

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121720\  
 Data File : BF122772.D  
 Acq On : 17 Dec 2020 19:09  
 Operator : JU/CG  
 Sample : L5118-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-37-2-WCMSD

Manual Integrations  
 APPROVED

mohammad  
 12/18/2020 10:26:52 AM

Quant Time: Dec 18 01:43:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 190280   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 757214   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 405464   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 740556   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 579689   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 553997   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 1442882  | 120.05 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.463  | 99   | 1909586  | 119.80 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 1175891  | 77.80  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 595212   | 112.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1982376  | 66.13  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2090401  | 63.12  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 198328   | 35.11  | ng    | 97       |
| 3) Pyridine                   | 3.404  | 79   | 564374   | 37.80  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 234701   | 39.20  | ng    | 95       |
| 6) Aniline                    | 6.486  | 93   | 359933   | 19.18  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 567968   | 42.87  | ng    | 98       |
| 9) Benzaldehyde               | 6.369  | 77   | 202708   | 21.01  | ng    | 98       |
| 10) Phenol                    | 6.475  | 94   | 691799   | 41.88  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 519647   | 41.18  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 586879   | 37.44  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 586454   | 37.10  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 575587   | 37.73  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 457938   | 41.72  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 635482   | 35.32  | ng    | 95       |
| 17) 2-Methylphenol            | 7.080  | 107  | 467158   | 44.36  | ng    | 98       |
| 18) Hexachloroethane          | 7.333  | 117  | 212895   | 37.80  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 362568   | 39.71  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.233  | 107  | 527406   | 39.64  | ng    | 96       |
| 22) Acetophenone              | 7.233  | 105  | 695087   | 36.92  | ng    | # 95     |
| 24) Nitrobenzene              | 7.410  | 77   | 563780   | 37.50  | ng    | 94       |
| 25) Isophorone                | 7.645  | 82   | 1018791  | 39.14  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.722  | 139  | 309800   | 42.25  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 486237   | 45.24  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 655868   | 36.79  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 486254   | 38.74  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 505462   | 35.54  | ng    | 99       |
| 31) Naphthalene               | 8.127  | 128  | 1575675  | 37.71  | ng    | 100      |
| 32) Benzoic acid              | 7.910  | 122  | 337891   | 39.46  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.174  | 127  | 162854   | 9.32   | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 293091   | 33.49  | ng    | 99       |
| 35) Caprolactam               | 8.557  | 113  | 153494m  | 40.60  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 511530   | 41.37  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.821  | 142  | 1059940  | 38.35  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.921  | 142  | 969767   | 37.09  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 486204   | 36.20  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.974  | 237  | 450112   | 75.80  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 346513   | 37.36  | ng    | 99       |

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Manual Integrations  
 APPROVED

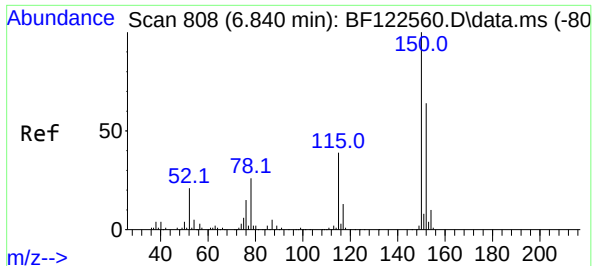
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 12/18/2020 10:26:52 AM

Quant Time: Dec 18 01:43:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

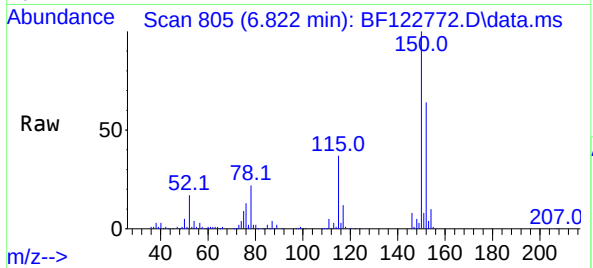
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 363217   | 37.88 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1244346  | 36.98 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 996818   | 35.75 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 290596   | 35.75 | ng    | 94       |
| 49) Acenaphthylene            | 9.727  | 152  | 1540634  | 37.41 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 1424828  | 44.00 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 275565   | 40.29 | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 1072137m | 40.24 | ng    |          |
| 53) 3-Nitroaniline            | 9.816  | 138  | 109529   | 13.86 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.933  | 184  | 281341   | 84.14 | ng    | 92       |
| 55) Dibenzofuran              | 10.068 | 168  | 1372935  | 36.63 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.992  | 139  | 417405   | 74.07 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 362504   | 39.79 | ng    | 99       |
| 58) Fluorene                  | 10.410 | 166  | 1055753  | 35.42 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 310723   | 36.89 | ng    | 100      |
| 60) Diethylphthalate          | 10.286 | 149  | 1139358  | 36.17 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 510609   | 34.79 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 269576   | 33.61 | ng    | 96       |
| 63) Azobenzene                | 10.563 | 77   | 1058059  | 36.55 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.468 | 198  | 204829   | 45.36 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.521 | 169  | 984625   | 37.63 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 360158   | 35.89 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 396823   | 35.77 | ng    | 95       |
| 69) Atrazine                  | 11.051 | 200  | 277743   | 32.68 | ng    | 99       |
| 70) Pentachlorophenol         | 11.157 | 266  | 434078   | 73.85 | ng    | 99       |
| 71) Phenanthrene              | 11.374 | 178  | 1584314  | 36.00 | ng    | 100      |
| 72) Anthracene                | 11.427 | 178  | 1618502  | 37.09 | ng    | 100      |
| 73) Carbazole                 | 11.580 | 167  | 1469233  | 37.12 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1705895  | 34.30 | ng    | 99       |
| 75) Fluoranthene              | 12.562 | 202  | 1661036  | 35.99 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 531772   | 42.41 | ng    | 99       |
| 78) Pyrene                    | 12.792 | 202  | 1689827  | 37.70 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 728942   | 36.11 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1458440  | 37.65 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 312111   | 22.49 | ng    | 98       |
| 83) Chrysene                  | 14.021 | 228  | 1461960  | 37.92 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 958541   | 34.67 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 1621610  | 35.36 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.897 | 276  | 1347546  | 37.06 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1475753  | 37.97 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.056 | 252  | 1353784  | 38.09 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 1253575  | 36.86 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 1120303  | 37.64 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 1124257  | 39.03 | ng    | 100      |

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

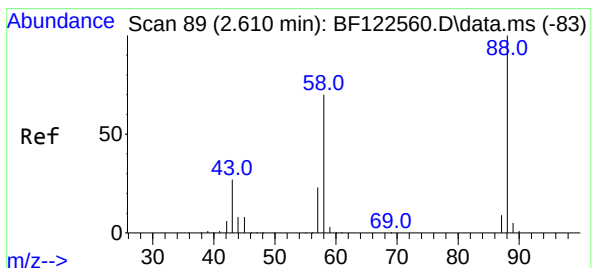
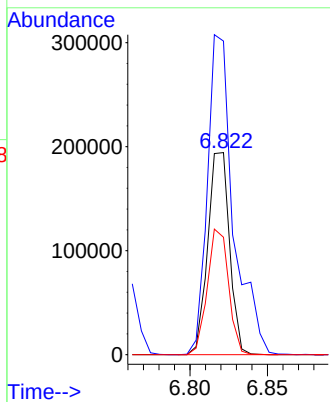
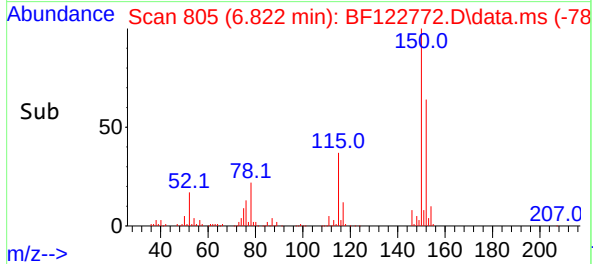




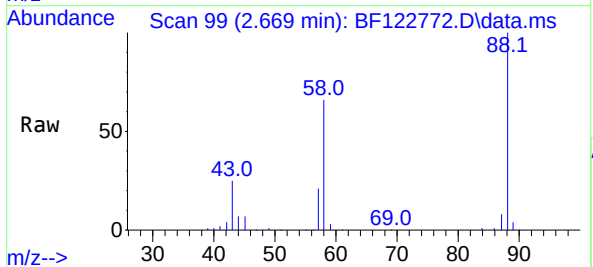
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



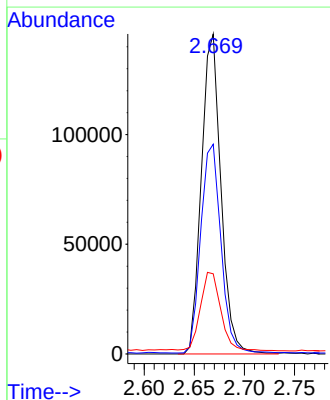
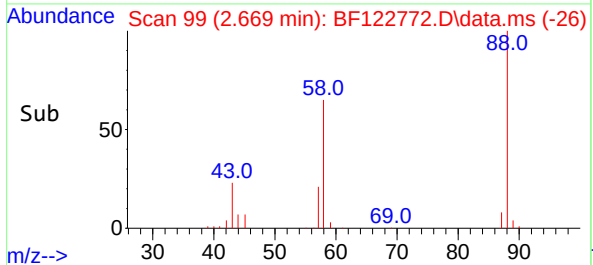
Tgt Ion:152 Resp: 190280  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.8 188.6  
115 58.1 49.3 73.9



#2  
1,4-Dioxane  
Concen: 35.11 ng  
RT: 2.669 min Scan# 99  
Delta R.T. 0.129 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



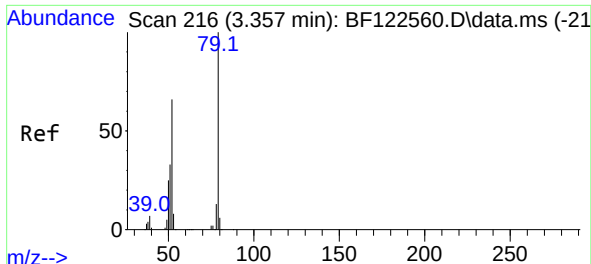
Tgt Ion: 88 Resp: 198328  
Ion Ratio Lower Upper  
88 100  
58 67.5 56.2 84.2  
43 26.3 21.8 32.6



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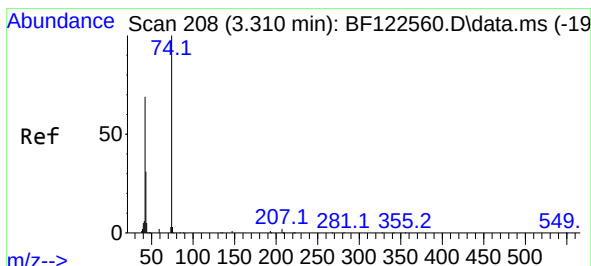
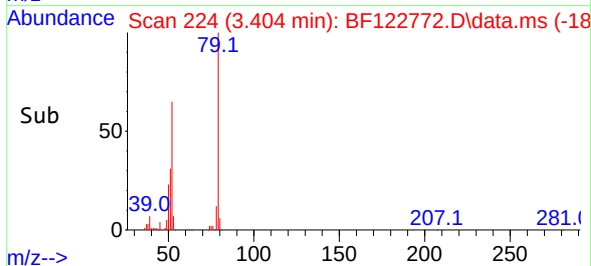
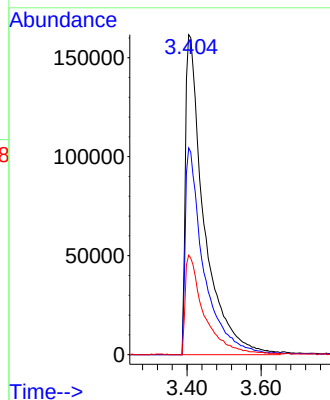
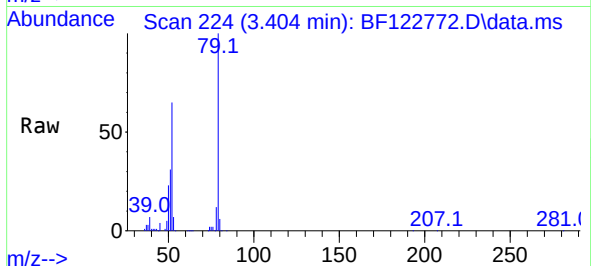
#3  
Pyridine  
Concen: 37.80 ng  
RT: 3.404 min Scan# 224  
Delta R.T. 0.117 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 79 Resp: 564374  
Ion Ratio Lower Upper  
79 100  
52 64.6 53.0 79.4  
51 31.1 26.6 39.8

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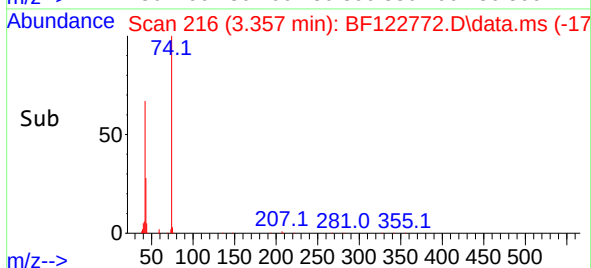
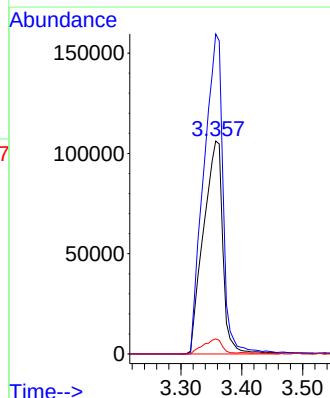
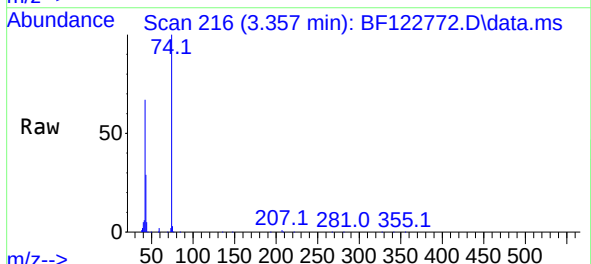
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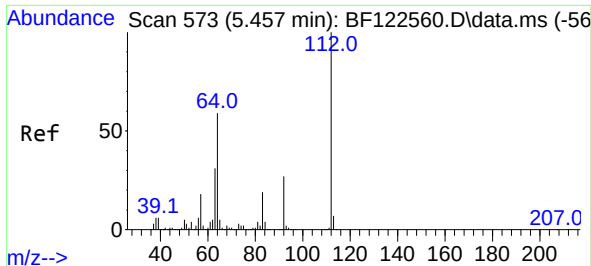
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#4  
n-Nitrosodimethylamine  
Concen: 39.20 ng  
RT: 3.357 min Scan# 216  
Delta R.T. 0.117 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

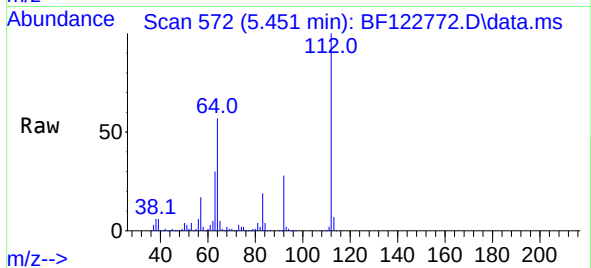
Tgt Ion: 42 Resp: 234701  
Ion Ratio Lower Upper  
42 100  
74 150.3 115.2 172.8  
44 7.1 5.4 8.0





#5  
2-Fluorophenol  
Concen: 120.05 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.017 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

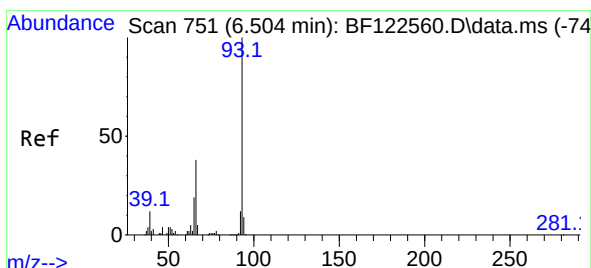
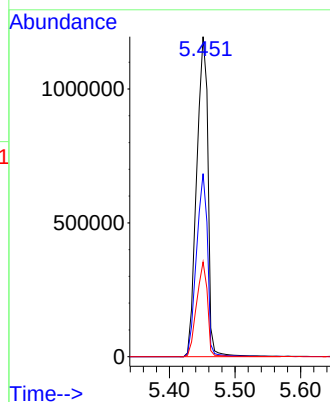
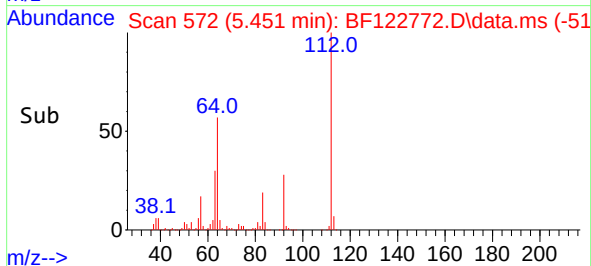
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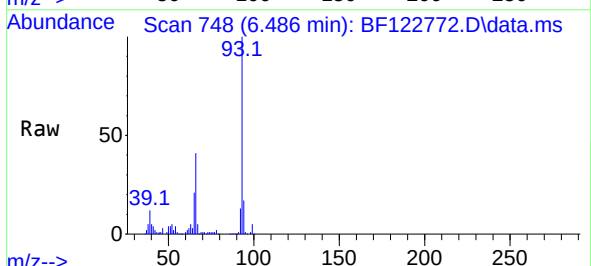
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Ion Ratio Lower Upper  
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64 57.2 46.9 70.3  
63 29.6 24.5 36.7

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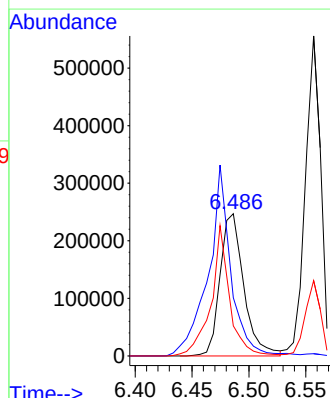
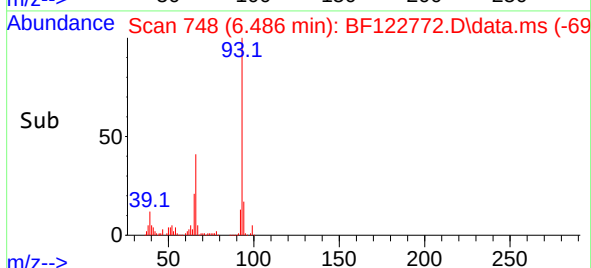
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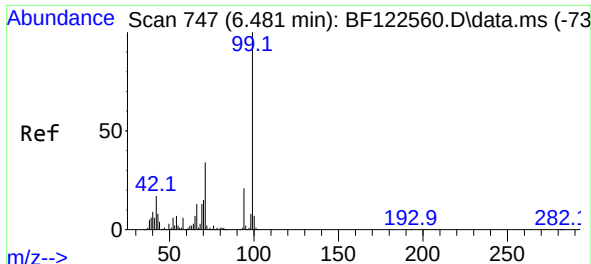


#6  
Aniline  
Concen: 19.18 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion: 93 Resp: 359933  
Ion Ratio Lower Upper  
93 100  
66 40.9 31.3 46.9  
65 21.2 15.6 23.4





#7  
Phenol-d6  
Concen: 119.80 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

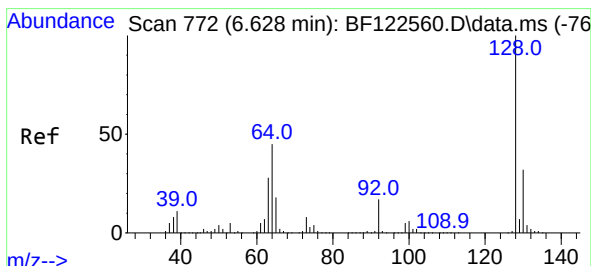
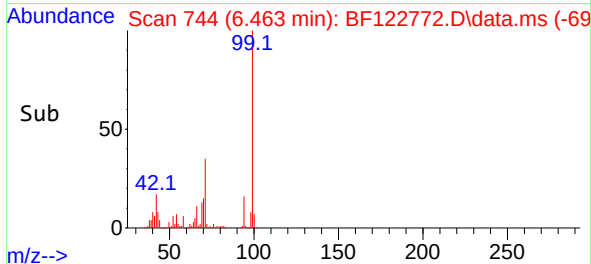
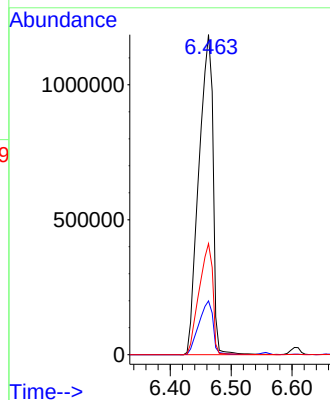
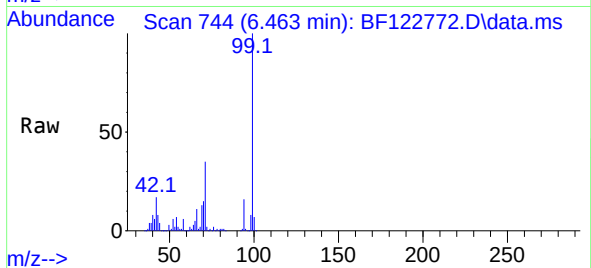
Tgt Ion: 99 Resp: 1909586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.8  | 13.8  | 20.6  |
| 71  | 34.7  | 26.9  | 40.3  |

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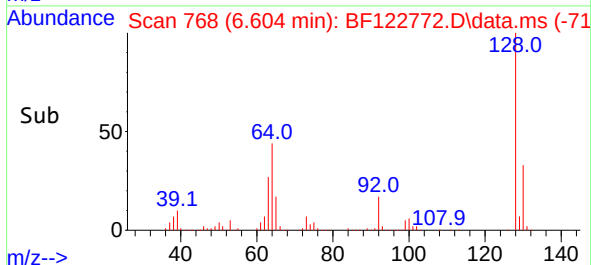
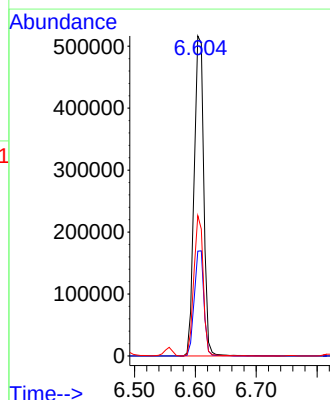
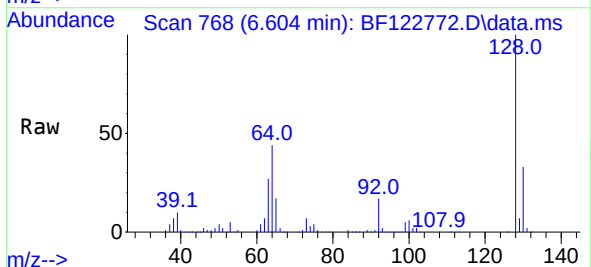
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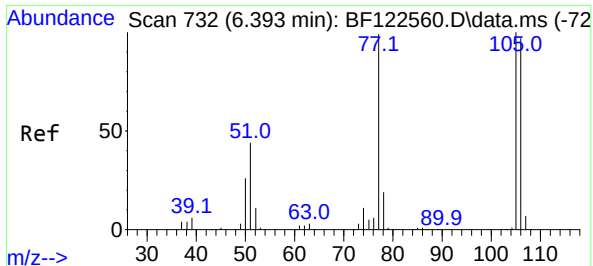


#8  
2-Chlorophenol  
Concen: 42.87 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:128 Resp: 567968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.3  | 52.3  |
| 64  | 43.9  | 25.5  | 65.5  |





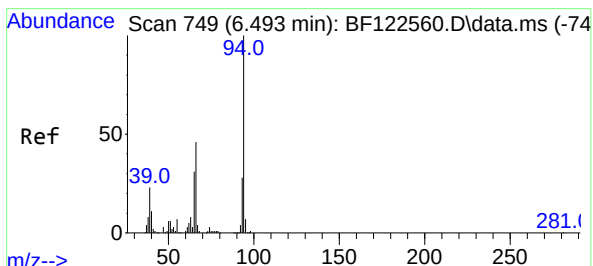
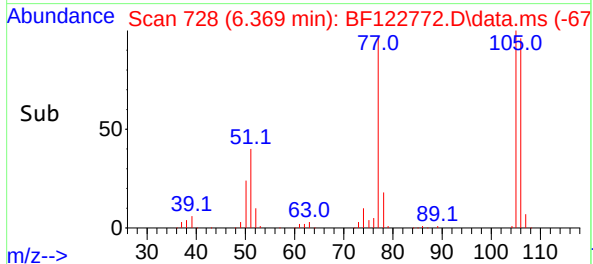
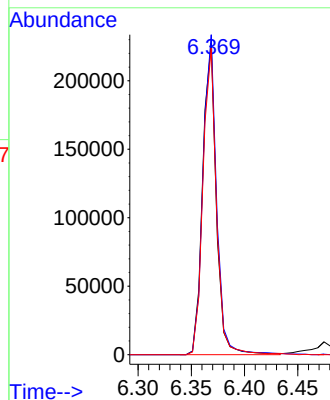
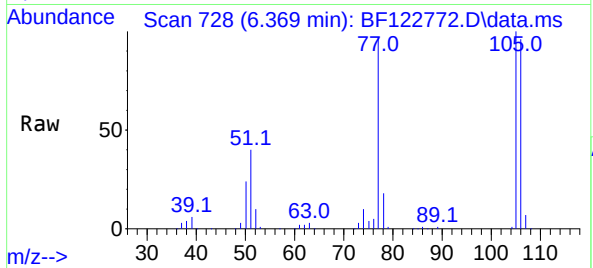
#9  
Benzaldehyde  
Concen: 21.01 ng  
RT: 6.369 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 77 Resp: 202708  
Ion Ratio Lower Upper  
77 100  
105 102.8 80.6 120.6  
106 98.5 77.2 117.2

