

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111720\  
 Data File : BF122346.D  
 Acq On : 17 Nov 2020 15:15  
 Operator : JU/CG  
 Sample : L4586-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMS

Manual Integrations  
 APPROVED

mohammad  
 11/19/2020 10:28:45 AM

Quant Time: Nov 17 16:14:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 251045   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 984865   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 540763   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 1029679  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 824142   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 736692   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 2209089  | 135.12 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.493  | 99   | 2941606  | 137.53 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 1812621  | 112.67 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 908882   | 156.60 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 2993296  | 86.49  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3410380  | 87.67  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 326180   | 43.50  | ng    | 92       |
| 3) Pyridine                   | 3.434  | 79   | 926482   | 44.93  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 453569   | 46.66  | ng    | 96       |
| 6) Aniline                    | 6.528  | 93   | 789444   | 28.13  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 888540   | 52.41  | ng    | 89       |
| 9) Benzaldehyde               | 6.410  | 77   | 157374   | 10.42  | ng    | 95       |
| 10) Phenol                    | 6.504  | 94   | 1134089  | 53.84  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 815880   | 48.73  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 925705   | 48.09  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 928673   | 48.03  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 898746   | 49.80  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 763241   | 50.19  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 1157078  | 47.42  | ng    | 98       |
| 17) 2-Methylphenol            | 7.116  | 107  | 724525   | 51.20  | ng    | 99       |
| 18) Hexachloroethane          | 7.381  | 117  | 327841   | 48.69  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 614434   | 48.07  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 885973   | 50.87  | ng    | # 81     |
| 22) Acetophenone              | 7.275  | 105  | 1130173  | 44.06  | ng    | # 91     |
| 24) Nitrobenzene              | 7.451  | 77   | 929184   | 50.48  | ng    | 93       |
| 25) Isophorone                | 7.687  | 82   | 1626454  | 45.35  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 448438   | 54.97  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 801131   | 47.36  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 1012633  | 46.16  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 755938   | 50.47  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 771625   | 46.68  | ng    | 96       |
| 31) Naphthalene               | 8.175  | 128  | 2410173  | 46.03  | ng    | 98       |
| 32) Benzoic acid              | 7.928  | 122  | 565815   | 58.36  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 318109   | 13.95  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 444285   | 46.76  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 257655m  | 54.28  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 795499   | 50.93  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 1633172  | 47.21  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 1510253  | 46.64  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 742596   | 44.56  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 857944   | 88.06  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 553433   | 51.14  | ng    | 99       |

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Manual Integrations  
 APPROVED

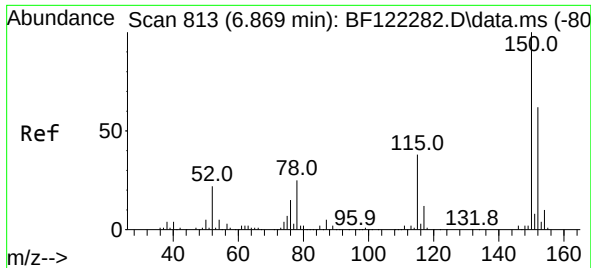
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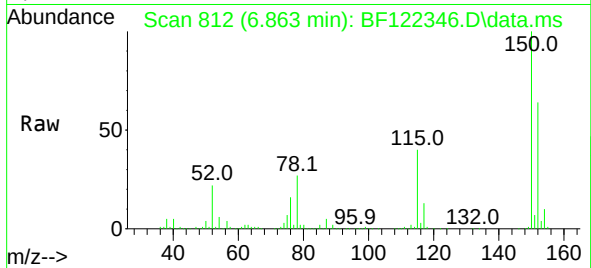
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 590507   | 52.05  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 1916051  | 44.51  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1554416  | 45.50  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 511548   | 50.02  | ng    | 96       |
| 49) Acenaphthylene            | 9.775  | 152  | 2422848  | 46.14  | ng    | 99       |
| 50) Dimethylphthalate         | 9.634  | 163  | 2407037  | 62.62  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 436467   | 50.78  | ng    | # 84     |
| 52) Acenaphthene              | 9.945  | 154  | 1671791  | 51.44  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 287948   | 30.92  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 387212   | 95.39  | ng    | 91       |
| 55) Dibenzofuran              | 10.116 | 168  | 2223578  | 46.70  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.022 | 139  | 814834   | 96.03  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 592964   | 54.32  | ng    | 95       |
| 58) Fluorene                  | 10.457 | 166  | 1685739  | 46.23  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 512857   | 54.36  | ng    | 98       |
| 60) Diethylphthalate          | 10.333 | 149  | 1756365  | 46.58  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 806587   | 46.86  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 472107   | 49.42  | ng    | 97       |
| 63) Azobenzene                | 10.610 | 77   | 1778458  | 44.96  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 275990   | 57.27  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 1578713  | 45.00  | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 566923   | 46.85  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 625683   | 47.86  | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 447378   | 51.20  | ng    | 98       |
| 70) Pentachlorophenol         | 11.198 | 266  | 756486   | 100.44 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 2615164  | 44.76  | ng    | 97       |
| 72) Anthracene                | 11.475 | 178  | 2682948  | 44.56  | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 2524659  | 46.09  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 2693571  | 46.13  | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 2831294  | 46.42  | ng    | 98       |
| 77) Benzidine                 | 12.722 | 184  | 541185   | 23.68  | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 2867186  | 49.52  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 1185495  | 50.85  | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 2355960  | 45.97  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 564029   | 29.53  | ng    | 98       |
| 83) Chrysene                  | 14.063 | 228  | 2415140  | 46.78  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 1364145  | 48.86  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 2262192  | 47.81  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 2386258  | 53.98  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 2260497  | 47.38  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 2191552  | 47.11  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 2002417  | 48.14  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 1958686  | 52.90  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 2035377  | 56.53  | ng    | 98       |

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

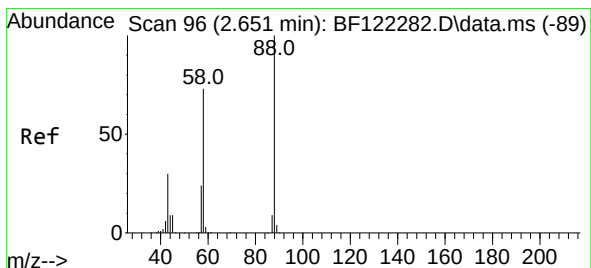
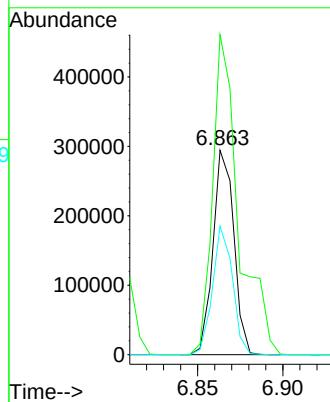
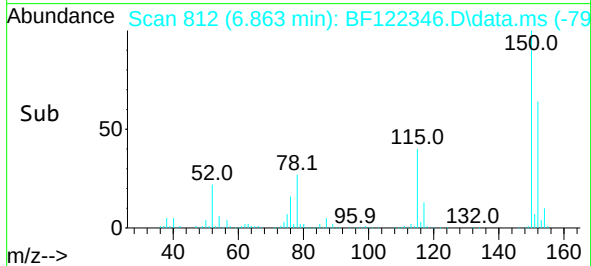




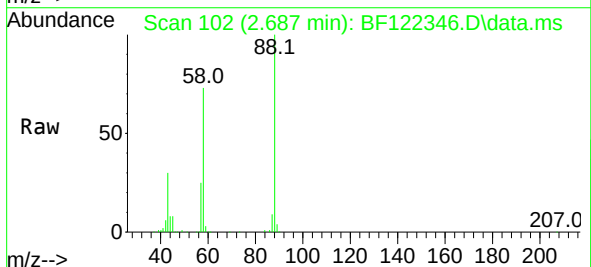
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



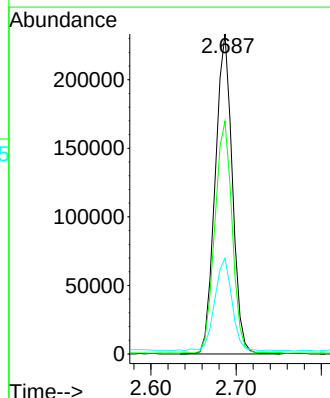
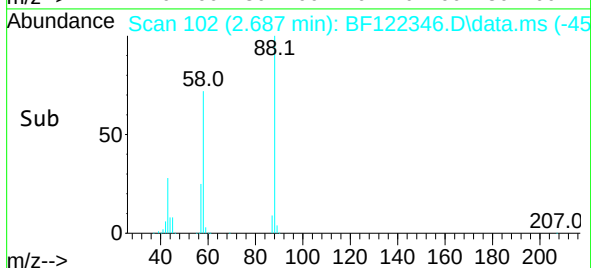
Tgt Ion:152 Resp: 251045  
Ion Ratio Lower Upper  
152 100  
150 156.6 125.3 187.9  
115 62.9 51.9 77.9



#2  
1,4-Dioxane  
Concen: 43.50 ng  
RT: 2.687 min Scan# 102  
Delta R.T. 0.036 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



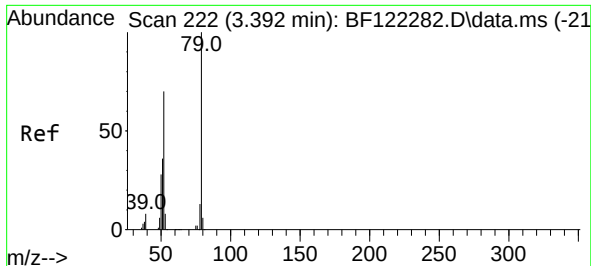
Tgt Ion: 88 Resp: 326180  
Ion Ratio Lower Upper  
88 100  
58 73.6 65.8 98.8  
43 30.0 25.8 38.8



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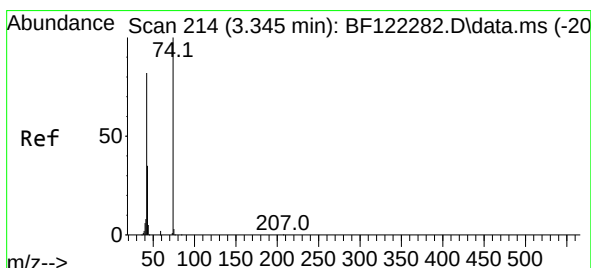
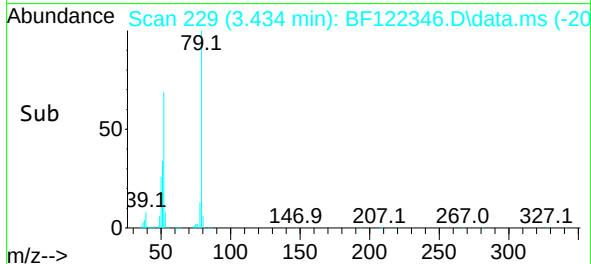
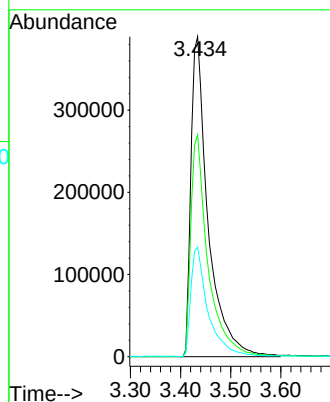
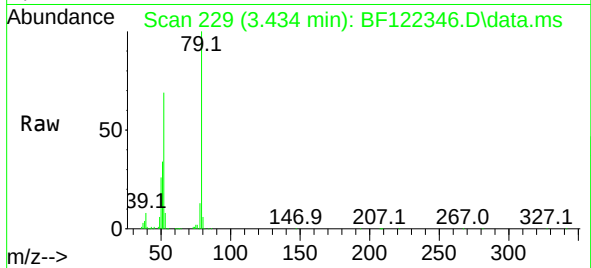
#3  
Pyridine  
Concen: 44.93 ng  
RT: 3.434 min Scan# 229  
Delta R.T. 0.042 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 79 Resp: 926482  
Ion Ratio Lower Upper  
79 100  
52 69.3 62.2 93.4  
51 34.3 31.1 46.7

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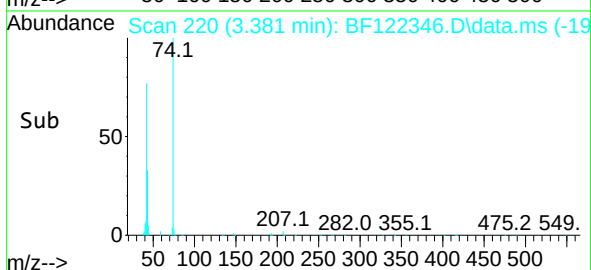
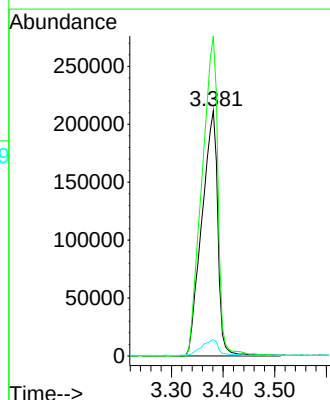
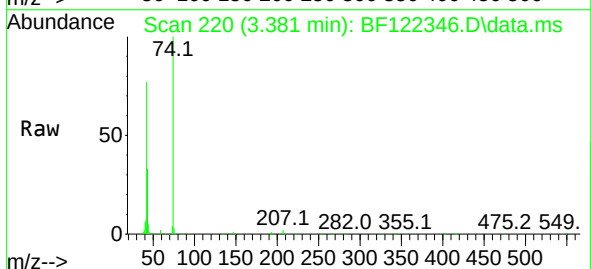
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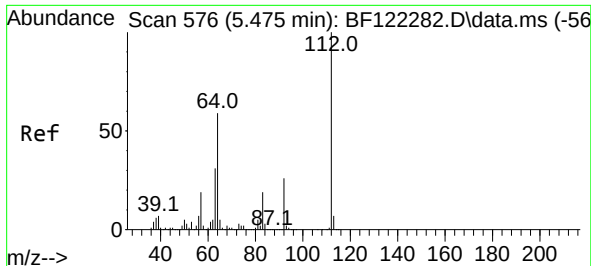
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#4  
n-Nitrosodimethylamine  
Concen: 46.66 ng  
RT: 3.381 min Scan# 220  
Delta R.T. 0.036 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 42 Resp: 453569  
Ion Ratio Lower Upper  
42 100  
74 130.4 100.2 150.2  
44 6.6 5.8 8.6





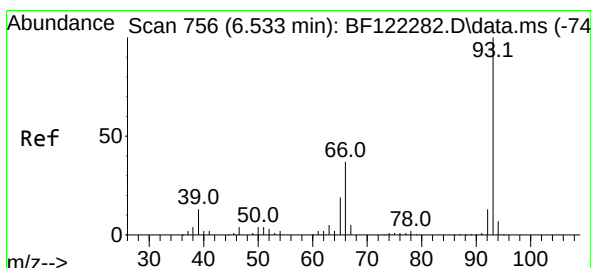
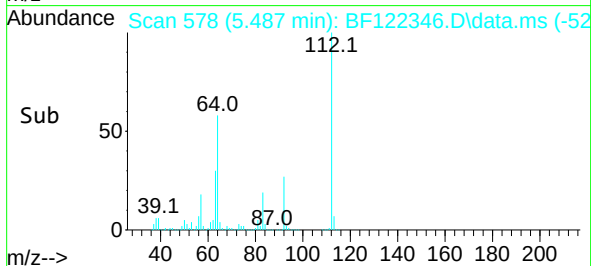
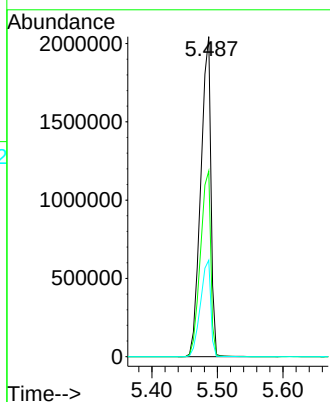
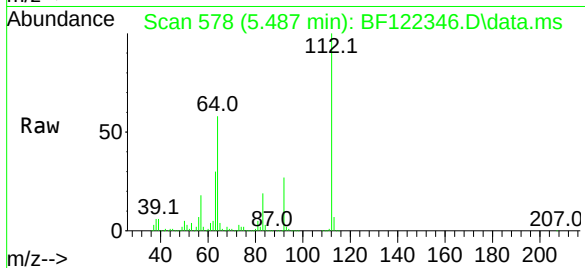
#5  
2-Fluorophenol  
Concen: 135.12 ng  
RT: 5.487 min Scan# 578  
Delta R.T. 0.012 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:112 Resp: 2209089  
Ion Ratio Lower Upper  
112 100  
64 58.0 50.4 75.6  
63 30.1 25.8 38.6

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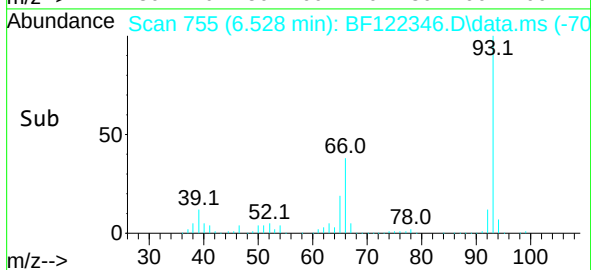
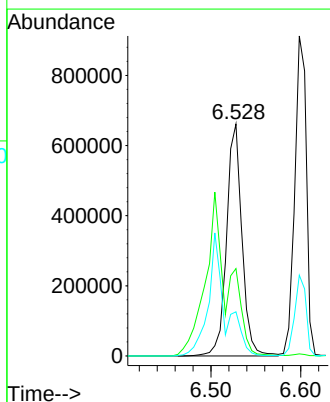
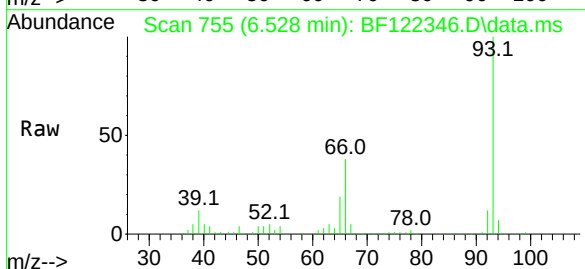
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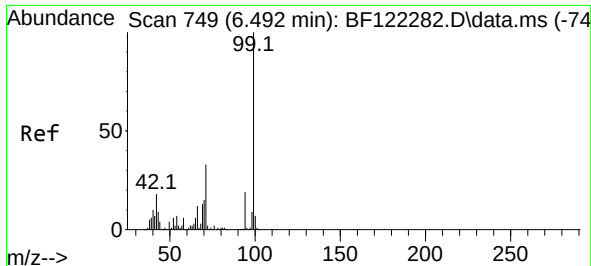
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#6  
Aniline  
Concen: 28.13 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
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Tgt Ion: 93 Resp: 789444  
Ion Ratio Lower Upper  
93 100  
66 37.7 32.7 49.1  
65 19.1 16.6 24.8





#7  
Phenol-d6  
Concen: 137.53 ng  
RT: 6.493 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

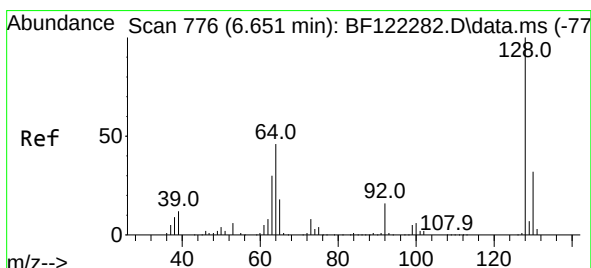
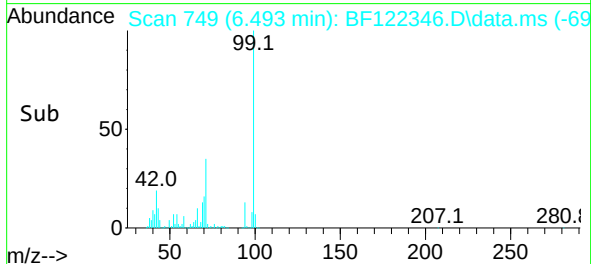
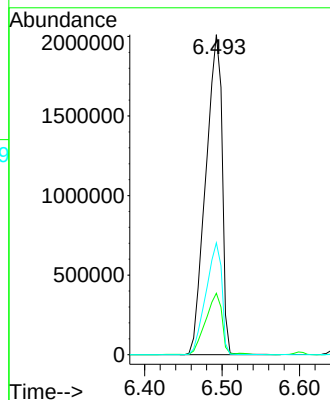
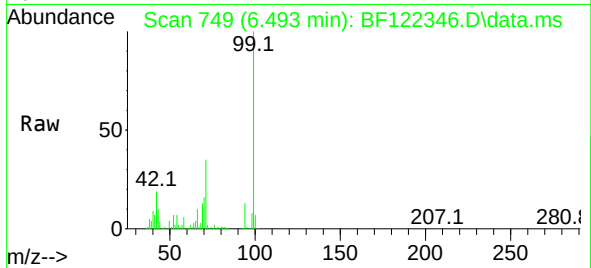
Tgt Ion: 99 Resp: 2941606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.2  | 15.9  | 23.9  |
| 71  | 35.0  | 27.1  | 40.7  |

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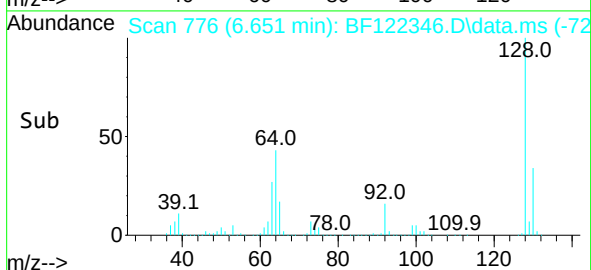
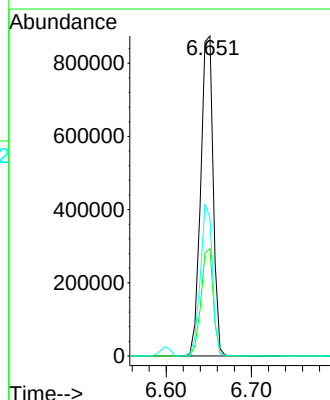
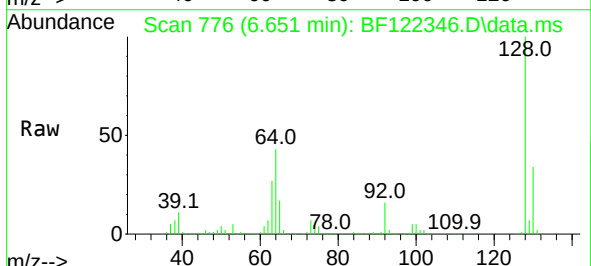
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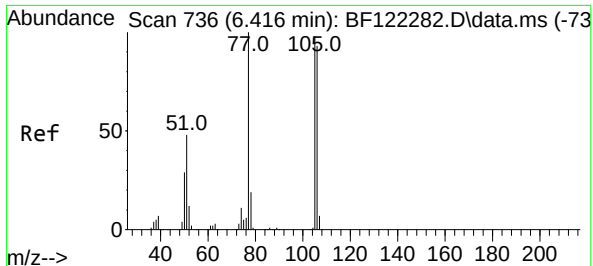


#8  
2-Chlorophenol  
Concen: 52.41 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 128 Resp: 888540

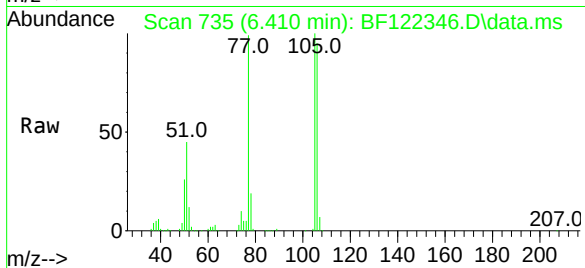
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.6  | 12.4  | 52.4  |
| 64  | 43.2  | 34.8  | 74.8  |





#9  
Benzaldehyde  
Concen: 10.42 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

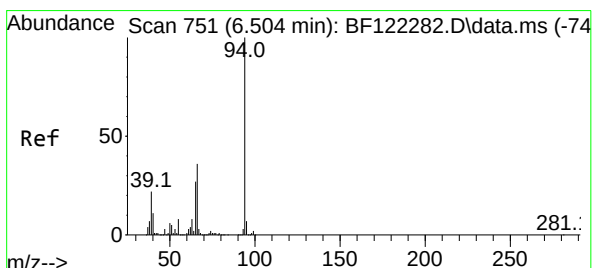
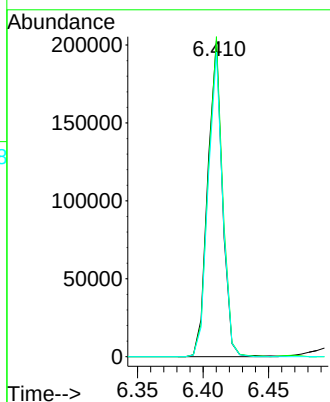
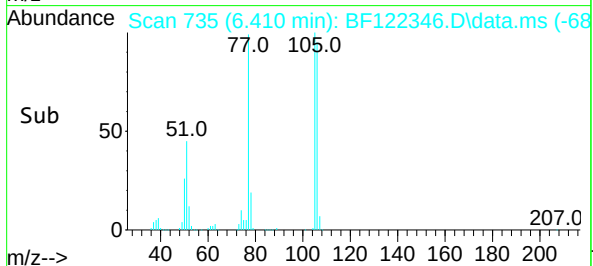
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



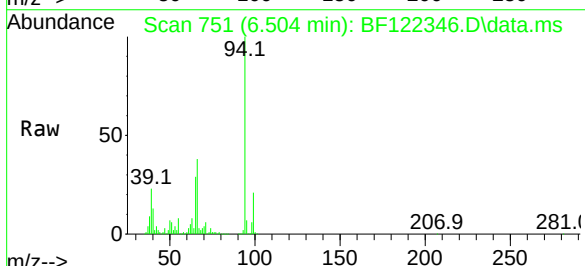
Tgt Ion: 77 Resp: 157374  
Ion Ratio Lower Upper  
77 100  
105 101.3 76.7 116.7  
106 96.3 71.3 111.3

