

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101520\  
 Data File : BF121996.D  
 Acq On : 15 Oct 2020 17:47  
 Operator : JU/CG  
 Sample : L4393-04MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-COMPMS

Manual Integrations  
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 10/16/2020 12:47:54 PM

Quant Time: Oct 16 01:06:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 12:55:05 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.739  | 152  | 106860   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.028  | 136  | 420868   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.780  | 164  | 214358   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.263 | 188  | 374138   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.904 | 240  | 227196   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.339 | 264  | 240195   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 651380   | 89.97 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.392  | 99   | 822287   | 88.23 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.316  | 82   | 568198   | 69.24 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 230986   | 87.11 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.104  | 172  | 962429   | 66.06 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.845 | 244  | 781165   | 65.53 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 120864   | 37.96 | ng    | 98       |
| 3) Pyridine                   | 3.210  | 79   | 354173   | 42.30 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.169  | 42   | 171991   | 42.50 | ng    | 99       |
| 6) Aniline                    | 6.410  | 93   | 228074   | 19.87 | ng    | # 18     |
| 8) 2-Chlorophenol             | 6.534  | 128  | 319816   | 43.70 | ng    | 97       |
| 9) Benzaldehyde               | 6.292  | 77   | 166682   | 29.72 | ng    | 97       |
| 10) Phenol                    | 6.404  | 94   | 407431   | 42.36 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 318040   | 42.77 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.681  | 146  | 346383   | 42.08 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.763  | 146  | 345691   | 41.83 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.910  | 146  | 330618   | 43.76 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.898  | 79   | 274816   | 45.59 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.022  | 45   | 478541   | 41.82 | ng    | 70       |
| 17) 2-Methylphenol            | 7.016  | 107  | 260936   | 41.70 | ng    | # 90     |
| 18) Hexachloroethane          | 7.251  | 117  | 127395   | 42.68 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.163  | 70   | 229218   | 43.19 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.169  | 107  | 334613   | 44.35 | ng    | # 69     |
| 22) Acetophenone              | 7.157  | 105  | 436915   | 40.35 | ng    | # 91     |
| 24) Nitrobenzene              | 7.334  | 77   | 351141   | 40.03 | ng    | 97       |
| 25) Isophorone                | 7.569  | 82   | 618815   | 39.88 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 167989   | 41.59 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.692  | 122  | 281349   | 40.86 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.781  | 93   | 392474   | 40.43 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.898  | 162  | 265692   | 41.20 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.969  | 180  | 273245   | 39.85 | ng    | 99       |
| 31) Naphthalene               | 8.051  | 128  | 906203   | 40.19 | ng    | 100      |
| 32) Benzoic acid              | 7.816  | 122  | 31219    | 14.35 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.104  | 127  | 131930   | 13.74 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.163  | 225  | 165895   | 40.80 | ng    | 99       |
| 35) Caprolactam               | 8.486  | 113  | 77898m   | 38.04 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 288760   | 41.69 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.739  | 142  | 590511   | 40.44 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.839  | 142  | 542228   | 40.10 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.910  | 216  | 279756   | 40.44 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.886  | 237  | 96014    | 54.98 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.028  | 196  | 176100   | 41.25 | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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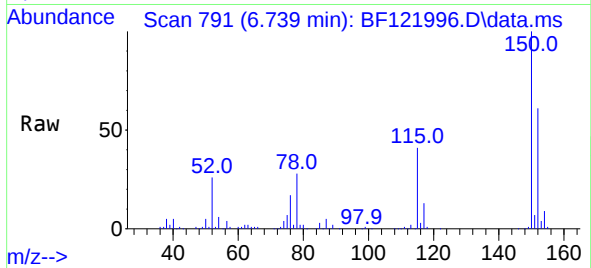
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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 183149   | 39.73 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.204  | 154  | 703708   | 40.37 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.228  | 162  | 550536   | 40.62 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.333  | 65   | 191719   | 42.88 | ng    | 99       |
| 49) Acenaphthylene            | 9.645  | 152  | 847000   | 40.69 | ng    | 100      |
| 50) Dimethylphthalate         | 9.504  | 163  | 756435   | 48.26 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.575  | 165  | 145231   | 42.24 | ng    | 97       |
| 52) Acenaphthene              | 9.816  | 154  | 500708   | 40.44 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.745  | 138  | 88784    | 22.70 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 41277    | 29.66 | ng    | 93       |
| 55) Dibenzofuran              | 9.986  | 168  | 720038   | 39.76 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.928  | 139  | 143369   | 67.40 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 9.986  | 165  | 176869   | 41.79 | ng    | # 88     |
| 58) Fluorene                  | 10.327 | 166  | 596656   | 40.89 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 148929   | 41.76 | ng    | 96       |
| 60) Diethylphthalate          | 10.204 | 149  | 626513   | 41.45 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.316 | 204  | 285307   | 40.78 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.363 | 138  | 144472   | 36.98 | ng    | 98       |
| 63) Azobenzene                | 10.480 | 77   | 656452   | 41.07 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.398 | 198  | 61740    | 26.79 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.439 | 169  | 552947   | 42.90 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 185350   | 42.88 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.880 | 284  | 208436   | 42.60 | ng    | # 91     |
| 69) Atrazine                  | 10.969 | 200  | 145864   | 46.29 | ng    | 99       |
| 70) Pentachlorophenol         | 11.080 | 266  | 105461   | 57.32 | ng    | 98       |
| 71) Phenanthrene              | 11.292 | 178  | 851318   | 41.50 | ng    | 100      |
| 72) Anthracene                | 11.339 | 178  | 875160   | 41.13 | ng    | 99       |
| 73) Carbazole                 | 11.504 | 167  | 757861   | 40.06 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.822 | 149  | 928313   | 42.65 | ng    | 100      |
| 75) Fluoranthene              | 12.480 | 202  | 804349   | 36.57 | ng    | 97       |
| 77) Benzidine                 | 12.604 | 184  | 291874   | 41.67 | ng    | 99       |
| 78) Pyrene                    | 12.704 | 202  | 789532   | 45.60 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.321 | 149  | 309165   | 45.03 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.898 | 228  | 624505   | 41.95 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.857 | 252  | 139144   | 25.20 | ng    | 99       |
| 83) Chrysene                  | 13.933 | 228  | 603579   | 41.30 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.874 | 149  | 392844   | 42.14 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.486 | 149  | 613610   | 40.69 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.762 | 276  | 787960   | 50.53 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.927 | 252  | 688662   | 42.42 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.957 | 252  | 586130   | 38.00 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.280 | 252  | 594150   | 42.37 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.768 | 278  | 638934   | 49.76 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.186 | 276  | 663076   | 51.60 | ng    | 98       |

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

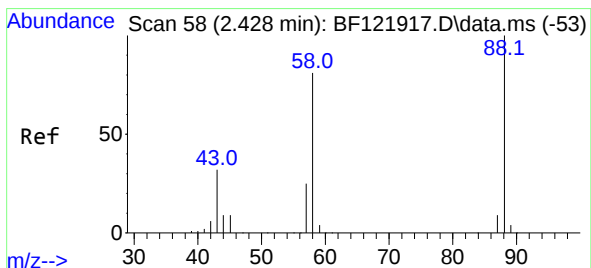
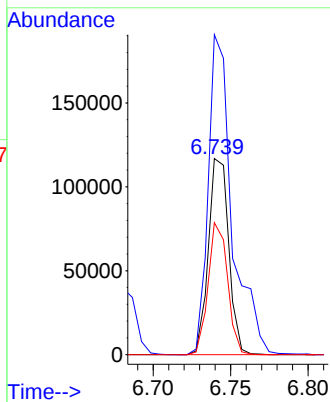
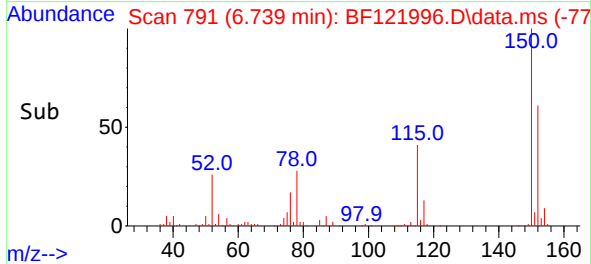




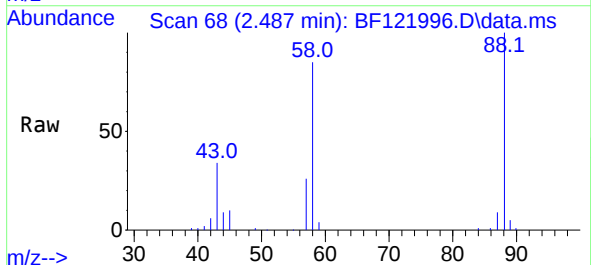
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.739 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



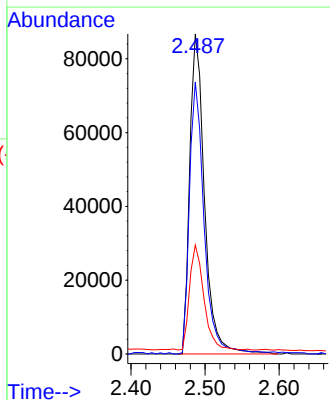
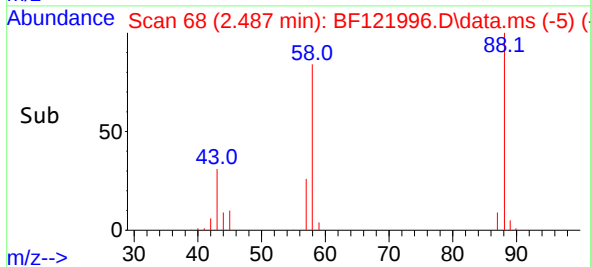
Tgt Ion:152 Resp: 106860  
Ion Ratio Lower Upper  
152 100  
150 163.1 125.3 187.9  
115 67.3 51.9 77.9



#2  
1,4-Dioxane  
Concen: 37.96 ng  
RT: 2.487 min Scan# 68  
Delta R.T. 0.071 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



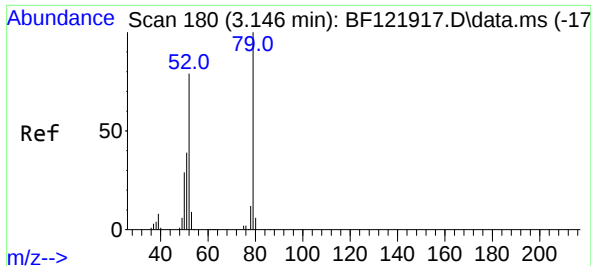
Tgt Ion: 88 Resp: 120864  
Ion Ratio Lower Upper  
88 100  
58 84.5 65.8 98.8  
43 31.7 25.8 38.8



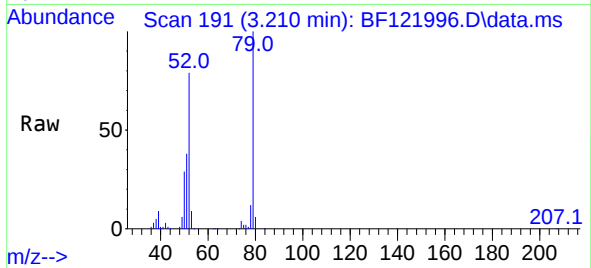
Instrument :  
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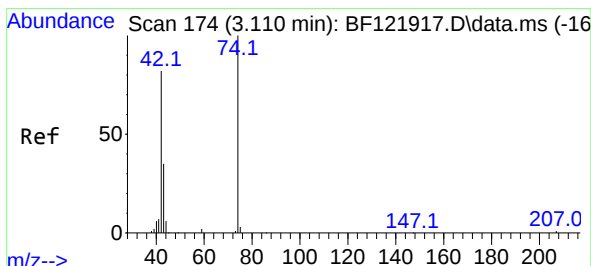
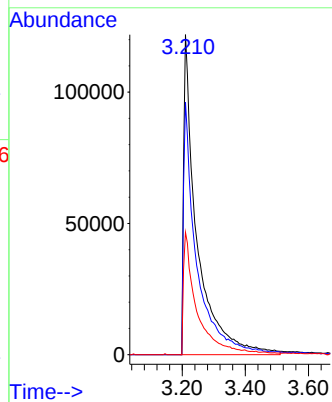
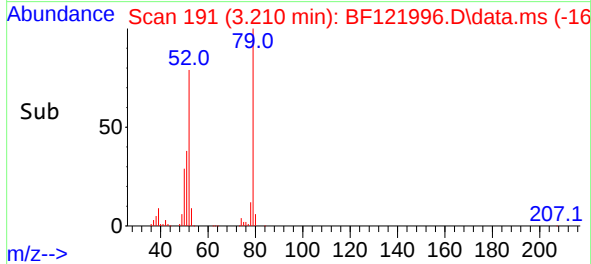
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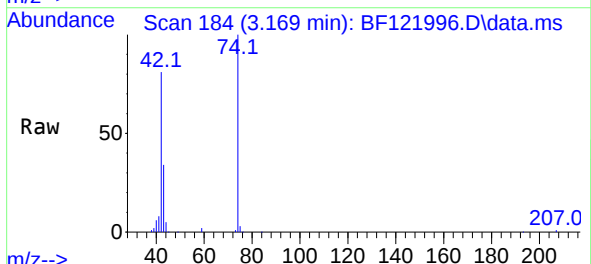
#3  
Pyridine  
Concen: 42.30 ng  
RT: 3.210 min Scan# 191  
Delta R.T. 0.071 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



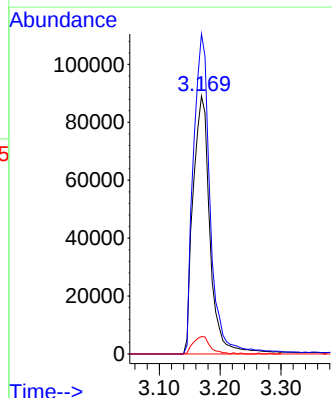
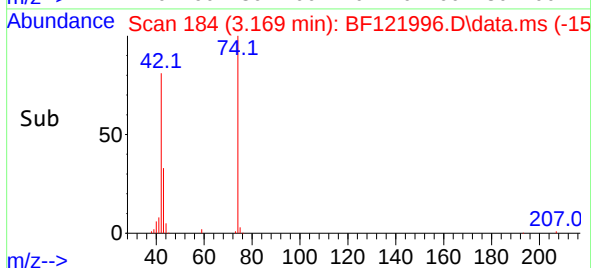
Tgt Ion: 79 Resp: 354173  
Ion Ratio Lower Upper  
79 100  
52 78.9 62.2 93.4  
51 38.2 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 42.50 ng  
RT: 3.169 min Scan# 184  
Delta R.T. 0.065 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion: 42 Resp: 171991  
Ion Ratio Lower Upper  
42 100  
74 124.1 100.2 150.2  
44 6.8 5.8 8.6



Instrument :  
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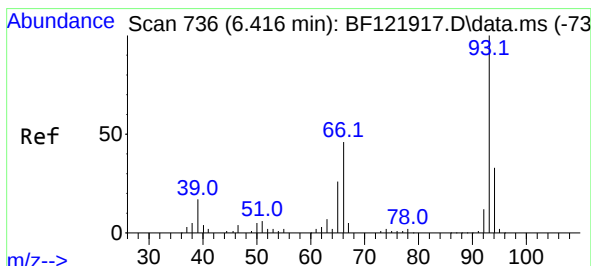
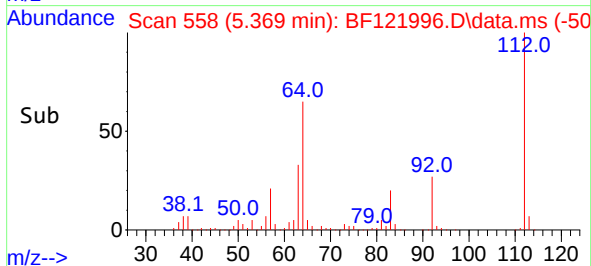
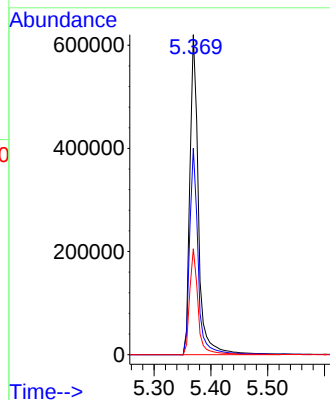
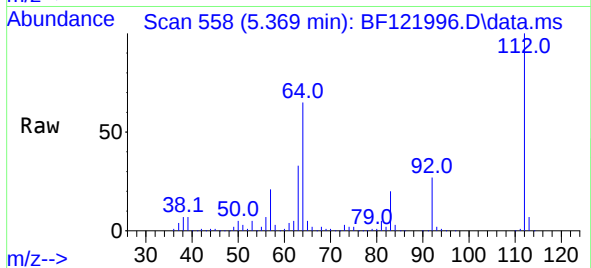
#5  
2-Fluorophenol  
Concen: 89.97 ng  
RT: 5.369 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 112 Resp: 651380  
Ion Ratio Lower Upper  
112 100  
64 64.5 50.4 75.6  
63 33.1 25.8 38.6

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

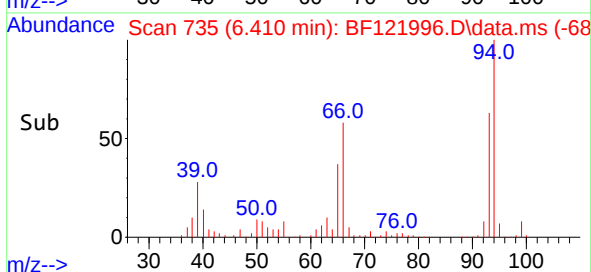
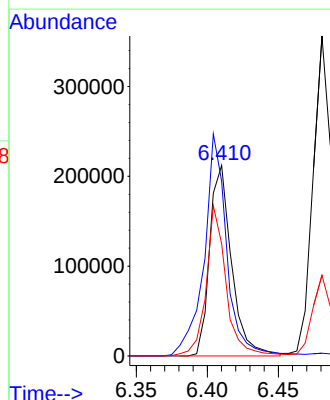
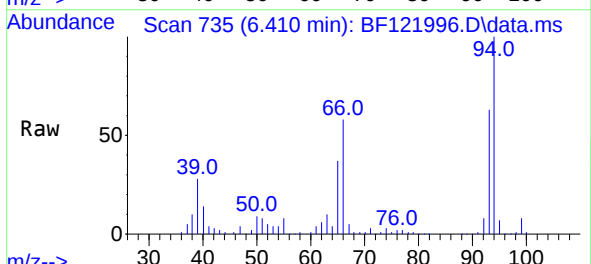
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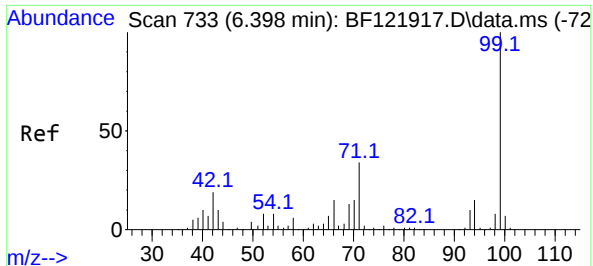
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#6  
Aniline  
Concen: 19.87 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
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Tgt Ion: 93 Resp: 228074  
Ion Ratio Lower Upper  
93 100  
66 91.6 32.7 49.1#  
65 58.9 16.6 24.8#





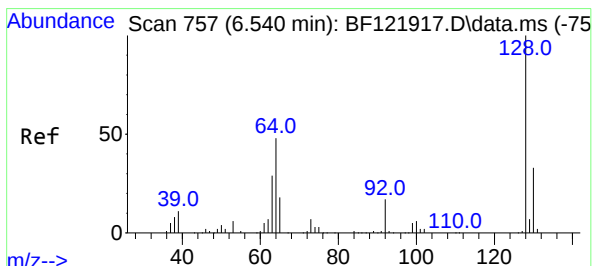
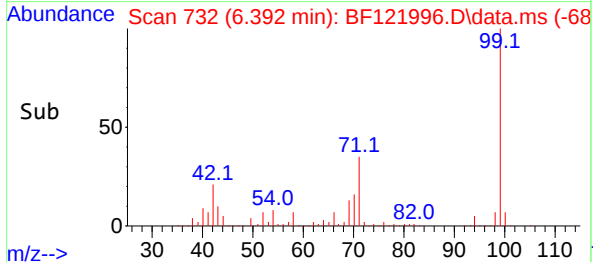
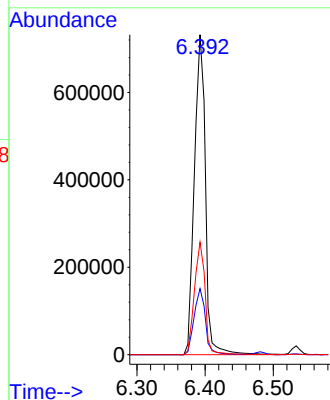
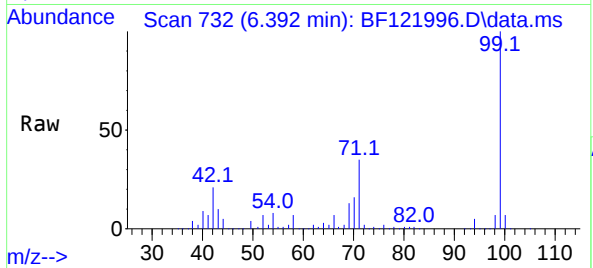
#7  
Phenol-d6  
Concen: 88.23 ng  
RT: 6.392 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 99 Resp: 822287  
Ion Ratio Lower Upper  
99 100  
42 20.6 15.9 23.9  
71 35.2 27.1 40.7

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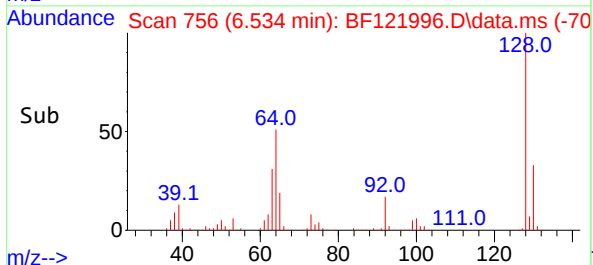
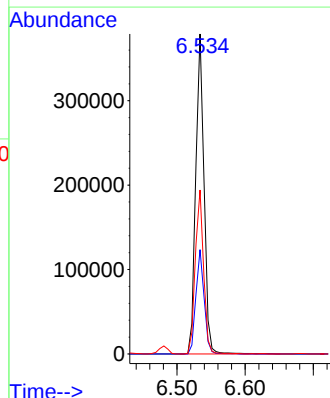
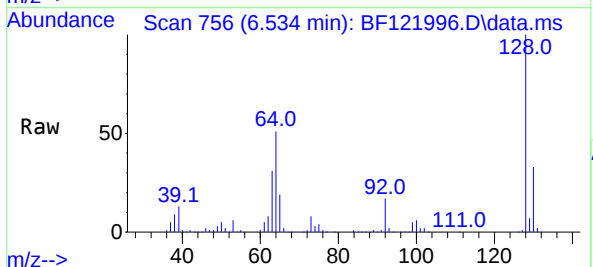
Manual Integrations  
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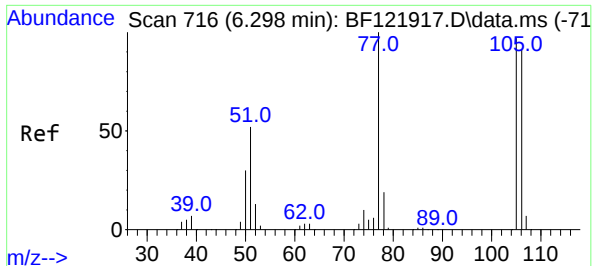
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#8  
2-Chlorophenol  
Concen: 43.70 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
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Tgt Ion:128 Resp: 319816  
Ion Ratio Lower Upper  
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130 32.6 12.4 52.4  
64 51.3 34.8 74.8





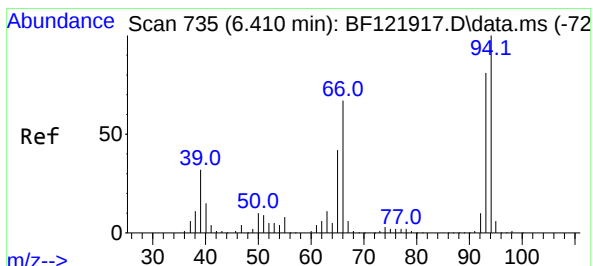
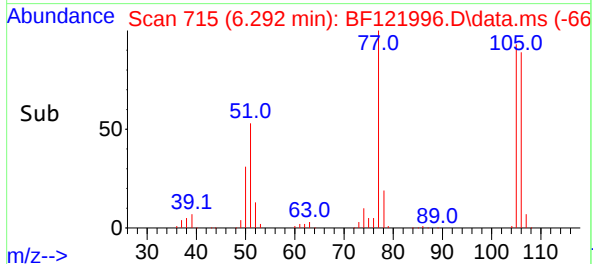
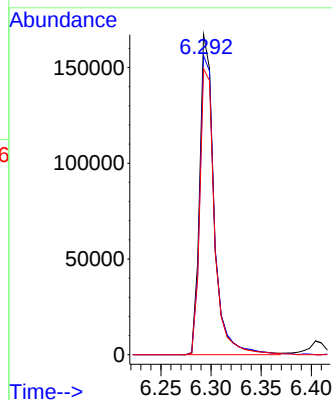
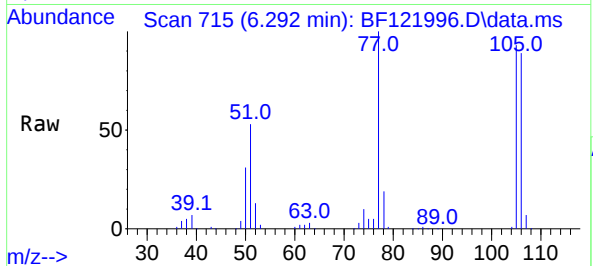
#9  
Benzaldehyde  
Concen: 29.72 ng  
RT: 6.292 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 77 Resp: 166682  
Ion Ratio Lower Upper  
77 100  
105 93.5 76.7 116.7  
106 89.4 71.3 111.3