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

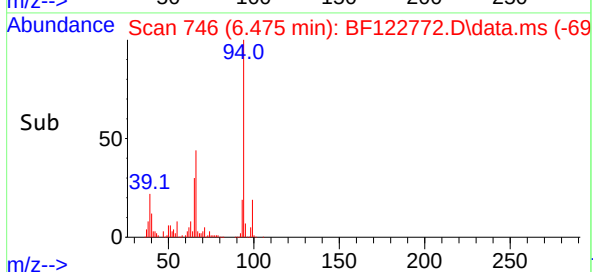
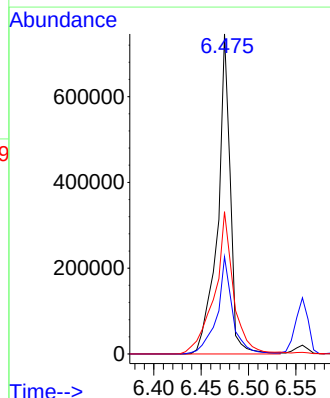
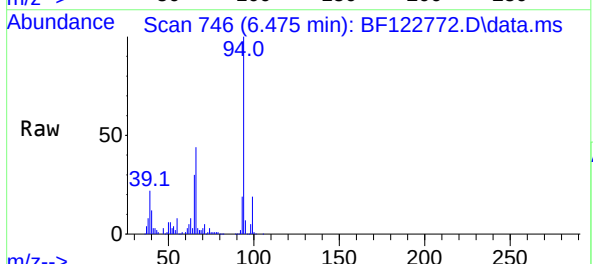
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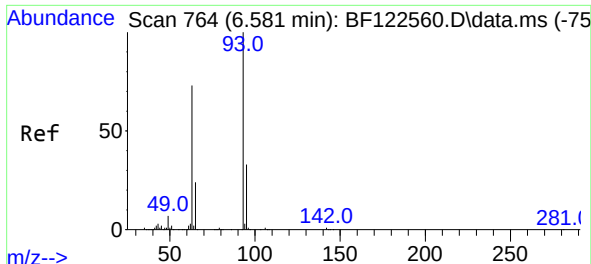


#10  
Phenol  
Concen: 41.88 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 94 Resp: 691799  
Ion Ratio Lower Upper  
94 100  
65 30.4 11.2 51.2  
66 44.4 25.8 65.8







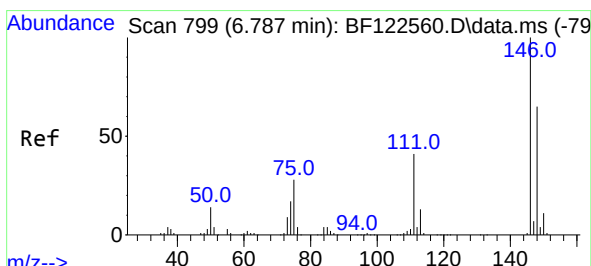
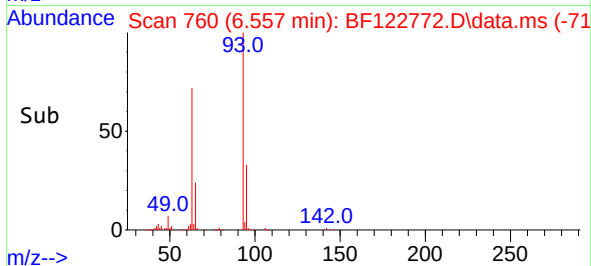
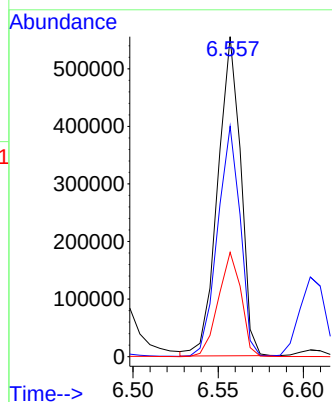
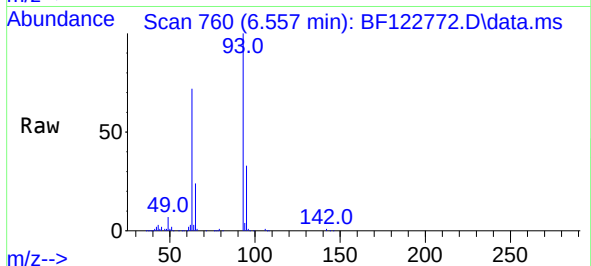
#11  
bis(2-Chloroethyl)ether  
Concen: 41.18 ng  
RT: 6.557 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 93 Resp: 519647  
Ion Ratio Lower Upper  
93 100  
63 72.0 52.6 92.6  
95 32.6 12.6 52.6

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

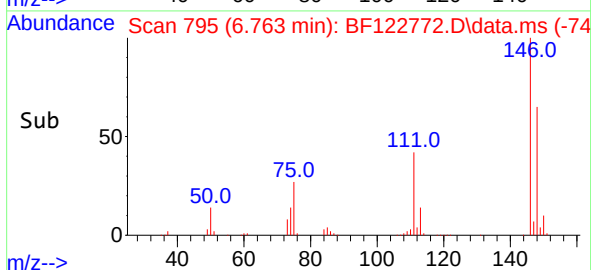
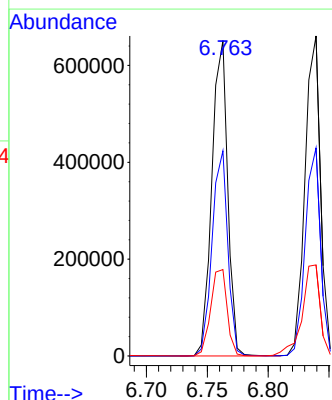
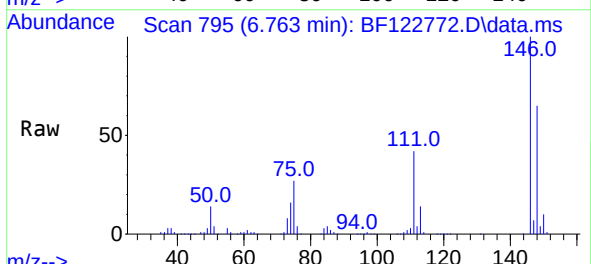
Manual Integrations  
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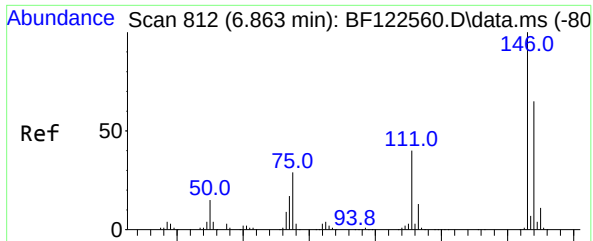
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#12  
1,3-Dichlorobenzene  
Concen: 37.44 ng  
RT: 6.763 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 146 Resp: 586879  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 27.4 22.5 33.7





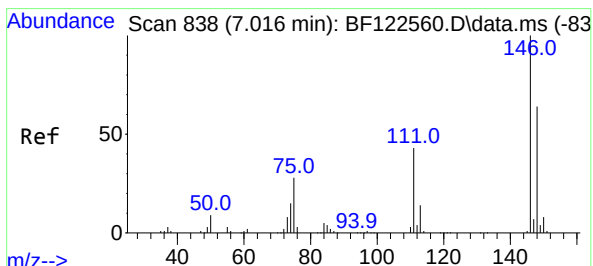
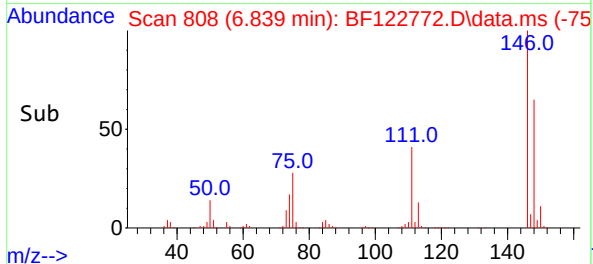
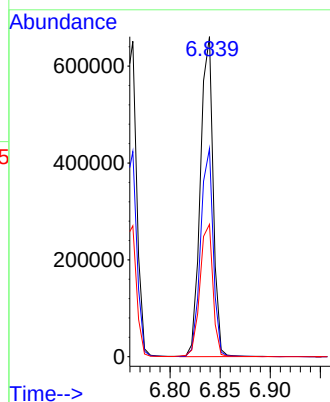
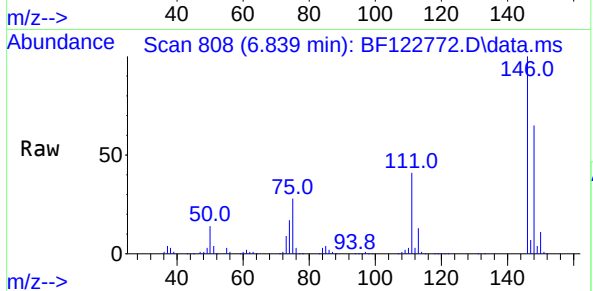
#13  
1,4-Dichlorobenzene  
Concen: 37.10 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:146 Resp: 586454  
Ion Ratio Lower Upper  
146 100  
148 65.0 52.0 78.0  
111 41.3 32.3 48.5

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

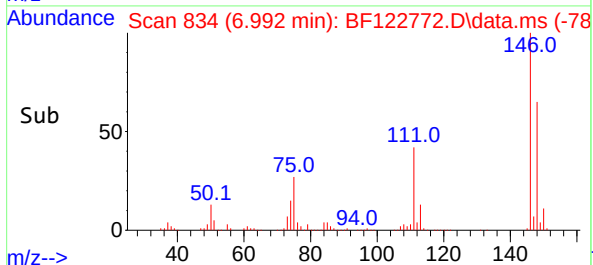
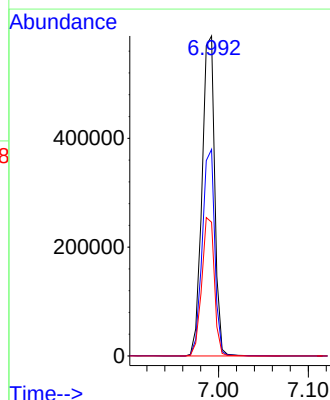
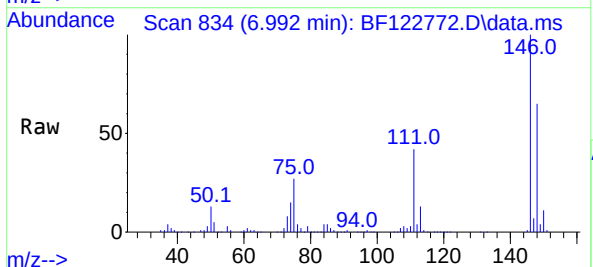
Manual Integrations  
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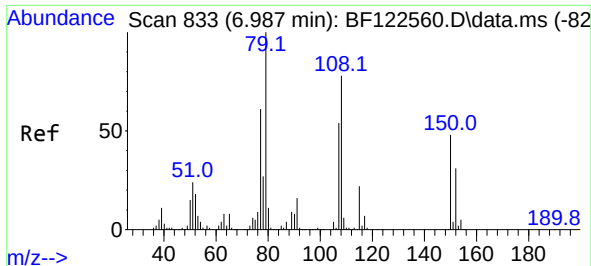
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#14  
1,2-Dichlorobenzene  
Concen: 37.73 ng  
RT: 6.992 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

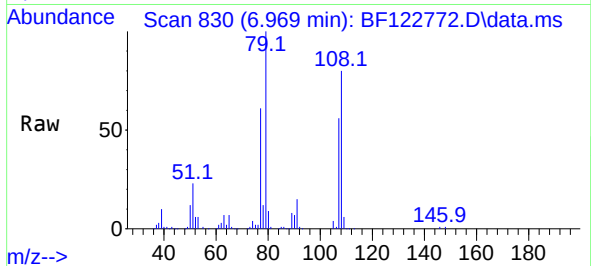
Tgt Ion:146 Resp: 575587  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.5 77.3  
111 41.8 34.2 51.2





#15  
Benzyl Alcohol  
Concen: 41.72 ng  
RT: 6.969 min Scan# 830  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

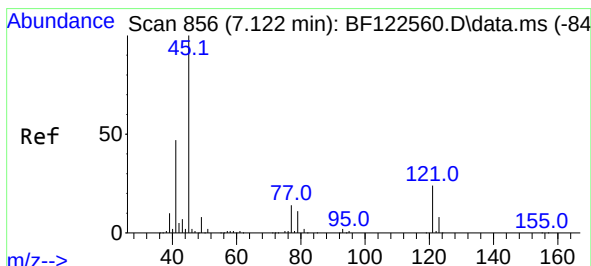
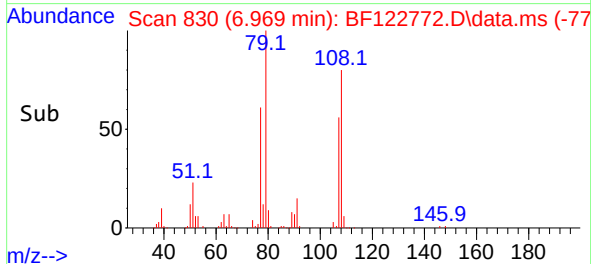
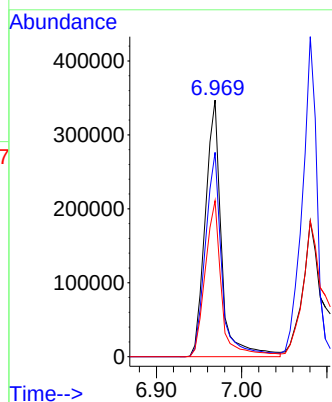
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



Tgt Ion: 79 Resp: 457938  
Ion Ratio Lower Upper  
79 100  
108 79.6 62.4 93.6  
77 60.8 49.0 73.6

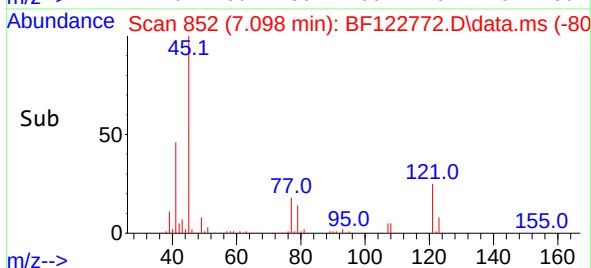
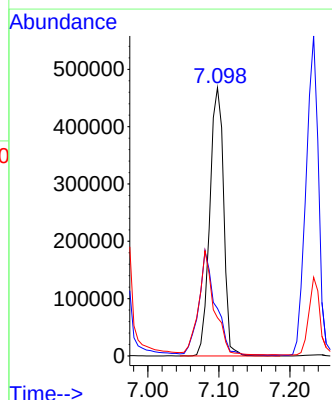
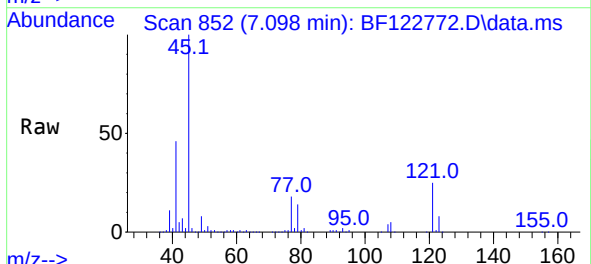
Manual Integrations  
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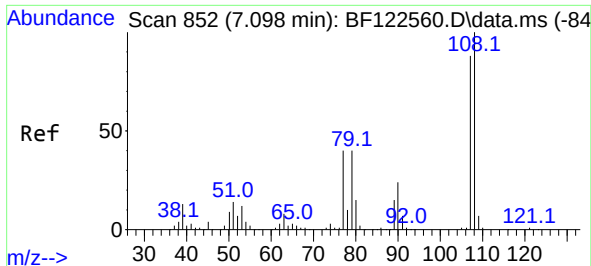
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.32 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 45 Resp: 635482  
Ion Ratio Lower Upper  
45 100  
77 17.7 0.0 35.6  
79 14.3 0.0 32.4





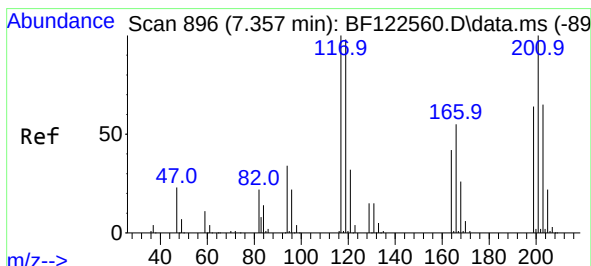
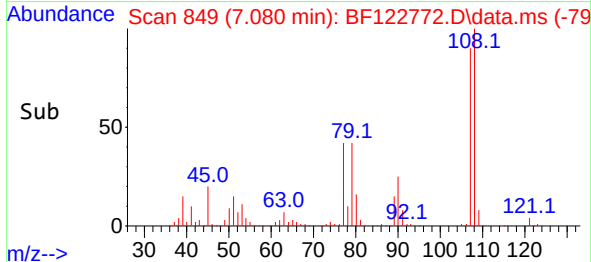
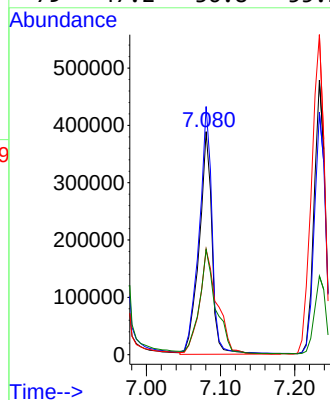
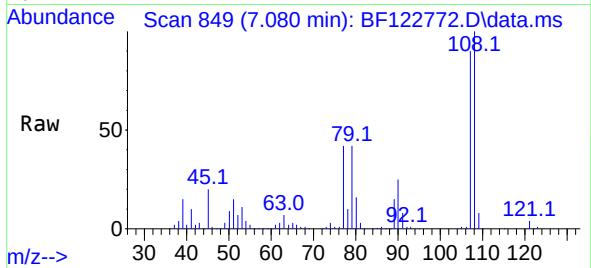
#17  
2-Methylphenol  
Concen: 44.36 ng  
RT: 7.080 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 467158 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.3 | 91.1  | 136.7  |
| 77       | 47.3  | 36.3  | 54.5   |
| 79       | 47.2  | 36.8  | 55.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

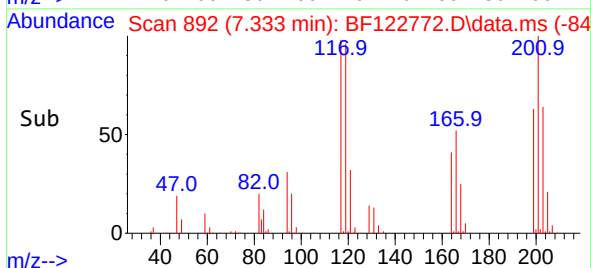
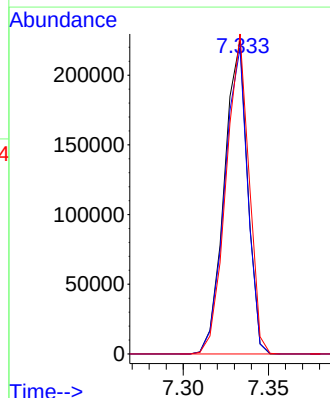
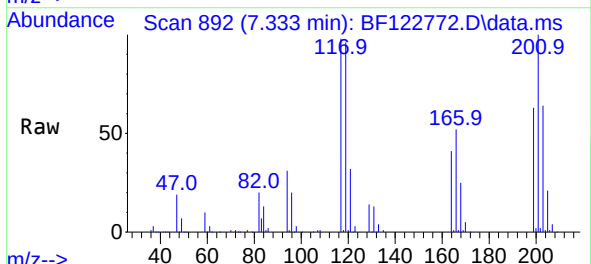
Manual Integrations  
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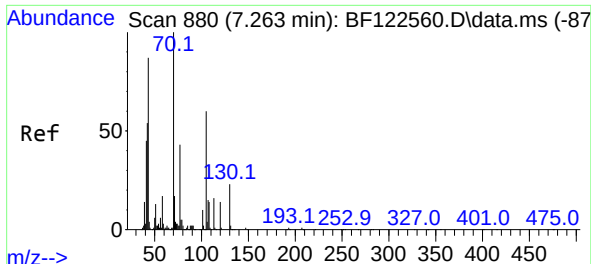
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#18  
Hexachloroethane  
Concen: 37.80 ng  
RT: 7.333 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

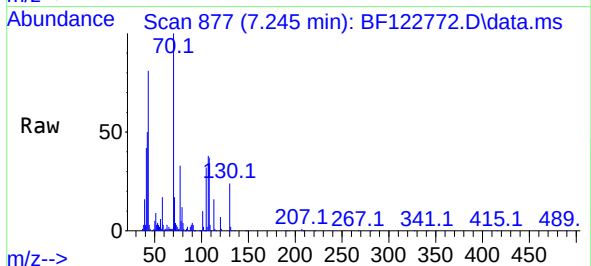
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 212895 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.7  | 78.4  | 117.6  |
| 201      | 102.2 | 79.6  | 119.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.71 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

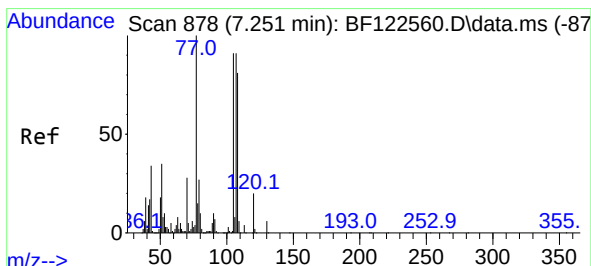
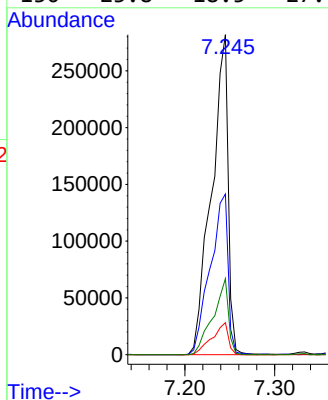
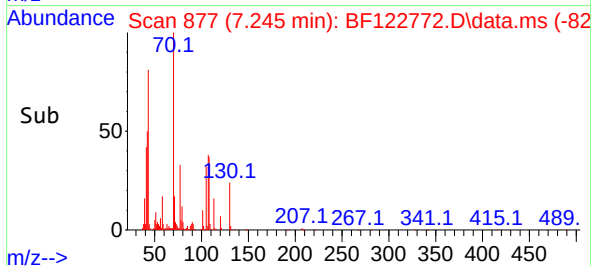
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



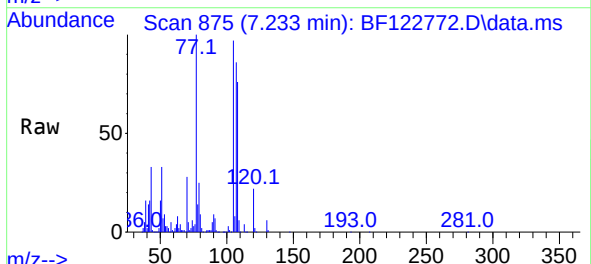
Tgt Ion: 70 Resp: 362568  
Ion Ratio Lower Upper  
70 100  
42 50.2 43.0 64.4  
101 10.0 7.9 11.9  
130 23.8 18.5 27.7

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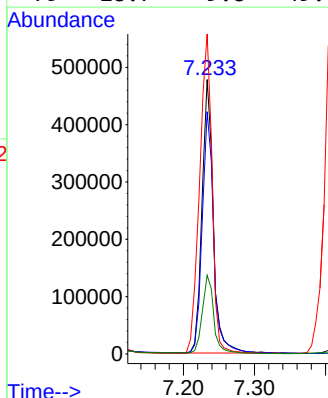
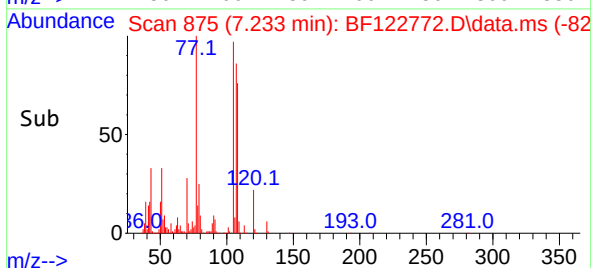
mohammad  
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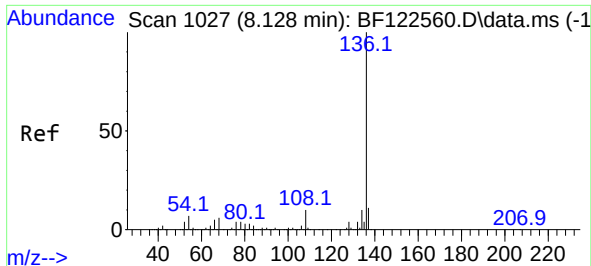


#20  
3+4-Methylphenols  
Concen: 39.64 ng  
RT: 7.233 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion: 107 Resp: 527406  
Ion Ratio Lower Upper  
107 100  
108 88.3 68.7 108.7  
77 116.6 89.8 129.8  
79 28.7 9.8 49.8





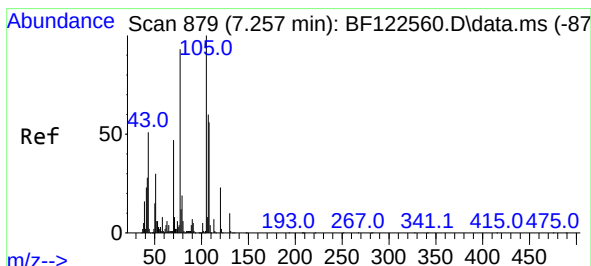
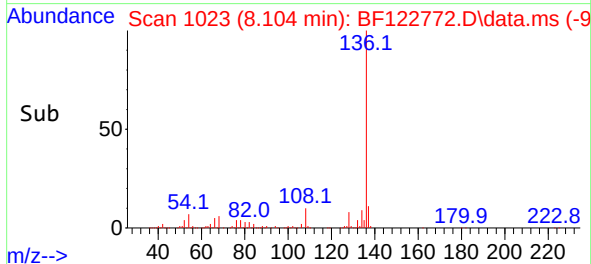
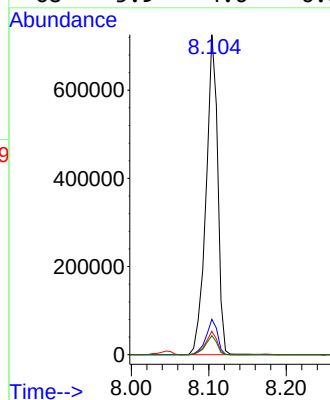
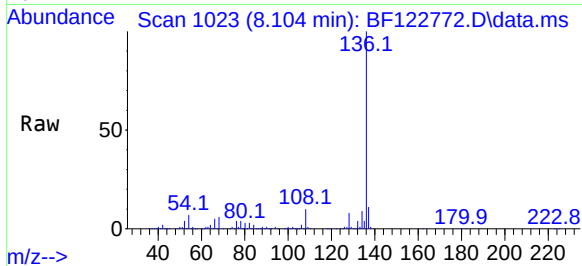
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 757214 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.8   | 13.2   |
| 54       | 7.3   | 5.5   | 8.3    |
| 68       | 5.9   | 4.6   | 6.8    |

