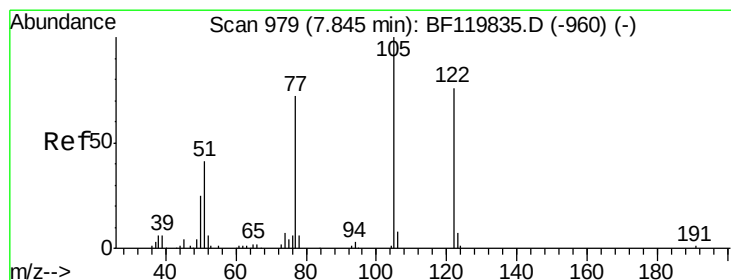
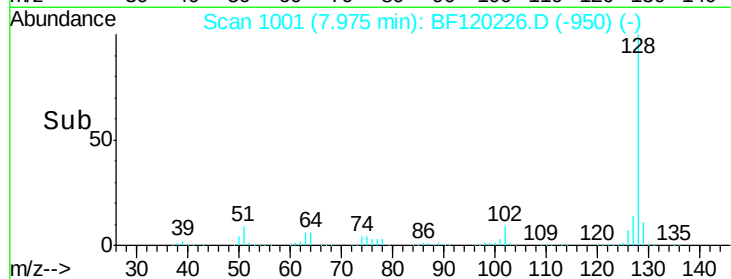
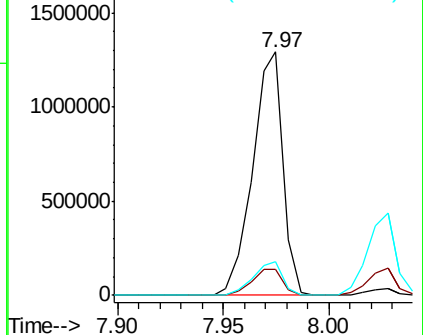
Tot Ion:128 Resp: 1290577  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.5 14.3  
127 13.6 11.3 16.9

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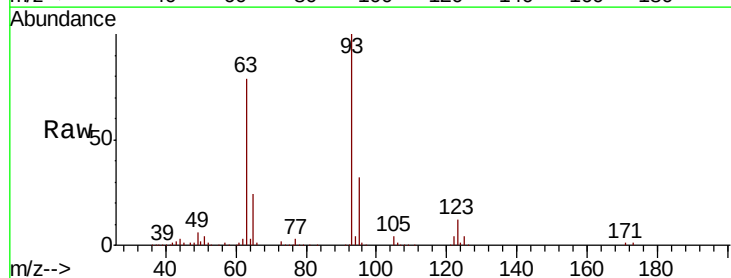


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

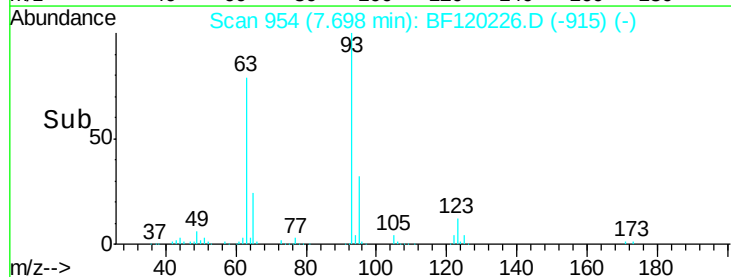
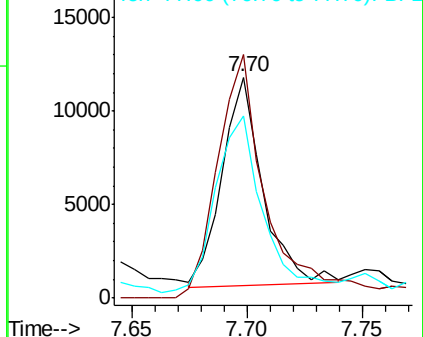


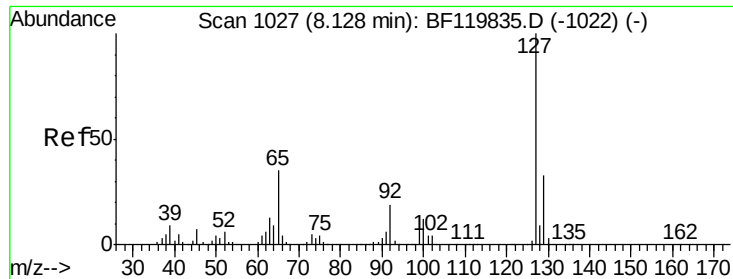
#32  
Benzoic acid  
Concen: 2.071 ng  
RT: 7.70 min Scan# 954  
Delta R.T. -0.07 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Tgt Ion:122 Resp: 13694  
Ion Ratio Lower Upper  
122 100  
105 110.1 104.9 144.9  
77 82.5 74.4 114.4



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





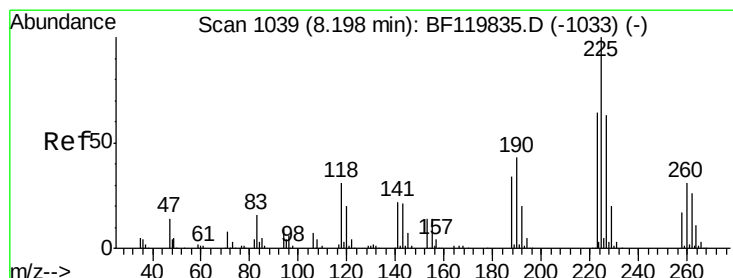
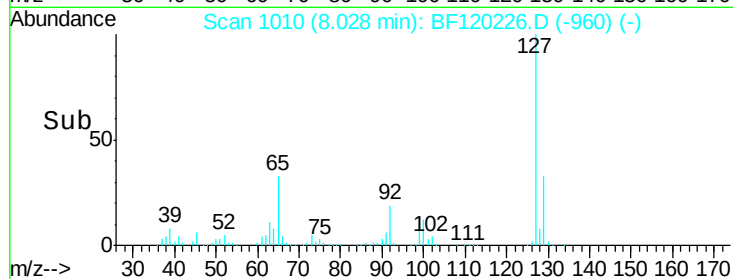
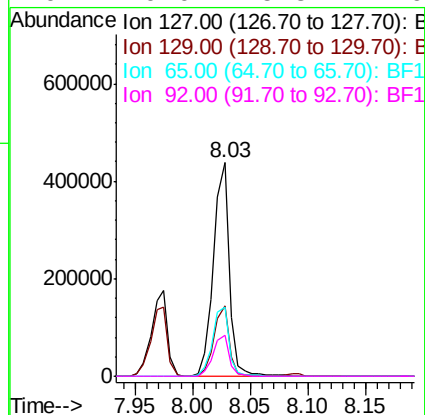
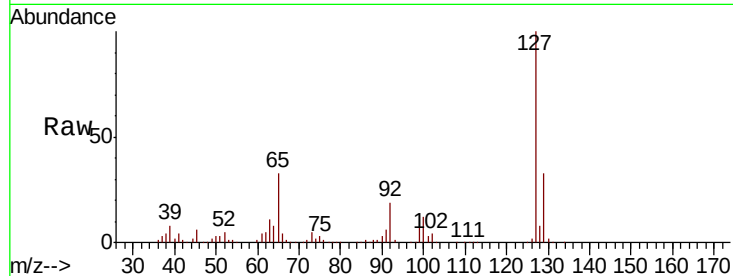
#33  
4-Chloroaniline  
Concen: 35.508 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 417843  | 127 | 100   |      |       |       |
|         | 129 | 32.9  | 26.2 | 39.4  |       |
|         | 65  | 32.6  | 27.4 | 41.0  |       |
|         | 92  | 19.0  | 15.3 | 22.9  |       |

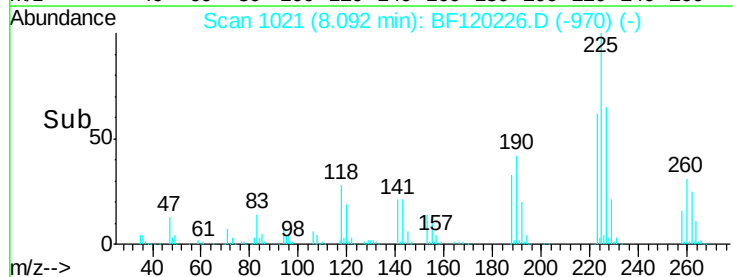
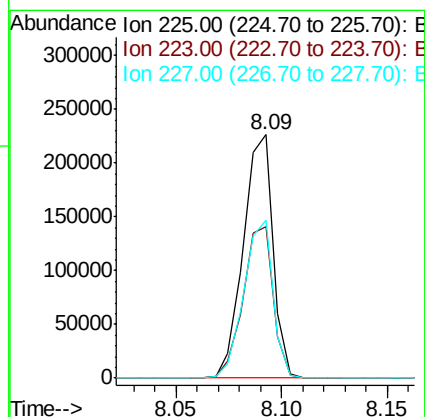
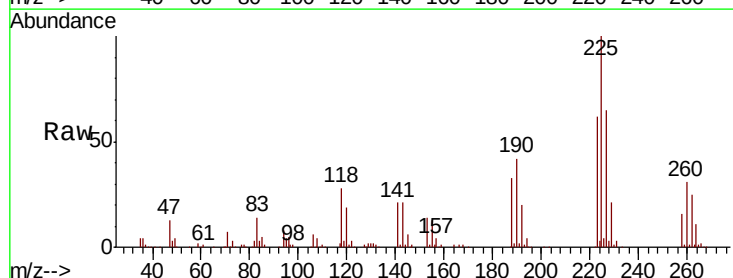
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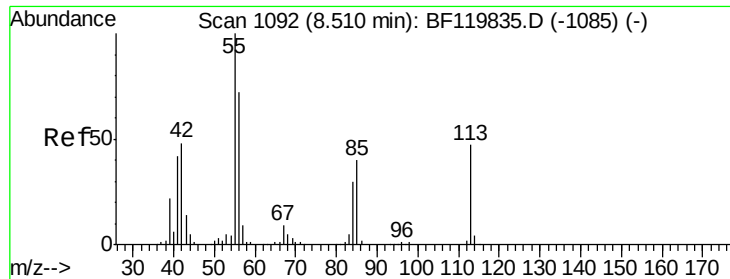
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#34  
Hexachlorobutadiene  
Concen: 42.225 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 220983  | 225 | 100   |      |       |       |
|         | 223 | 62.3  | 51.0 | 76.6  |       |
|         | 227 | 65.0  | 50.7 | 76.1  |       |





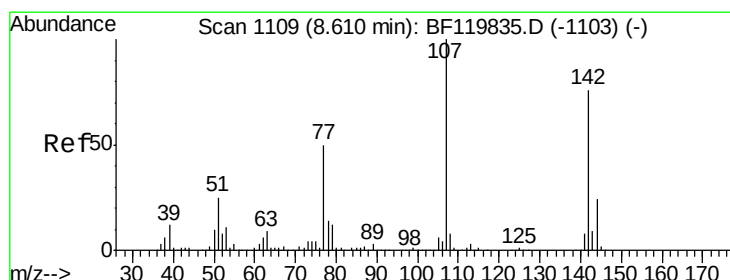
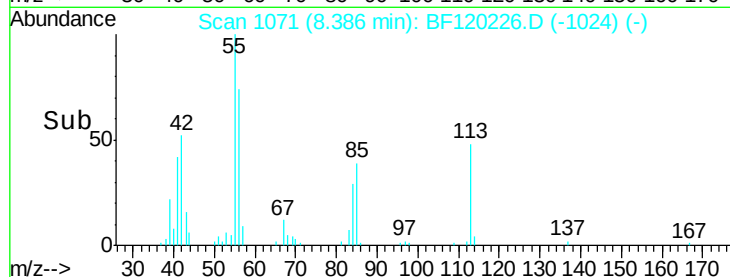
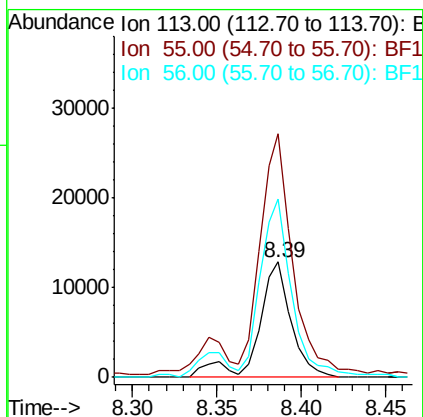
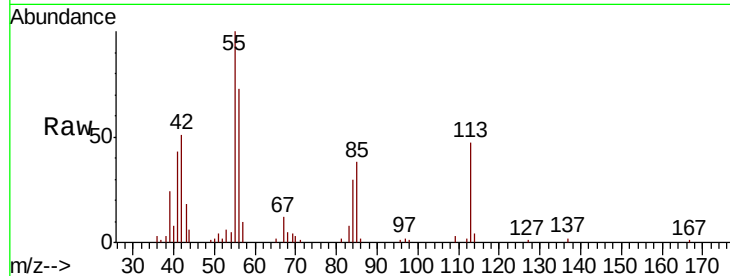
#35  
Caprolactam  
Concen: 7.414 ng/ml  
RT: 8.39 min Scan# 1071  
Delta R.T. -0.02 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |
| 55      | 211.4 | 218.4 | 258.4 | #     |
| 56      | 155.3 | 148.9 | 188.9 |       |

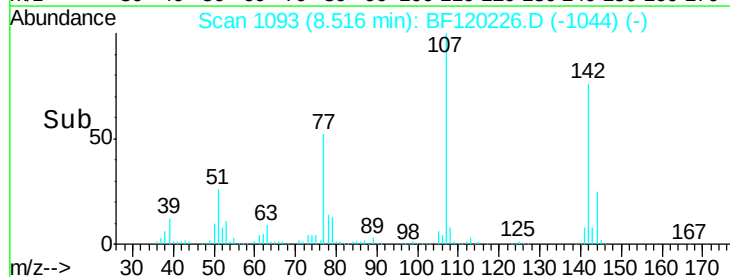
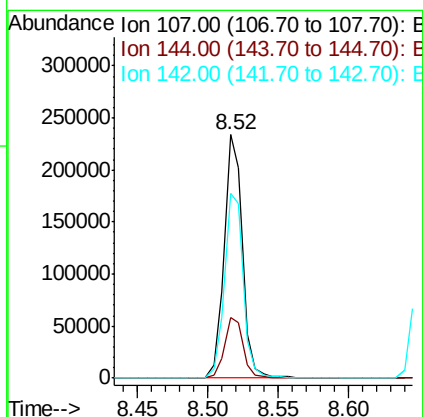
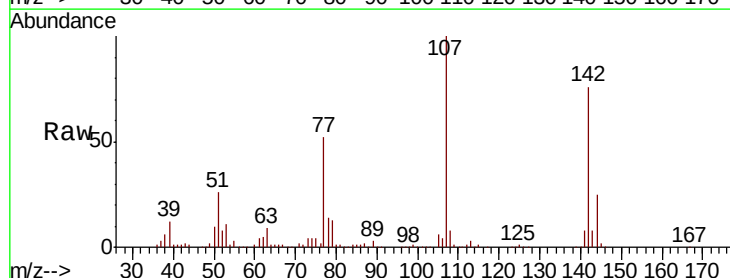
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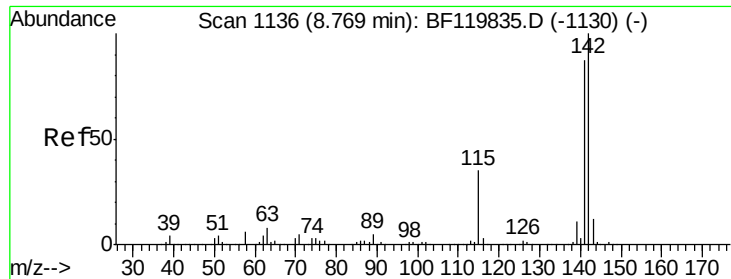
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#36  
4-Chloro-3-methylphenol  
Concen: 25.169 ng  
RT: 8.52 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 144     | 25.1 | 21.0  | 31.6  |       |
| 142     | 76.1 | 64.4  | 96.6  |       |





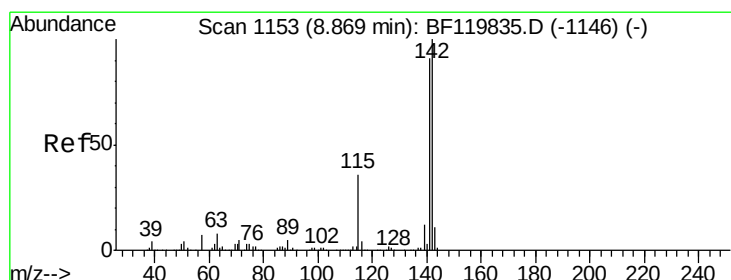
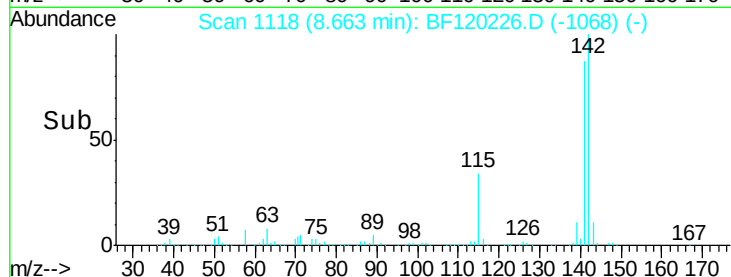
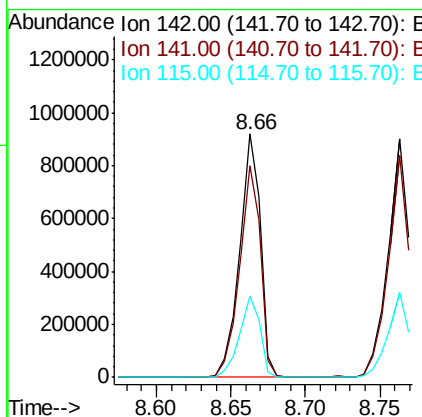
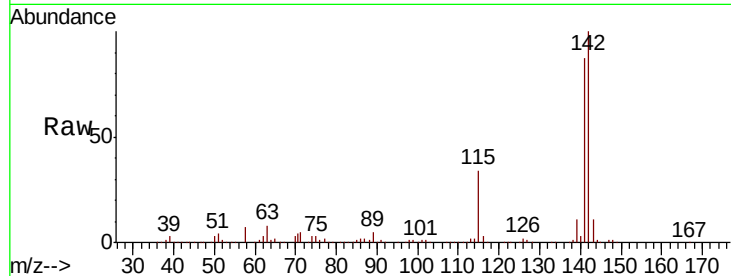
#37  
2-Methylnaphthalene  
Concen: 48.535 ng  
RT: 8.66 min Scan# 1118  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.8  | 71.7  | 107.5 |
| 115     | 33.5  | 27.9  | 41.9  |

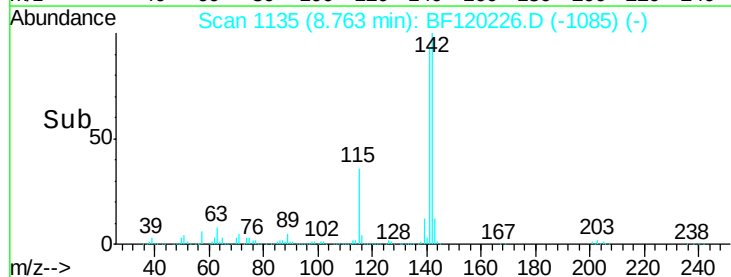
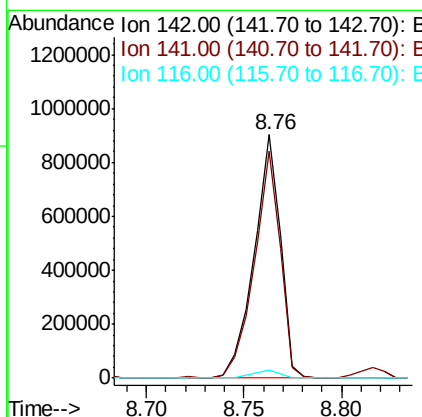
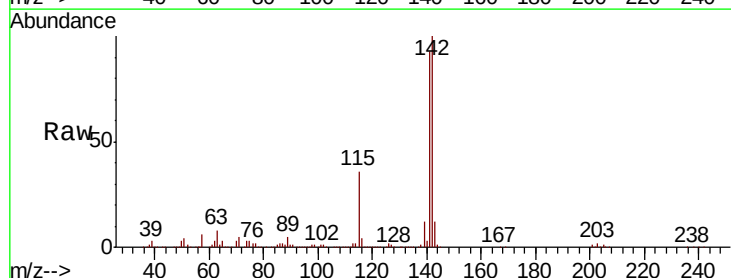
Manual Integrations  
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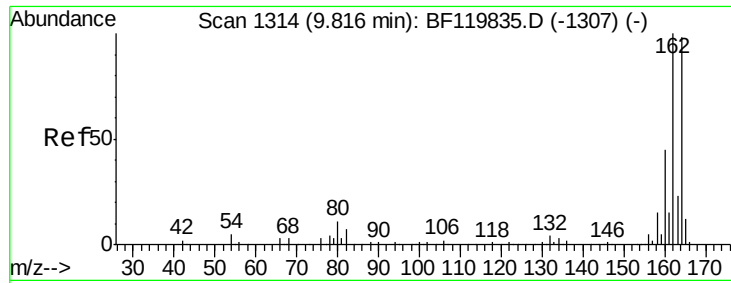
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#38  
1-Methylnaphthalene  
Concen: 48.456 ng  
RT: 8.76 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 73.7  | 110.5 |
| 116     | 3.5   | 3.0   | 4.6   |