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

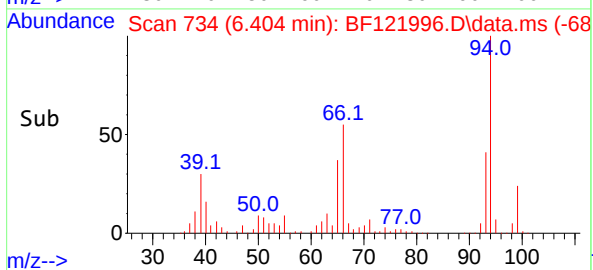
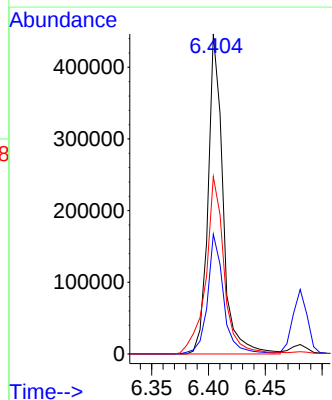
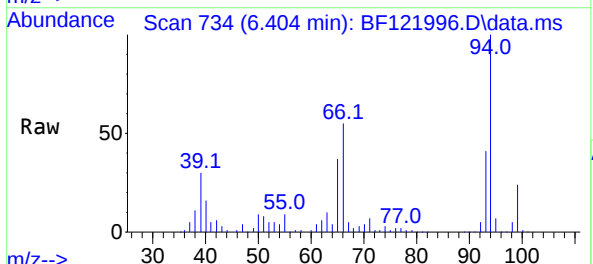
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#10  
Phenol  
Concen: 42.36 ng  
RT: 6.404 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 94 Resp: 407431  
Ion Ratio Lower Upper  
94 100  
65 37.5 17.1 57.1  
66 55.4 36.0 76.0





#11  
bis(2-Chloroethyl)ether  
Concen: 42.77 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

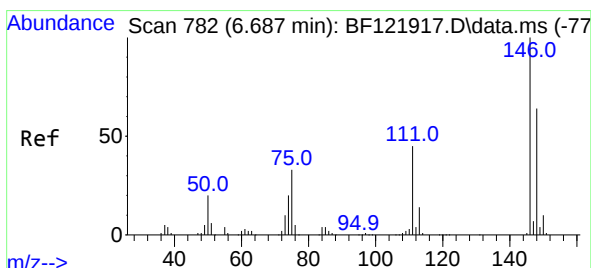
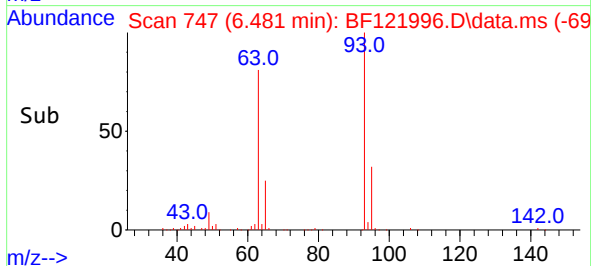
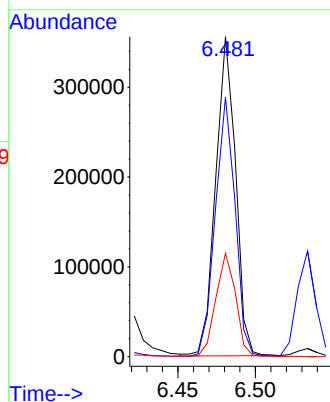
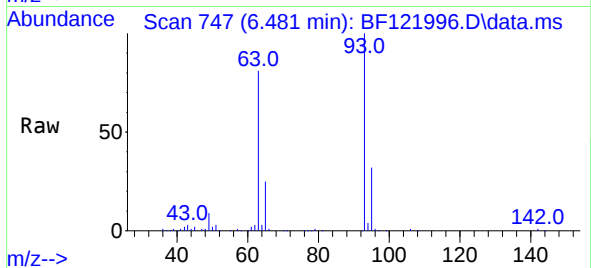
Tgt Ion: 93 Resp: 318040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 81.2  | 62.4  | 102.4 |
| 95  | 32.4  | 12.6  | 52.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

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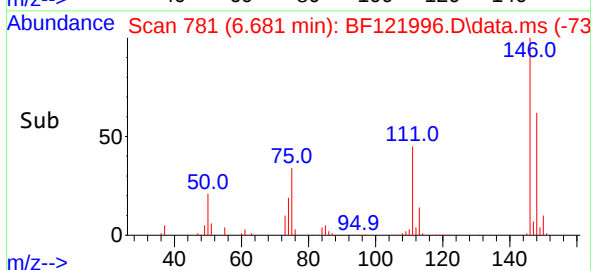
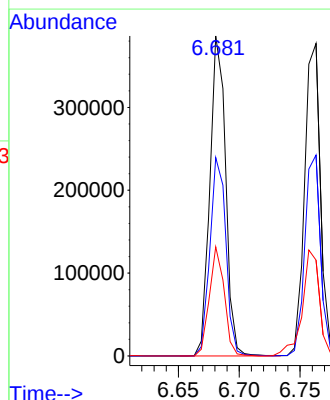
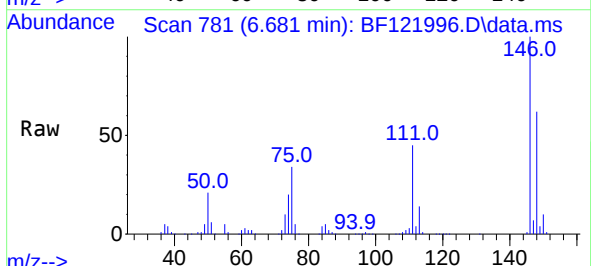
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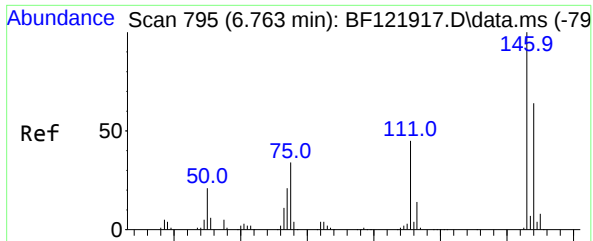


#12  
1,3-Dichlorobenzene  
Concen: 42.08 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

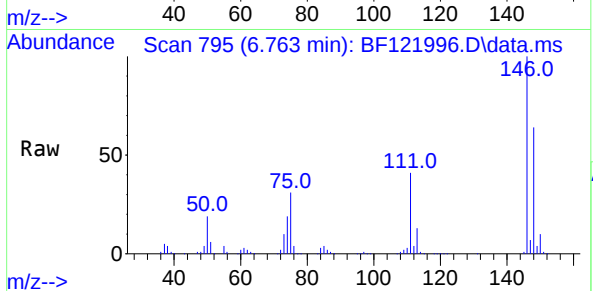
Tgt Ion: 146 Resp: 346383

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.0  | 51.0  | 76.4  |
| 75  | 34.1  | 27.6  | 41.4  |

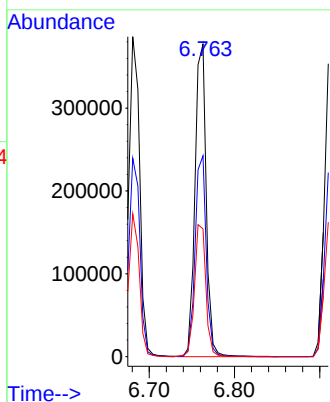




#13  
1,4-Dichlorobenzene  
Concen: 41.83 ng  
RT: 6.763 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



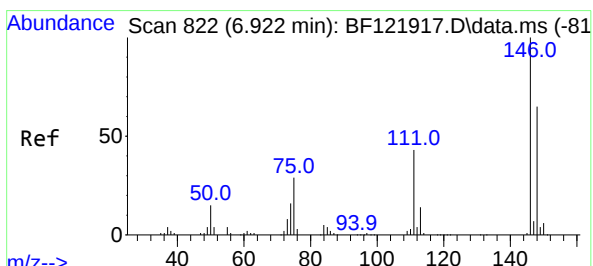
Tgt Ion:146 Resp: 345691  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.1 75.1  
111 40.9 34.6 52.0



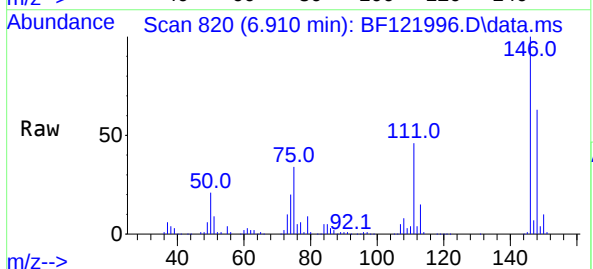
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

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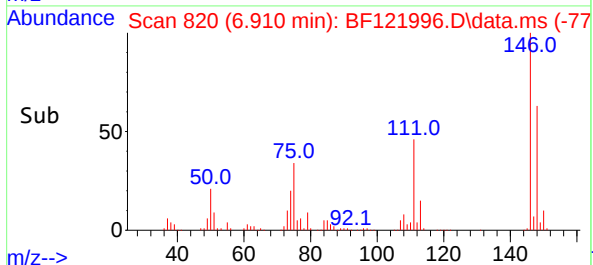
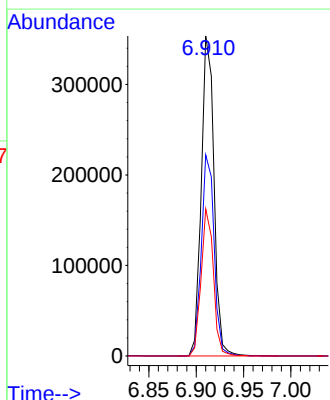
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#14  
1,2-Dichlorobenzene  
Concen: 43.76 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



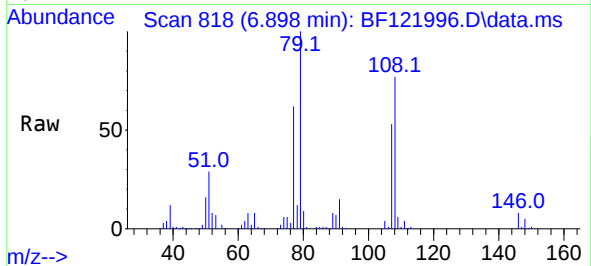
Tgt Ion:146 Resp: 330618  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.1 76.7  
111 45.9 34.2 51.4





#15  
Benzyl Alcohol  
Concen: 45.59 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

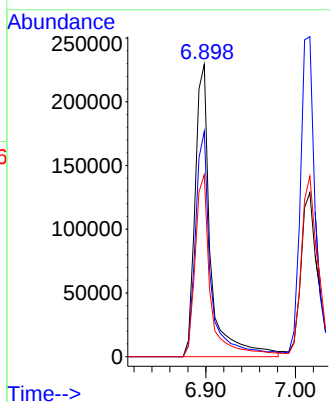
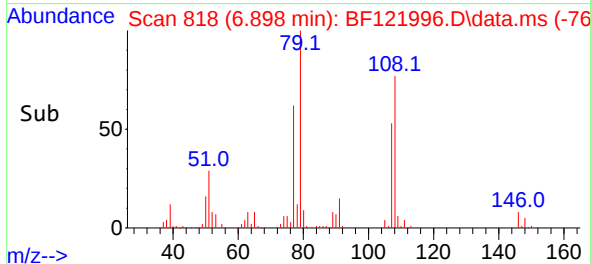
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



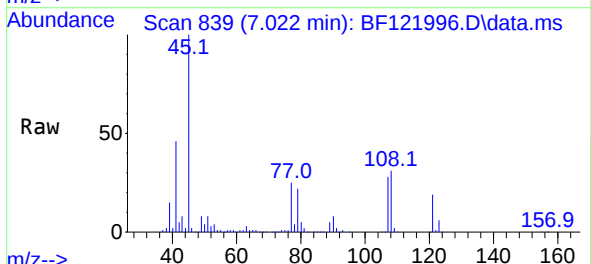
Tgt Ion: 79 Resp: 274816  
Ion Ratio Lower Upper  
79 100  
108 77.0 62.3 93.5  
77 62.2 50.6 75.8

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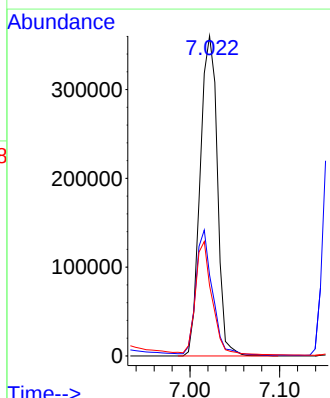
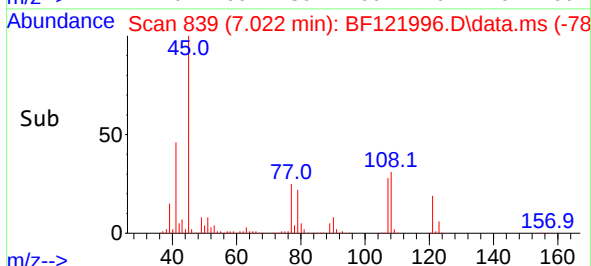
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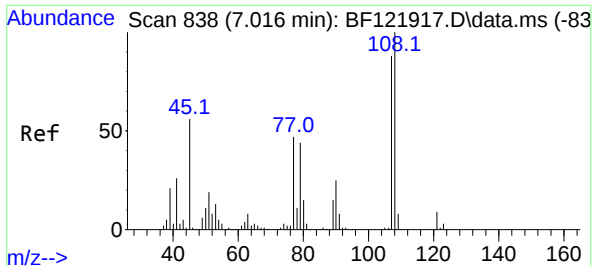


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.82 ng  
RT: 7.022 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

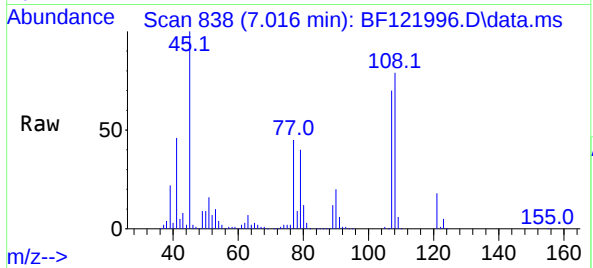


Tgt Ion: 45 Resp: 478541  
Ion Ratio Lower Upper  
45 100  
77 25.3 0.0 33.3  
79 22.0 0.0 30.4



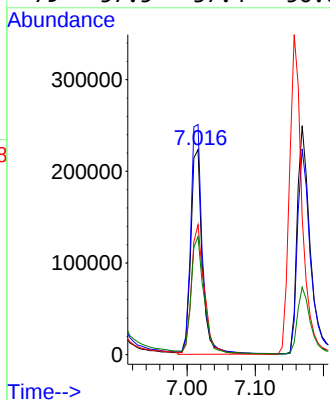


#17  
2-Methylphenol  
Concen: 41.70 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:107 Resp: 260936

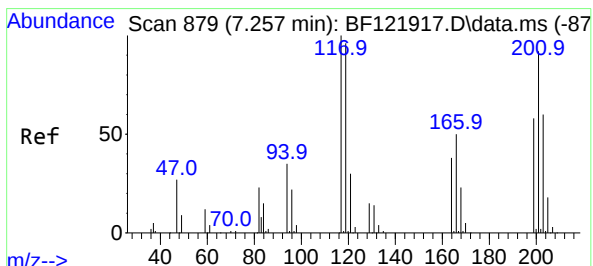
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.1 | 90.9  | 136.3 |
| 77  | 63.3  | 37.5  | 56.3# |
| 79  | 57.5  | 37.4  | 56.0# |



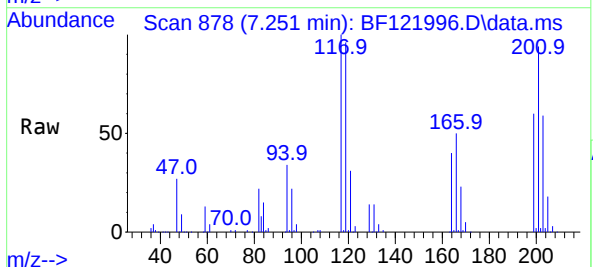
Instrument :  
BNA\_F  
ClientSampleId :  
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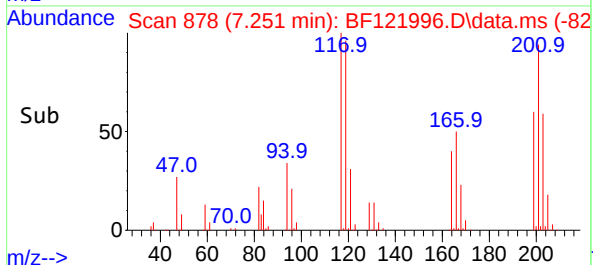
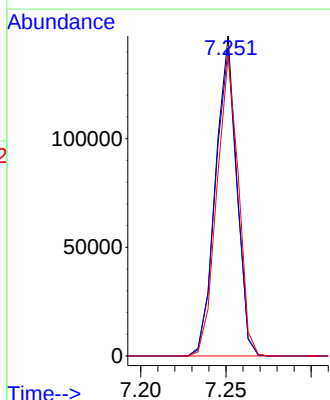


#18  
Hexachloroethane  
Concen: 42.68 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



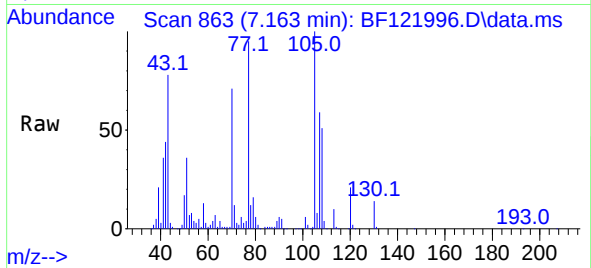
Tgt Ion:117 Resp: 127395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.2  | 76.3  | 114.5 |
| 201 | 93.7  | 71.8  | 107.6 |

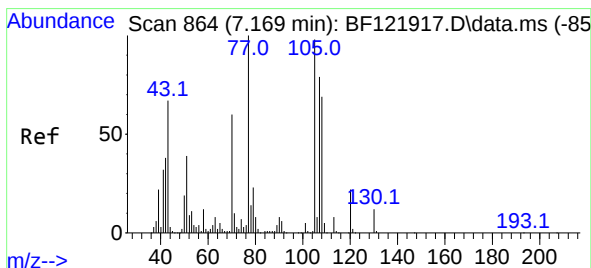
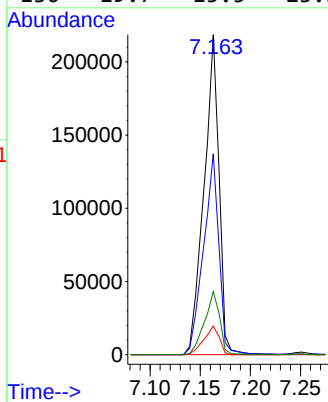
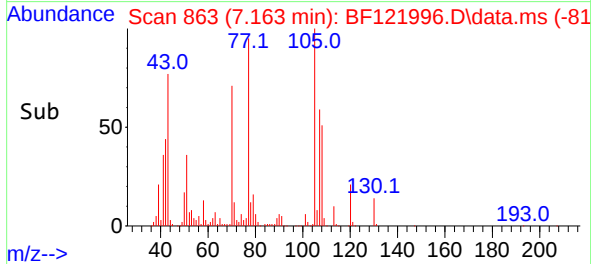




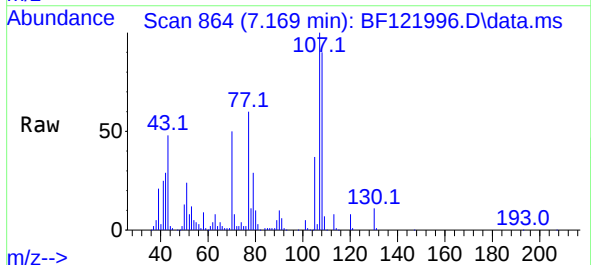
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.19 ng  
RT: 7.163 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



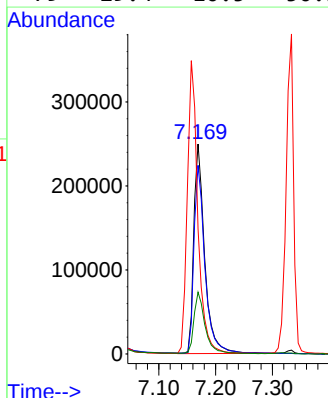
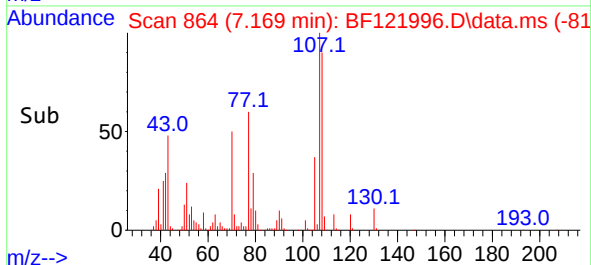
Tgt Ion: 70 Resp: 229218  
Ion Ratio Lower Upper  
70 100  
42 62.8 50.2 75.4  
101 9.0 7.5 11.3  
130 19.7 15.5 23.3



#20  
3+4-Methylphenols  
Concen: 44.35 ng  
RT: 7.169 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



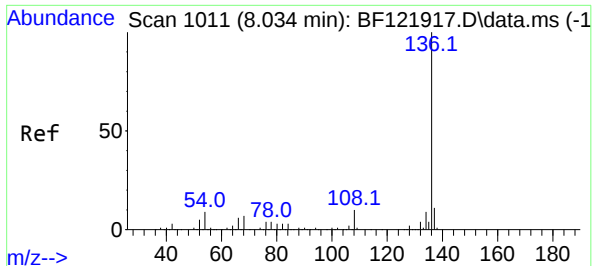
Tgt Ion: 107 Resp: 334613  
Ion Ratio Lower Upper  
107 100  
108 89.9 68.9 108.9  
77 59.7 108.0 148.0#  
79 29.4 10.5 50.5



Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

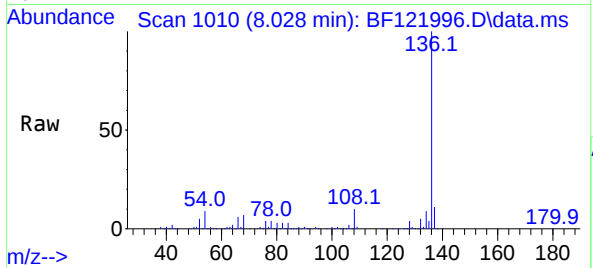
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

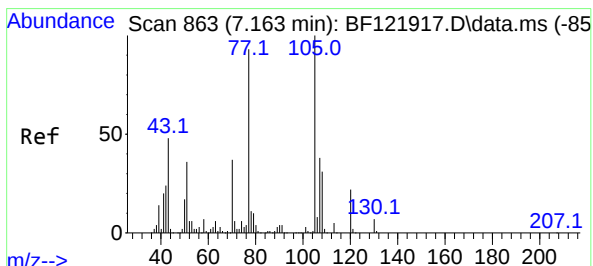
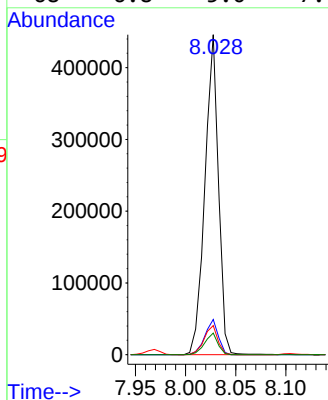
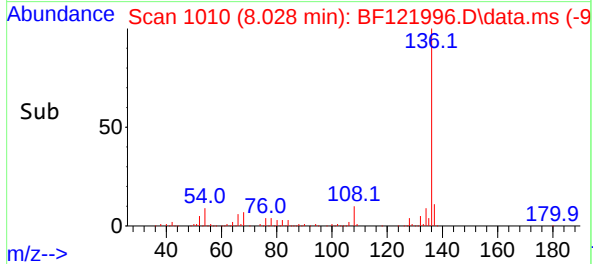
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



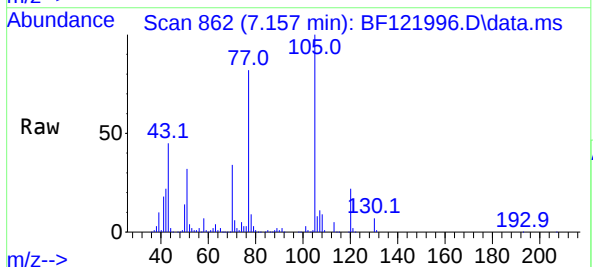
Tgt Ion:136 Resp: 420868  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.1 7.1 10.7  
68 6.8 5.0 7.4