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

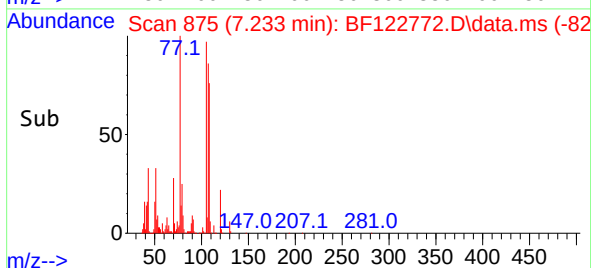
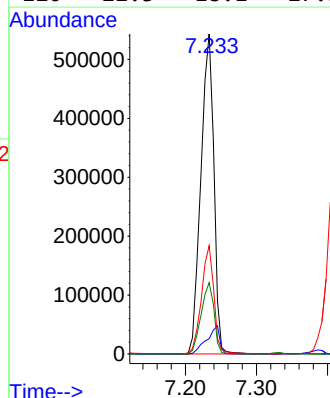
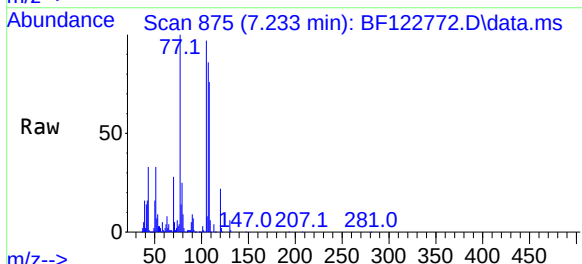
Manual Integrations  
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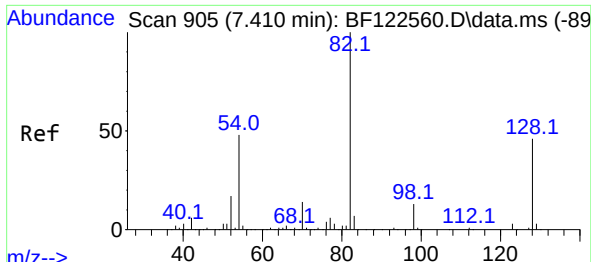
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#22  
Acetophenone  
Concen: 36.92 ng  
RT: 7.233 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 695087 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.8   | 6.5   | 9.7#   |
| 51       | 33.9  | 24.3  | 36.5   |
| 120      | 22.3  | 18.1  | 27.1   |





#23  
Nitrobenzene-d5  
Concen: 77.80 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

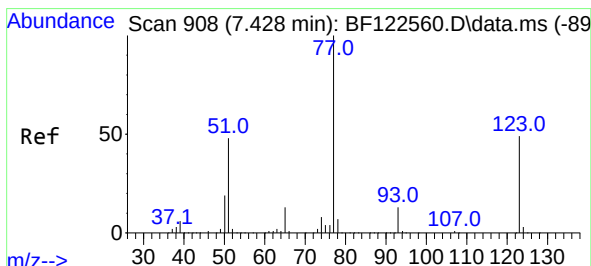
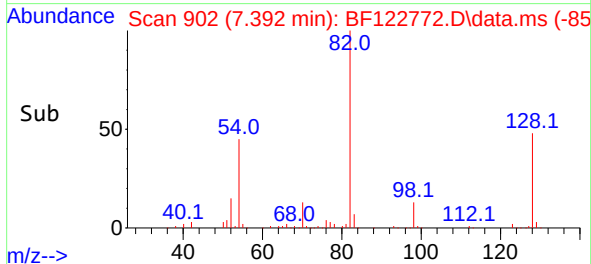
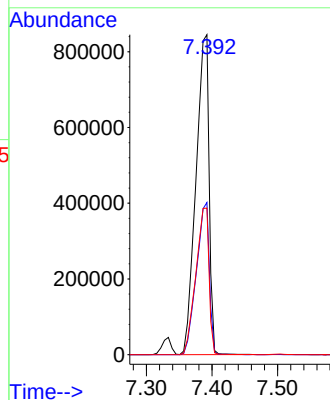
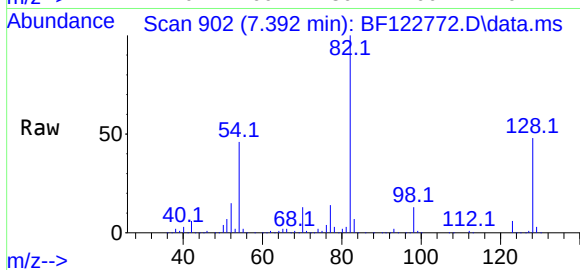
Tgt Ion: 82 Resp: 1175891

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.5  | 37.0  | 55.4  |
| 54  | 45.8  | 38.4  | 57.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

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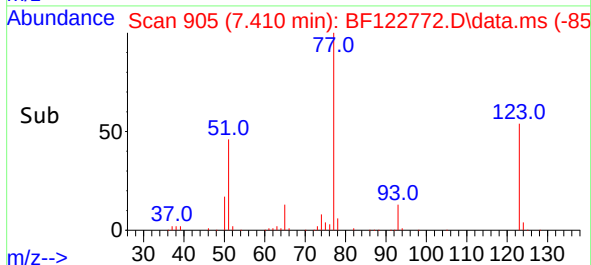
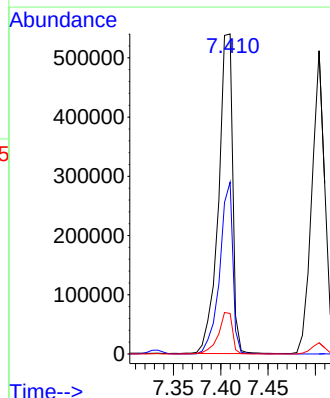
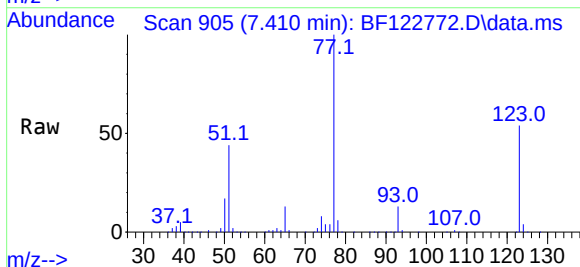
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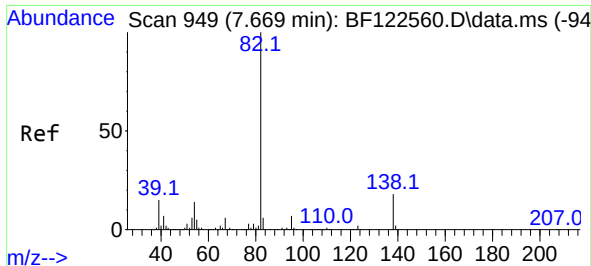


#24  
Nitrobenzene  
Concen: 37.50 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 77 Resp: 563780

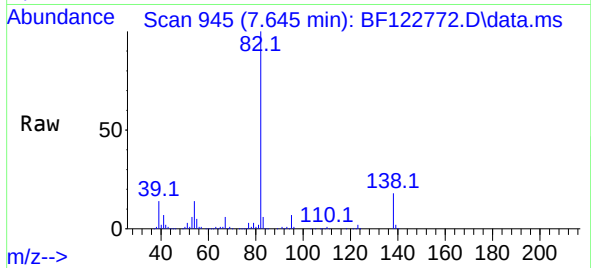
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 53.7  | 39.3  | 58.9  |
| 65  | 12.6  | 10.6  | 15.8  |





#25  
Isophorone  
Concen: 39.14 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

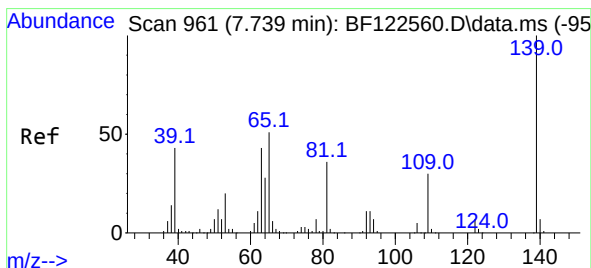
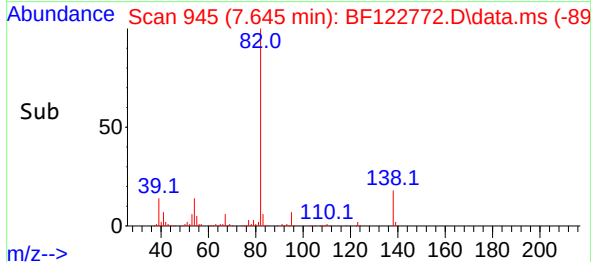
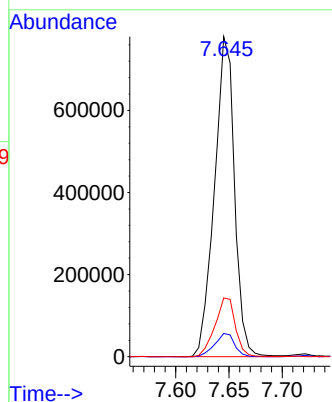
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



Tgt Ion: 82 Resp: 1018791  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.6  
138 18.4 14.6 21.8

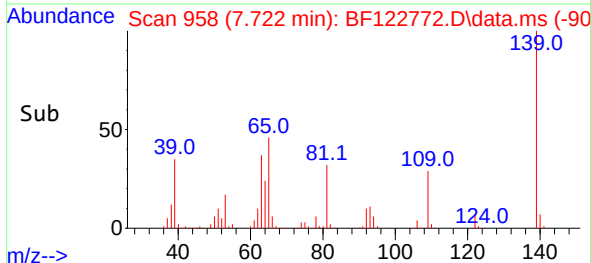
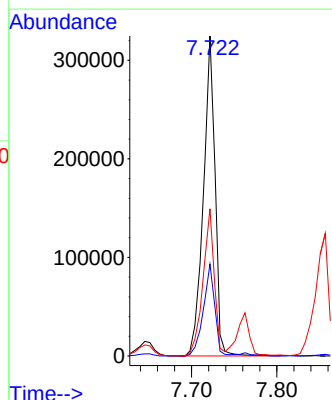
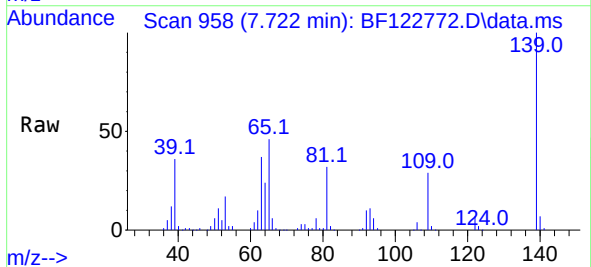
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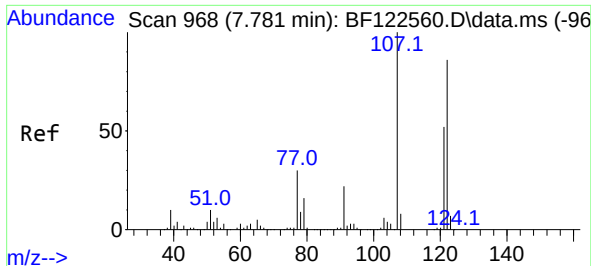


#26  
2-Nitrophenol  
Concen: 42.25 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 139 Resp: 309800  
Ion Ratio Lower Upper  
139 100  
109 28.7 24.0 36.0  
65 46.0 40.9 61.3







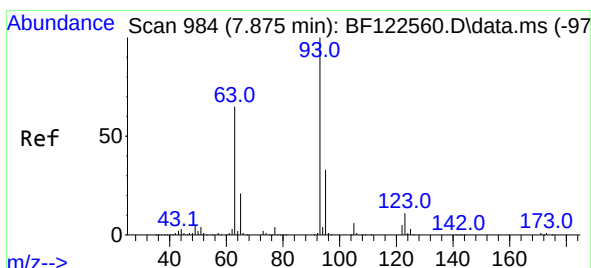
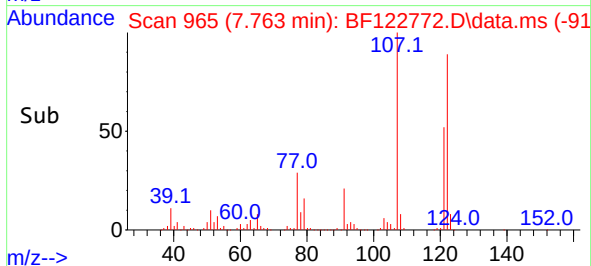
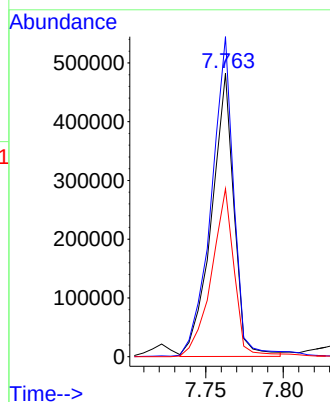
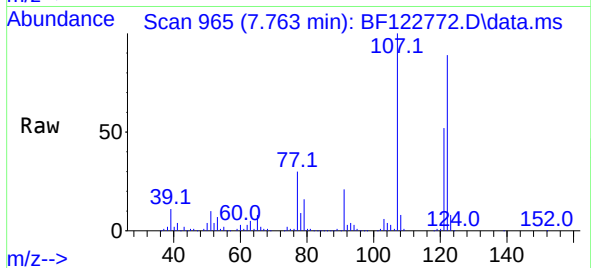
#27  
2,4-Dimethylphenol  
Concen: 45.24 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:122 Resp: 486237  
Ion Ratio Lower Upper  
122 100  
107 112.9 91.8 137.8  
121 59.2 47.3 70.9

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

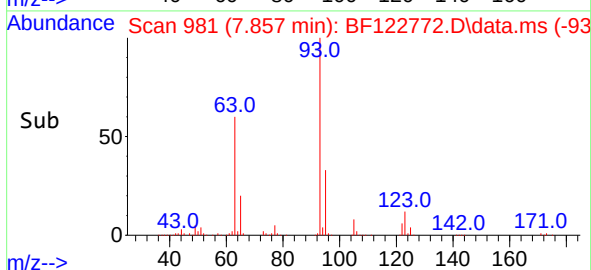
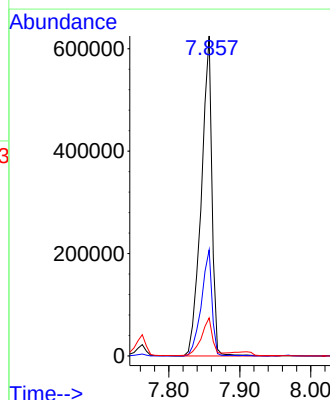
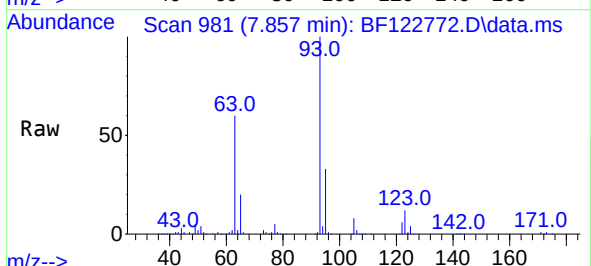
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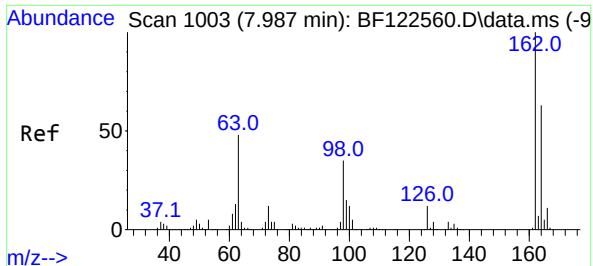
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 36.79 ng  
RT: 7.857 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 93 Resp: 655868  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.2 39.2  
123 11.9 9.2 13.8





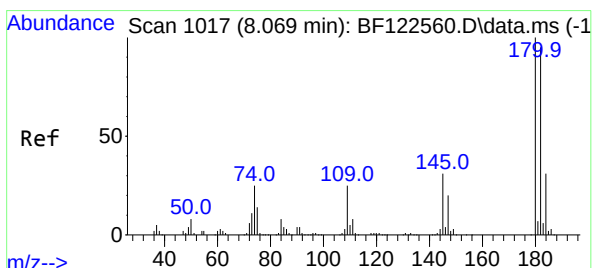
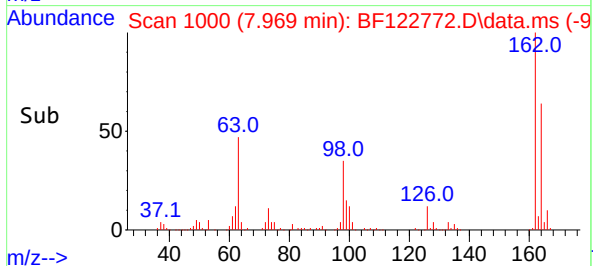
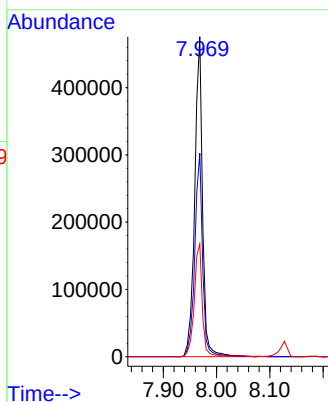
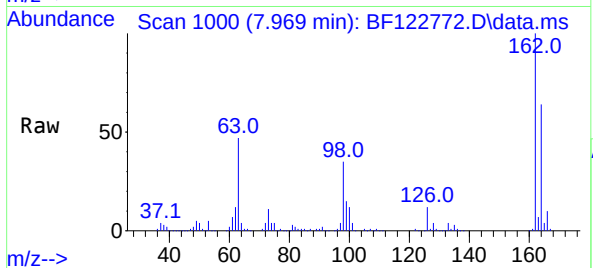
#29  
2,4-Dichlorophenol  
Concen: 38.74 ng  
RT: 7.969 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:162 Resp: 486254  
Ion Ratio Lower Upper  
162 100  
164 63.6 43.2 83.2  
98 35.3 15.2 55.2

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

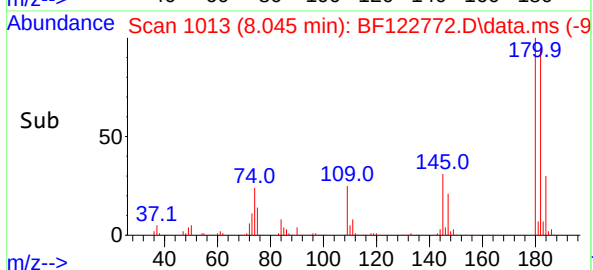
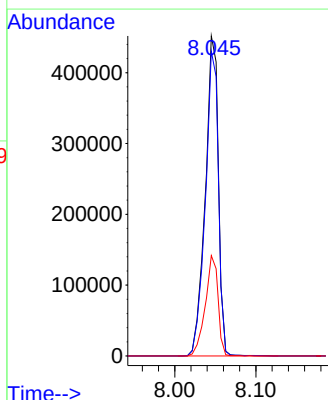
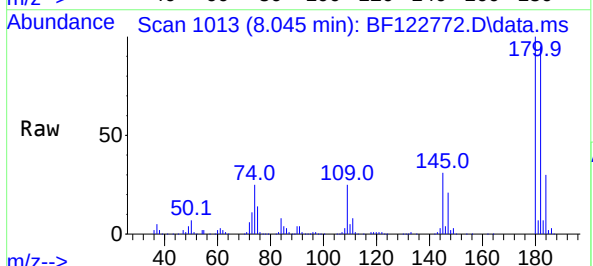
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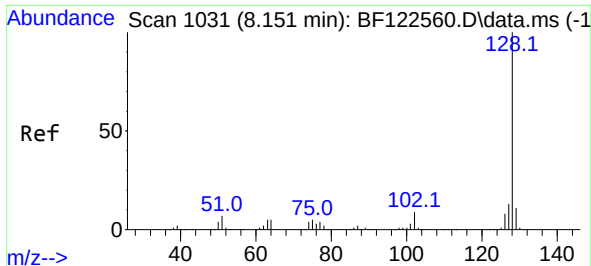
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#30  
1,2,4-Trichlorobenzene  
Concen: 35.54 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:180 Resp: 505462  
Ion Ratio Lower Upper  
180 100  
182 95.2 75.7 113.5  
145 31.4 25.0 37.4





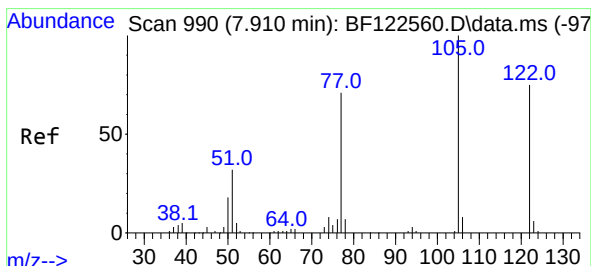
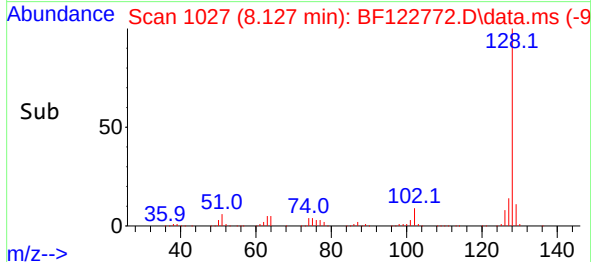
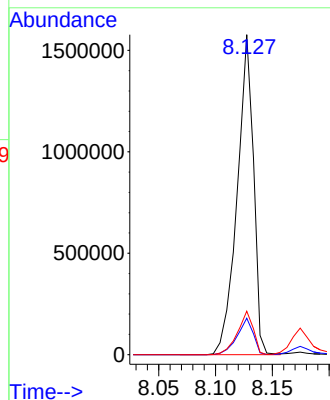
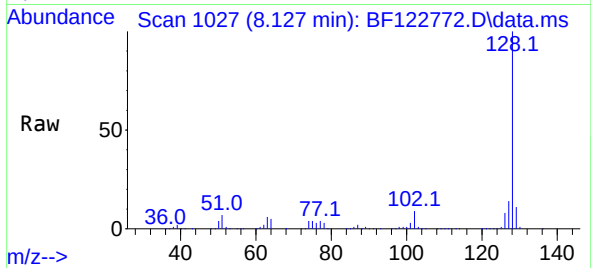
#31  
Naphthalene  
Concen: 37.71 ng  
RT: 8.127 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:128 Resp: 1575675  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.6 10.7 16.1

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

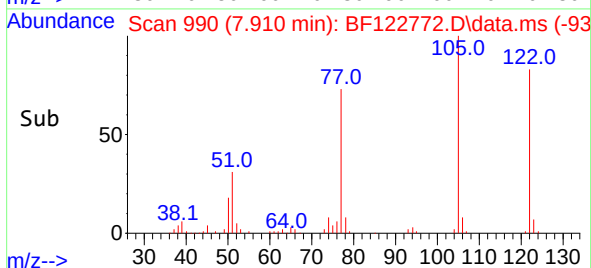
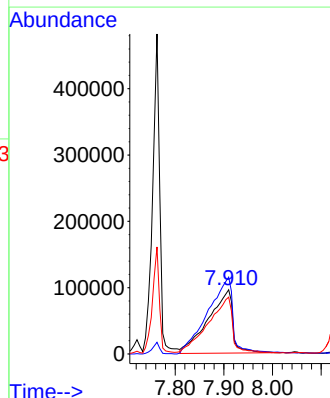
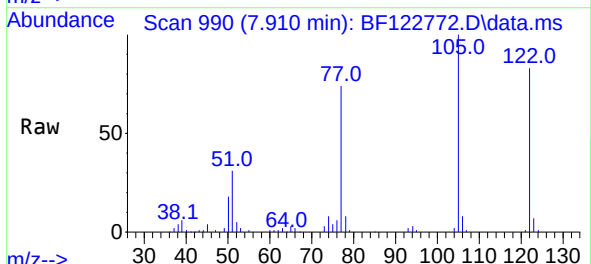
Manual Integrations  
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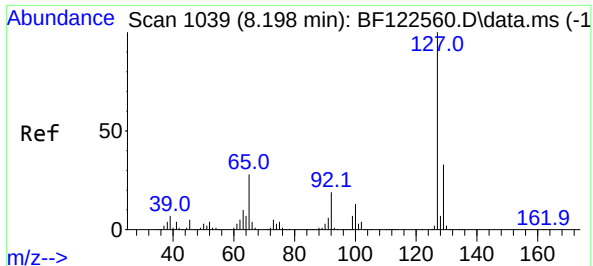
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#32  
Benzoic acid  
Concen: 39.46 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.017 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:122 Resp: 337891  
Ion Ratio Lower Upper  
122 100  
105 119.8 104.8 144.8  
77 88.6 71.0 111.0





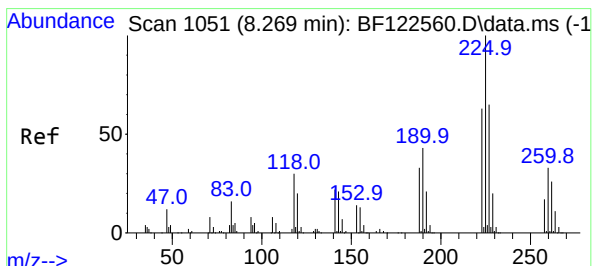
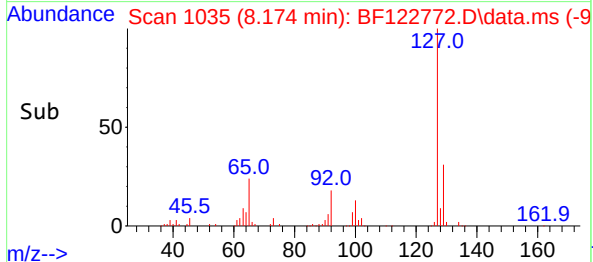
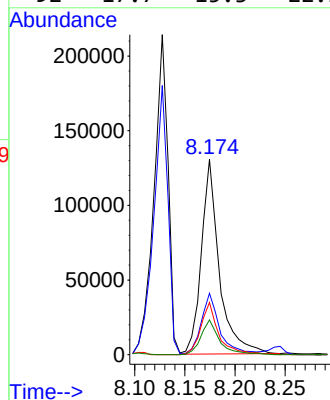
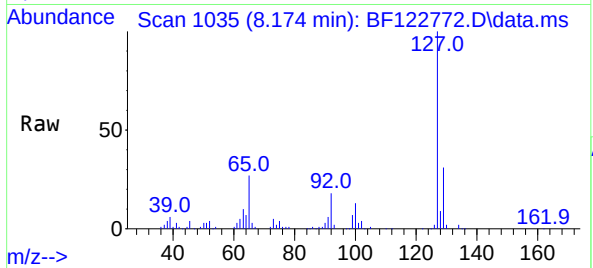
#33  
4-Chloroaniline  
Concen: 9.32 ng  
RT: 8.174 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 162854 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.2  | 39.2   |
| 65       | 26.7  | 22.2  | 33.2   |
| 92       | 17.7  | 15.3  | 22.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