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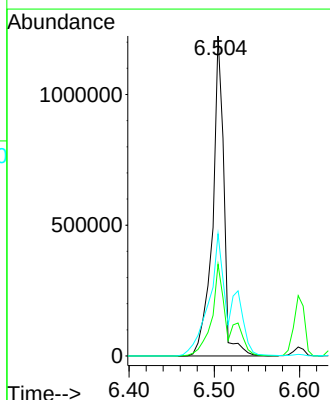
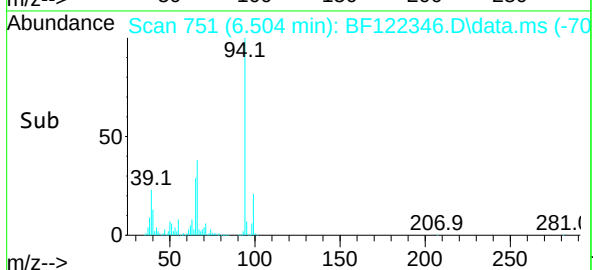
mohammad  
11/19/2020 10:28:45 AM



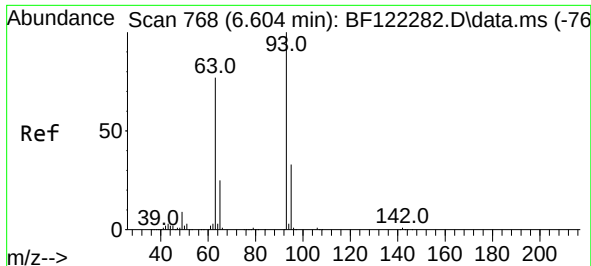
#10  
Phenol  
Concen: 53.84 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



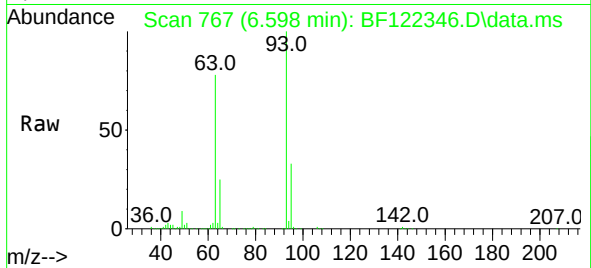
Tgt Ion: 94 Resp: 1134089  
Ion Ratio Lower Upper  
94 100  
65 28.7 17.1 57.1  
66 38.2 36.0 76.0



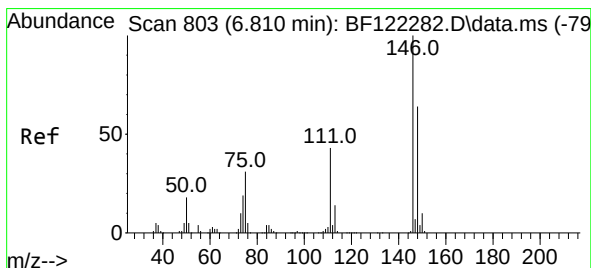
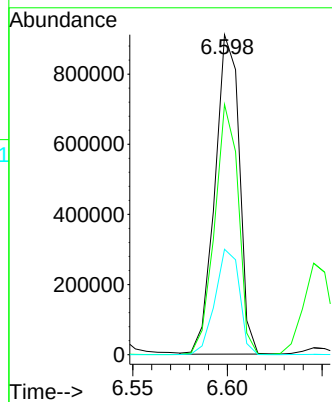
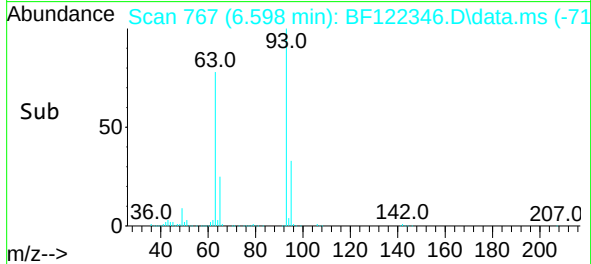




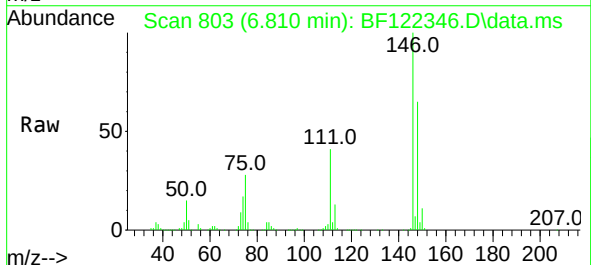
#11  
bis(2-Chloroethyl)ether  
Concen: 48.73 ng  
RT: 6.598 min Scan# 767  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



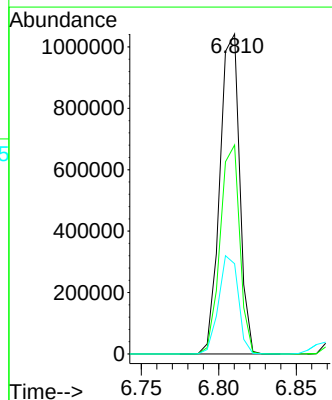
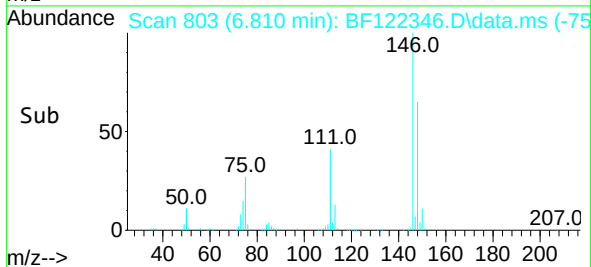
Tgt Ion: 93 Resp: 815880  
Ion Ratio Lower Upper  
93 100  
63 78.2 62.4 102.4  
95 33.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 48.09 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



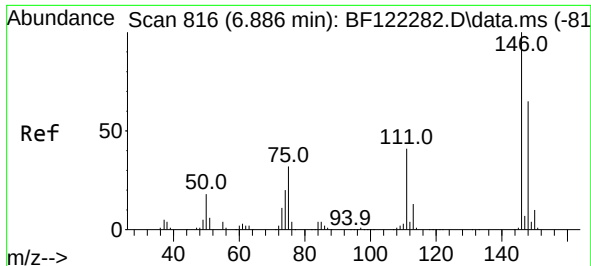
Tgt Ion: 146 Resp: 925705  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.0 76.4  
75 28.2 27.6 41.4



Instrument :  
BNA\_F  
ClientSampleId :  
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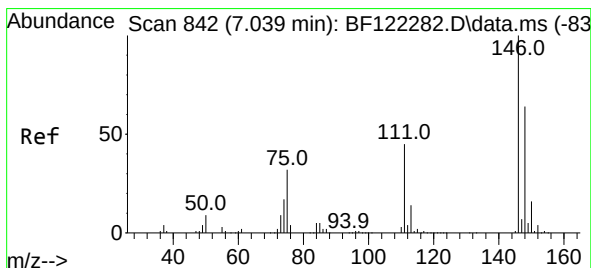
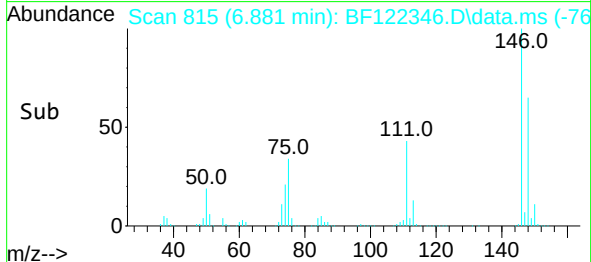
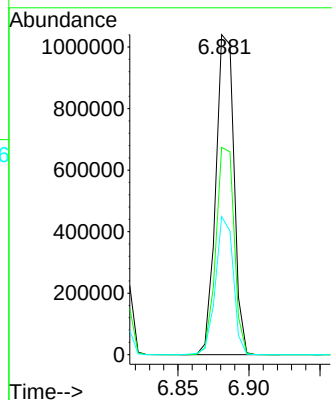
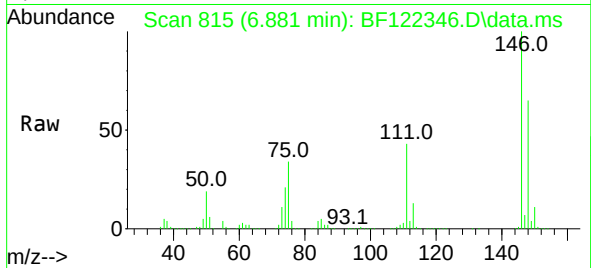
#13  
1,4-Dichlorobenzene  
Concen: 48.03 ng  
RT: 6.881 min Scan# 815  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:146 Resp: 928673  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.1 75.1  
111 43.2 34.6 52.0

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

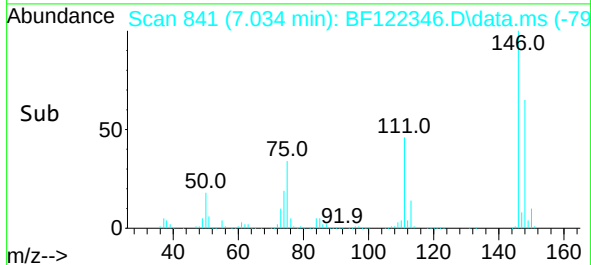
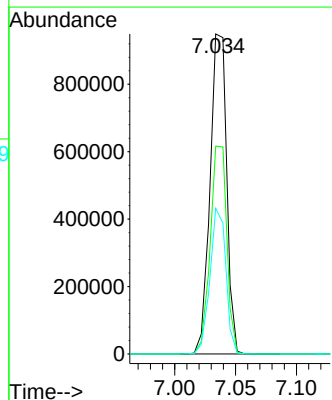
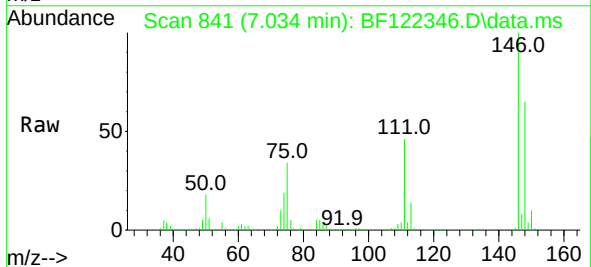
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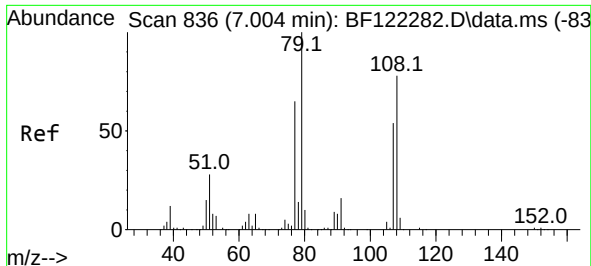
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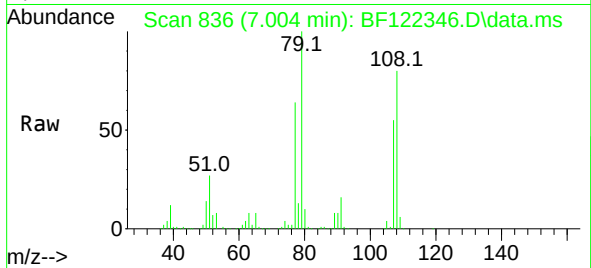
#14  
1,2-Dichlorobenzene  
Concen: 49.80 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:146 Resp: 898746  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.1 76.7  
111 45.5 34.2 51.4

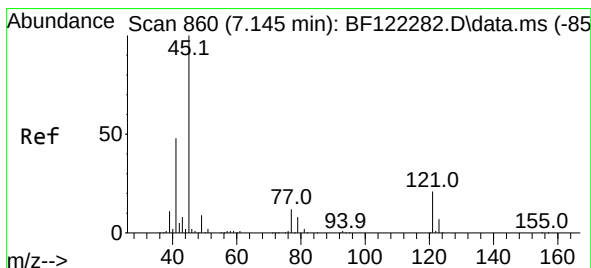
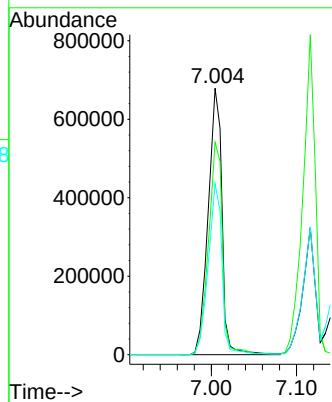
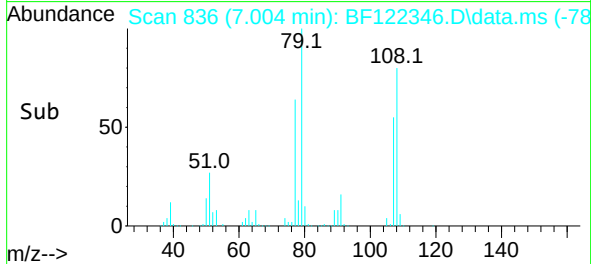




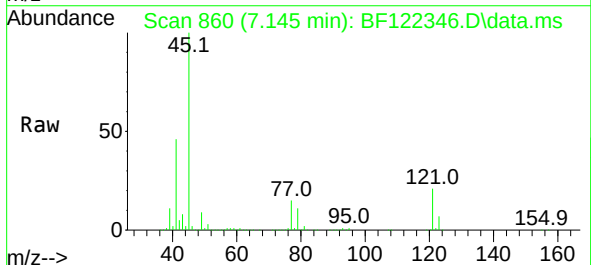
#15  
Benzyl Alcohol  
Concen: 50.19 ng  
RT: 7.004 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



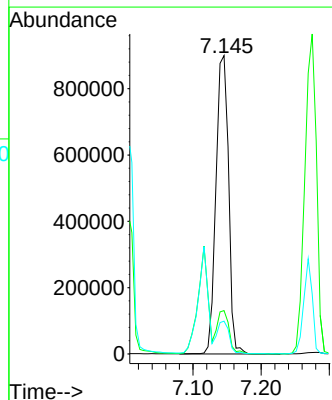
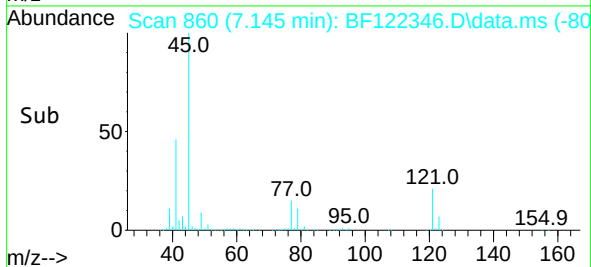
Tgt Ion: 79 Resp: 763241  
Ion Ratio Lower Upper  
79 100  
108 79.8 62.3 93.5  
77 64.2 50.6 75.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.42 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



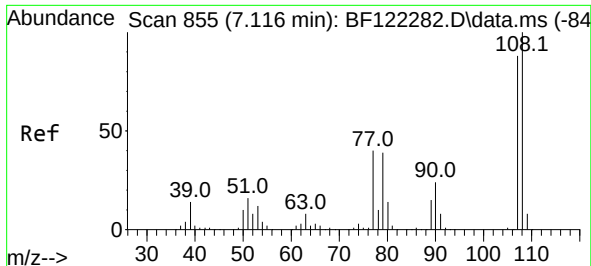
Tgt Ion: 45 Resp: 1157078  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 33.3  
79 11.0 0.0 30.4



Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

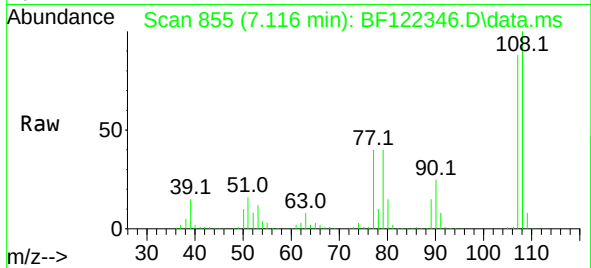
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#17  
2-Methylphenol  
Concen: 51.20 ng  
RT: 7.116 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

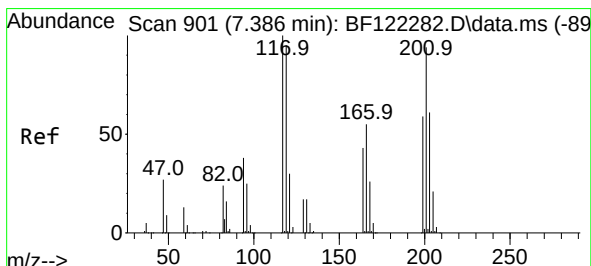
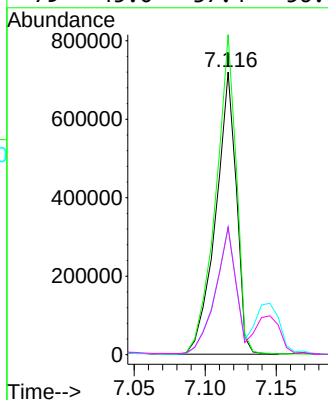
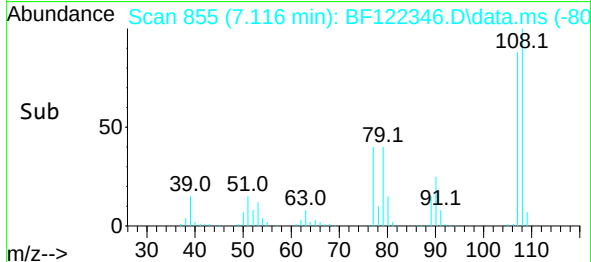
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



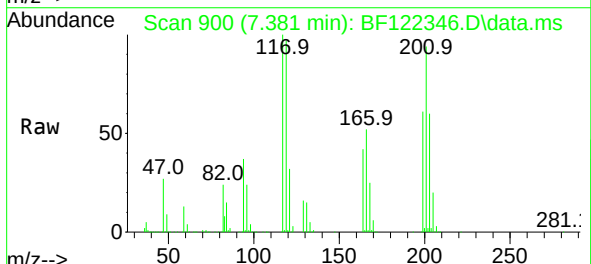
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.2 | 90.9  | 136.3 |
| 77      | 45.2  | 37.5  | 56.3  |
| 79      | 45.0  | 37.4  | 56.0  |

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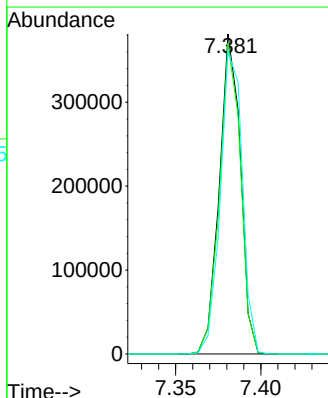
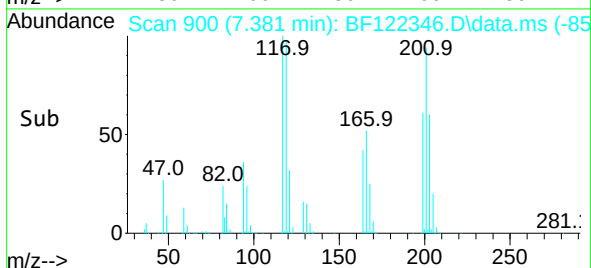
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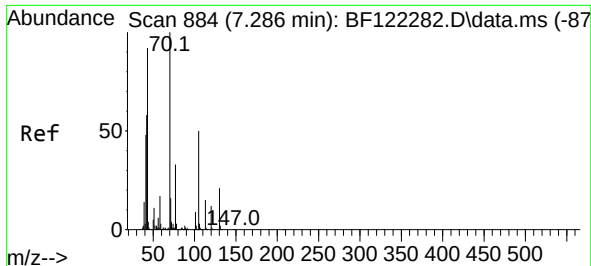


#18  
Hexachloroethane  
Concen: 48.69 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



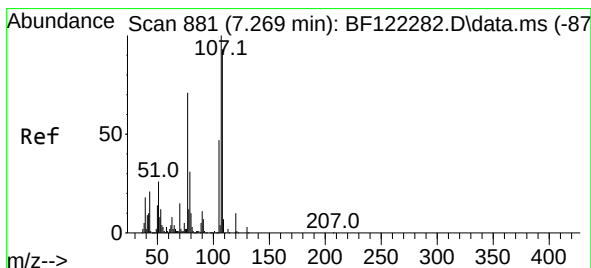
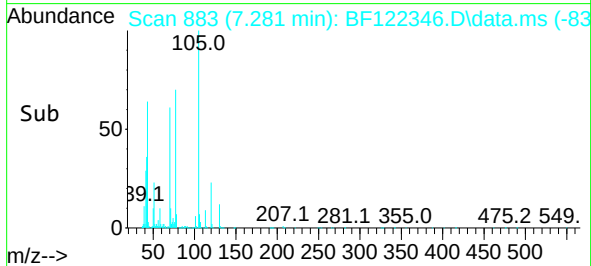
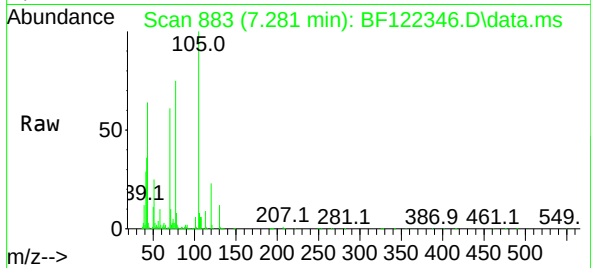
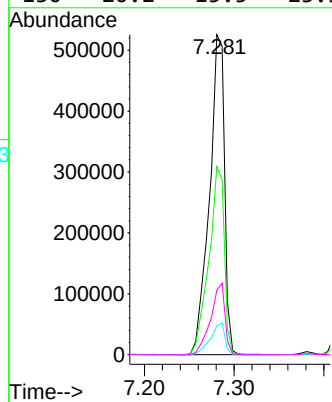
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.1  | 76.3  | 114.5 |
| 201     | 94.4  | 71.8  | 107.6 |





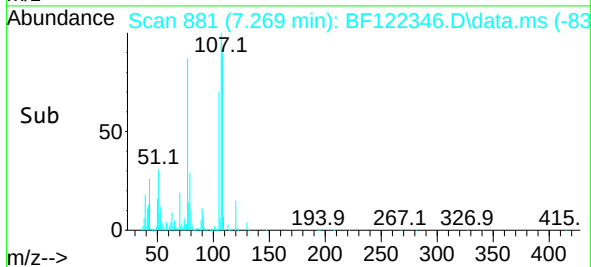
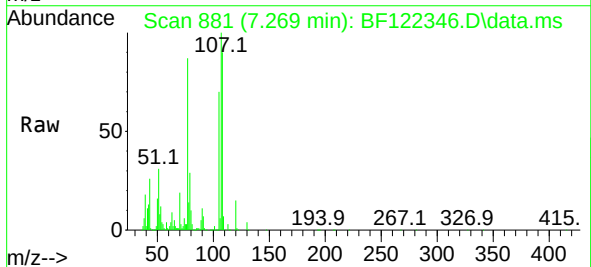
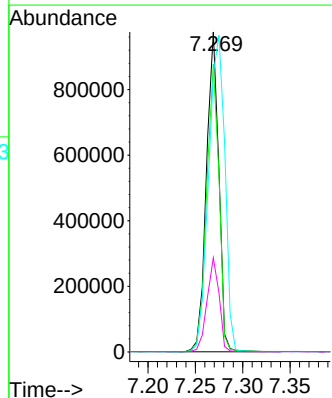
#19  
n-Nitroso-di-n-propylamine  
Concen: 48.07 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 614434 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 58.8  | 50.2  | 75.4   |
| 101       | 9.0   | 7.5   | 11.3   |
| 130       | 20.2  | 15.5  | 23.3   |



#20  
3+4-Methylphenols  
Concen: 50.87 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

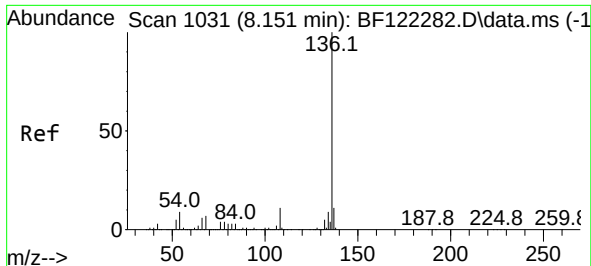
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 885973 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 89.8  | 68.9  | 108.9  |
| 77        | 86.8  | 108.0 | 148.0# |
| 79        | 29.4  | 10.5  | 50.5   |



Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

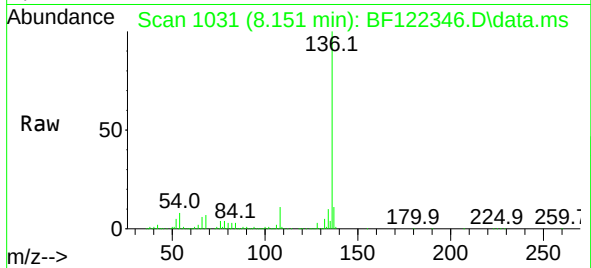
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

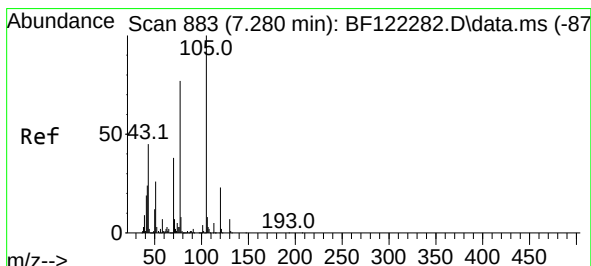
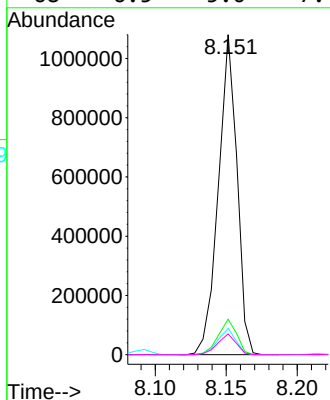
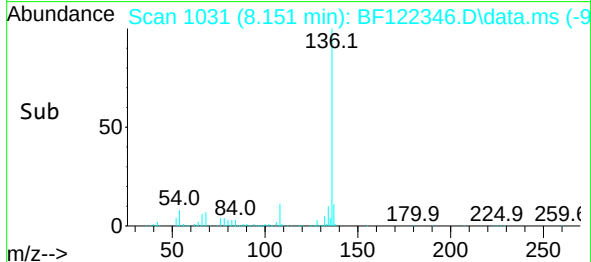
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



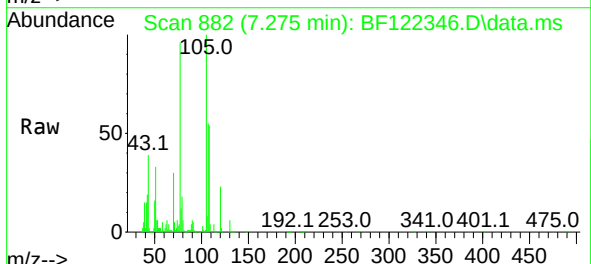
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.1  | 8.6   | 13.0  |
| 54      | 8.2   | 7.1   | 10.7  |
| 68      | 6.5   | 5.0   | 7.4   |