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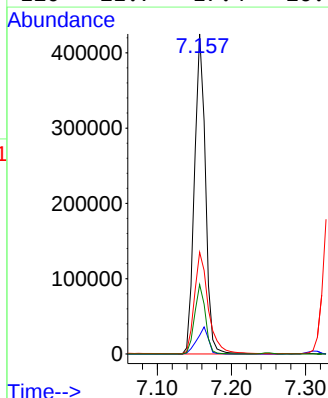
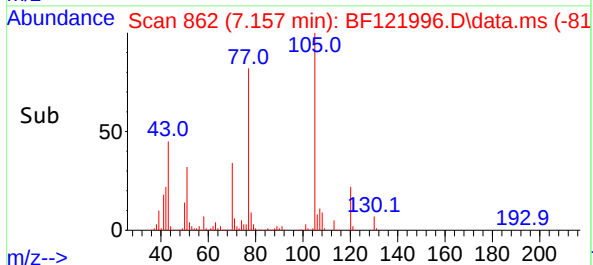
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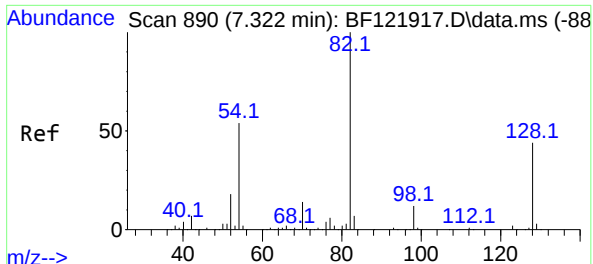


#22  
Acetophenone  
Concen: 40.35 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:105 Resp: 436915  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.3 7.9  
51 31.8 33.2 49.8#  
120 21.7 17.4 26.0





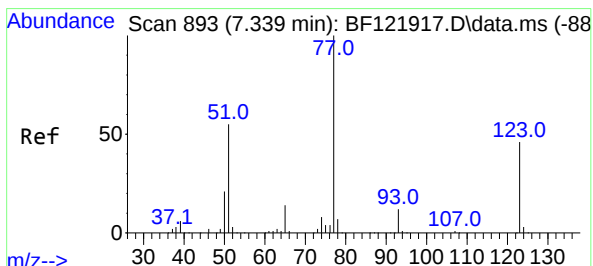
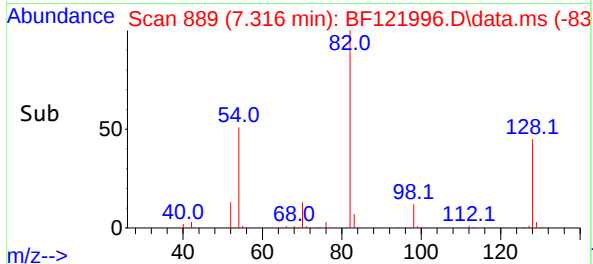
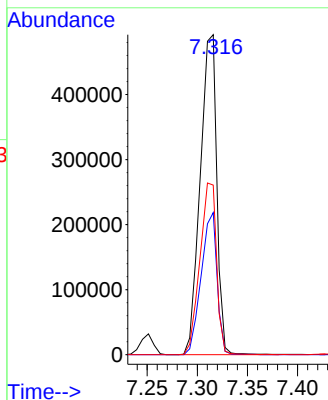
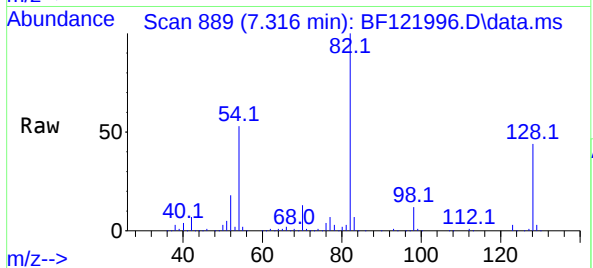
#23  
Nitrobenzene-d5  
Concen: 69.24 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 82 Resp: 568198  
Ion Ratio Lower Upper  
82 100  
128 44.4 35.0 52.4  
54 53.0 43.9 65.9

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

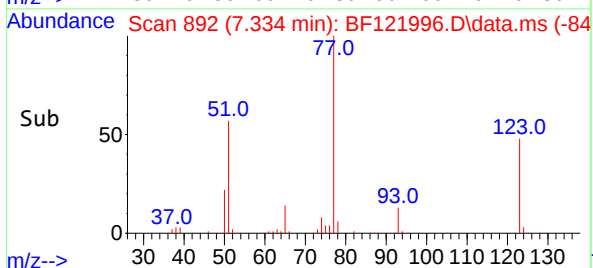
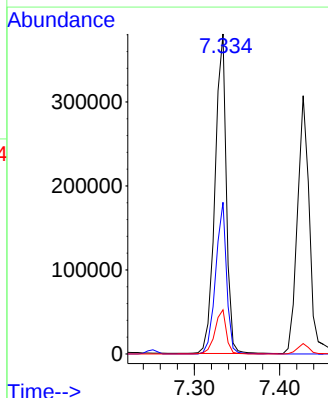
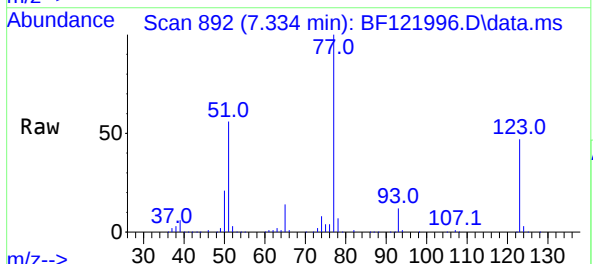
Manual Integrations  
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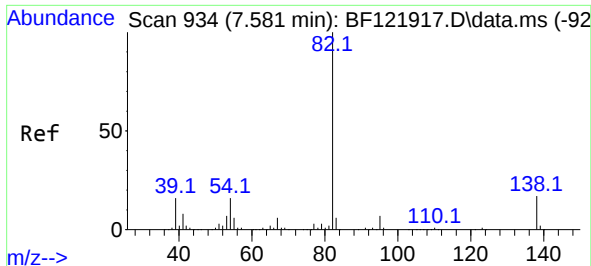
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#24  
Nitrobenzene  
Concen: 40.03 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 77 Resp: 351141  
Ion Ratio Lower Upper  
77 100  
123 47.4 35.6 53.4  
65 13.8 11.2 16.8





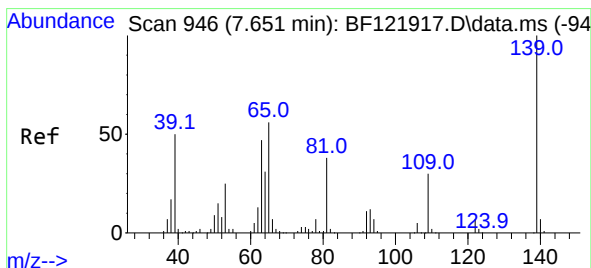
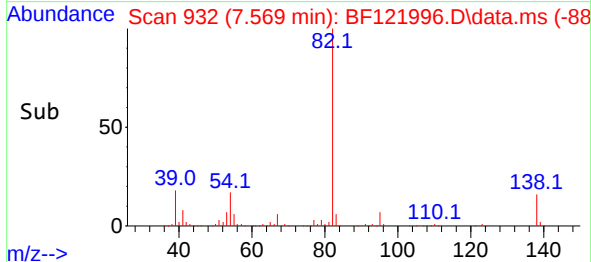
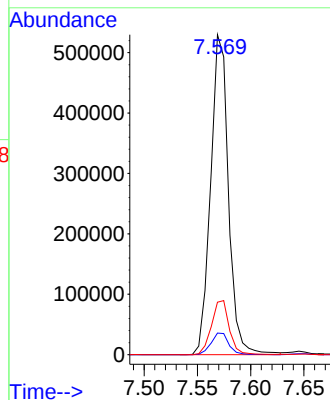
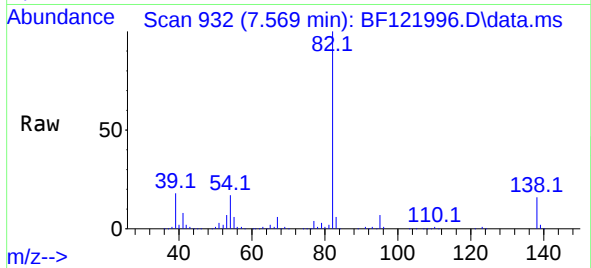
#25  
Isophorone  
Concen: 39.88 ng  
RT: 7.569 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 82 Resp: 618815  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.0  
138 16.4 13.4 20.0

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

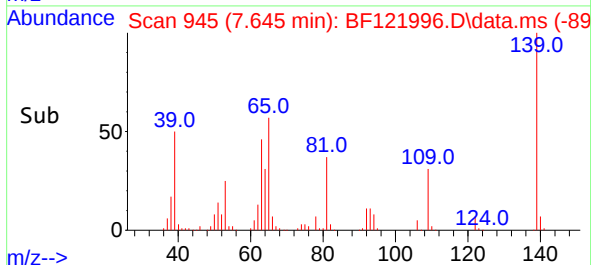
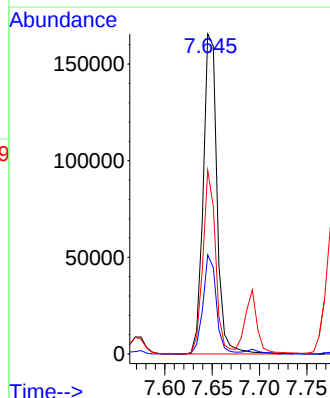
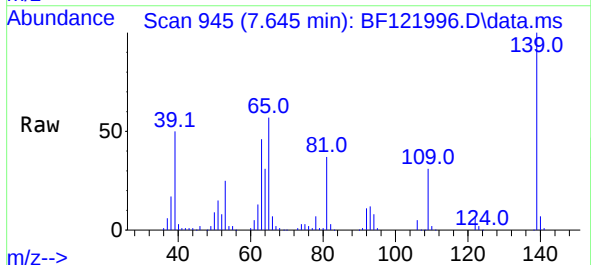
Manual Integrations  
APPROVED

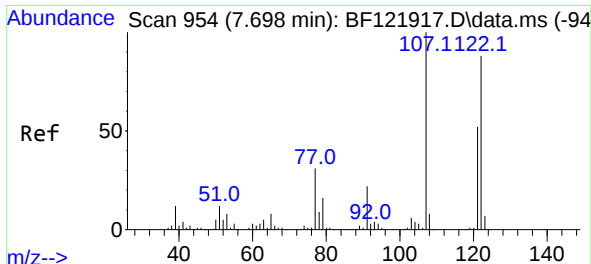
mohammad  
10/16/2020 12:47:54 PM



#26  
2-Nitrophenol  
Concen: 41.59 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 139 Resp: 167989  
Ion Ratio Lower Upper  
139 100  
109 30.9 23.0 34.4  
65 57.4 39.9 59.9





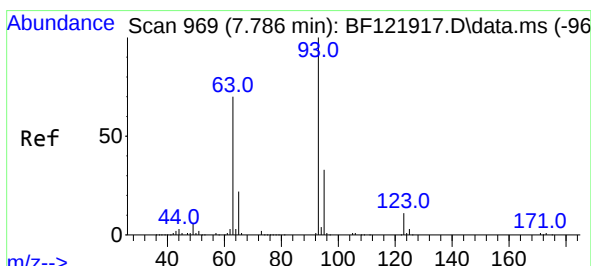
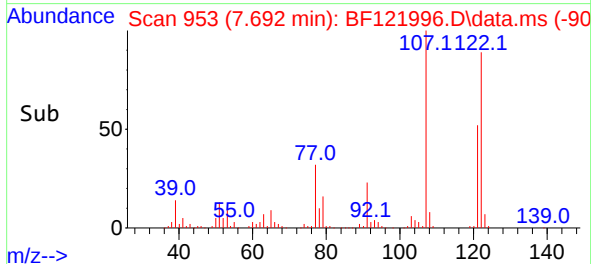
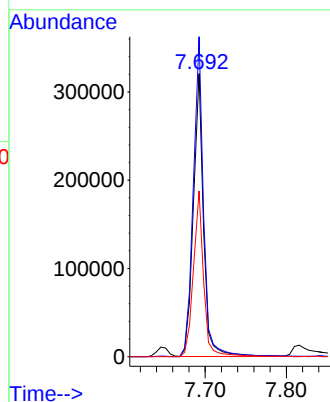
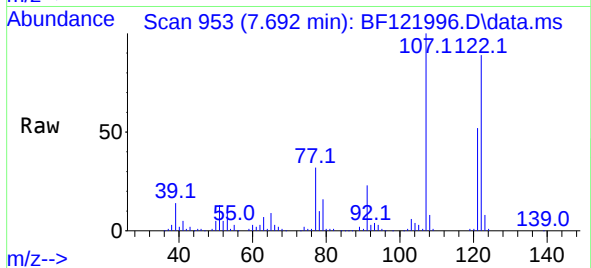
#27  
2,4-Dimethylphenol  
Concen: 40.86 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 122 Resp: 281349  
Ion Ratio Lower Upper  
122 100  
107 113.0 90.8 136.2  
121 58.5 47.5 71.3

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

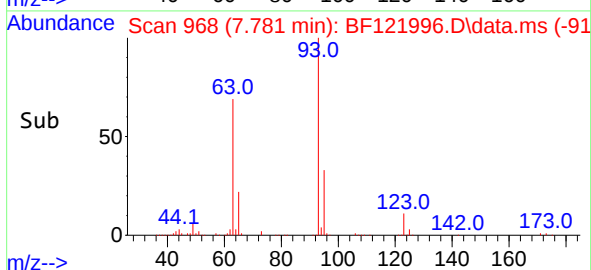
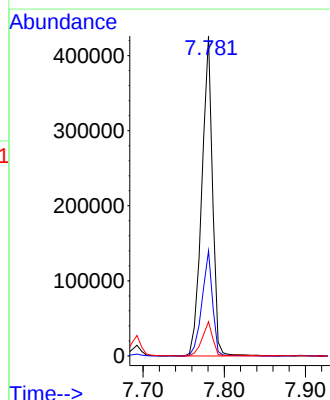
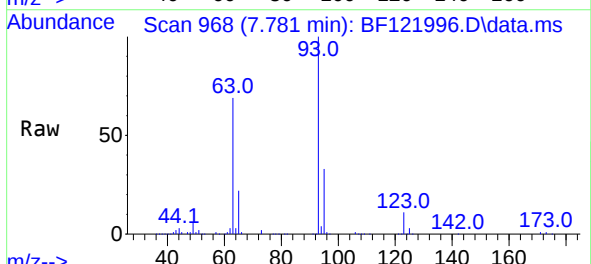
Manual Integrations  
APPROVED

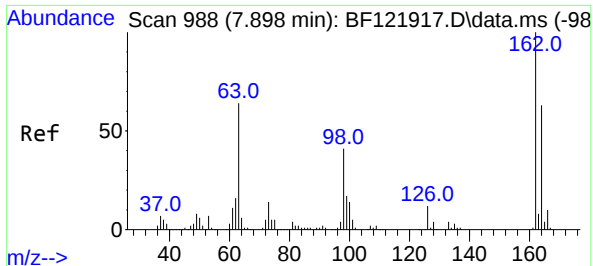
mohammad  
10/16/2020 12:47:54 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.43 ng  
RT: 7.781 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 93 Resp: 392474  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.2 39.4  
123 10.7 8.8 13.2





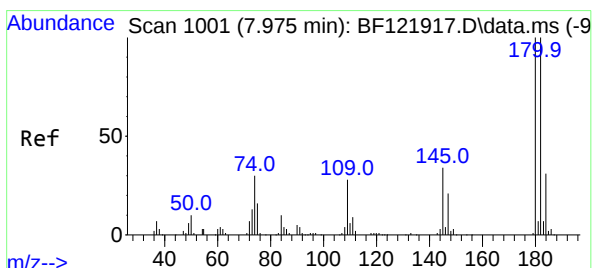
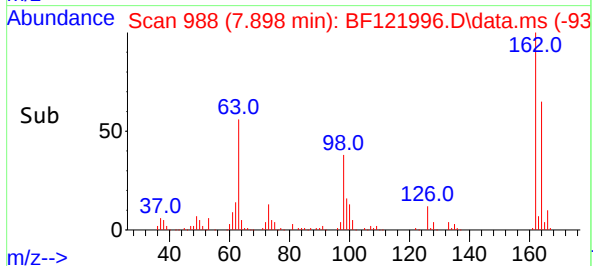
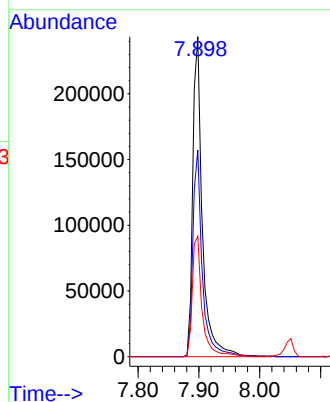
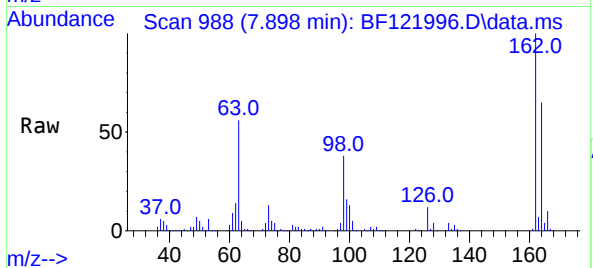
#29  
2,4-Dichlorophenol  
Concen: 41.20 ng  
RT: 7.898 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:162 Resp: 265692  
Ion Ratio Lower Upper  
162 100  
164 64.6 42.5 82.5  
98 37.7 20.1 60.1

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

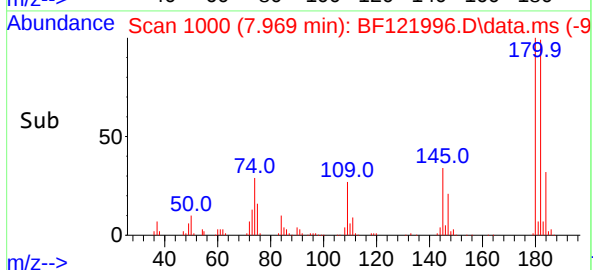
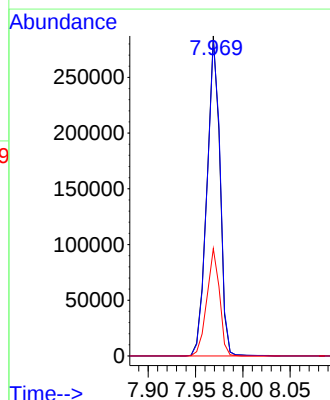
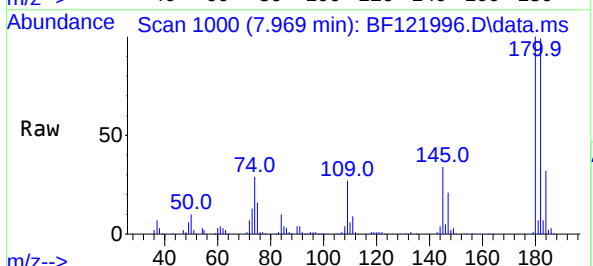
Manual Integrations  
APPROVED

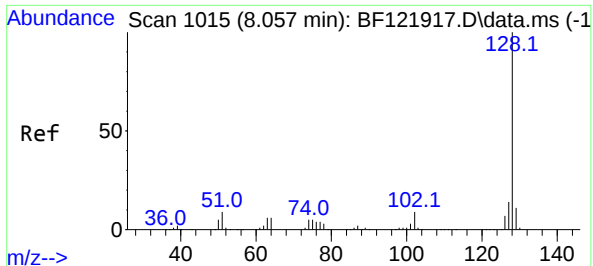
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.85 ng  
RT: 7.969 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:180 Resp: 273245  
Ion Ratio Lower Upper  
180 100  
182 98.7 79.4 119.2  
145 33.5 25.5 38.3





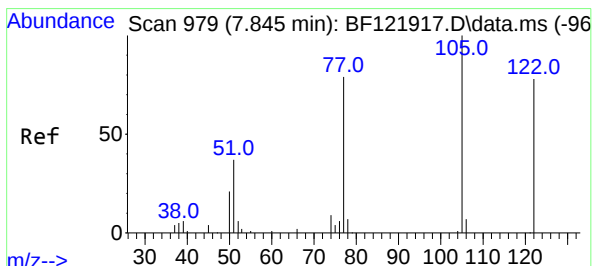
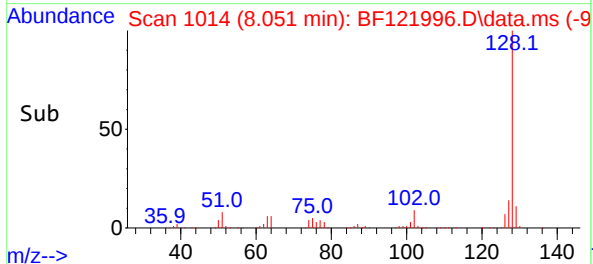
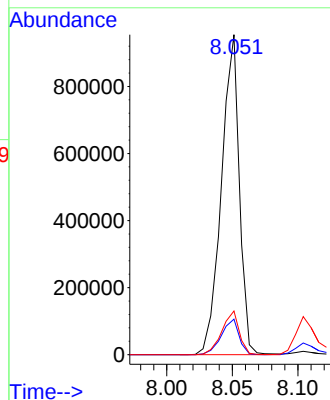
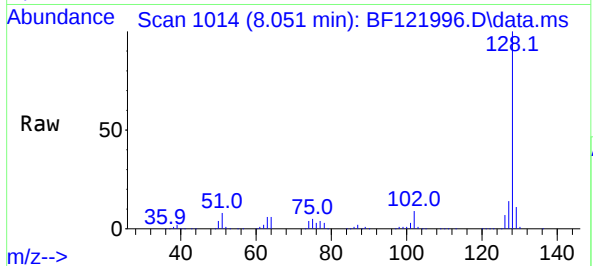
#31  
Naphthalene  
Concen: 40.19 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:128 Resp: 906203  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.6 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

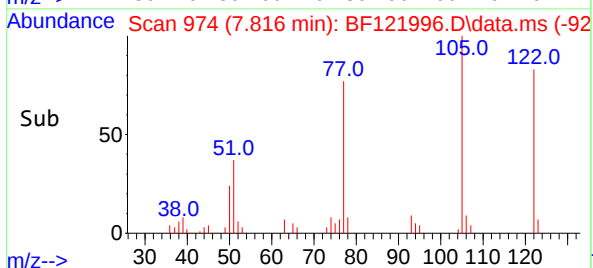
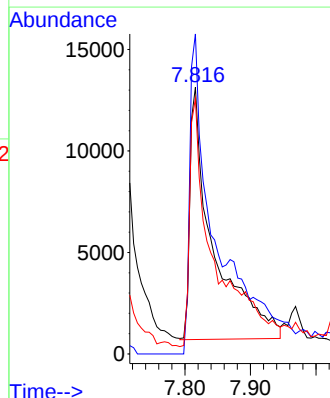
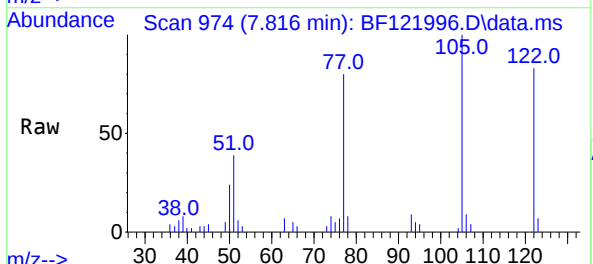
Manual Integrations  
APPROVED

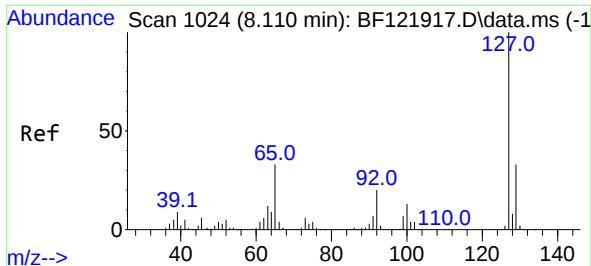
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#32  
Benzoic acid  
Concen: 14.35 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.023 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:122 Resp: 31219  
Ion Ratio Lower Upper  
122 100  
105 120.0 103.3 143.3  
77 95.8 73.9 113.9





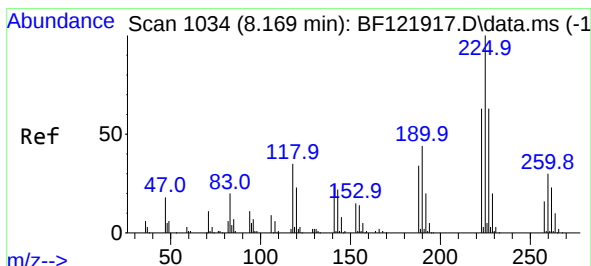
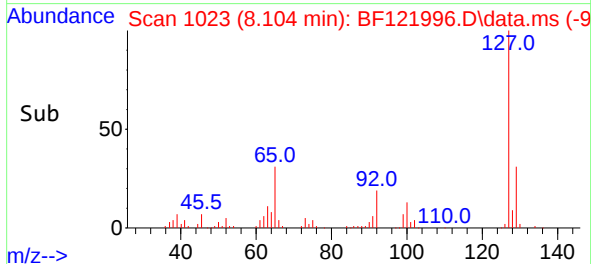
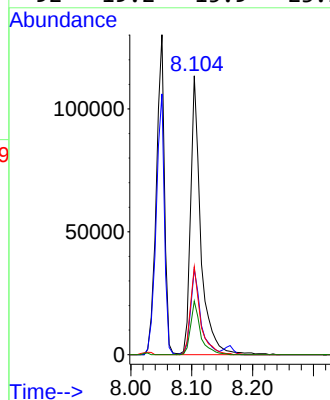
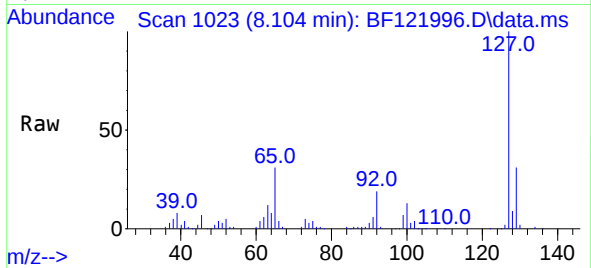
#33  
4-Chloroaniline  
Concen: 13.74 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 131930 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 30.8  | 26.3  | 39.5   |
| 65        | 31.5  | 26.2  | 39.2   |
| 92        | 19.2  | 15.9  | 23.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