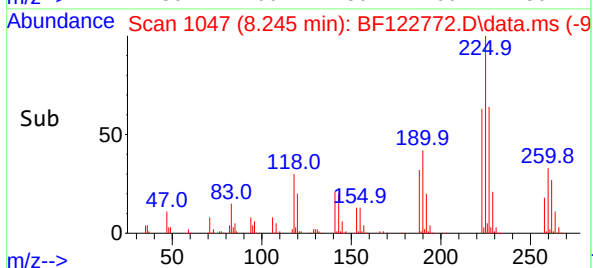
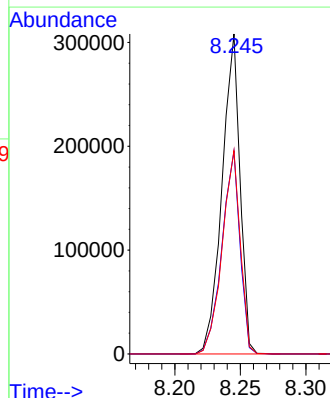
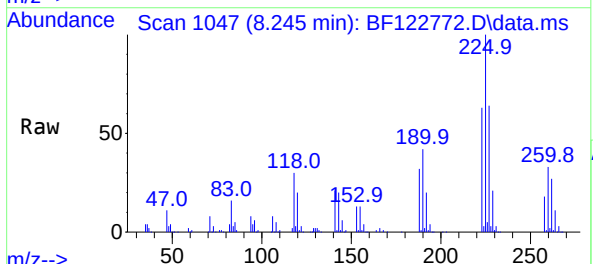
Manual Integrations  
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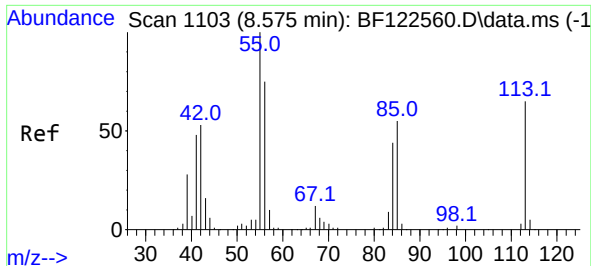
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#34  
Hexachlorobutadiene  
Concen: 33.49 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 293091 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 50.7  | 76.1   |
| 227      | 63.6  | 51.7  | 77.5   |





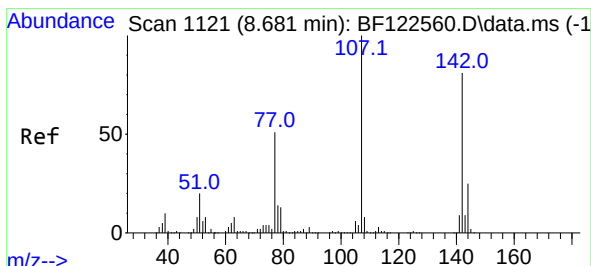
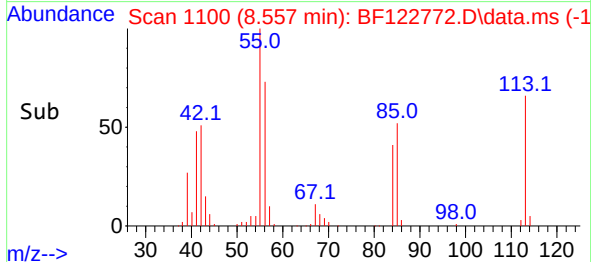
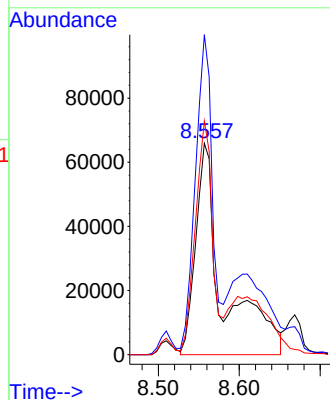
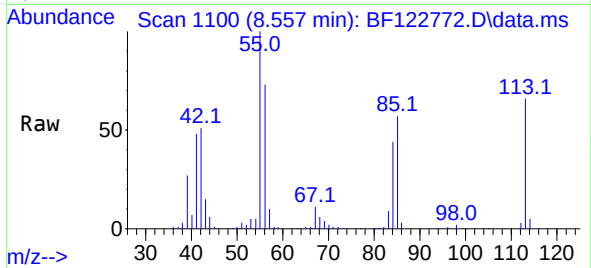
#35  
Caprolactam  
Concen: 40.60 ng m  
RT: 8.557 min Scan# 1100  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:113 Resp: 153494  
Ion Ratio Lower Upper  
113 100  
55 151.4 133.7 173.7  
56 110.6 95.3 135.3

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

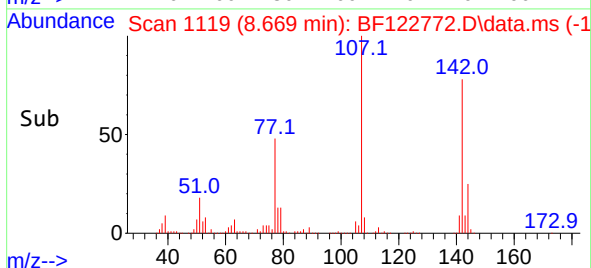
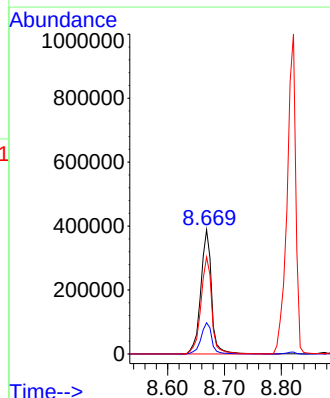
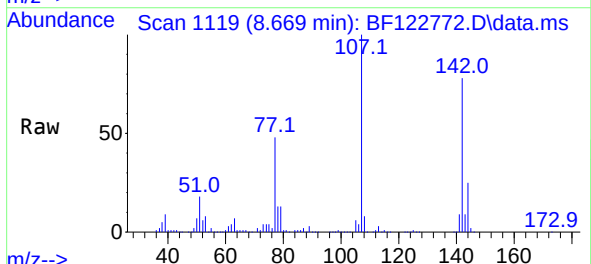
Manual Integrations  
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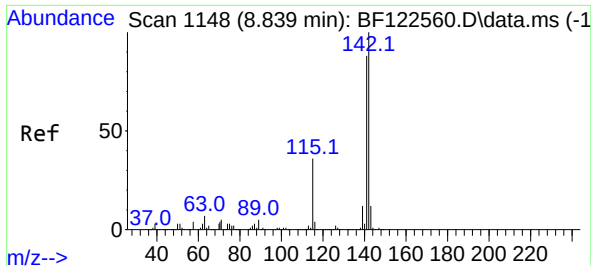
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#36  
4-Chloro-3-methylphenol  
Concen: 41.37 ng  
RT: 8.669 min Scan# 1119  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:107 Resp: 511530  
Ion Ratio Lower Upper  
107 100  
144 25.2 20.2 30.2  
142 78.0 64.4 96.6





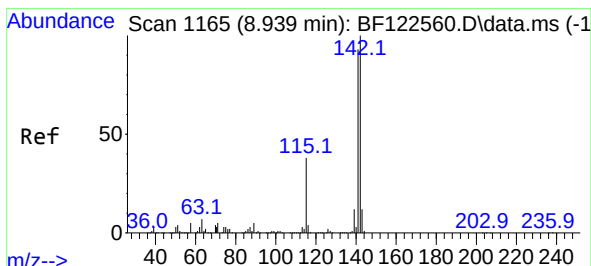
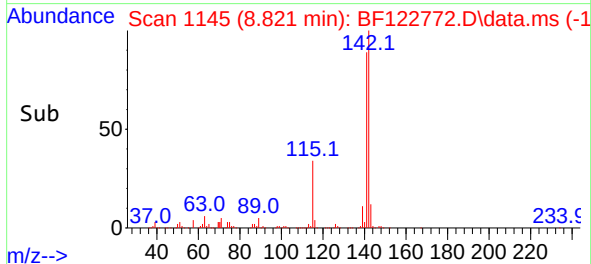
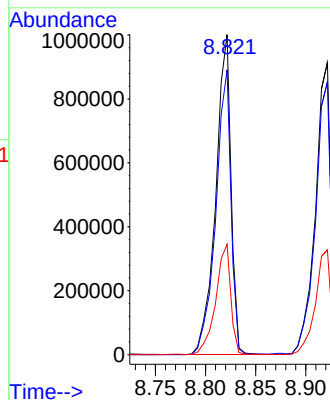
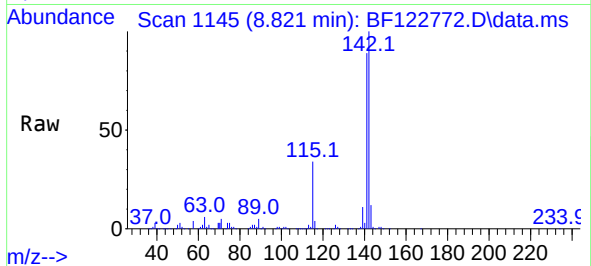
#37  
2-Methylnaphthalene  
Concen: 38.35 ng  
RT: 8.821 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:142 Resp: 1059940  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.6 106.0  
115 34.5 28.7 43.1

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

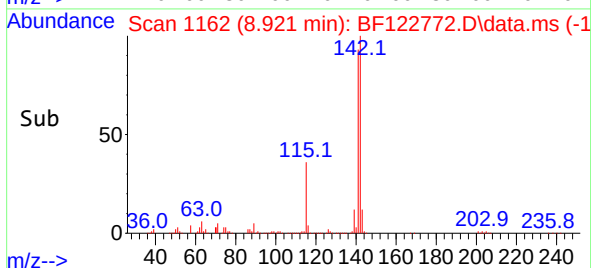
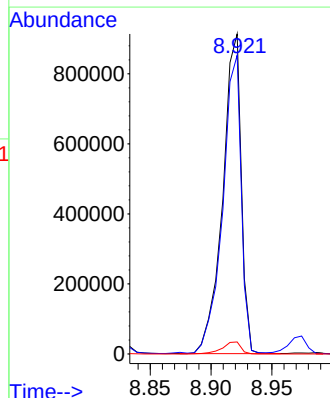
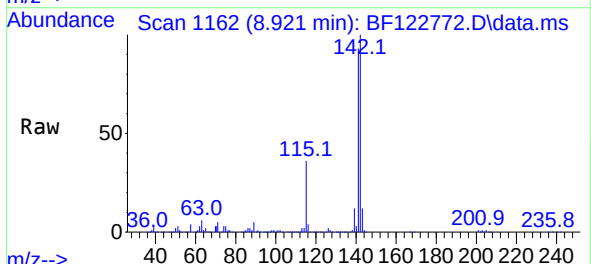
Manual Integrations  
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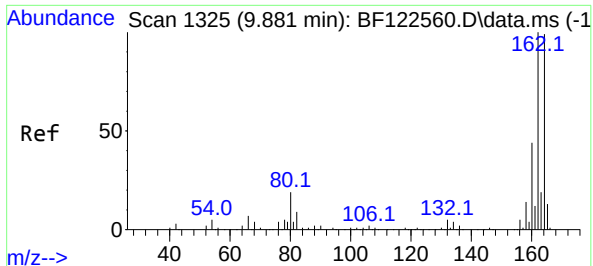
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 37.09 ng  
RT: 8.921 min Scan# 1162  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

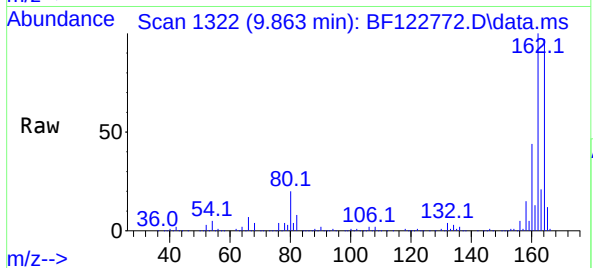
Tgt Ion:142 Resp: 969767  
Ion Ratio Lower Upper  
142 100  
141 93.4 74.5 111.7  
116 3.8 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

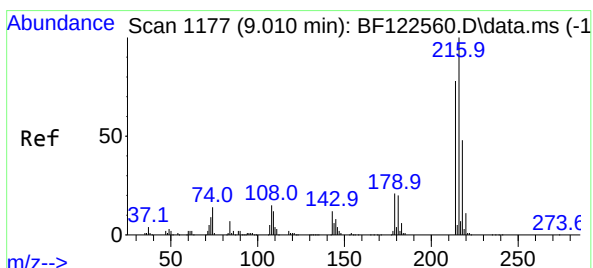
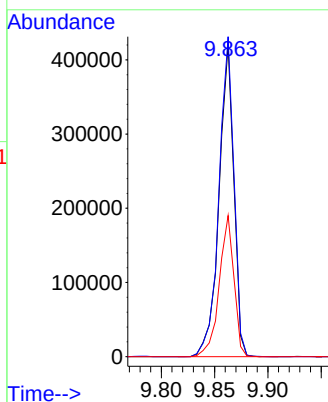
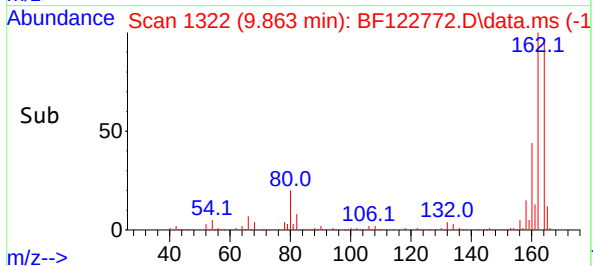
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



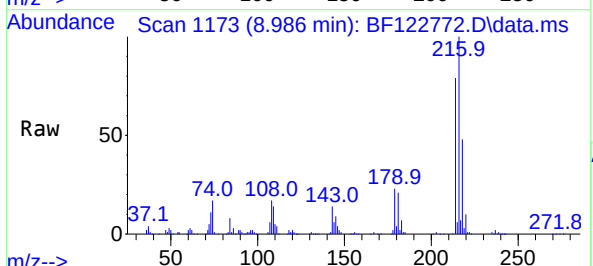
Tgt Ion:164 Resp: 405464  
Ion Ratio Lower Upper  
164 100  
162 102.7 80.8 121.2  
160 45.3 35.4 53.0

Manual Integrations  
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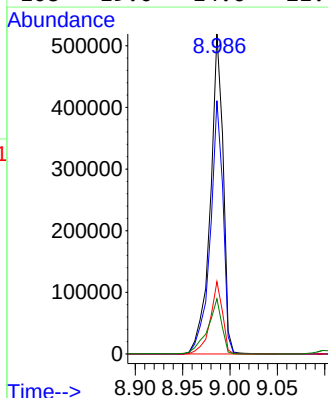
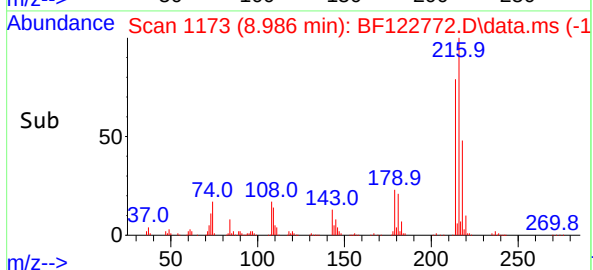
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12/18/2020 10:26:52 AM

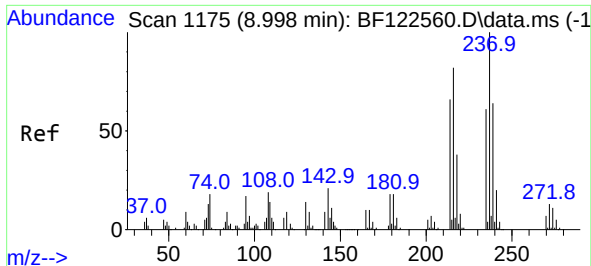


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.20 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion:216 Resp: 486204  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.1 94.7  
179 21.6 17.1 25.7  
108 19.0 14.6 21.8





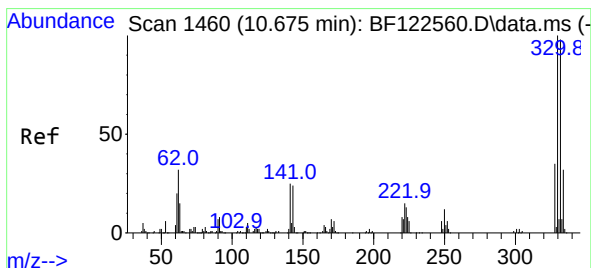
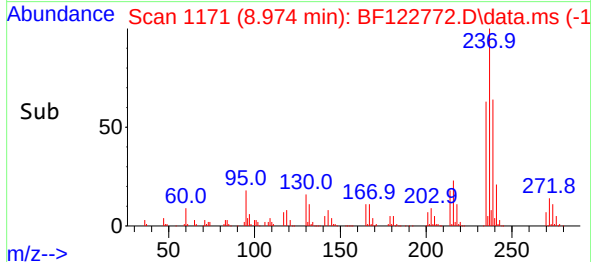
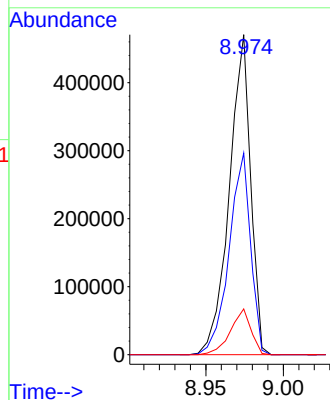
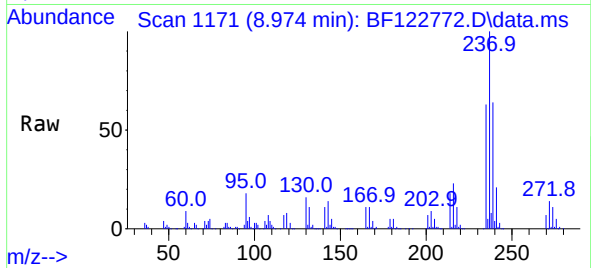
#41  
Hexachlorocyclopentadiene  
Concen: 75.80 ng  
RT: 8.974 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:237 Resp: 450112  
Ion Ratio Lower Upper  
237 100  
235 63.0 40.9 80.9  
272 14.3 0.0 33.4

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

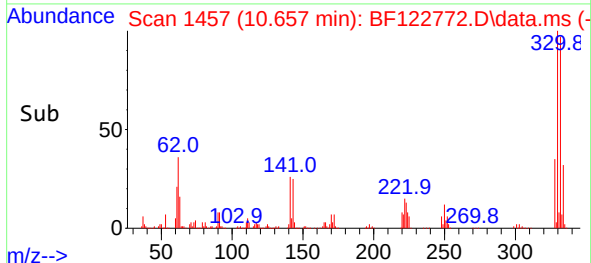
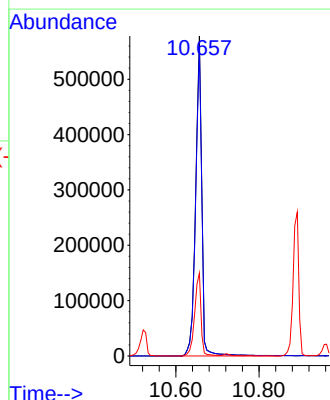
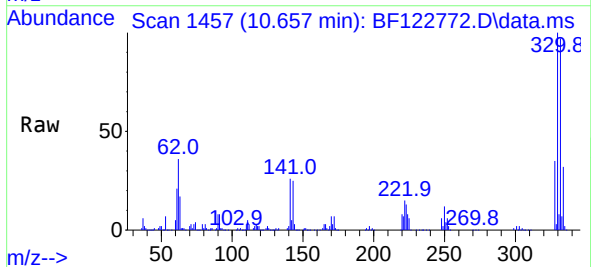
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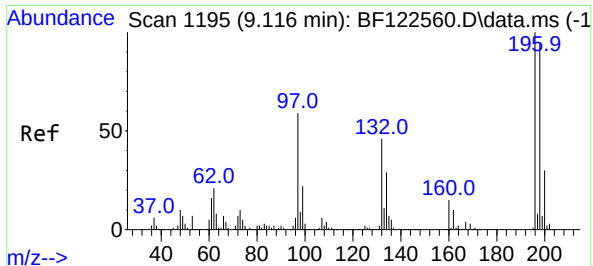


#42  
2,4,6-Tribromophenol  
Concen: 112.15 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

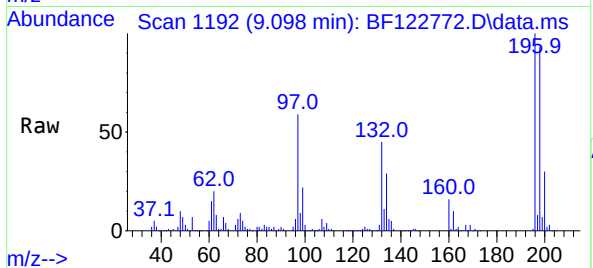
Tgt Ion:330 Resp: 595212  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.5 116.3  
141 26.8 23.8 35.8



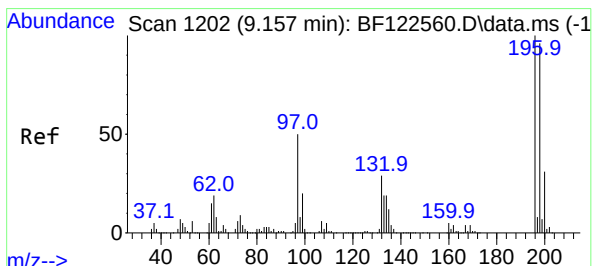
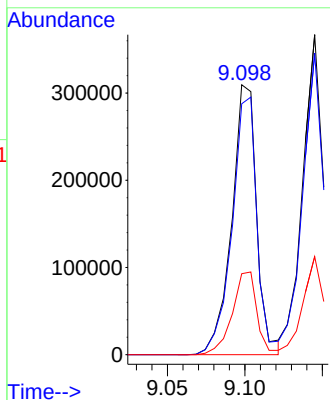
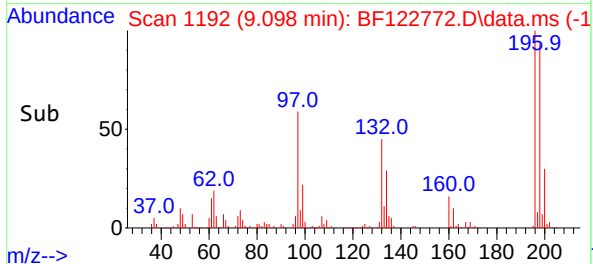




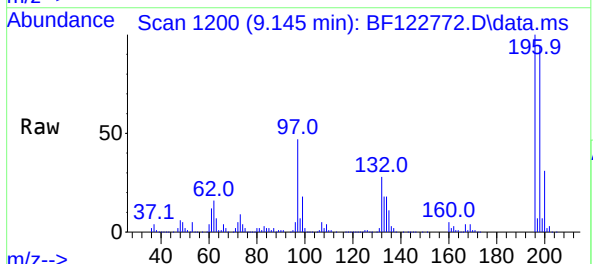
#43  
2,4,6-Trichlorophenol  
Concen: 37.36 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



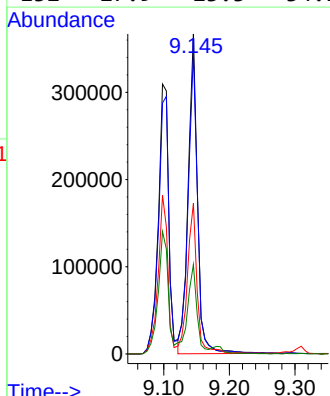
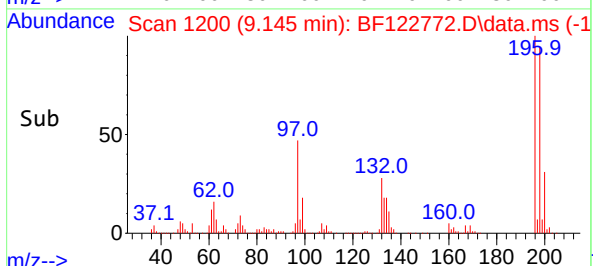
Tgt Ion:196 Resp: 346513  
Ion Ratio Lower Upper  
196 100  
198 92.9 75.1 112.7  
200 30.0 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 37.88 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



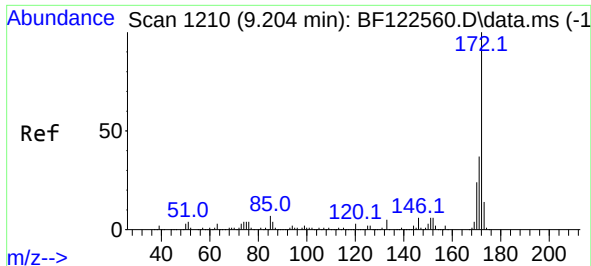
Tgt Ion:196 Resp: 363217  
Ion Ratio Lower Upper  
196 100  
198 94.2 76.5 114.7  
97 47.0 40.1 60.1  
132 27.9 23.3 34.9



