

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031221\  
 Data File : BM029111.D  
 Acq On : 12 Mar 2021 14:57  
 Operator : CG/JU  
 Sample : PB135132BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135132BS

Manual Integrations  
 APPROVED

mohammad  
 3/15/2021 11:31:57 AM

Quant Time: Mar 12 15:29:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 12:30:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.622  | 152  | 8493     | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.410 | 136  | 33166    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.292 | 164  | 18751    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.045 | 188  | 36025    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.221 | 240  | 35662    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.362 | 264  | 33561    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.199  | 112  | 63673    | 124.27 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.822  | 99   | 77501    | 114.51 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.798  | 82   | 42775    | 69.58  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.798 | 330  | 25395    | 114.27 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.904 | 172  | 95502    | 67.80  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.668 | 244  | 118056   | 61.13  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.052  | 88   | 8041     | 41.74  | ng    | # 54     |
| 3) Pyridine                   | 3.469  | 79   | 20823    | 40.96  | ng    | # 29     |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 16499    | 58.09  | ng    | # 39     |
| 6) Aniline                    | 6.963  | 93   | 22776    | 31.47  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.193  | 128  | 26242    | 43.12  | ng    | 96       |
| 9) Benzaldehyde               | 6.775  | 77   | 7084     | 19.20  | ng    | 84       |
| 10) Phenol                    | 6.851  | 94   | 29063    | 43.21  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.063  | 93   | 22147    | 43.41  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.504  | 146  | 28763    | 43.33  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.657  | 146  | 28727    | 42.67  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.969  | 146  | 27840    | 42.98  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.887  | 79   | 20831    | 43.04  | ng    | # 91     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.163  | 45   | 38208    | 48.63  | ng    | 68       |
| 17) 2-Methylphenol            | 8.092  | 107  | 20288    | 44.42  | ng    | 93       |
| 18) Hexachloroethane          | 8.681  | 117  | 11094    | 45.36  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.445  | 70   | 17169    | 43.13  | ng    | # 50     |
| 20) 3+4-Methylphenols         | 8.428  | 107  | 26590    | 43.27  | ng    | 93       |
| 22) Acetophenone              | 8.463  | 105  | 36161    | 44.71  | ng    | # 81     |
| 24) Nitrobenzene              | 8.839  | 77   | 26419    | 42.27  | ng    | # 87     |
| 25) Isophorone                | 9.363  | 82   | 45111    | 41.71  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.545  | 139  | 13458    | 42.63  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.616  | 122  | 21103    | 44.55  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 9.845  | 93   | 27729    | 45.12  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.081 | 162  | 23126    | 42.67  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.281 | 180  | 25586    | 43.05  | ng    | 99       |
| 31) Naphthalene               | 10.463 | 128  | 74995    | 41.01  | ng    | 99       |
| 32) Benzoic acid              | 9.810  | 122  | 15272    | 44.97  | ng    | # 86     |
| 33) 4-Chloroaniline           | 10.598 | 127  | 18224    | 24.80  | ng    | 93       |
| 34) Hexachlorobutadiene       | 10.728 | 225  | 15427    | 43.29  | ng    | 96       |
| 35) Caprolactam               | 11.404 | 113  | 6041     | 40.74  | ng    | # 38     |
| 36) 4-Chloro-3-methylphenol   | 11.745 | 107  | 23132    | 42.35  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.086 | 142  | 52895    | 41.11  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.310 | 142  | 48991    | 40.20  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 25604    | 43.67  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.422 | 237  | 21953    | 98.23  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.722 | 196  | 17272    | 42.03  | ng    | 98       |

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 Sample : PB135132BS  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135132BS

Manual Integrations  
 APPROVED

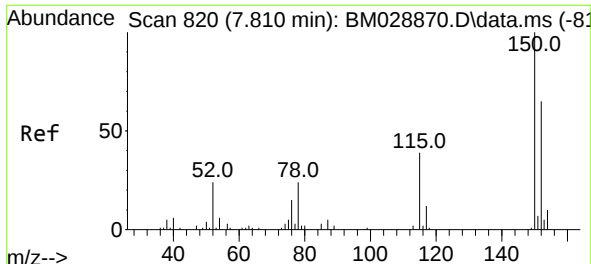
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 3/15/2021 11:31:57 AM

Quant Time: Mar 12 15:29:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 12:30:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.804 | 196  | 18122    | 41.09 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.122 | 154  | 64313    | 42.77 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.163 | 162  | 51665    | 42.09 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.392 | 65   | 15449    | 46.79 | ng    | 92       |
| 49) Acenaphthylene            | 14.016 | 152  | 78598    | 41.69 | ng    | 99       |
| 50) Dimethylphthalate         | 13.769 | 163  | 61423    | 43.23 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.898 | 165  | 13565    | 40.94 | ng    | 94       |
| 52) Acenaphthene              | 14.357 | 154  | 46625    | 40.33 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.233 | 138  | 9095     | 28.17 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.463 | 184  | 14660    | 86.51 | ng    | 94       |
| 55) Dibenzofuran              | 14.698 | 168  | 74622    | 41.11 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.569 | 139  | 20937    | 79.07 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.698 | 165  | 18379    | 42.47 | ng    | # 77     |
| 58) Fluorene                  | 15.351 | 166  | 58960    | 40.52 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.933 | 232  | 14808m   | 41.77 | ng    |          |
| 60) Diethylphthalate          | 15.133 | 149  | 62875    | 43.98 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.345 | 204  | 29211    | 42.08 | ng    | 91       |
| 62) 4-Nitroaniline            | 15.404 | 138  | 12136    | 38.89 | ng    | 97       |
| 63) Azobenzene                | 15.639 | 77   | 56127    | 42.55 | ng    | # 84     |
| 65) 4,6-Dinitro-2-methylph... | 15.468 | 198  | 10002    | 39.43 | ng    | # 69     |
| 66) n-Nitrosodiphenylamine    | 15.568 | 169  | 50470    | 40.95 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.239 | 248  | 16990    | 42.03 | ng    | # 87     |
| 68) Hexachlorobenzene         | 16.351 | 284  | 18753    | 41.63 | ng    | # 93     |
| 69) Atrazine                  | 16.527 | 200  | 14742    | 38.45 | ng    | 96       |
| 70) Pentachlorophenol         | 16.704 | 266  | 21241    | 88.15 | ng    | 99       |
| 71) Phenanthrene              | 17.086 | 178  | 87880    | 40.97 | ng    | 99       |
| 72) Anthracene                | 17.174 | 178  | 89364    | 42.05 | ng    | 99       |
| 73) Carbazole                 | 17.457 | 167  | 80623    | 39.54 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.009 | 149  | 105341   | 45.44 | ng    | 100      |
| 75) Fluoranthene              | 19.104 | 202  | 99010    | 42.00 | ng    | 100      |
| 77) Benzidine                 | 19.304 | 184  | 33228    | 28.27 | ng    | 99       |
| 78) Pyrene                    | 19.468 | 202  | 101002   | 38.55 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.368 | 149  | 47893    | 42.47 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.209 | 228  | 98493    | 39.80 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.145 | 252  | 27856    | 32.58 | ng    | # 98     |
| 83) Chrysene                  | 21.256 | 228  | 96660    | 40.08 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.133 | 149  | 72160    | 44.46 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 21.986 | 149  | 127925   | 46.46 | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.503 | 276  | 118145   | 46.65 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 22.727 | 252  | 100066   | 42.21 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.768 | 252  | 100719   | 44.72 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.274 | 252  | 91370    | 42.24 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 25.503 | 278  | 100678   | 45.74 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 26.156 | 276  | 96727    | 45.51 | ng    | # 94     |

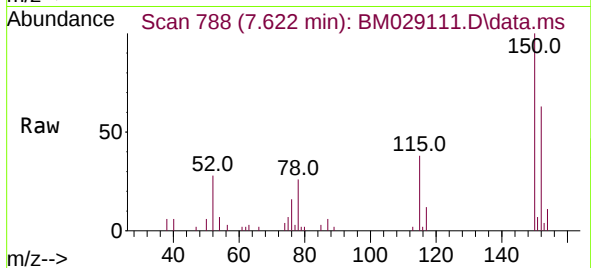
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.622 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

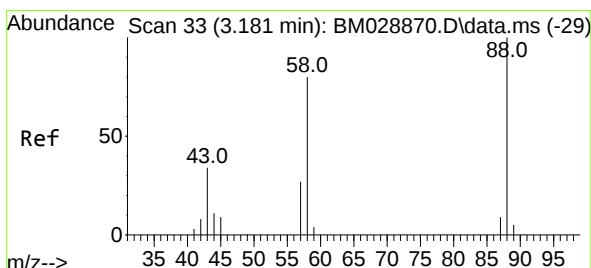
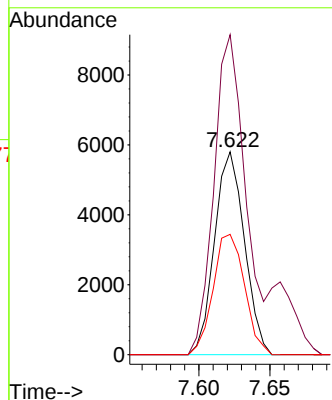
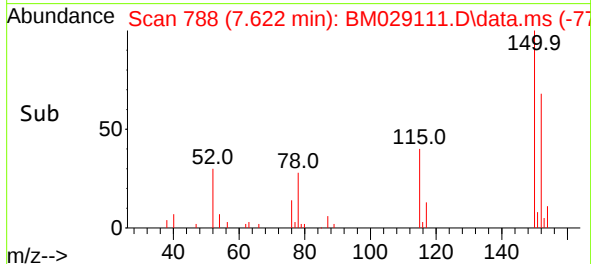
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS