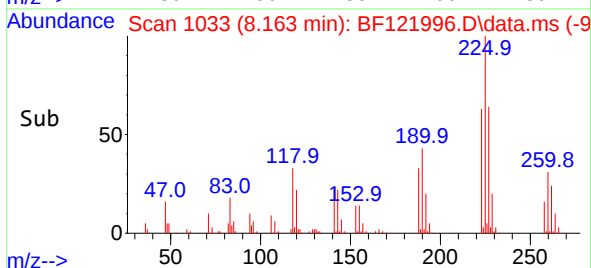
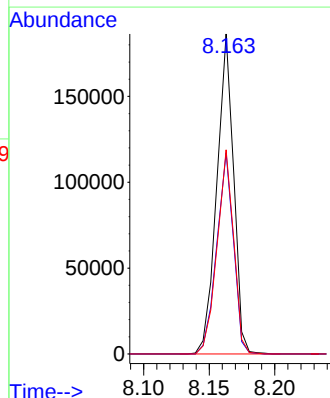
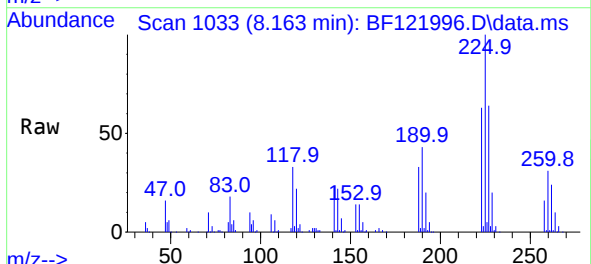
Manual Integrations  
APPROVED

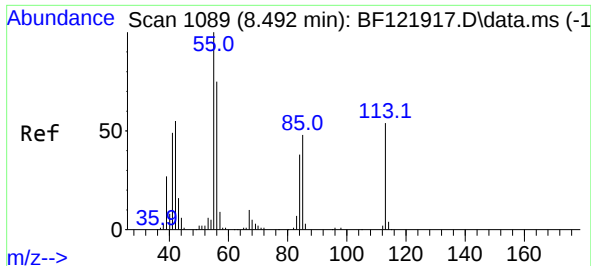
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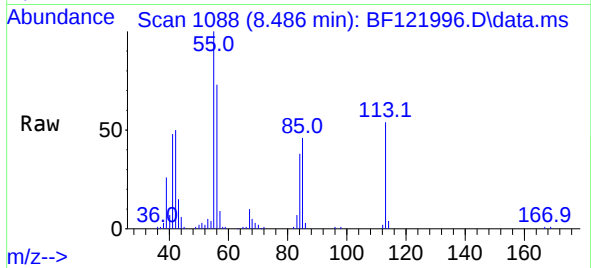
#34  
Hexachlorobutadiene  
Concen: 40.80 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 165895 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 51.1  | 76.7   |
| 227       | 63.8  | 51.0  | 76.6   |

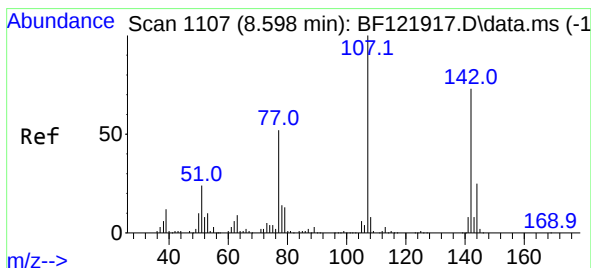
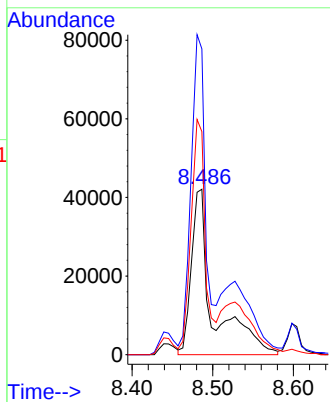
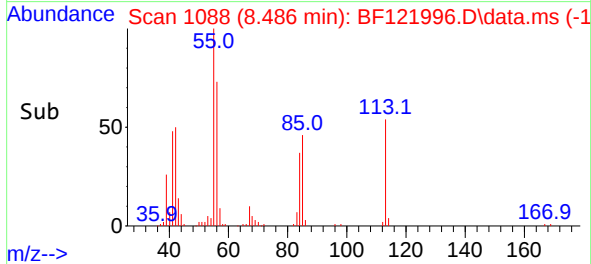




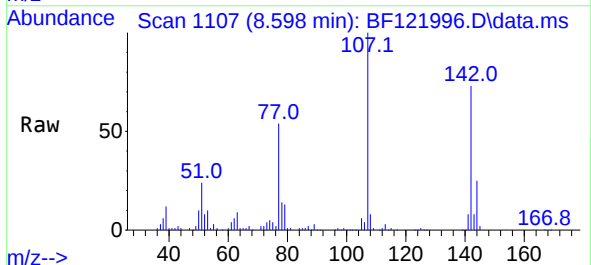
#35  
Caprolactam  
Concen: 38.04 ng m  
RT: 8.486 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



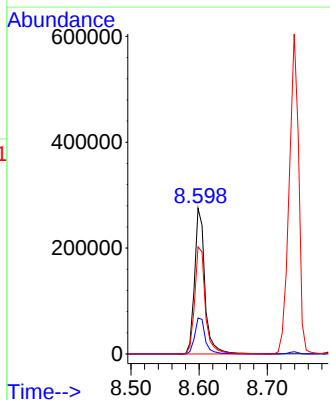
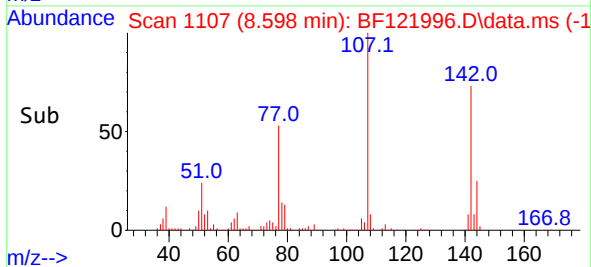
Tgt Ion:113 Resp: 77898  
Ion Ratio Lower Upper  
113 100  
55 184.9 167.5 207.5  
56 134.8 121.2 161.2



#36  
4-Chloro-3-methylphenol  
Concen: 41.69 ng  
RT: 8.598 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:107 Resp: 288760  
Ion Ratio Lower Upper  
107 100  
144 24.7 20.1 30.1  
142 73.4 59.3 88.9



Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

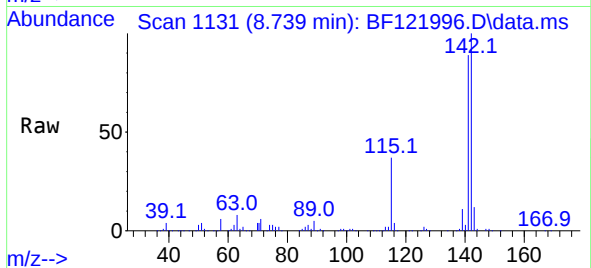
Manual Integrations  
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#37  
2-Methylnaphthalene  
Concen: 40.44 ng  
RT: 8.739 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

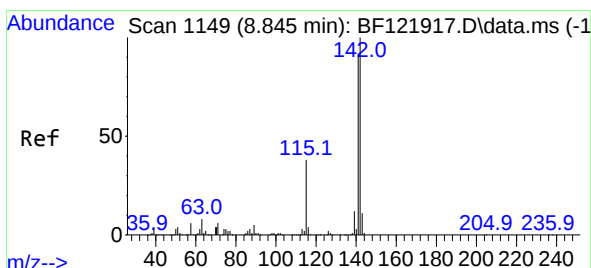
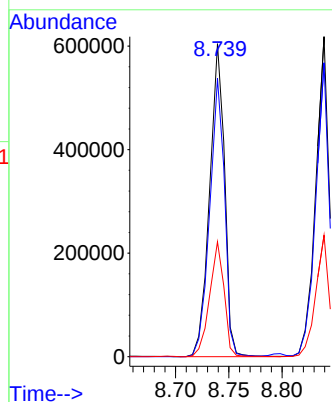
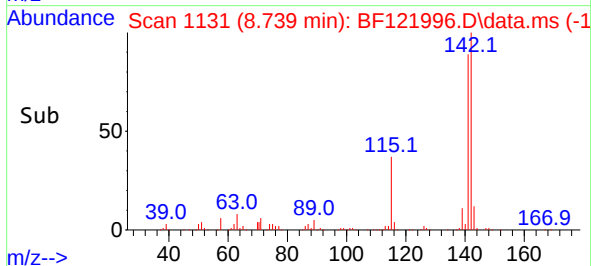
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



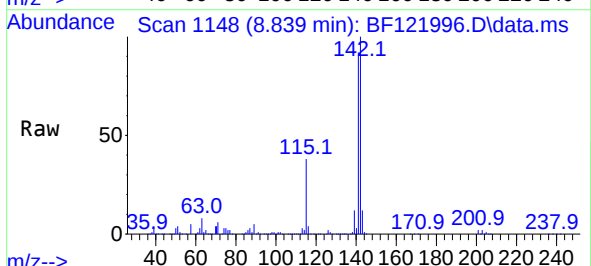
Tgt Ion:142 Resp: 590511  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.2 105.4  
115 36.7 28.6 43.0

Manual Integrations  
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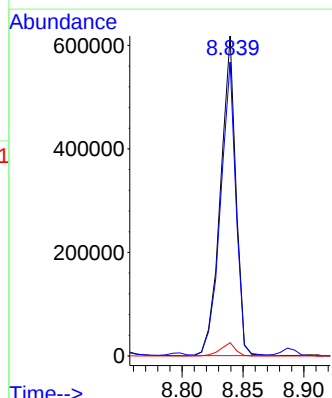
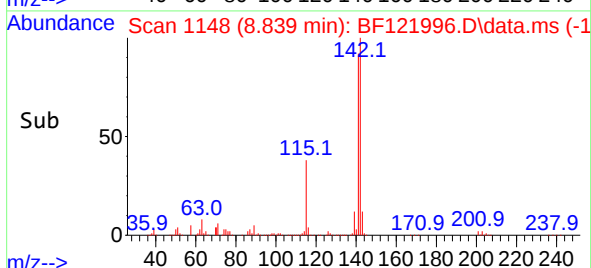
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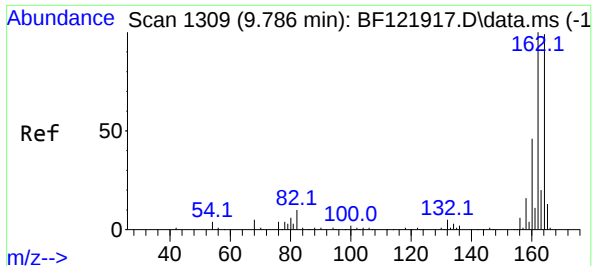


#38  
1-Methylnaphthalene  
Concen: 40.10 ng  
RT: 8.839 min Scan# 1148  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:142 Resp: 542228  
Ion Ratio Lower Upper  
142 100  
141 91.9 74.5 111.7  
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.780 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BF121996.D

Acq: 15 Oct 2020 17:47

Tgt Ion:164 Resp: 214358

Ion Ratio Lower Upper

164 100

162 101.9 83.2 124.8

160 46.1 37.5 56.3

Instrument :

BNA\_F

ClientSampled :

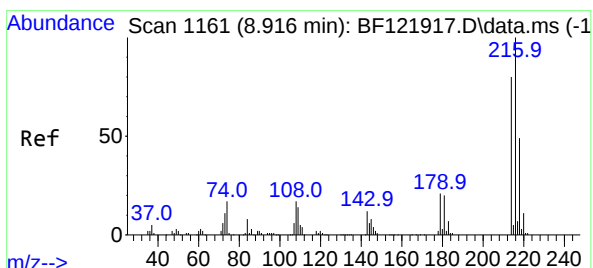
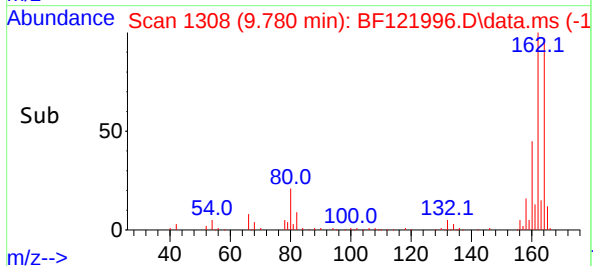
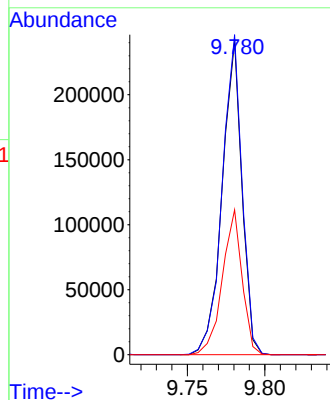
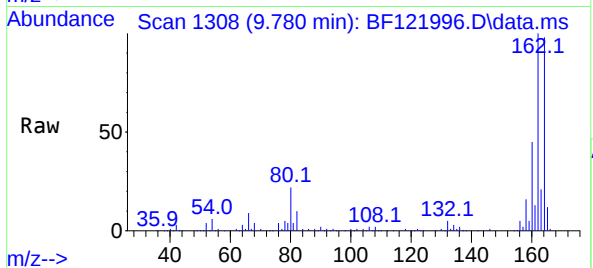
SP-COMPMS

Manual Integrations

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.44 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF121996.D

Acq: 15 Oct 2020 17:47

Tgt Ion:216 Resp: 279756

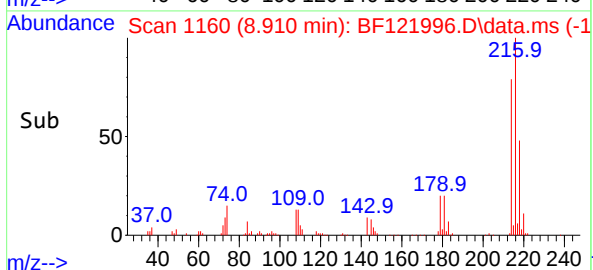
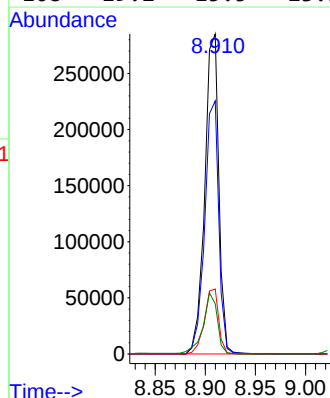
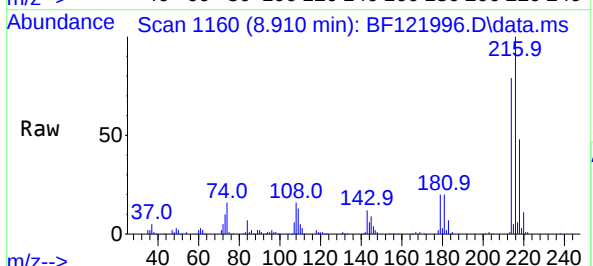
Ion Ratio Lower Upper

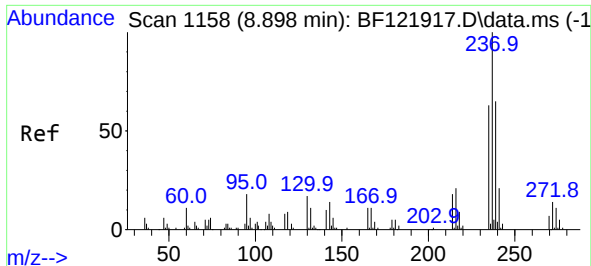
216 100

214 78.9 63.4 95.2

179 20.6 17.0 25.6

108 19.2 15.5 23.3





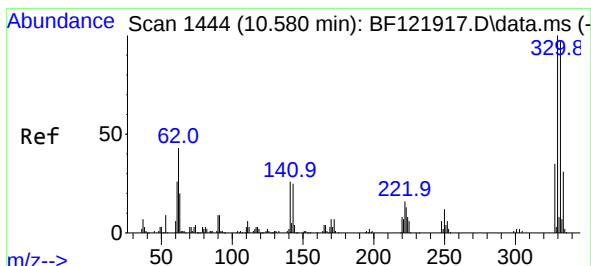
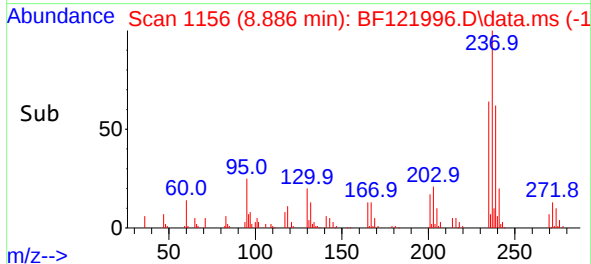
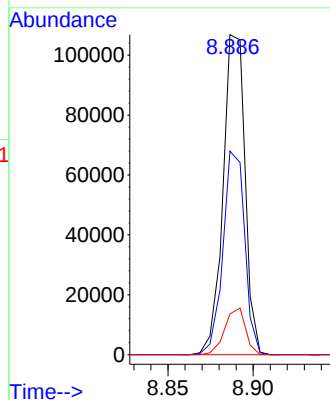
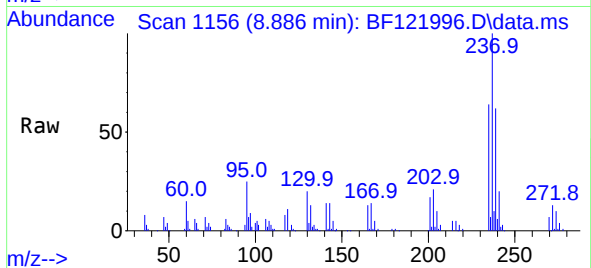
#41  
Hexachlorocyclopentadiene  
Concen: 54.98 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 237 Resp: 96014  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.8 81.8  
272 12.8 0.0 33.5

Instrument :  
BNA\_F  
ClientSampled :  
SP-COMPMS

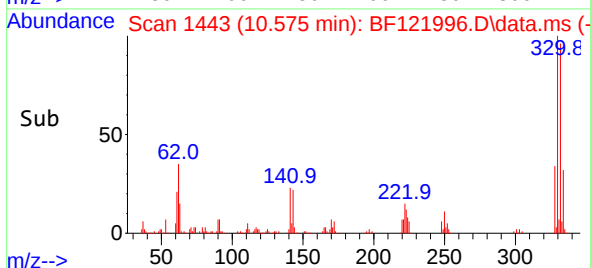
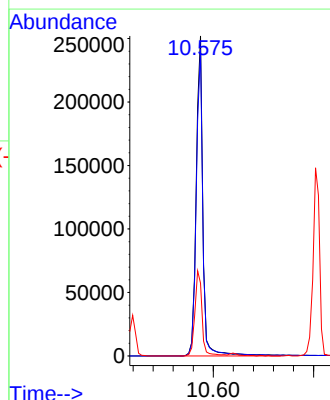
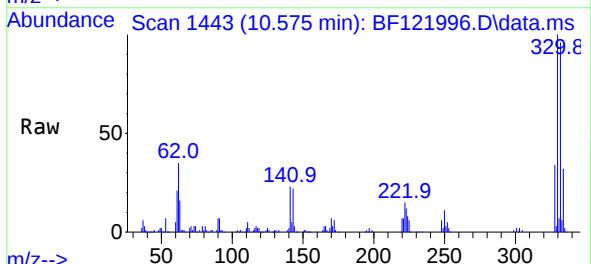
Manual Integrations  
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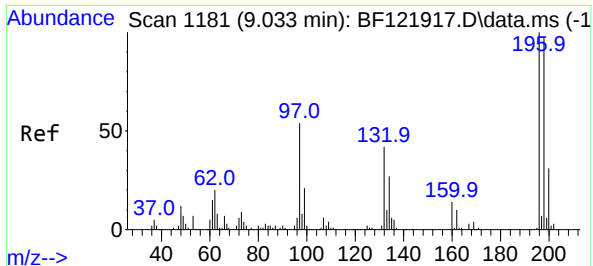
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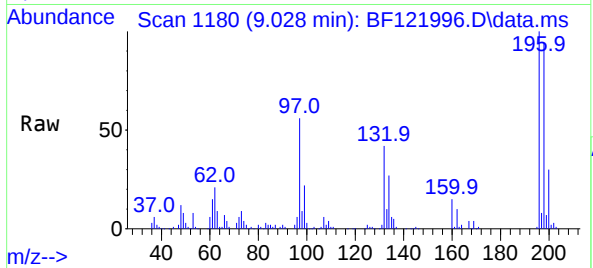
#42  
2,4,6-Tribromophenol  
Concen: 87.11 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 330 Resp: 230986  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.3 115.9  
141 28.3 22.3 33.5

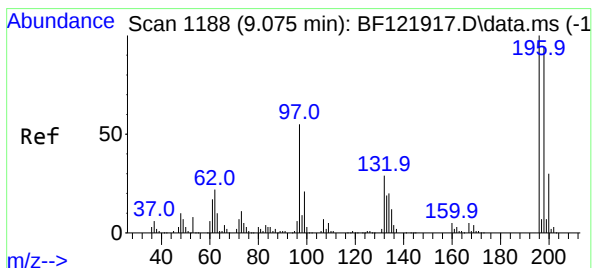
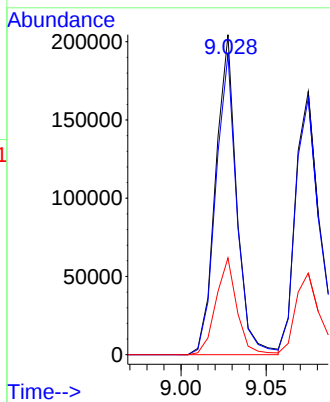
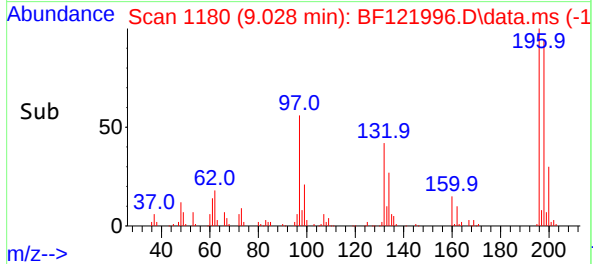




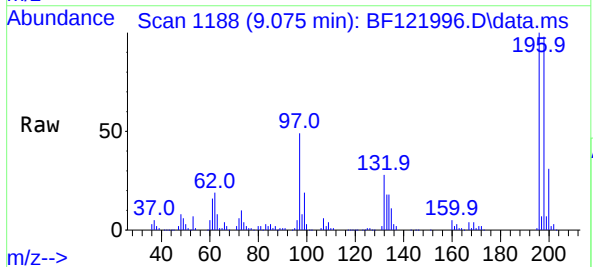
#43  
2,4,6-Trichlorophenol  
Concen: 41.25 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



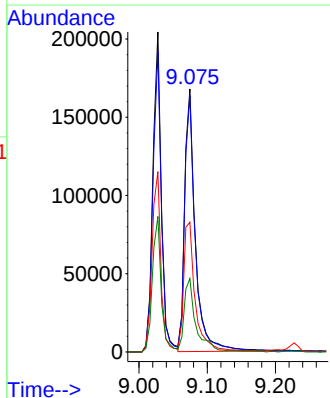
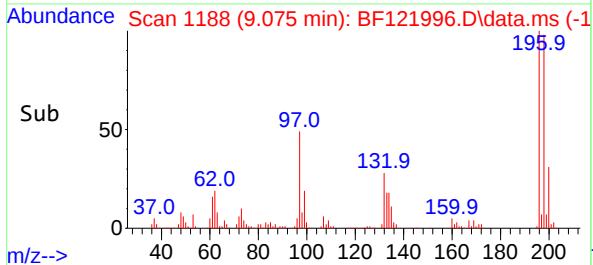
Tgt Ion:196 Resp: 176100  
Ion Ratio Lower Upper  
196 100  
198 94.0 75.8 113.6  
200 30.2 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 39.73 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



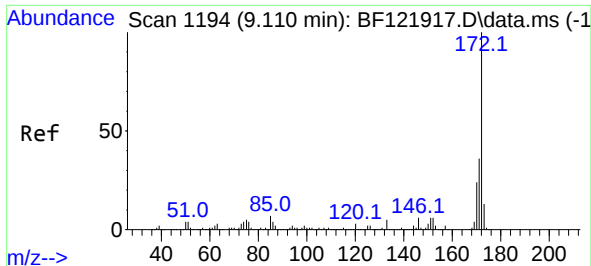
Tgt Ion:196 Resp: 183149  
Ion Ratio Lower Upper  
196 100  
198 97.5 76.1 114.1  
97 49.3 41.0 61.6  
132 27.9 22.4 33.6