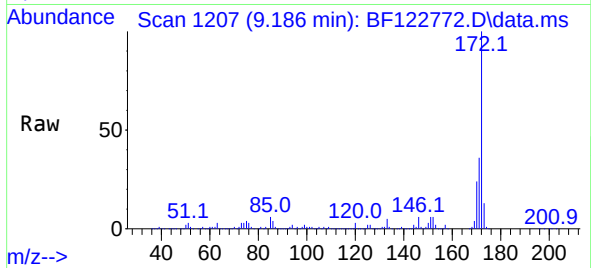
Instrument :  
BNA\_F  
ClientSampleId :  
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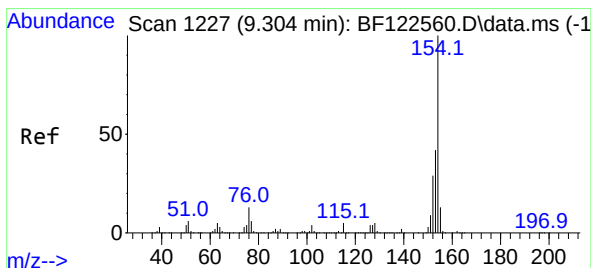
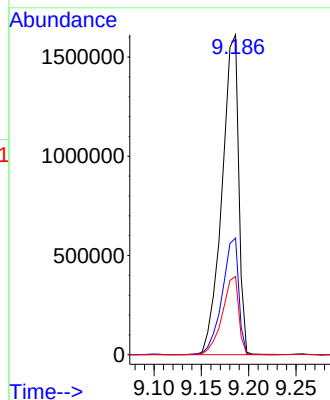
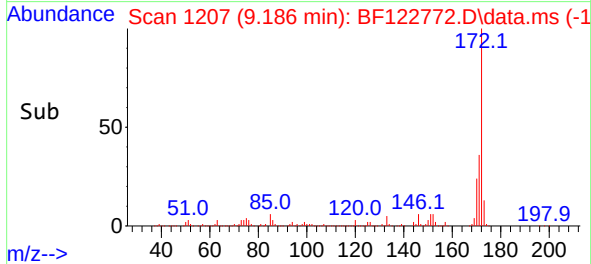
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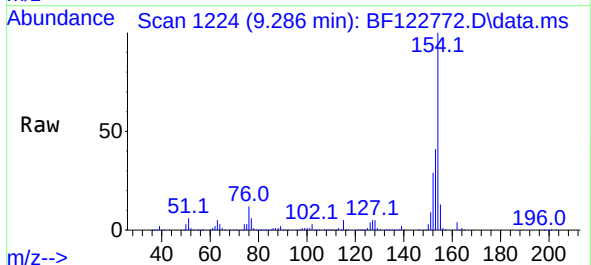
#45  
2-Fluorobiphenyl  
Concen: 66.13 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



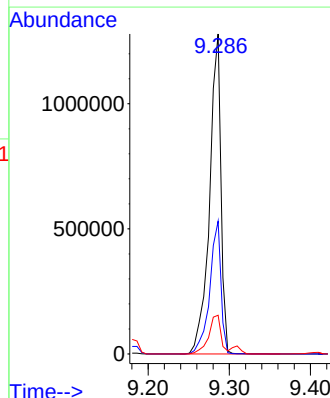
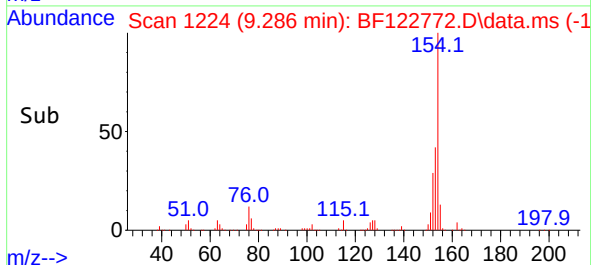
Tgt Ion:172 Resp: 1982376  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.4 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 36.98 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



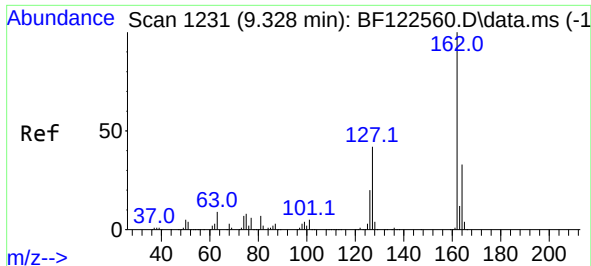
Tgt Ion:154 Resp: 1244346  
Ion Ratio Lower Upper  
154 100  
153 41.5 21.8 61.8  
76 12.1 0.0 33.4



Instrument :  
BNA\_F  
ClientSampleId :  
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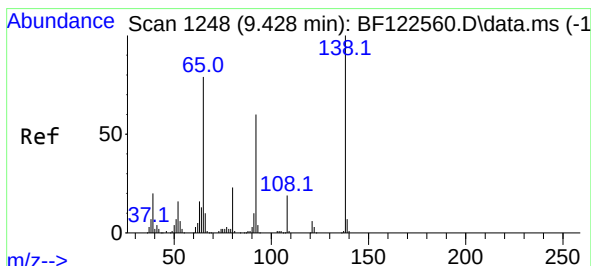
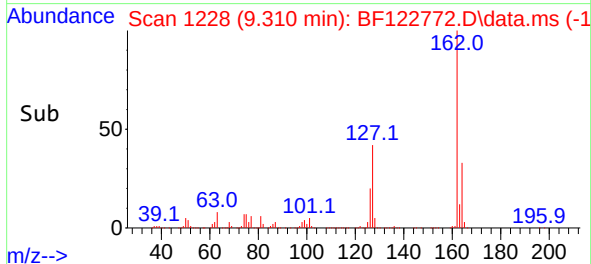
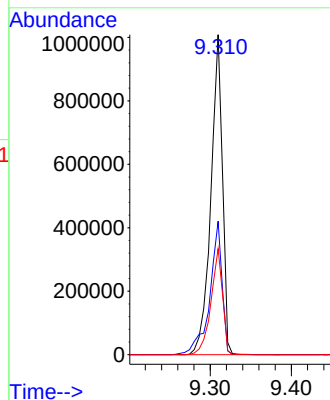
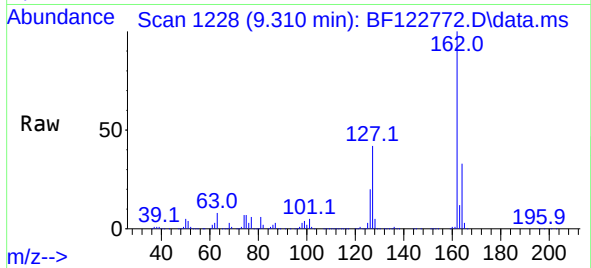
#47  
2-Chloronaphthalene  
Concen: 35.75 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 162 Resp: 996818  
Ion Ratio Lower Upper  
162 100  
127 41.7 33.8 50.8  
164 33.2 26.5 39.7

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

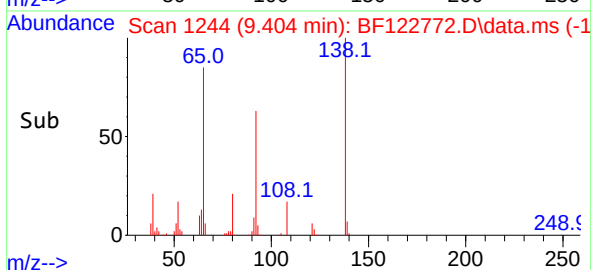
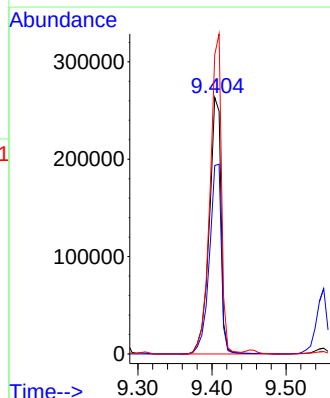
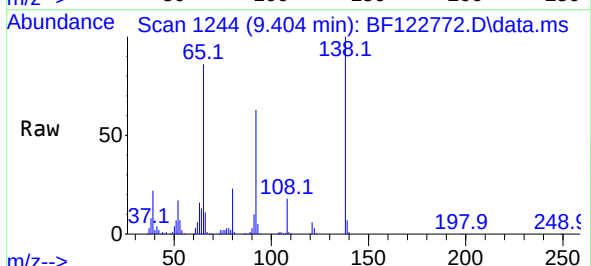
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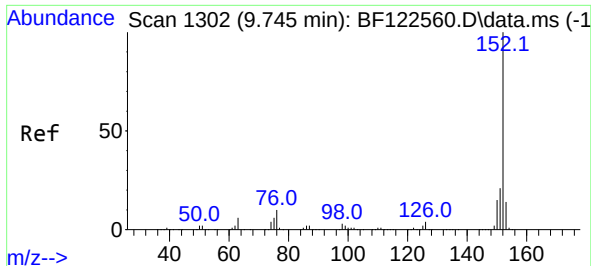
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#48  
2-Nitroaniline  
Concen: 35.75 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion: 65 Resp: 290596  
Ion Ratio Lower Upper  
65 100  
92 73.5 60.0 90.0  
138 116.7 100.6 151.0





#49

Acenaphthylene

Concen: 37.41 ng

RT: 9.727 min Scan# 1299

Delta R.T. 0.005 min

Lab File: BF122772.D

Acq: 17 Dec 2020 19:09

Tgt Ion:152 Resp: 1540634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.5  | 16.6  | 25.0  |
| 153 | 13.0  | 10.9  | 16.3  |

Instrument :

BNA\_F

ClientSampleId :

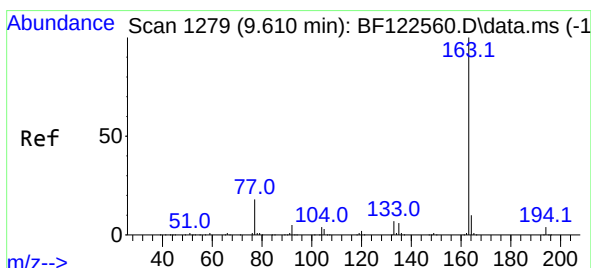
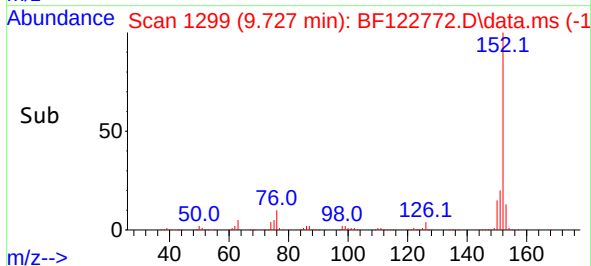
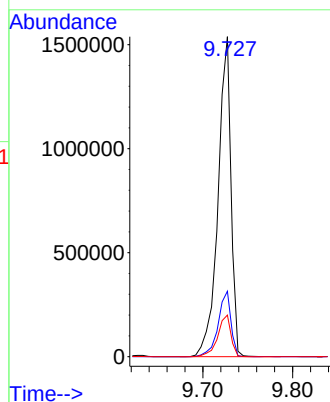
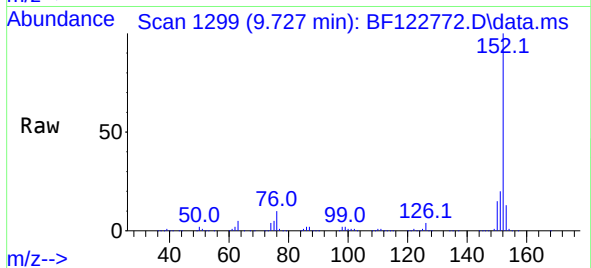
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#50

Dimethylphthalate

Concen: 44.00 ng

RT: 9.592 min Scan# 1276

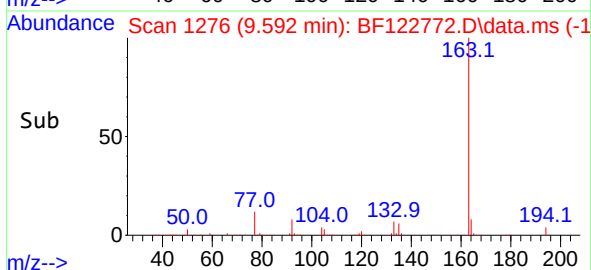
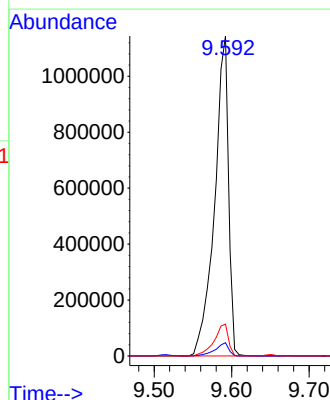
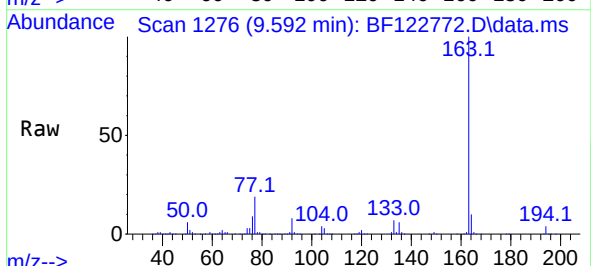
Delta R.T. 0.005 min

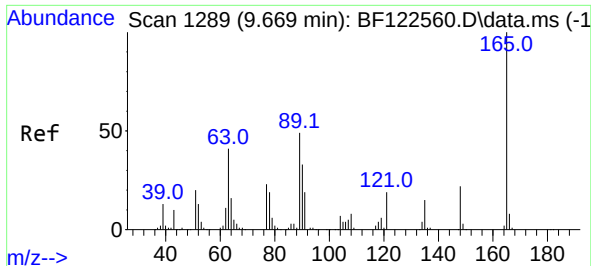
Lab File: BF122772.D

Acq: 17 Dec 2020 19:09

Tgt Ion:163 Resp: 1424828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.4   | 5.0   |
| 164 | 9.9   | 8.1   | 12.1  |





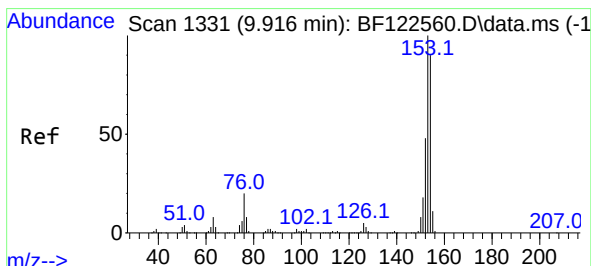
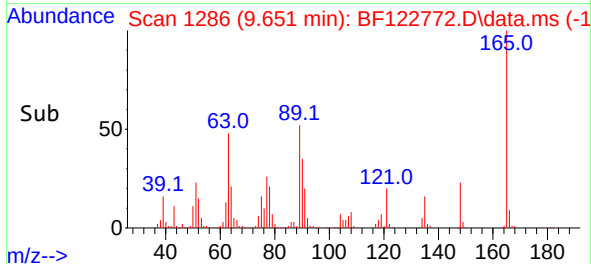
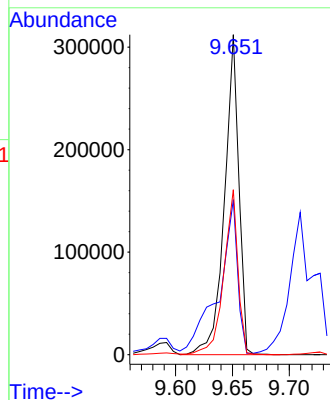
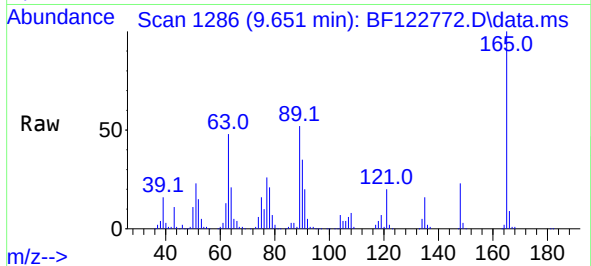
#51  
2,6-Dinitrotoluene  
Concen: 40.29 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:165 Resp: 275565  
Ion Ratio Lower Upper  
165 100  
63 48.4 36.6 55.0  
89 51.5 39.4 59.0

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

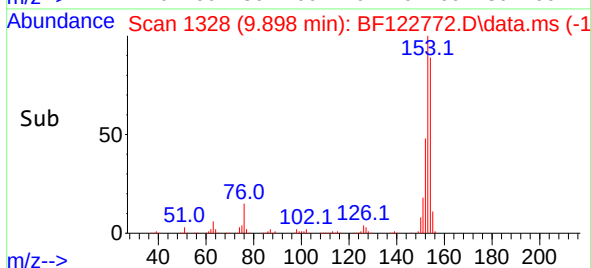
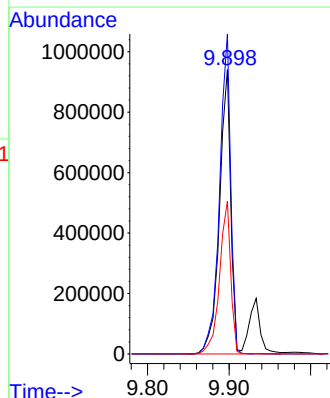
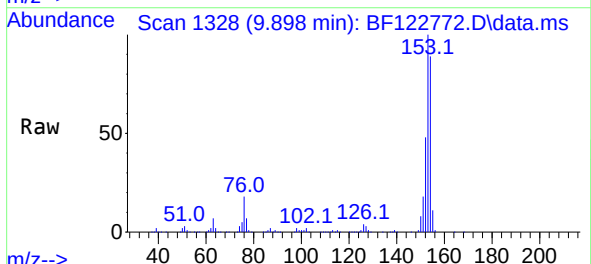
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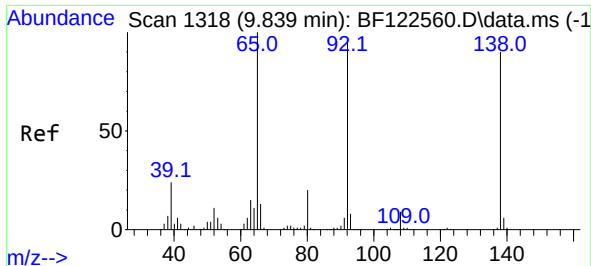
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#52  
Acenaphthene  
Concen: 40.24 ng m  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:154 Resp: 1072137  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.0 133.6  
152 53.8 42.7 64.1





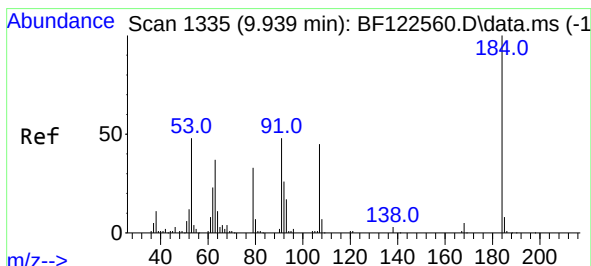
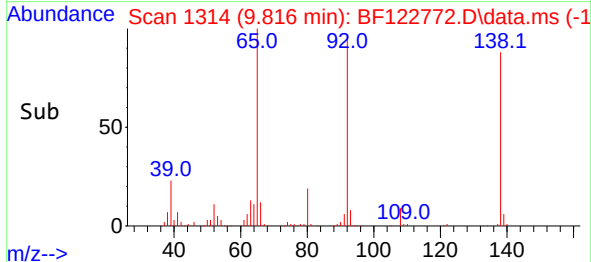
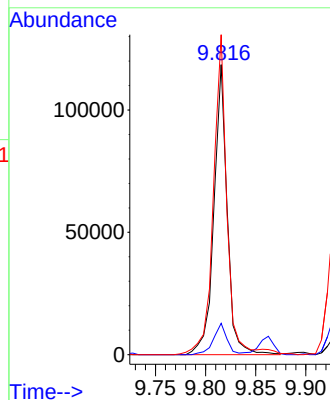
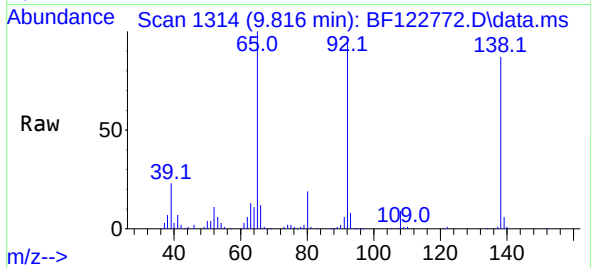
#53  
3-Nitroaniline  
Concen: 13.86 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:138 Resp: 109529  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.2 12.2  
92 110.3 85.4 128.2

Instrument :  
BNA\_F  
ClientSampleId :  
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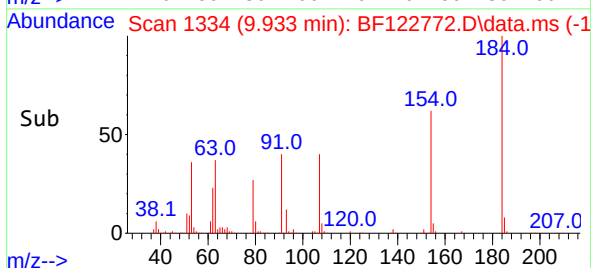
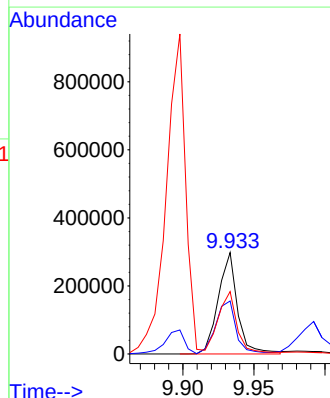
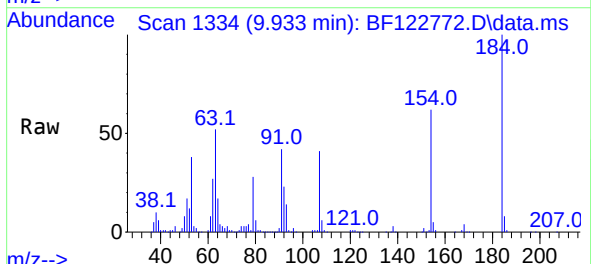
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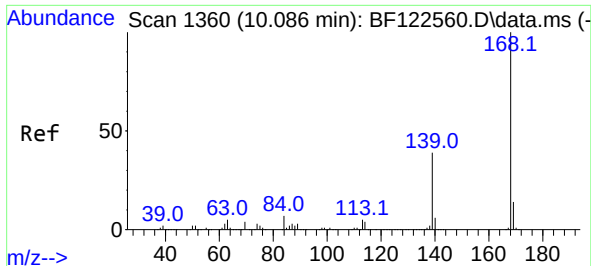
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#54  
2,4-Dinitrophenol  
Concen: 84.14 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

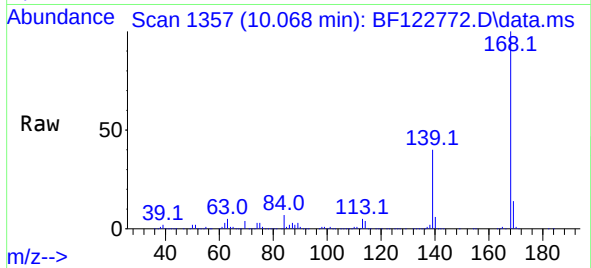
Tgt Ion:184 Resp: 281341  
Ion Ratio Lower Upper  
184 100  
63 52.2 51.4 77.2  
154 61.6 49.7 74.5





#55  
Dibenzenofuran  
Concen: 36.63 ng  
RT: 10.068 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

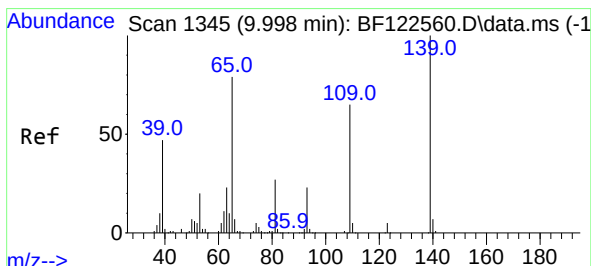
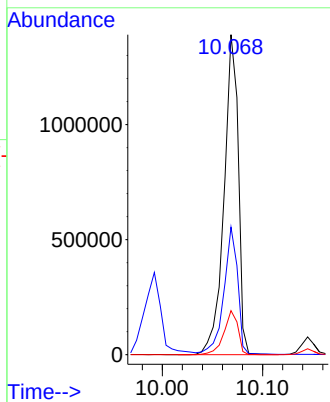
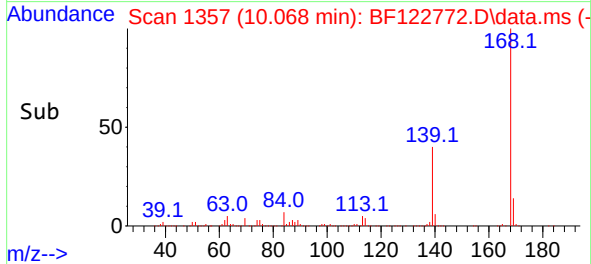
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



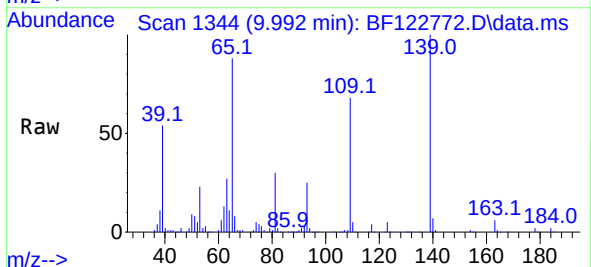
Tgt Ion:168 Resp: 1372935  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.3 46.9  
169 13.8 11.2 16.8

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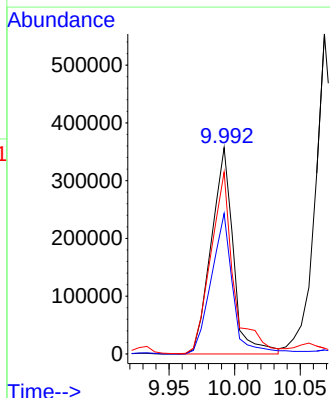
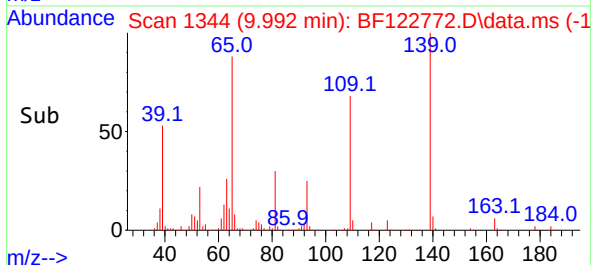
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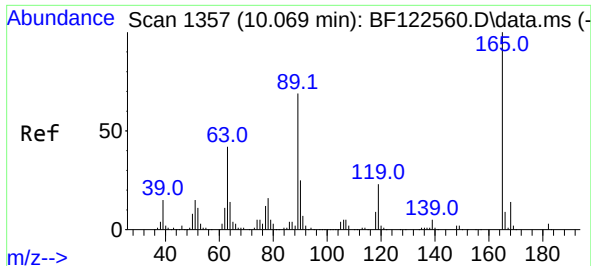


#56  
4-Nitrophenol  
Concen: 74.07 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.017 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