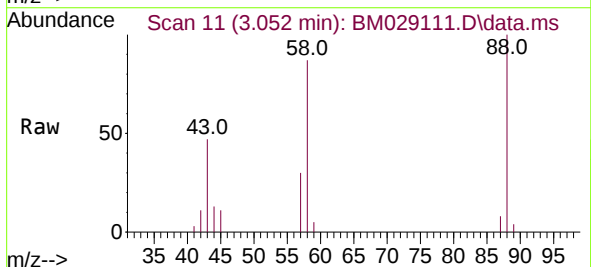
Tgt Ion:152 Resp: 8493  
Ion Ratio Lower Upper  
152 100  
150 157.7 120.6 181.0  
115 59.3 47.2 70.8

Manual Integrations  
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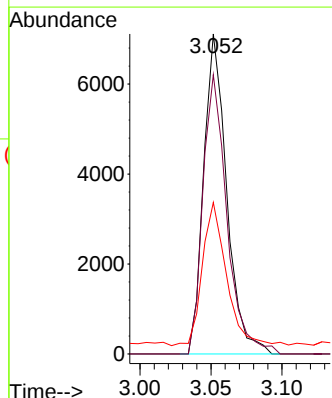
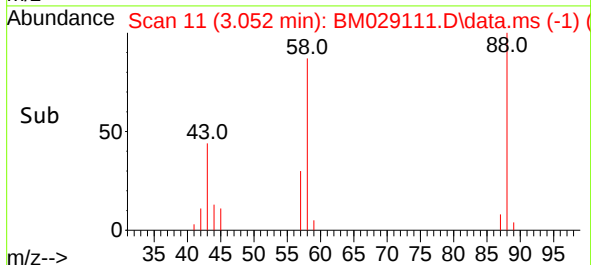
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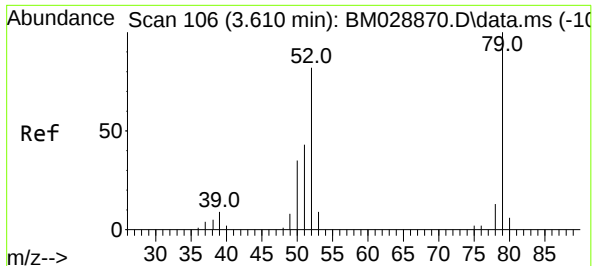


#2  
1,4-Dioxane  
Concen: 41.74 ng  
RT: 3.052 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



Tgt Ion: 88 Resp: 8041  
Ion Ratio Lower Upper  
88 100  
58 90.9 46.2 69.2#  
43 47.2 19.0 28.6#





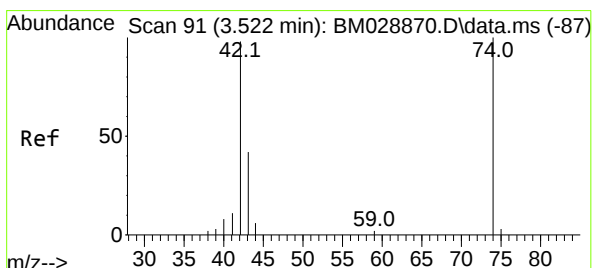
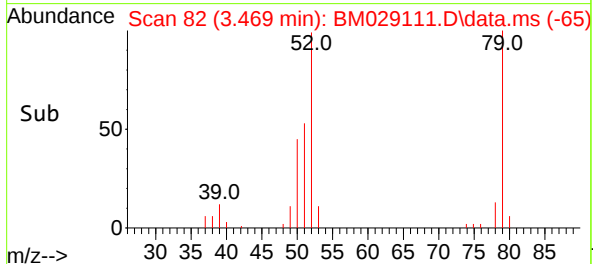
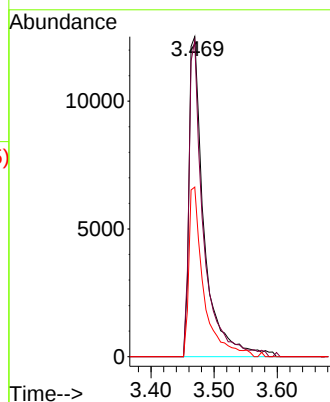
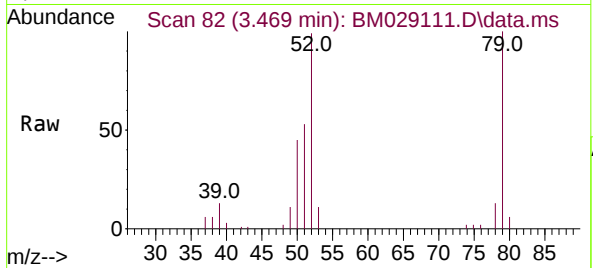
#3  
Pyridine  
Concen: 40.96 ng  
RT: 3.469 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 98.8  | 35.8  | 53.8# |
| 51      | 53.0  | 21.0  | 31.6# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

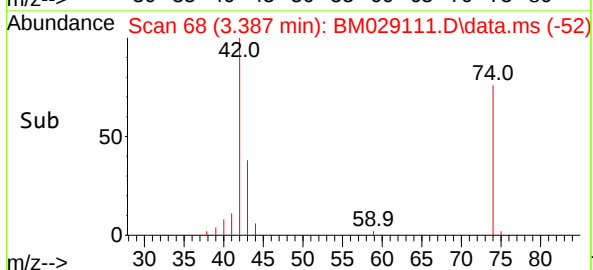
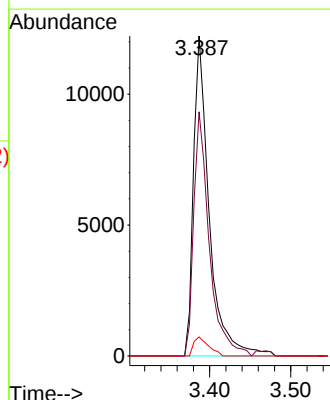
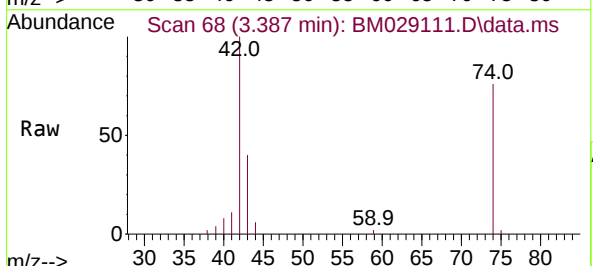
Manual Integrations  
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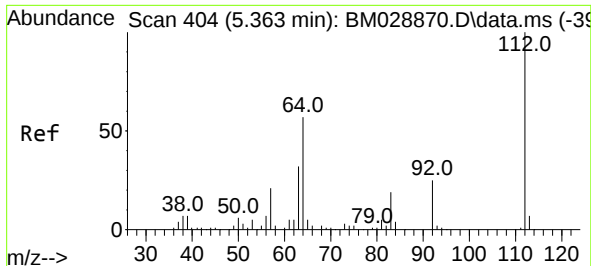
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3/15/2021 11:31:57 AM



#4  
n-Nitrosodimethylamine  
Concen: 58.09 ng  
RT: 3.387 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 76.3  | 127.8 | 191.6# |
| 44      | 6.0   | 4.1   | 6.1    |