Instrument :  
BNA\_F  
ClientSampleId :  
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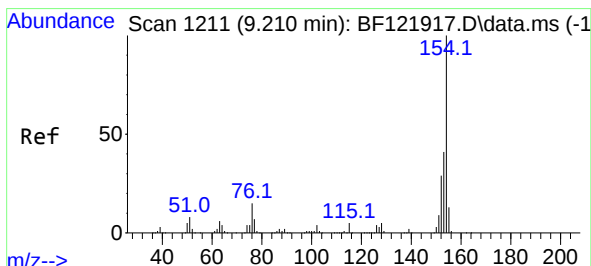
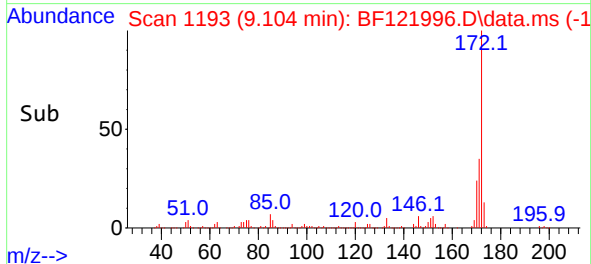
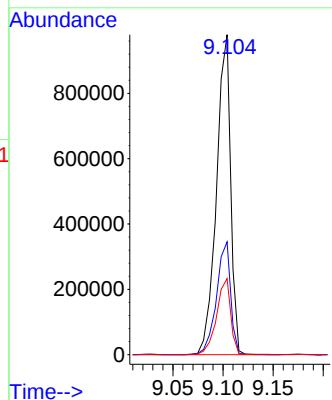
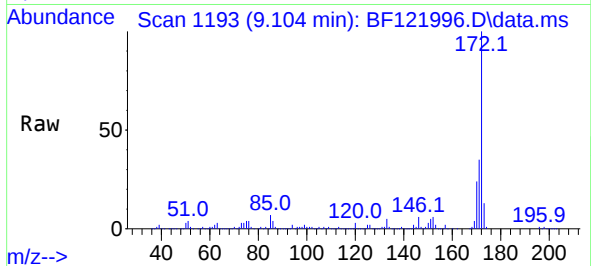
#45  
2-Fluorobiphenyl  
Concen: 66.06 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:172 Resp: 962429  
Ion Ratio Lower Upper  
172 100  
171 35.2 29.1 43.7  
170 23.8 19.8 29.6

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

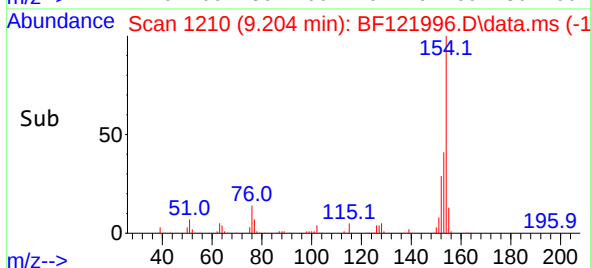
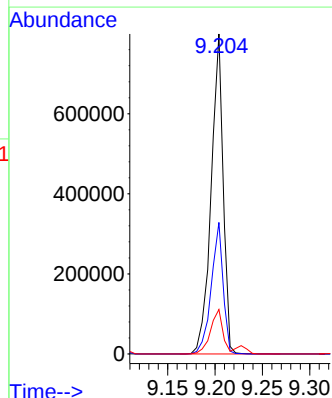
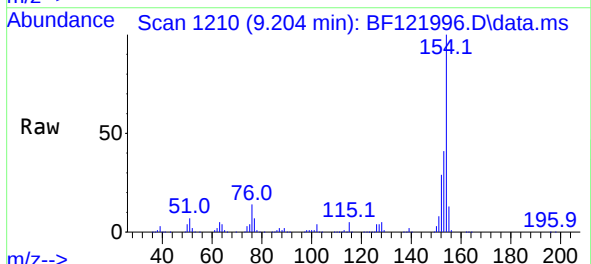
Manual Integrations  
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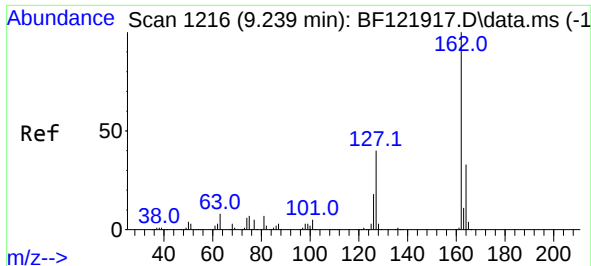
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#46  
1,1'-Biphenyl  
Concen: 40.37 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:154 Resp: 703708  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.3 61.3  
76 13.9 0.0 34.7





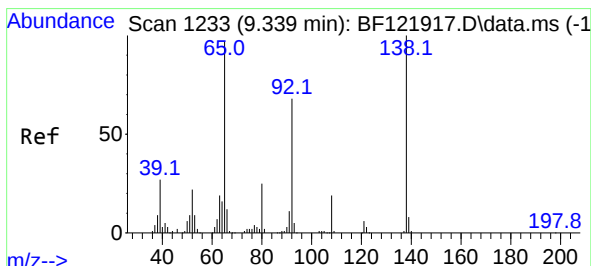
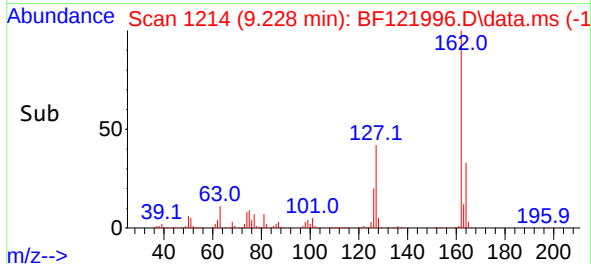
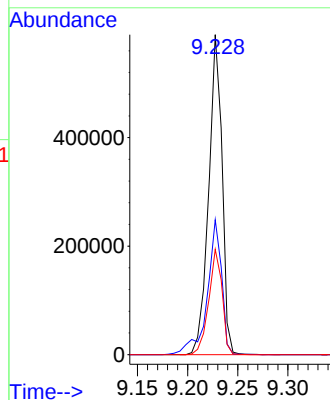
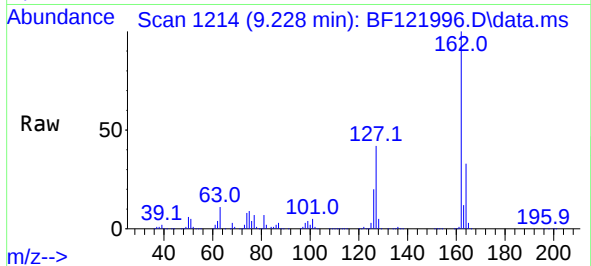
#47  
2-Chloronaphthalene  
Concen: 40.62 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 162 Resp: 550536  
Ion Ratio Lower Upper  
162 100  
127 42.1 34.4 51.6  
164 32.9 26.3 39.5

Instrument :  
BNA\_F  
ClientSampled :  
SP-COMPMS

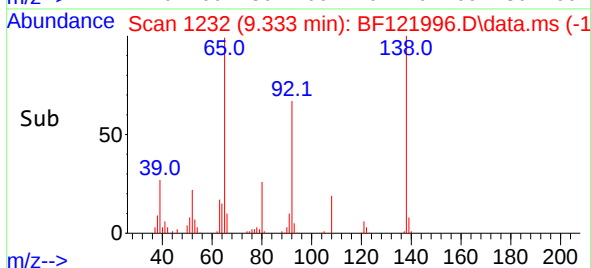
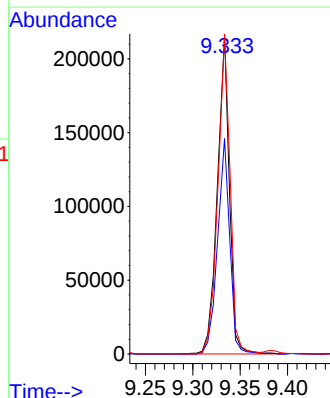
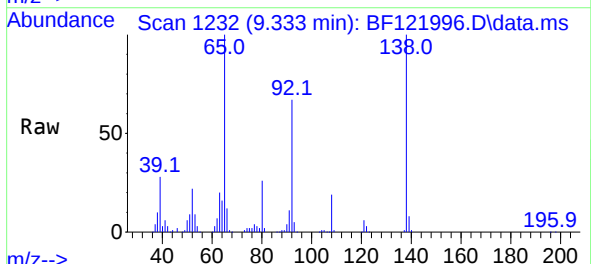
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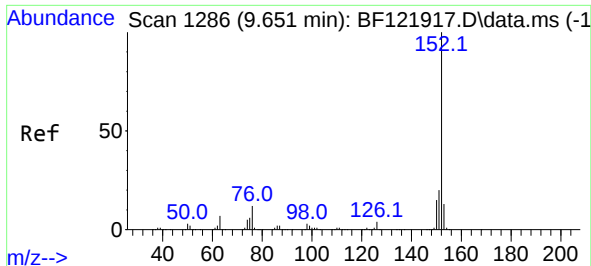
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#48  
2-Nitroaniline  
Concen: 42.88 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion: 65 Resp: 191719  
Ion Ratio Lower Upper  
65 100  
92 67.6 55.1 82.7  
138 100.5 80.5 120.7





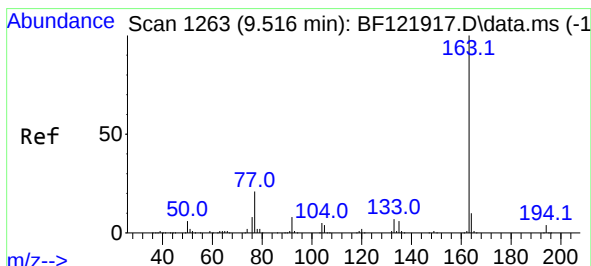
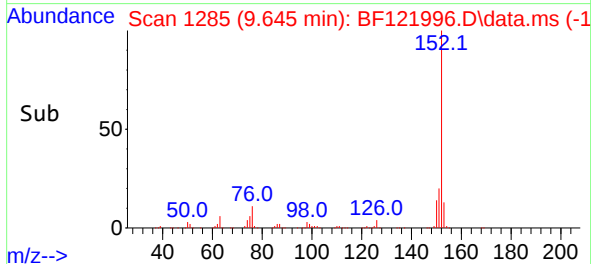
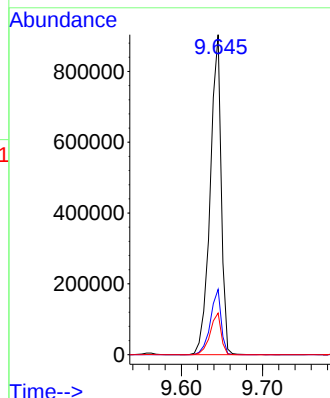
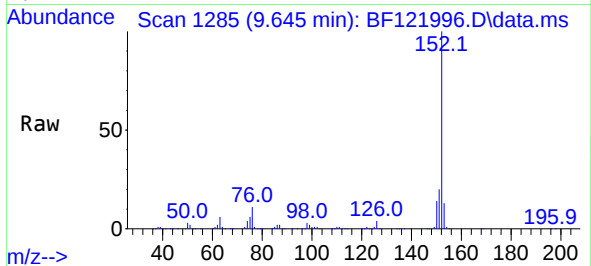
#49  
Acenaphthylene  
Concen: 40.69 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:152 Resp: 847000  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.0 10.6 15.8

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

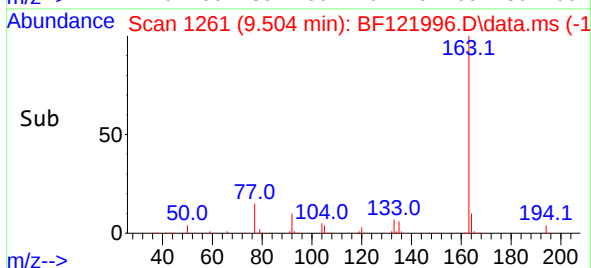
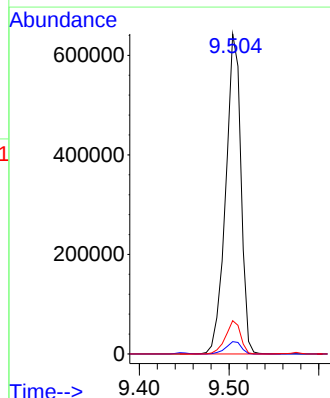
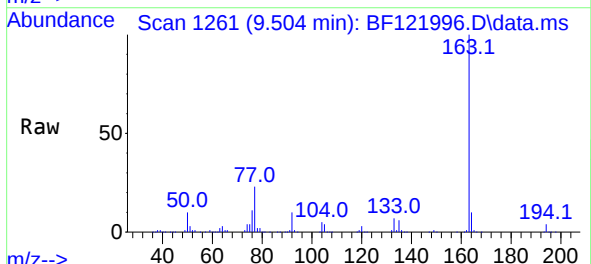
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#50  
Dimethylphthalate  
Concen: 48.26 ng  
RT: 9.504 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:163 Resp: 756435  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.4 8.2 12.4





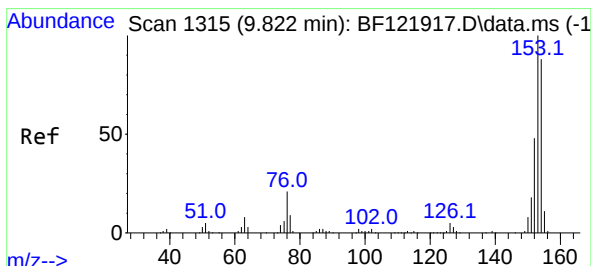
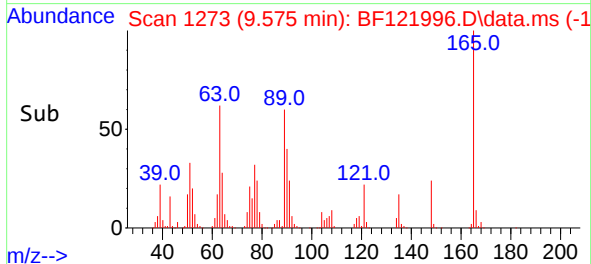
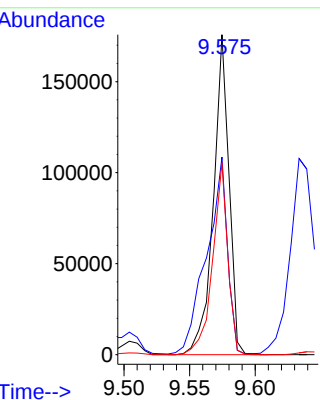
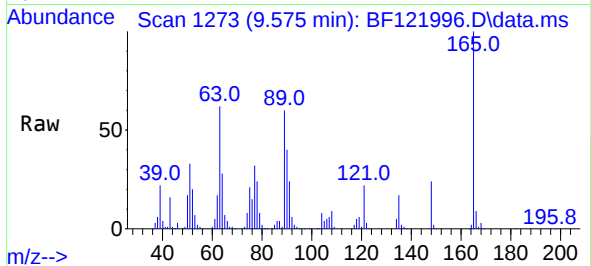
#51  
2,6-Dinitrotoluene  
Concen: 42.24 ng  
RT: 9.575 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:165 Resp: 145231  
Ion Ratio Lower Upper  
165 100  
63 61.8 51.8 77.6  
89 60.0 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

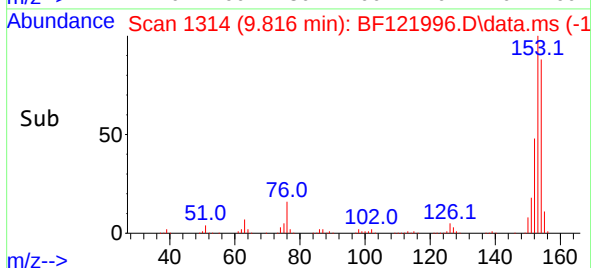
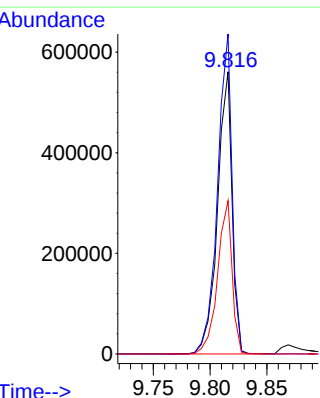
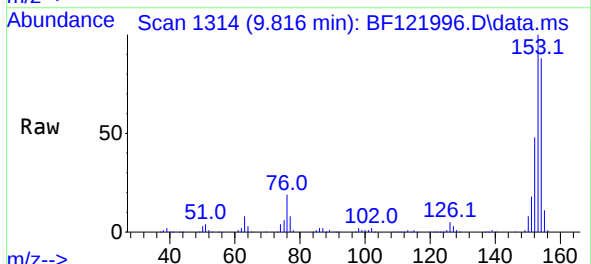
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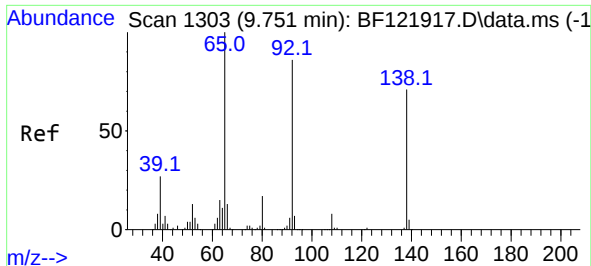
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#52  
Acenaphthene  
Concen: 40.44 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:154 Resp: 500708  
Ion Ratio Lower Upper  
154 100  
153 113.4 89.8 134.8  
152 54.3 43.2 64.8





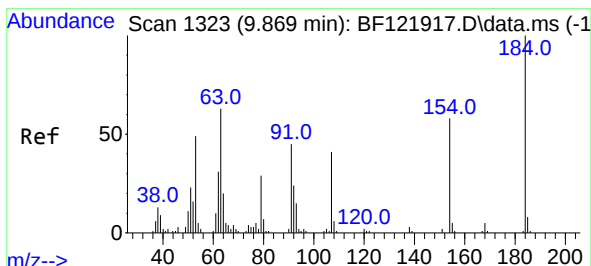
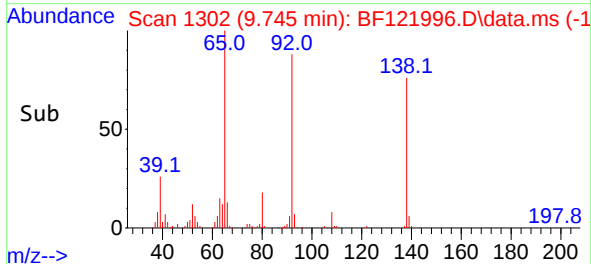
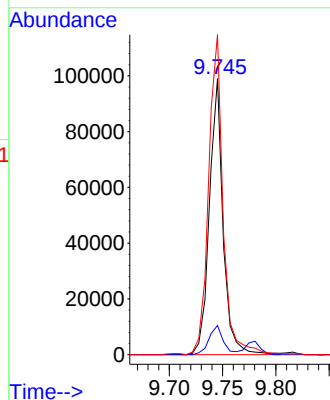
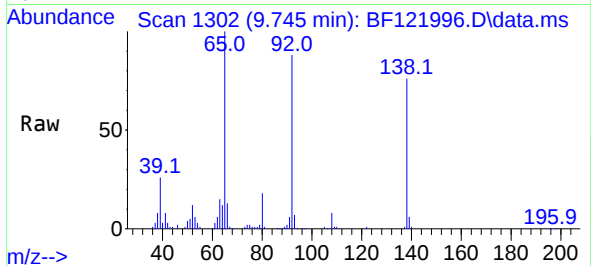
#53  
3-Nitroaniline  
Concen: 22.70 ng  
RT: 9.745 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:138 Resp: 88784  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.6 13.0  
92 115.9 96.6 144.8

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

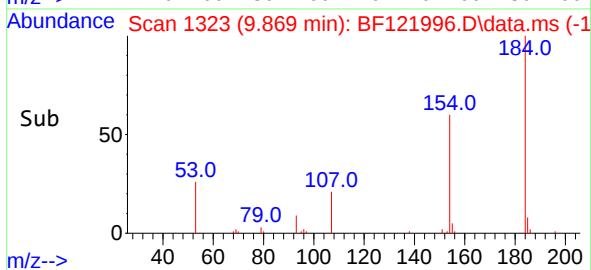
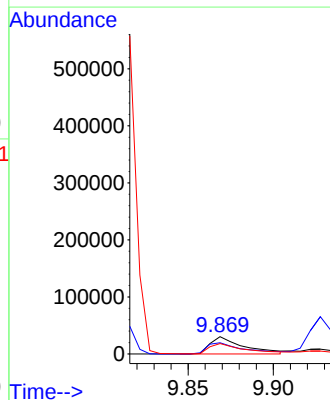
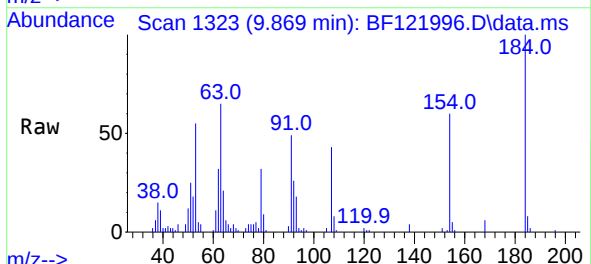
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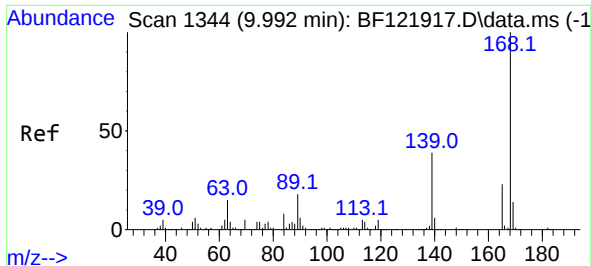
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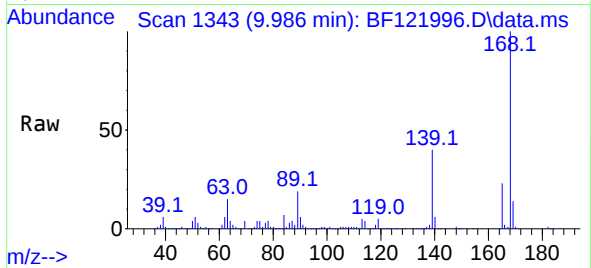
#54  
2,4-Dinitrophenol  
Concen: 29.66 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:184 Resp: 41277  
Ion Ratio Lower Upper  
184 100  
63 64.8 45.9 68.9  
154 60.0 45.8 68.6

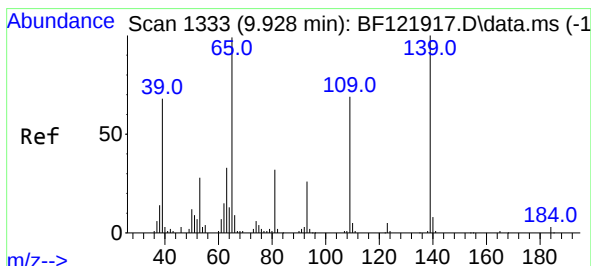
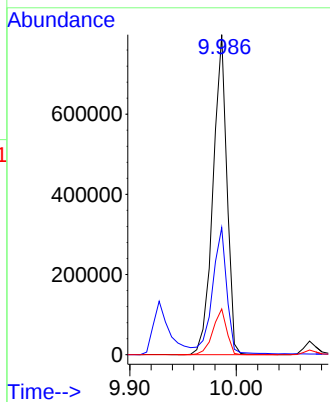
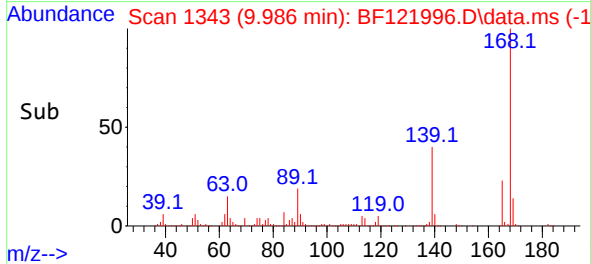




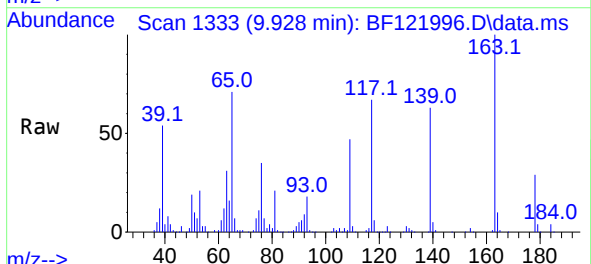
#55  
Dibenzofuran  
Concen: 39.76 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



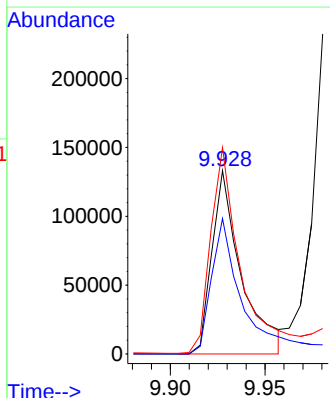
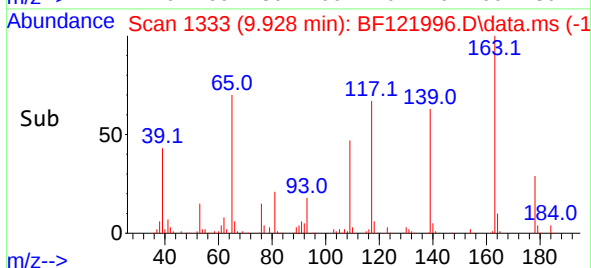
Tgt Ion:168 Resp: 720038  
Ion Ratio Lower Upper  
168 100  
139 39.7 31.0 46.6  
169 14.3 11.3 16.9



#56  
4-Nitrophenol  
Concen: 67.40 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