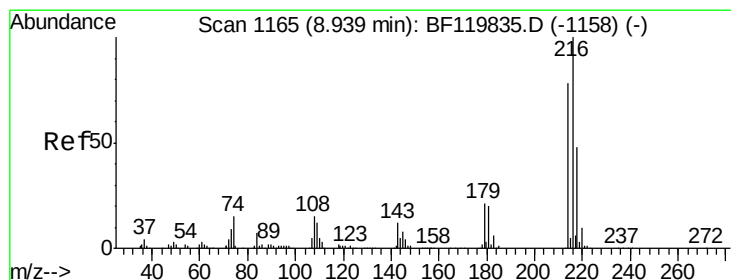
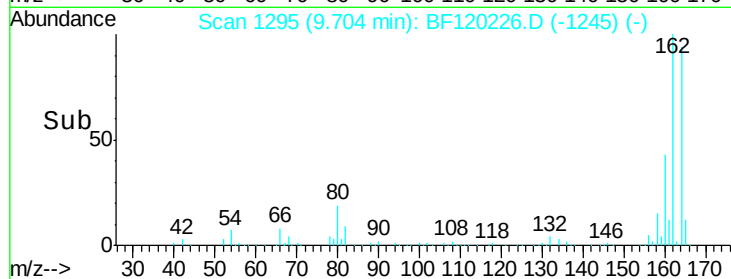
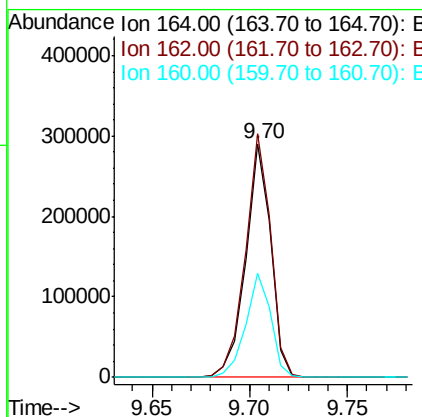
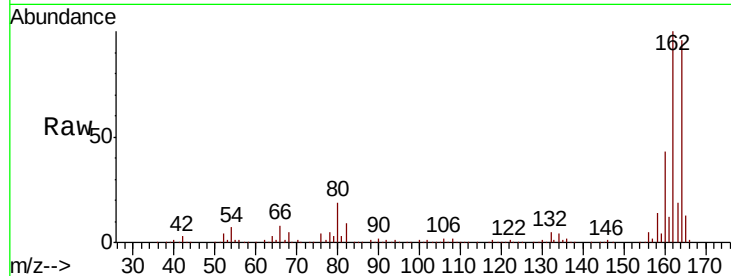
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 104.3 | 80.6 | 121.0 |       |
| 160     | 44.6  | 35.7 | 53.5  |       |

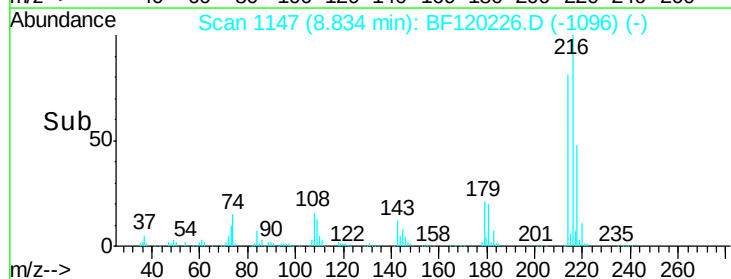
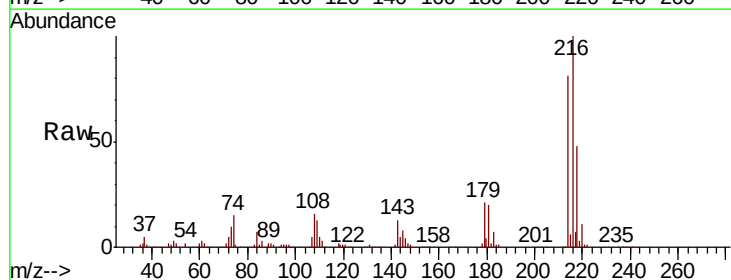
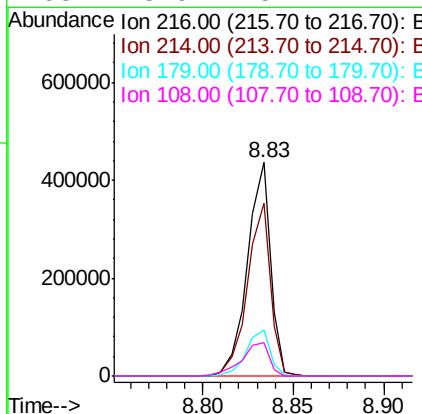
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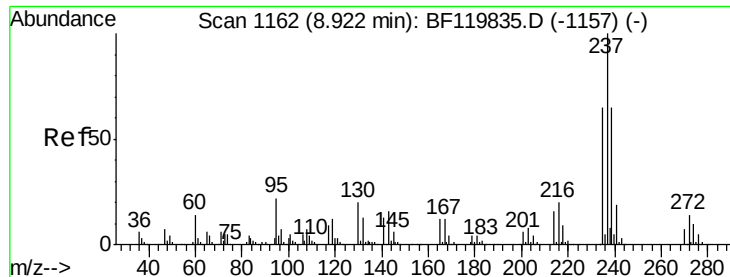


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.460 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.9  | 63.2 | 94.8  |       |
| 179     | 21.9  | 17.1 | 25.7  |       |
| 108     | 18.9  | 15.1 | 22.7  |       |







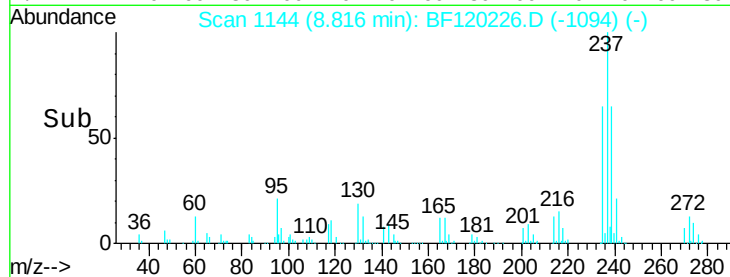
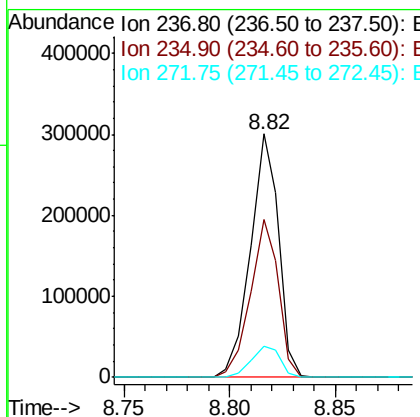
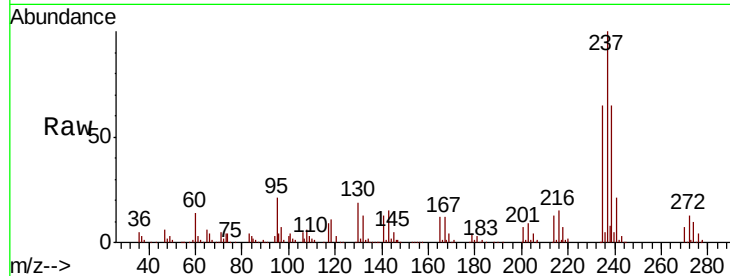
#41  
Hexachlorocyclopentadiene  
Concen: 60.016 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 278412 |       |       |
| 235     | 64.9  | 43.2   | 83.2  |       |
| 272     | 13.0  | 0.0    | 34.1  |       |

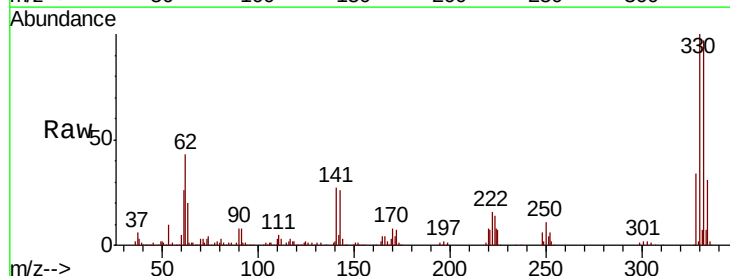
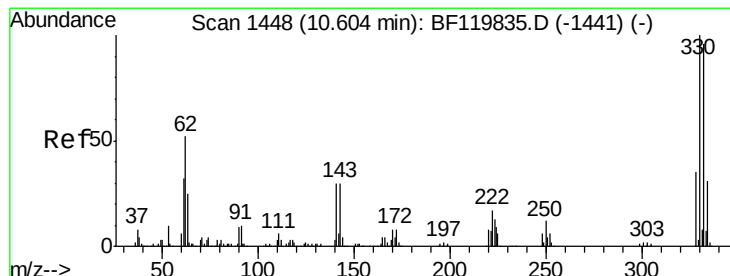
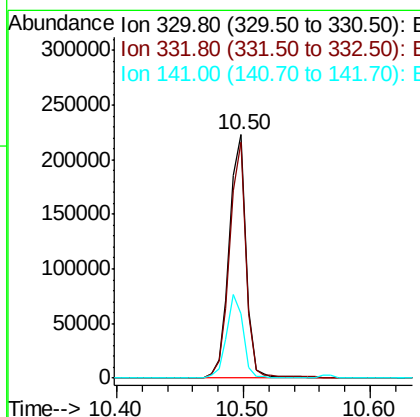
Manual Integrations  
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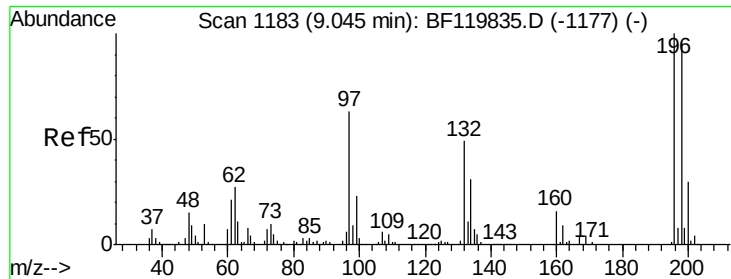
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 65.440 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 206945 |       |       |
| 332     | 94.7  | 75.7   | 113.5 |       |
| 141     | 33.5  | 25.4   | 38.0  |       |





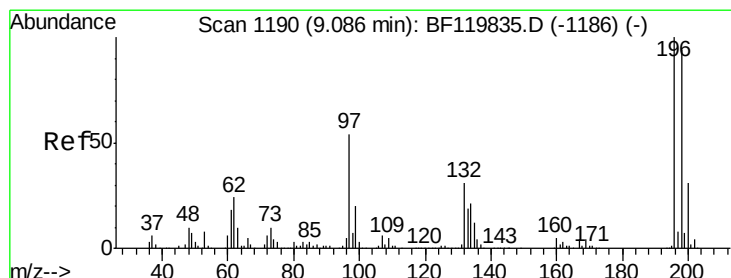
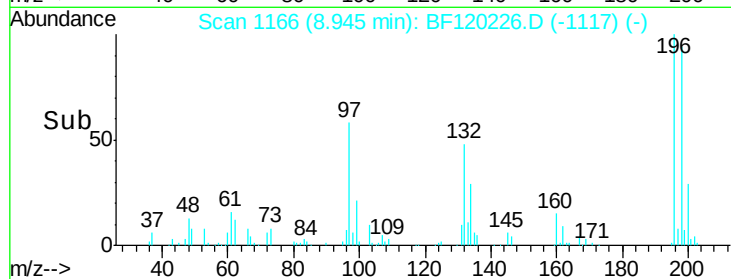
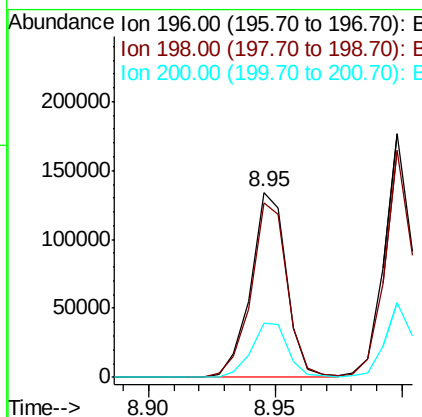
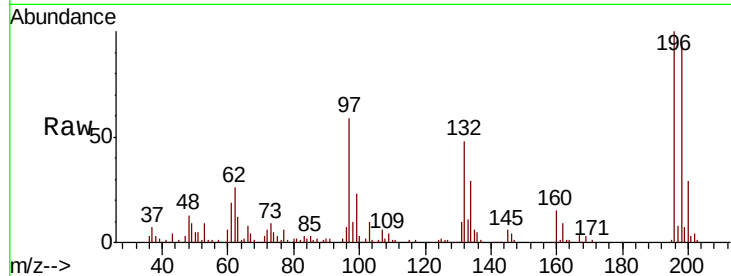
#43  
 2,4,6-Trichlorophenol  
 Concen: 23.586 ng  
 RT: 8.95 min Scan# 1166  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampled :  
 HW-7MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 132869 |       |       |
| 198     | 94.0  | 76.6   | 115.0 |       |
| 200     | 29.4  | 24.6   | 36.8  |       |

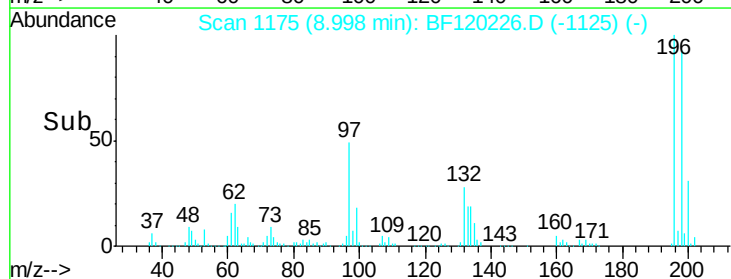
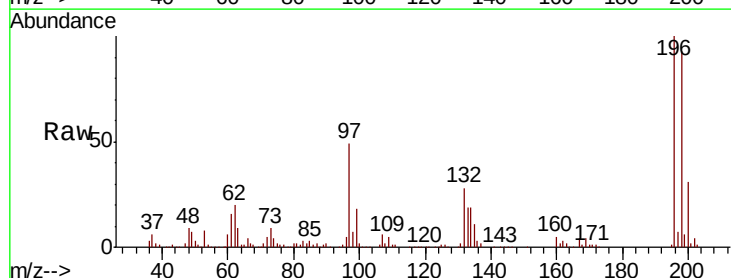
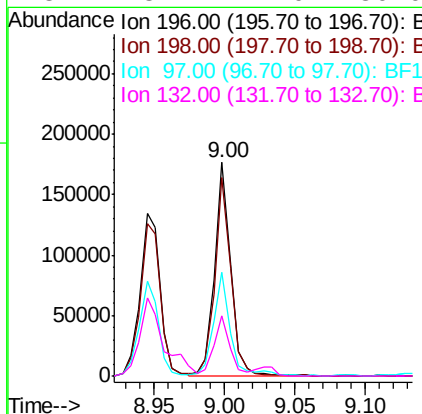
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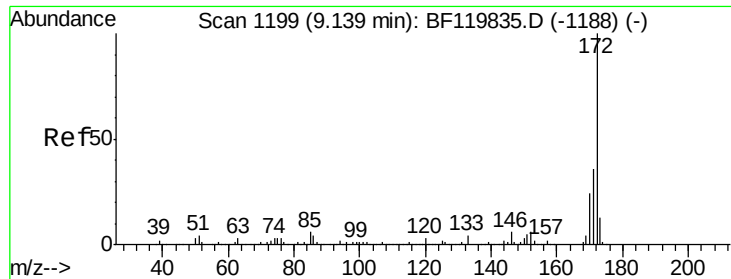
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#44  
 2,4,5-Trichlorophenol  
 Concen: 22.103 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 140243 |       |       |
| 198     | 93.1  | 73.8   | 110.8 |       |
| 97      | 48.6  | 42.6   | 63.8  |       |
| 132     | 28.1  | 24.0   | 36.0  |       |





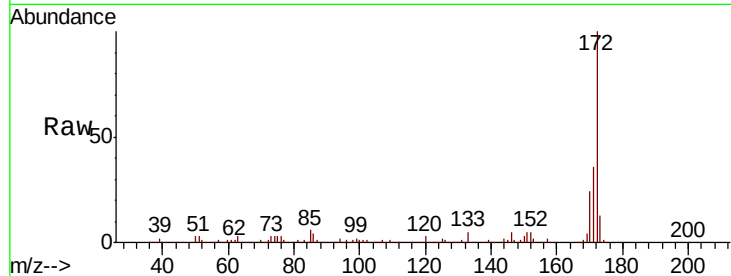
#45  
2-Fluorobiphenyl  
Concen: 95.521 ng  
RT: 9.03 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.6  | 44.4  |
| 170     | 23.7  | 20.2  | 30.2  |

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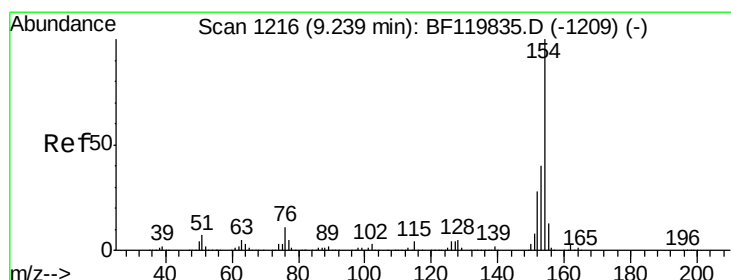
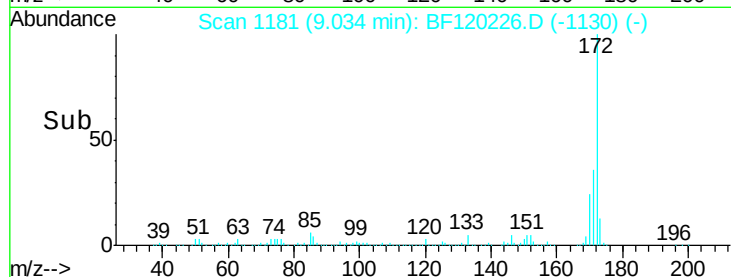
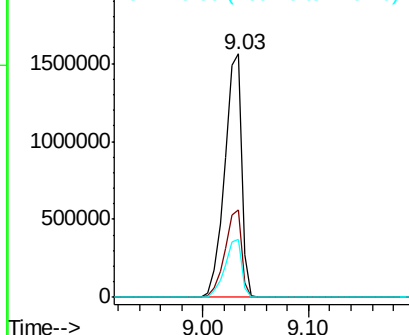


Abundance

Ion 172.00 (171.70 to 172.70): E

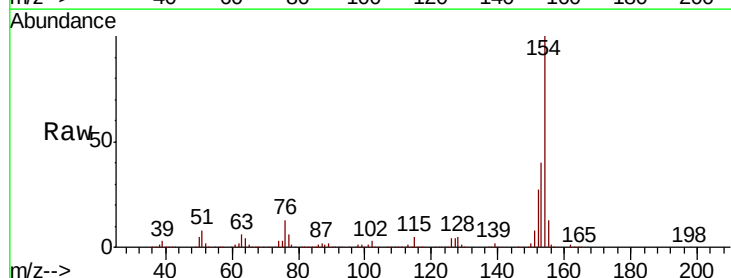
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 49.293 ng  
RT: 9.13 min Scan# 1197  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.0  | 21.4  | 61.4  |
| 76      | 12.9  | 0.0   | 33.0  |