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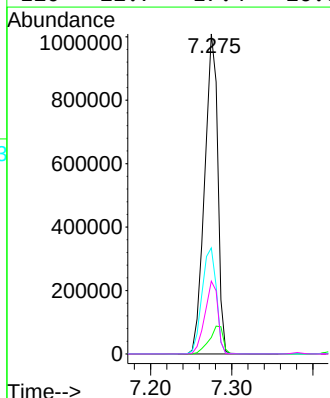
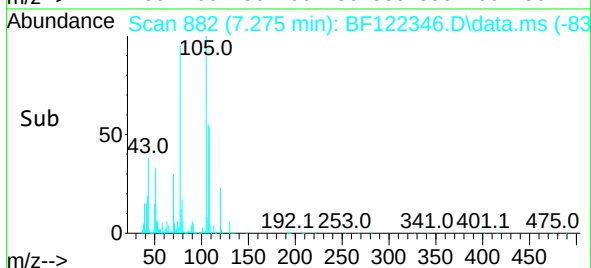
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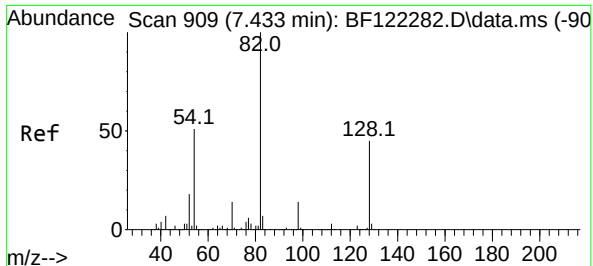


#22  
Acetophenone  
Concen: 44.06 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 5.1   | 5.3   | 7.9#  |
| 51      | 33.1  | 33.2  | 49.8# |
| 120     | 22.7  | 17.4  | 26.0  |





#23

Nitrobenzene-d5

Concen: 112.67 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF122346.D

Acq: 17 Nov 2020 15:15

Tgt Ion: 82 Resp: 1812621

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.6  | 35.0  | 52.4  |
| 54  | 48.7  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

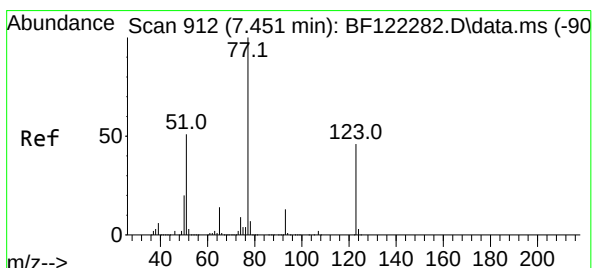
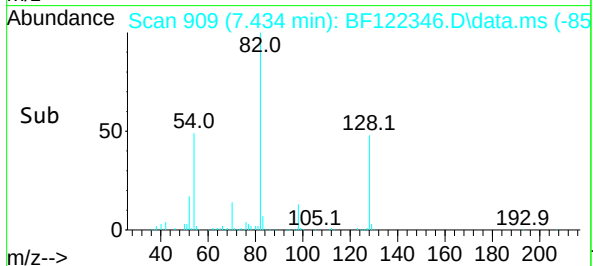
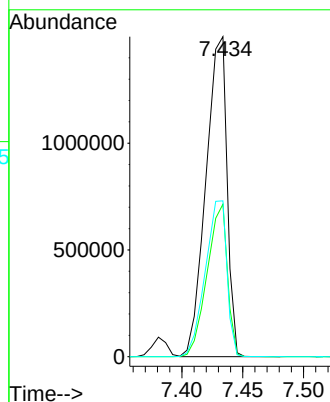
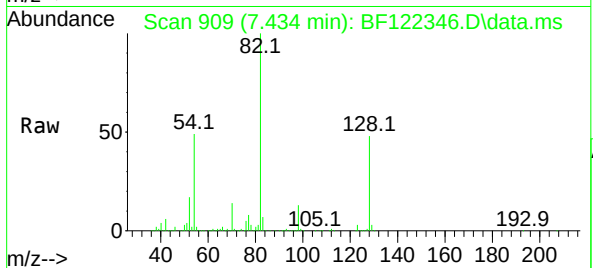
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#24

Nitrobenzene

Concen: 50.48 ng

RT: 7.451 min Scan# 912

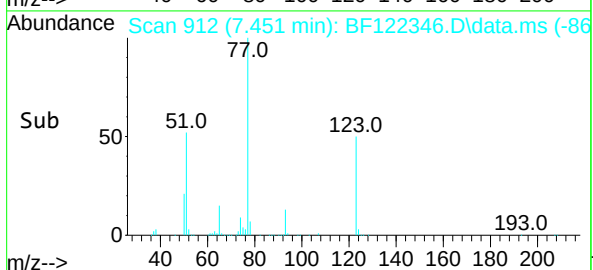
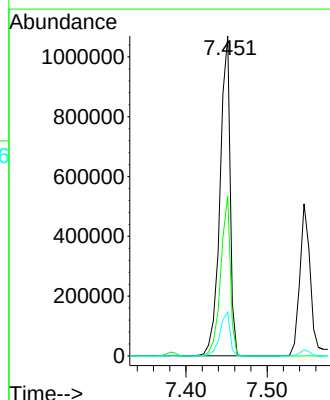
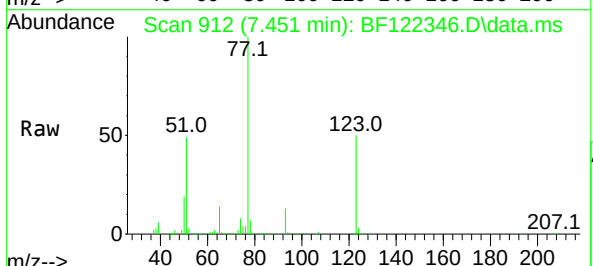
Delta R.T. 0.000 min

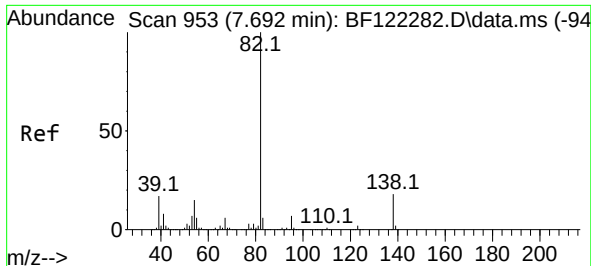
Lab File: BF122346.D

Acq: 17 Nov 2020 15:15

Tgt Ion: 77 Resp: 929184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.0  | 35.6  | 53.4  |
| 65  | 13.7  | 11.2  | 16.8  |





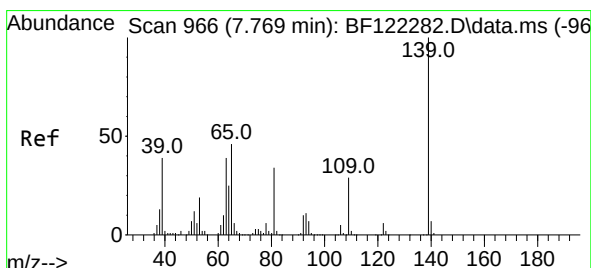
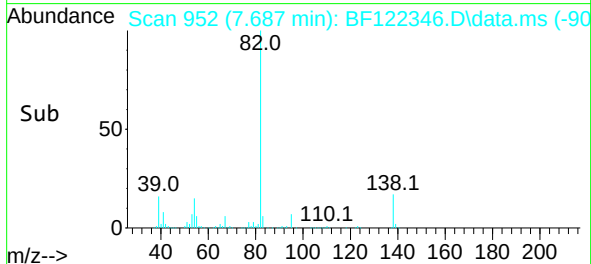
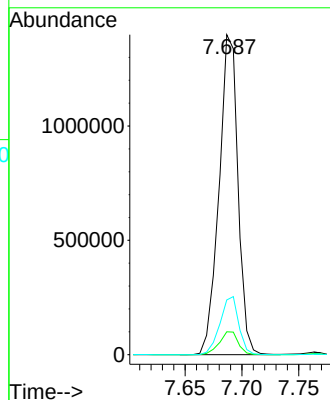
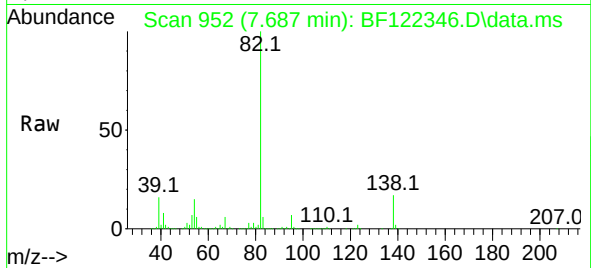
#25  
Isophorone  
Concen: 45.35 ng  
RT: 7.687 min Scan# 952  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 82 Resp: 1626454  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.0  
138 17.1 13.4 20.0

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

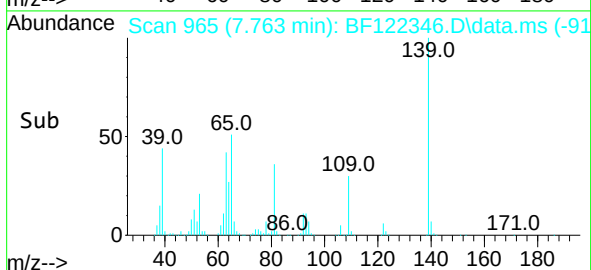
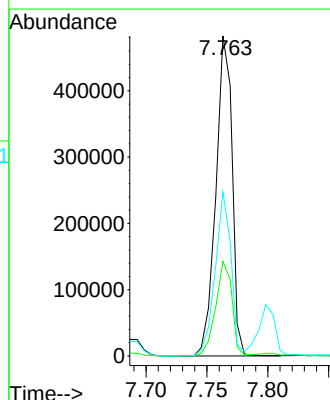
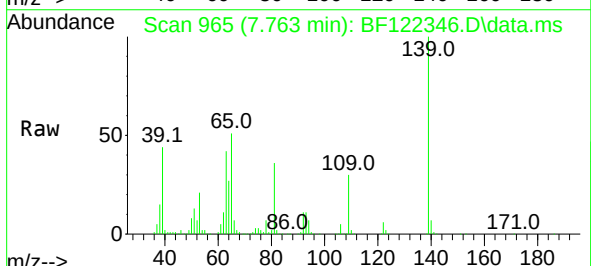
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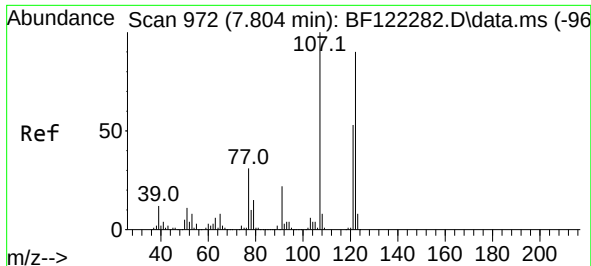


#26  
2-Nitrophenol  
Concen: 54.97 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

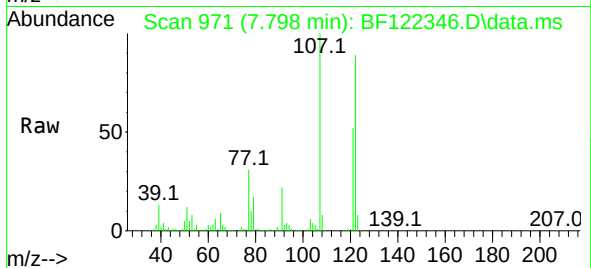
Tgt Ion: 139 Resp: 448438  
Ion Ratio Lower Upper  
139 100  
109 29.6 23.0 34.4  
65 51.3 39.9 59.9



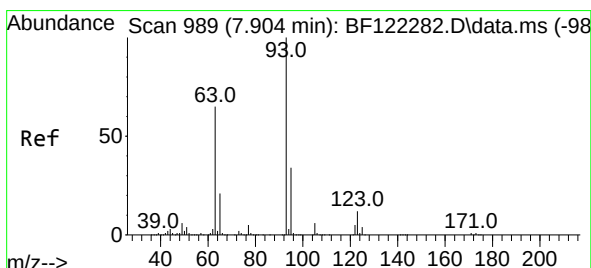
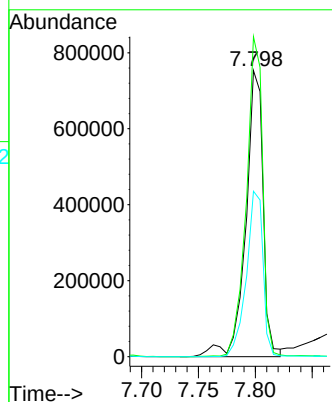
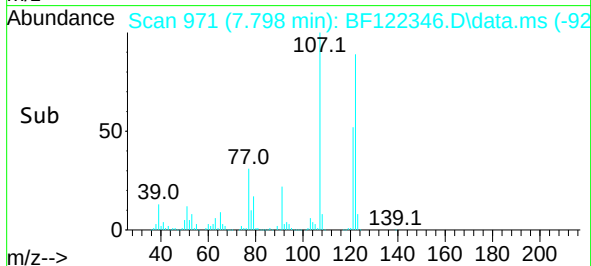




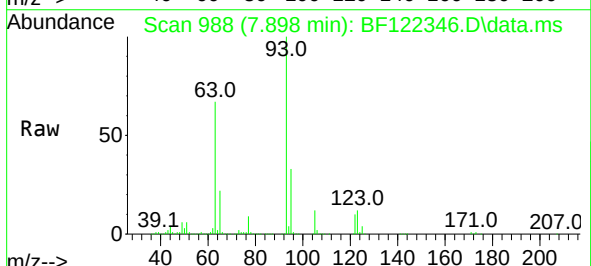
#27  
2,4-Dimethylphenol  
Concen: 47.36 ng  
RT: 7.798 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



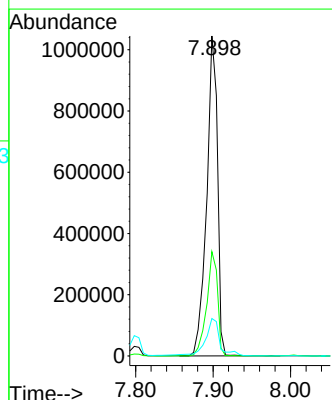
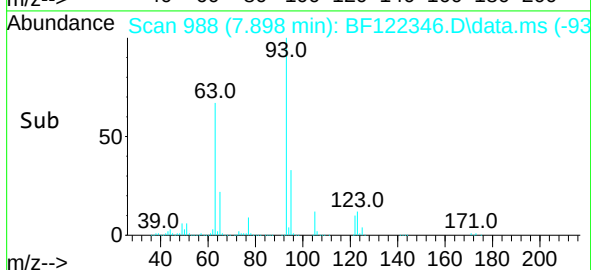
Tgt Ion:122 Resp: 801131  
Ion Ratio Lower Upper  
122 100  
107 111.8 90.8 136.2  
121 57.8 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.16 ng  
RT: 7.898 min Scan# 988  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



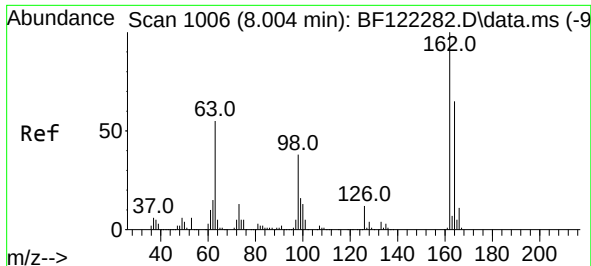
Tgt Ion: 93 Resp: 1012633  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.2 39.4  
123 11.7 8.8 13.2



Instrument :  
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ClientSampleId :  
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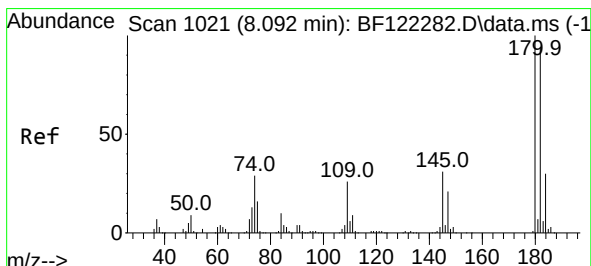
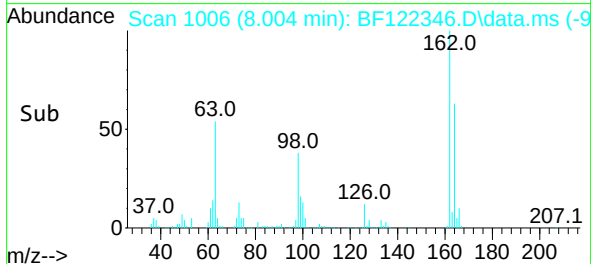
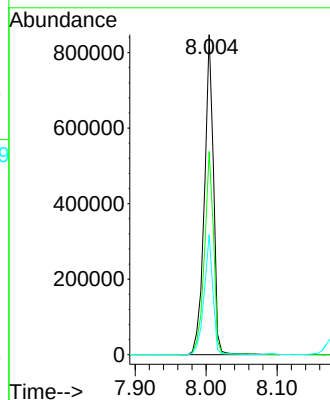
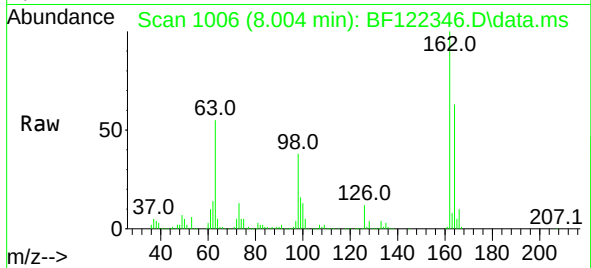
#29  
2,4-Dichlorophenol  
Concen: 50.47 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:162 Resp: 755938  
Ion Ratio Lower Upper  
162 100  
164 63.5 42.5 82.5  
98 37.6 20.1 60.1

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

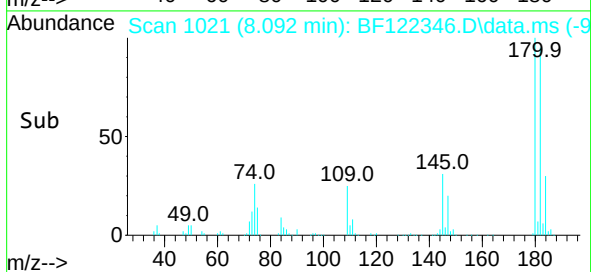
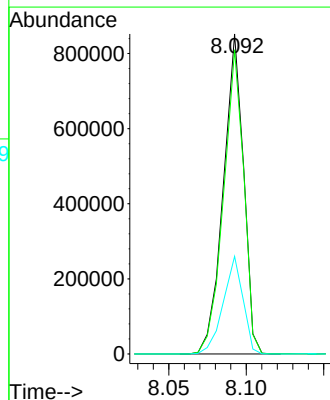
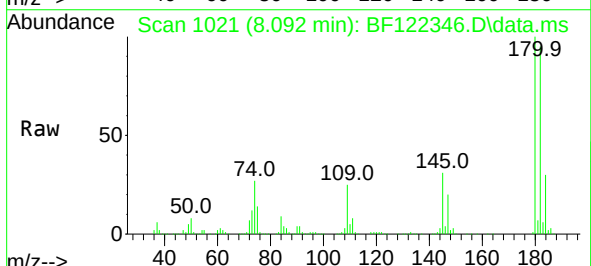
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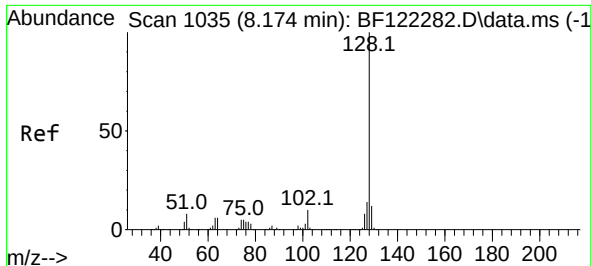
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.68 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:180 Resp: 771625  
Ion Ratio Lower Upper  
180 100  
182 95.0 79.4 119.2  
145 30.5 25.5 38.3





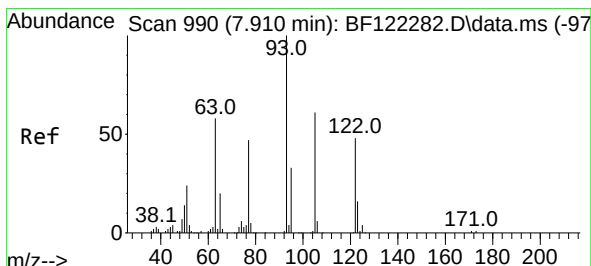
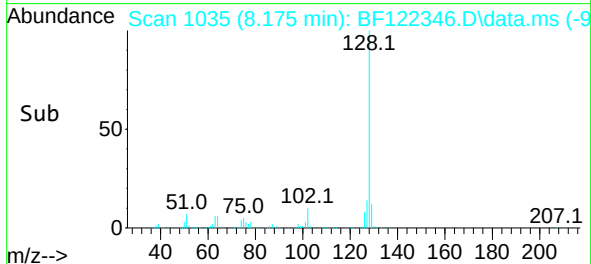
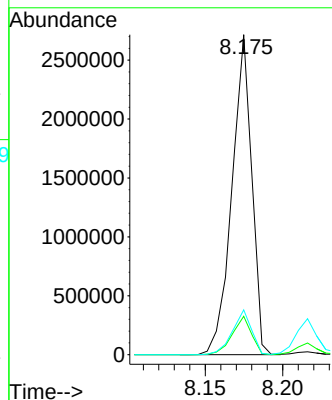
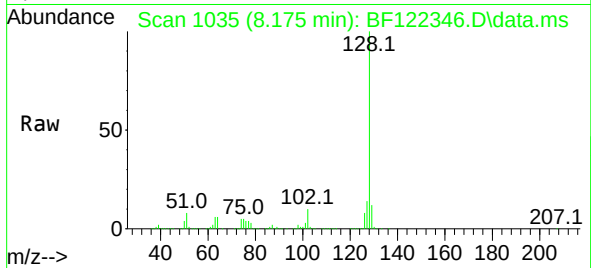
#31  
Naphthalene  
Concen: 46.03 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:128 Resp: 2410173  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.7 13.1  
127 14.0 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

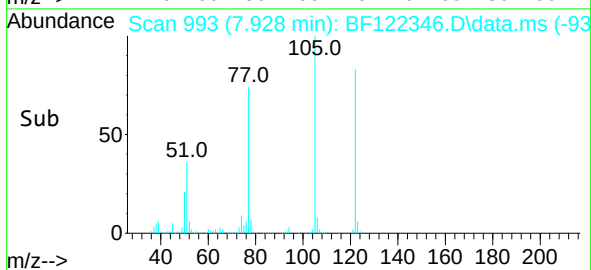
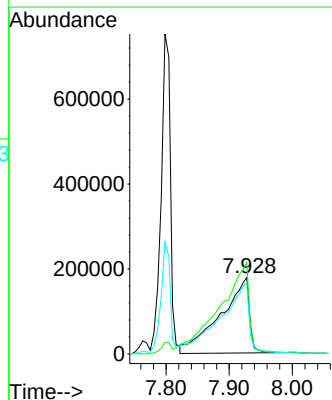
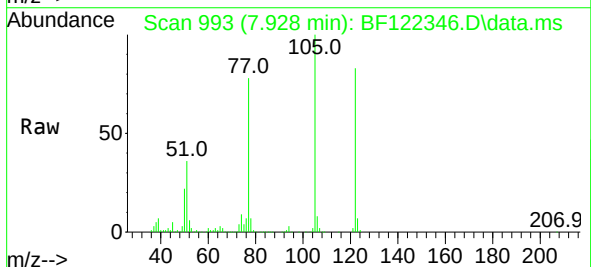
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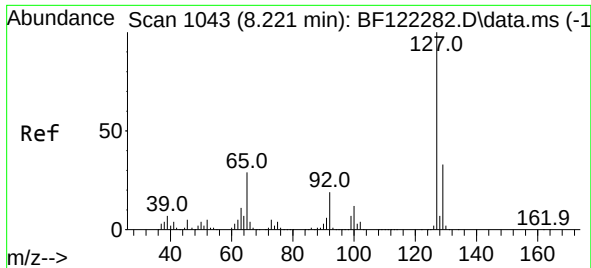
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#32  
Benzoic acid  
Concen: 58.36 ng  
RT: 7.928 min Scan# 993  
Delta R.T. 0.018 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:122 Resp: 565815  
Ion Ratio Lower Upper  
122 100  
105 119.9 103.3 143.3  
77 93.0 73.9 113.9





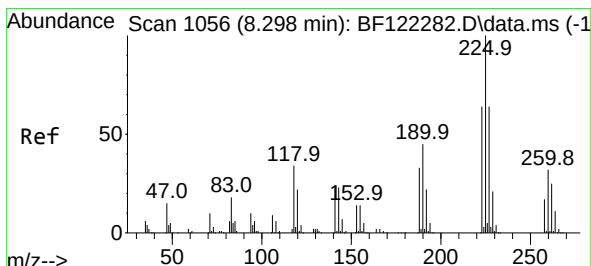
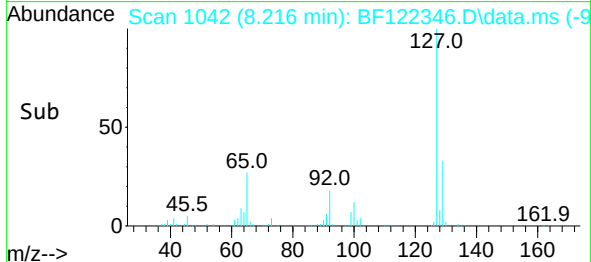
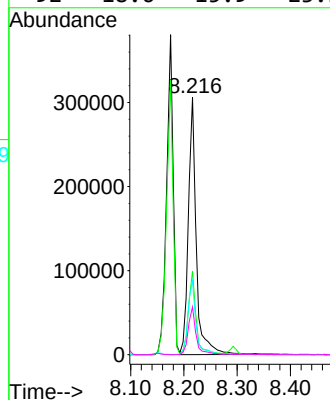
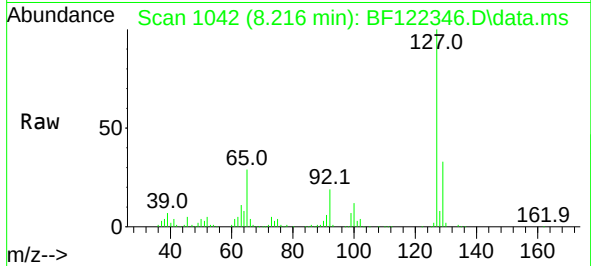
#33  
4-Chloroaniline  
Concen: 13.95 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 318109 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.5  | 26.3  | 39.5   |
| 65        | 28.9  | 26.2  | 39.2   |
| 92        | 18.6  | 15.9  | 23.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