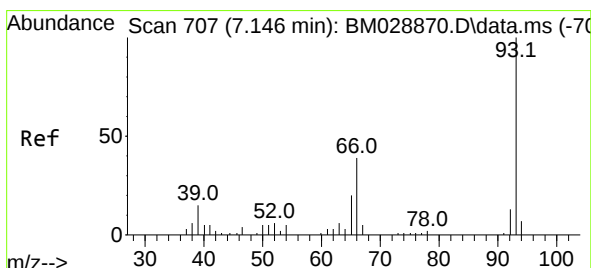
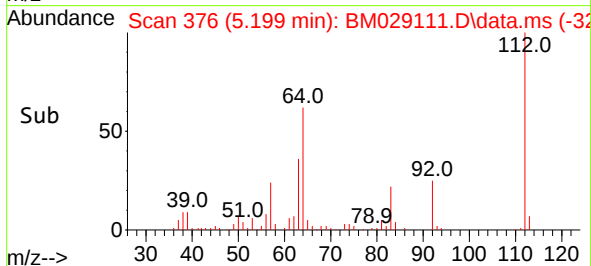
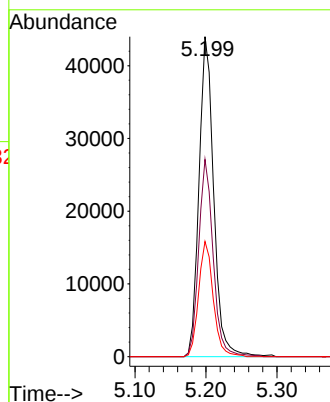
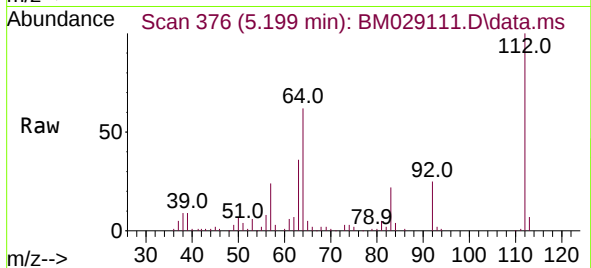
#5  
2-Fluorophenol  
Concen: 124.27 ng  
RT: 5.199 min Scan# 376  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 112 Resp: 63673  
Ion Ratio Lower Upper  
112 100  
64 61.6 50.6 76.0  
63 36.0 31.0 46.6

Instrument :  
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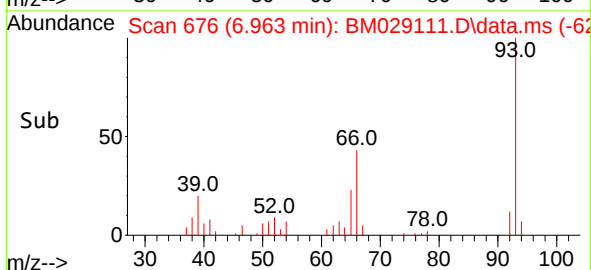
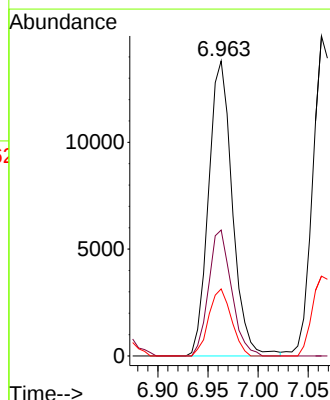
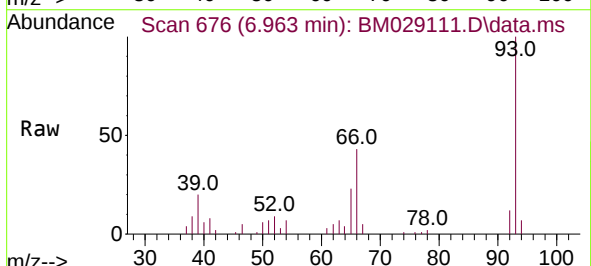
Manual Integrations  
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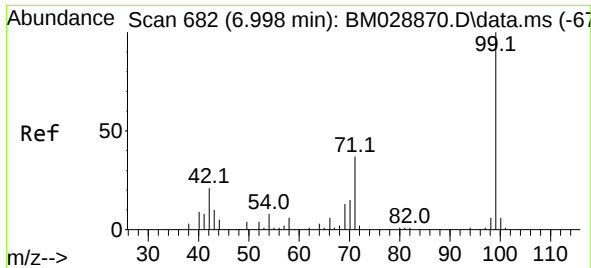
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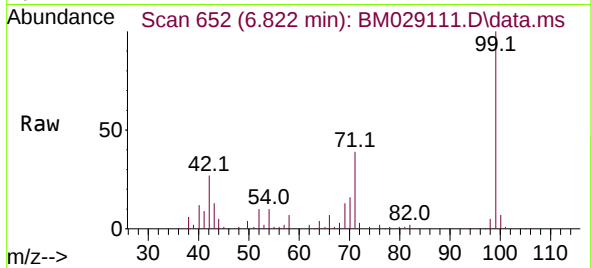
#6  
Aniline  
Concen: 31.47 ng  
RT: 6.963 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 93 Resp: 22776  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.3 49.9  
65 22.7 17.4 26.0

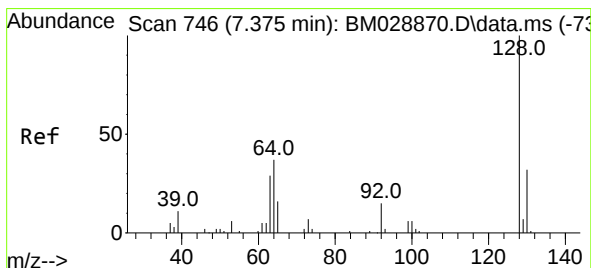
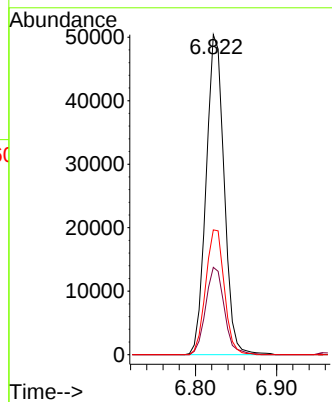
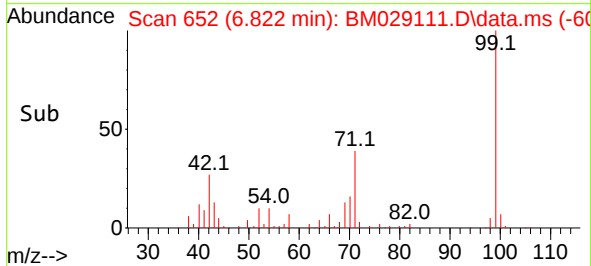




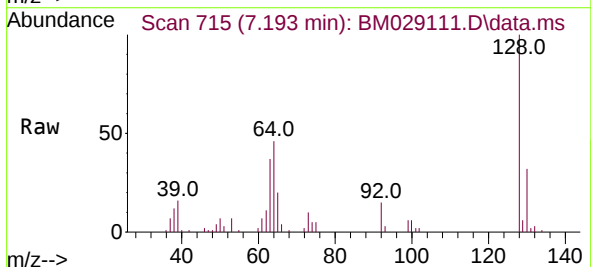
#7  
Phenol-d6  
Concen: 114.51 ng  
RT: 6.822 min Scan# 652  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



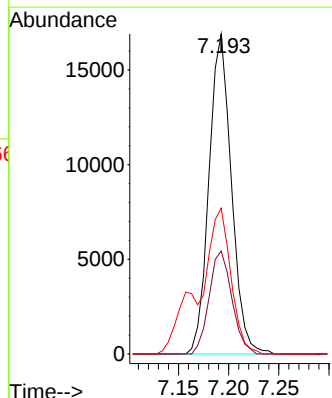
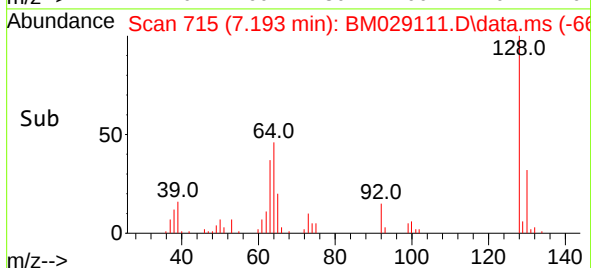
Tgt Ion: 99 Resp: 77501  
Ion Ratio Lower Upper  
99 100  
42 27.3 13.5 20.3#  
71 39.0 39.4 59.0#



#8  
2-Chlorophenol  
Concen: 43.12 ng  
RT: 7.193 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



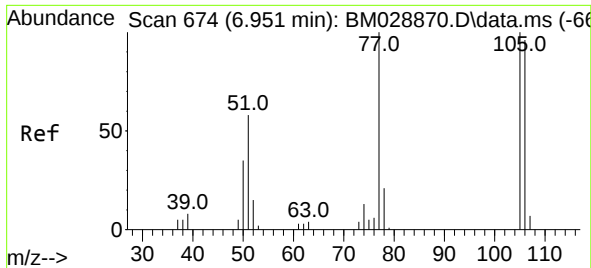
Tgt Ion: 128 Resp: 26242  
Ion Ratio Lower Upper  
128 100  
130 32.1 11.5 51.5  
64 45.6 30.1 70.1



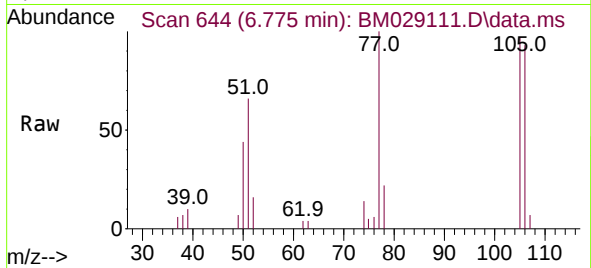
Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