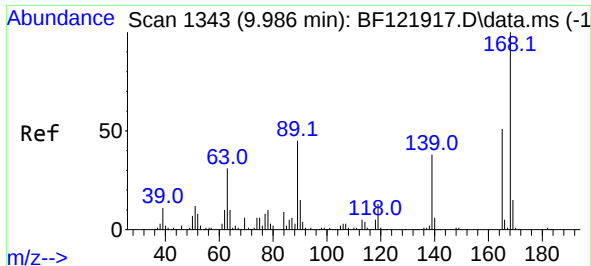
Tgt Ion:139 Resp: 143369  
Ion Ratio Lower Upper  
139 100  
109 73.9 45.4 85.4  
65 112.6 68.4 108.4#



Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

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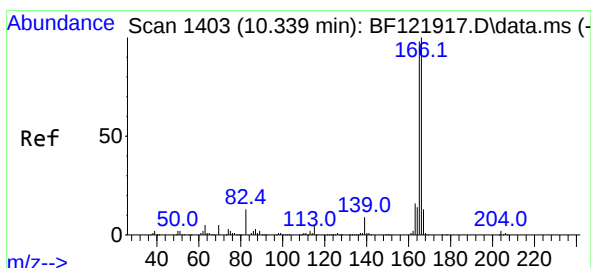
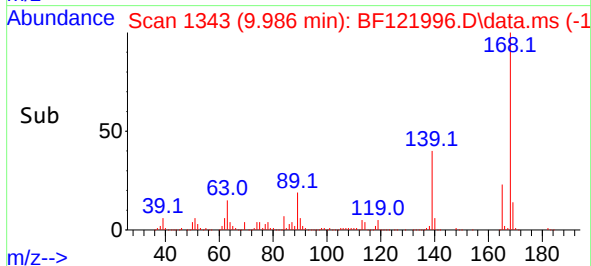
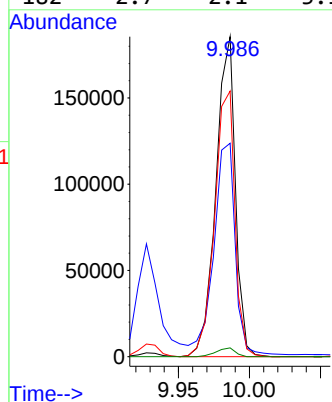
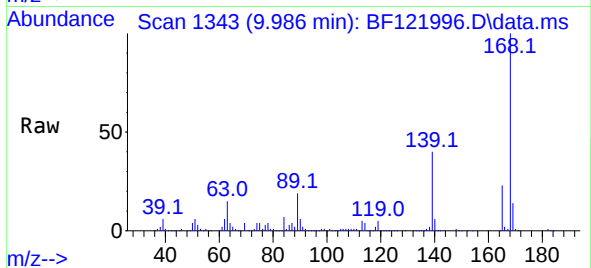
#57  
2,4-Dinitrotoluene  
Concen: 41.79 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:165 Resp: 176869  
Ion Ratio Lower Upper  
165 100  
63 66.7 41.3 61.9#  
89 83.0 61.8 92.8  
182 2.7 2.1 3.1

Instrument :  
BNA\_F  
ClientSampled :  
SP-COMPMS

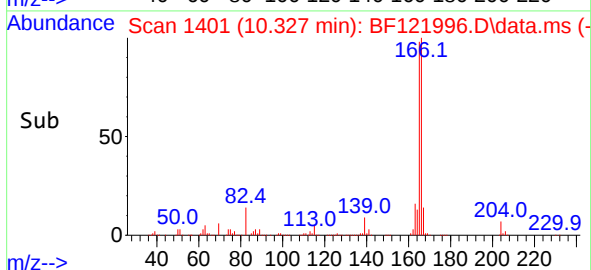
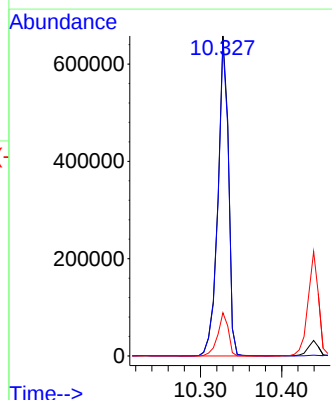
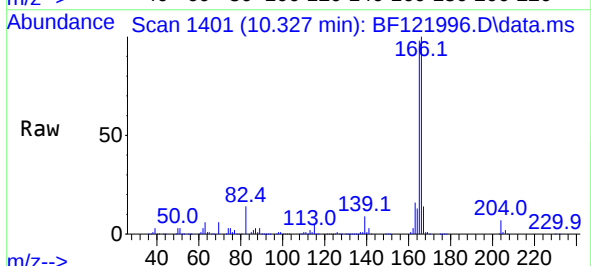
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#58  
Fluorene  
Concen: 40.89 ng  
RT: 10.327 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:166 Resp: 596656  
Ion Ratio Lower Upper  
166 100  
165 97.8 79.1 118.7  
167 13.5 11.0 16.6





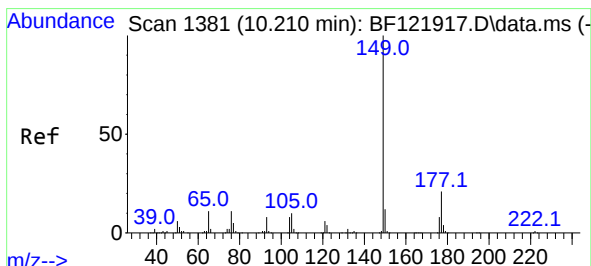
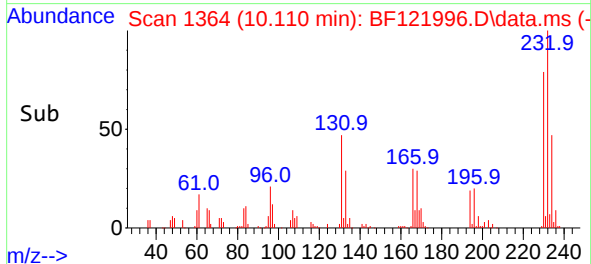
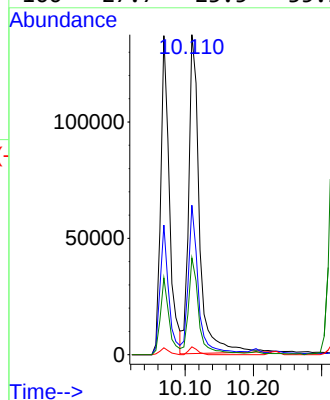
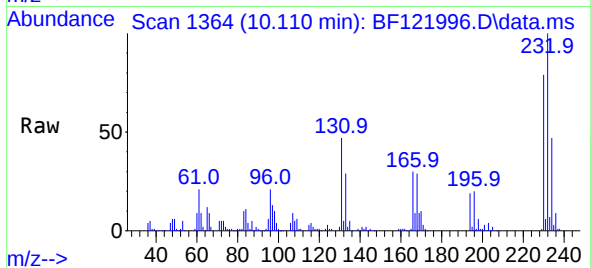
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.76 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:232 Resp: 148929  
Ion Ratio Lower Upper  
232 100  
131 41.6 35.9 53.9  
130 2.0 1.8 2.6  
166 27.7 23.5 35.3

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

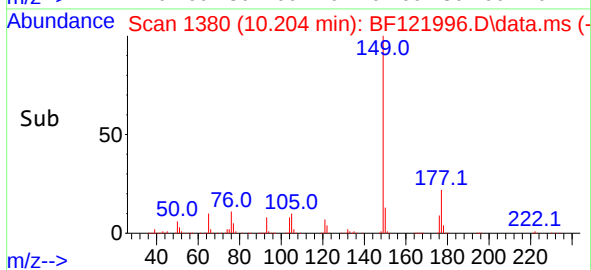
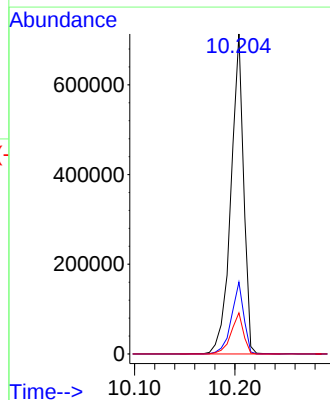
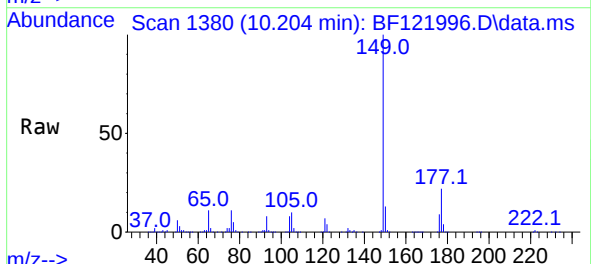
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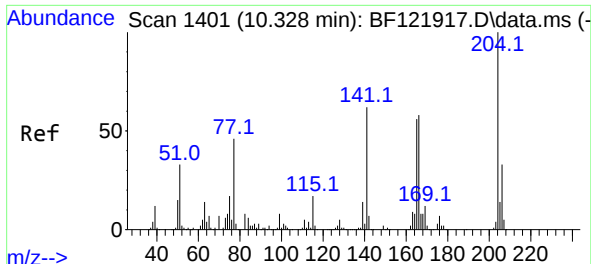
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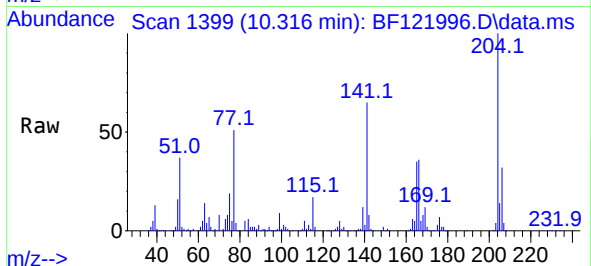
#60  
Diethylphthalate  
Concen: 41.45 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:149 Resp: 626513  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.1 27.1  
150 12.9 10.3 15.5

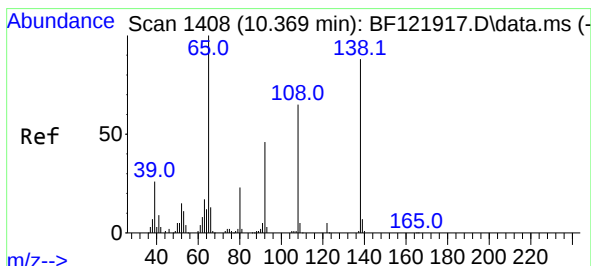
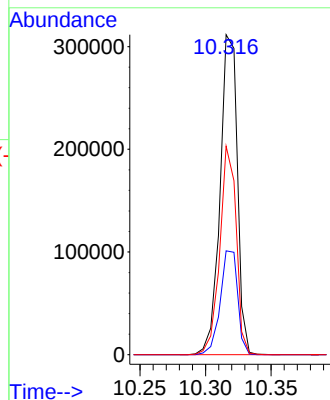
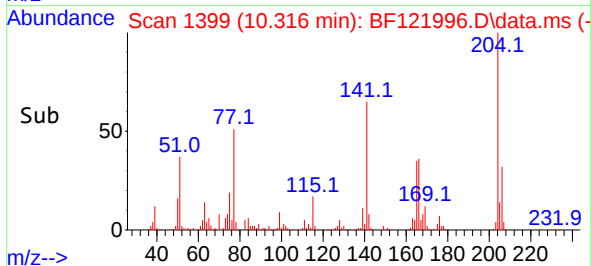




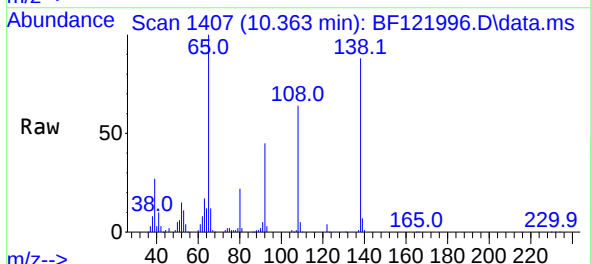
#61  
4-Chlorophenyl-phenylether  
Concen: 40.78 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



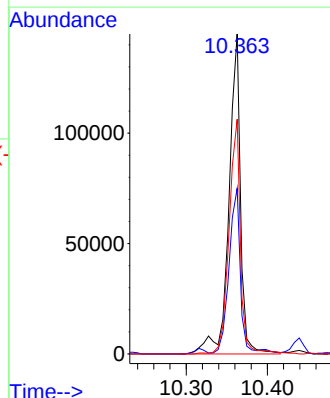
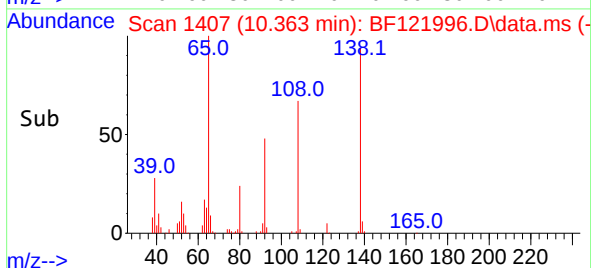
Tgt Ion:204 Resp: 285307  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.0 39.0  
141 65.1 46.2 69.4



#62  
4-Nitroaniline  
Concen: 36.98 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



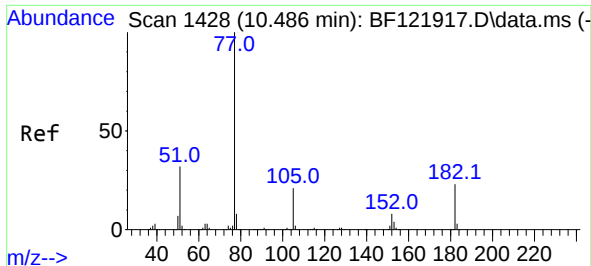
Tgt Ion:138 Resp: 144472  
Ion Ratio Lower Upper  
138 100  
92 51.8 31.0 71.0  
108 73.3 51.5 91.5



Instrument :  
BNA\_F  
ClientSampled :  
SP-COMPMS

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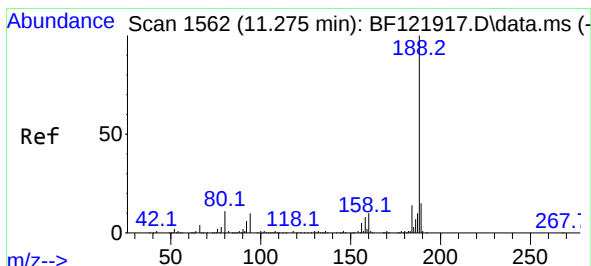
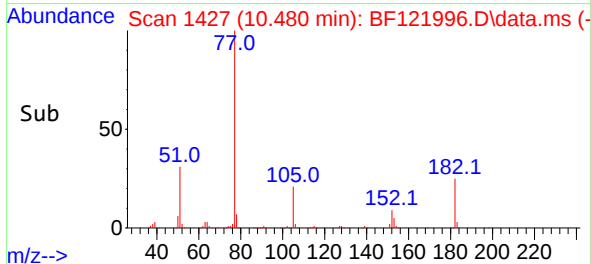
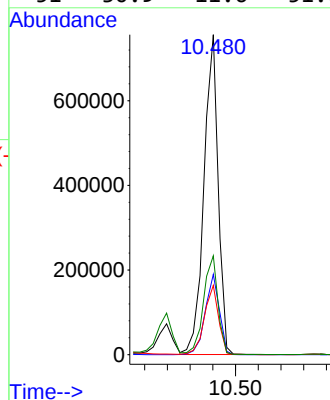
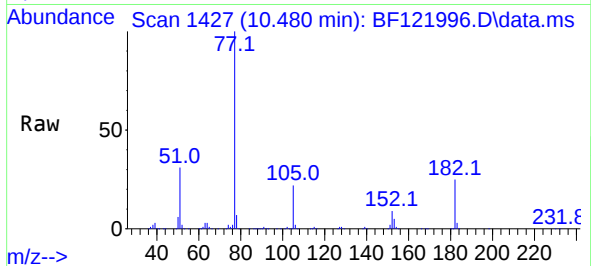
#63  
Azobenzene  
Concen: 41.07 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 656452 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.1    | 3.4 43.4     |
| 105 21.7    | 1.7 41.7     |
| 51 30.9     | 11.6 51.6    |

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

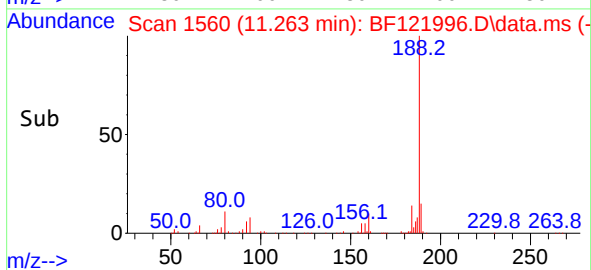
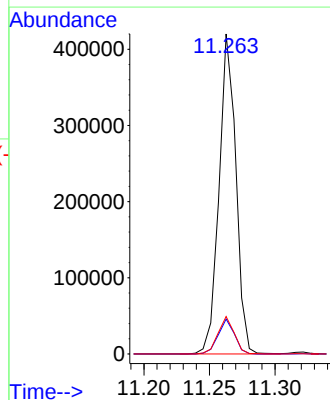
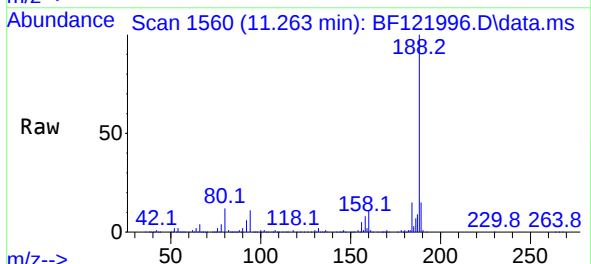
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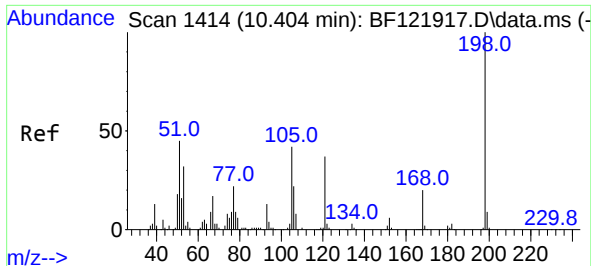
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

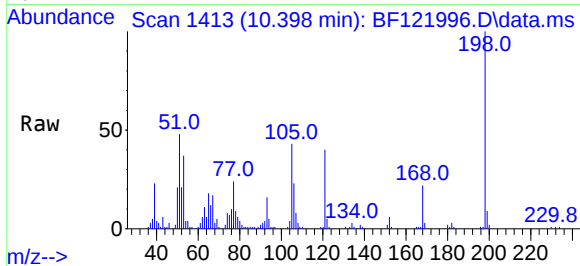
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 374138 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.9     | 8.3 12.5     |
| 80 11.7     | 9.1 13.7     |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 26.79 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

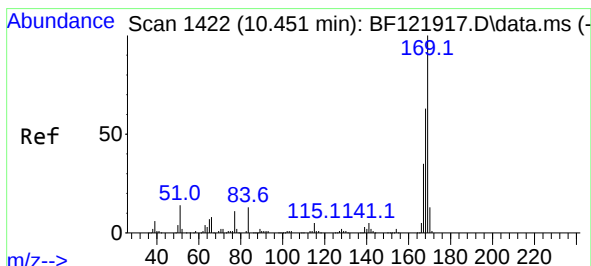
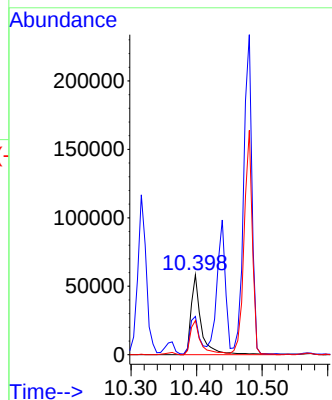
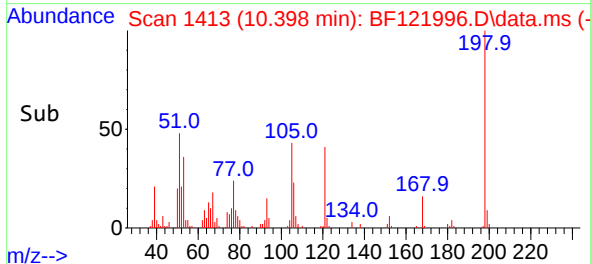
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



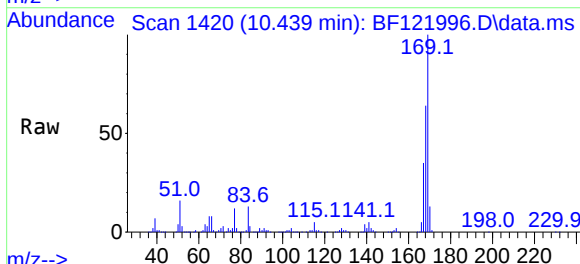
Tgt Ion:198 Resp: 61740  
Ion Ratio Lower Upper  
198 100  
51 47.9 29.6 69.6  
105 42.7 24.4 64.4

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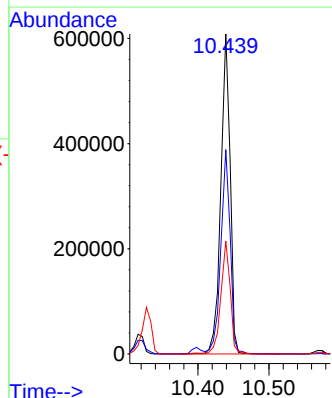
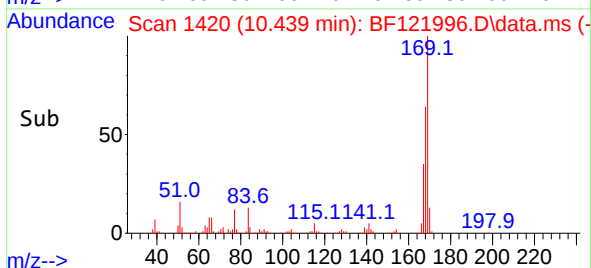
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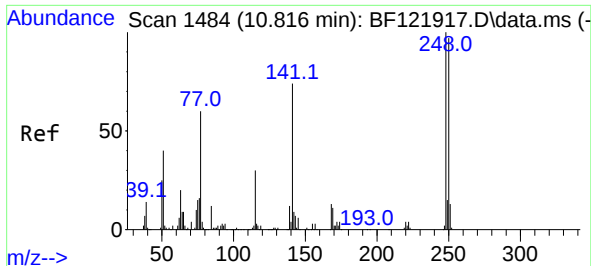


#66  
n-Nitrosodiphenylamine  
Concen: 42.90 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:169 Resp: 552947  
Ion Ratio Lower Upper  
169 100  
168 63.9 50.0 75.0  
167 35.3 27.8 41.6





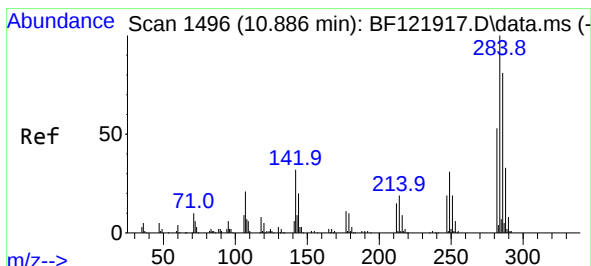
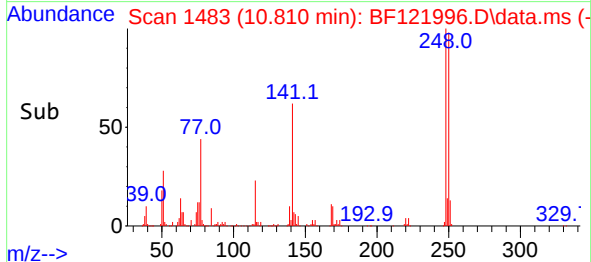
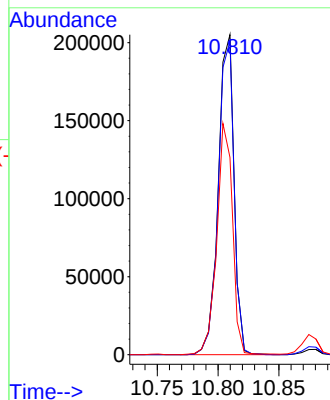
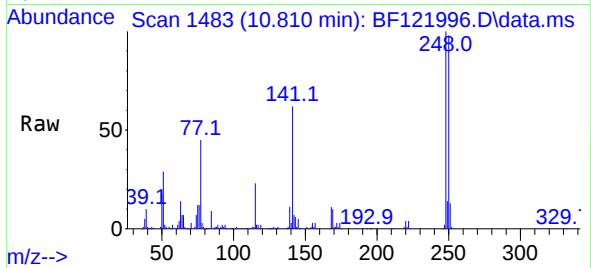
#67  
4-Bromophenyl-phenylether  
Concen: 42.88 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:248 Resp: 185350  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.0 115.6  
141 61.7 53.7 80.5

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

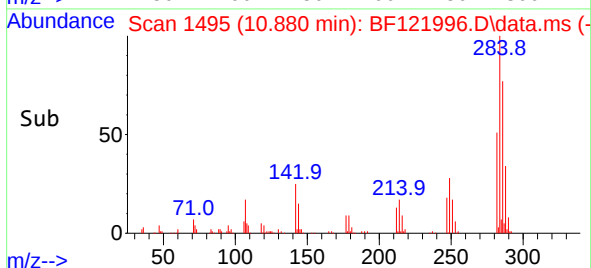
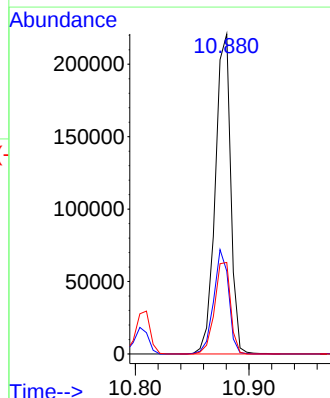
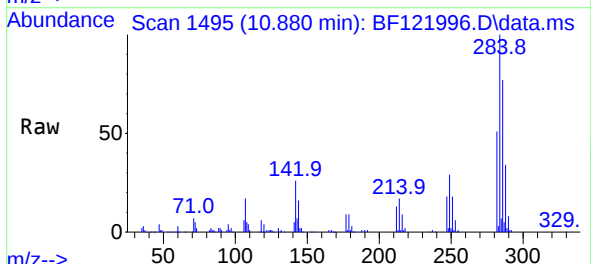
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#68  
Hexachlorobenzene  
Concen: 42.60 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:284 Resp: 208436  
Ion Ratio Lower Upper  
284 100  
142 25.9 27.4 41.2#  
249 28.6 24.2 36.4