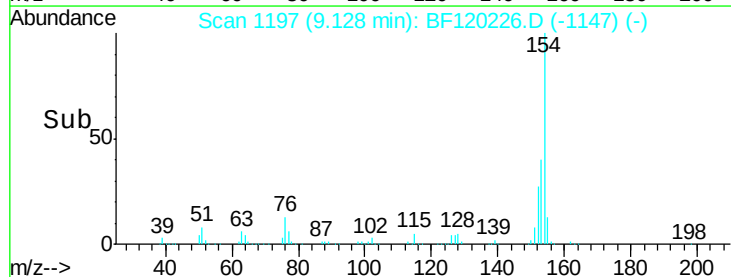
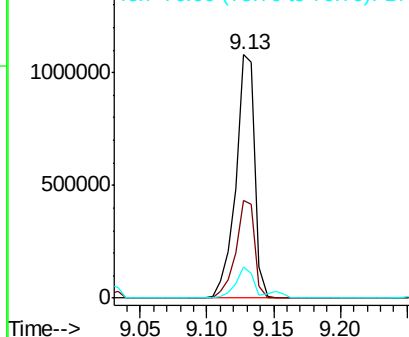


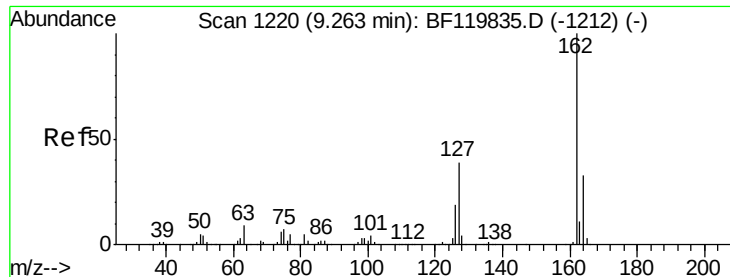
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





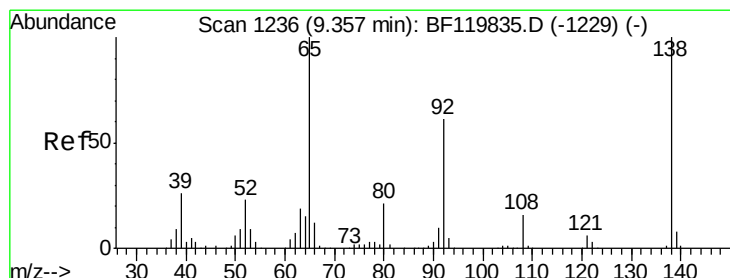
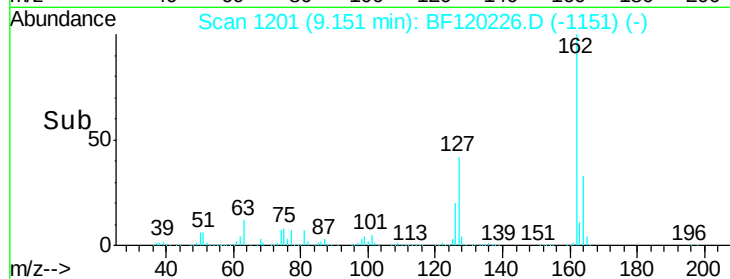
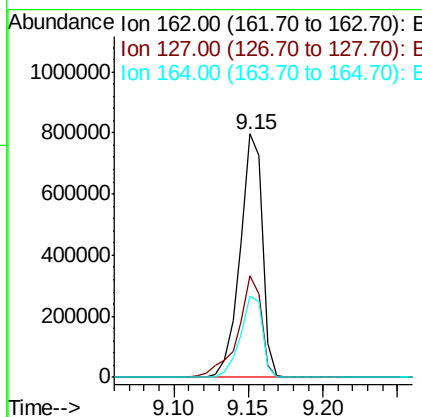
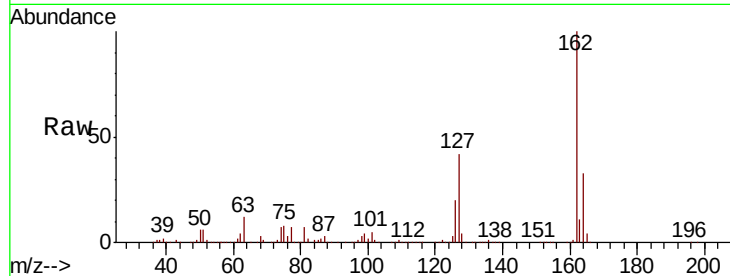
#47  
 2-Chloronaphthalene  
 Concen: 49.091 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.7  | 33.7  | 50.5  |
| 164     | 33.3  | 26.3  | 39.5  |

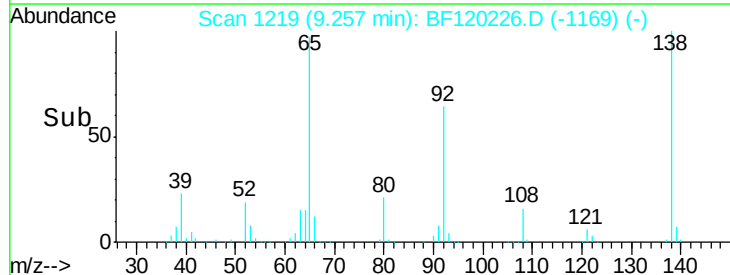
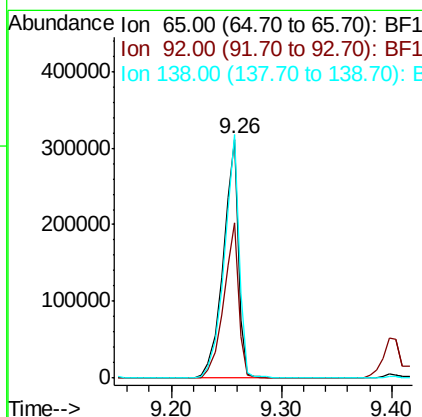
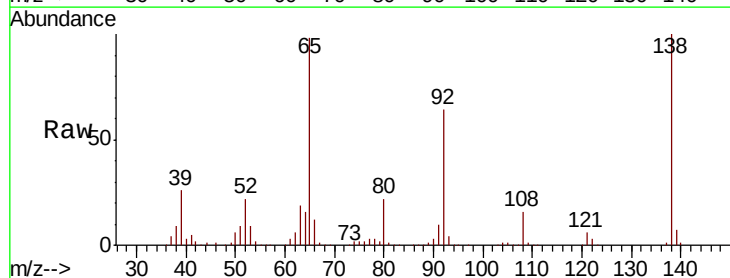
Manual Integrations  
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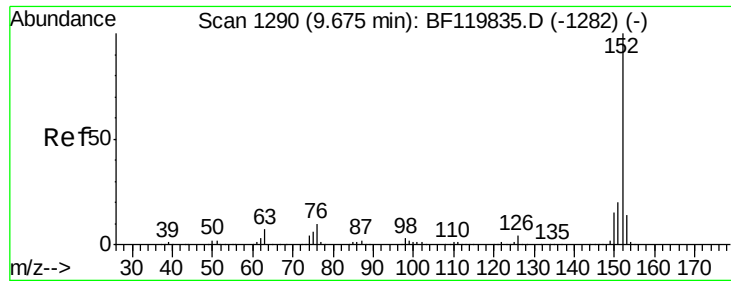
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#48  
 2-Nitroaniline  
 Concen: 49.275 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.9  | 50.0  | 75.0  |
| 138     | 101.8 | 75.0  | 112.4 |





#49

Acenaphthylene

Concen: 50.375 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

ClientSampleId :

HW-7MSD

Tot Ion:152 Resp: 1286643

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

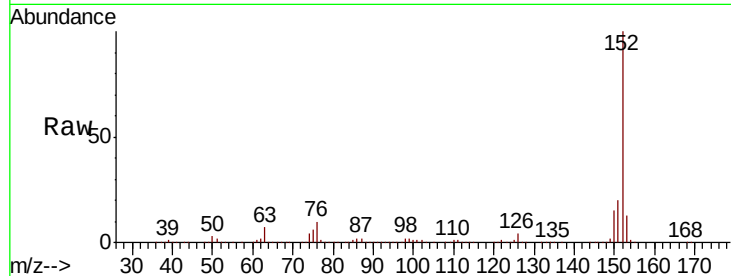
153 13.2 11.2 16.8

Manual Integrations

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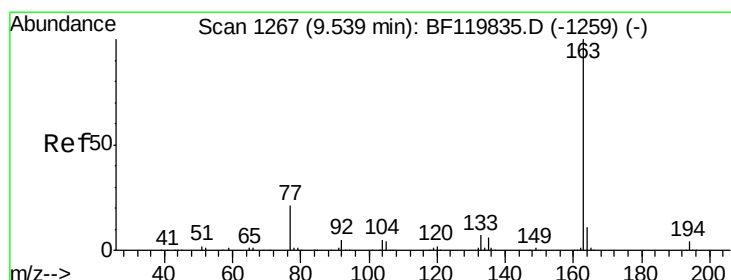
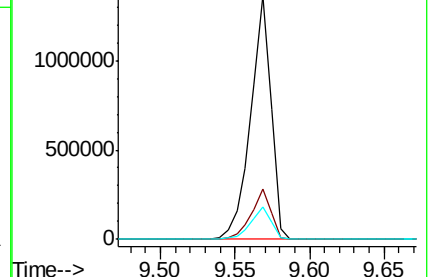
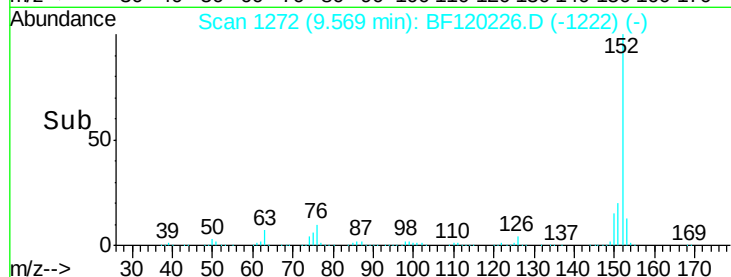
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.557 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

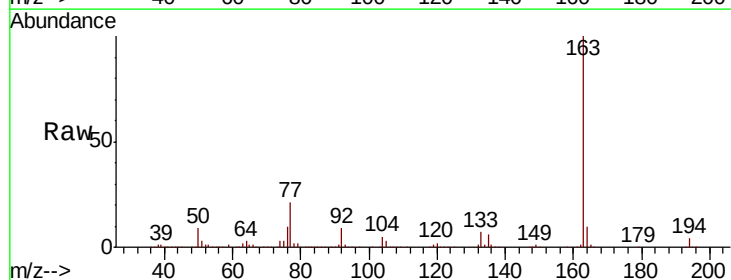
Tgt Ion:163 Resp: 1169883

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

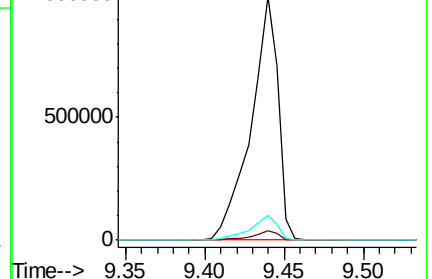
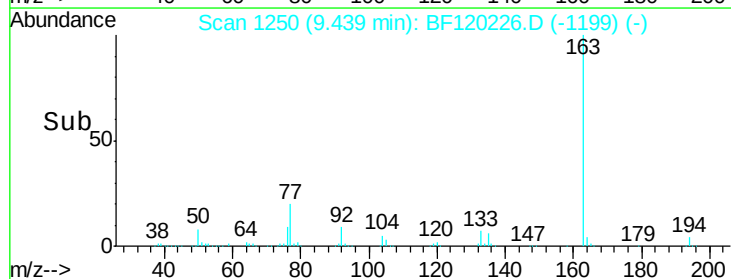
164 10.0 8.2 12.2

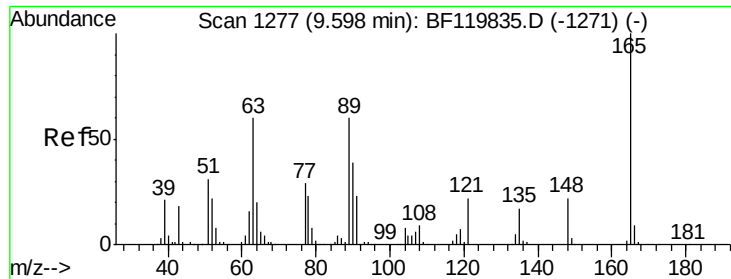


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





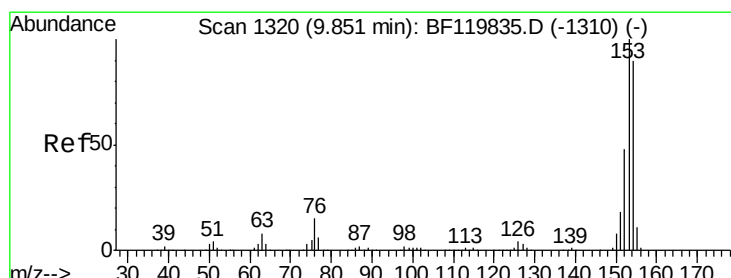
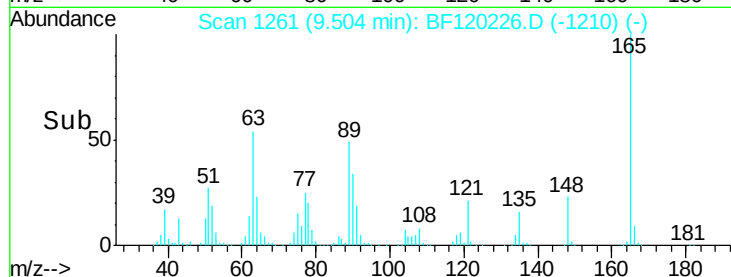
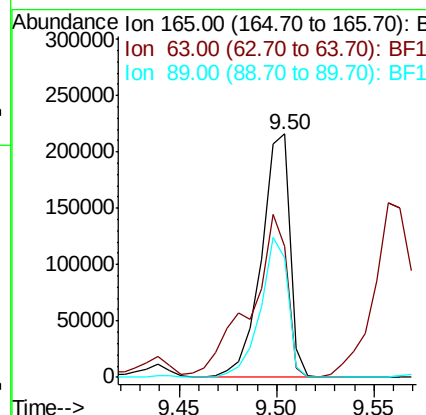
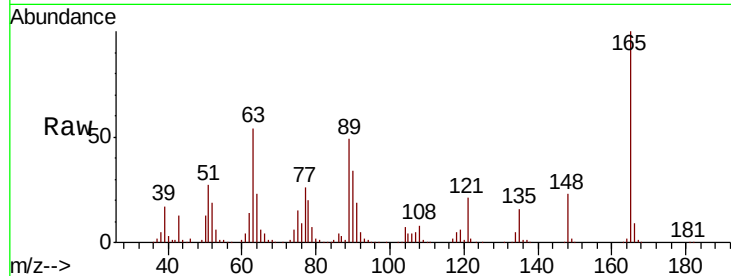
#51  
2,6-Dinitrotoluene  
Concen: 50.033 ng  
RT: 9.50 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 54.1  | 45.0 | 67.4  |       |
| 89      | 49.2  | 41.5 | 62.3  |       |

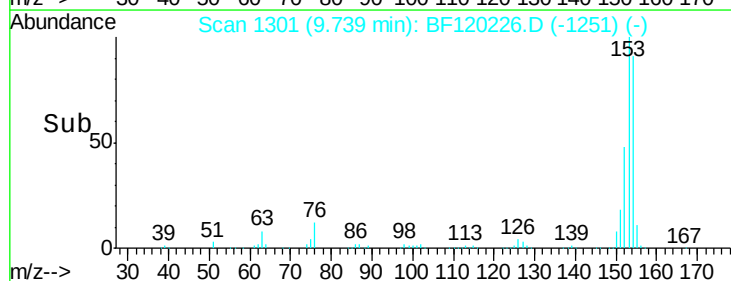
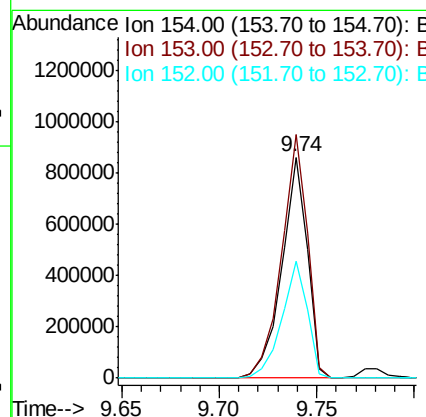
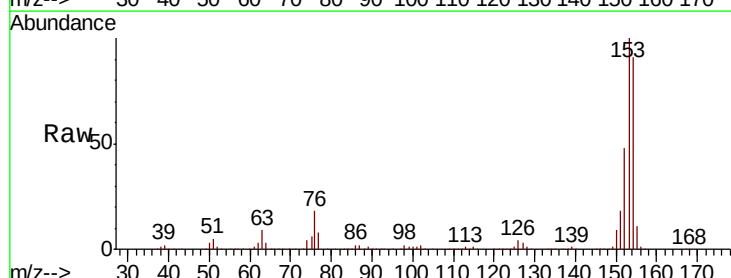
Manual Integrations  
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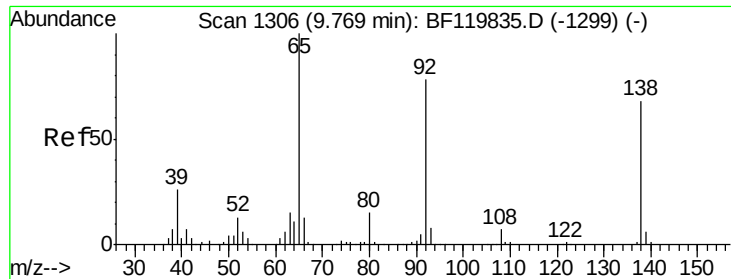
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#52  
Acenaphthene  
Concen: 45.787 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 110.1 | 88.1 | 132.1 |       |
| 152     | 52.9  | 43.0 | 64.4  |       |





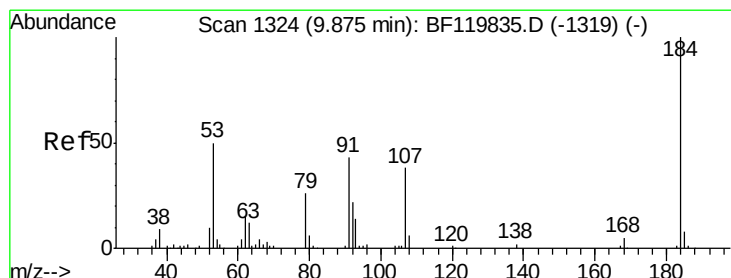
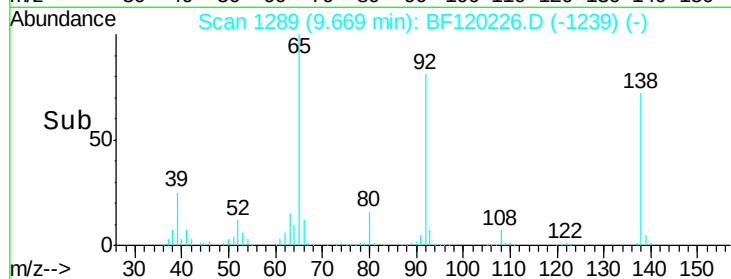
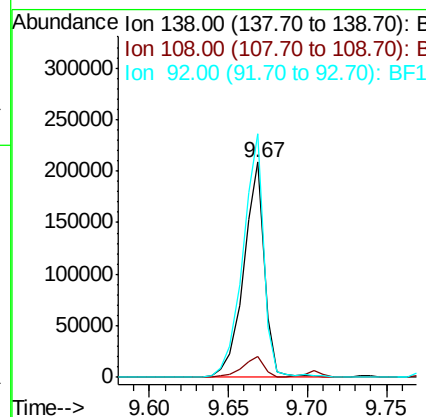
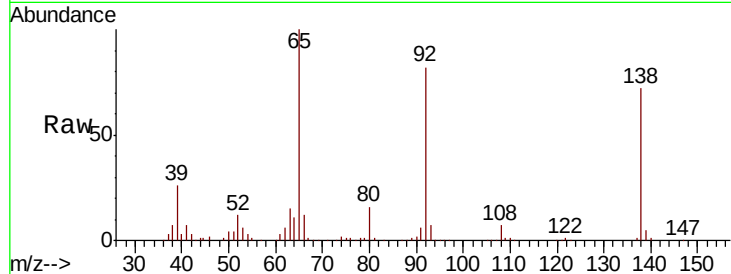
#53  
3-Nitroaniline  
Concen: 37.797 ng  
RT: 9.67 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 8.6   | 13.0  |
| 92      | 113.1 | 95.4  | 143.0 |