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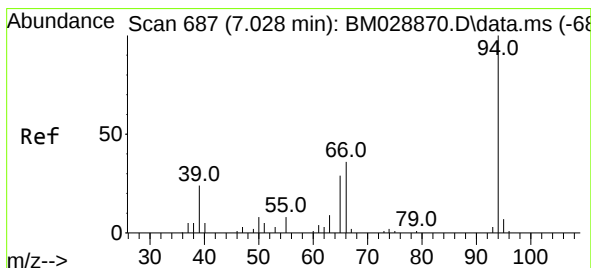
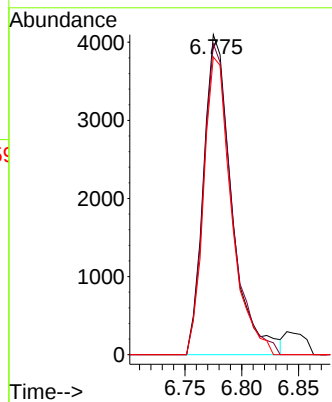
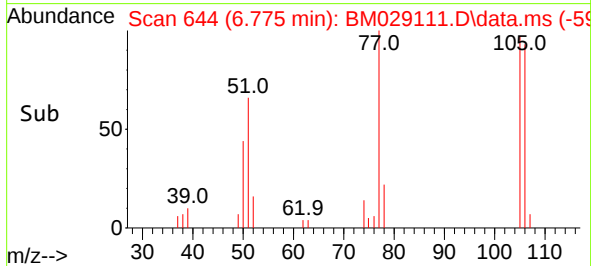
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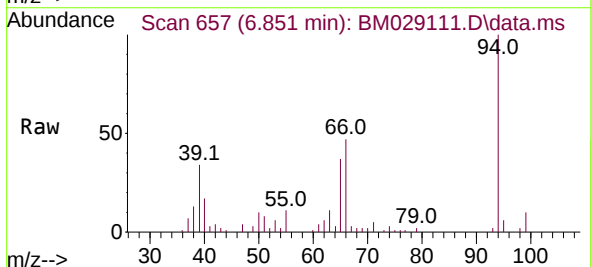
#9  
Benzaldehyde  
Concen: 19.20 ng  
RT: 6.775 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



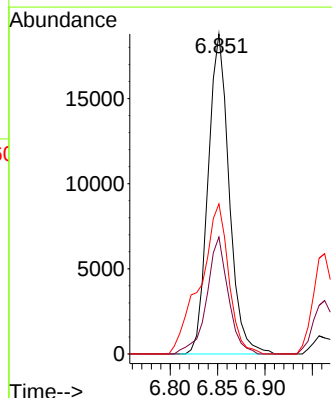
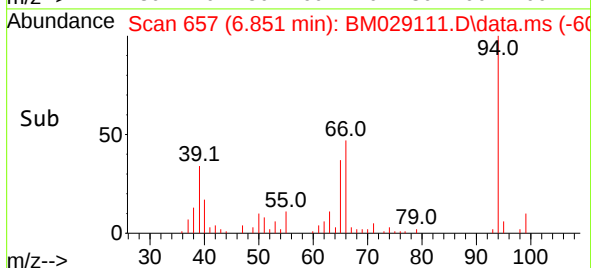
Tgt Ion: 77 Resp: 7084  
Ion Ratio Lower Upper  
77 100  
105 97.1 64.7 104.7  
106 93.1 57.5 97.5



#10  
Phenol  
Concen: 43.21 ng  
RT: 6.851 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



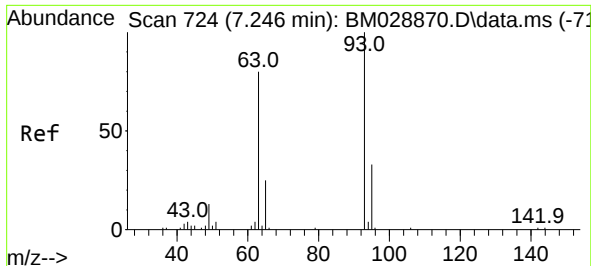
Tgt Ion: 94 Resp: 29063  
Ion Ratio Lower Upper  
94 100  
65 36.6 16.4 56.4  
66 46.9 30.2 70.2



Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

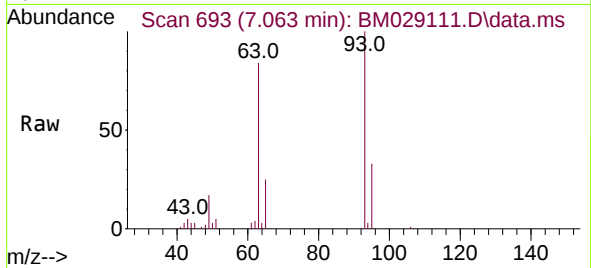
Manual Integrations  
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#11  
bis(2-Chloroethyl)ether  
Concen: 43.41 ng  
RT: 7.063 min Scan# 693  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

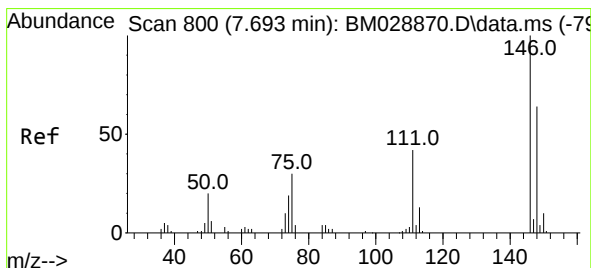
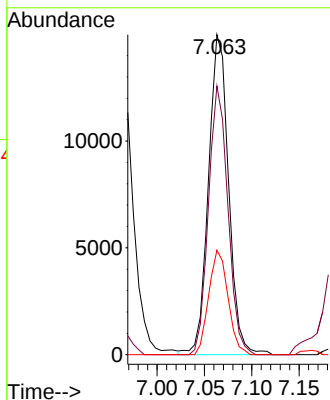
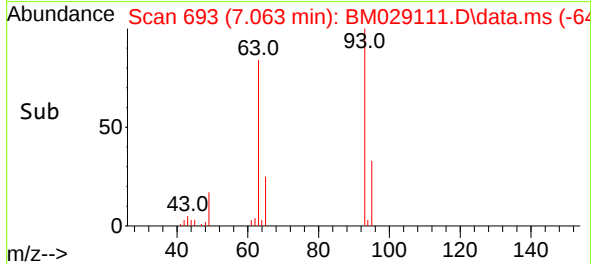
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS



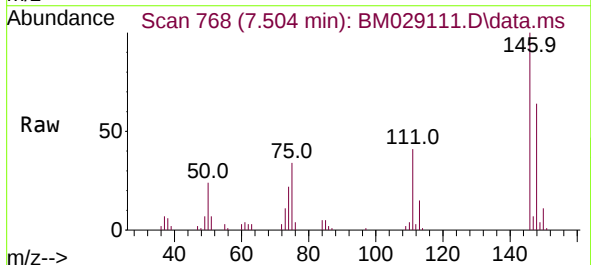
Tgt Ion: 93 Resp: 22147  
Ion Ratio Lower Upper  
93 100  
63 83.9 53.1 93.1  
95 32.6 12.1 52.1

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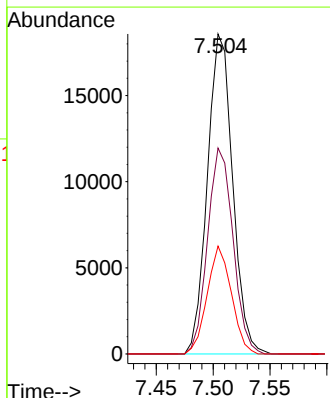
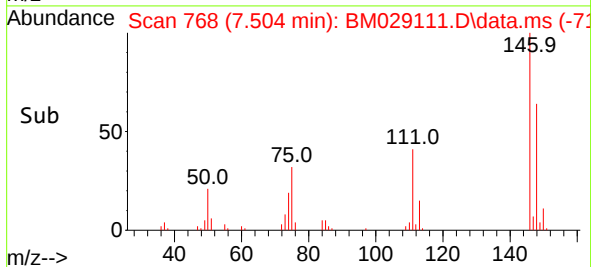
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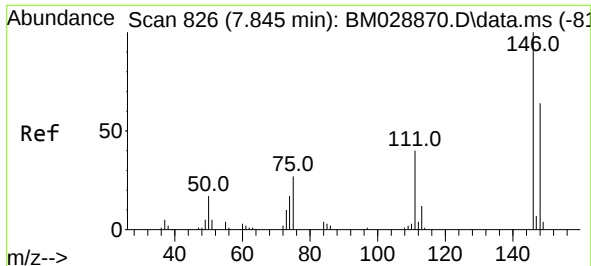


#12  
1,3-Dichlorobenzene  
Concen: 43.33 ng  
RT: 7.504 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



Tgt Ion: 146 Resp: 28763  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.6 77.4  
75 33.7 33.0 49.6