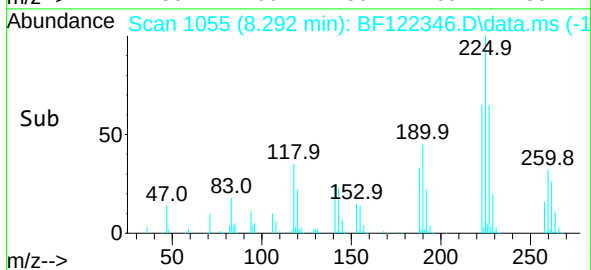
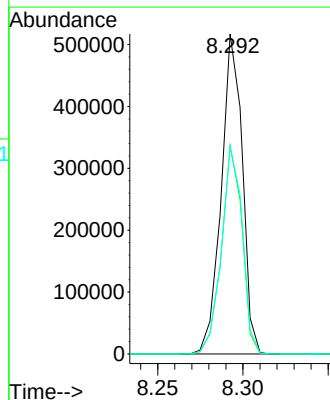
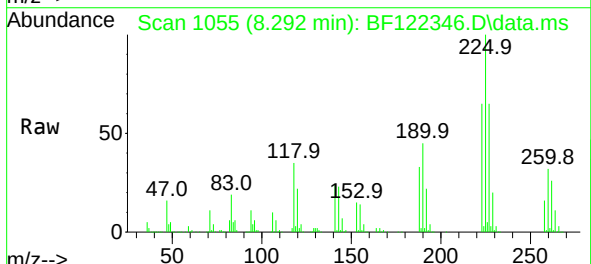
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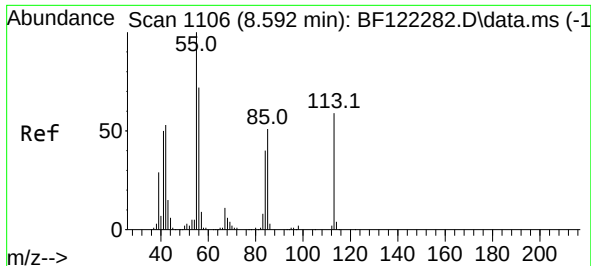
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#34  
Hexachlorobutadiene  
Concen: 46.76 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 444285 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 65.1  | 51.1  | 76.7   |
| 227       | 64.7  | 51.0  | 76.6   |





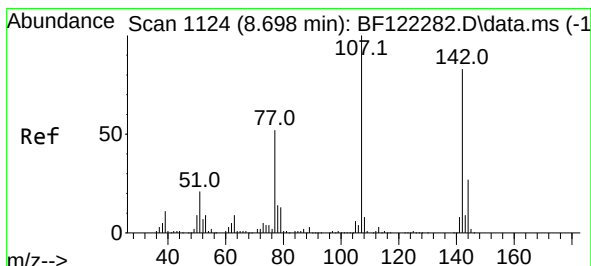
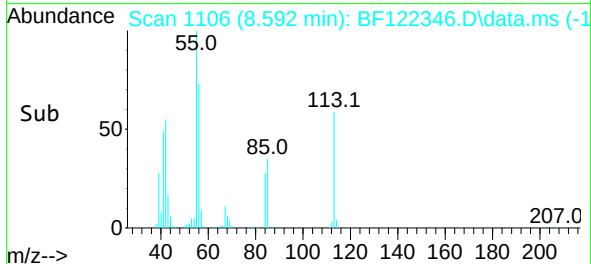
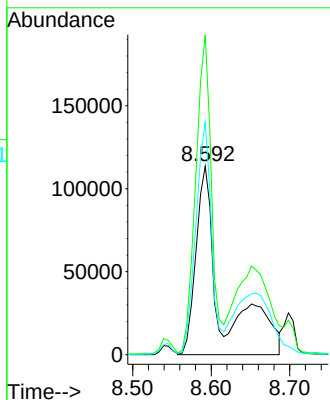
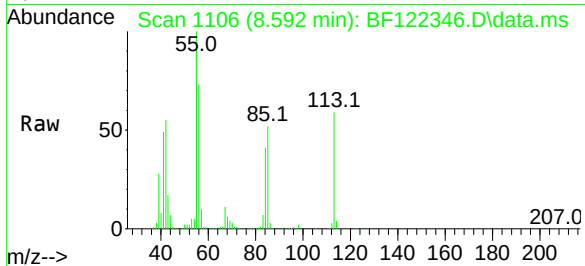
#35  
Caprolactam  
Concen: 54.28 ng m  
RT: 8.592 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:113 Resp: 257655  
Ion Ratio Lower Upper  
113 100  
55 169.8 167.5 207.5  
56 123.3 121.2 161.2

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

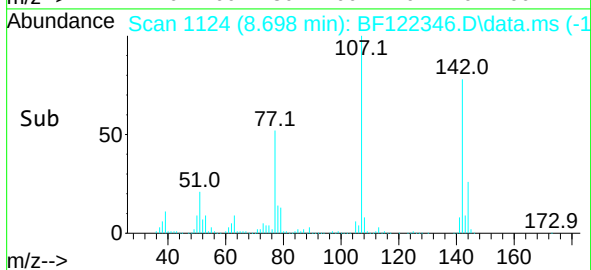
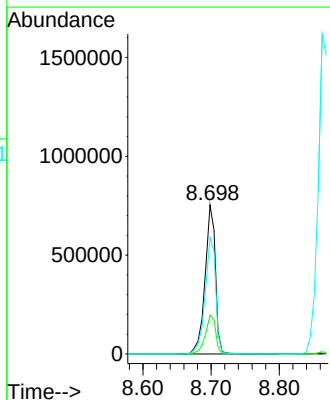
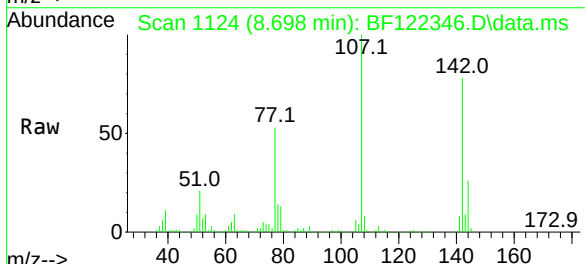
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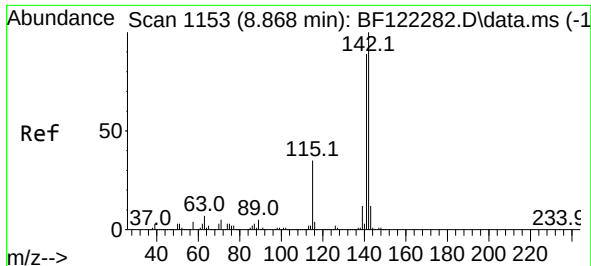
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#36  
4-Chloro-3-methylphenol  
Concen: 50.93 ng  
RT: 8.698 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

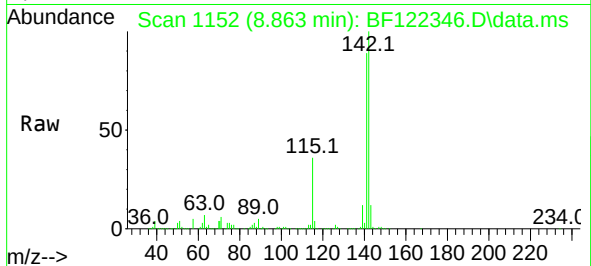
Tgt Ion:107 Resp: 795499  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.1 30.1  
142 78.3 59.3 88.9





#37  
2-Methylnaphthalene  
Concen: 47.21 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

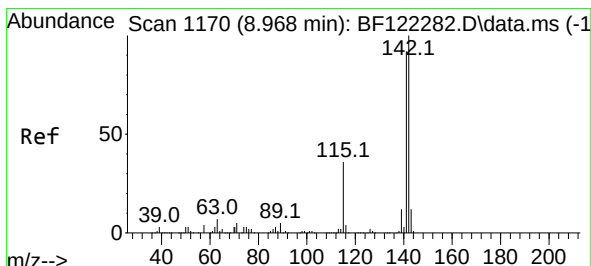
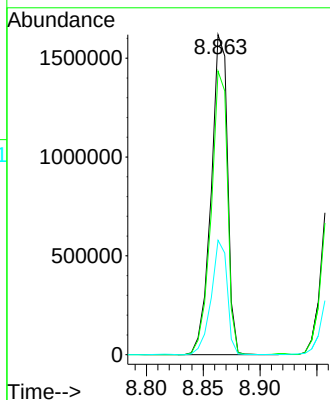
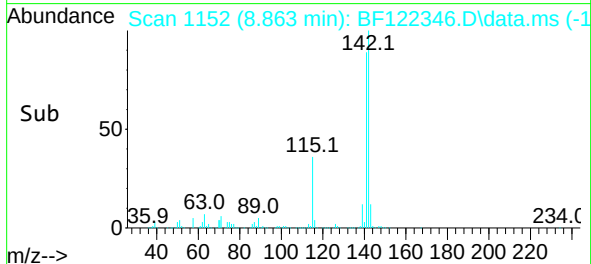


Tgt Ion:142 Resp: 1633172

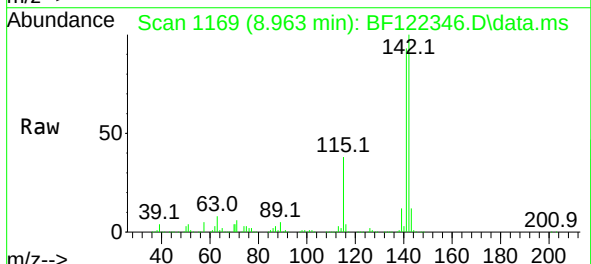
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.6  | 70.2  | 105.4 |
| 115 | 35.7  | 28.6  | 43.0  |

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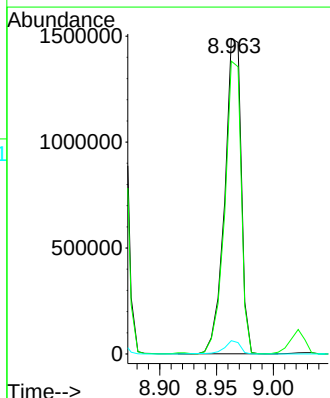
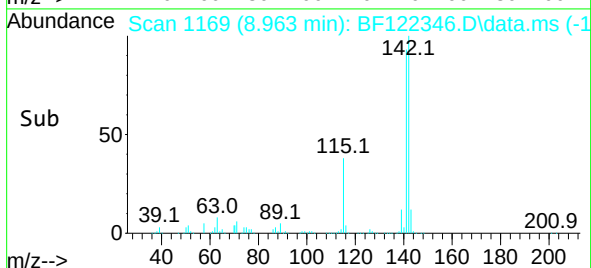


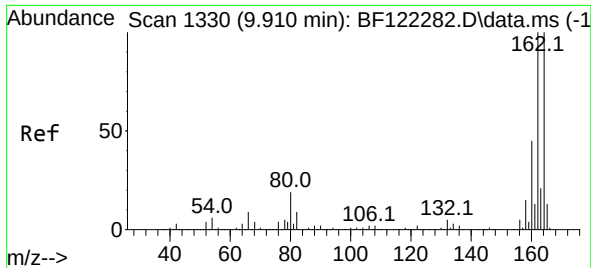
#38  
1-Methylnaphthalene  
Concen: 46.64 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:142 Resp: 1510253

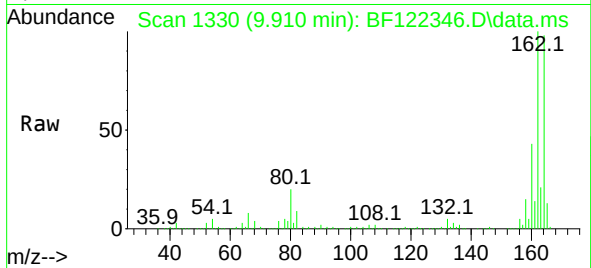
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.8  | 74.5  | 111.7 |
| 116 | 4.2   | 3.2   | 4.8   |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

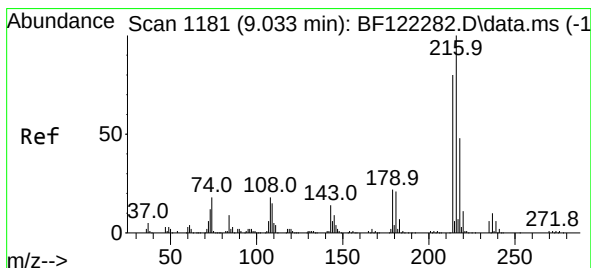
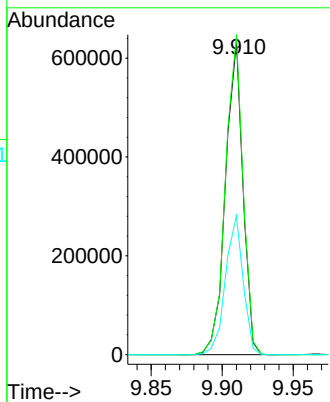
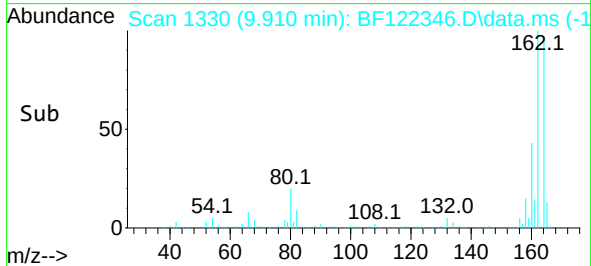
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



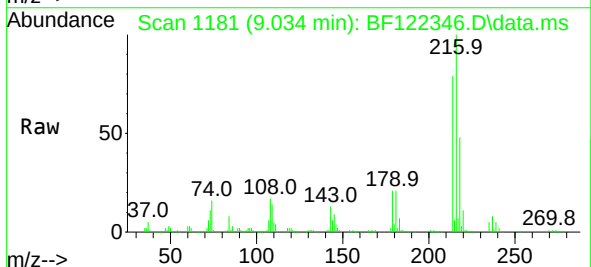
Tgt Ion:164 Resp: 540763  
Ion Ratio Lower Upper  
164 100  
162 102.3 83.2 124.8  
160 44.4 37.5 56.3

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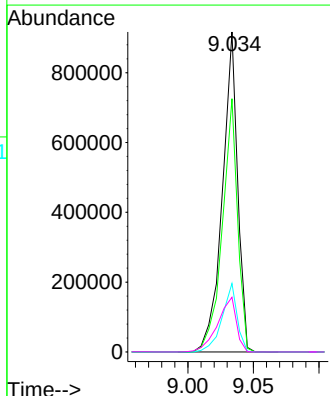
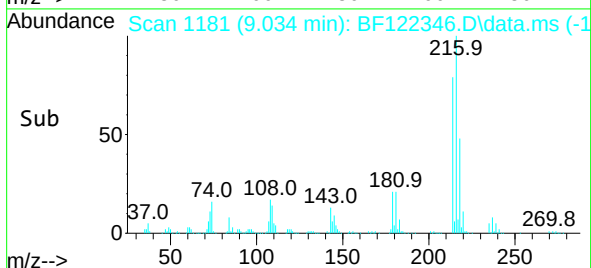
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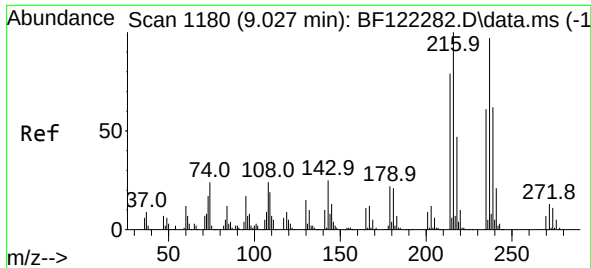


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.56 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:216 Resp: 742596  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.4 95.2  
179 21.0 17.0 25.6  
108 20.9 15.5 23.3





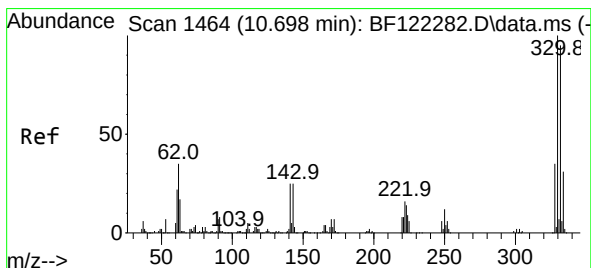
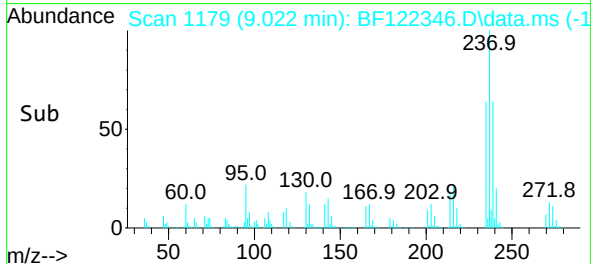
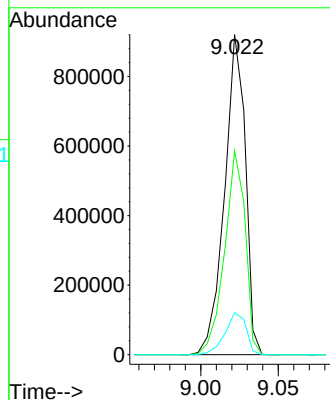
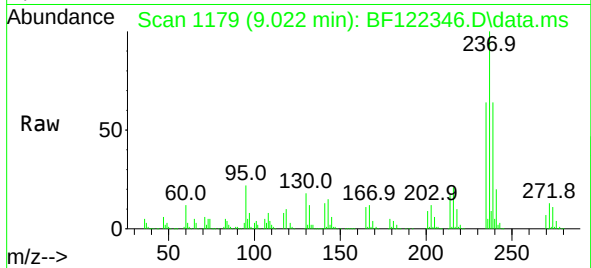
#41  
Hexachlorocyclopentadiene  
Concen: 88.06 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 237 Resp: 857944  
Ion Ratio Lower Upper  
237 100  
235 63.7 41.8 81.8  
272 13.2 0.0 33.5

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

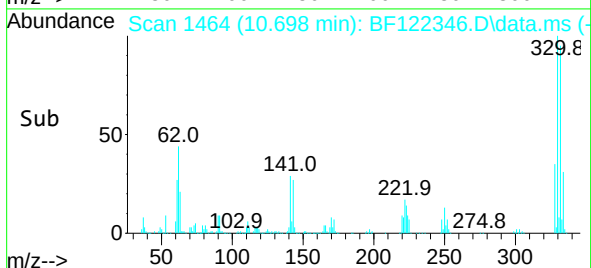
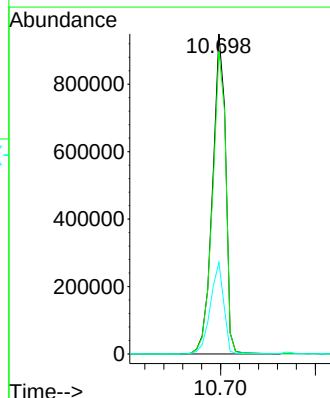
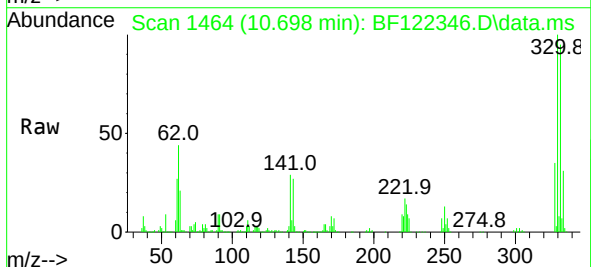
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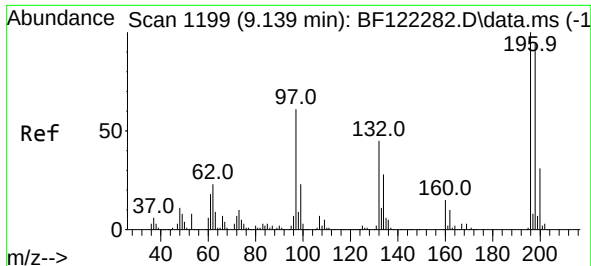


#42  
2,4,6-Tribromophenol  
Concen: 156.60 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion: 330 Resp: 908882  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 29.3 22.3 33.5







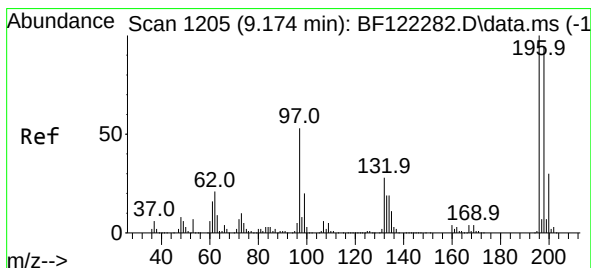
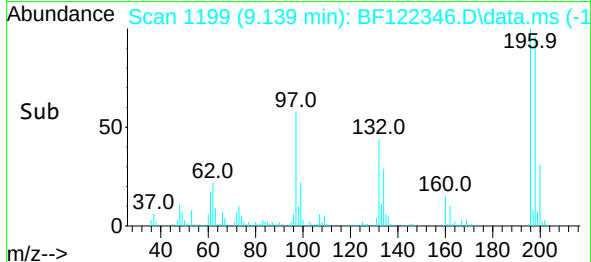
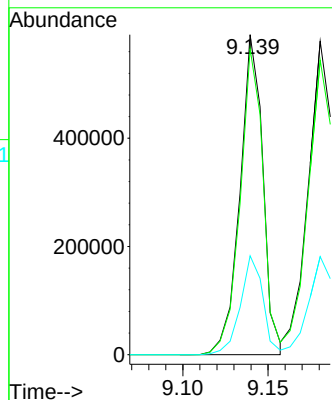
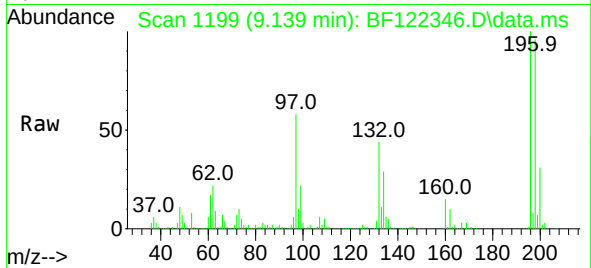
#43  
2,4,6-Trichlorophenol  
Concen: 51.14 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:196 Resp: 553433  
Ion Ratio Lower Upper  
196 100  
198 95.6 75.8 113.6  
200 30.9 24.6 36.8

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

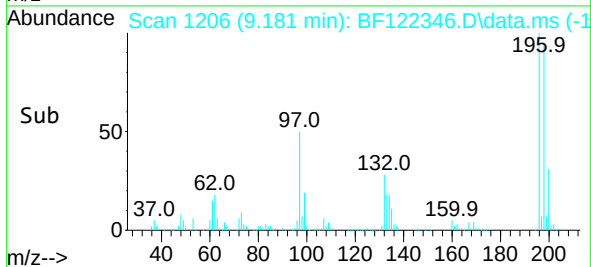
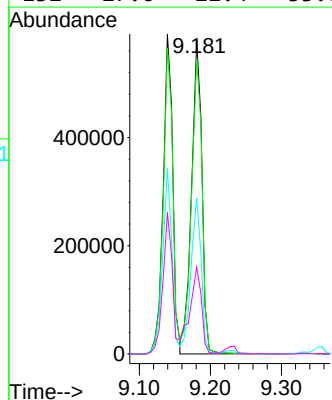
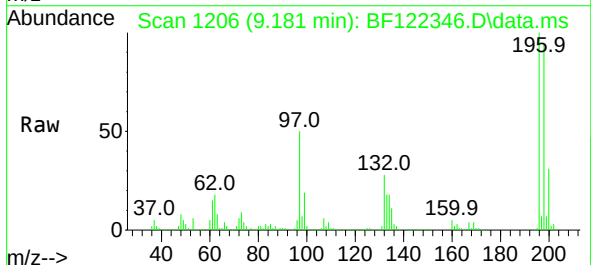
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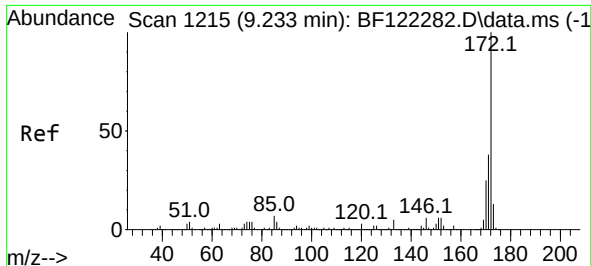
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#44  
2,4,5-Trichlorophenol  
Concen: 52.05 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:196 Resp: 590507  
Ion Ratio Lower Upper  
196 100  
198 94.0 76.1 114.1  
97 49.8 41.0 61.6  
132 27.6 22.4 33.6





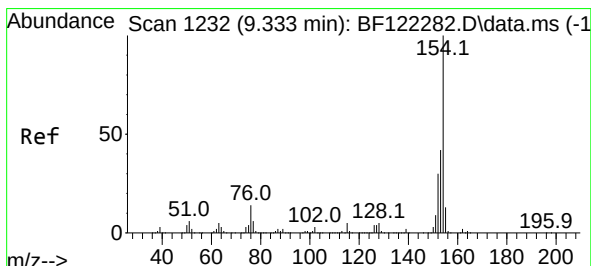
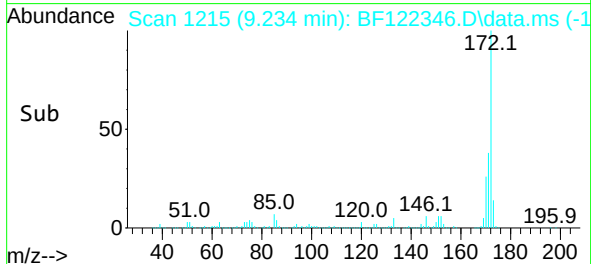
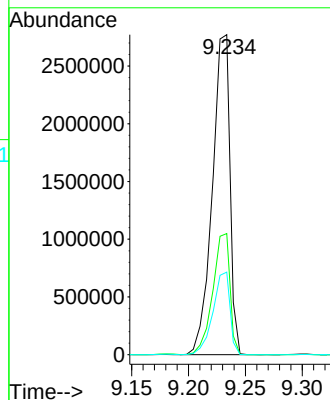
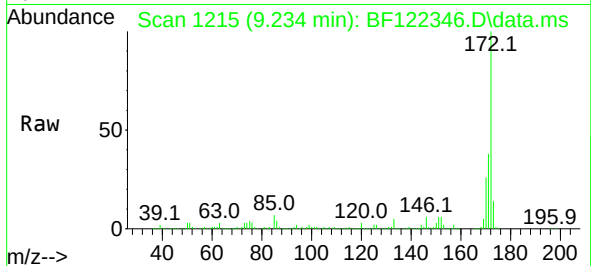
#45  
2-Fluorobiphenyl  
Concen: 86.49 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:172 Resp: 2993296  
Ion Ratio Lower Upper  
172 100  
171 37.8 29.1 43.7  
170 25.8 19.8 29.6