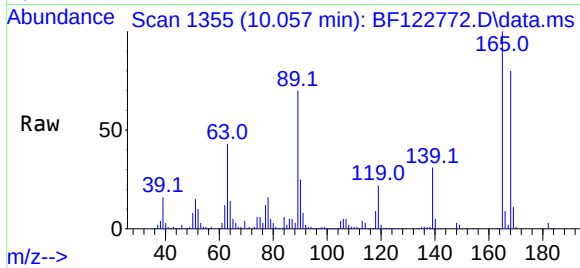


Tgt Ion:139 Resp: 417405  
Ion Ratio Lower Upper  
139 100  
109 68.1 45.1 85.1  
65 88.2 59.2 99.2

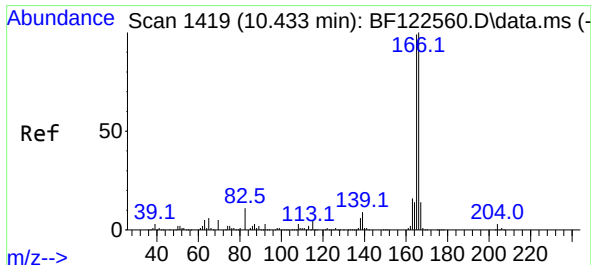
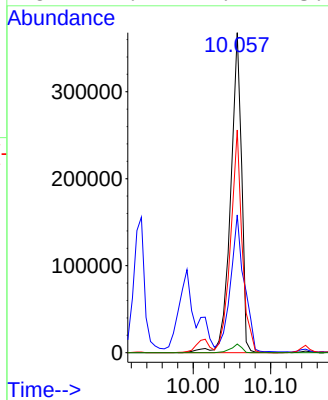
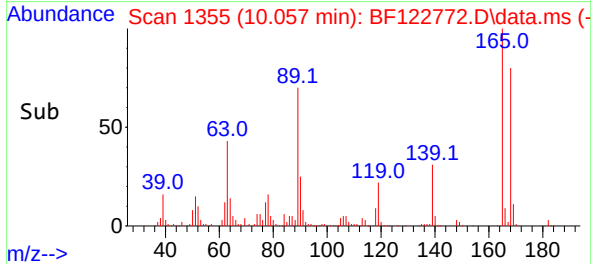




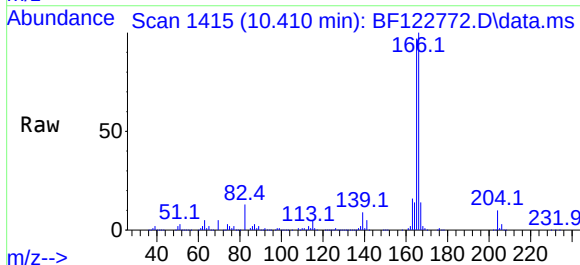
#57  
2,4-Dinitrotoluene  
Concen: 39.79 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
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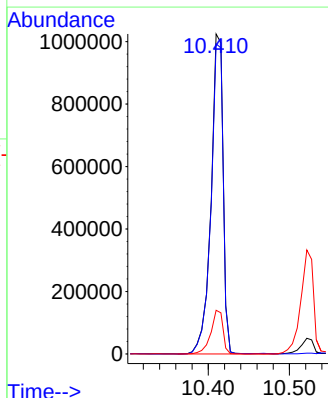
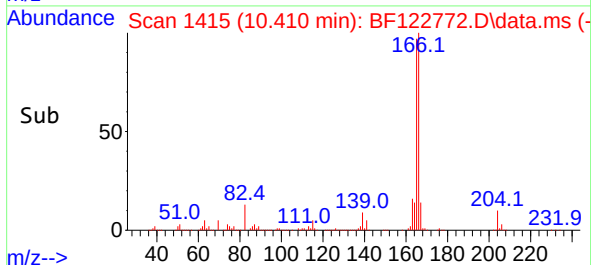
Tgt Ion:165 Resp: 362504  
Ion Ratio Lower Upper  
165 100  
63 43.1 34.3 51.5  
89 69.6 55.2 82.8  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 35.42 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion:166 Resp: 1055753  
Ion Ratio Lower Upper  
166 100  
165 96.9 79.4 119.0  
167 13.7 10.9 16.3

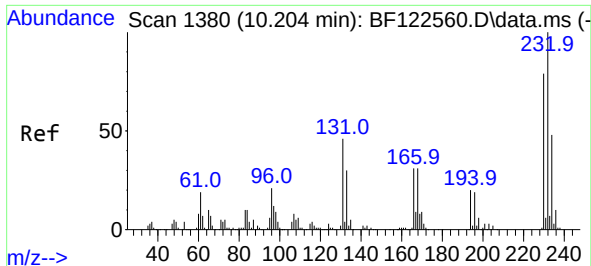


Instrument :  
BNA\_F  
ClientSampleId :  
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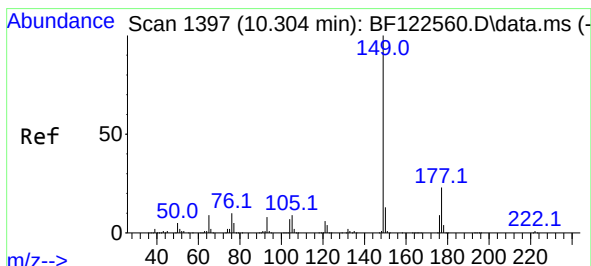
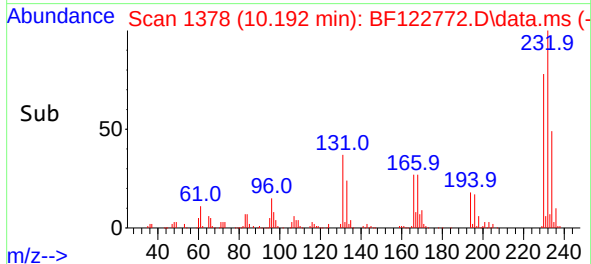
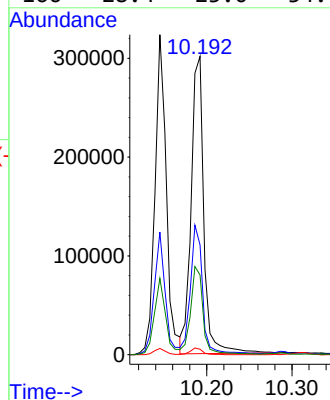
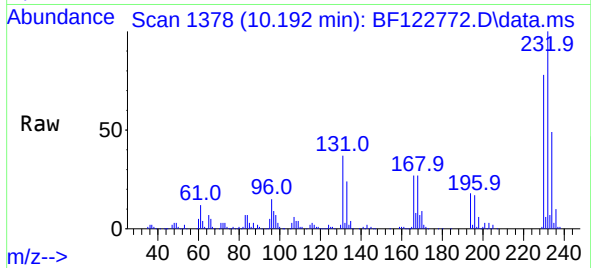
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.89 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 310723 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 41.1  | 33.0  | 49.4   |
| 130       | 2.2   | 1.7   | 2.5    |
| 166       | 28.4  | 23.0  | 34.4   |

Instrument :  
BNA\_F  
ClientSampleId :  
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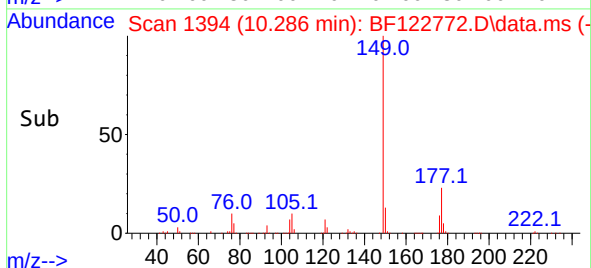
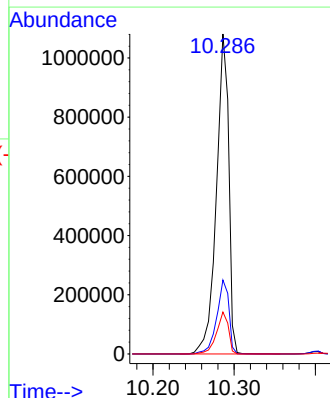
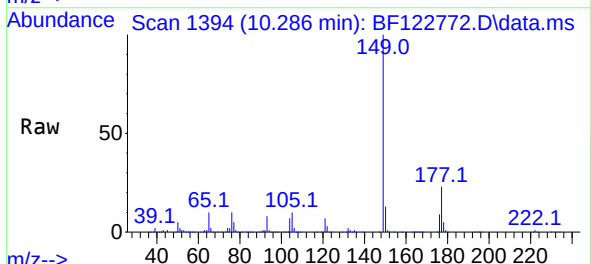
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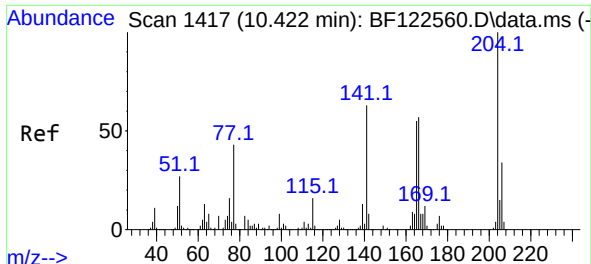
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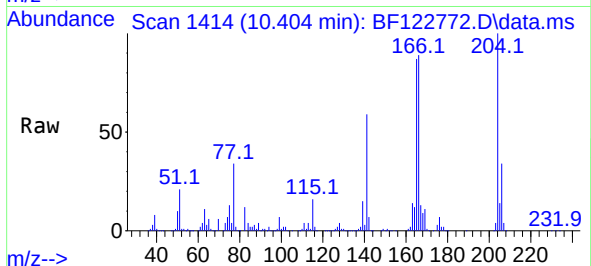
#60  
Diethylphthalate  
Concen: 36.17 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. 0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1139358 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 23.1  | 18.2  | 27.4    |
| 150       | 13.1  | 10.1  | 15.1    |

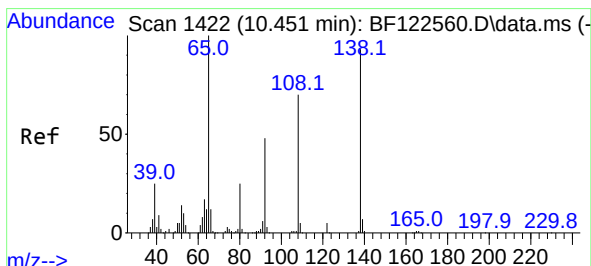
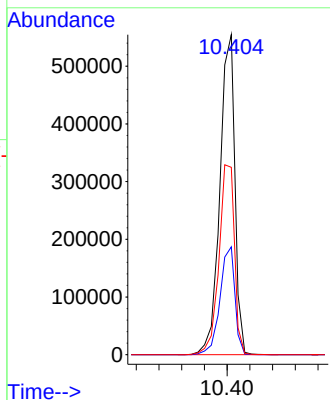
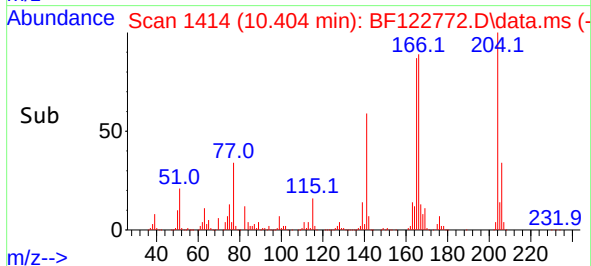




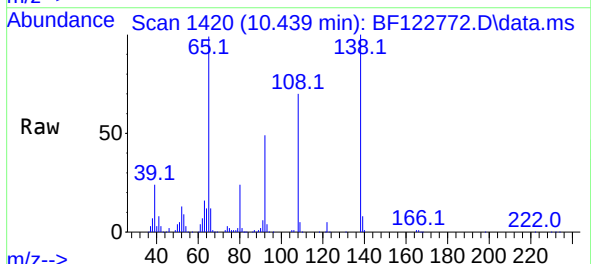
#61  
4-Chlorophenyl-phenylether  
Concen: 34.79 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



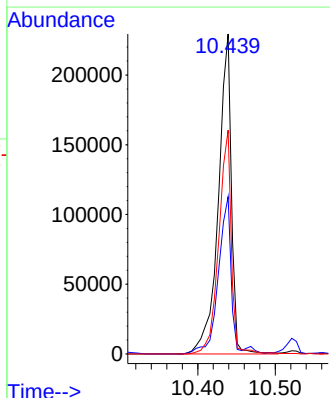
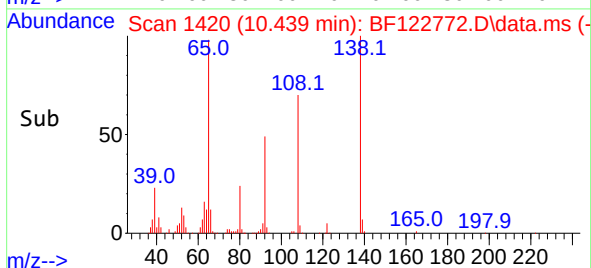
Tgt Ion:204 Resp: 510609  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.0 40.4  
141 58.6 50.4 75.6



#62  
4-Nitroaniline  
Concen: 33.61 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.011 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



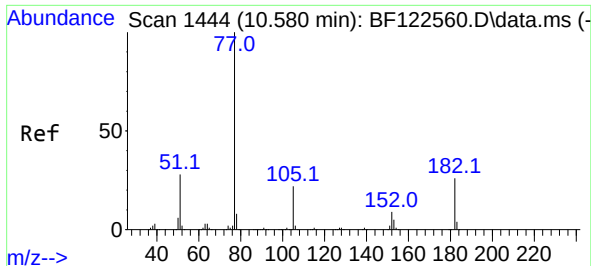
Tgt Ion:138 Resp: 269576  
Ion Ratio Lower Upper  
138 100  
92 49.1 31.0 71.0  
108 69.9 54.8 94.8



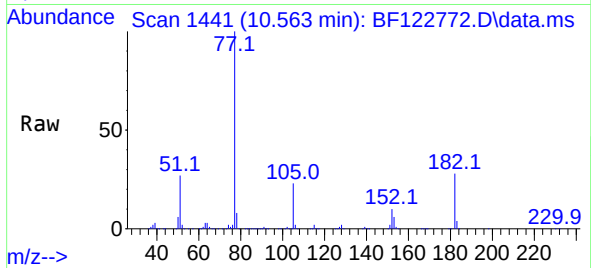
Instrument :  
BNA\_F  
ClientSampleId :  
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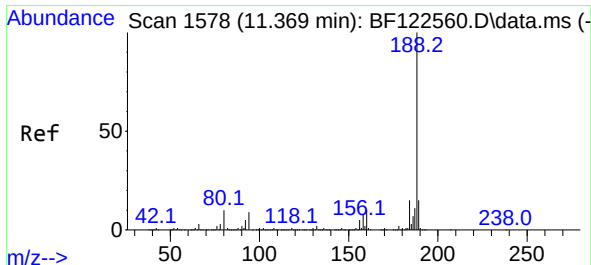
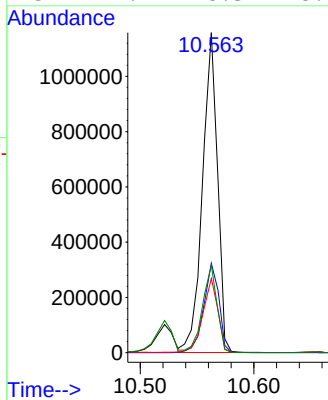
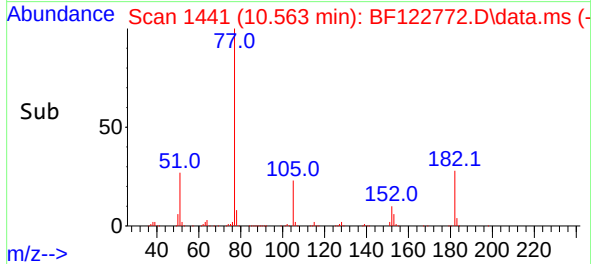
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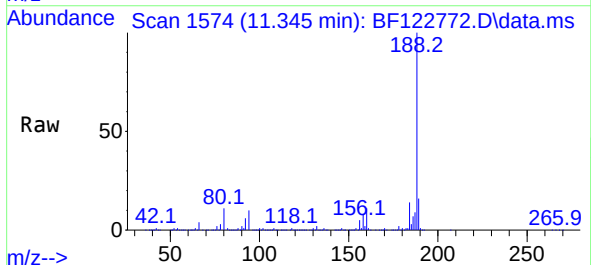
#63  
Azobenzene  
Concen: 36.55 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



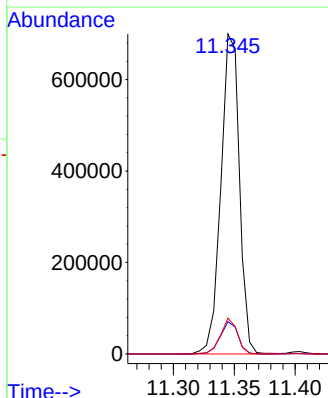
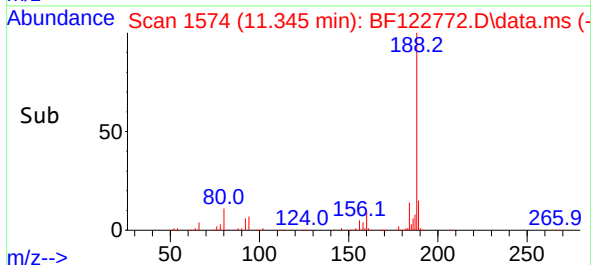
Tgt Ion: 77 Resp: 1058059  
Ion Ratio Lower Upper  
77 100  
182 28.0 5.6 45.6  
105 23.2 1.8 41.8  
51 27.4 8.3 48.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



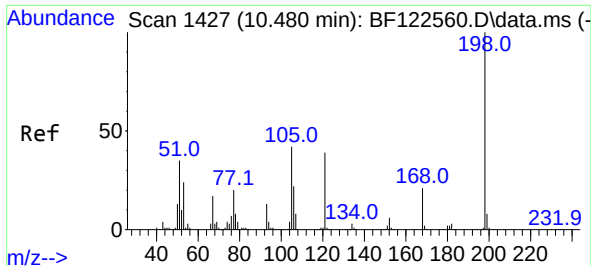
Tgt Ion: 188 Resp: 740556  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.4 11.2  
80 11.2 8.2 12.4



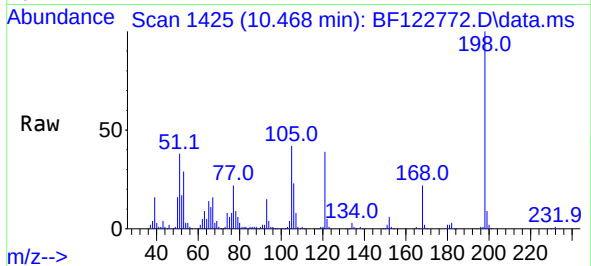
Instrument :  
BNA\_F  
ClientSampleId :  
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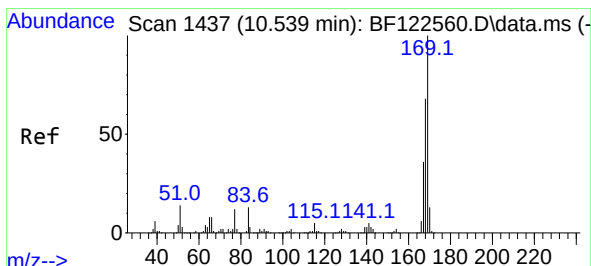
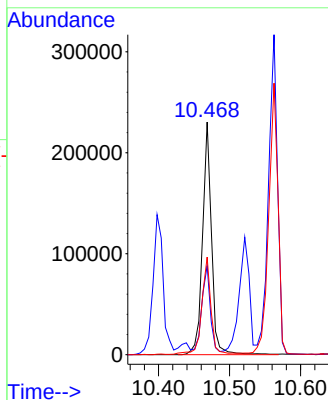
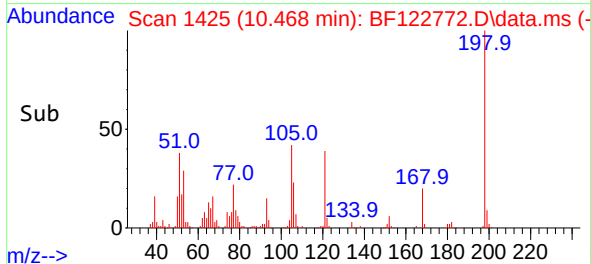
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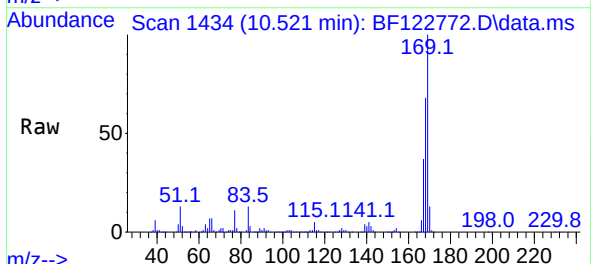
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.36 ng  
RT: 10.468 min Scan# 1425  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



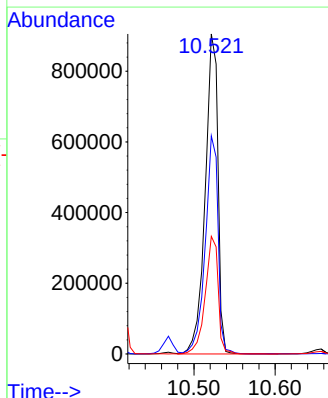
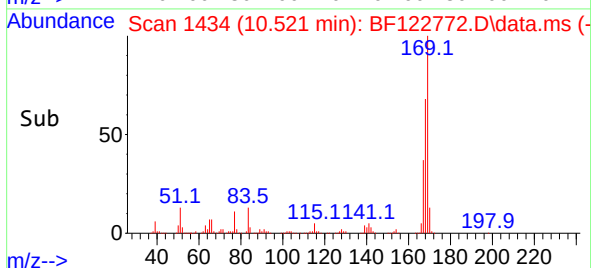
Tgt Ion:198 Resp: 204829  
Ion Ratio Lower Upper  
198 100  
51 38.3 20.3 60.3  
105 41.9 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 37.63 ng  
RT: 10.521 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



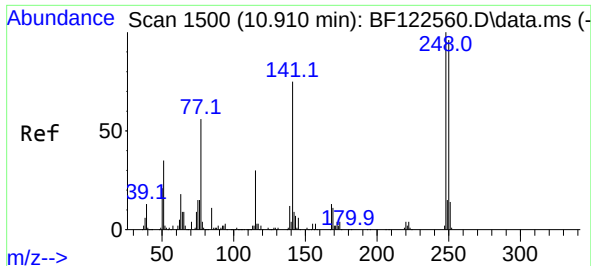
Tgt Ion:169 Resp: 984625  
Ion Ratio Lower Upper  
169 100  
168 68.2 54.2 81.2  
167 36.8 29.2 43.8



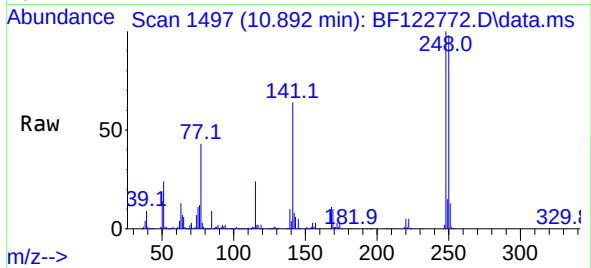
Instrument :  
BNA\_F  
ClientSampleId :  
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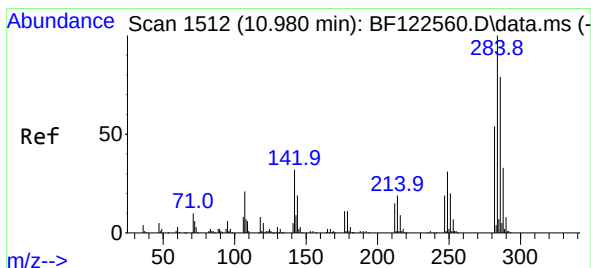
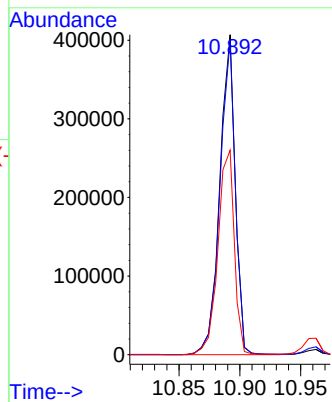
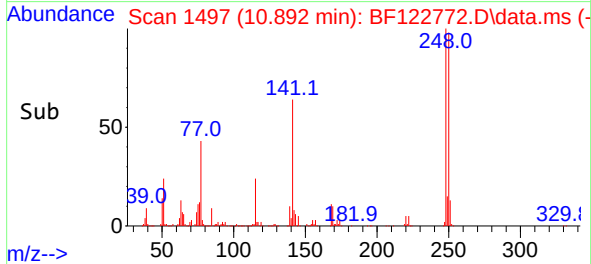
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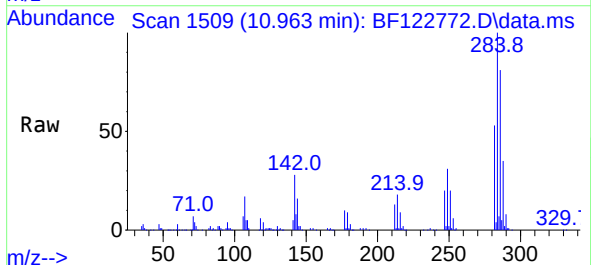
#67  
4-Bromophenyl-phenylether  
Concen: 35.89 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



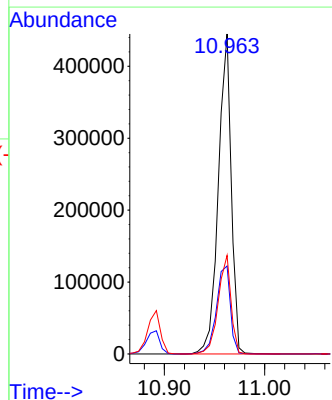
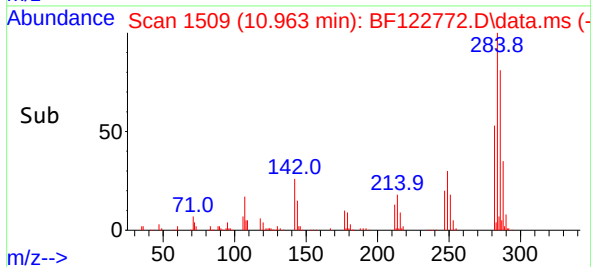
Tgt Ion:248 Resp: 360158  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.8 115.2  
141 63.9 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 35.77 ng  
RT: 10.963 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