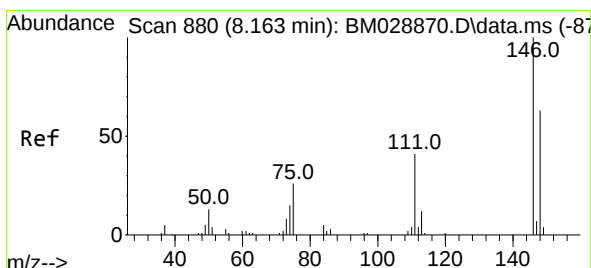
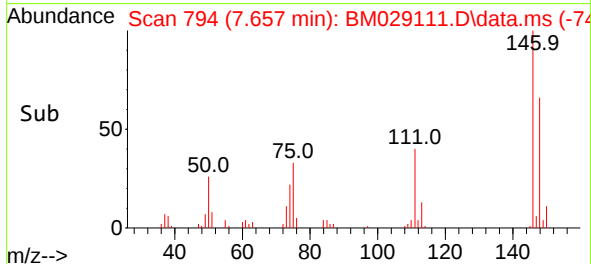
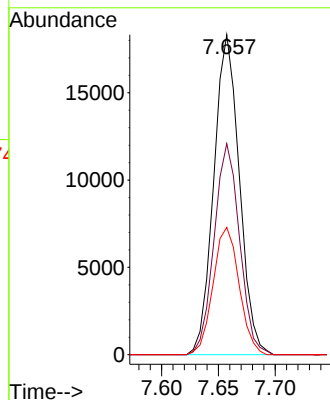
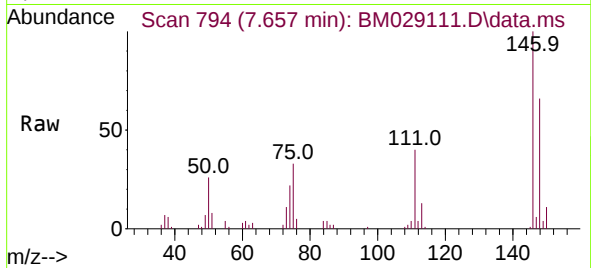
#13  
1,4-Dichlorobenzene  
Concen: 42.67 ng  
RT: 7.657 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:146 Resp: 28727  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.4 77.0  
111 39.8 34.4 51.6

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

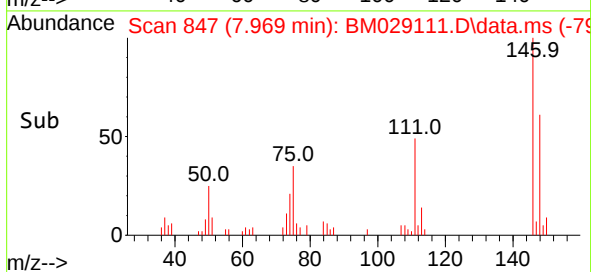
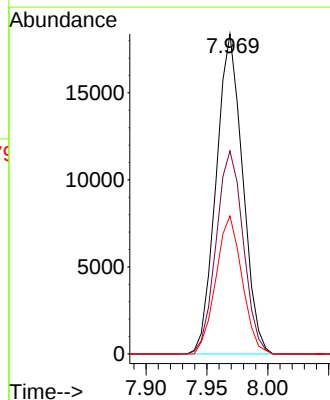
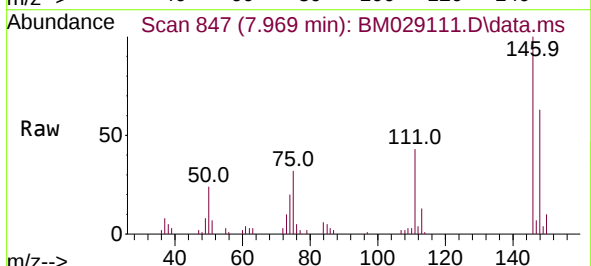
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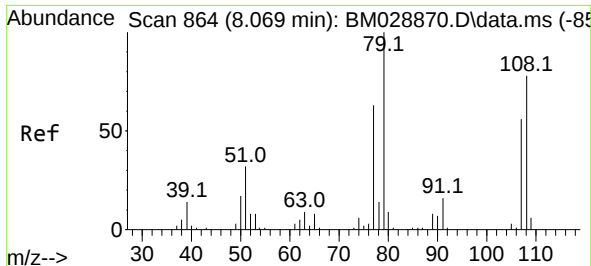
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#14  
1,2-Dichlorobenzene  
Concen: 42.98 ng  
RT: 7.969 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:146 Resp: 27840  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.3 76.9  
111 43.1 35.4 53.0





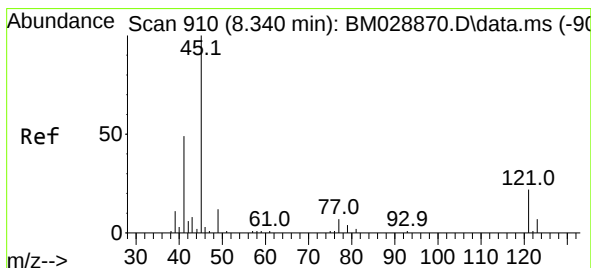
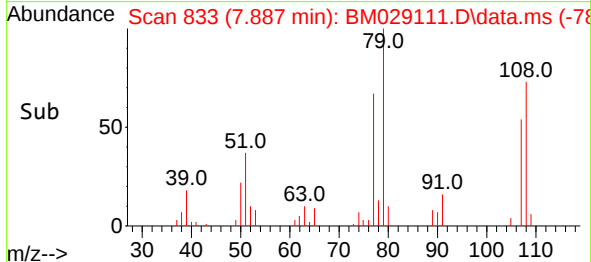
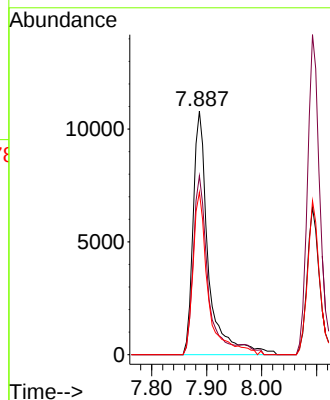
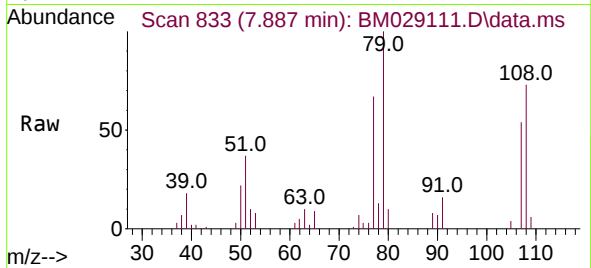
#15  
Benzyl Alcohol  
Concen: 43.04 ng  
RT: 7.887 min Scan# 833  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 20831 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 108 73.5    | 49.0 73.4#  |
| 77 66.7     | 55.2 82.8   |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

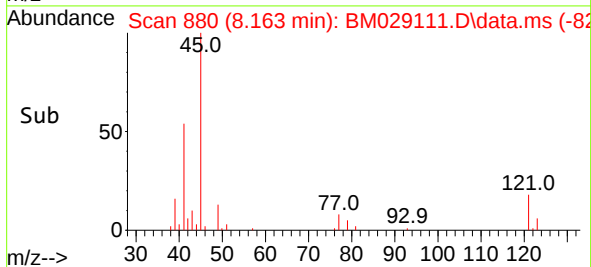
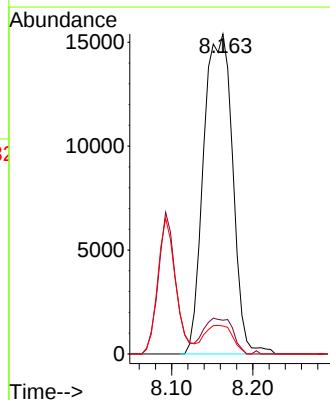
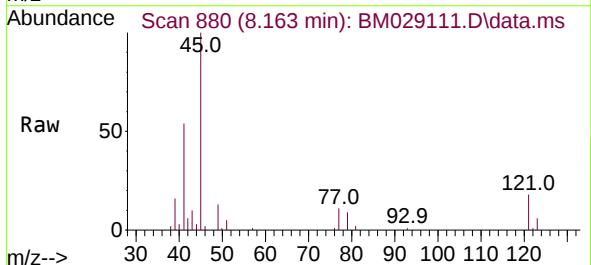
Manual Integrations  
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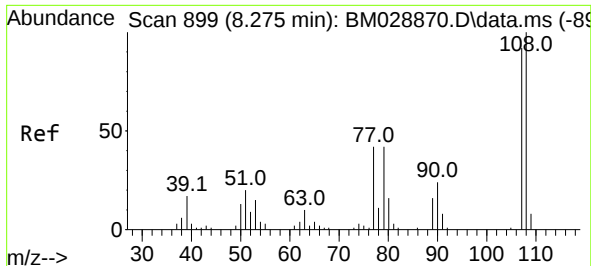
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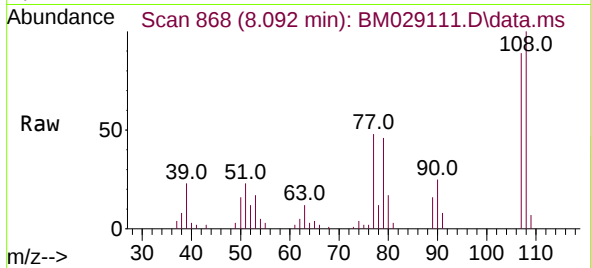
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.63 ng  
RT: 8.163 min Scan# 880  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 38208 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 77 10.5     | 9.5 49.5    |
| 79 8.7      | 1.8 41.8    |