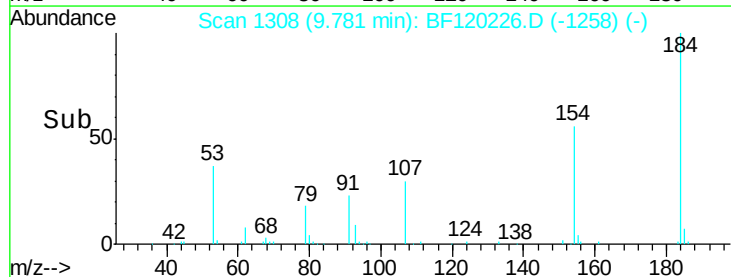
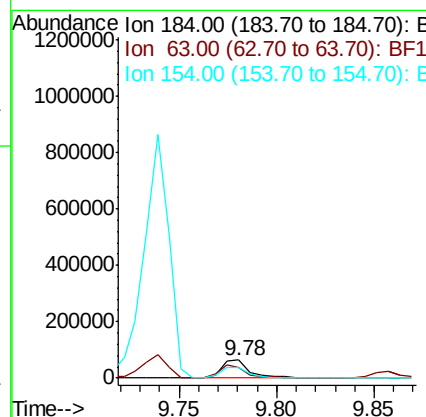
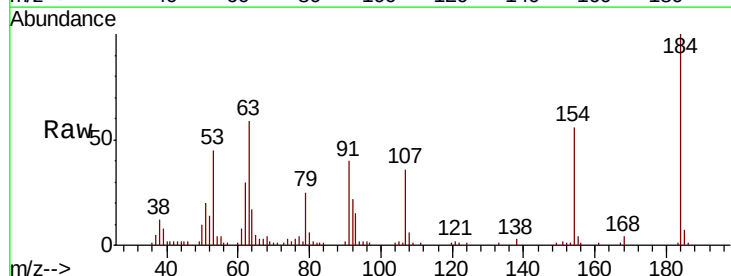
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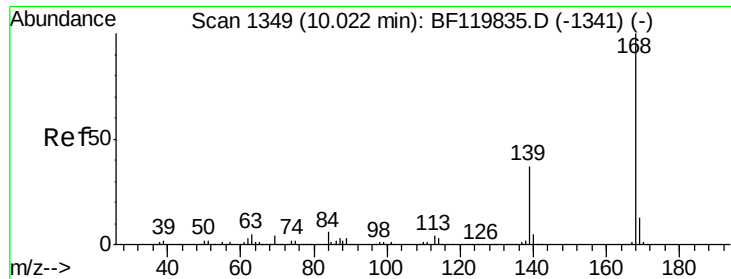
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#54  
2,4-Dinitrophenol  
Concen: 25.498 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.9  | 50.2  | 75.4  |
| 154     | 55.9  | 44.5  | 66.7  |





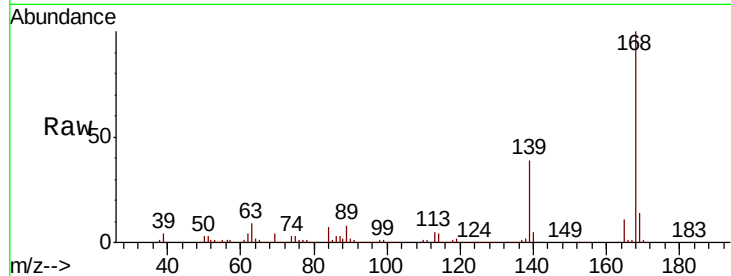
#55  
Dibenzofuran  
Concen: 49.950 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.7  | 30.1  | 45.1  |
| 169     | 13.8  | 11.0  | 16.6  |

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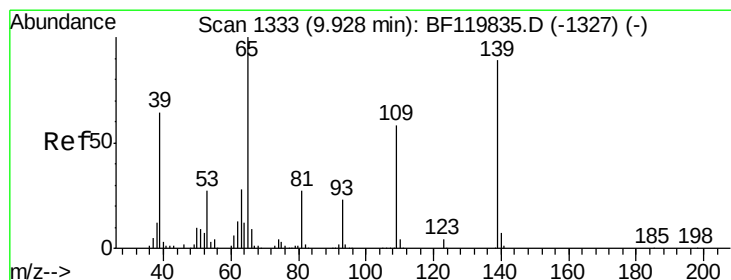
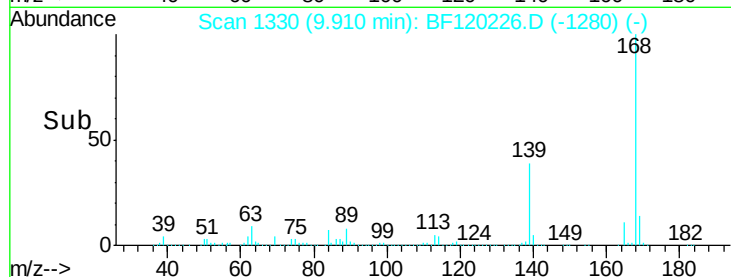
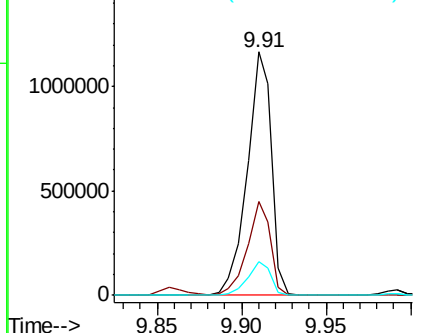


Abundance

Ion 168.00 (167.70 to 168.70): E

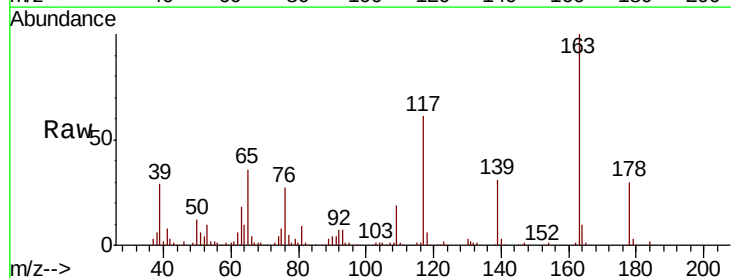
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 10.637 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 60.7  | 43.3  | 83.3  |
| 65      | 117.3 | 91.0  | 131.0 |

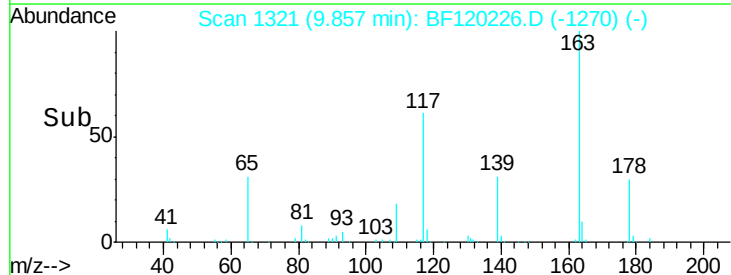
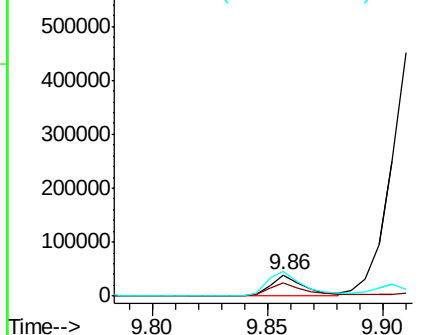


Abundance

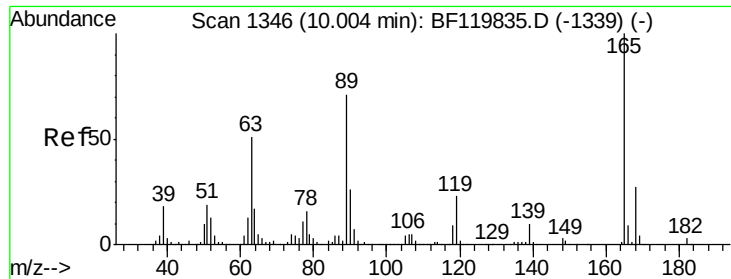
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1







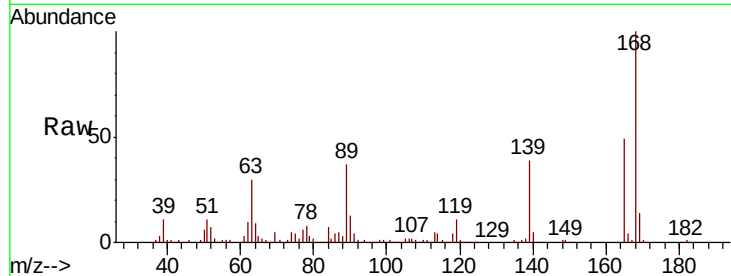
#57  
 2,4-Dinitrotoluene  
 Concen: 49.639 ng  
 RT: 9.90 min Scan# 1329  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

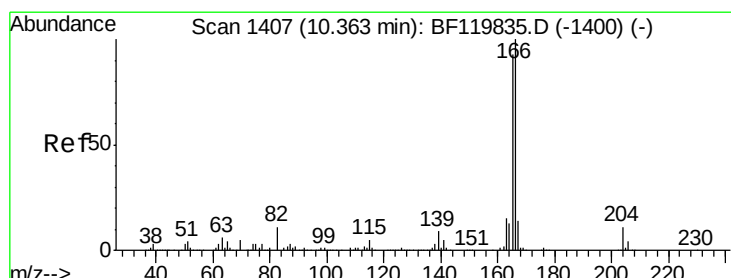
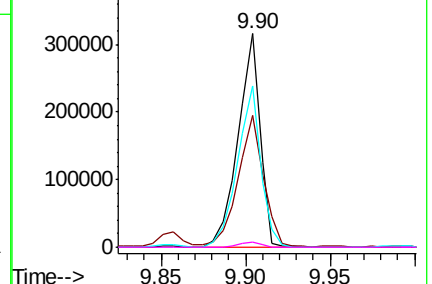
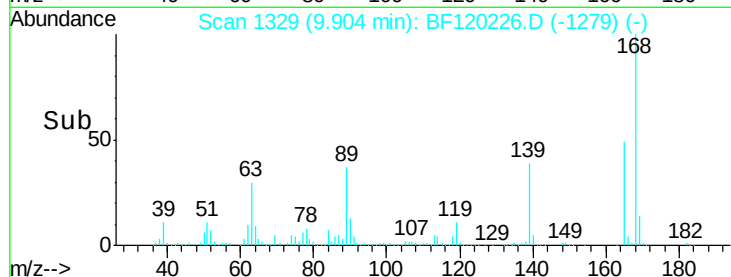
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 286122 |       |       |
| 63      | 61.5 | 42.6  | 64.0   |       |       |
| 89      | 75.4 | 61.0  | 91.4   |       |       |
| 182     | 2.4  | 2.2   | 3.2    |       |       |

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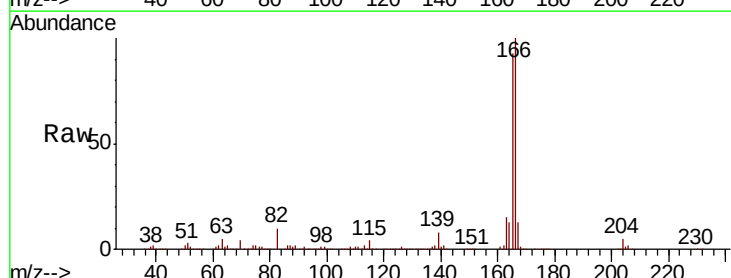


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

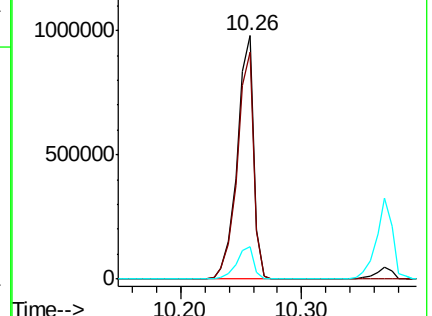
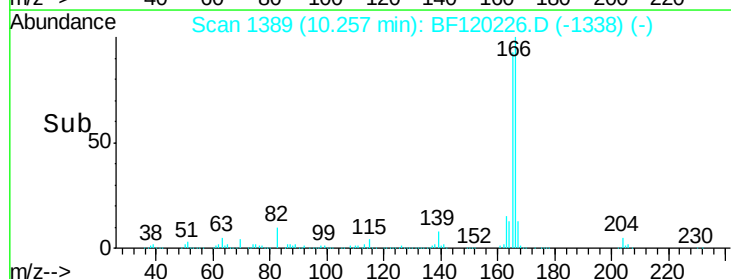


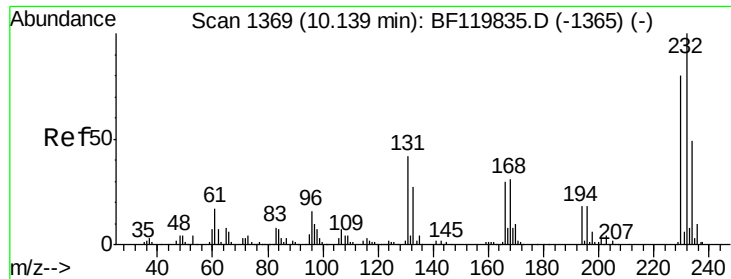
#58  
 Fluorene  
 Concen: 49.861 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.00 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 932311 |       |       |
| 165     | 93.1 | 75.4  | 113.2  |       |       |
| 167     | 13.4 | 11.2  | 16.8   |       |       |



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





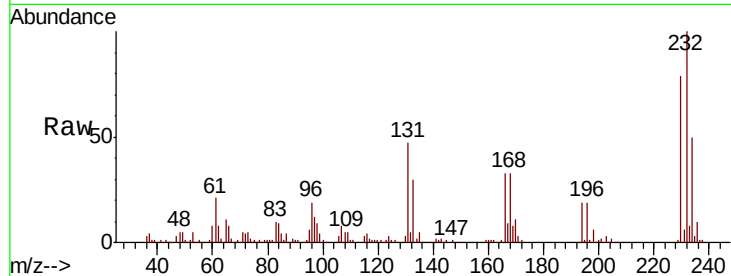
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 23.016 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 111691 |       |       |
| 131     | 48.2  | 37.5   | 56.3  |       |
| 130     | 2.5   | 1.8    | 2.6   |       |
| 166     | 29.2  | 24.6   | 36.8  |       |

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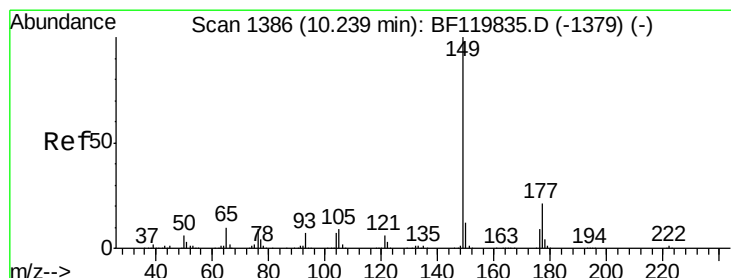
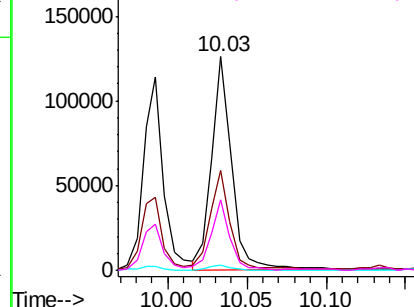
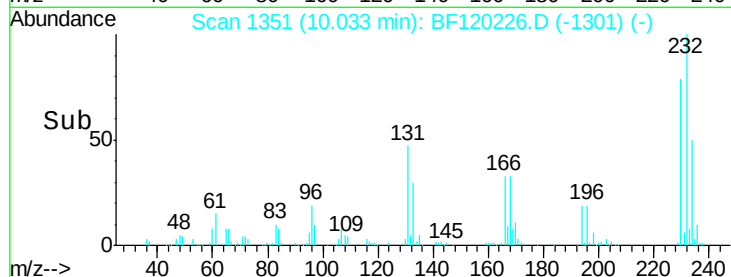
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

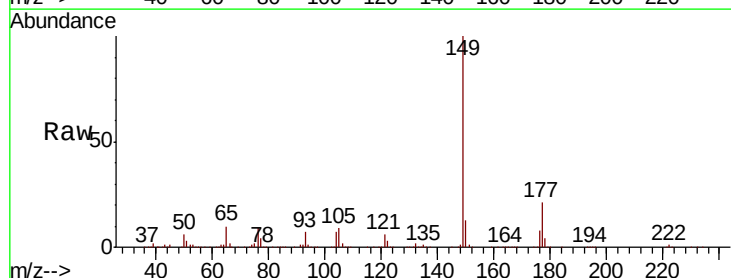
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 49.153 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1017787 |       |       |
| 177     | 21.0  | 17.0    | 25.6  |       |
| 150     | 12.6  | 10.1    | 15.1  |       |

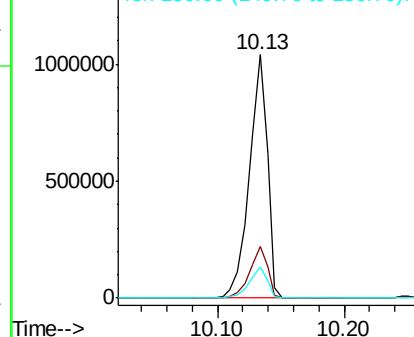
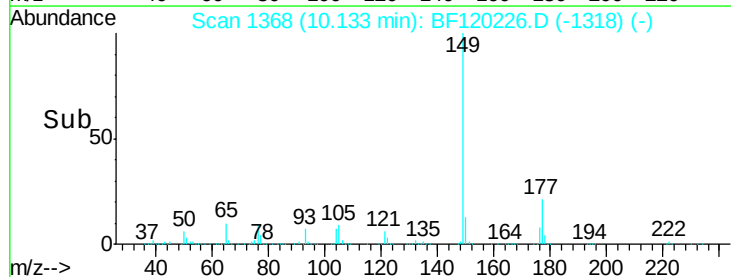


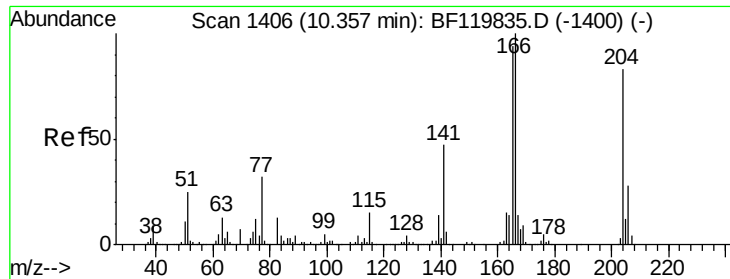
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





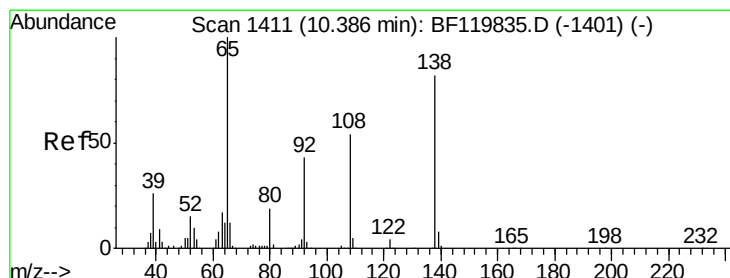
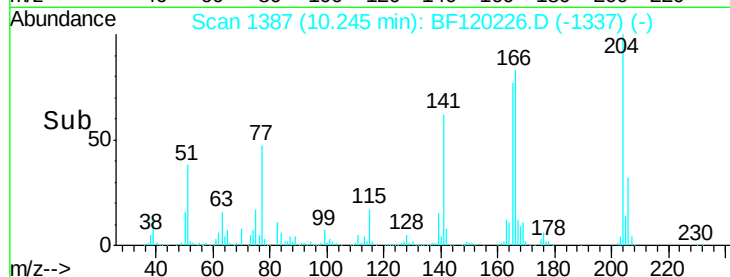
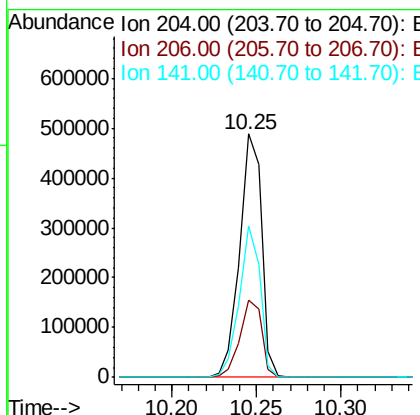
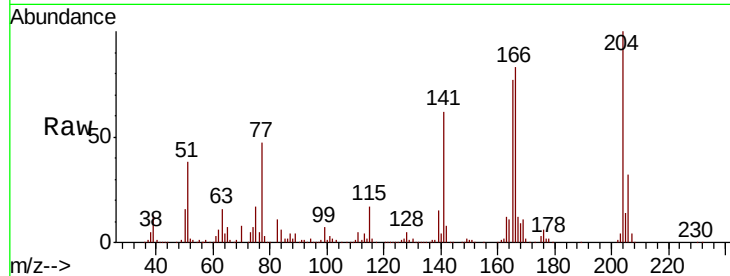
#61  
4-Chlorophenyl-phenylether  
Concen: 46.265 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.7  | 40.1  |
| 141     | 62.0  | 47.3  | 70.9  |