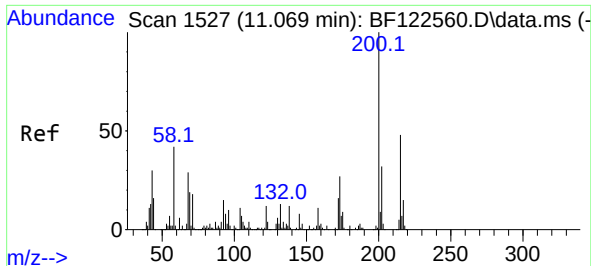
Tgt Ion:284 Resp: 396823  
Ion Ratio Lower Upper  
284 100  
142 27.5 25.6 38.4  
249 30.8 25.1 37.7



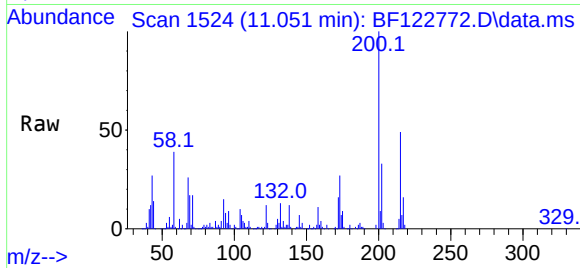
Instrument :  
BNA\_F  
ClientSampleId :  
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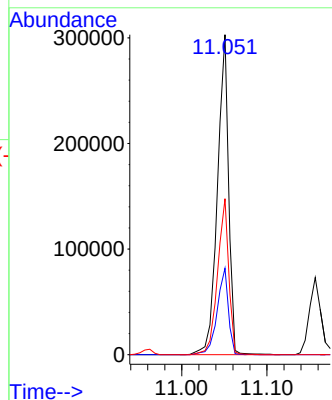
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#69  
Atrazine  
Concen: 32.68 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



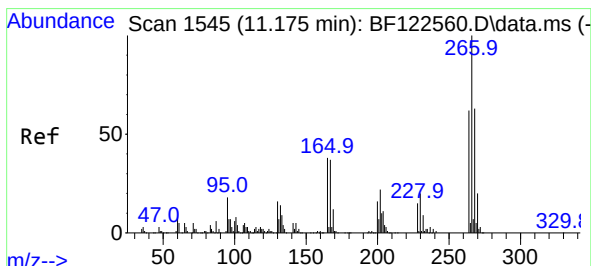
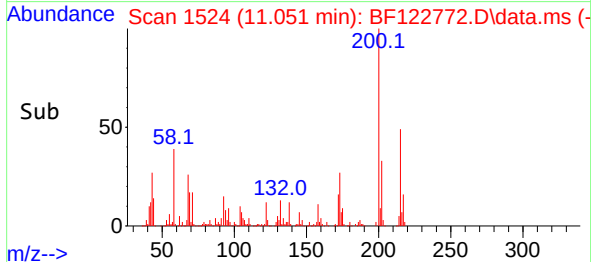
Tgt Ion:200 Resp: 277743  
Ion Ratio Lower Upper  
200 100  
173 27.0 6.6 46.6  
215 48.8 28.1 68.1



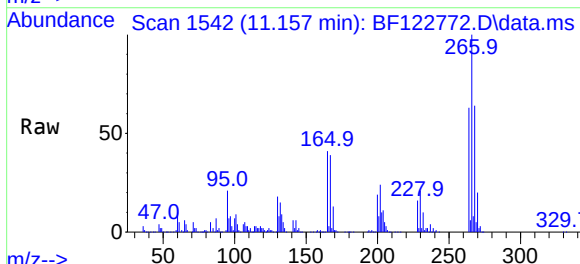
Instrument :  
BNA\_F  
ClientSampleId :  
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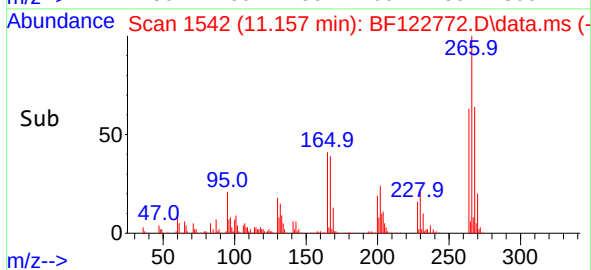
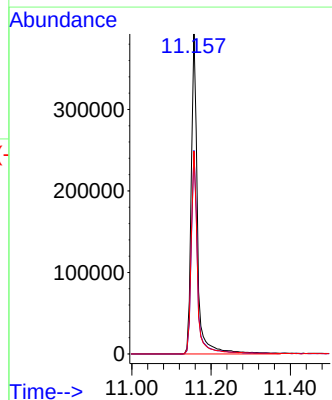
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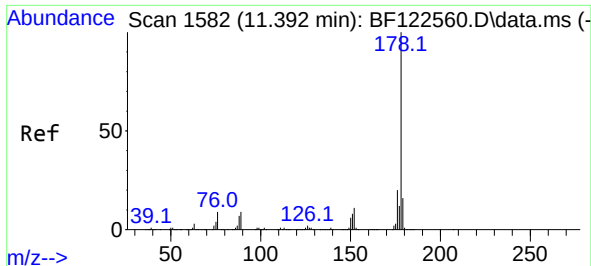


#70  
Pentachlorophenol  
Concen: 73.85 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



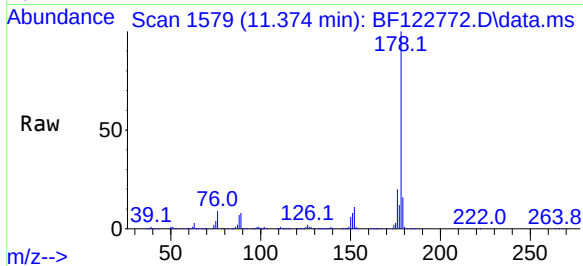
Tgt Ion:266 Resp: 434078  
Ion Ratio Lower Upper  
266 100  
268 63.6 50.5 75.7  
264 63.4 49.8 74.8





#71  
Phenanthrene  
Concen: 36.00 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

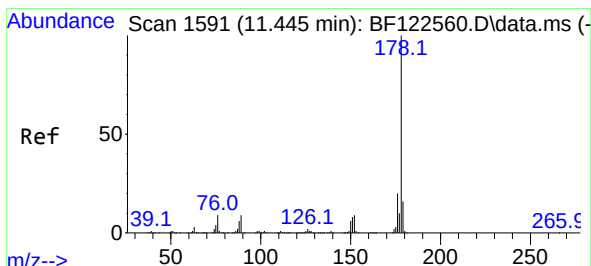
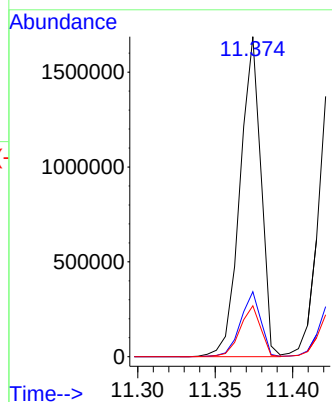
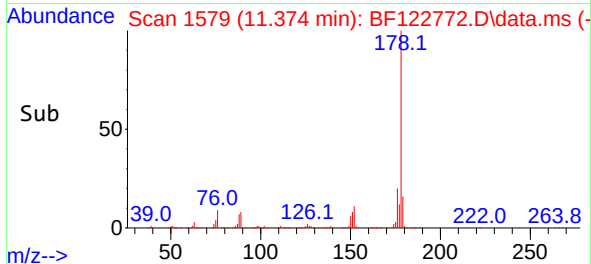
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BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



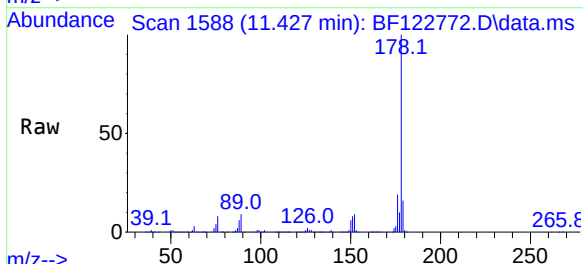
Tgt Ion:178 Resp: 1584314  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.2  
179 15.9 12.7 19.1

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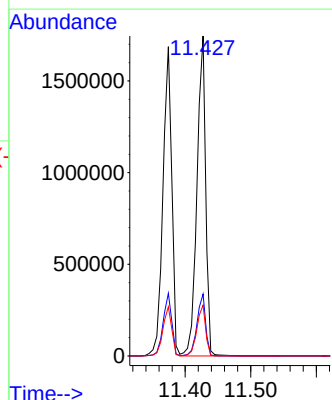
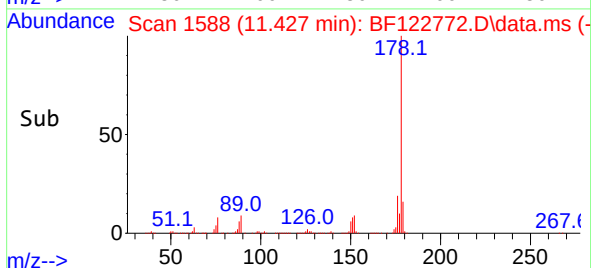
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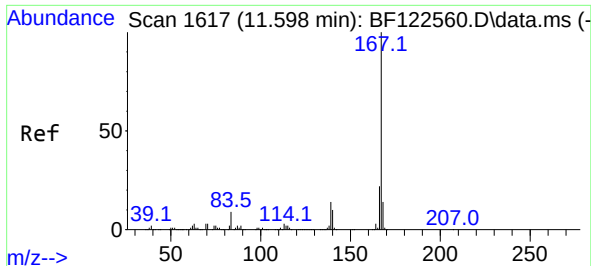


#72  
Anthracene  
Concen: 37.09 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

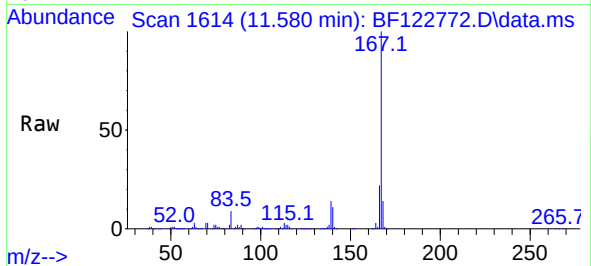


Tgt Ion:178 Resp: 1618502  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 15.9 12.8 19.2



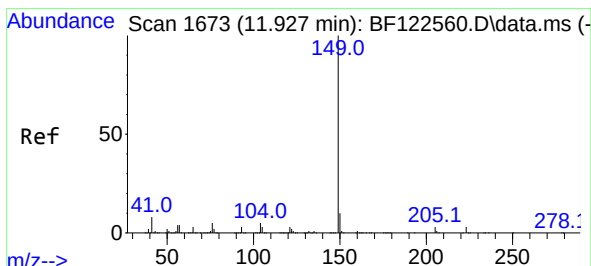
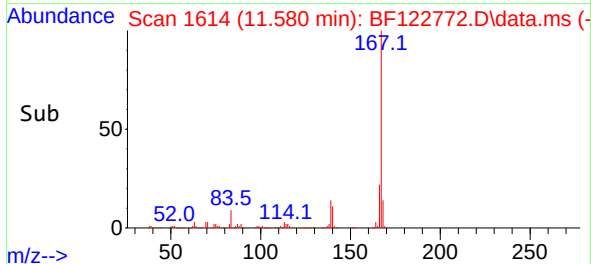
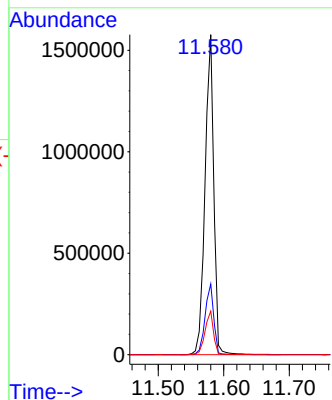


#73  
 Carbazole  
 Concen: 37.12 ng  
 RT: 11.580 min Scan# 1614  
 Delta R.T. 0.005 min  
 Lab File: BF122772.D  
 Acq: 17 Dec 2020 19:09

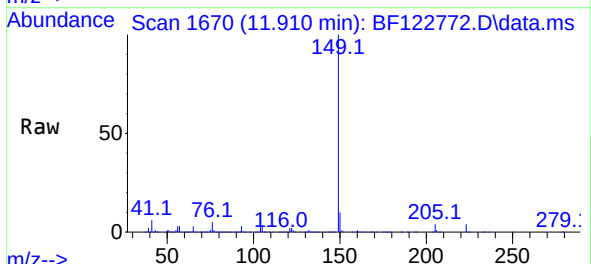


Tgt Ion:167 Resp: 1469233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 18.0  | 27.0  |
| 139 | 13.6  | 10.9  | 16.3  |

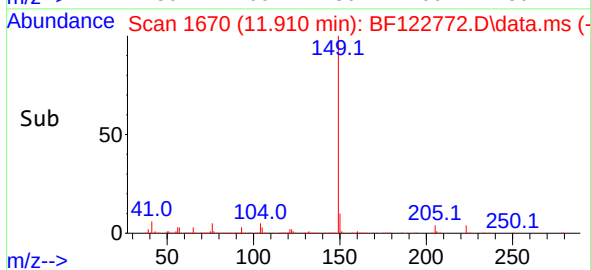
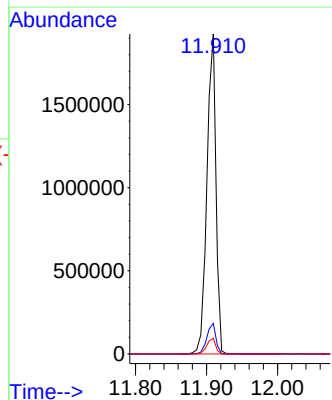


#74  
 Di-n-butylphthalate  
 Concen: 34.30 ng  
 RT: 11.910 min Scan# 1670  
 Delta R.T. -0.000 min  
 Lab File: BF122772.D  
 Acq: 17 Dec 2020 19:09



Tgt Ion:149 Resp: 1705895

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.8   | 11.6  |
| 104 | 4.8   | 4.2   | 6.4   |

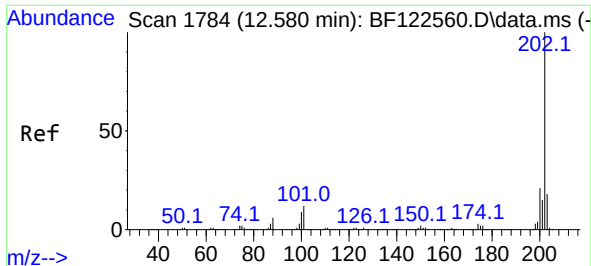


Instrument :  
 BNA\_F  
 ClientSampleId :  
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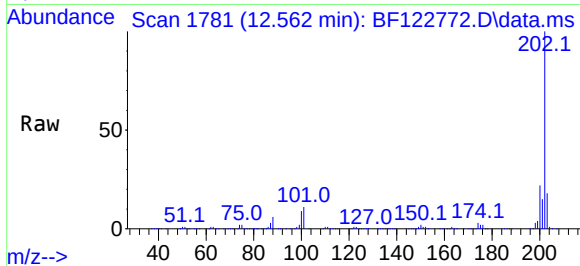
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#75  
Fluoranthene  
Concen: 35.99 ng  
RT: 12.562 min Scan# 1781  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

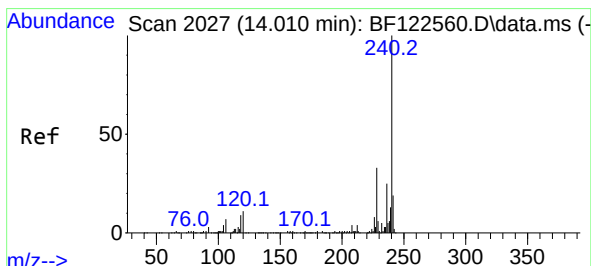
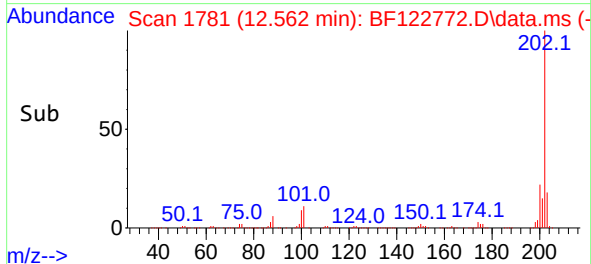
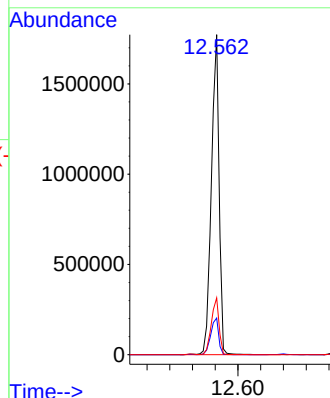
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:202 Resp: 1661036  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 32.2  
203 17.7 0.0 38.1

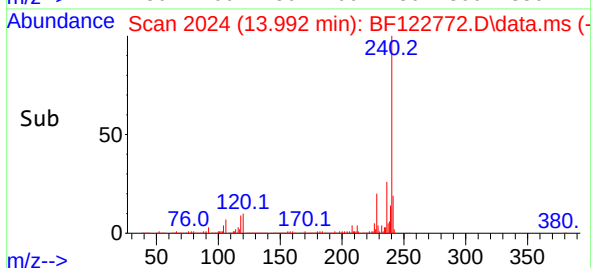
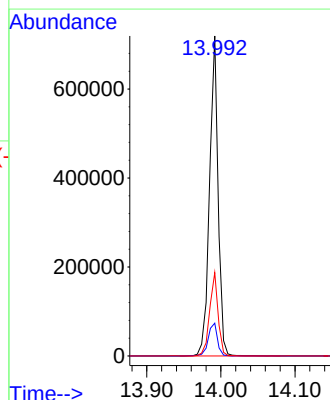
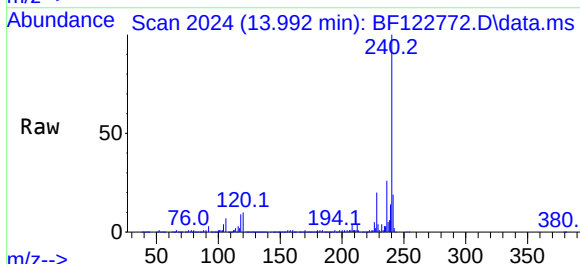
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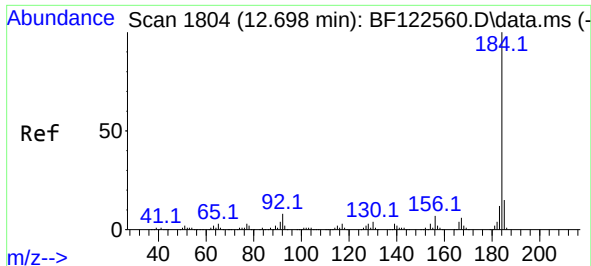
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:240 Resp: 579689  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.6 12.8  
236 26.1 20.3 30.5





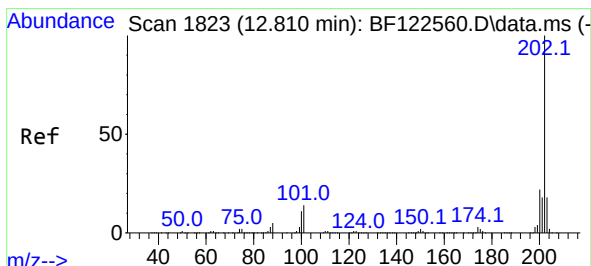
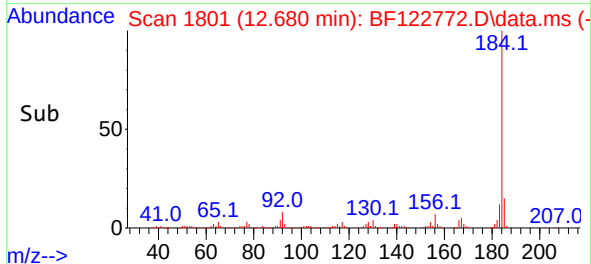
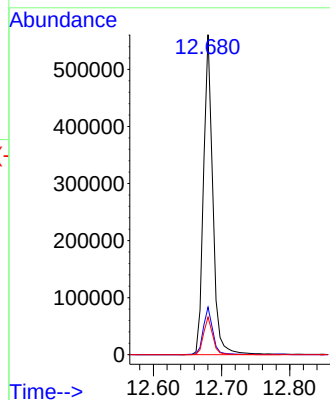
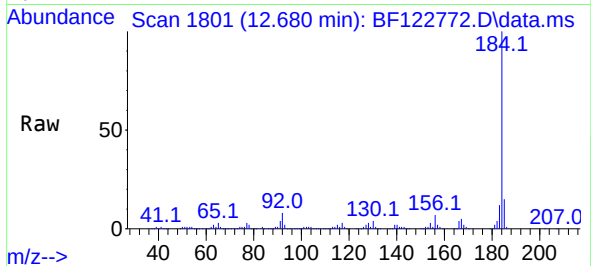
#77  
Benzidine  
Concen: 42.41 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 531772 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 14.8  | 11.8  | 17.6   |
| 183      | 11.8  | 9.7   | 14.5   |

Instrument :  
BNA\_F  
ClientSampleId :  
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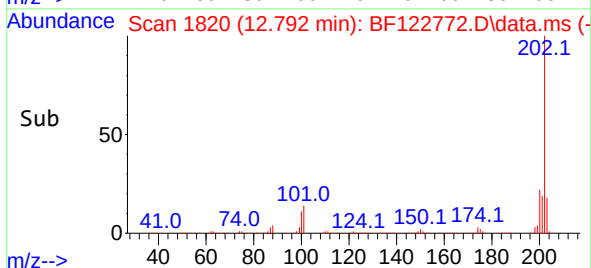
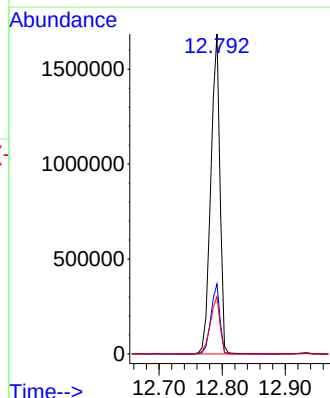
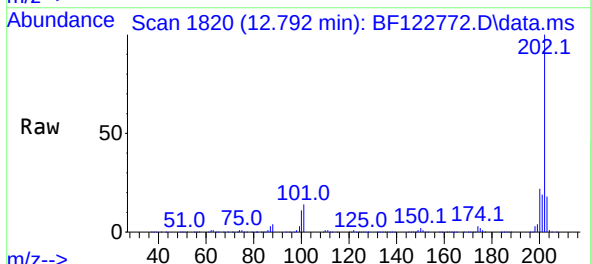
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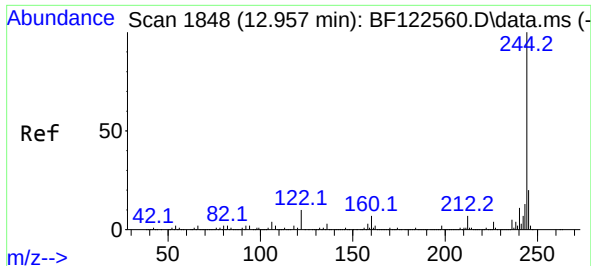
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#78  
Pyrene  
Concen: 37.70 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

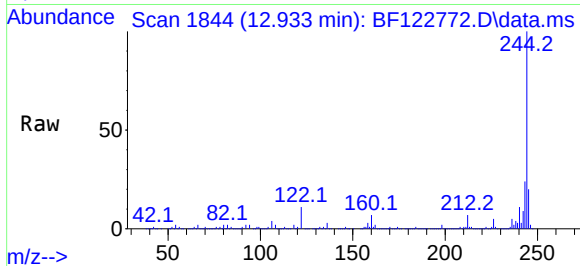
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1689827 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 21.9  | 17.6  | 26.4    |
| 203      | 17.9  | 14.6  | 21.8    |





#79  
Terphenyl-d14  
Concen: 63.12 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

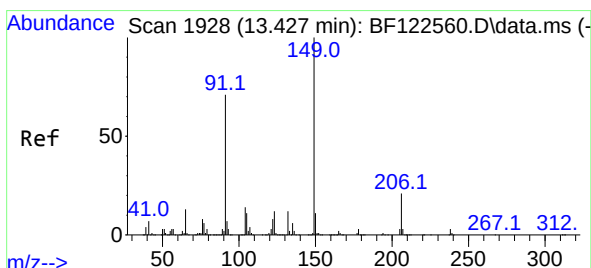
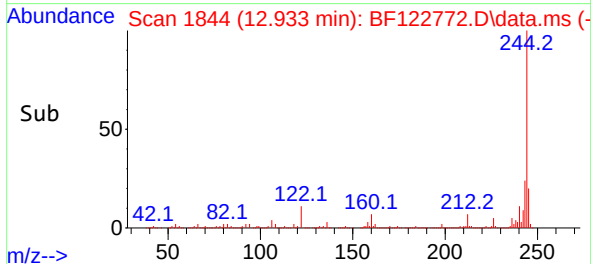
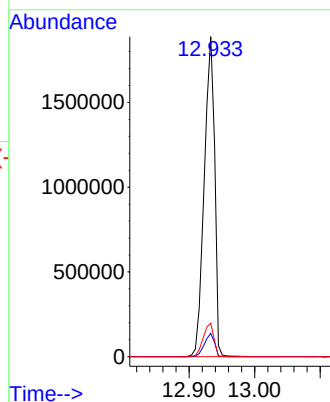
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:244 Resp: 2090401  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.7 8.5  
122 10.5 8.3 12.5