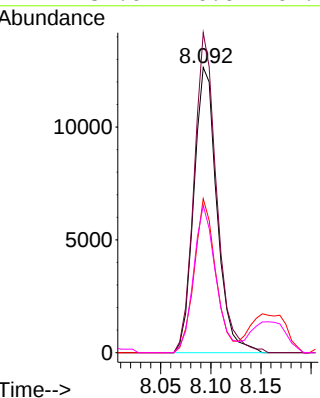




#17  
2-Methylphenol  
Concen: 44.42 ng  
RT: 8.092 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



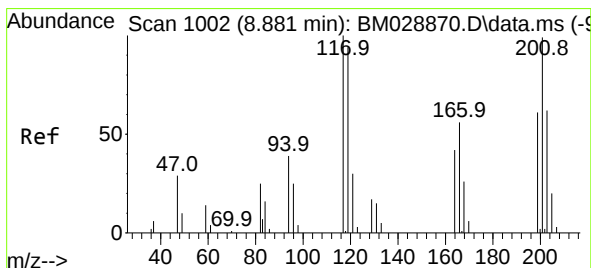
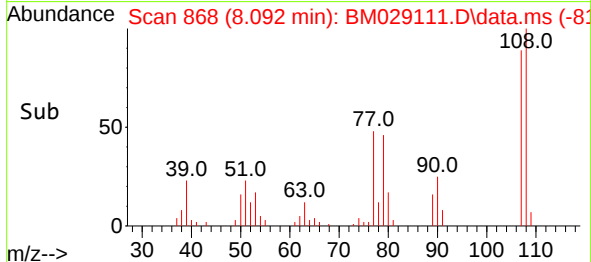
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 20288 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.2 | 87.8  | 131.6 |
| 77       | 53.9  | 50.9  | 76.3  |
| 79       | 51.6  | 46.6  | 69.8  |



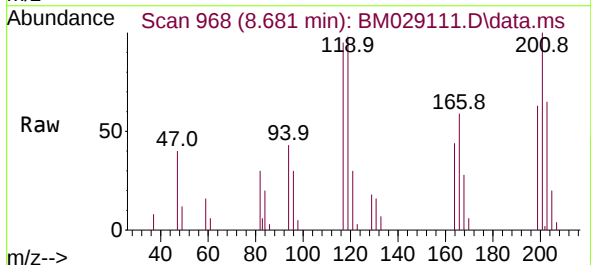
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

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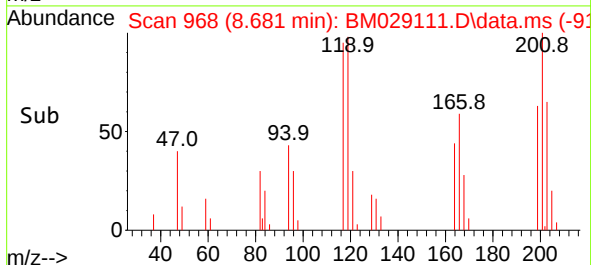
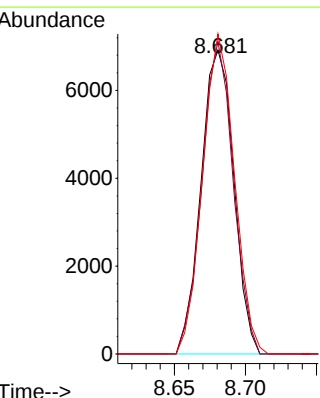
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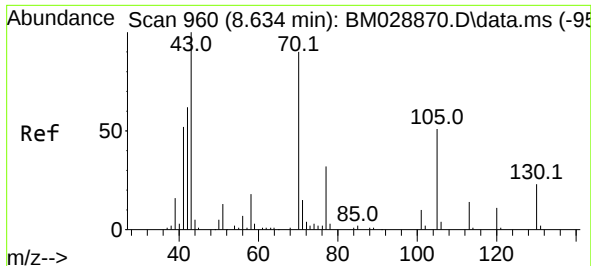


#18  
Hexachloroethane  
Concen: 45.36 ng  
RT: 8.681 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11094 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 102.8 | 73.1  | 109.7 |
| 201      | 105.2 | 88.7  | 133.1 |





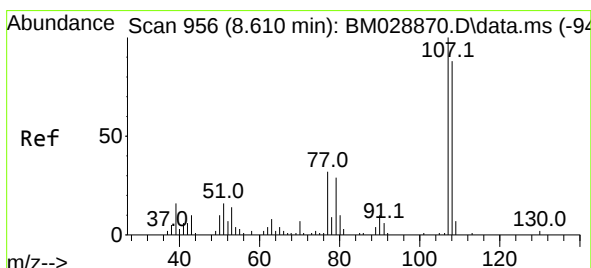
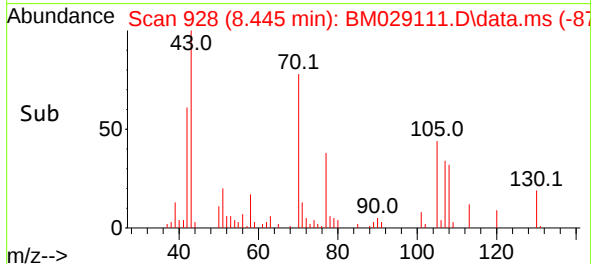
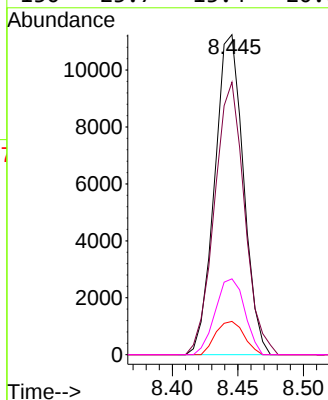
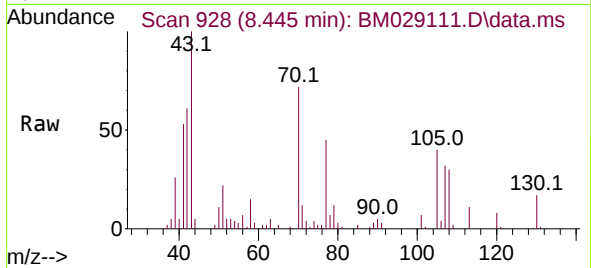
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.13 ng  
RT: 8.445 min Scan# 928  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 17169 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 85.1  | 31.9  | 47.9# |
| 101      | 10.4  | 7.0   | 10.4  |
| 130      | 23.7  | 13.4  | 20.0# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

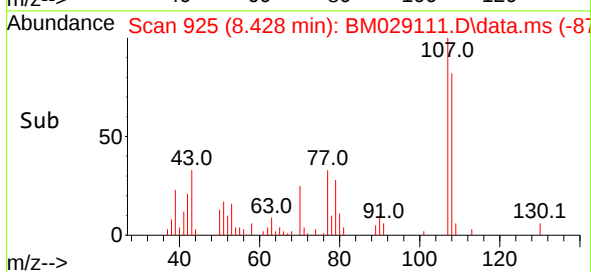
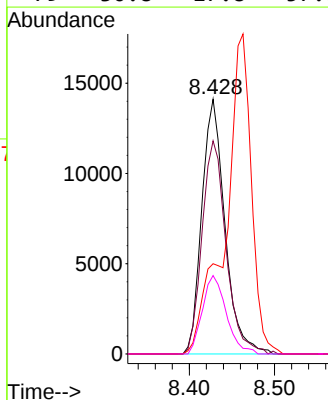
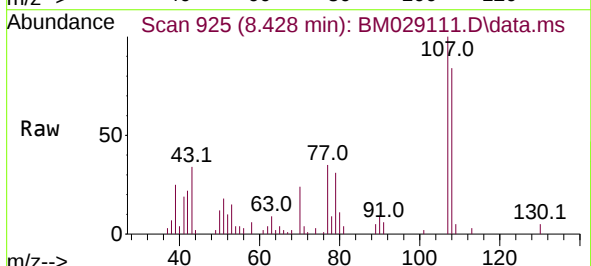
Manual Integrations  
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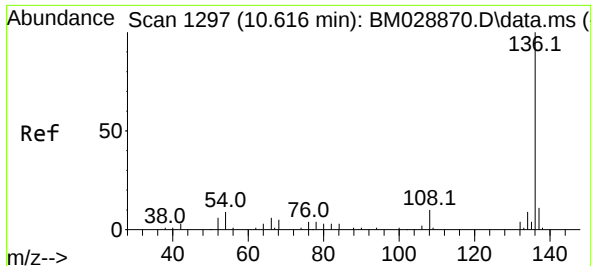
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#20  
3+4-Methylphenols  
Concen: 43.27 ng  
RT: 8.428 min Scan# 925  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 26590 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.7  | 64.5  | 104.5 |
| 77       | 35.5  | 24.2  | 64.2  |
| 79       | 30.8  | 17.8  | 57.8  |