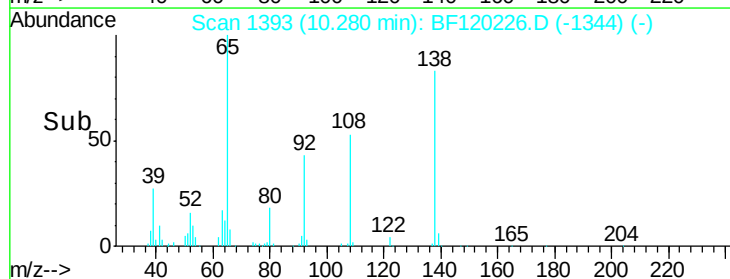
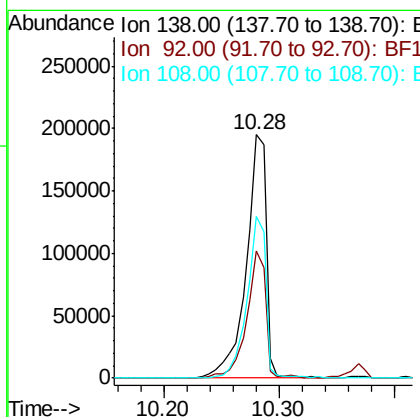
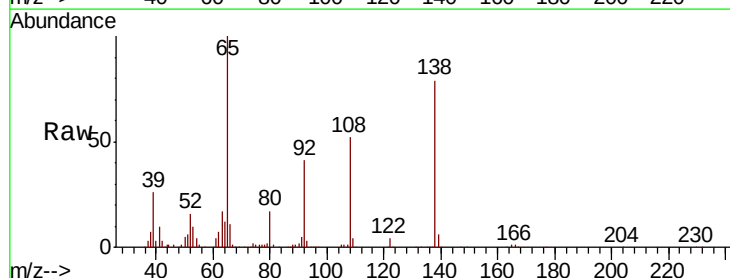
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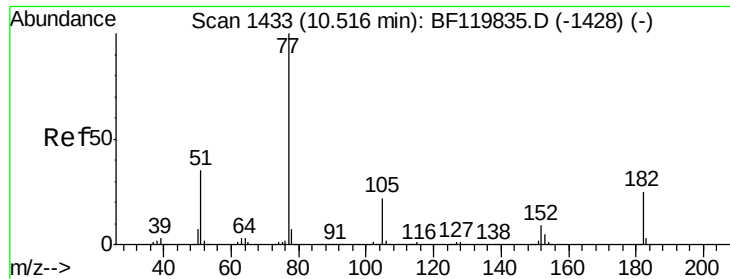
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#62  
4-Nitroaniline  
Concen: 49.205 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.3  | 31.5  | 71.5  |
| 108     | 66.3  | 45.8  | 85.8  |





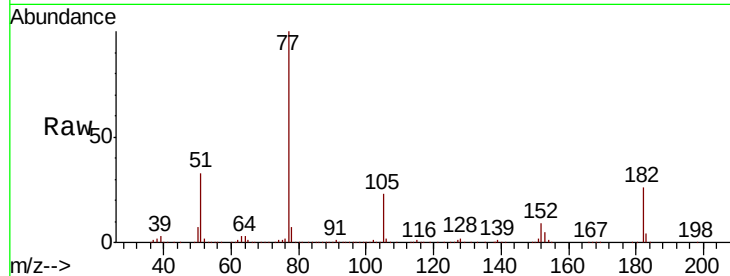
#63  
Azobenzene  
Concen: 51.108 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

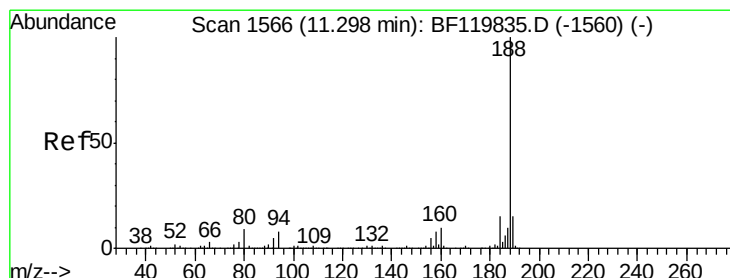
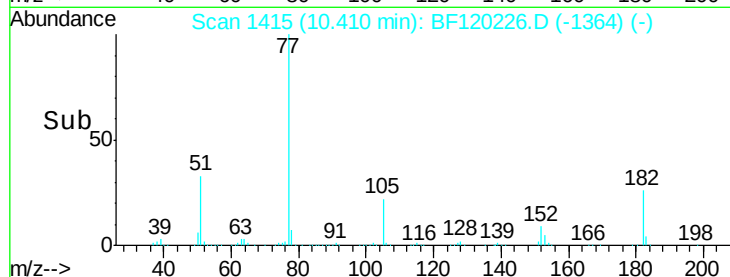
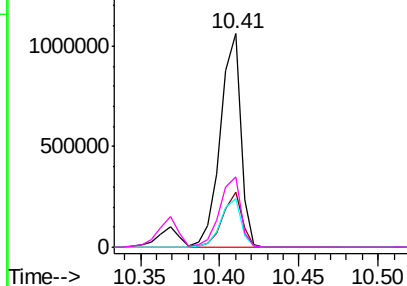
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 26.0 | 4.4   | 44.4  |       |
| 105     | 22.5 | 2.6   | 42.6  |       |
| 51      | 33.2 | 15.1  | 55.1  |       |

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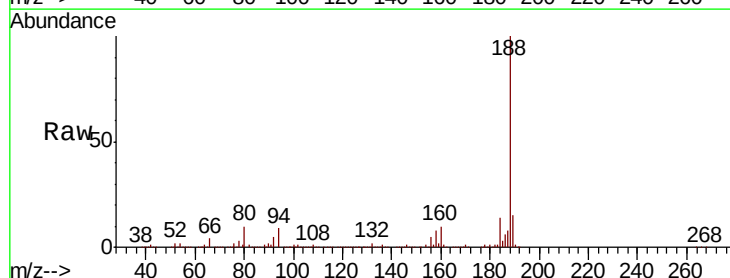


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

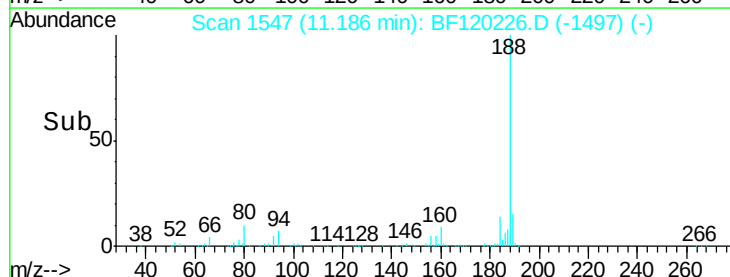
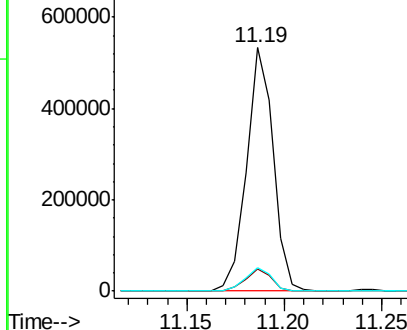


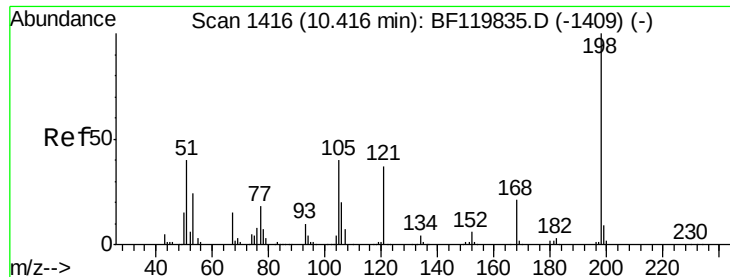
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.4 | 7.5   | 11.3  |       |
| 80      | 9.8 | 9.0   | 13.4  |       |



Abundance Ion 188.00 (187.70 to 188.70): BF1  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





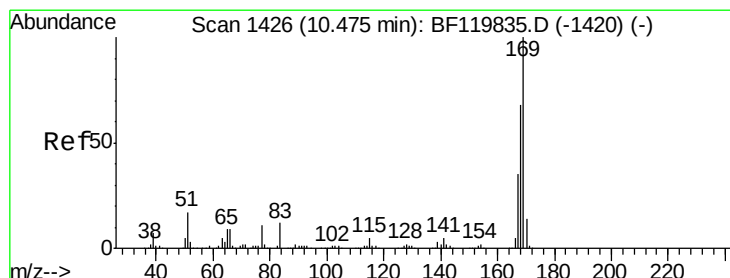
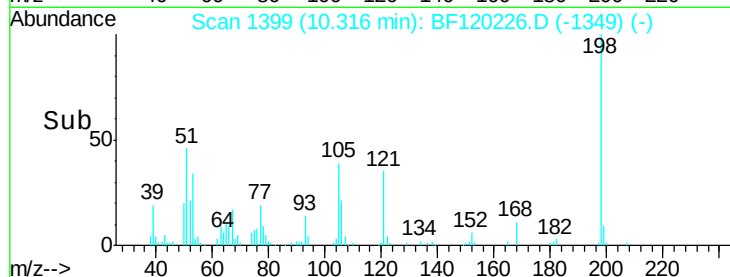
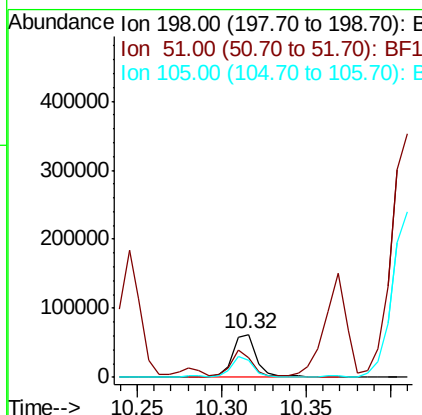
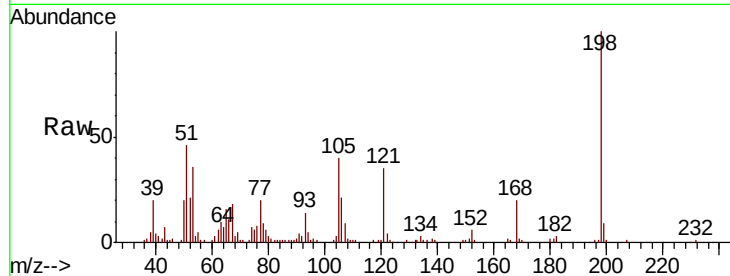
#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.697 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 46.5  | 29.0  | 69.0  |
| 105     | 39.6  | 22.2  | 62.2  |

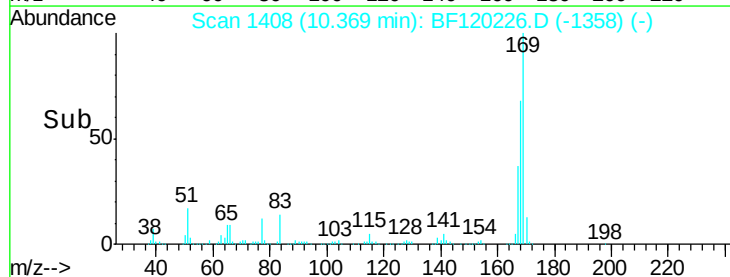
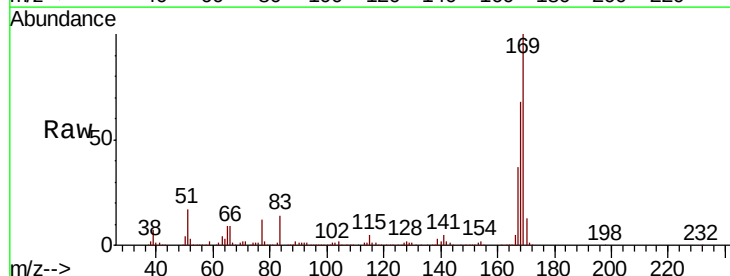
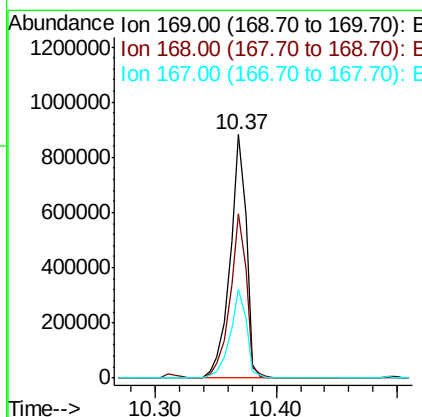
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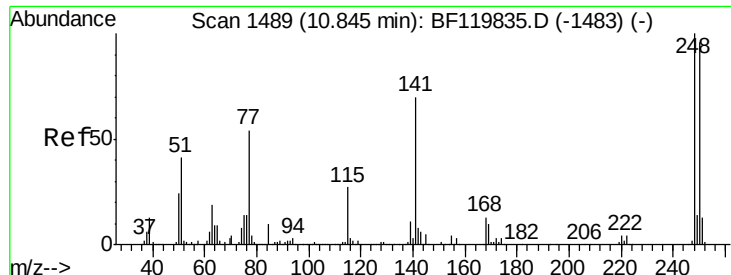
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#66  
n-Nitrosodiphenylamine  
Concen: 49.282 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.5  | 53.2  | 79.8  |
| 167     | 36.7  | 29.1  | 43.7  |





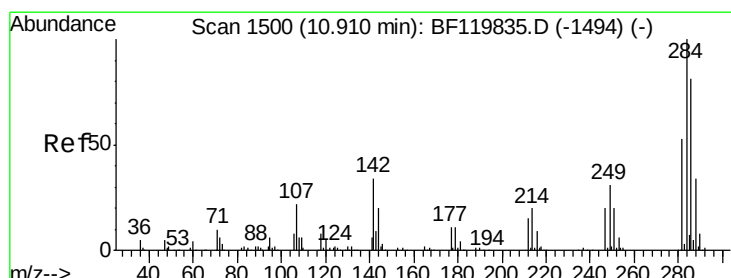
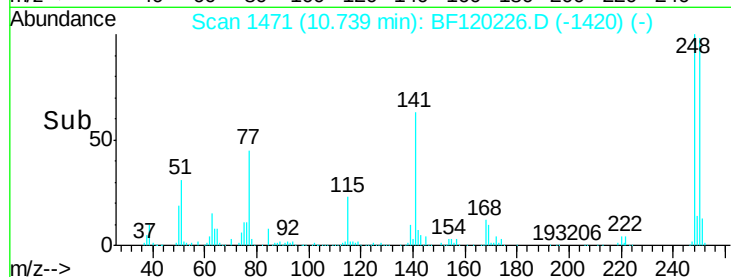
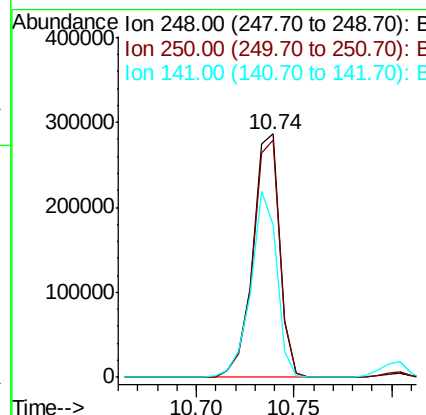
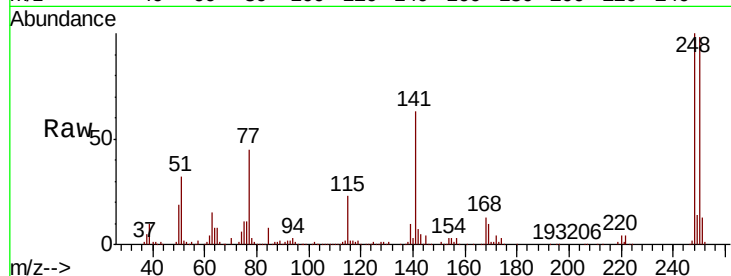
#67  
4-Bromophenyl-phenylether  
Concen: 43.743 ng  
RT: 10.74 min Scan# 1471  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 77.3  | 115.9 |
| 141     | 62.7  | 58.6  | 87.8  |

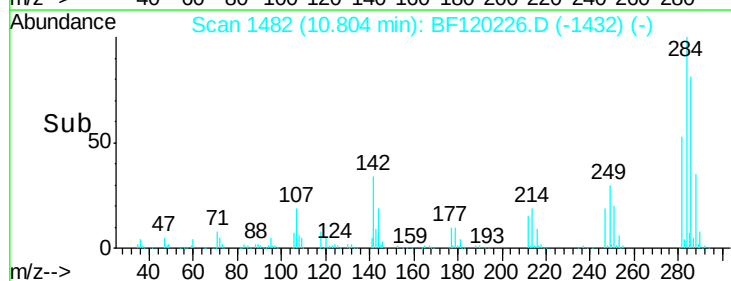
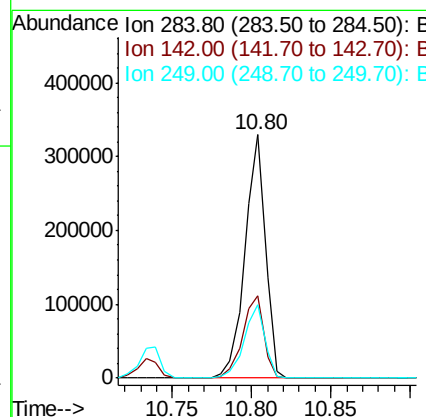
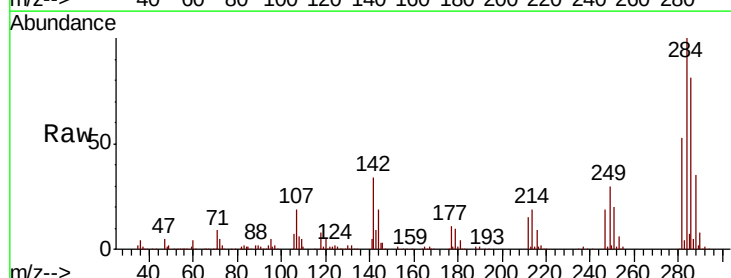
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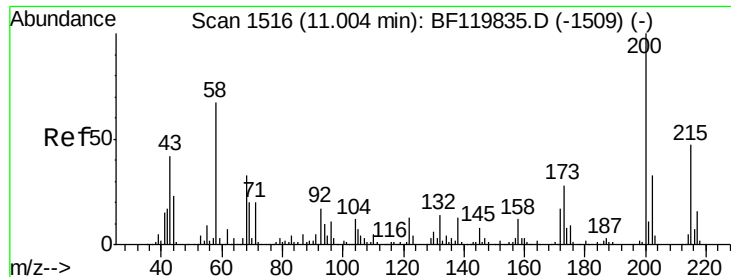
mohammad  
4/28/2020 11:08:38 PM



#68  
Hexachlorobenzene  
Concen: 46.204 ng  
RT: 10.80 min Scan# 1482  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.0  | 29.2  | 43.8  |
| 249     | 30.0  | 25.1  | 37.7  |