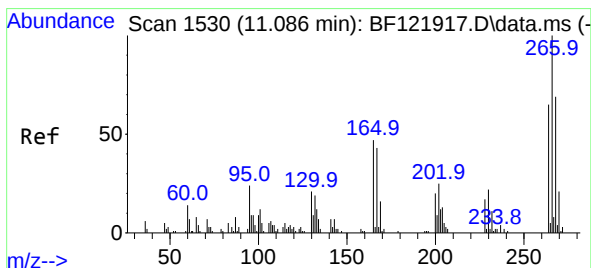
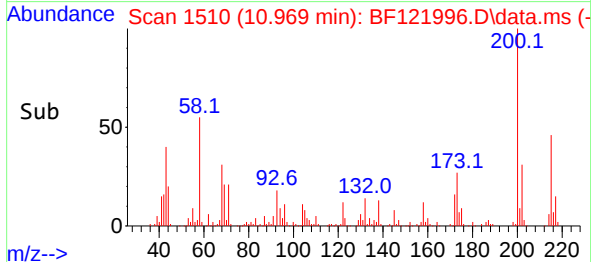
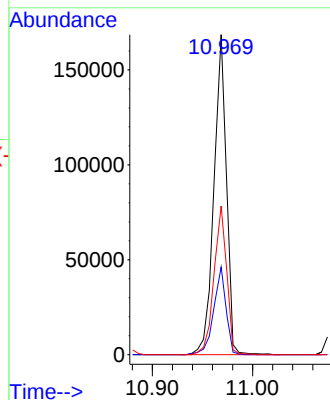
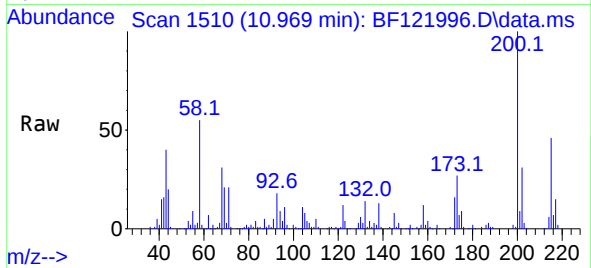
#69  
Atrazine  
Concen: 46.29 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:200 Resp: 145864  
Ion Ratio Lower Upper  
200 100  
173 27.4 7.5 47.5  
215 46.5 27.1 67.1

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

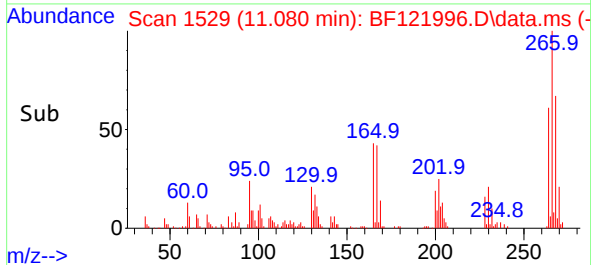
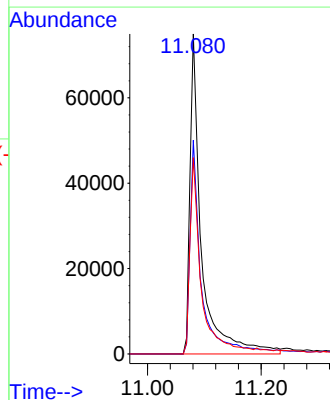
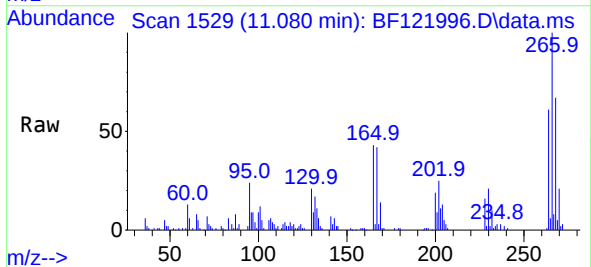
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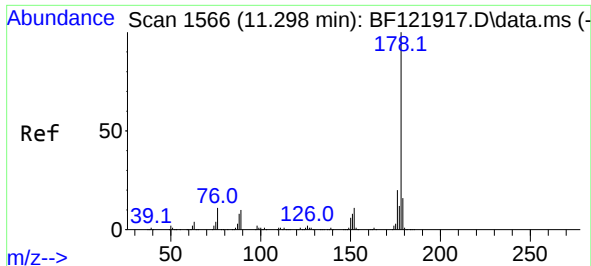
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#70  
Pentachlorophenol  
Concen: 57.32 ng  
RT: 11.080 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:266 Resp: 105461  
Ion Ratio Lower Upper  
266 100  
268 66.8 52.4 78.6  
264 61.3 49.9 74.9





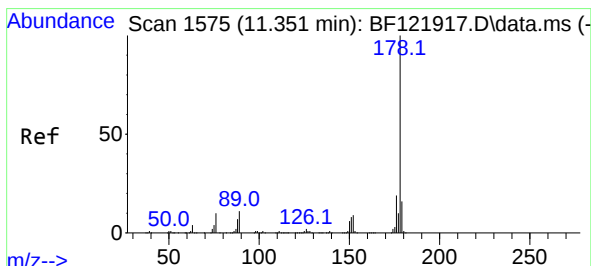
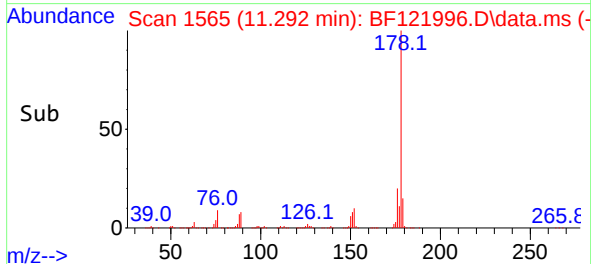
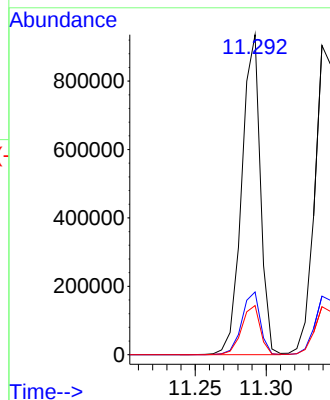
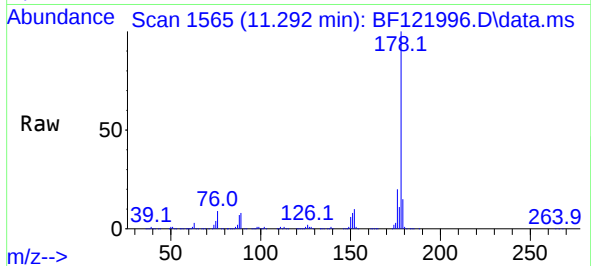
#71  
Phenanthrene  
Concen: 41.50 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:178 Resp: 851318  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.4 12.2 18.4

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

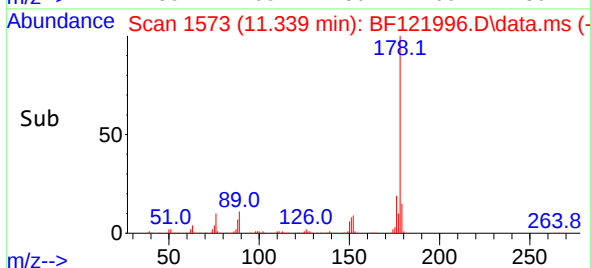
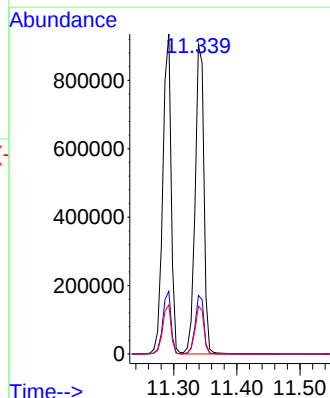
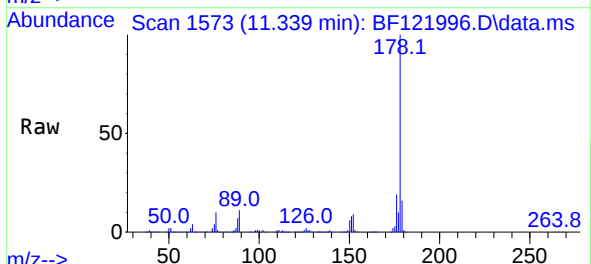
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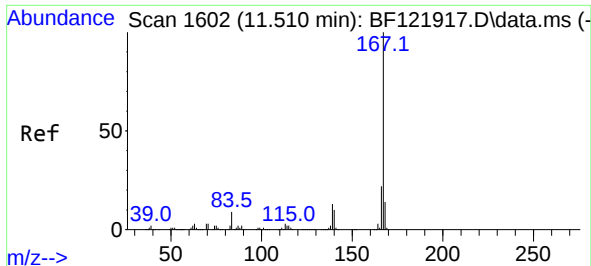
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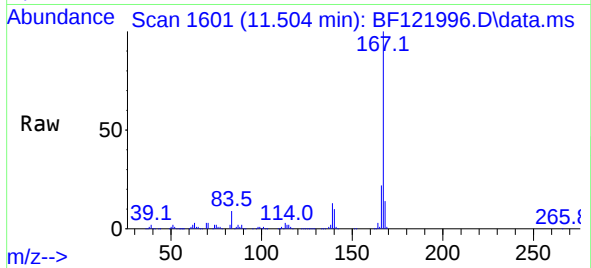
#72  
Anthracene  
Concen: 41.13 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:178 Resp: 875160  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.7 23.5  
179 15.5 12.7 19.1

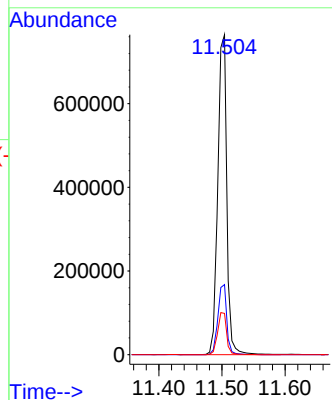




#73  
Carbazole  
Concen: 40.06 ng  
RT: 11.504 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



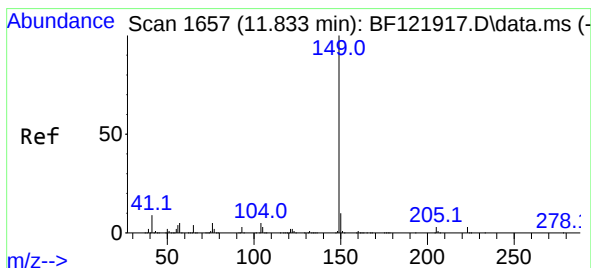
Tgt Ion:167 Resp: 757861  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.8 26.6  
139 12.9 10.8 16.2



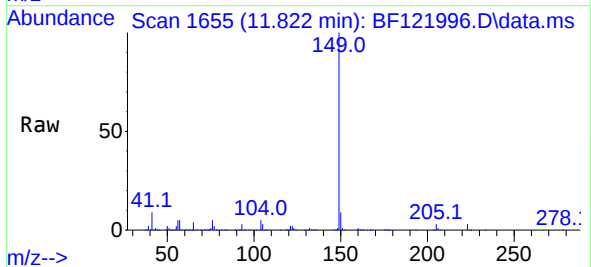
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

Manual Integrations  
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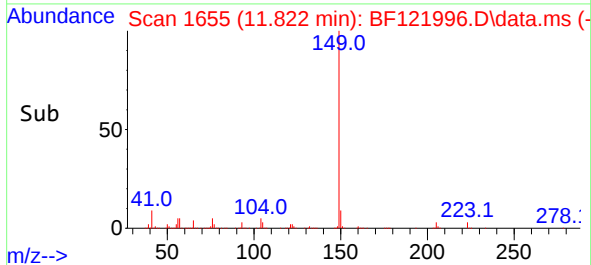
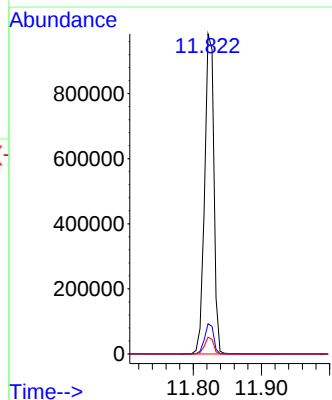
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#74  
Di-n-butylphthalate  
Concen: 42.65 ng  
RT: 11.822 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

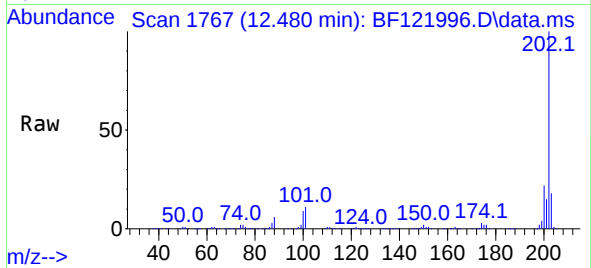


Tgt Ion:149 Resp: 928313  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.7 11.5  
104 5.3 4.2 6.2

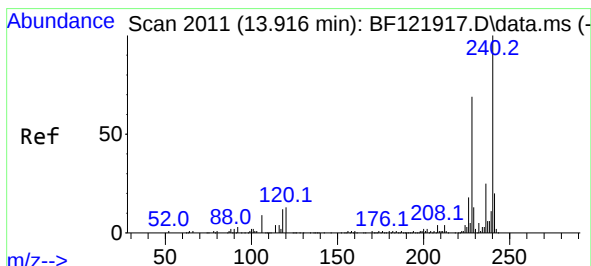
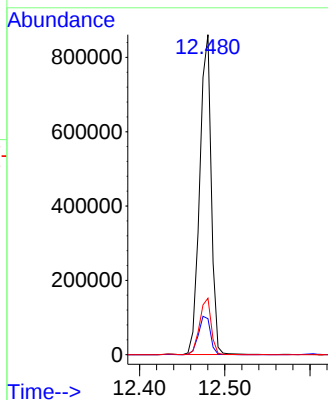
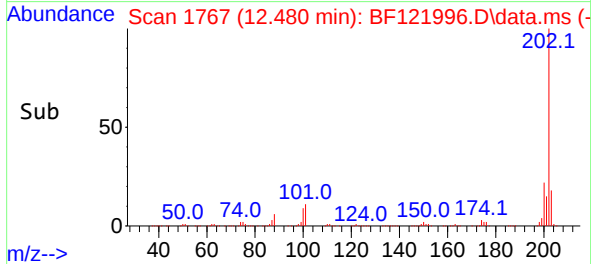




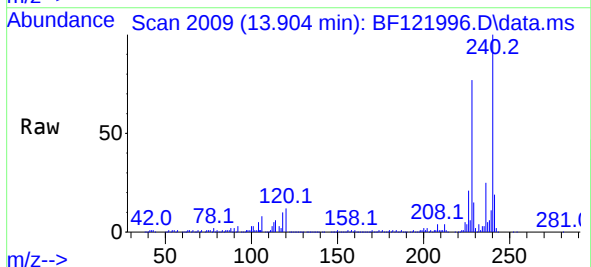
#75  
Fluoranthene  
Concen: 36.57 ng  
RT: 12.480 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



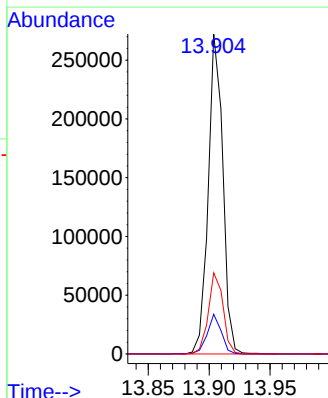
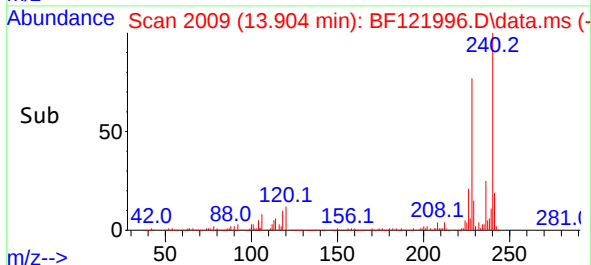
Tgt Ion:202 Resp: 804349  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 33.4  
203 17.6 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:240 Resp: 227196  
Ion Ratio Lower Upper  
240 100  
120 12.4 9.2 13.8  
236 25.4 20.9 31.3



Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

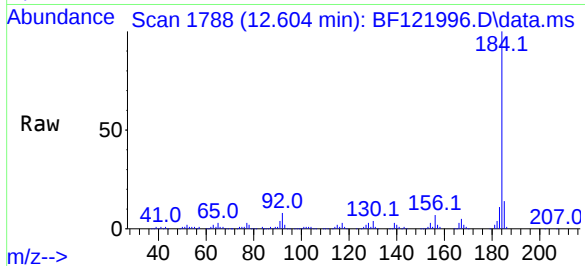
Manual Integrations  
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#77  
Benzidine  
Concen: 41.67 ng  
RT: 12.604 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

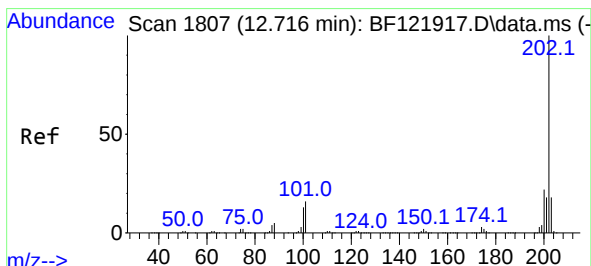
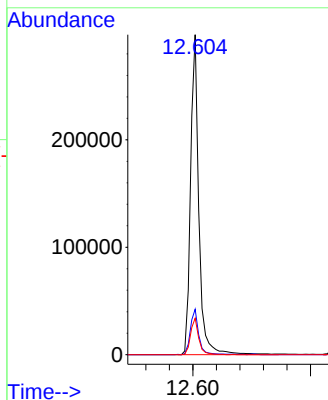
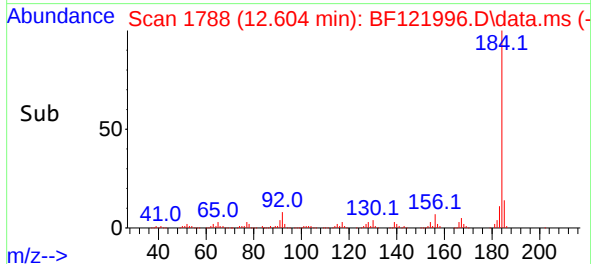
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



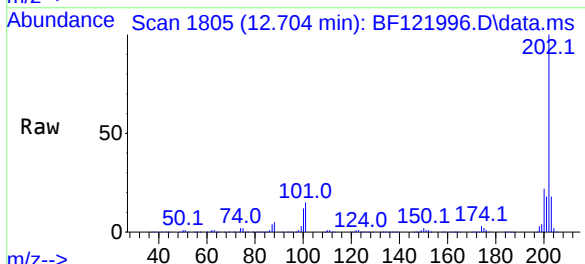
Tgt Ion:184 Resp: 291874  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.6 17.4  
183 11.4 9.4 14.0

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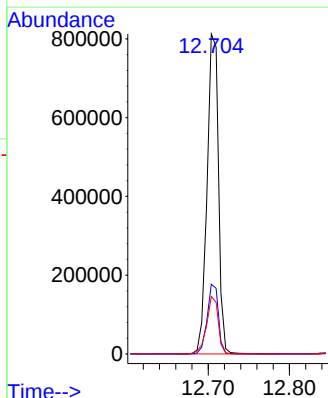
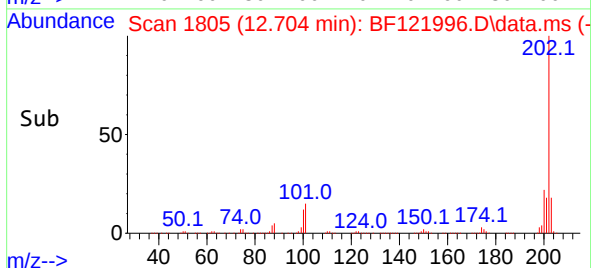
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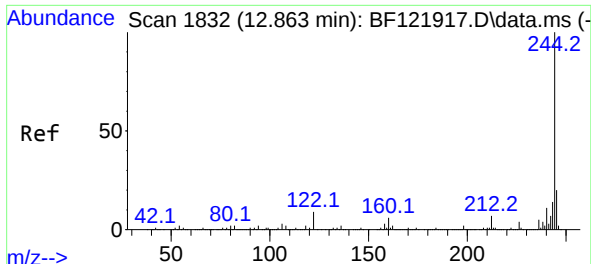


#78  
Pyrene  
Concen: 45.60 ng  
RT: 12.704 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

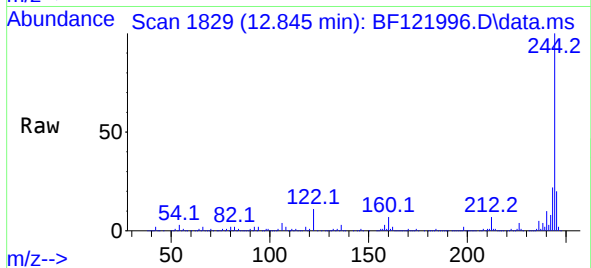


Tgt Ion:202 Resp: 789532  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.4 26.2  
203 18.0 14.6 21.8

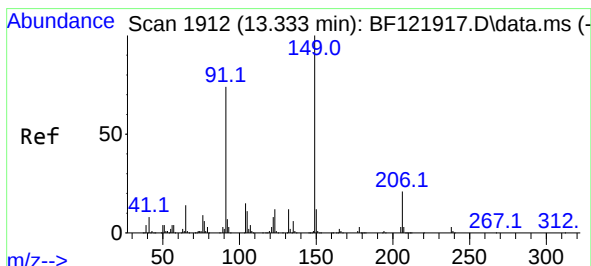
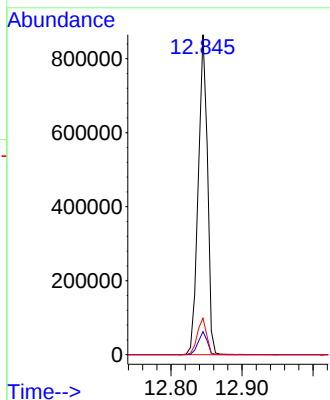
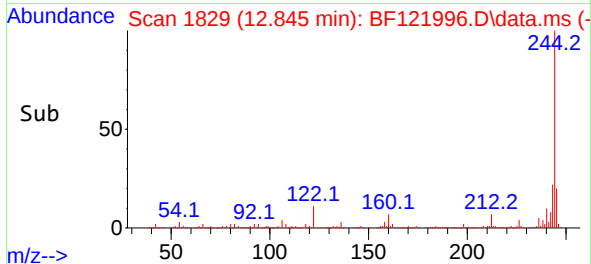




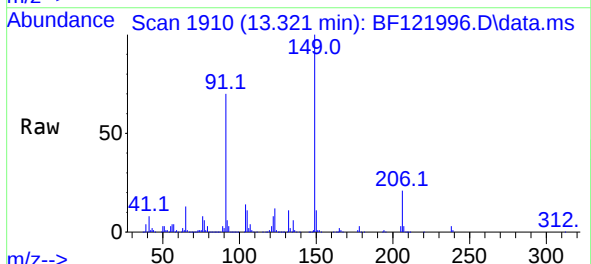
#79  
Terphenyl-d14  
Concen: 65.53 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



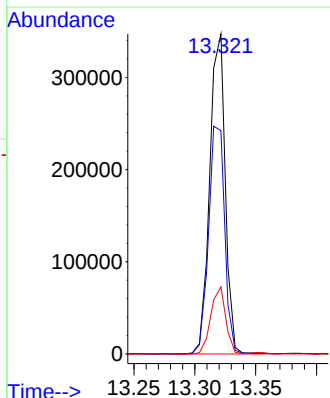
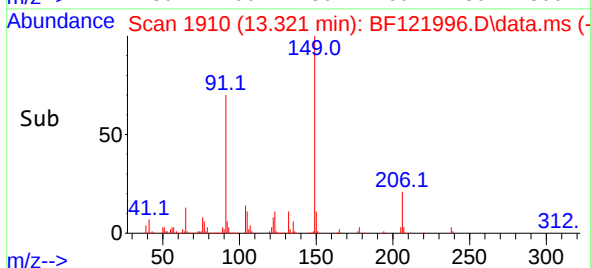
Tgt Ion:244 Resp: 781165  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 11.4 8.1 12.1



#80  
Butylbenzylphthalate  
Concen: 45.03 ng  
RT: 13.321 min Scan# 1910  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



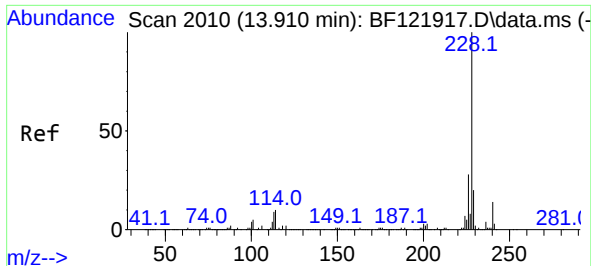
Tgt Ion:149 Resp: 309165  
Ion Ratio Lower Upper  
149 100  
91 69.8 61.0 91.4  
206 21.0 16.7 25.1