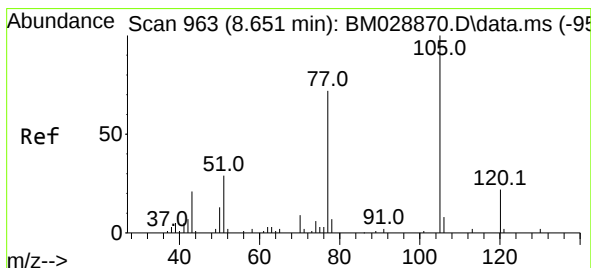
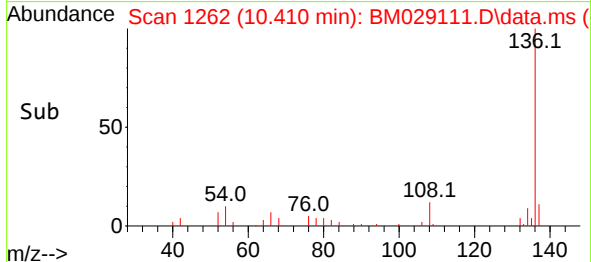
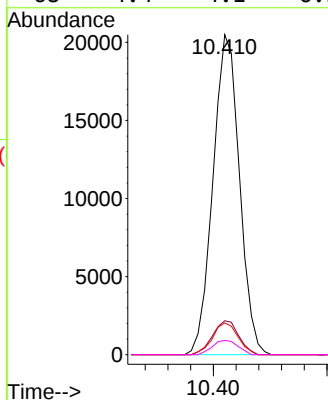
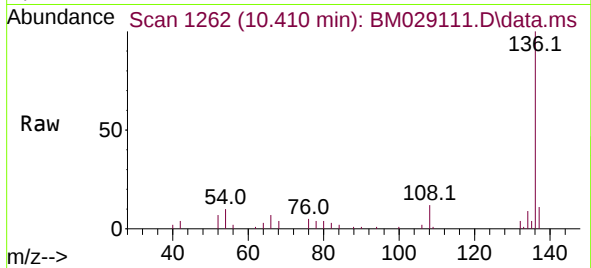
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.410 min Scan# 1262  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 33166 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.6  | 8.6   | 12.8  |
| 54        | 9.9   | 4.6   | 7.0#  |
| 68        | 4.4   | 4.1   | 6.1   |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

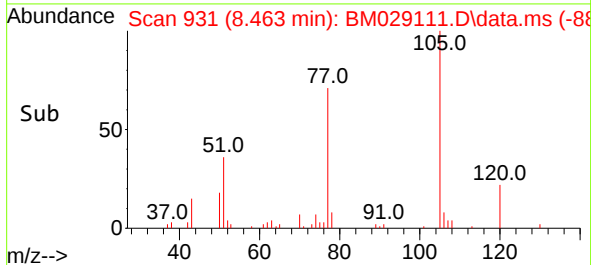
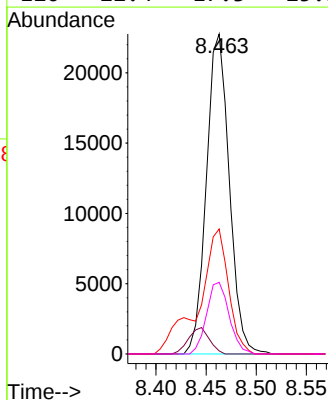
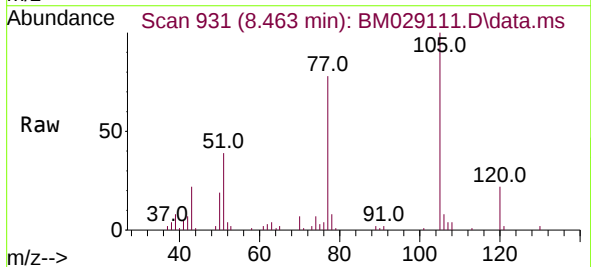
Manual Integrations  
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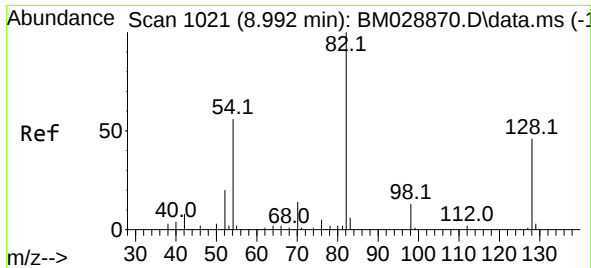
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#22  
Acetophenone  
Concen: 44.71 ng  
RT: 8.463 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 36161 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 0.9   | 7.6   | 11.4# |
| 51        | 39.1  | 18.6  | 28.0# |
| 120       | 22.4  | 17.3  | 25.9  |





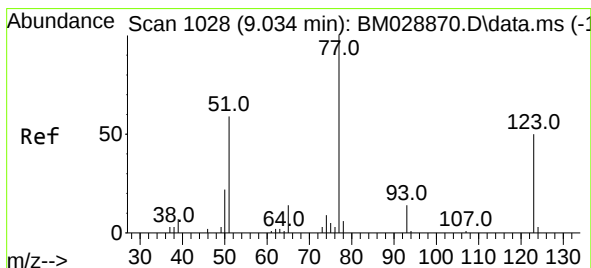
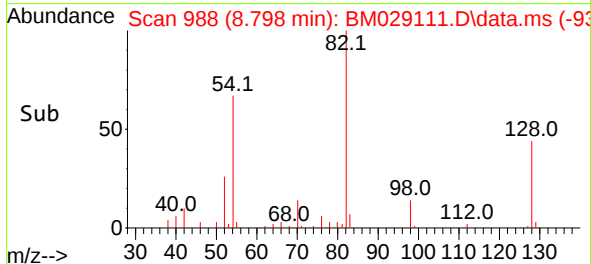
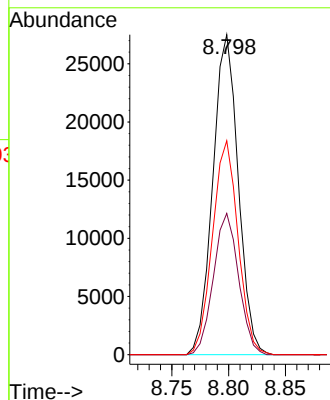
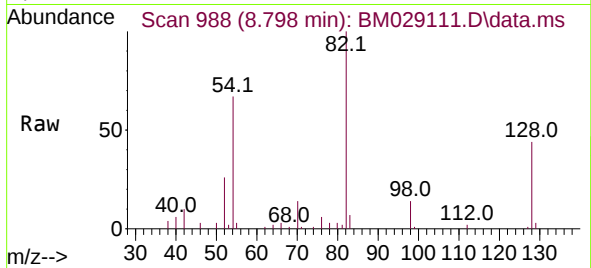
#23  
Nitrobenzene-d5  
Concen: 69.58 ng  
RT: 8.798 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 82 Resp: 42775  
Ion Ratio Lower Upper  
82 100  
128 44.1 27.4 41.0#  
54 66.9 31.4 47.0#

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

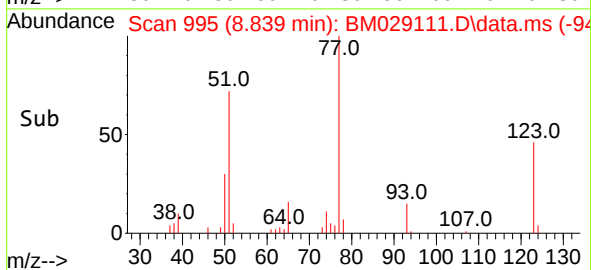
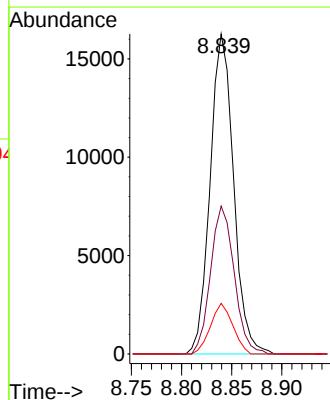
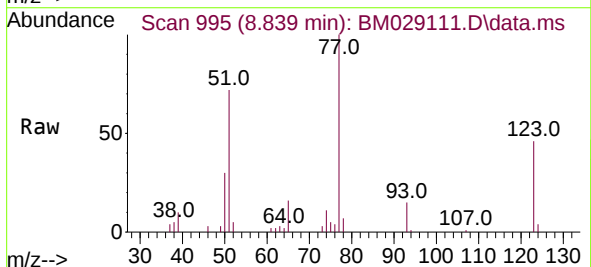
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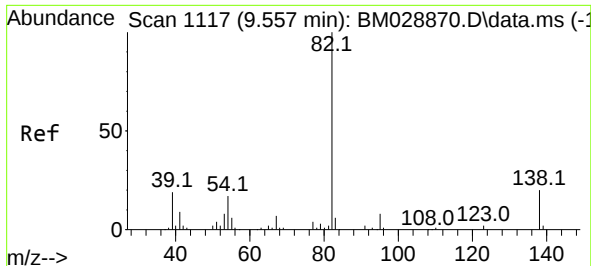
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#24  
Nitrobenzene  
Concen: 42.27 ng  
RT: 8.839 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 77 Resp: 26419  
Ion Ratio Lower Upper  
77 100  
123 46.2 29.1 43.7#  
65 15.8 11.3 16.9