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

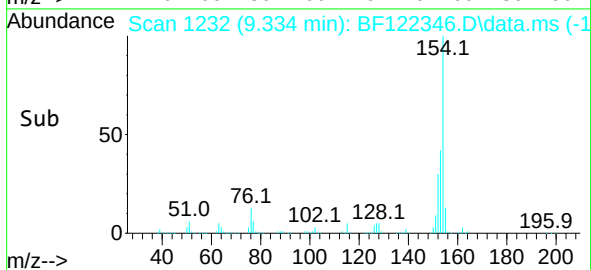
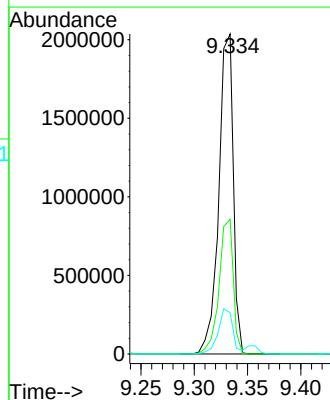
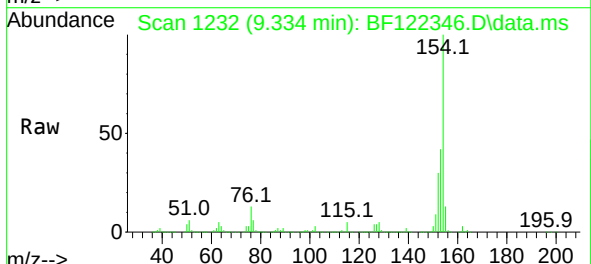
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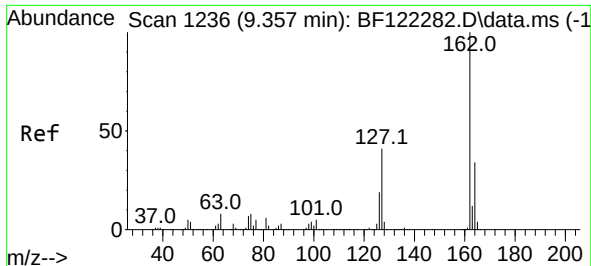
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#46  
1,1'-Biphenyl  
Concen: 44.51 ng  
RT: 9.334 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

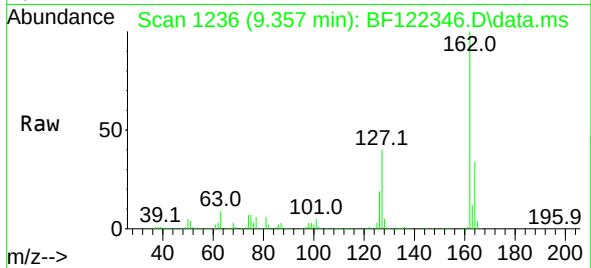
Tgt Ion:154 Resp: 1916051  
Ion Ratio Lower Upper  
154 100  
153 42.1 21.3 61.3  
76 12.9 0.0 34.7





#47  
2-Chloronaphthalene  
Concen: 45.50 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

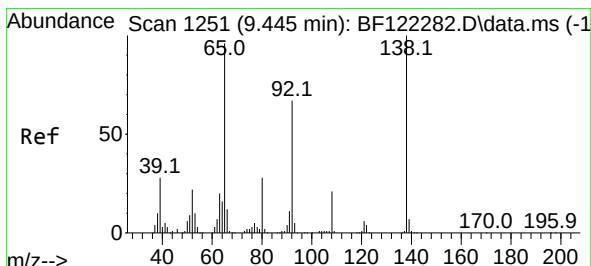
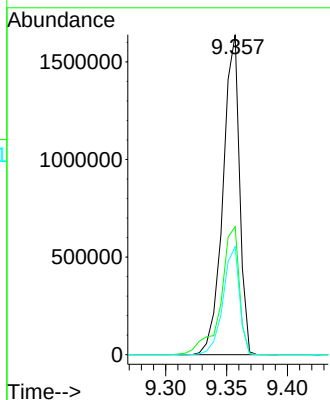
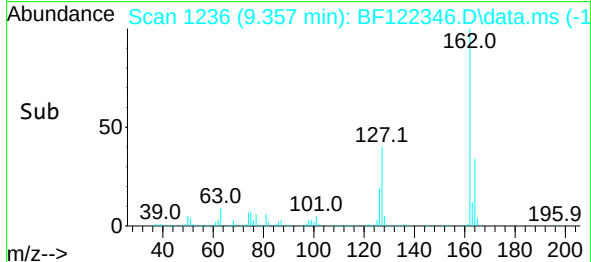
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



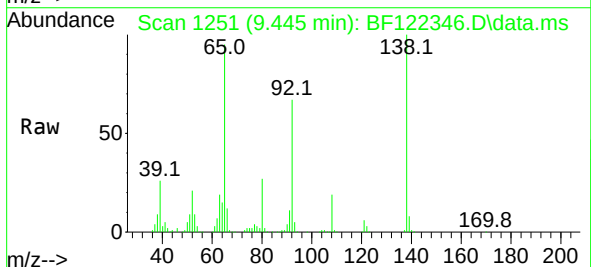
Tgt Ion:162 Resp: 1554416  
Ion Ratio Lower Upper  
162 100  
127 40.0 34.4 51.6  
164 33.7 26.3 39.5

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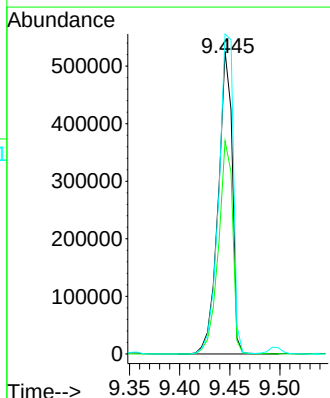
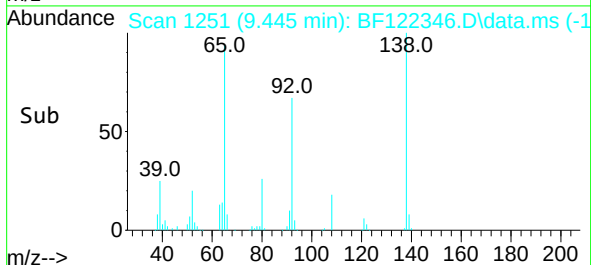
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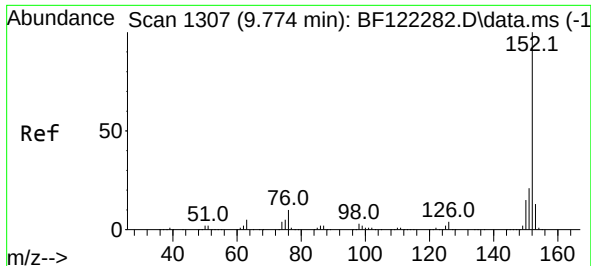


#48  
2-Nitroaniline  
Concen: 50.02 ng  
RT: 9.445 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion: 65 Resp: 511548  
Ion Ratio Lower Upper  
65 100  
92 70.5 55.1 82.7  
138 105.8 80.5 120.7





#49

Acenaphthylene

Concen: 46.14 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF122346.D

Acq: 17 Nov 2020 15:15

Tgt Ion:152 Resp: 2422848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.3  | 16.4  | 24.6  |
| 153 | 13.5  | 10.6  | 15.8  |

Instrument :

BNA\_F

ClientSampleId :

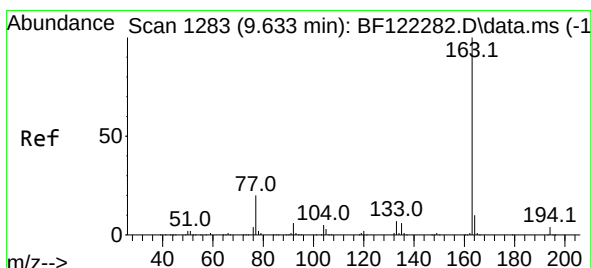
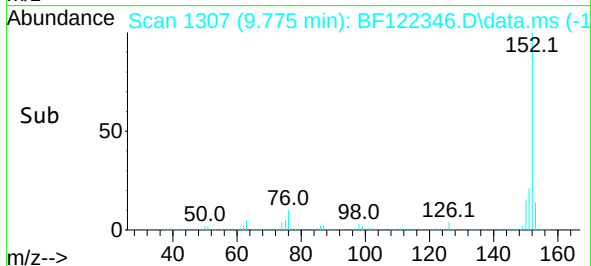
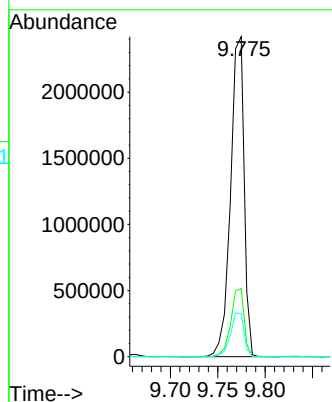
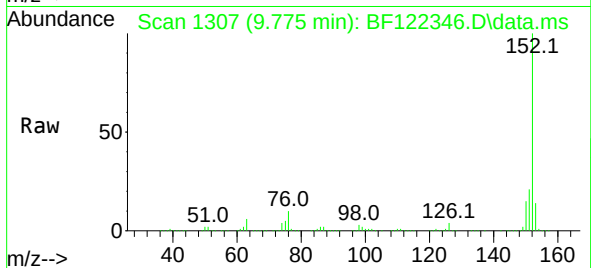
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#50

Dimethylphthalate

Concen: 62.62 ng

RT: 9.634 min Scan# 1283

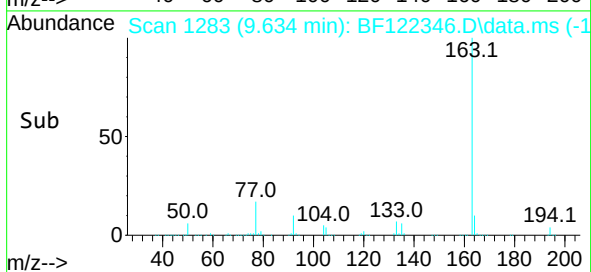
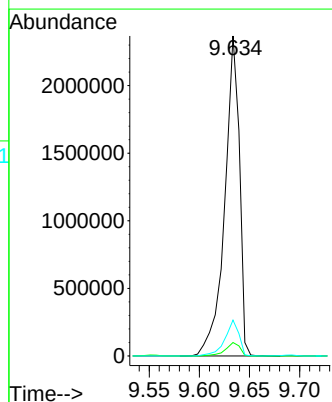
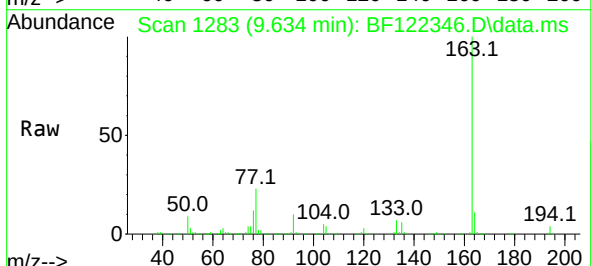
Delta R.T. 0.000 min

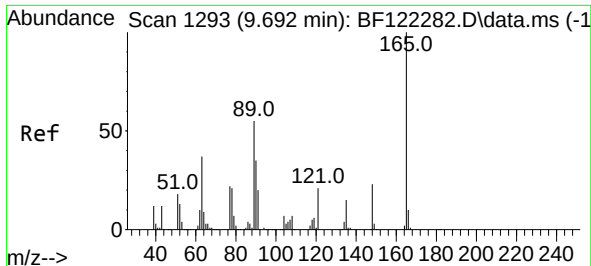
Lab File: BF122346.D

Acq: 17 Nov 2020 15:15

Tgt Ion:163 Resp: 2407037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.3   | 4.9   |
| 164 | 11.2  | 8.2   | 12.4  |





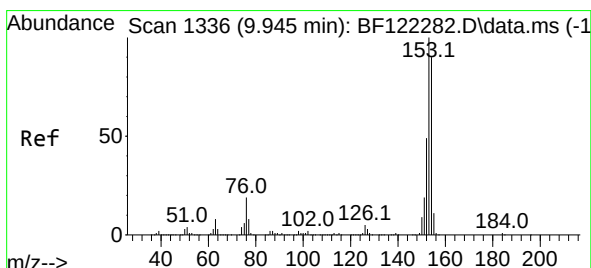
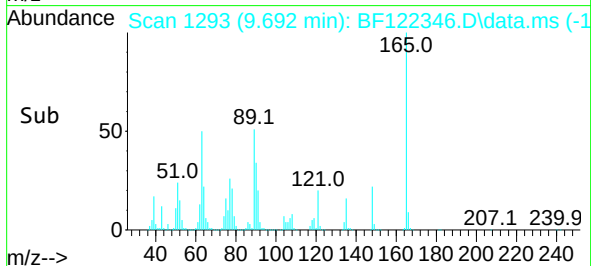
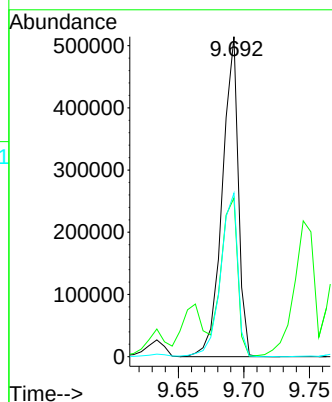
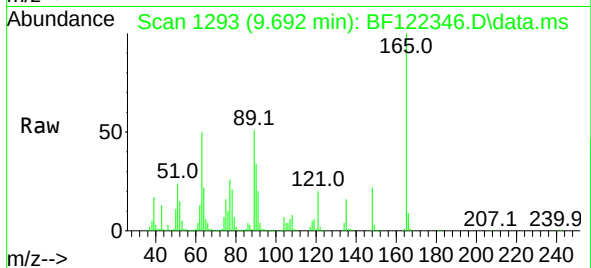
#51  
2,6-Dinitrotoluene  
Concen: 50.78 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:165 Resp: 436467  
Ion Ratio Lower Upper  
165 100  
63 49.6 51.8 77.6#  
89 51.1 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

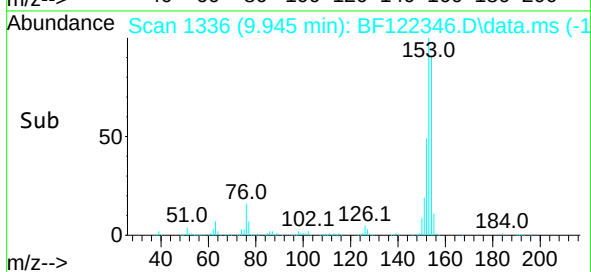
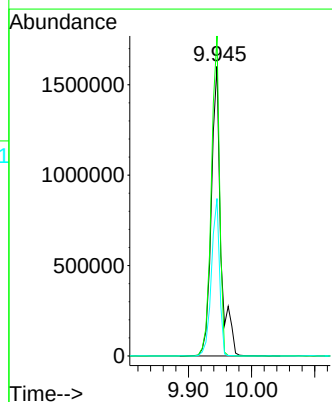
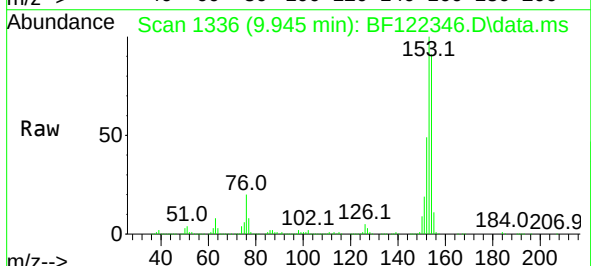
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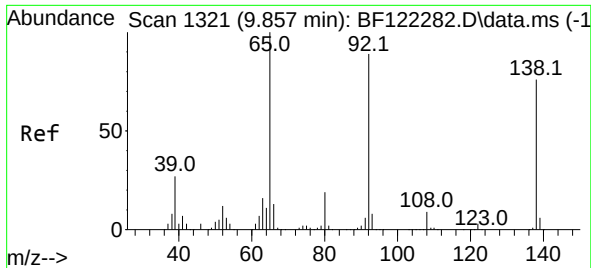
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#52  
Acenaphthene  
Concen: 51.44 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:154 Resp: 1671791  
Ion Ratio Lower Upper  
154 100  
153 110.5 89.8 134.8  
152 54.3 43.2 64.8





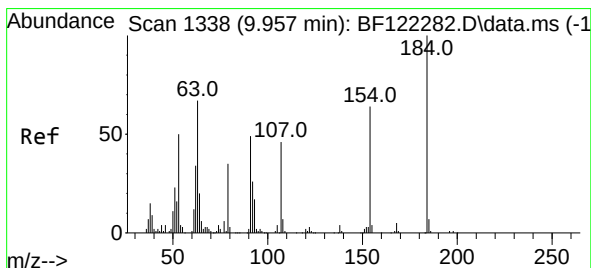
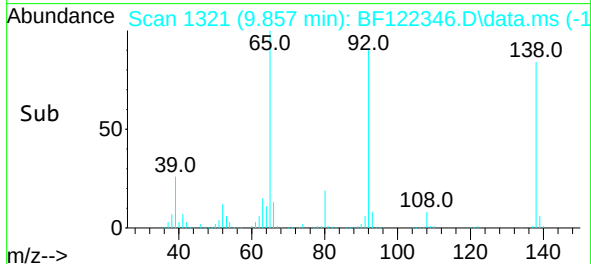
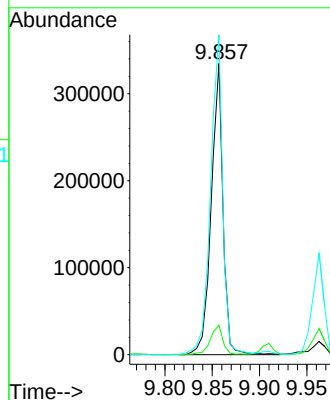
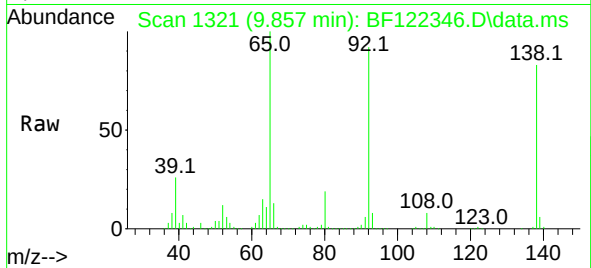
#53  
3-Nitroaniline  
Concen: 30.92 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:138 Resp: 287948  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.6 13.0  
92 109.9 96.6 144.8

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

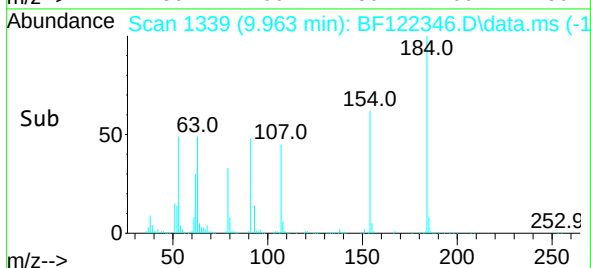
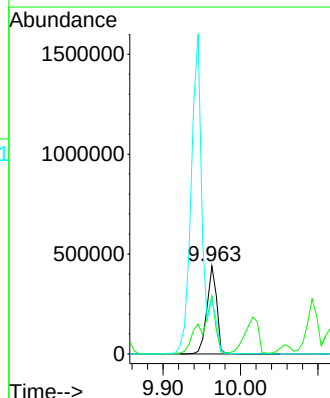
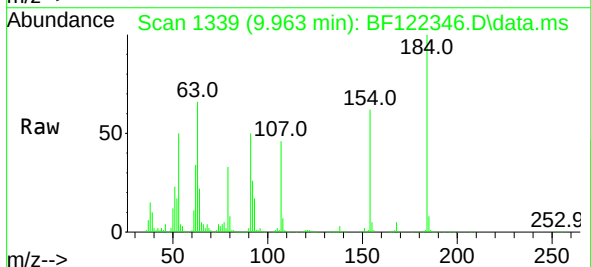
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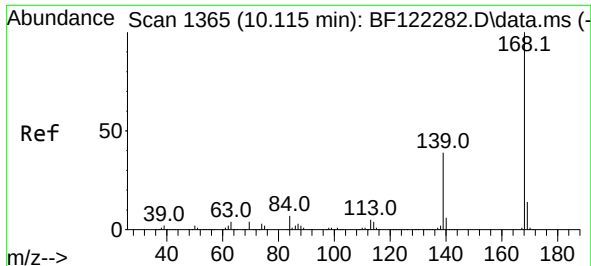
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#54  
2,4-Dinitrophenol  
Concen: 95.39 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:184 Resp: 387212  
Ion Ratio Lower Upper  
184 100  
63 66.2 45.9 68.9  
154 62.3 45.8 68.6





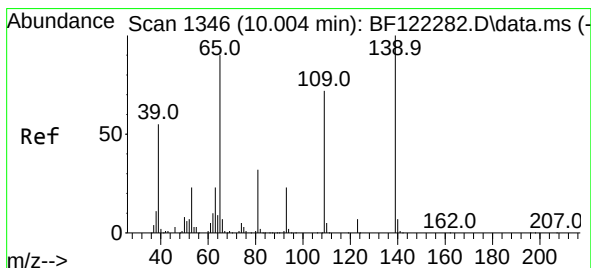
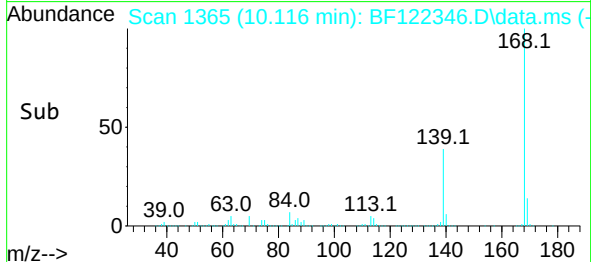
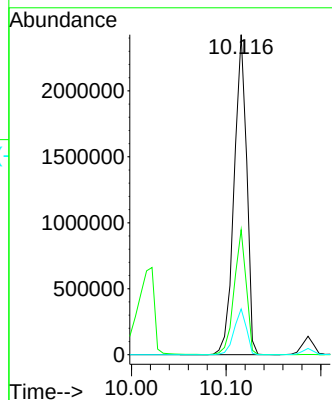
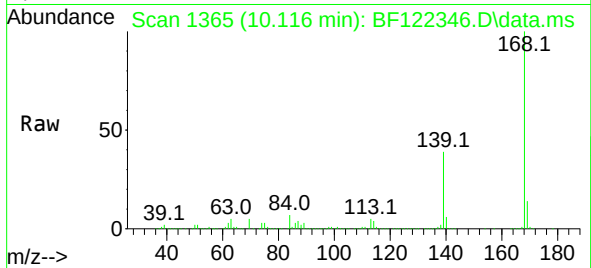
#55  
Dibenzofuran  
Concen: 46.70 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:168 Resp: 2223578  
Ion Ratio Lower Upper  
168 100  
139 39.0 31.0 46.6  
169 14.3 11.3 16.9

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

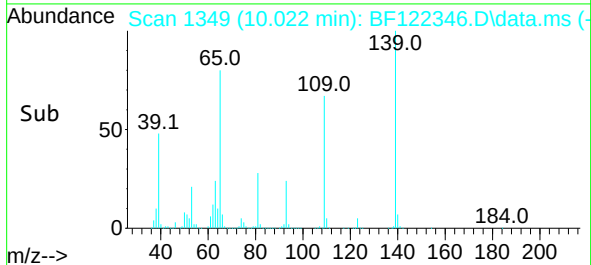
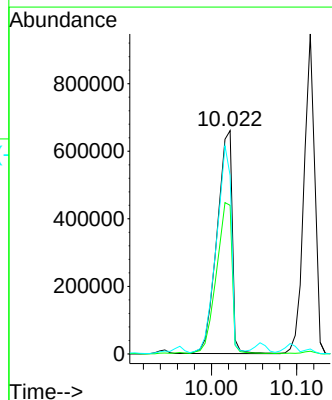
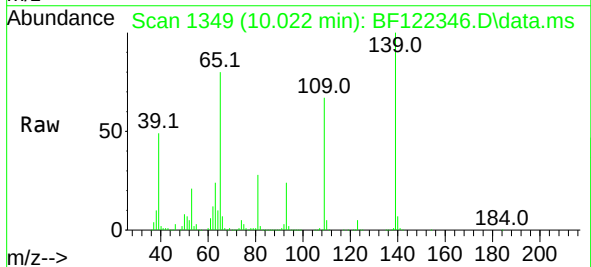
Manual Integrations  
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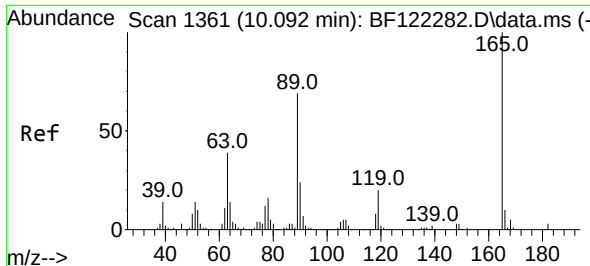
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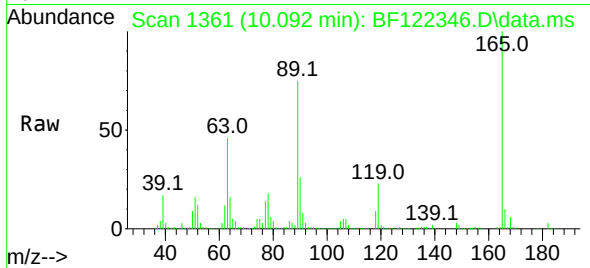
#56  
4-Nitrophenol  
Concen: 96.03 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. 0.018 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:139 Resp: 814834  
Ion Ratio Lower Upper  
139 100  
109 66.6 45.4 85.4  
65 79.9 68.4 108.4