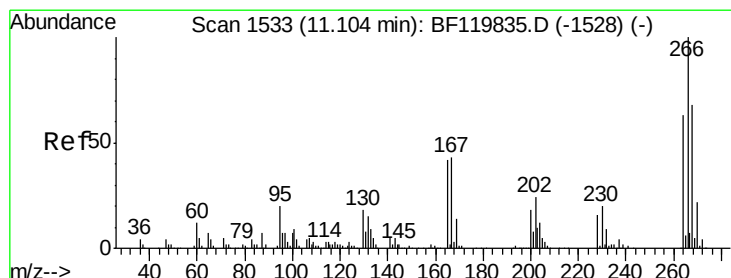
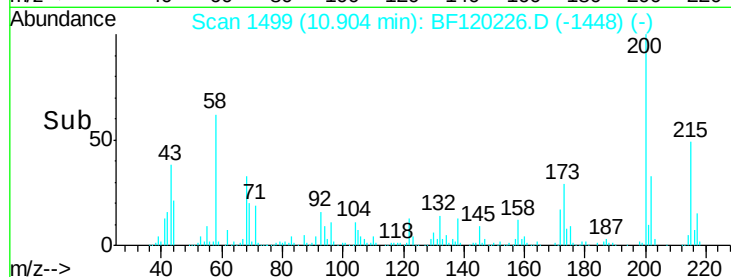
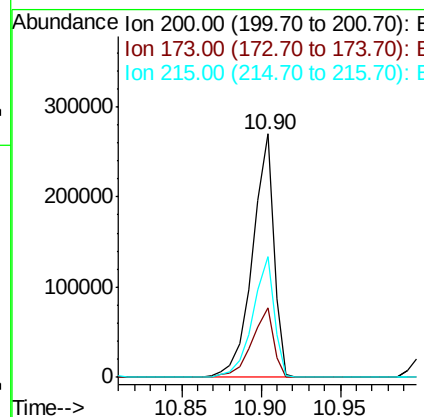
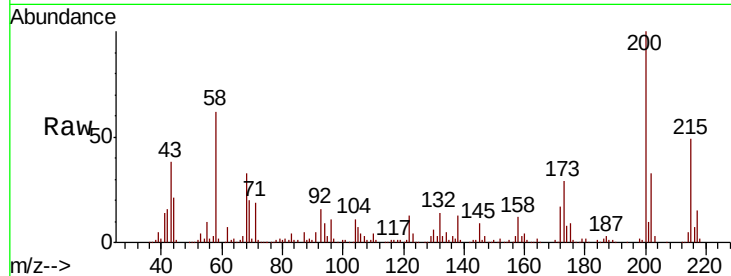
#69  
Atrazine  
Concen: 54.033 ng  
RT: 10.90 min Scan# 1499  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 251999 |       |       |
| 173     | 28.7  | 9.3    | 49.3  |       |
| 215     | 49.4  | 29.5   | 69.5  |       |

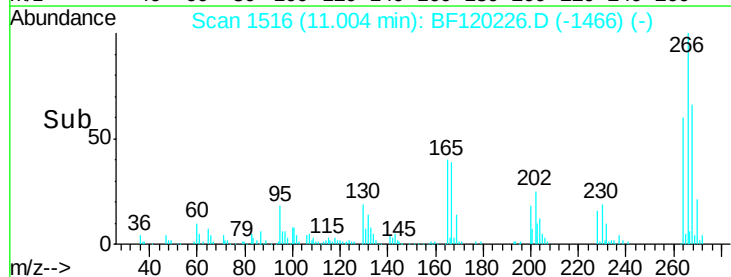
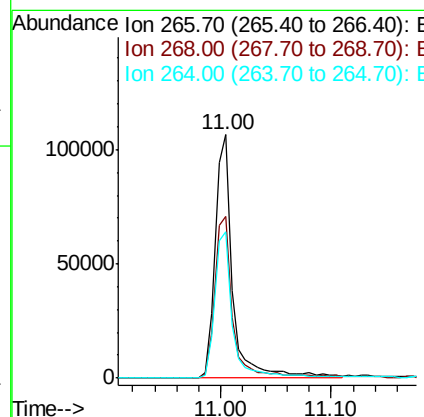
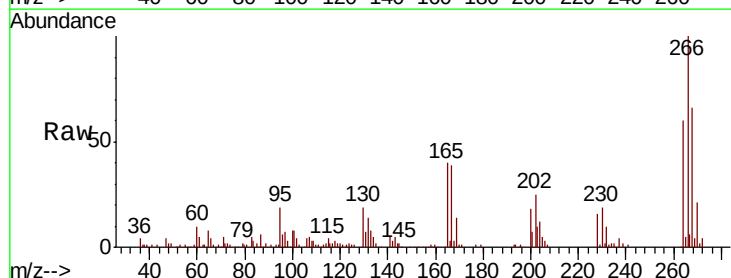
Manual Integrations  
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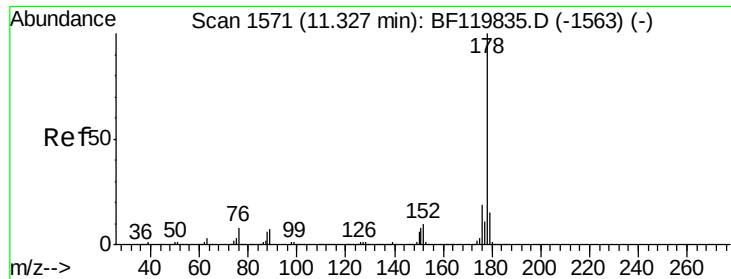
mohammad  
4/28/2020 11:08:38 PM



#70  
Pentachlorophenol  
Concen: 31.513 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 115476 |       |       |
| 268     | 66.3  | 53.3   | 79.9  |       |
| 264     | 60.2  | 49.0   | 73.4  |       |





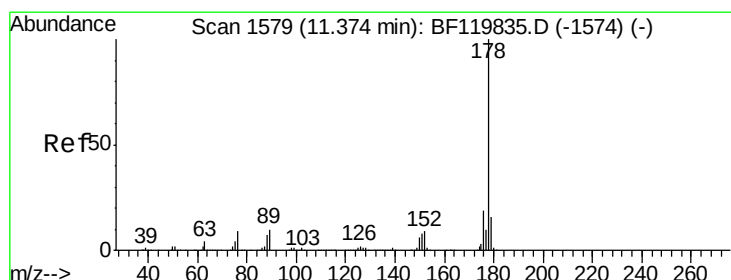
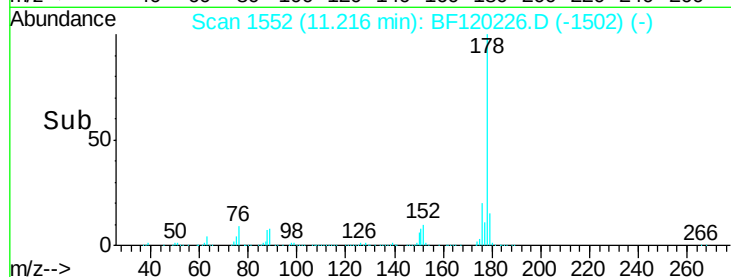
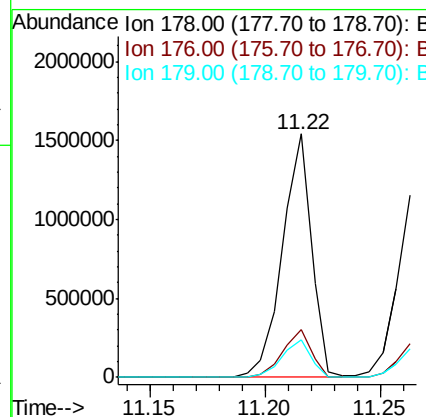
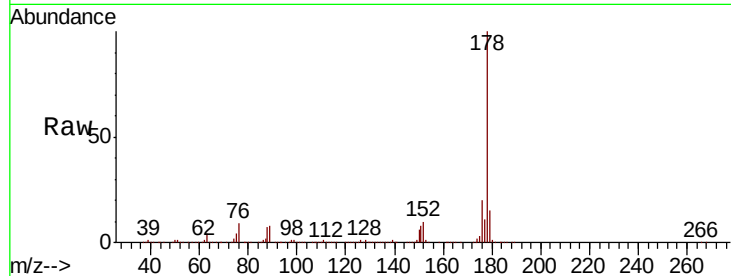
#71  
Phenanthrene  
Concen: 50.007 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

Tot Ion:178 Resp: 1341410  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.2 24.4  
179 15.4 13.2 19.8

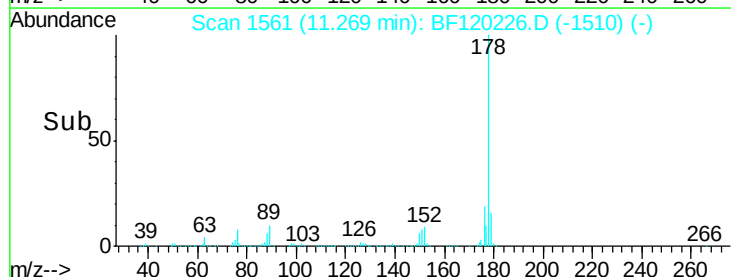
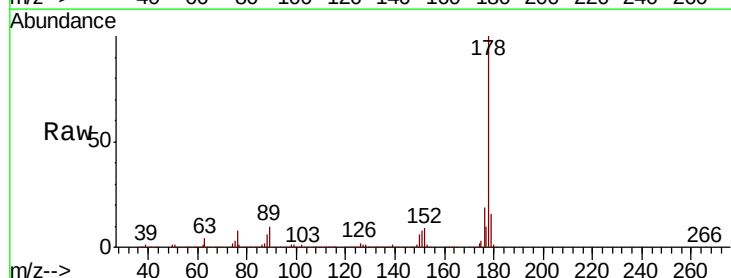
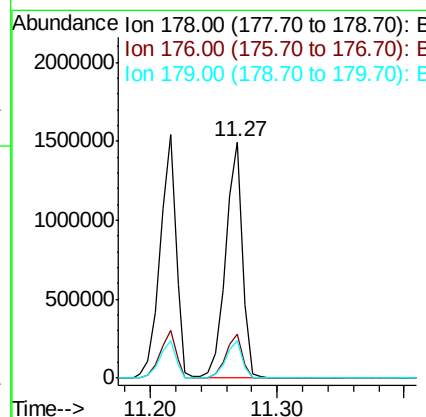
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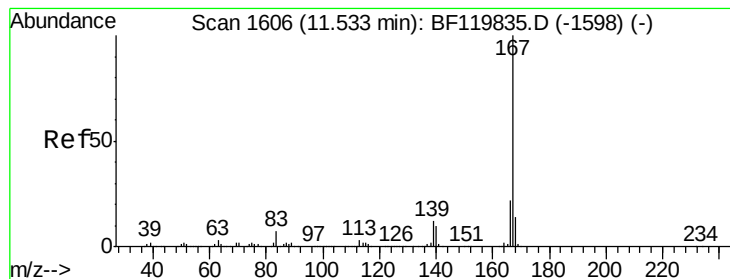


#72  
Anthracene  
Concen: 50.399 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Tgt Ion:178 Resp: 1381090  
Ion Ratio Lower Upper  
178 100  
176 18.6 16.1 24.1  
179 15.7 13.0 19.4







#73

Carbazole

Concen: 49.296 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

ClientSampleId :

HW-7MSD

Tot Ion:167 Resp: 1277471

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

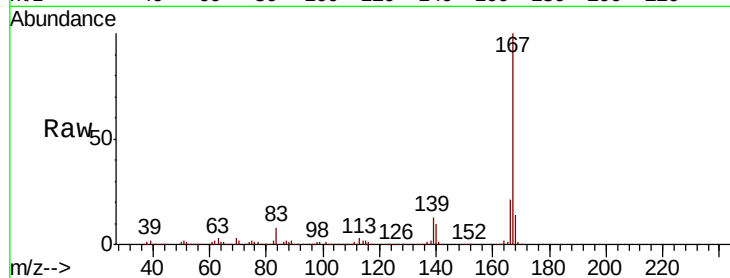
139 12.9 10.7 16.1

Manual Integrations

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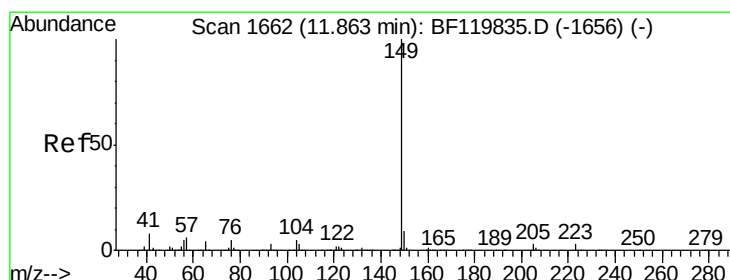
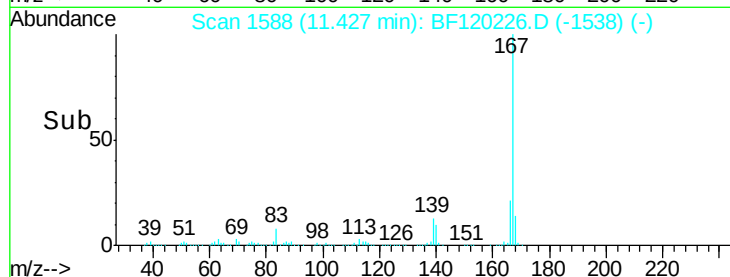
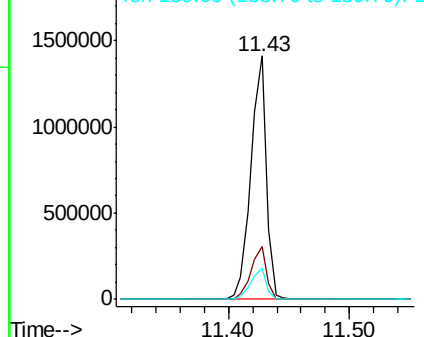
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.035 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

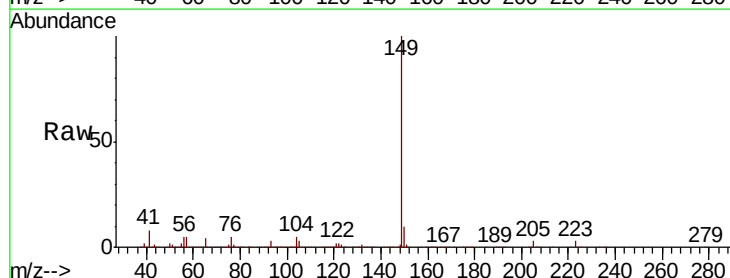
Tgt Ion:149 Resp: 1636402

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

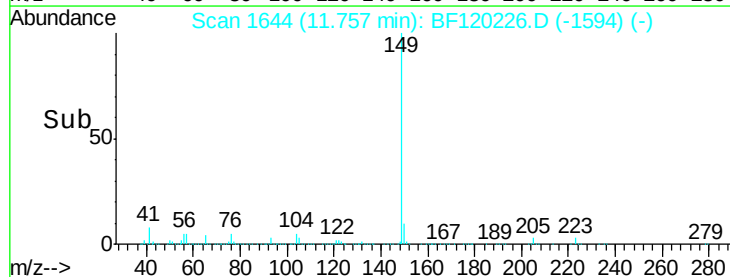
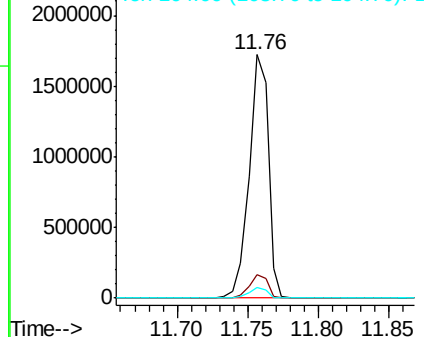
104 4.6 3.6 5.4

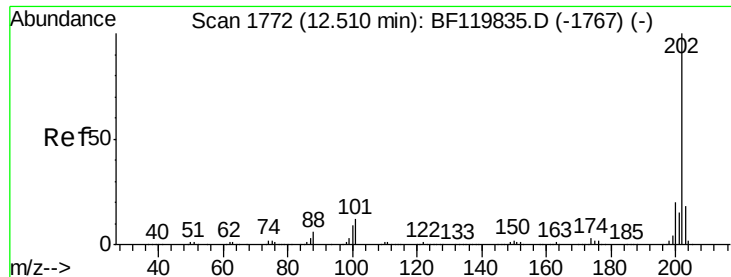


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





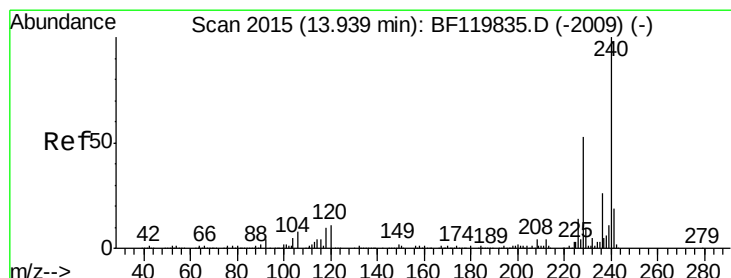
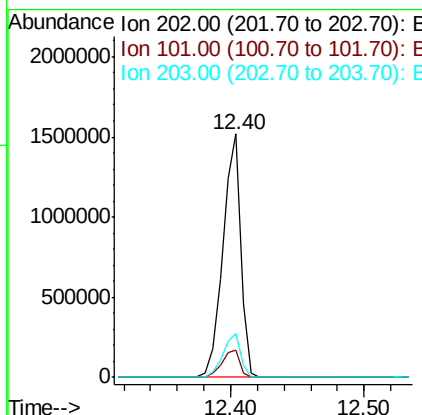
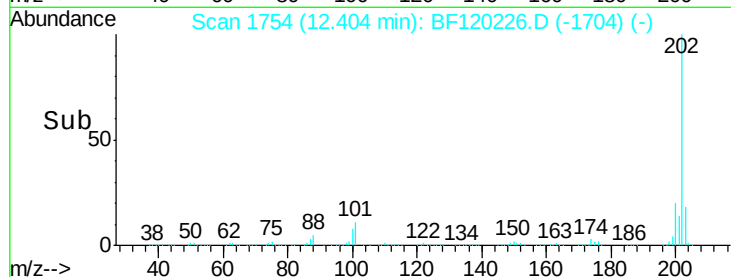
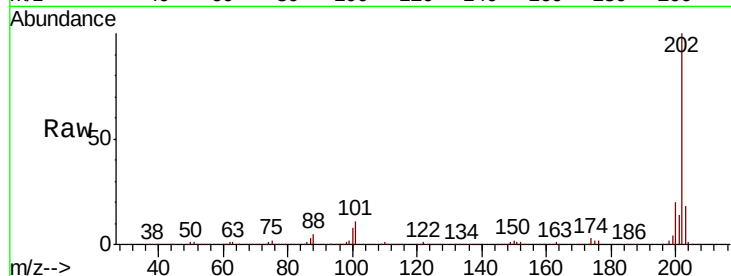
#75  
Fluoranthene  
Concen: 49.578 ng  
RT: 12.40 min Scan# 1754  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1434960 |       |       |
| 101     | 11.1  | 0.0     | 32.2  |       |
| 203     | 17.8  | 0.0     | 38.8  |       |

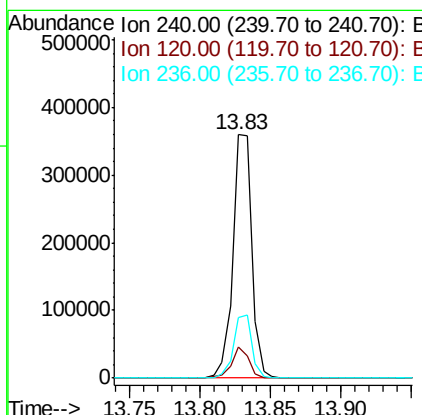
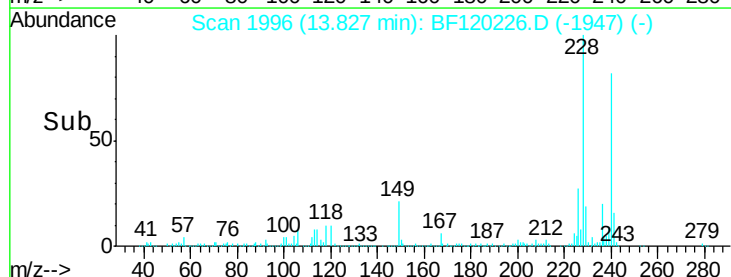
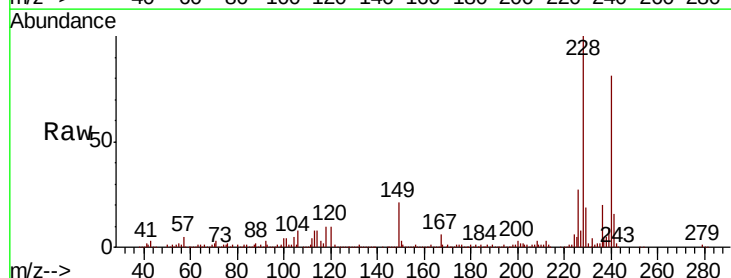
Manual Integrations  
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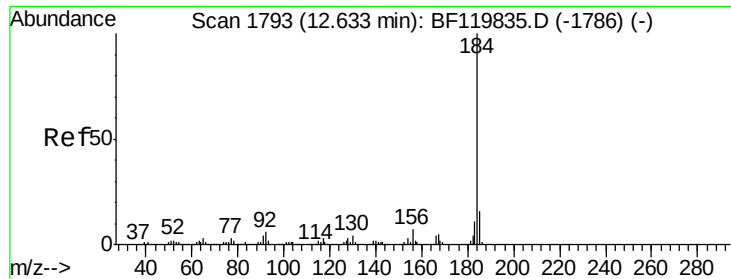
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 335469 |       |       |
| 120     | 12.9  | 10.6   | 15.8  |       |
| 236     | 24.8  | 20.2   | 30.2  |       |