Instrument :  
BNA\_F  
ClientSampleId :  
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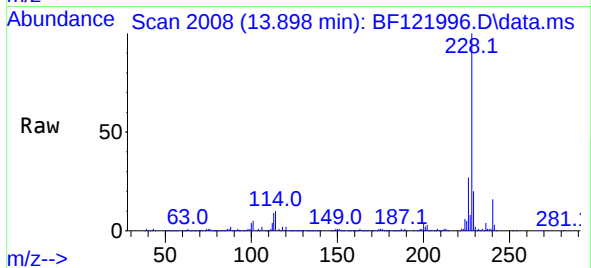
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#81  
Benzo(a)anthracene  
Concen: 41.95 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

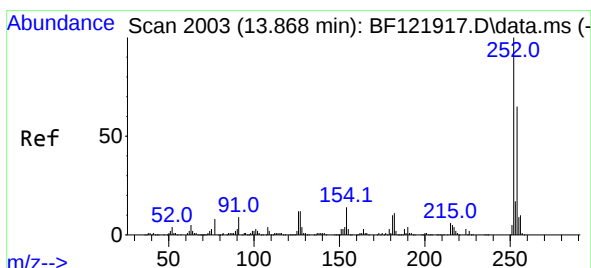
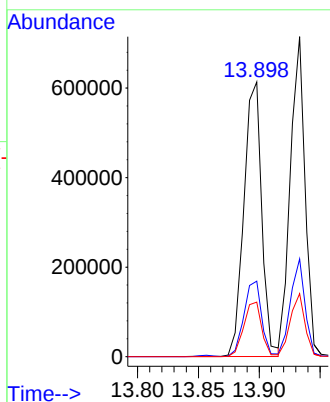
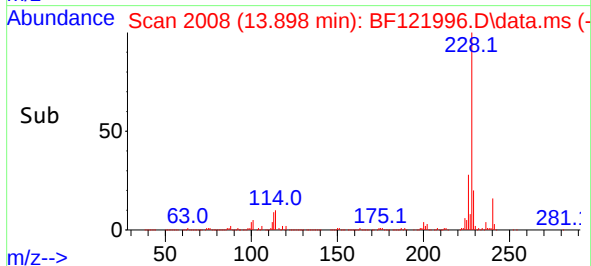
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



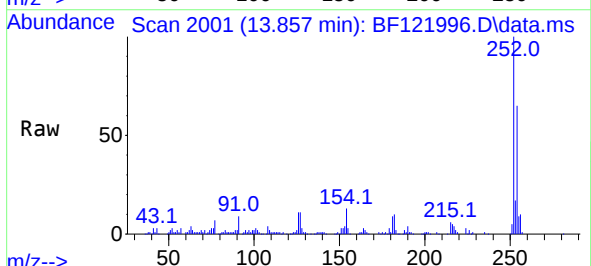
Tgt Ion:228 Resp: 624505  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 19.8 16.2 24.4

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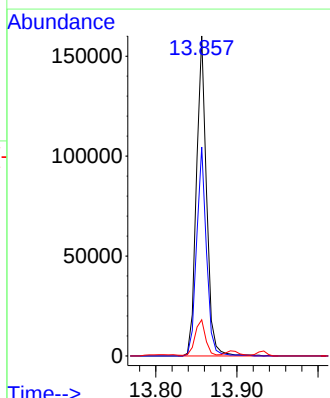
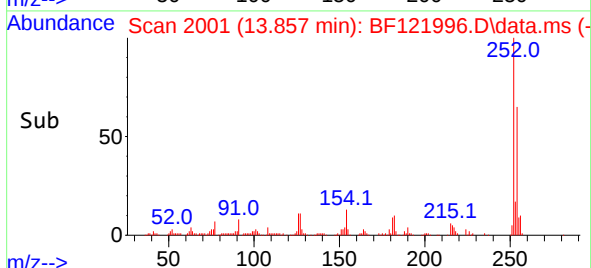
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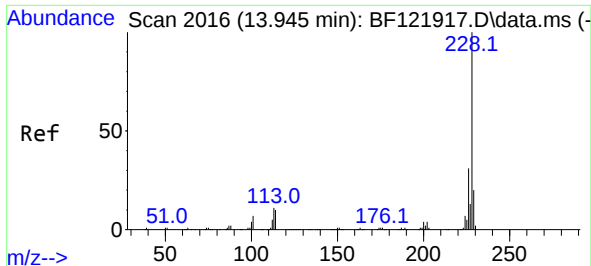


#82  
3,3'-Dichlorobenzidine  
Concen: 25.20 ng  
RT: 13.857 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:252 Resp: 139144  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.8 77.6  
126 11.3 8.8 13.2





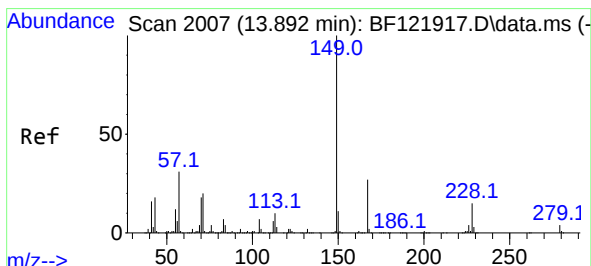
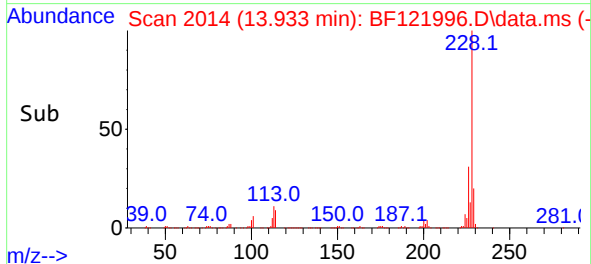
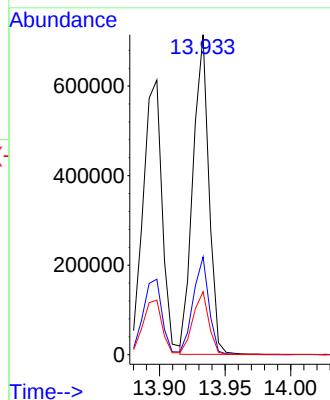
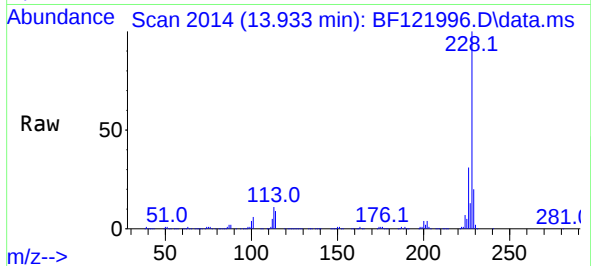
#83  
Chrysene  
Concen: 41.30 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:228 Resp: 603579  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.6 37.0  
229 19.7 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

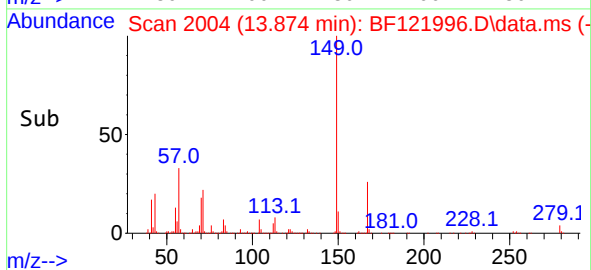
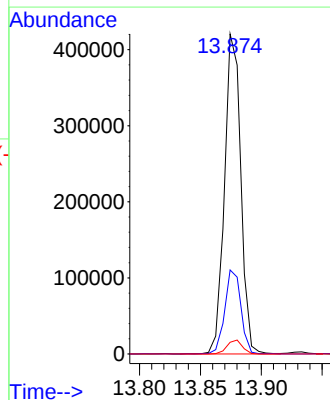
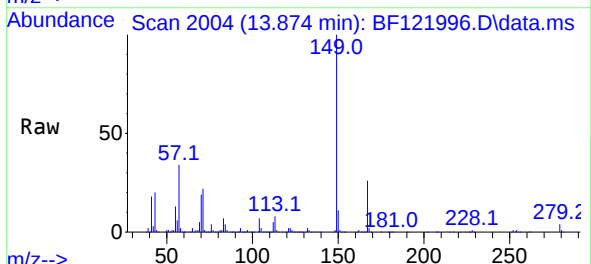
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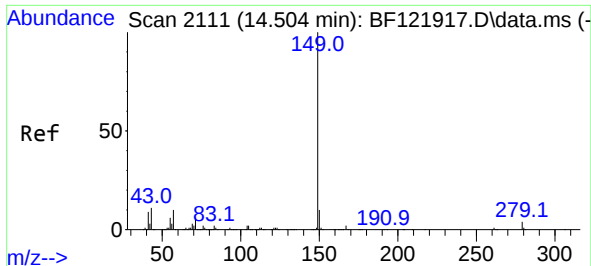
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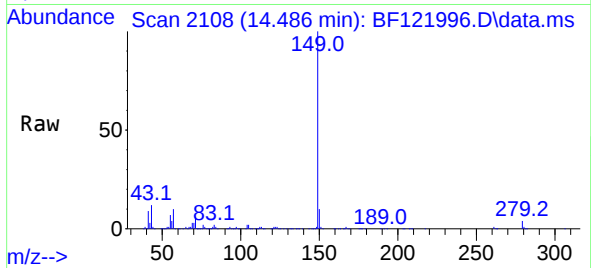
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.14 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:149 Resp: 392844  
Ion Ratio Lower Upper  
149 100  
167 26.3 20.9 31.3  
279 3.6 3.2 4.8

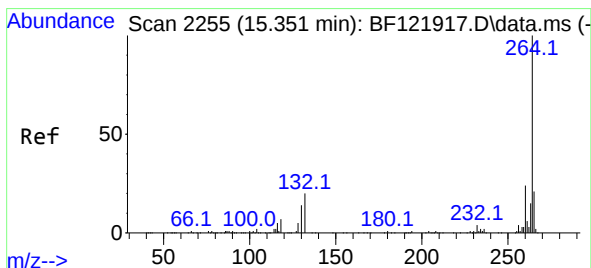
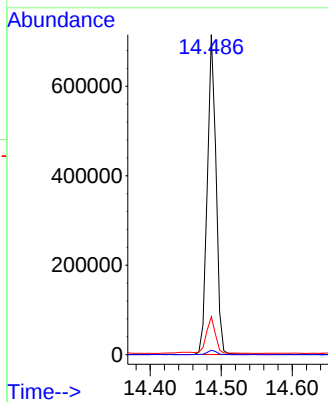
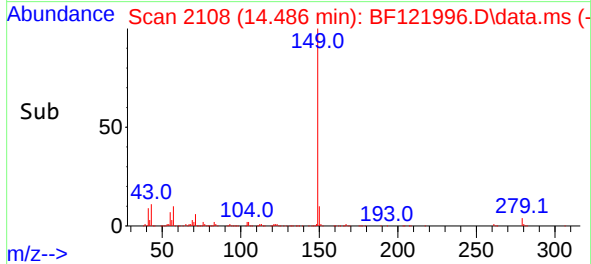




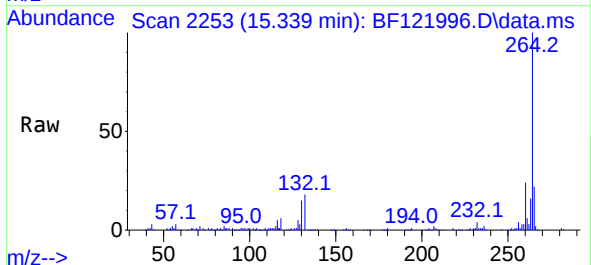
#85  
Di-n-octyl phthalate  
Concen: 40.69 ng  
RT: 14.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



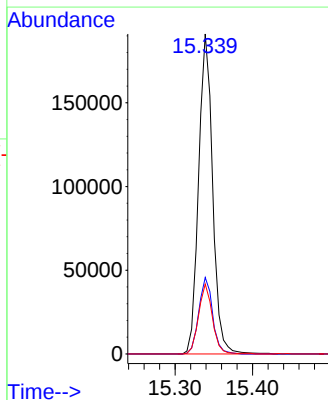
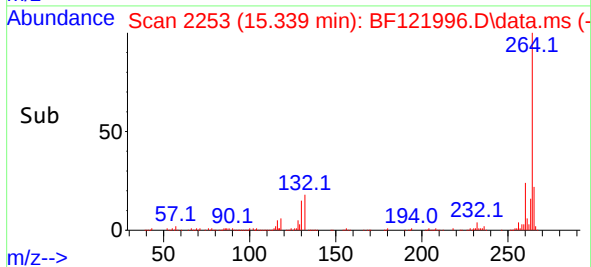
Tgt Ion:149 Resp: 613610  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.7 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.339 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



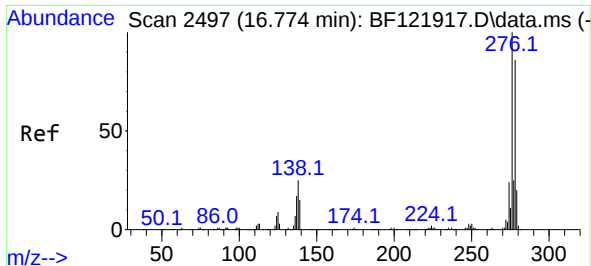
Tgt Ion:264 Resp: 240195  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.7 28.1  
265 21.9 17.3 25.9



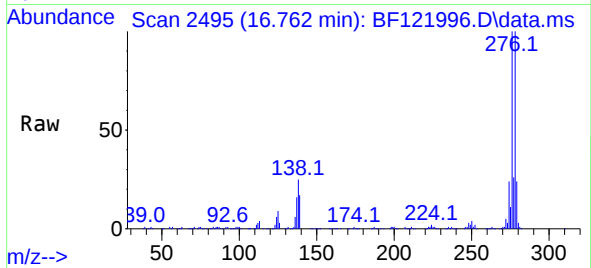
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

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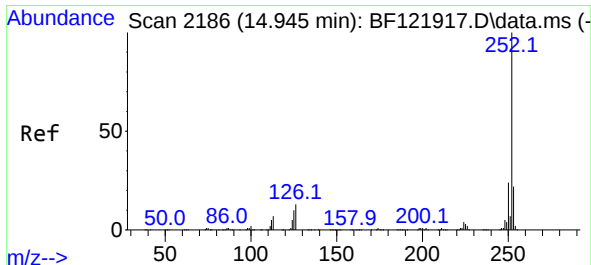
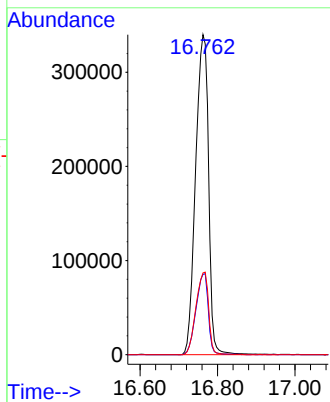
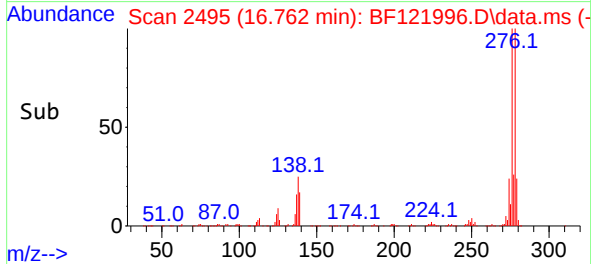
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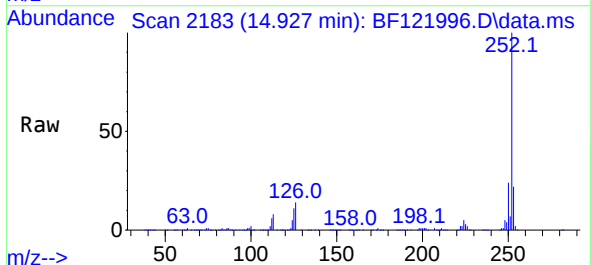
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.53 ng  
RT: 16.762 min Scan# 2495  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



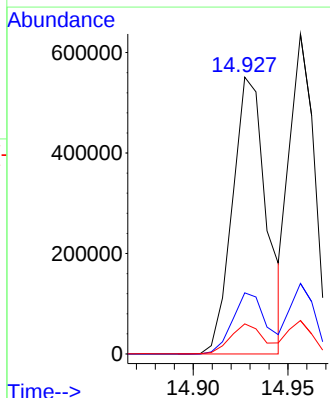
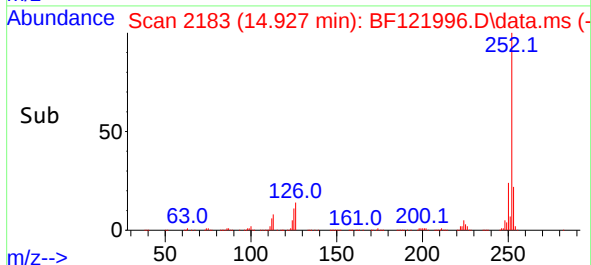
Tgt Ion: 276 Resp: 787960  
Ion Ratio Lower Upper  
276 100  
138 24.1 19.9 29.9  
277 25.3 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 42.42 ng  
RT: 14.927 min Scan# 2183  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



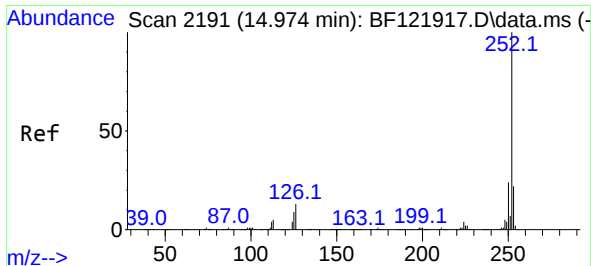
Tgt Ion: 252 Resp: 688662  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 10.9 8.0 12.0



Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

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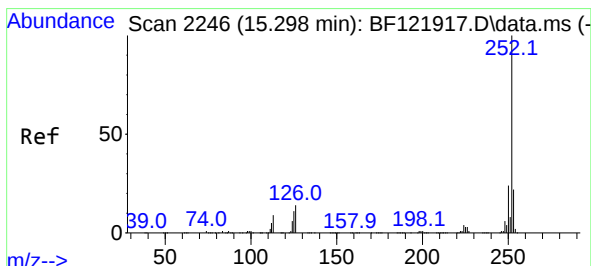
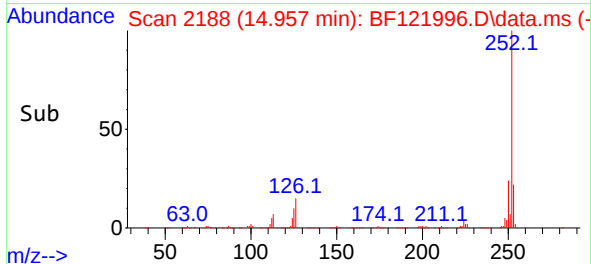
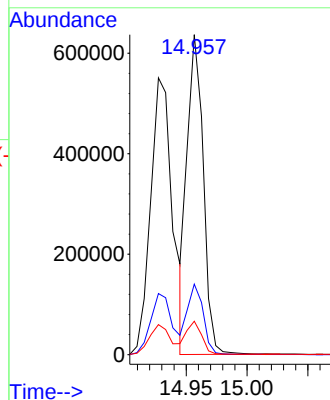
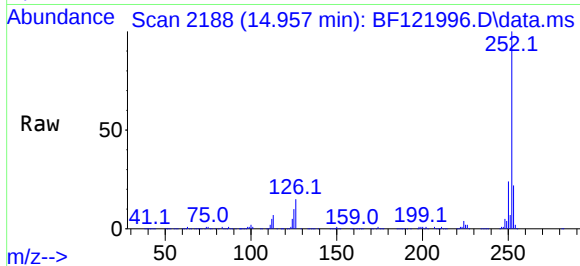
#89  
Benzo(k)fluoranthene  
Concen: 38.00 ng  
RT: 14.957 min Scan# 2188  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

Tgt Ion:252 Resp: 586130  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 10.4 7.7 11.5

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS

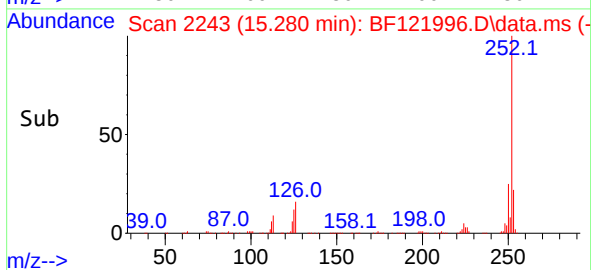
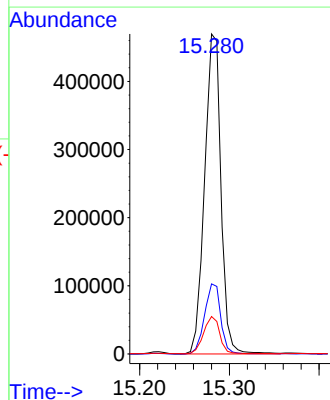
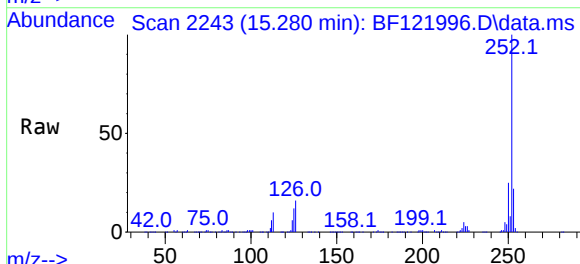
Manual Integrations  
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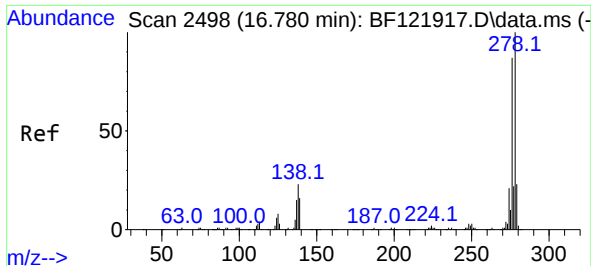
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#90  
Benzo(a)pyrene  
Concen: 42.37 ng  
RT: 15.280 min Scan# 2243  
Delta R.T. -0.006 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

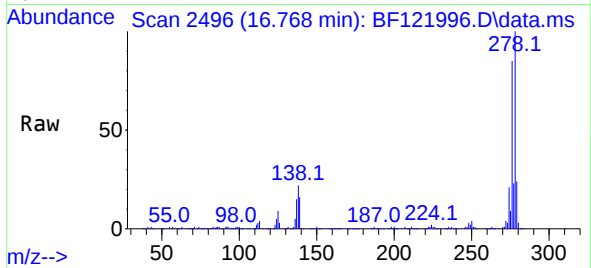
Tgt Ion:252 Resp: 594150  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 11.7 8.6 13.0





#91  
Dibenzo(a,h)anthracene  
Concen: 49.76 ng  
RT: 16.768 min Scan# 2496  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47

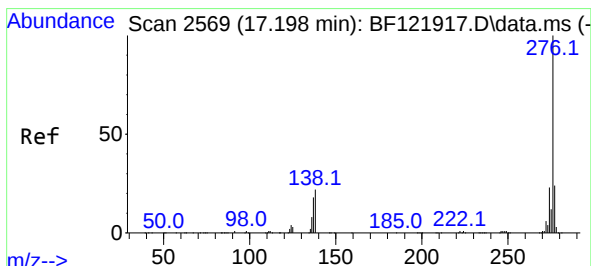
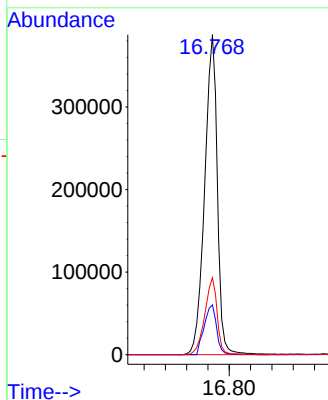
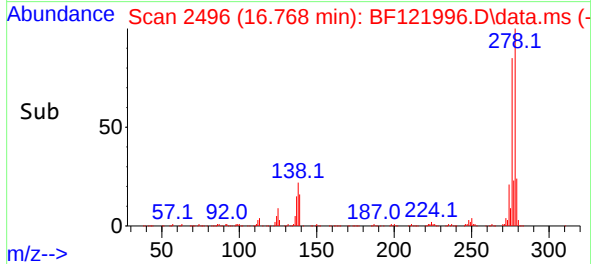
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMPMS



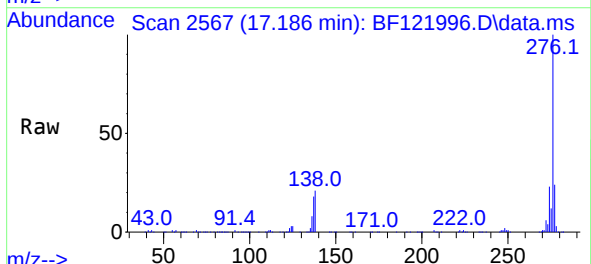
Tgt Ion:278 Resp: 638934  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.0 19.4  
279 24.0 19.0 28.4

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#92  
Benzo(g,h,i)perylene  
Concen: 51.60 ng  
RT: 17.186 min Scan# 2567  
Delta R.T. 0.000 min  
Lab File: BF121996.D  
Acq: 15 Oct 2020 17:47



Tgt Ion:276 Resp: 663076  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.4 29.2  
138 21.5 17.8 26.6