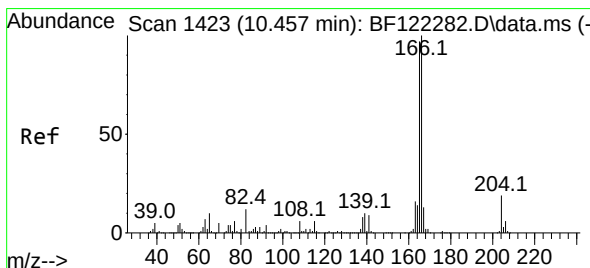
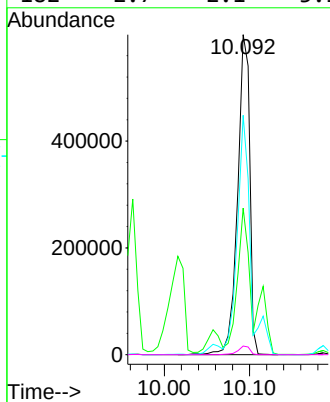
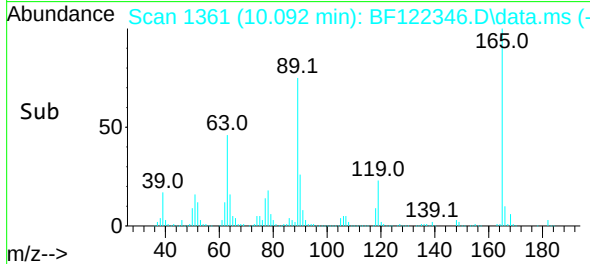




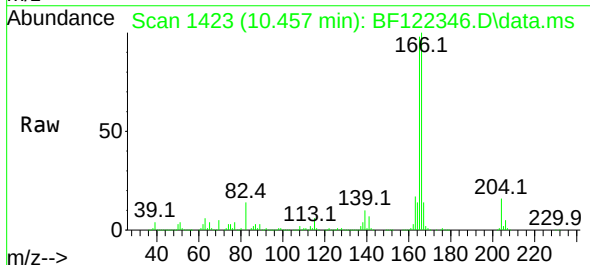
#57  
2,4-Dinitrotoluene  
Concen: 54.32 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



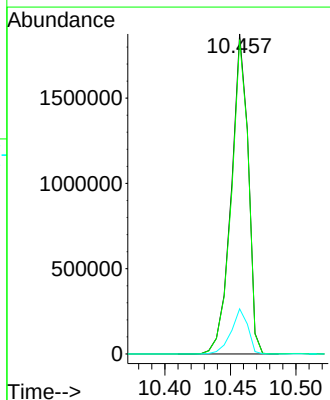
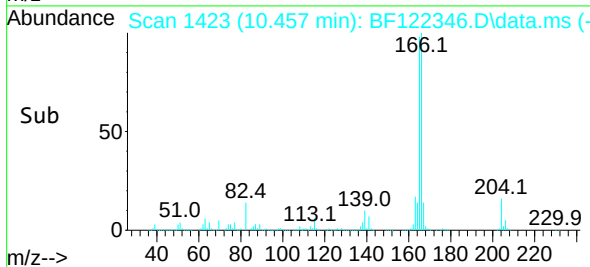
Tgt Ion:165 Resp: 592964  
Ion Ratio Lower Upper  
165 100  
63 45.8 41.3 61.9  
89 74.8 61.8 92.8  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 46.23 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:166 Resp: 1685739  
Ion Ratio Lower Upper  
166 100  
165 98.2 79.1 118.7  
167 14.1 11.0 16.6

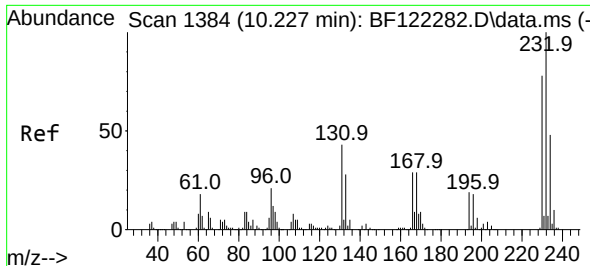


Instrument :  
BNA\_F  
ClientSampleId :  
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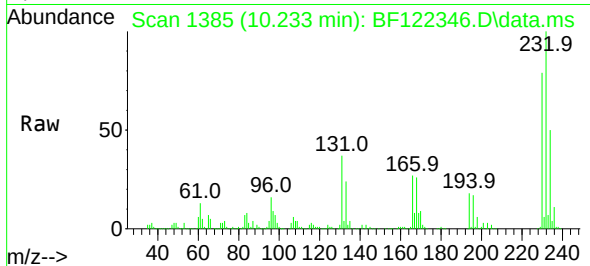
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#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.36 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

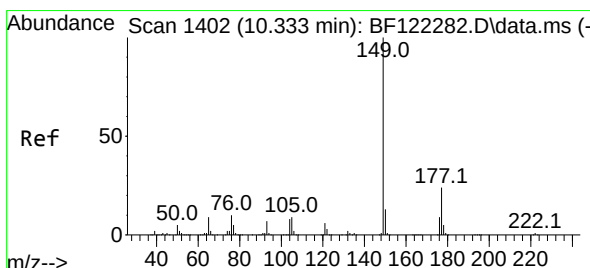
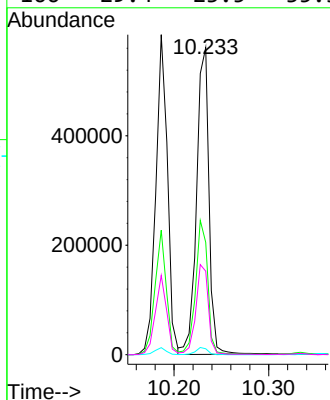
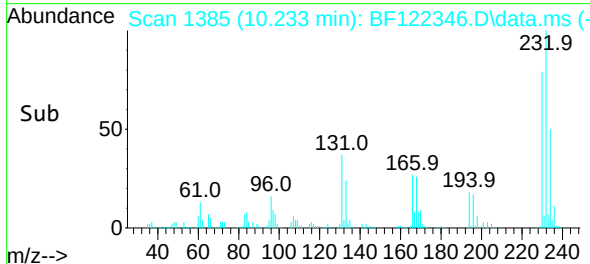
Instrument :  
BNA\_F  
ClientSampleId :  
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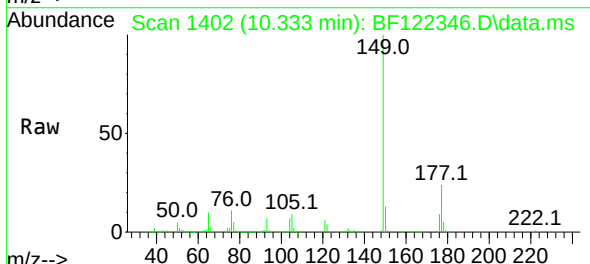
Tgt Ion:232 Resp: 512857  
Ion Ratio Lower Upper  
232 100  
131 43.2 35.9 53.9  
130 2.2 1.8 2.6  
166 29.4 23.5 35.3

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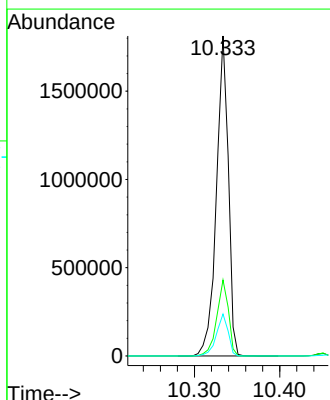
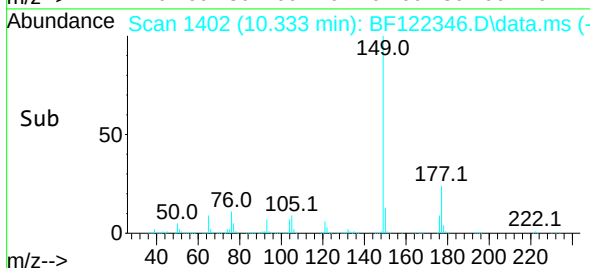
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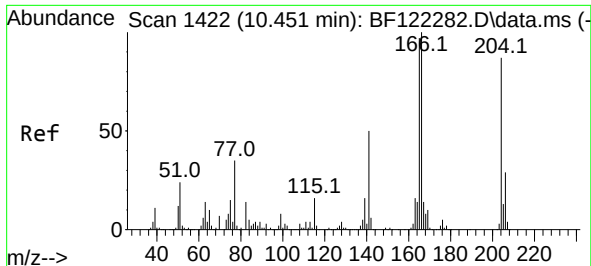


#60  
Diethylphthalate  
Concen: 46.58 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



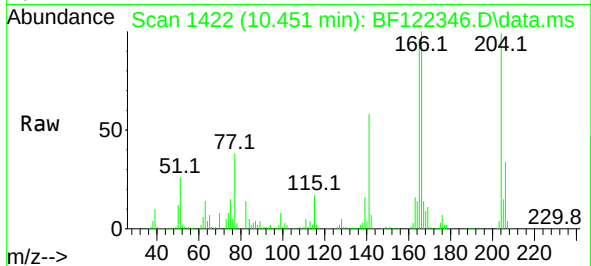
Tgt Ion:149 Resp: 1756365  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.1 27.1  
150 13.1 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 46.86 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

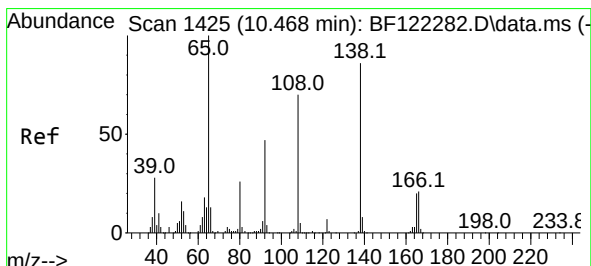
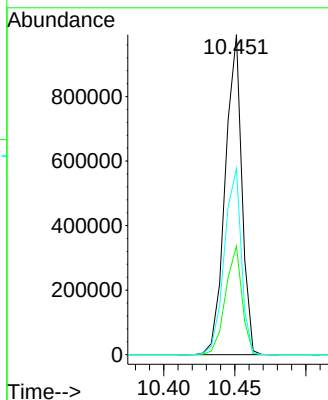
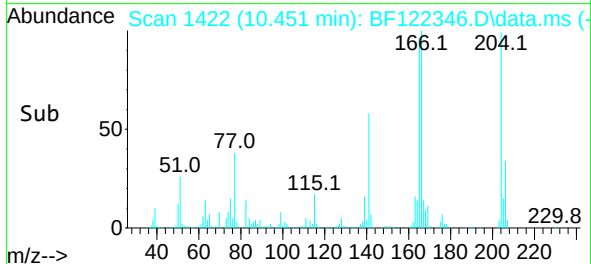
Instrument :  
BNA\_F  
ClientSampleId :  
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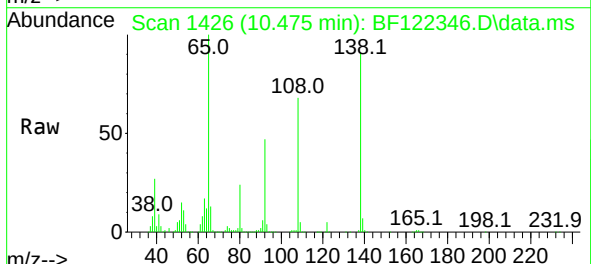
Tgt Ion:204 Resp: 806587  
Ion Ratio Lower Upper  
204 100  
206 33.9 26.0 39.0  
141 58.1 46.2 69.4

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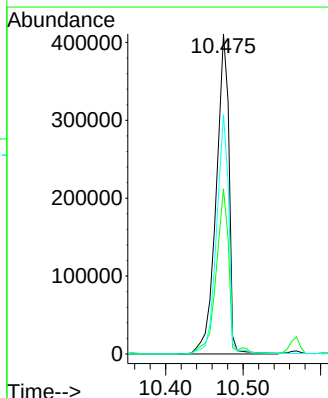
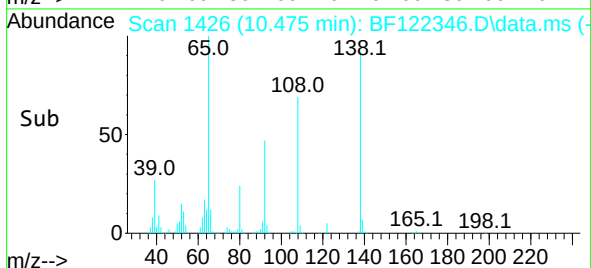
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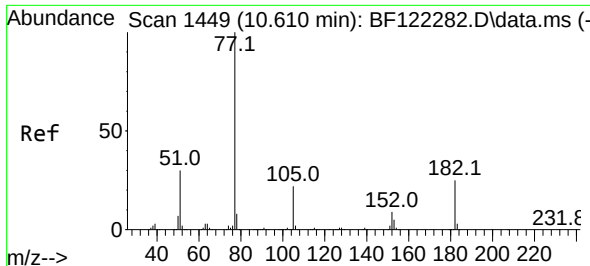


#62  
4-Nitroaniline  
Concen: 49.42 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.007 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

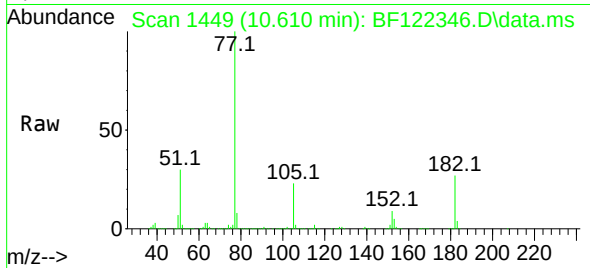


Tgt Ion:138 Resp: 472107  
Ion Ratio Lower Upper  
138 100  
92 51.6 31.0 71.0  
108 74.8 51.5 91.5

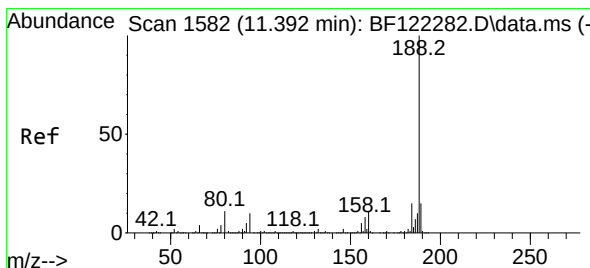
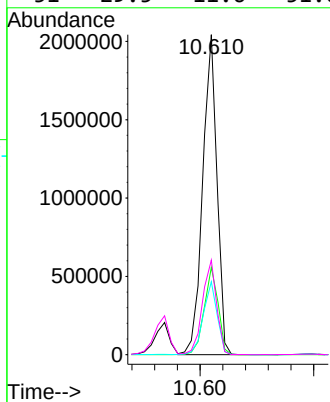
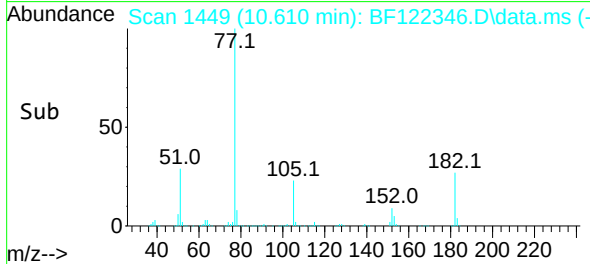




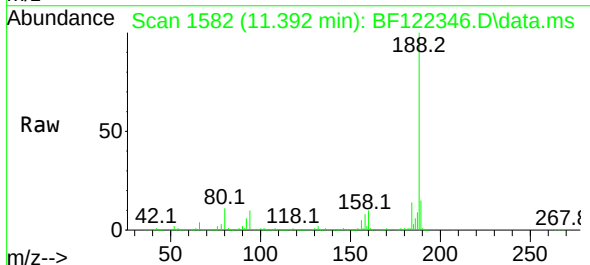
#63  
Azobenzene  
Concen: 44.96 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



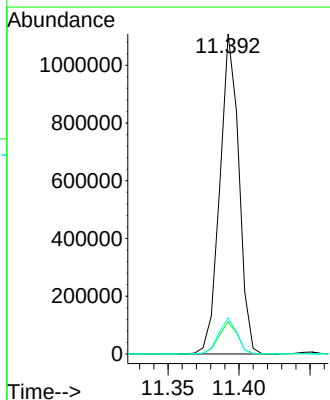
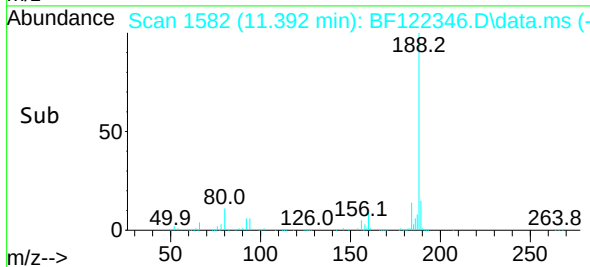
Tgt Ion: 77 Resp: 1778458  
Ion Ratio Lower Upper  
77 100  
182 27.3 3.4 43.4  
105 22.8 1.7 41.7  
51 29.5 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



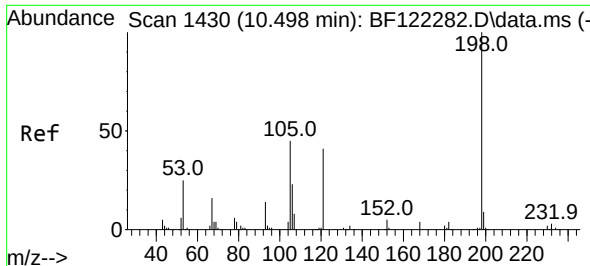
Tgt Ion: 188 Resp: 1029679  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.3 12.5  
80 11.3 9.1 13.7



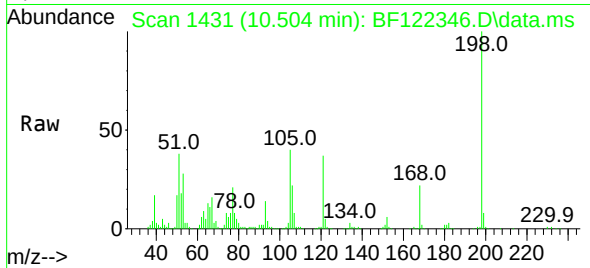
Instrument :  
BNA\_F  
ClientSampleId :  
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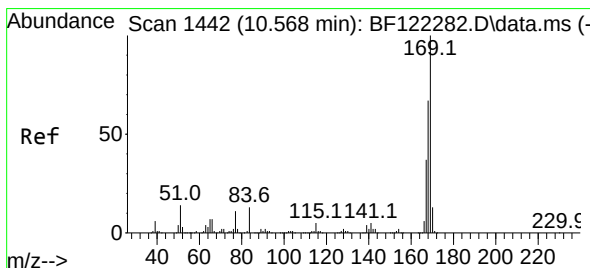
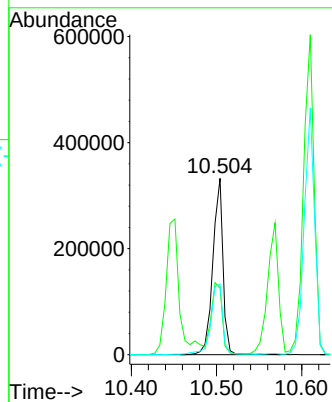
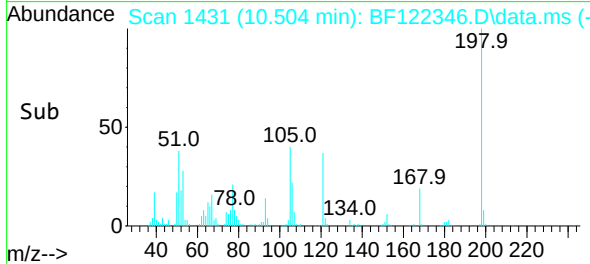
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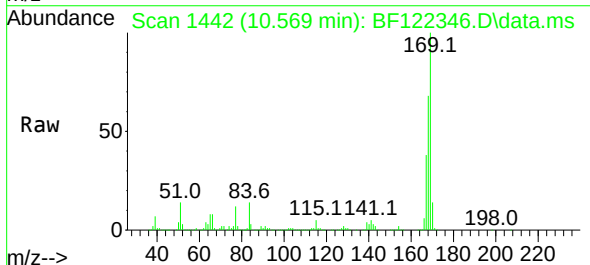
#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.27 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



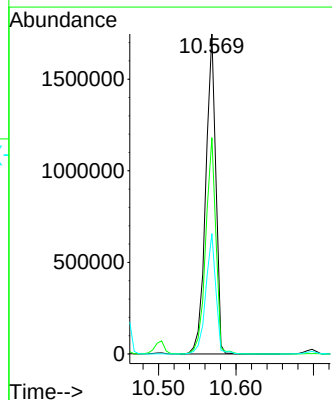
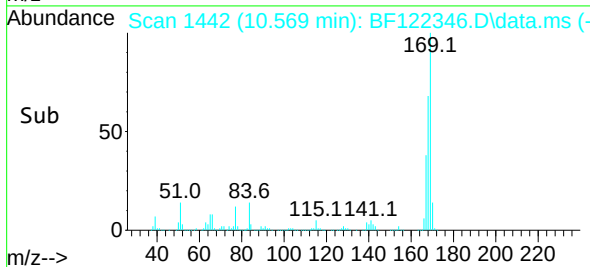
Tgt Ion:198 Resp: 275990  
Ion Ratio Lower Upper  
198 100  
51 37.8 29.6 69.6  
105 40.1 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 45.00 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



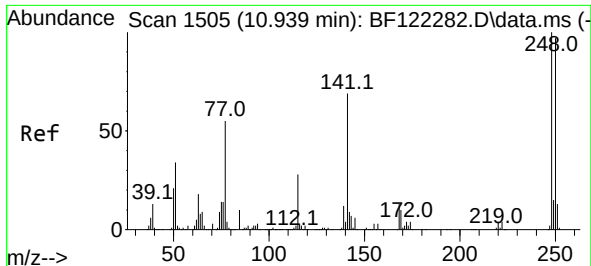
Tgt Ion:169 Resp: 1578713  
Ion Ratio Lower Upper  
169 100  
168 67.6 50.0 75.0  
167 37.6 27.8 41.6



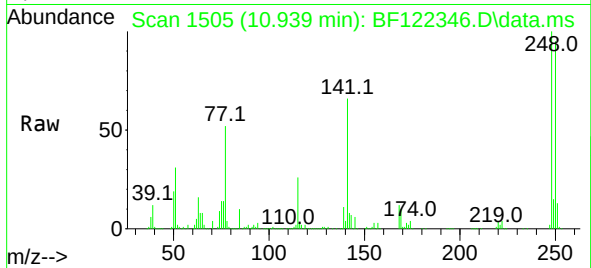
Instrument :  
BNA\_F  
ClientSampleId :  
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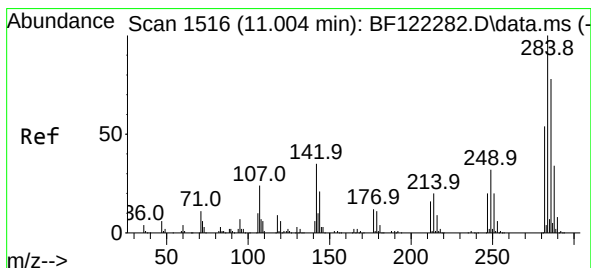
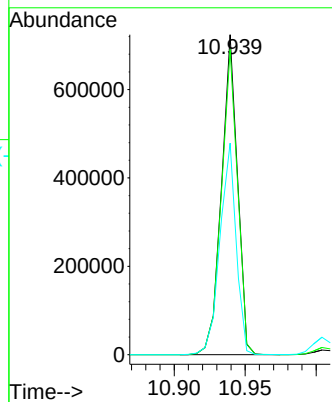
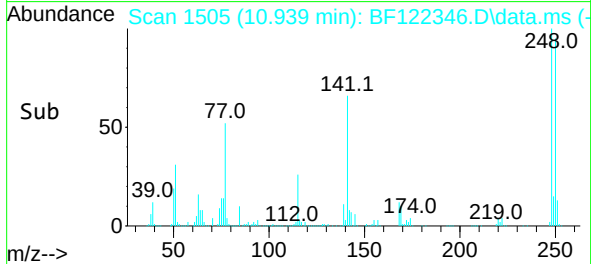
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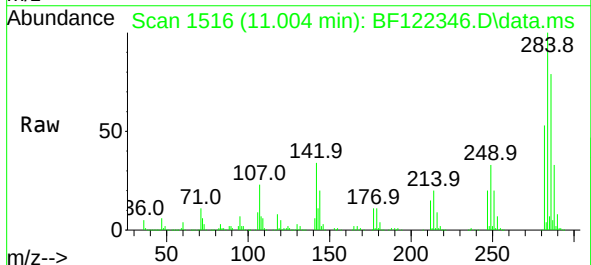
#67  
4-Bromophenyl-phenylether  
Concen: 46.85 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



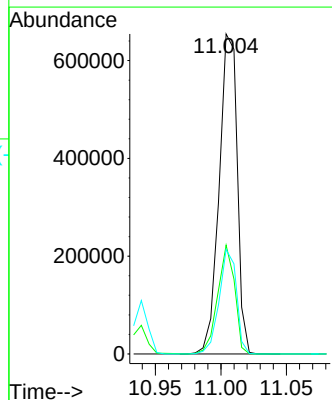
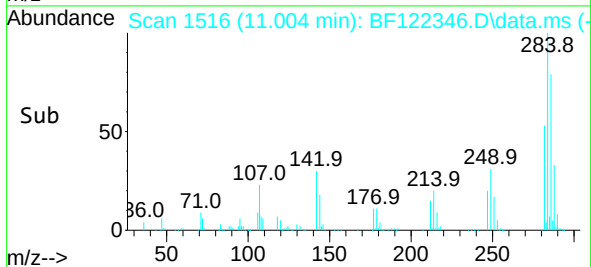
Tgt Ion:248 Resp: 566923  
Ion Ratio Lower Upper  
248 100  
250 95.4 77.0 115.6  
141 66.1 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 47.86 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



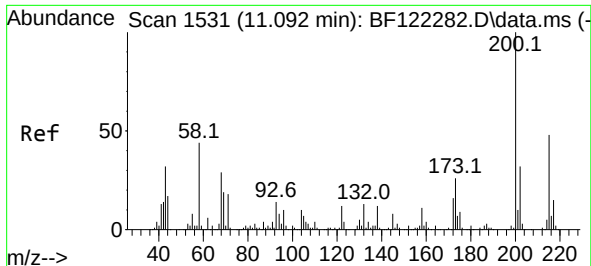
Tgt Ion:284 Resp: 625683  
Ion Ratio Lower Upper  
284 100  
142 34.0 27.4 41.2  
249 32.6 24.2 36.4