#77

Benzidine

Concen: 73.355 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

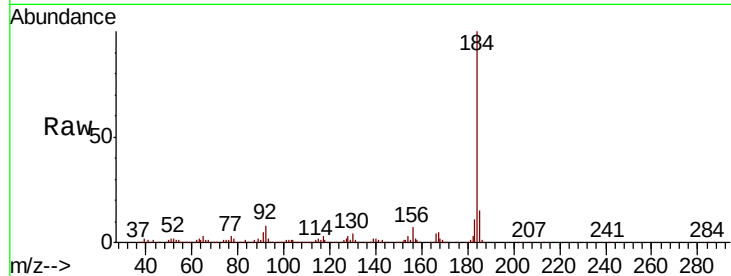
ClientSampleId :

HW-7MSD

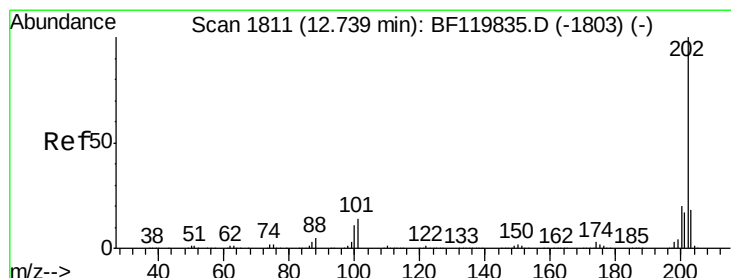
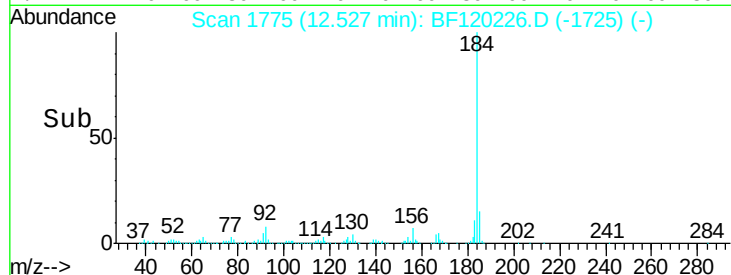
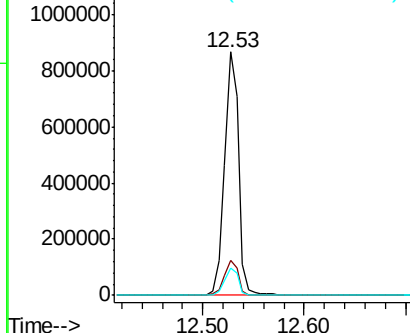
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 831837 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 12.3  | 18.5   |
| 183       | 11.2  | 9.0   | 13.6   |

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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: 50.834 ng

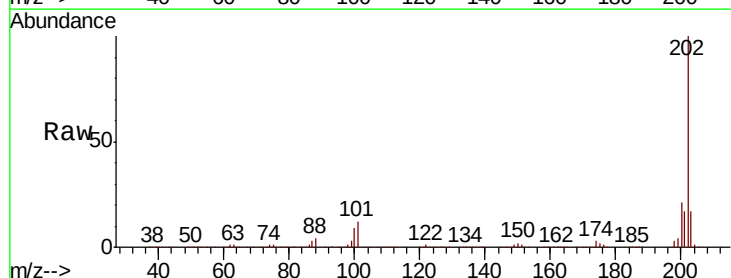
RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

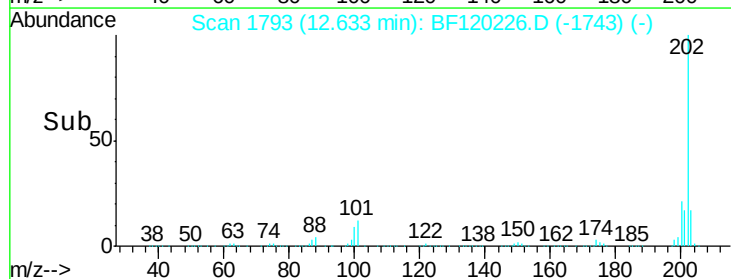
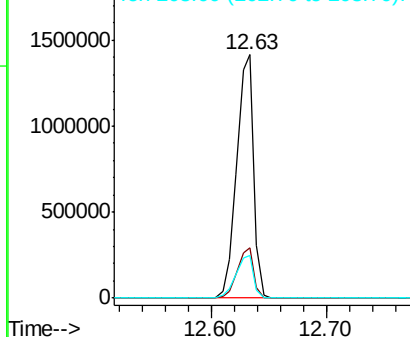
Lab File: BF120226.D

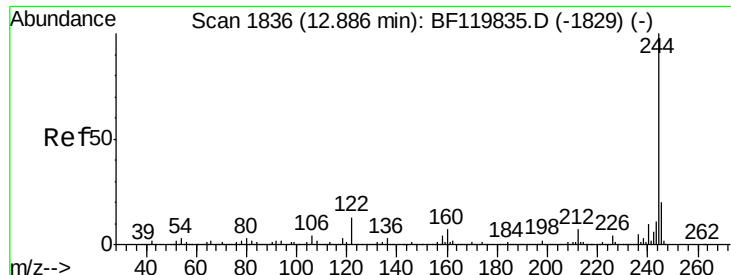
Acq: 27 Apr 2020 18:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1437606 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.6  | 16.8  | 25.2    |
| 203       | 17.4  | 15.1  | 22.7    |



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





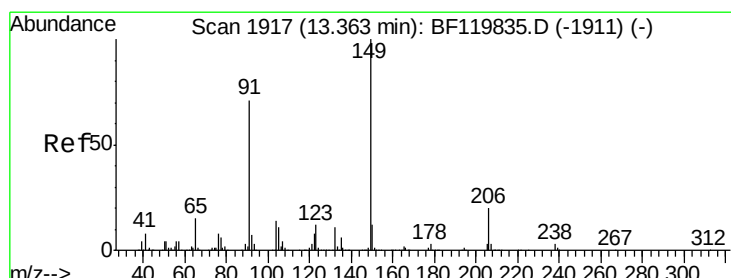
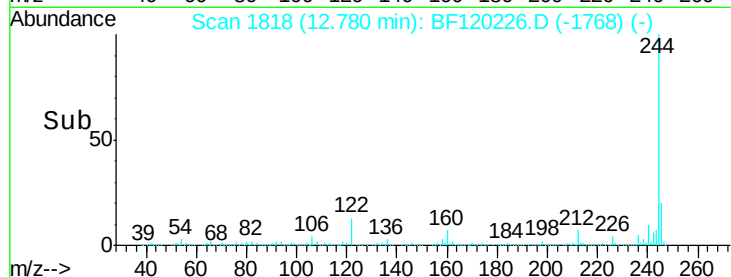
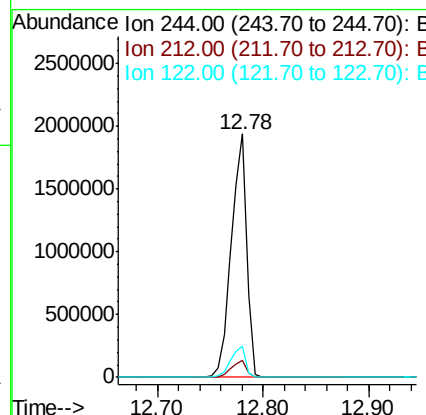
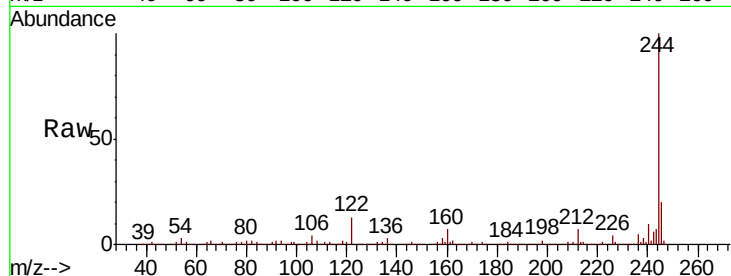
#79  
Terphenyl-d14  
Concen: 97.777 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampled :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.8   |
| 122     | 12.7  | 10.3  | 15.5  |

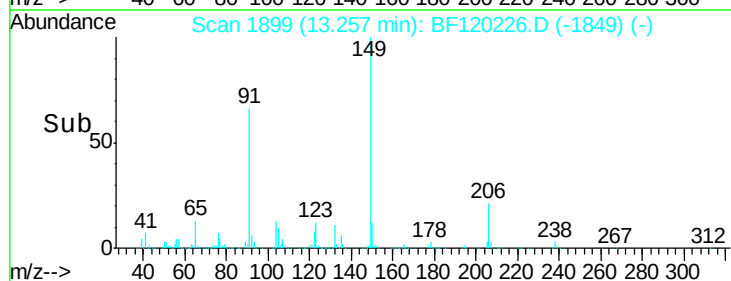
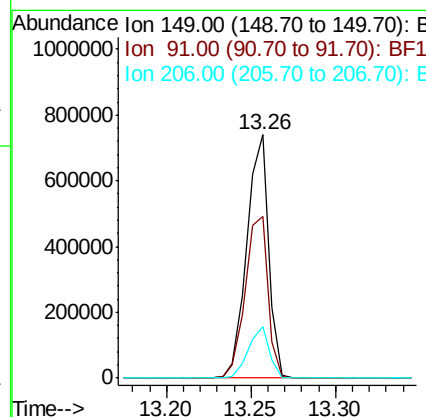
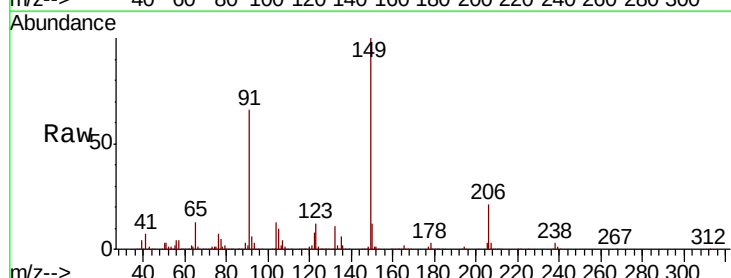
Manual Integrations  
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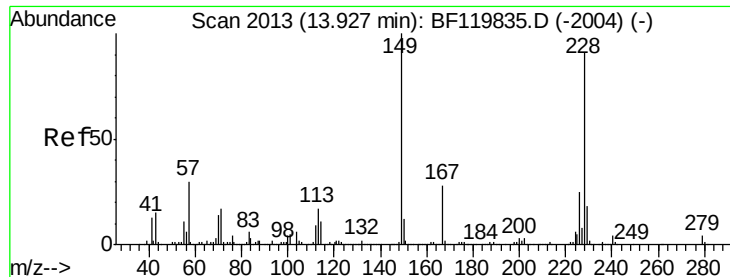
mohammad  
4/28/2020 11:08:38 PM



#80  
Butylbenzylphthalate  
Concen: 48.702 ng  
RT: 13.26 min Scan# 1899  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.3  | 54.7  | 82.1  |
| 206     | 21.0  | 16.2  | 24.2  |





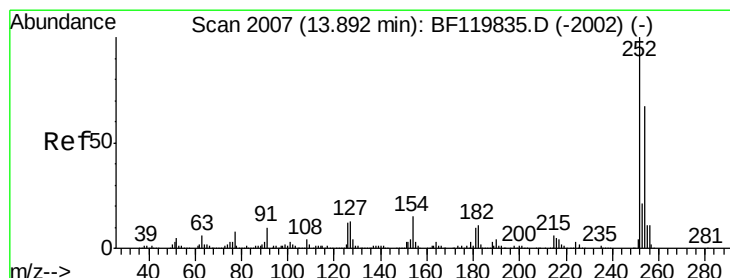
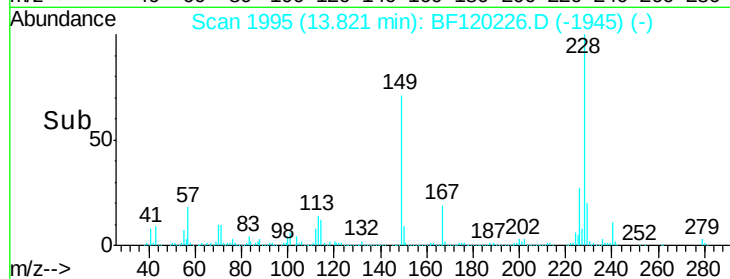
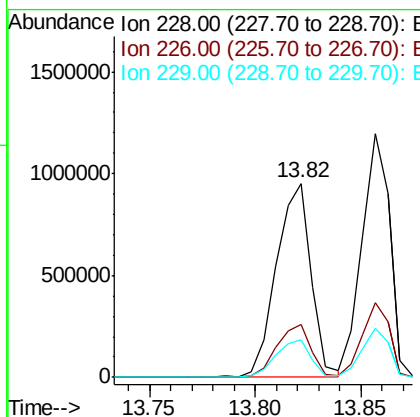
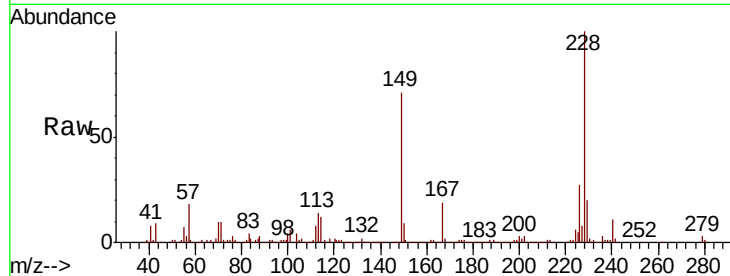
#81  
Benzo(a)anthracene  
Concen: 49.239 ng  
RT: 13.82 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.0  | 21.8  | 32.8  |
| 229     | 19.6  | 16.2  | 24.4  |

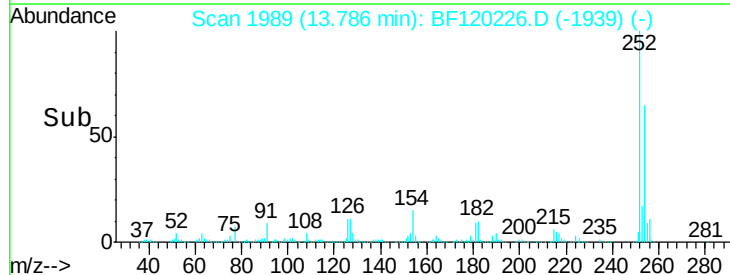
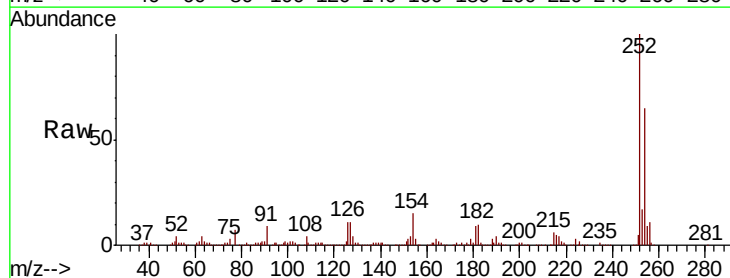
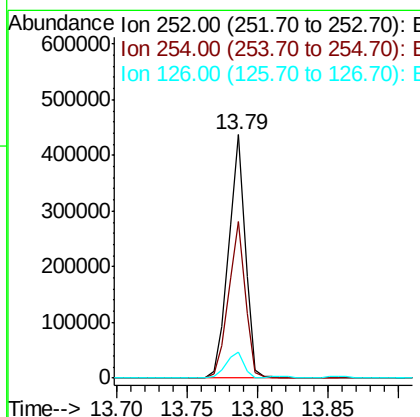
Manual Integrations  
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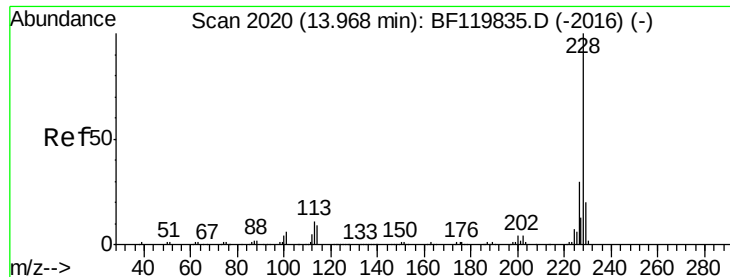
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 44.025 ng  
RT: 13.79 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.2  | 76.8  |
| 126     | 10.9  | 9.6   | 14.4  |





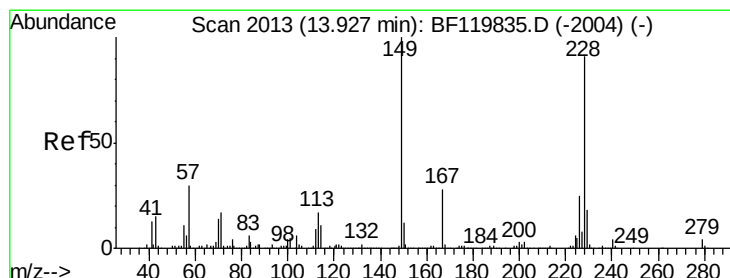
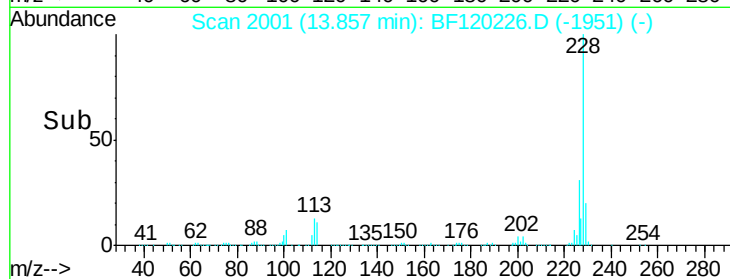
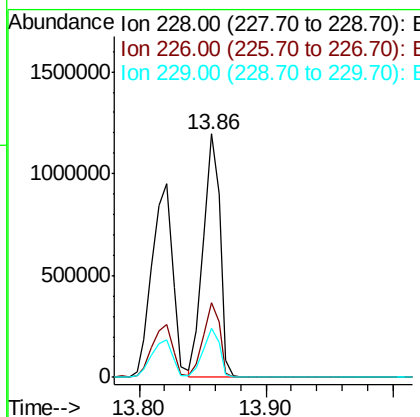
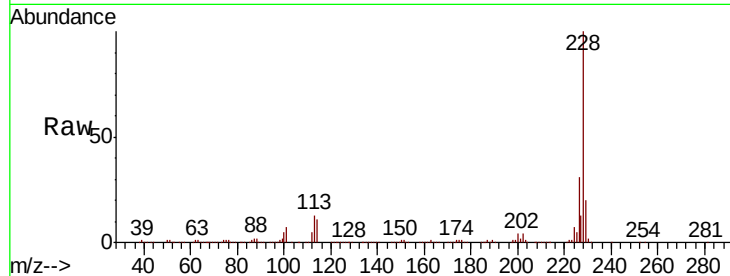
#83  
 Chrvsene  
 Concen: 48.972 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-7MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 30.6 | 25.4  | 38.0  |       |
| 229     | 20.0 | 16.6  | 24.8  |       |

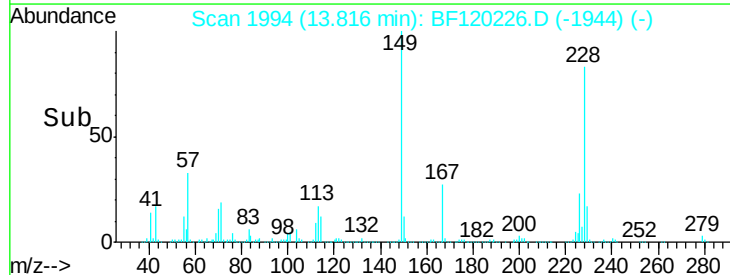
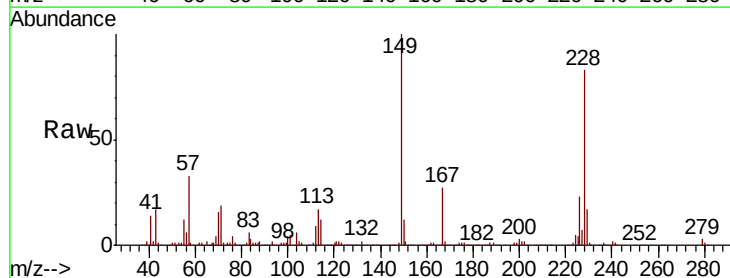
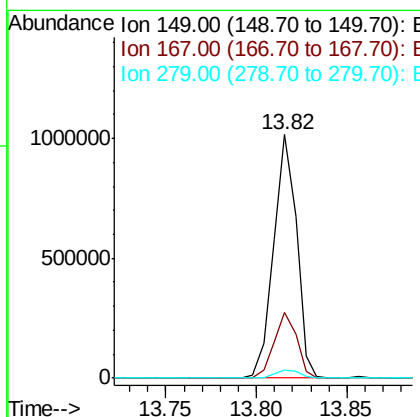
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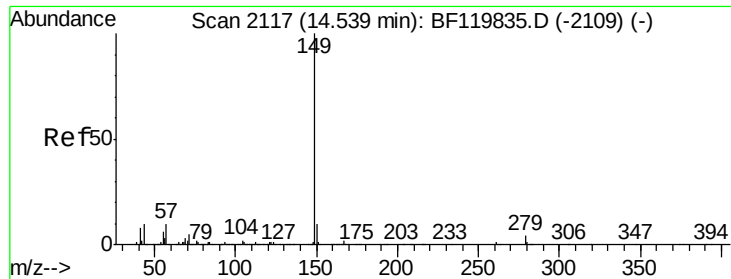
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.110 ng  
 RT: 13.82 min Scan# 1994  
 Delta R.T. -0.01 min  
 Lab File: BF120226.D  
 Acq: 27 Apr 2020 18:32