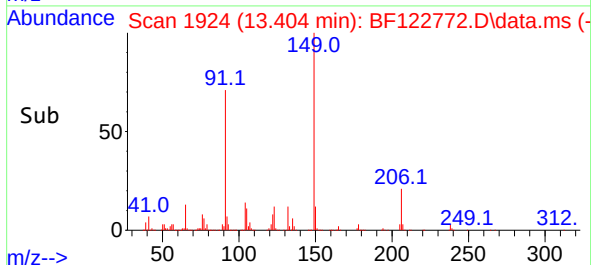
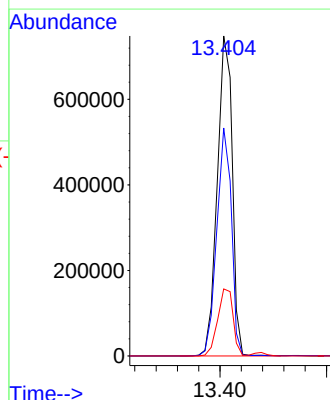
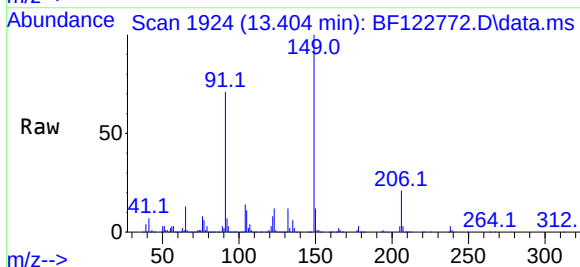
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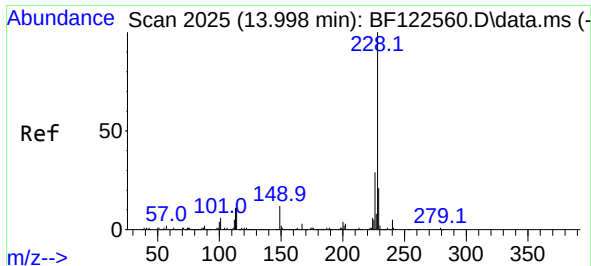
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#80  
Butylbenzylphthalate  
Concen: 36.11 ng  
RT: 13.404 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:149 Resp: 728942  
Ion Ratio Lower Upper  
149 100  
91 71.3 56.5 84.7  
206 21.0 17.0 25.6





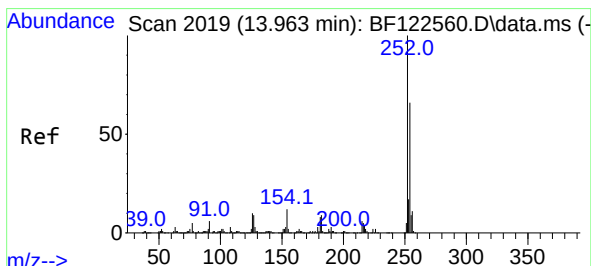
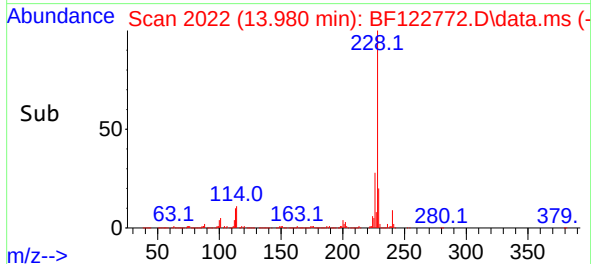
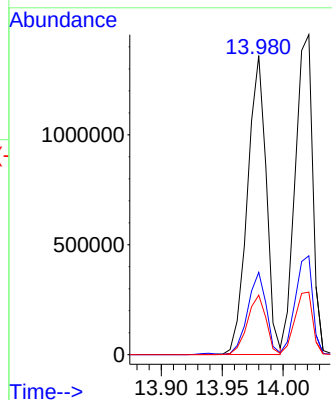
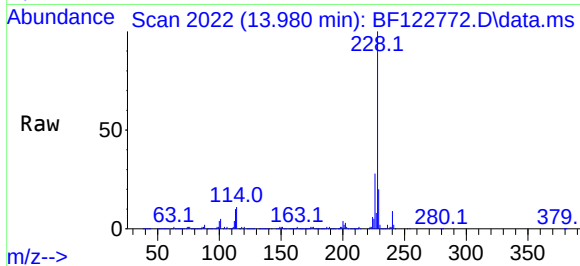
#81  
Benzo(a)anthracene  
Concen: 37.65 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:228 Resp: 1458440  
Ion Ratio Lower Upper  
228 100  
226 27.5 23.0 34.4  
229 19.9 16.6 24.8

Instrument :  
BNA\_F  
ClientSampleId :  
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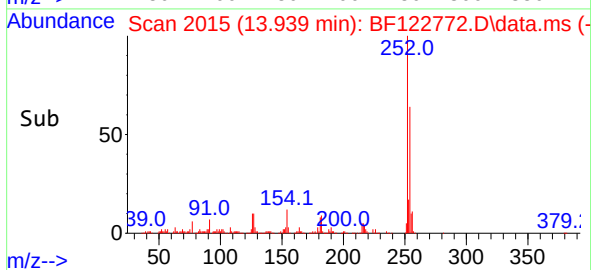
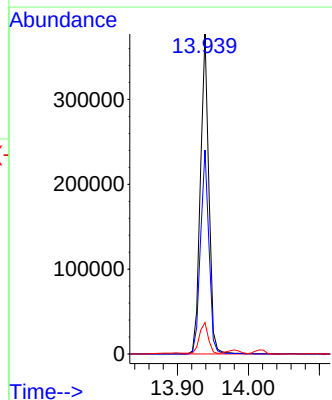
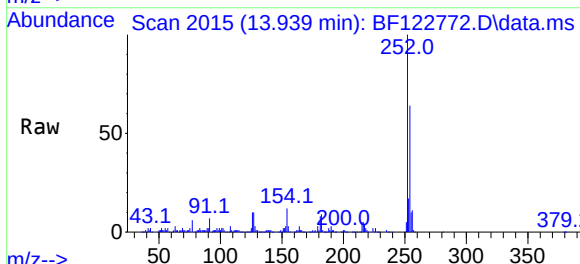
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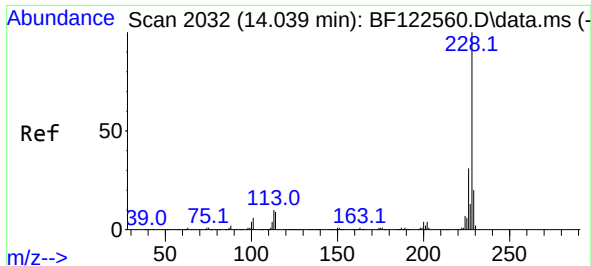
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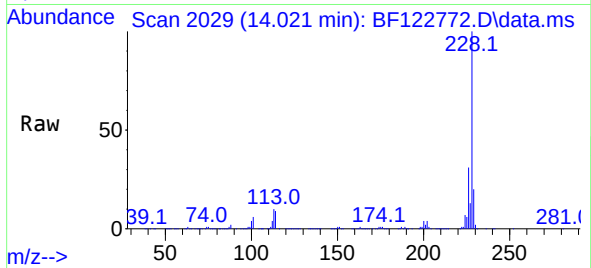
#82  
3,3'-Dichlorobenzidine  
Concen: 22.49 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

Tgt Ion:252 Resp: 312111  
Ion Ratio Lower Upper  
252 100  
254 63.8 52.7 79.1  
126 9.8 8.0 12.0



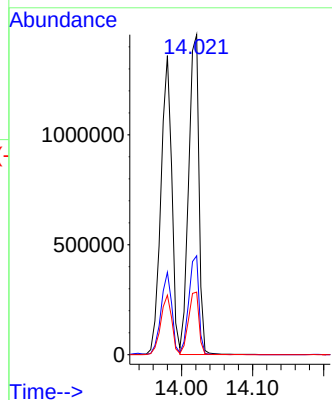


#83  
Chrysene  
Concen: 37.92 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion:228 Resp: 1461960

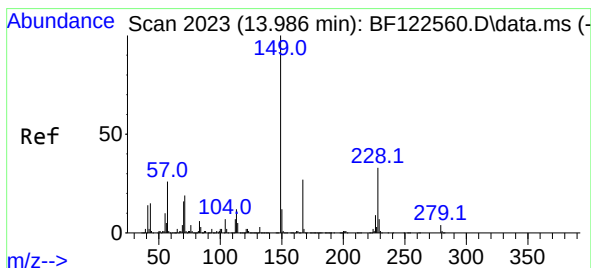
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.9  | 24.6  | 36.8  |
| 229 | 19.5  | 15.8  | 23.6  |



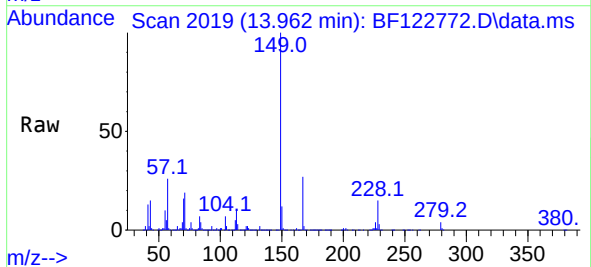
Instrument :  
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ClientSampleId :  
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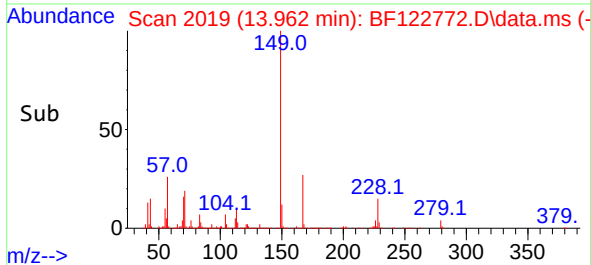
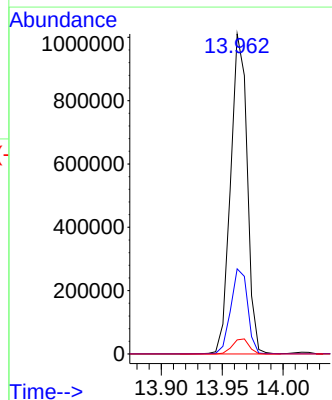


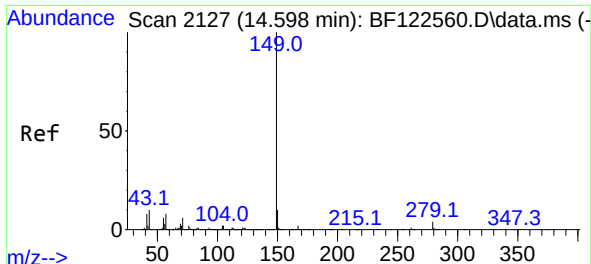
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 34.67 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



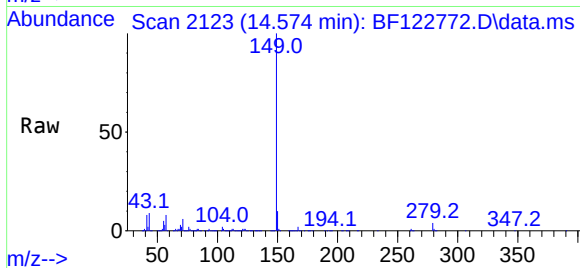
Tgt Ion:149 Resp: 958541

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.6  | 21.4  | 32.2  |
| 279 | 4.4   | 3.4   | 5.0   |

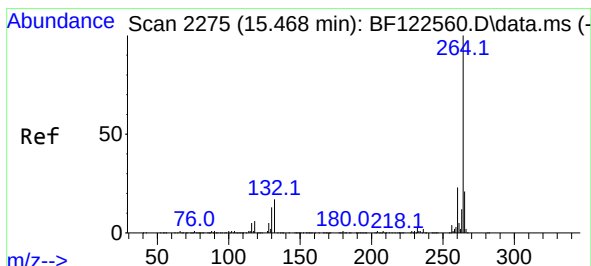
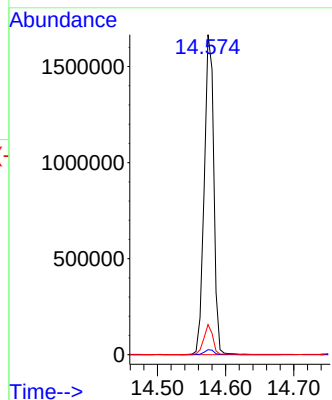
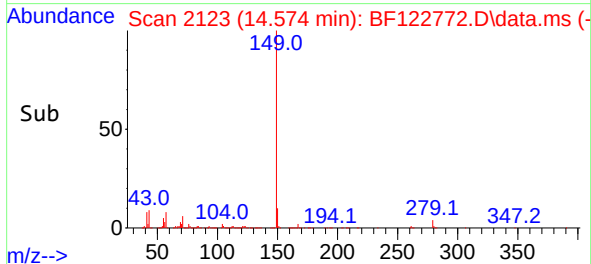




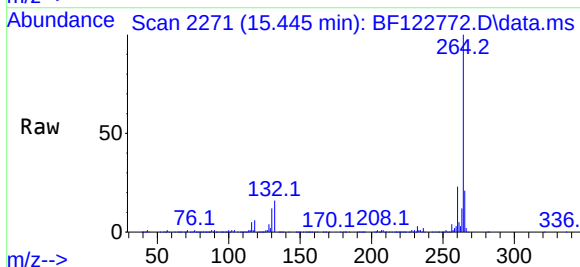
#85  
Di-n-octyl phthalate  
Concen: 35.36 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



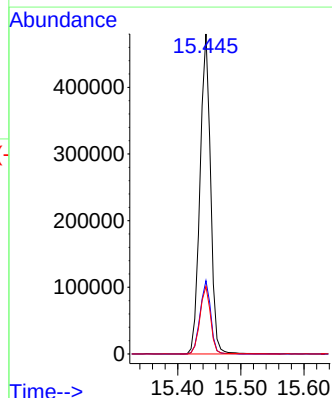
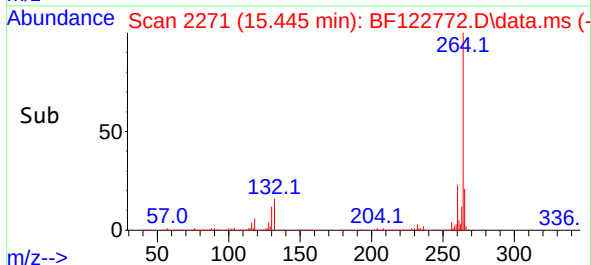
Tgt Ion:149 Resp: 1621610  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.9 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



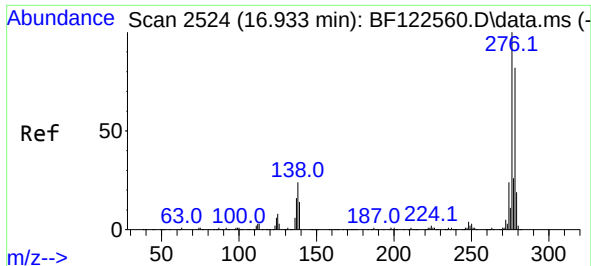
Tgt Ion:264 Resp: 553997  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.6 28.0  
265 21.1 17.0 25.6



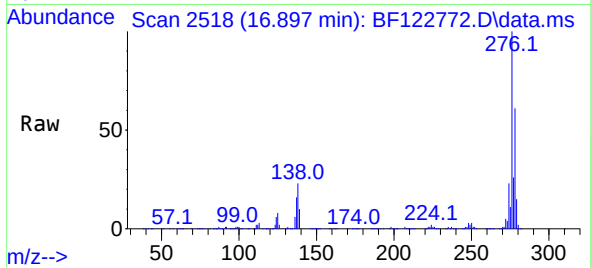
Instrument :  
BNA\_F  
ClientSampleId :  
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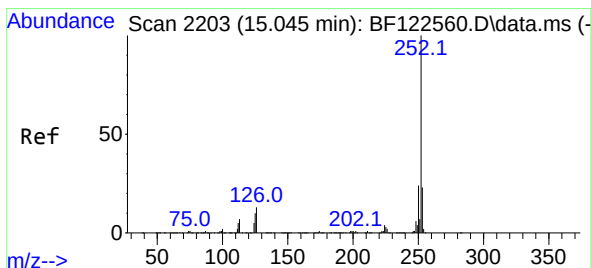
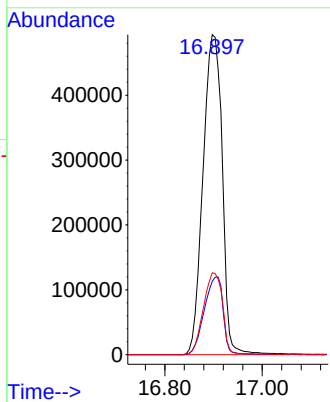
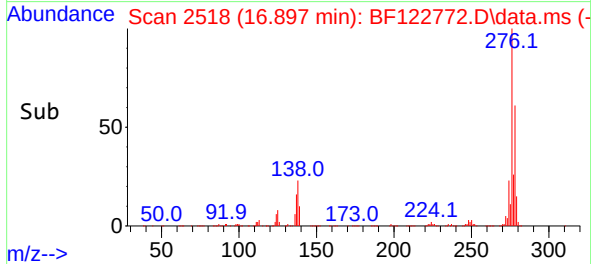
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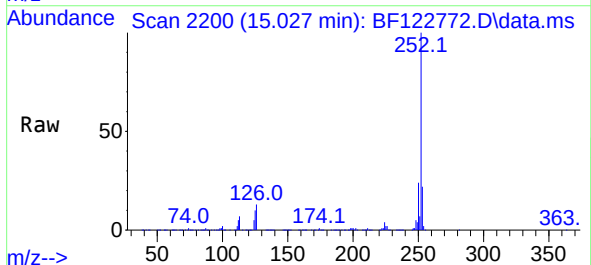
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.06 ng  
RT: 16.897 min Scan# 2518  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



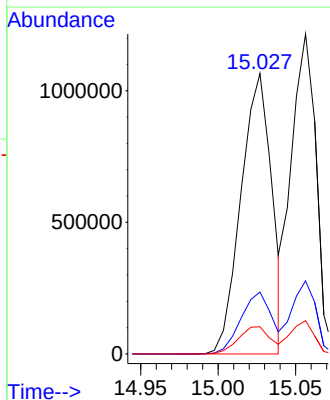
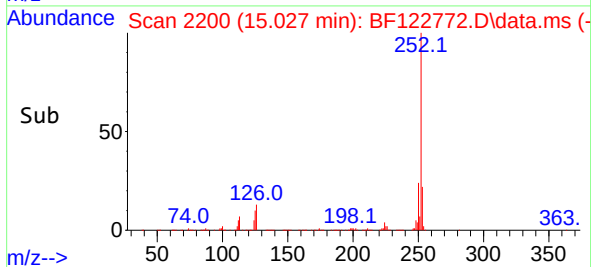
Tgt Ion: 276 Resp: 1347546  
Ion Ratio Lower Upper  
276 100  
138 23.8 18.7 28.1  
277 25.6 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 37.97 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



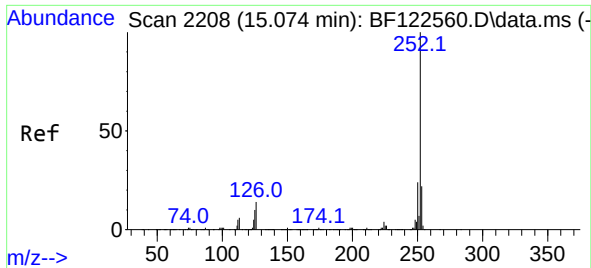
Tgt Ion: 252 Resp: 1475753  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 9.7 8.1 12.1



Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD

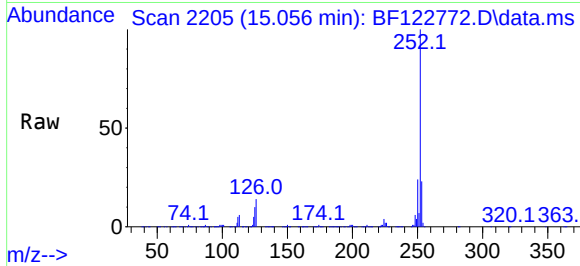
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#89  
Benzo(k)fluoranthene  
Concen: 38.09 ng  
RT: 15.056 min Scan# 2205  
Delta R.T. 0.006 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

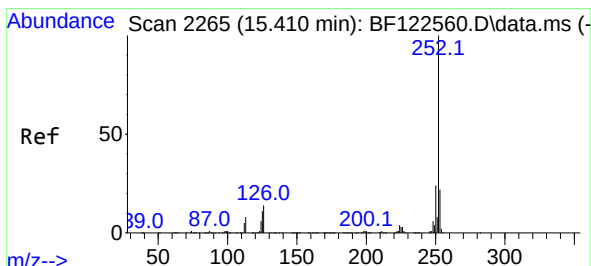
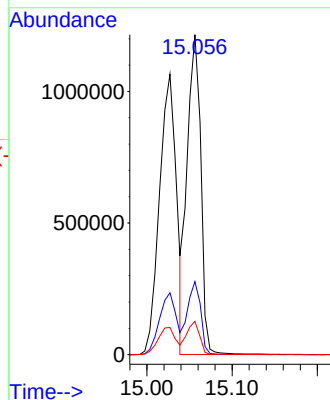
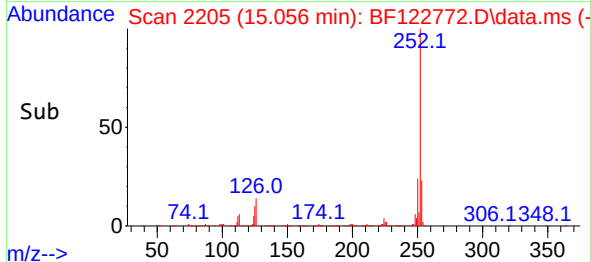
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



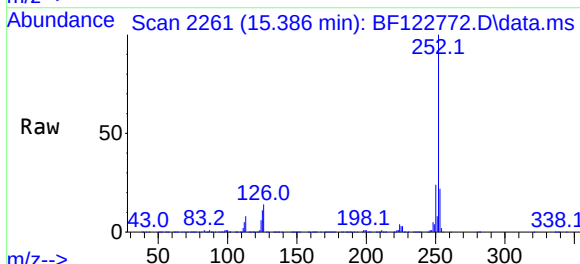
Tgt Ion:252 Resp: 1353784  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 10.4 8.4 12.6

Manual Integrations  
APPROVED

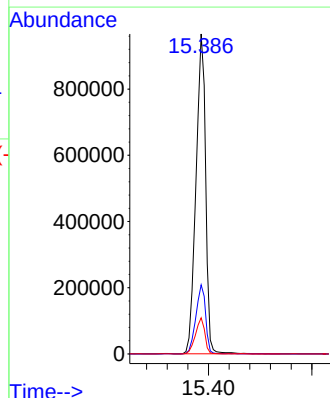
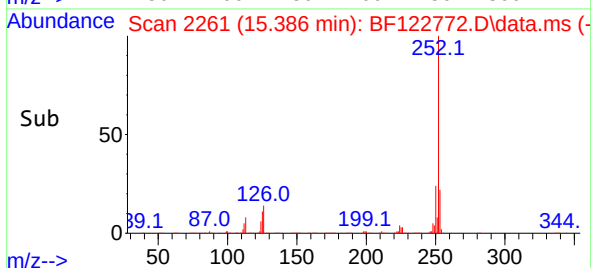
mohammad  
12/18/2020 10:26:52 AM



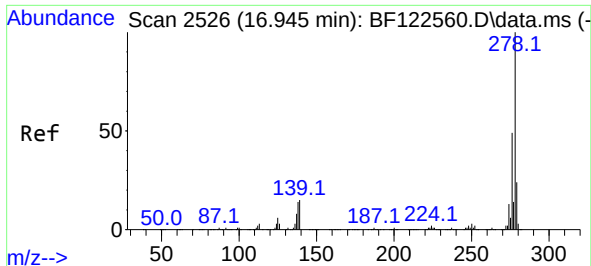
#90  
Benzo(a)pyrene  
Concen: 36.86 ng  
RT: 15.386 min Scan# 2261  
Delta R.T. 0.005 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion:252 Resp: 1253575  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 11.3 8.6 12.8

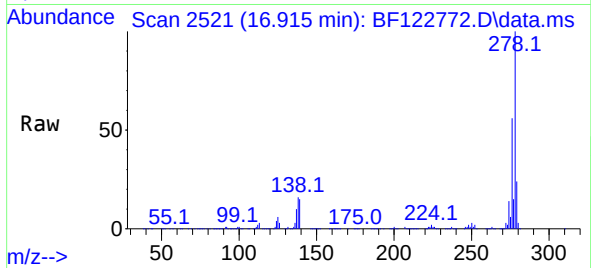






#91  
Dibenzo(a,h)anthracene  
Concen: 37.64 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. 0.011 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09

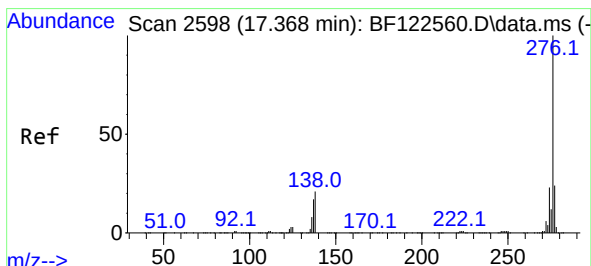
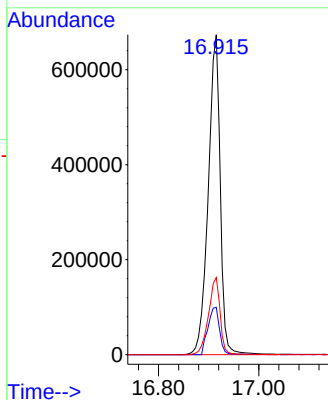
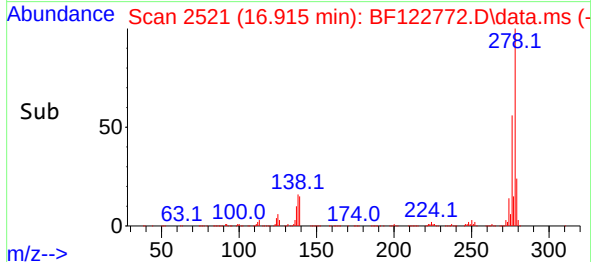
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-37-2-WCMSD



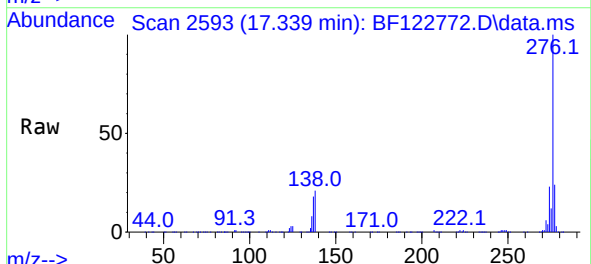
Tgt Ion:278 Resp: 1120303  
Ion Ratio Lower Upper  
278 100  
139 14.8 12.0 18.0  
279 24.1 19.4 29.2

Manual Integrations  
APPROVED

mohammad  
12/18/2020 10:26:52 AM



#92  
Benzo(g,h,i)perylene  
Concen: 39.03 ng  
RT: 17.339 min Scan# 2593  
Delta R.T. 0.011 min  
Lab File: BF122772.D  
Acq: 17 Dec 2020 19:09



Tgt Ion:276 Resp: 1124257  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.3 28.9  
138 20.6 16.6 24.8