Instrument :  
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ClientSampleId :  
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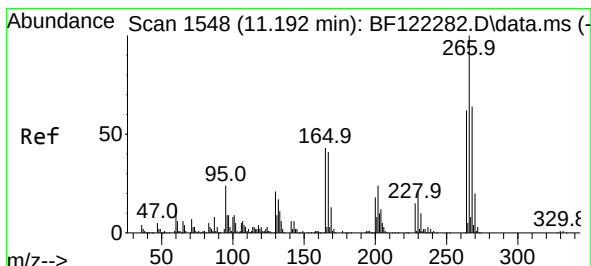
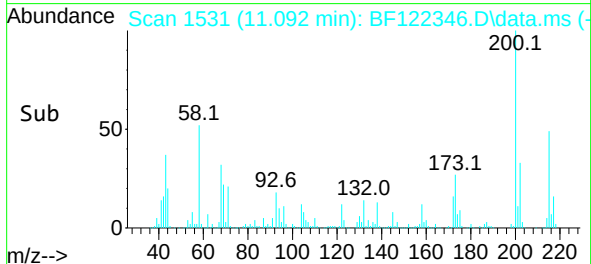
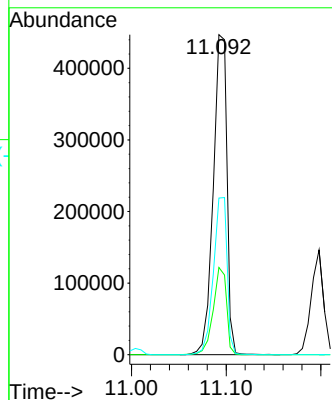
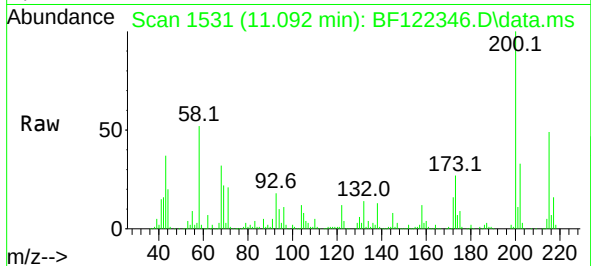
#69  
Atrazine  
Concen: 51.20 ng  
RT: 11.092 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:200 Resp: 447378  
Ion Ratio Lower Upper  
200 100  
173 27.2 7.5 47.5  
215 49.0 27.1 67.1

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

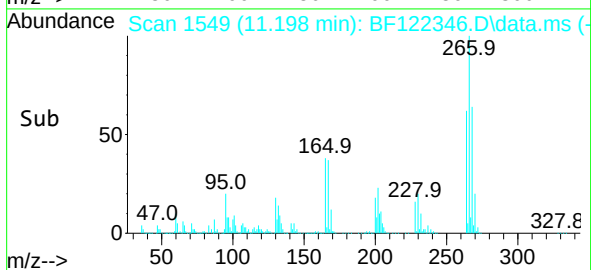
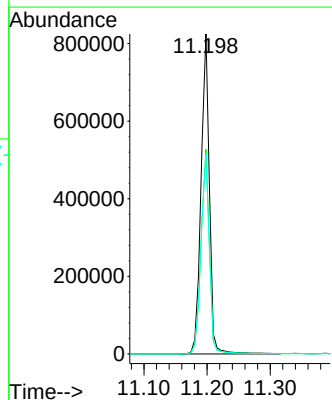
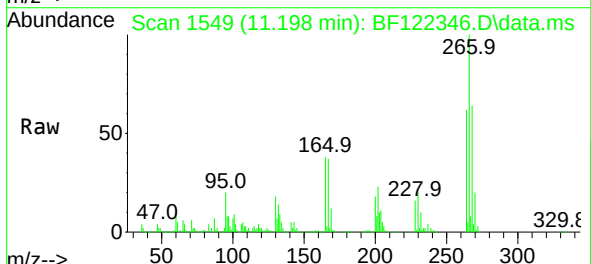
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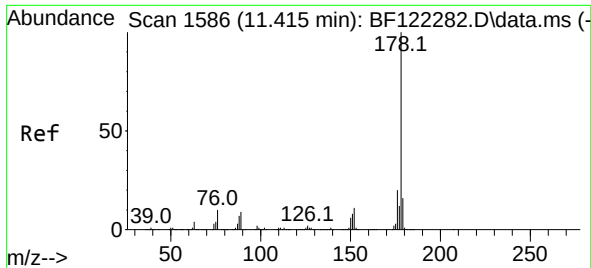
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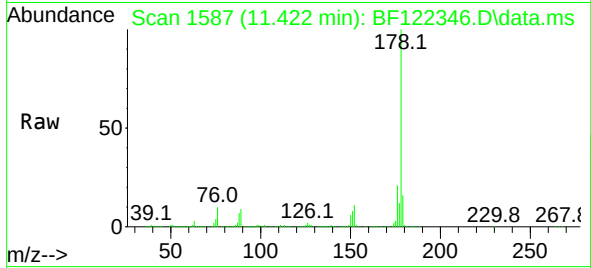
#70  
Pentachlorophenol  
Concen: 100.44 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:266 Resp: 756486  
Ion Ratio Lower Upper  
266 100  
268 64.0 52.4 78.6  
264 62.5 49.9 74.9

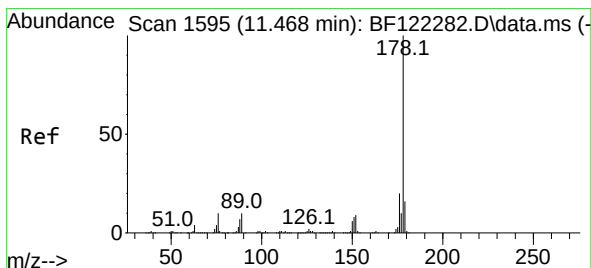
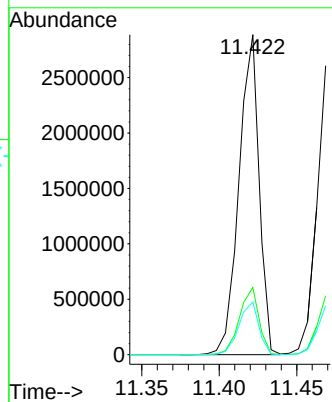
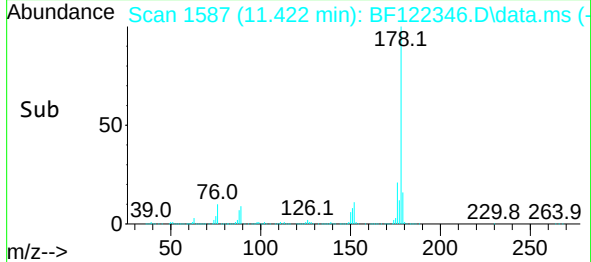




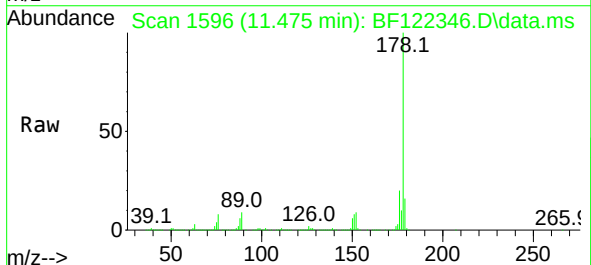
#71  
Phenanthrene  
Concen: 44.76 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



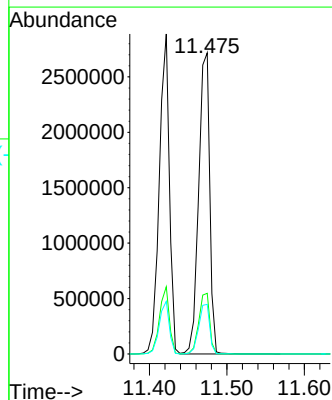
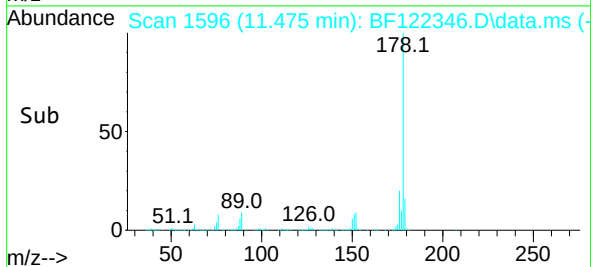
Tgt Ion:178 Resp: 2615164  
Ion Ratio Lower Upper  
178 100  
176 21.0 15.9 23.9  
179 16.4 12.2 18.4



#72  
Anthracene  
Concen: 44.56 ng  
RT: 11.475 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



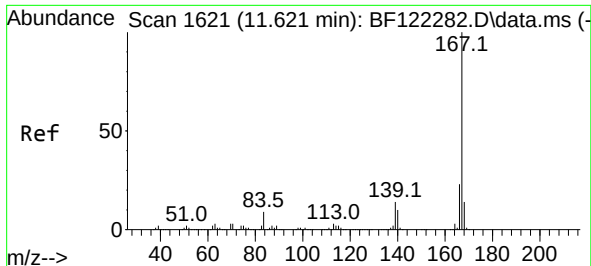
Tgt Ion:178 Resp: 2682948  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.7 23.5  
179 16.4 12.7 19.1



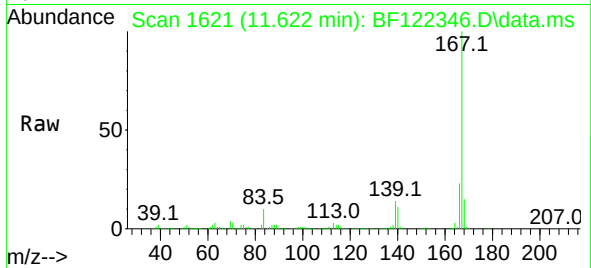
Instrument :  
BNA\_F  
ClientSampleId :  
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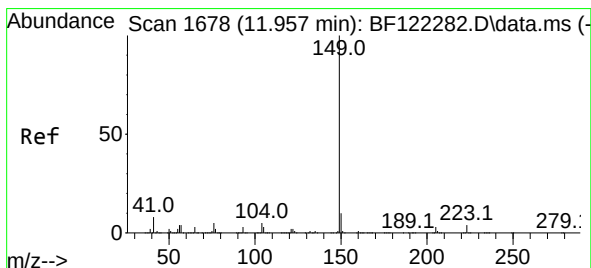
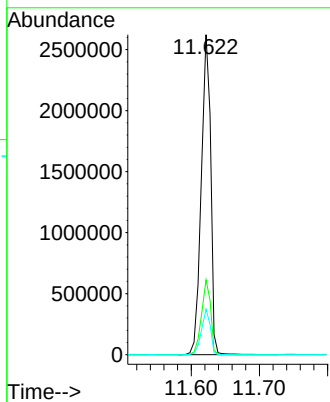
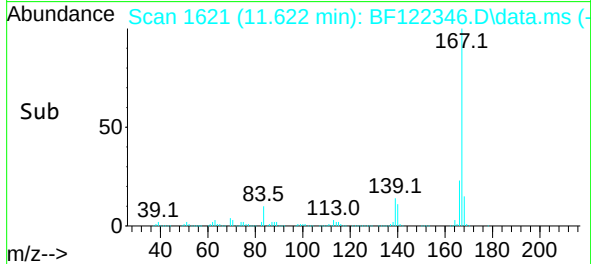


#73  
 Carbazole  
 Concen: 46.09 ng  
 RT: 11.622 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: BF122346.D  
 Acq: 17 Nov 2020 15:15

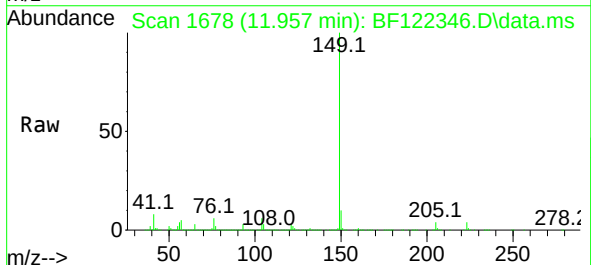


Tgt Ion:167 Resp: 2524659  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.4  | 17.8  | 26.6  |
| 139 | 14.3  | 10.8  | 16.2  |

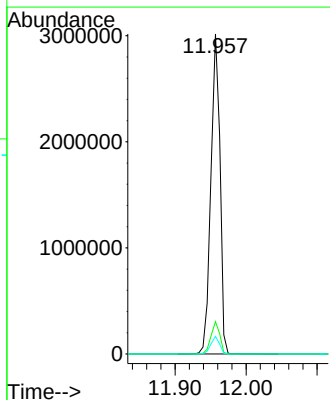
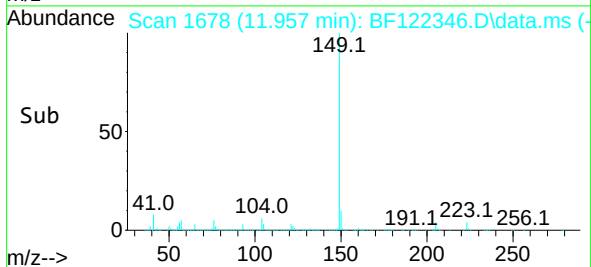


#74  
 Di-n-butylphthalate  
 Concen: 46.13 ng  
 RT: 11.957 min Scan# 1678  
 Delta R.T. -0.000 min  
 Lab File: BF122346.D  
 Acq: 17 Nov 2020 15:15



Tgt Ion:149 Resp: 2693571  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 7.7   | 11.5  |
| 104 | 5.5   | 4.2   | 6.2   |

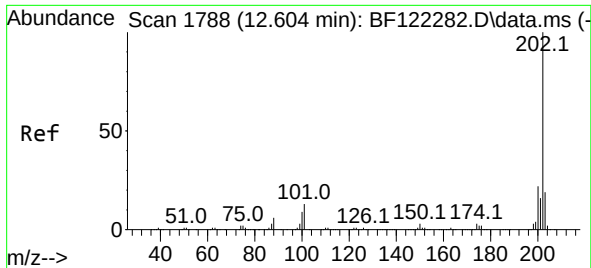


Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMS

Manual Integrations  
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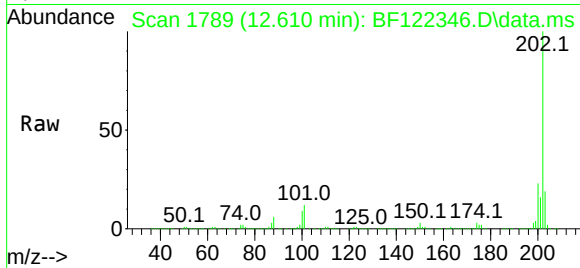
mohammad  
 11/19/2020 10:28:45 AM





#75  
Fluoranthene  
Concen: 46.42 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

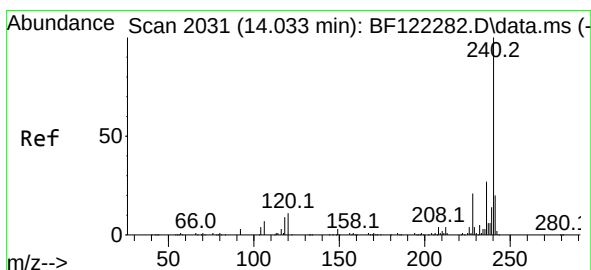
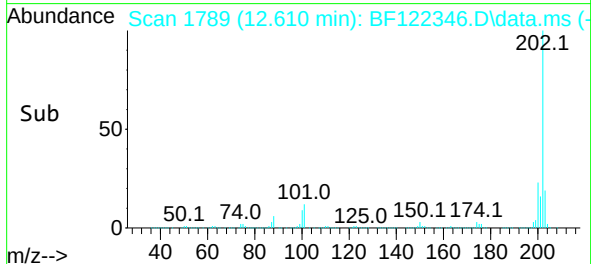
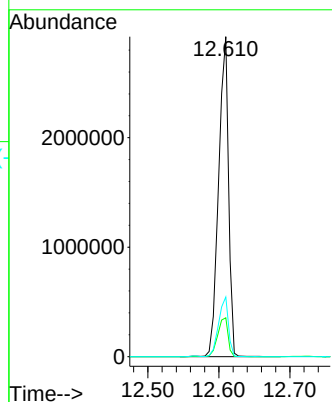
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



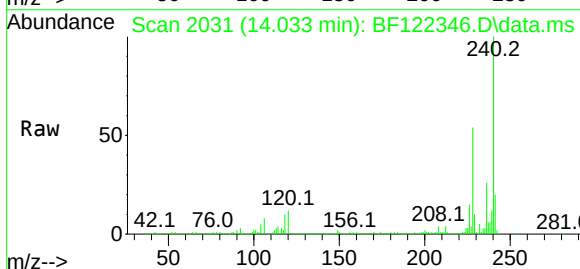
Tgt Ion:202 Resp: 2831294  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 33.4  
203 18.7 0.0 37.9

Manual Integrations  
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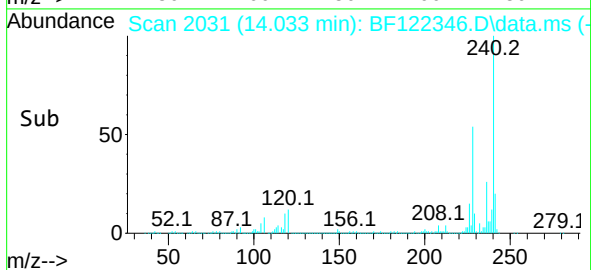
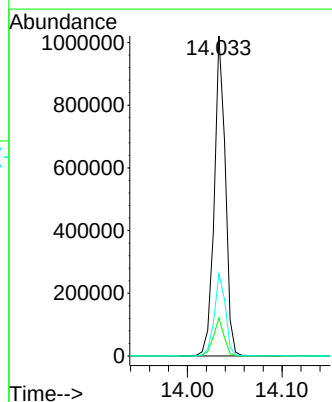
mohammad  
11/19/2020 10:28:45 AM

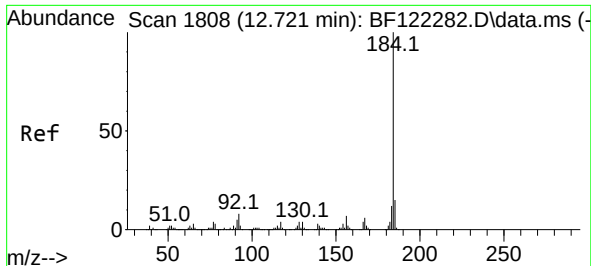


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:240 Resp: 824142  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.2 13.8  
236 25.7 20.9 31.3





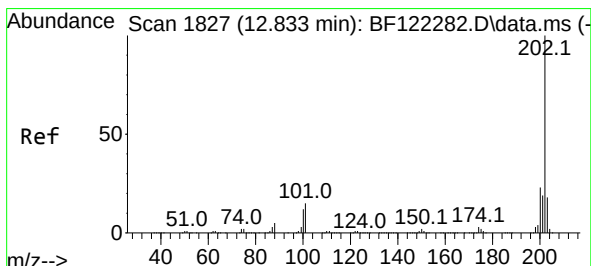
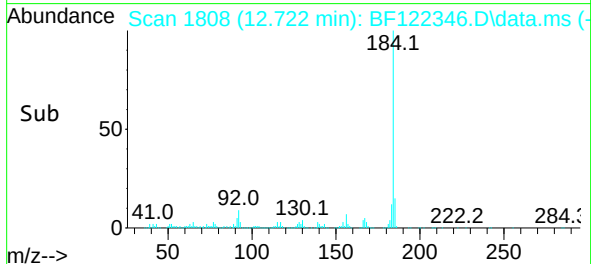
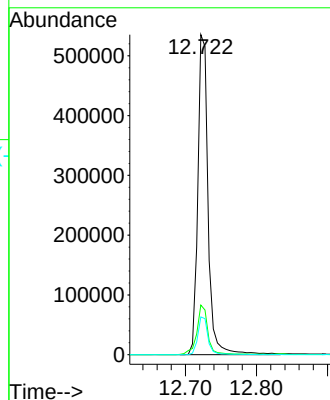
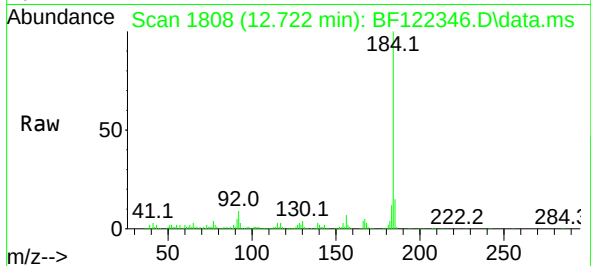
#77  
Benzidine  
Concen: 23.68 ng  
RT: 12.722 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:184 Resp: 541185  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.6 17.4  
183 11.8 9.4 14.0

Instrument :  
BNA\_F  
ClientSampleId :  
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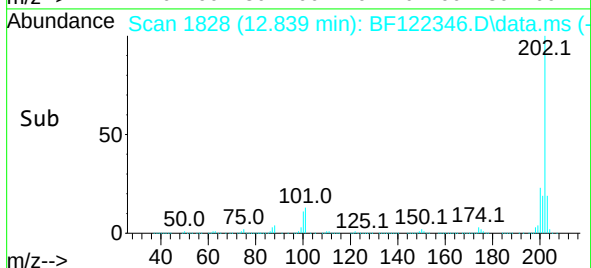
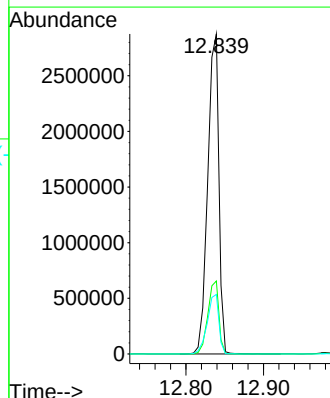
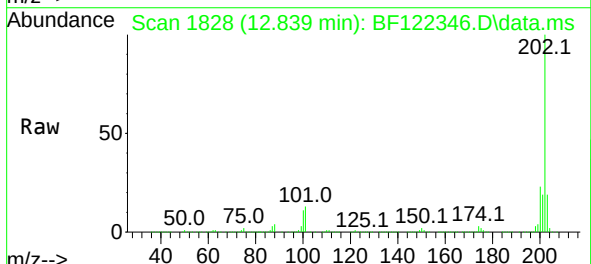
Manual Integrations  
APPROVED

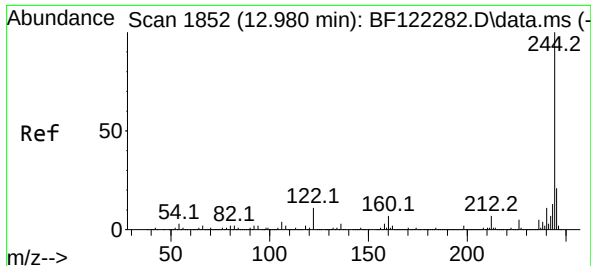
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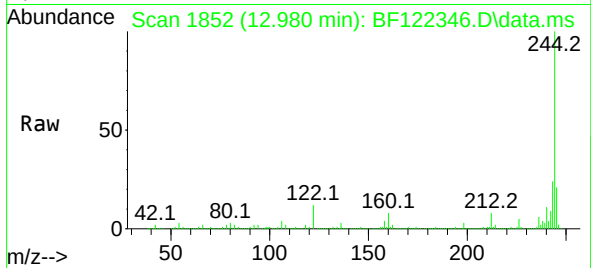
#78  
Pyrene  
Concen: 49.52 ng  
RT: 12.839 min Scan# 1828  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:202 Resp: 2867186  
Ion Ratio Lower Upper  
202 100  
200 22.8 17.4 26.2  
203 18.6 14.6 21.8

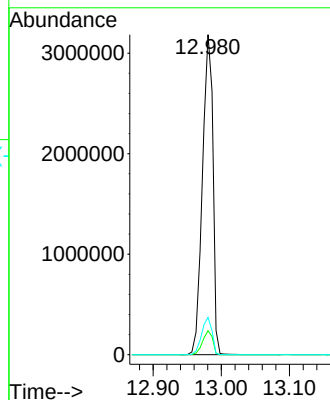
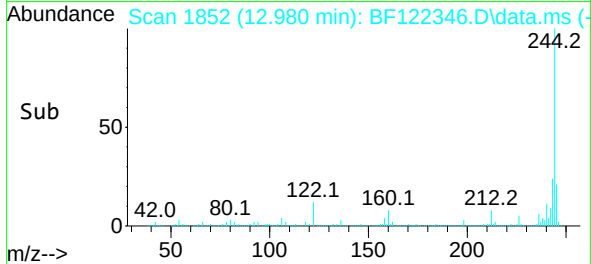




#79  
Terphenyl-d14  
Concen: 87.67 ng  
RT: 12.980 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



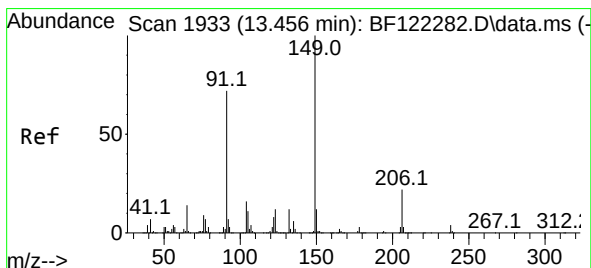
Tgt Ion:244 Resp: 3410380  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.4 8.2  
122 11.7 8.1 12.1



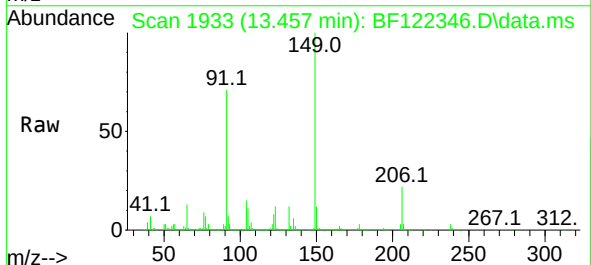
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