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 149     | 100  |       |       |       |
| 167     | 26.9 | 21.3  | 31.9  |       |
| 279     | 3.4  | 2.7   | 4.1   |       |





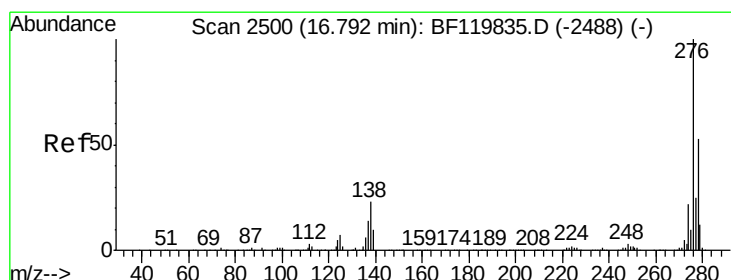
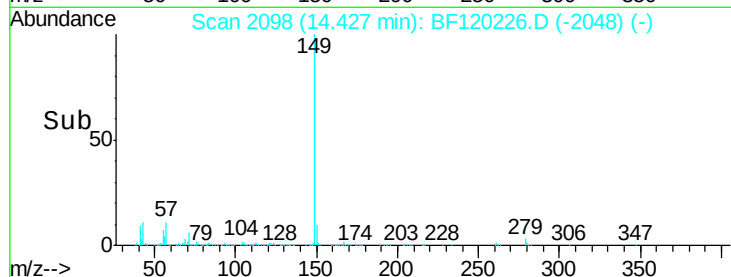
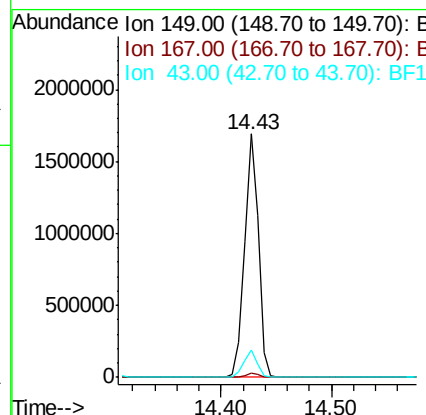
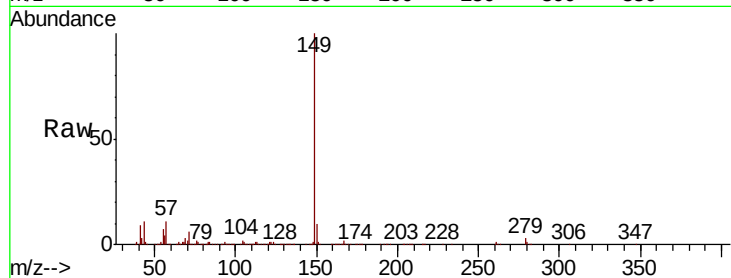
#85  
Di-n-octyl phthalate  
Concen: 47.287 ng  
RT: 14.43 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 10.7  | 9.3   | 13.9  |

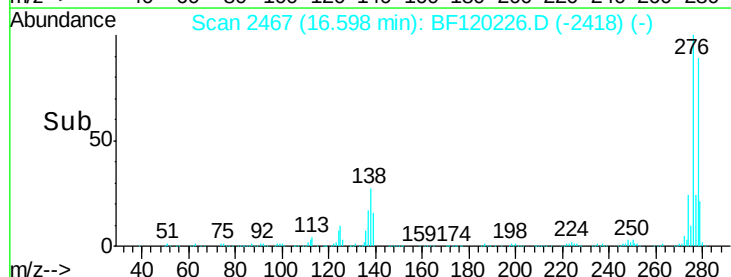
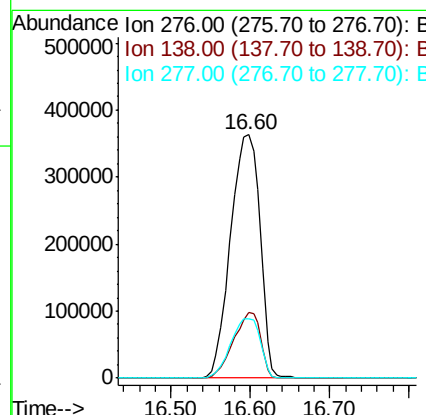
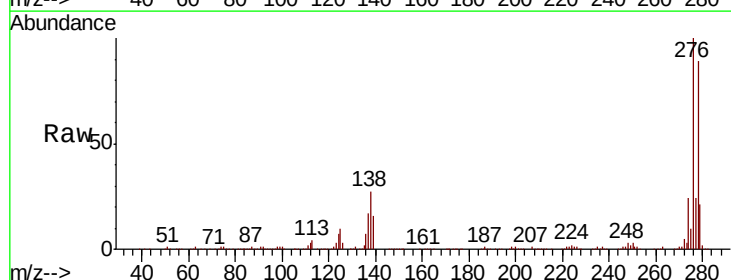
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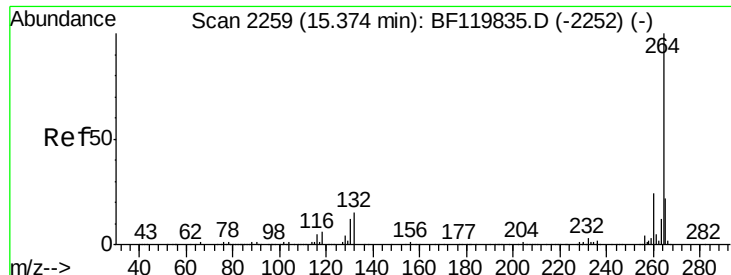
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.376 ng  
RT: 16.60 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.0  | 19.6  | 29.4  |
| 277     | 24.6  | 20.0  | 30.0  |





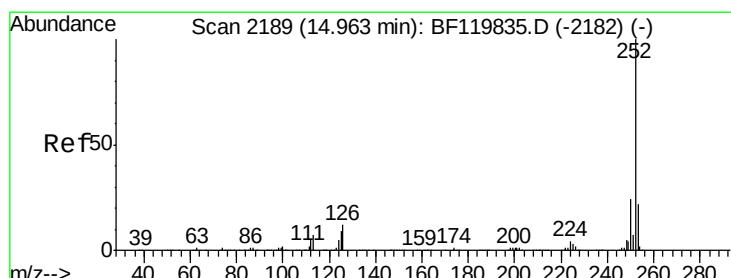
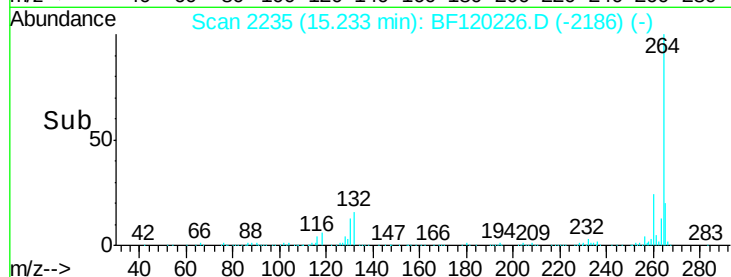
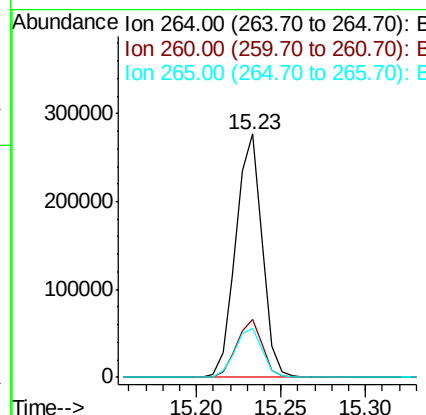
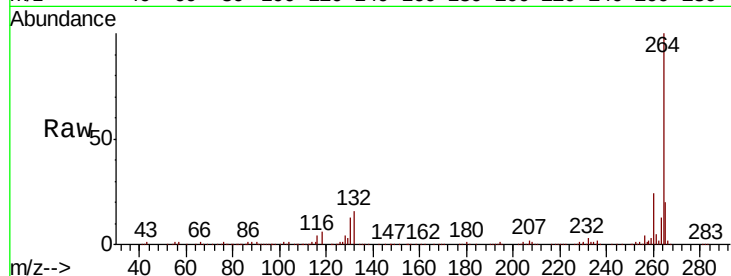
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.7  | 28.1  |
| 265     | 20.4  | 17.7  | 26.5  |

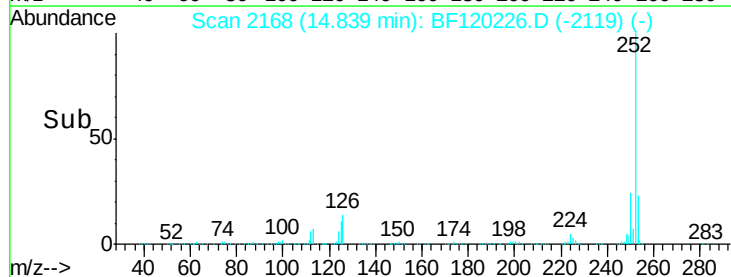
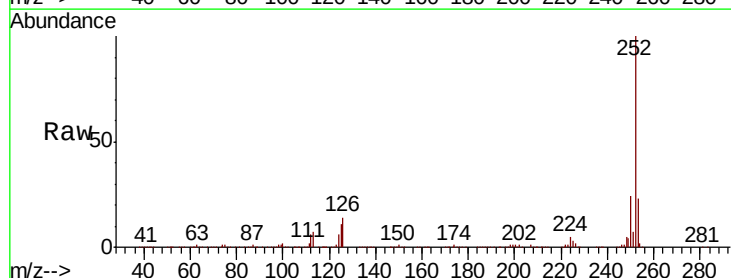
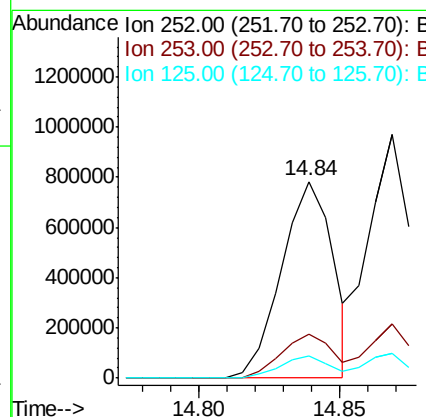
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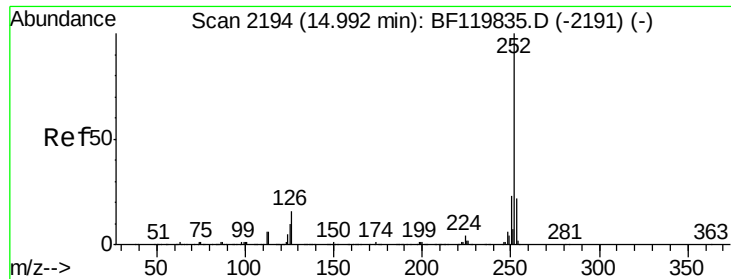


#88  
Benzo(b)fluoranthene  
Concen: 45.963 ng  
RT: 14.84 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.4  | 26.0  |
| 125     | 11.2  | 7.9   | 11.9  |







#89

Benzo(k)fluoranthene

Concen: 51.837 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA\_F

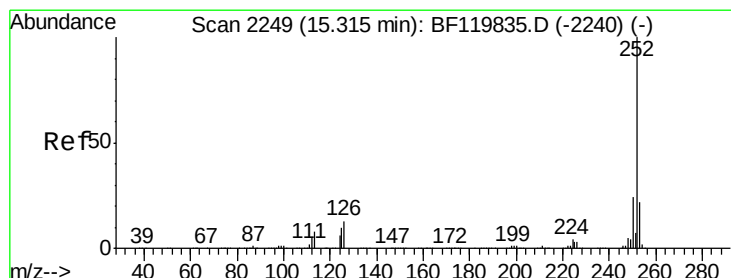
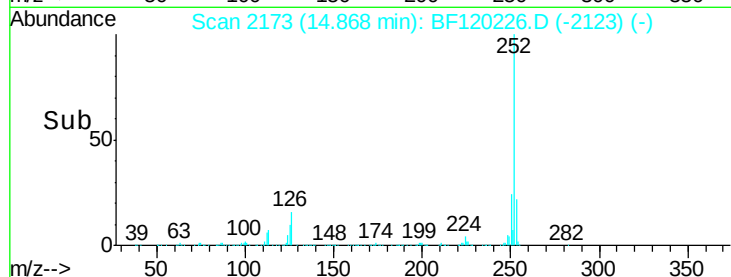
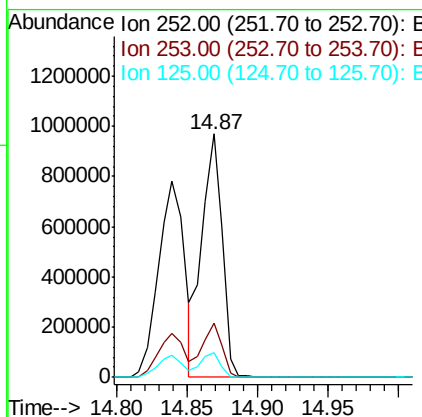
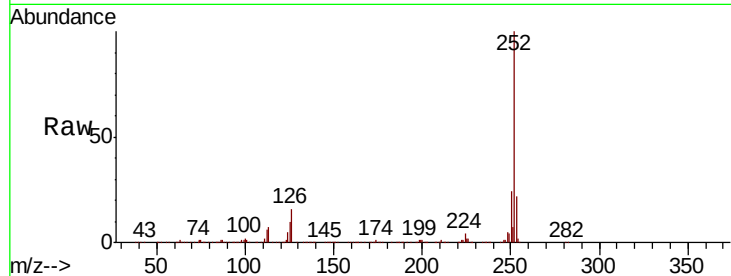
ClientSampleId :

HW-7MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 965872 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.8  | 26.6   |
| 125       | 10.4  | 8.4   | 12.6   |

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#90

Benzo(a)pyrene

Concen: 47.854 ng

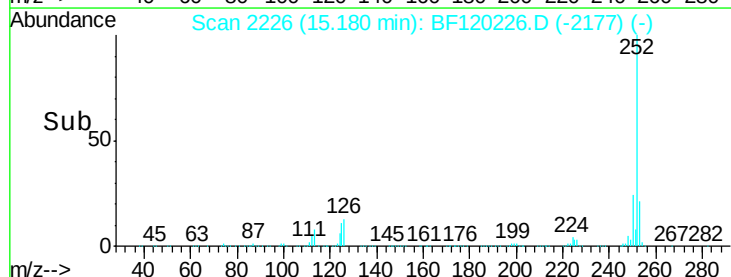
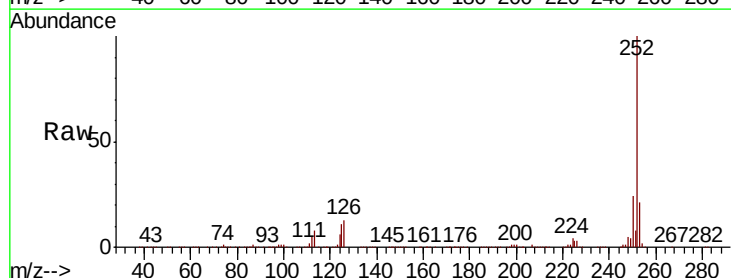
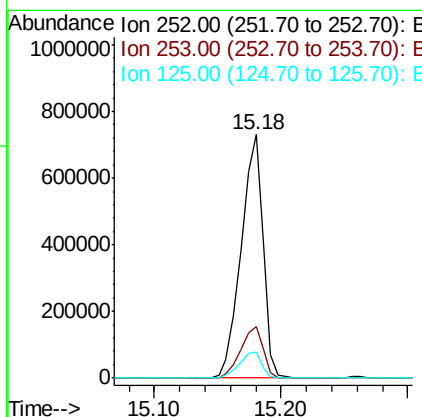
RT: 15.18 min Scan# 2226

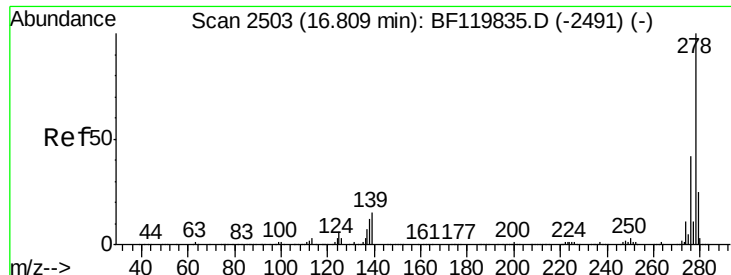
Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 868906 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.3  | 18.2  | 27.2   |
| 125       | 10.9  | 9.4   | 14.2   |





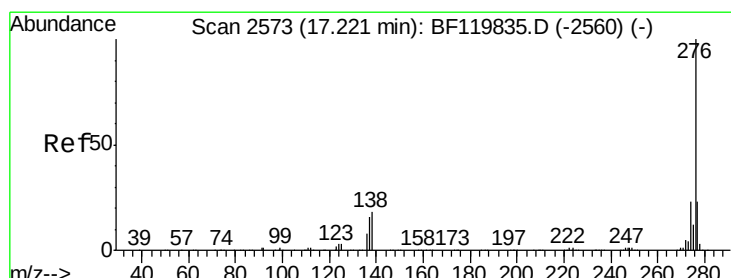
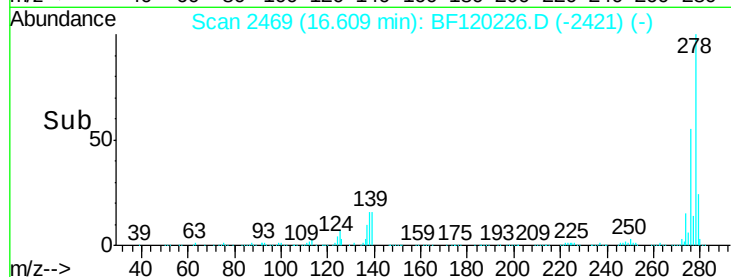
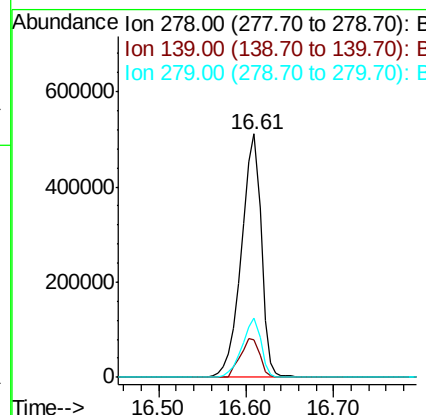
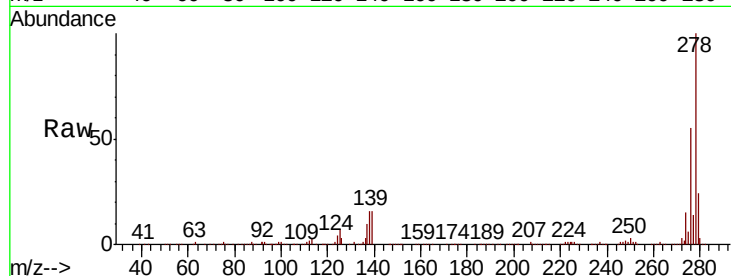
#91  
Dibenzo(a,h)anthracene  
Concen: 48.450 ng  
RT: 16.61 min Scan# 2469  
Delta R.T. -0.02 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

Instrument :  
BNA\_F  
ClientSampleId :  
HW-7MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.6  | 12.6  | 19.0  |
| 279     | 24.4  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 47.955 ng  
RT: 17.00 min Scan# 2536  
Delta R.T. -0.02 min  
Lab File: BF120226.D  
Acq: 27 Apr 2020 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.4  | 27.6  |
| 138     | 21.7  | 15.4  | 23.0  |