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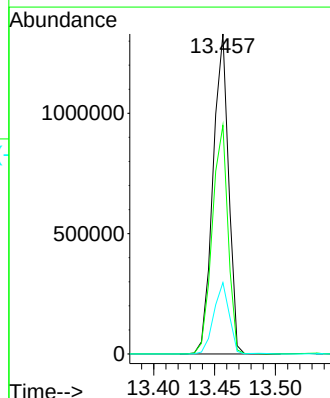
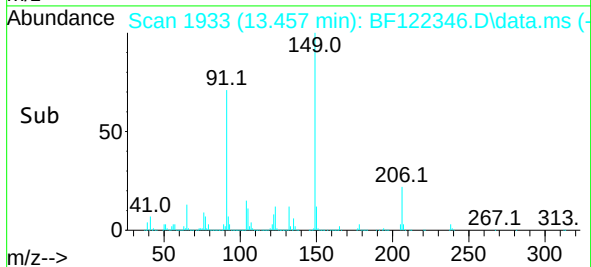
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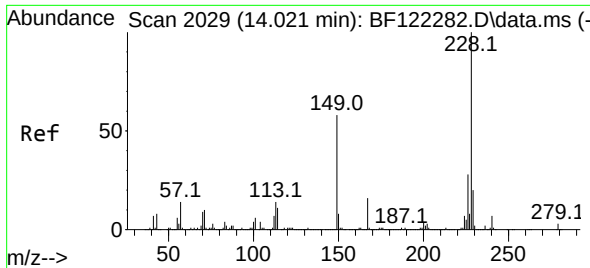


#80  
Butylbenzylphthalate  
Concen: 50.85 ng  
RT: 13.457 min Scan# 1933  
Delta R.T. 0.001 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



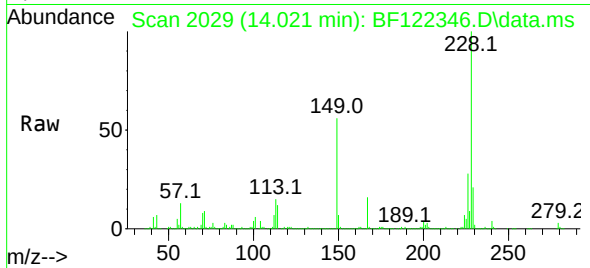
Tgt Ion:149 Resp: 1185495  
Ion Ratio Lower Upper  
149 100  
91 71.5 61.0 91.4  
206 22.3 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 45.97 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

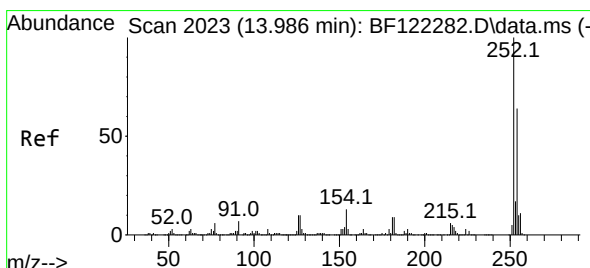
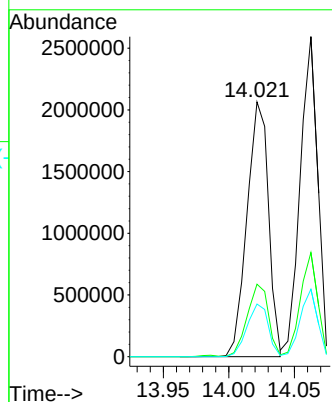
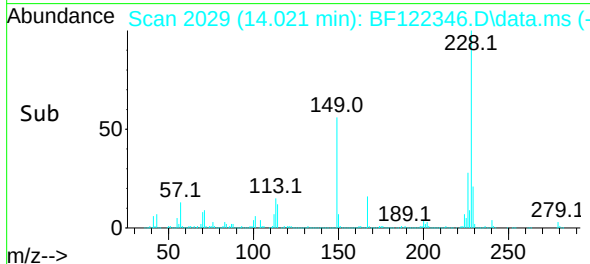
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



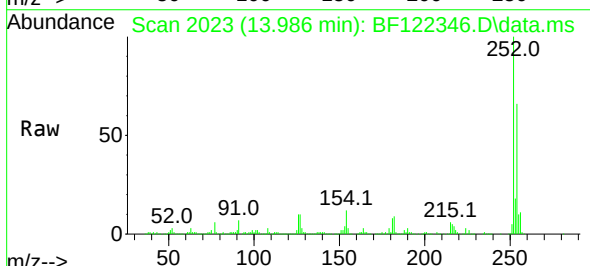
Tgt Ion:228 Resp: 2355960  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.6 16.2 24.4

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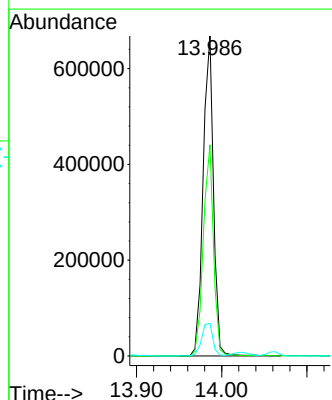
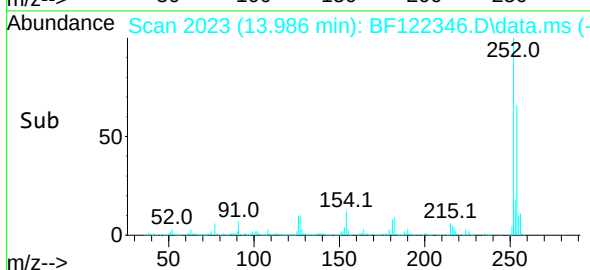
mohammad  
11/19/2020 10:28:45 AM

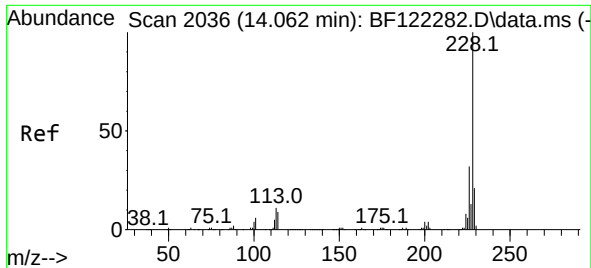


#82  
3,3'-Dichlorobenzidine  
Concen: 29.53 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:252 Resp: 564029  
Ion Ratio Lower Upper  
252 100  
254 66.0 51.8 77.6  
126 10.2 8.8 13.2





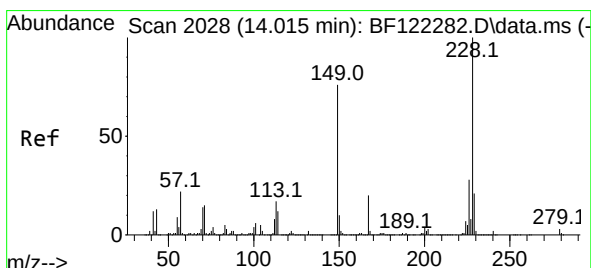
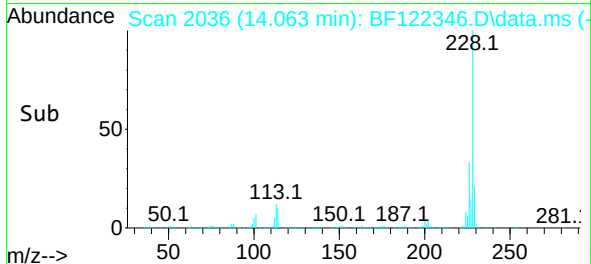
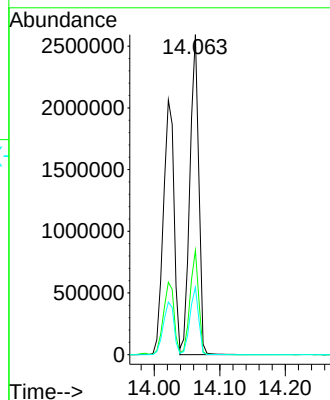
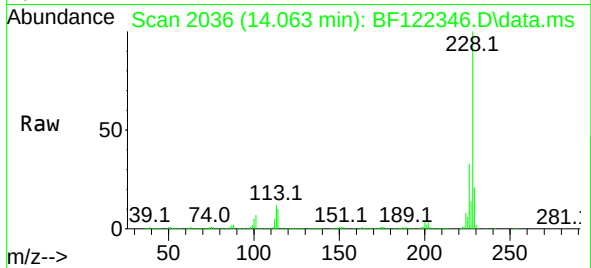
#83  
Chrysene  
Concen: 46.78 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:228 Resp: 2415140  
Ion Ratio Lower Upper  
228 100  
226 32.6 24.6 37.0  
229 21.1 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

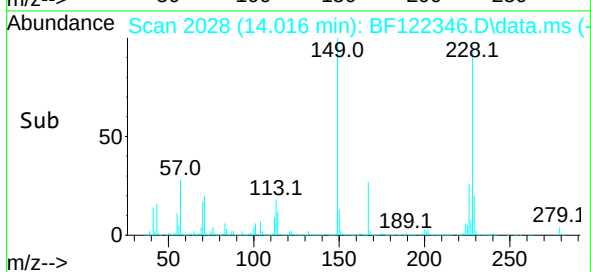
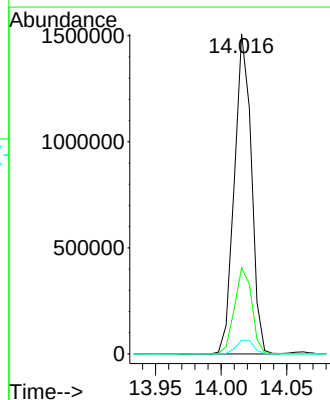
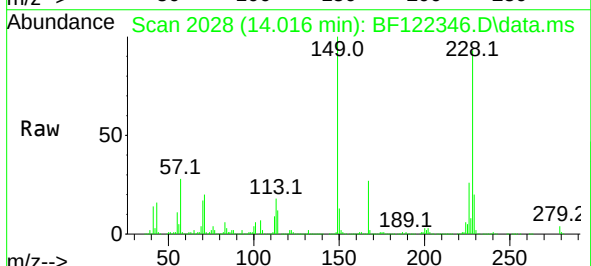
Manual Integrations  
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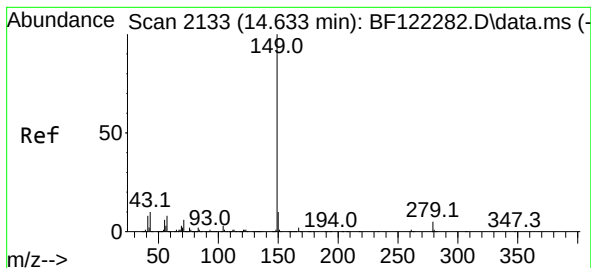
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11/19/2020 10:28:45 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.86 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:149 Resp: 1364145  
Ion Ratio Lower Upper  
149 100  
167 27.0 20.9 31.3  
279 4.3 3.2 4.8





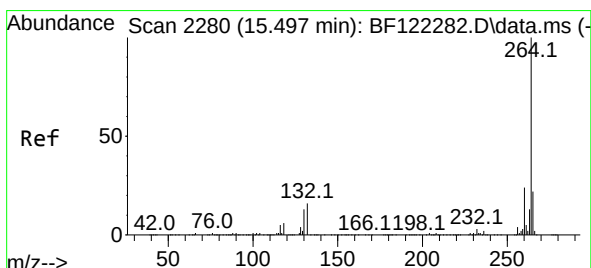
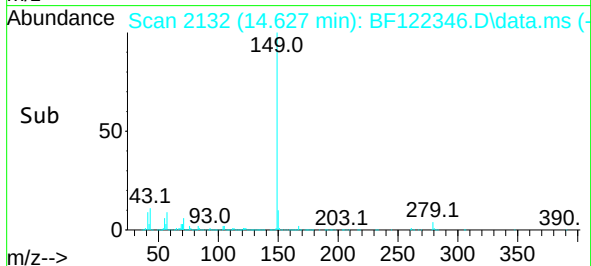
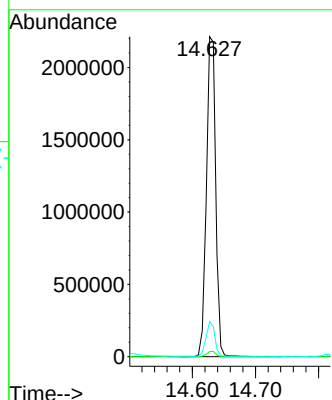
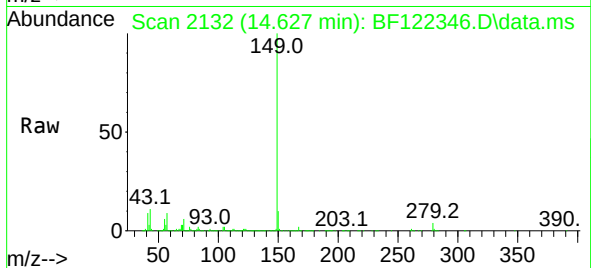
#85  
Di-n-octyl phthalate  
Concen: 47.81 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:149 Resp: 2262192  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.3 9.0 13.6

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

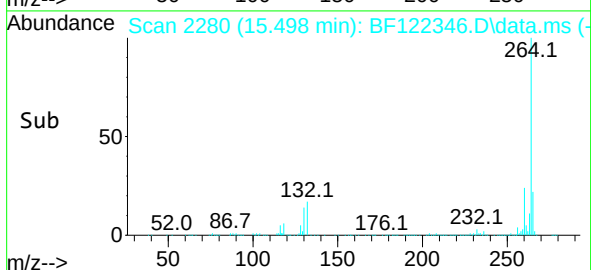
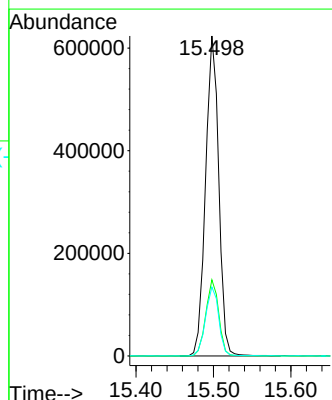
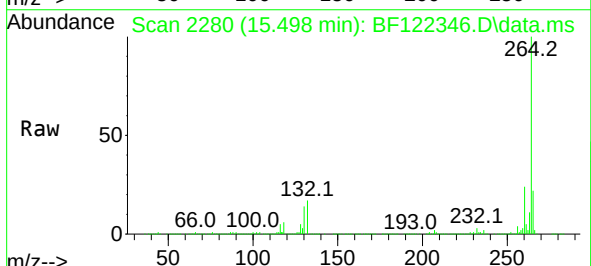
Manual Integrations  
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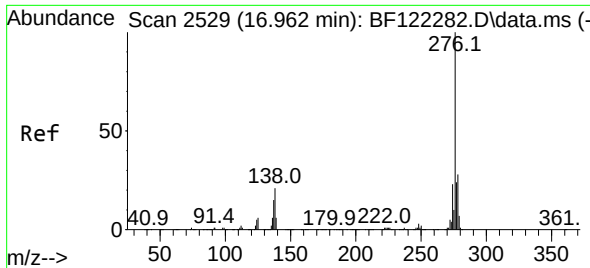
mohammad  
11/19/2020 10:28:45 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

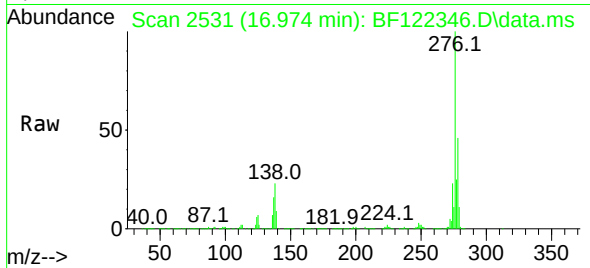
Tgt Ion:264 Resp: 736692  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 21.6 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 53.98 ng  
RT: 16.974 min Scan# 2531  
Delta R.T. 0.012 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

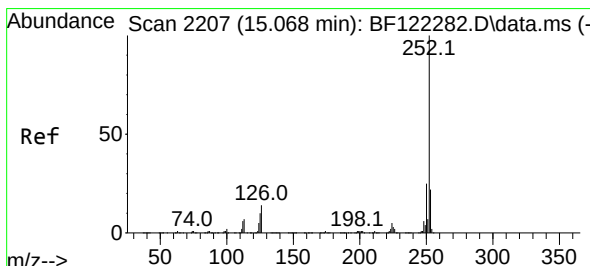
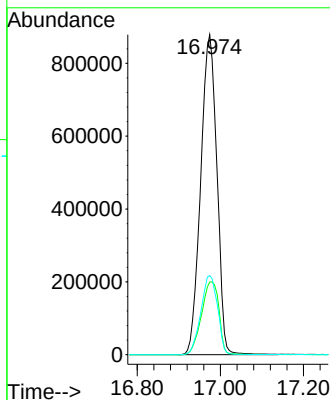
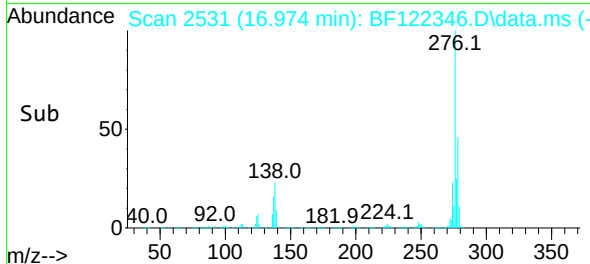
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



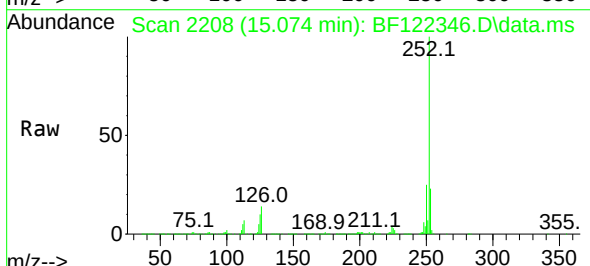
Tgt Ion:276 Resp: 2386258  
Ion Ratio Lower Upper  
276 100  
138 24.5 19.9 29.9  
277 25.4 20.4 30.6

Manual Integrations  
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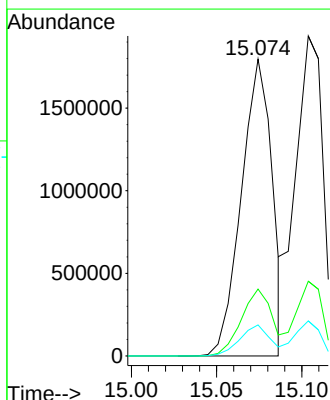
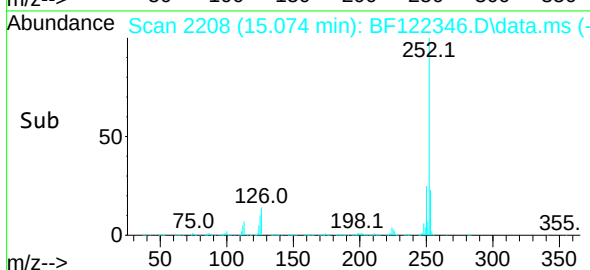
mohammad  
11/19/2020 10:28:45 AM

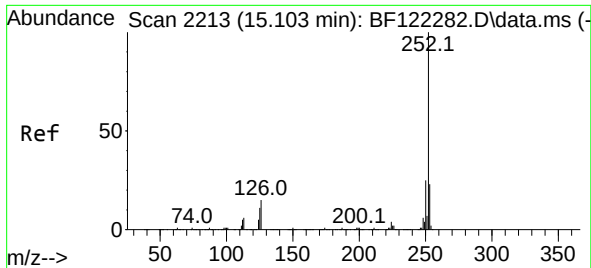


#88  
Benzo(b)fluoranthene  
Concen: 47.38 ng  
RT: 15.074 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



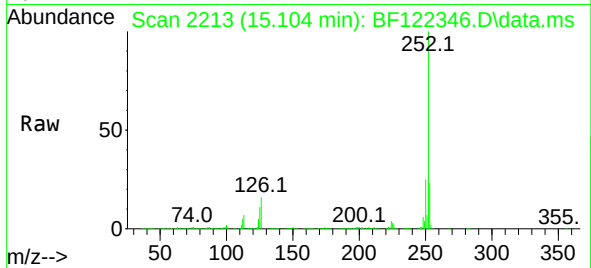
Tgt Ion:252 Resp: 2260497  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.2  
125 10.4 8.0 12.0





#89  
Benzo(k)fluoranthene  
Concen: 47.11 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

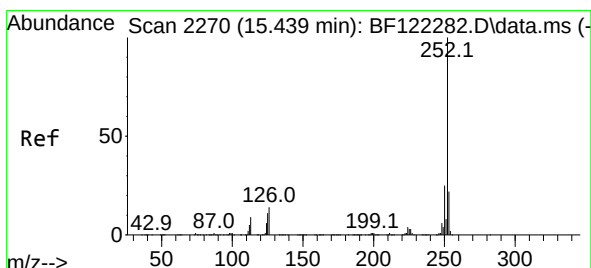
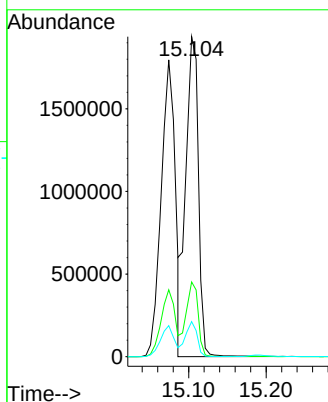
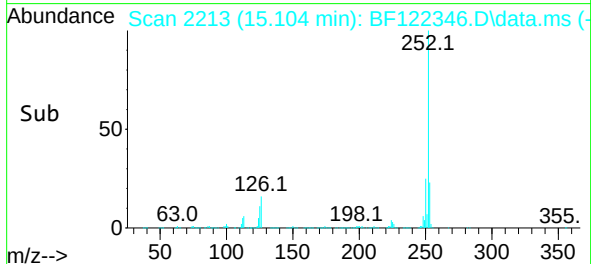
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS



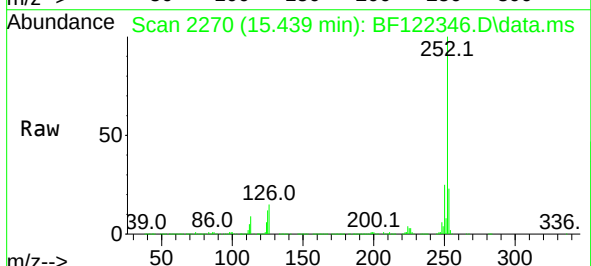
Tgt Ion:252 Resp: 2191552  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.8 26.6  
125 11.0 7.7 11.5

Manual Integrations  
APPROVED

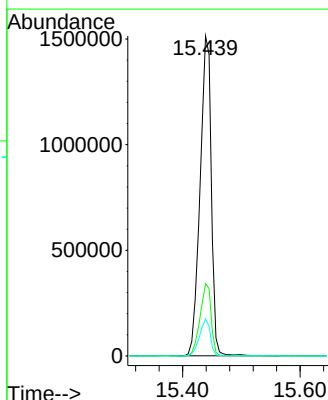
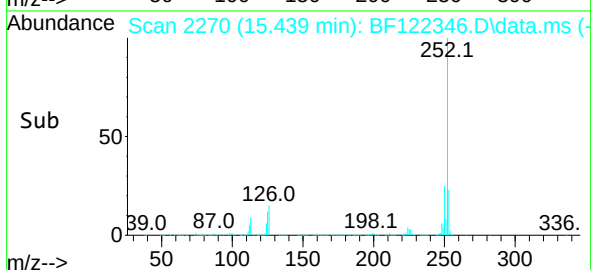
mohammad  
11/19/2020 10:28:45 AM



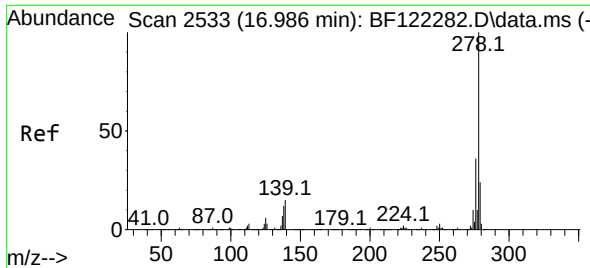
#90  
Benzo(a)pyrene  
Concen: 48.14 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15



Tgt Ion:252 Resp: 2002417  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.3 25.9  
125 11.6 8.6 13.0







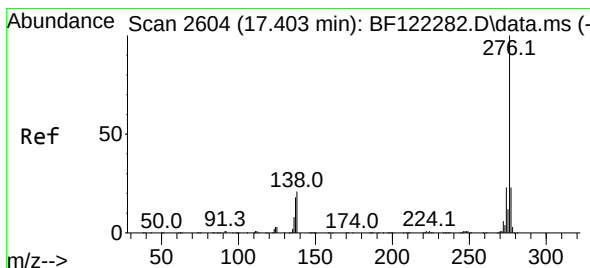
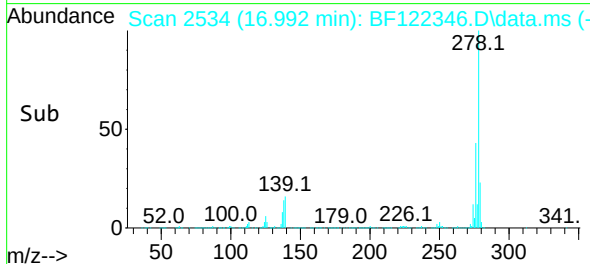
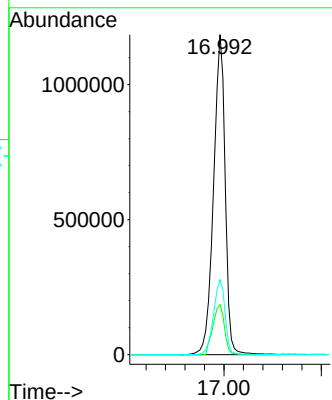
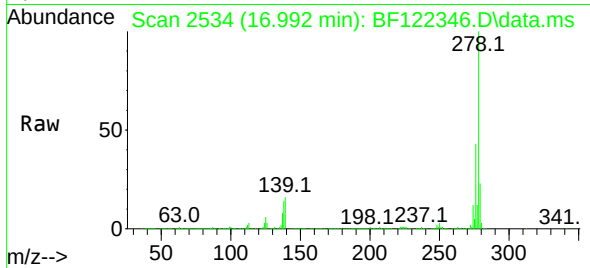
#91  
Dibenzo(a,h)anthracene  
Concen: 52.90 ng  
RT: 16.992 min Scan# 2534  
Delta R.T. 0.006 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:278 Resp: 1958686  
Ion Ratio Lower Upper  
278 100  
139 15.6 13.0 19.4  
279 23.4 19.0 28.4

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMS

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 56.53 ng  
RT: 17.421 min Scan# 2607  
Delta R.T. 0.018 min  
Lab File: BF122346.D  
Acq: 17 Nov 2020 15:15

Tgt Ion:276 Resp: 2035377  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.4 29.2  
138 21.0 17.8 26.6