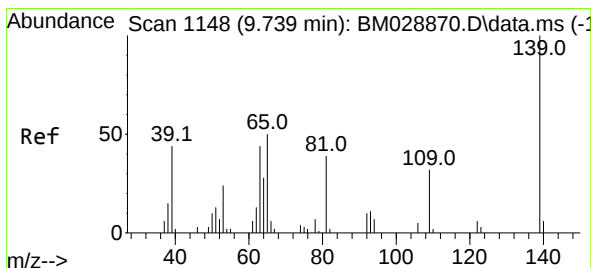
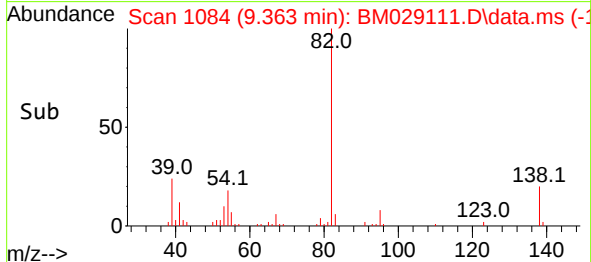
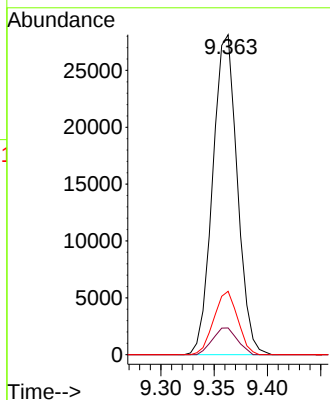
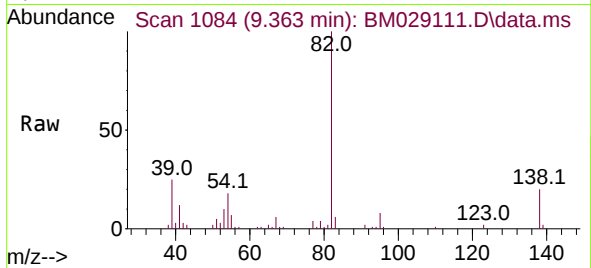
#25  
Isophorone  
Concen: 41.71 ng  
RT: 9.363 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.4   | 6.8   | 10.2  |
| 138     | 19.8  | 13.1  | 19.7  |

Instrument :  
BNA\_M  
ClientSampleId :  
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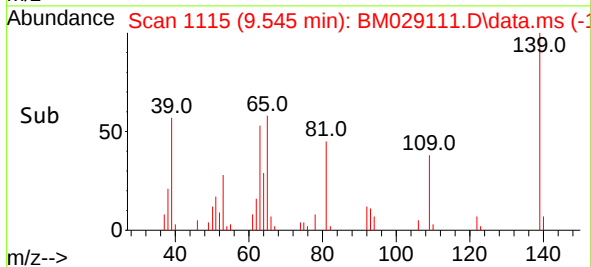
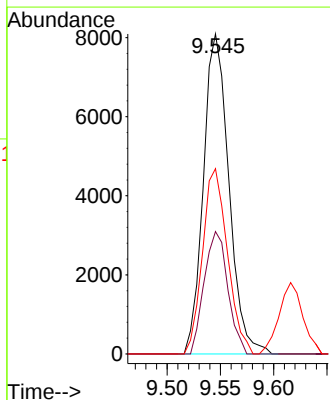
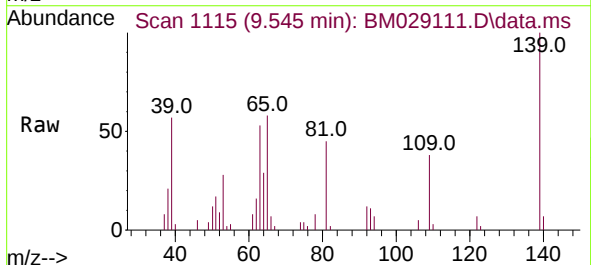
Manual Integrations  
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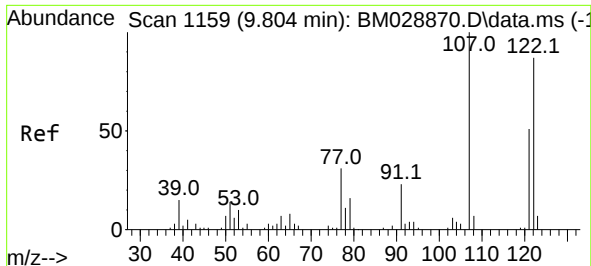
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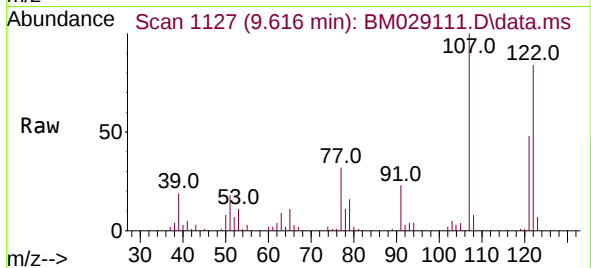
#26  
2-Nitrophenol  
Concen: 42.63 ng  
RT: 9.545 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 38.3  | 33.8  | 50.8  |
| 65      | 57.9  | 51.0  | 76.6  |

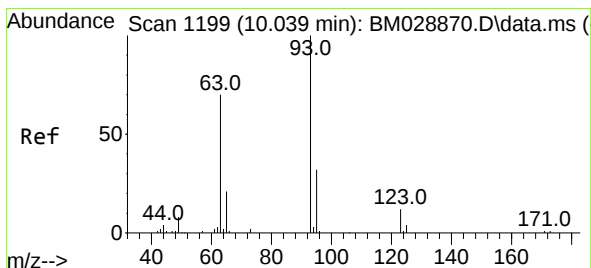
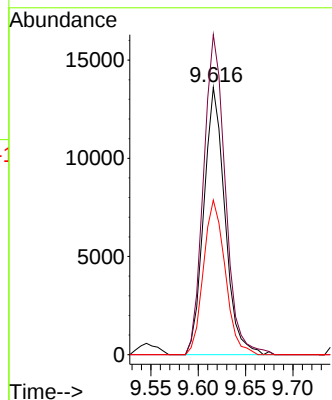
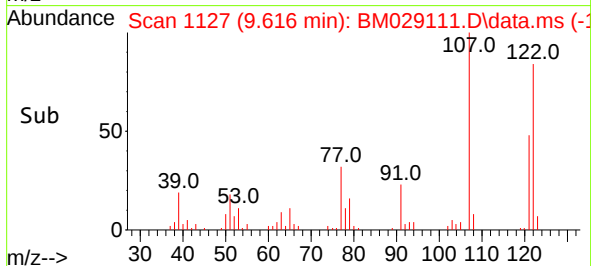




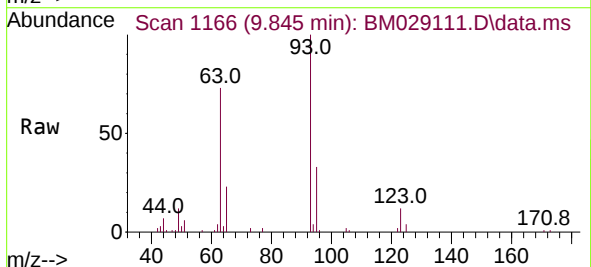
#27  
2,4-Dimethylphenol  
Concen: 44.55 ng  
RT: 9.616 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



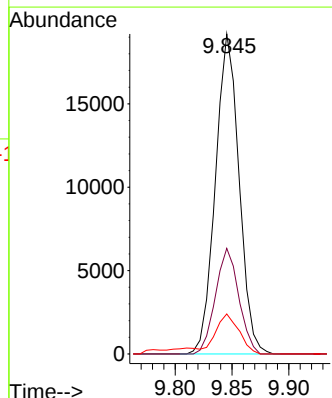
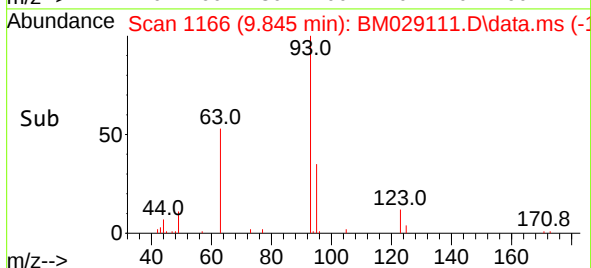
Tgt Ion:122 Resp: 21103  
Ion Ratio Lower Upper  
122 100  
107 119.7 106.6 159.8  
121 57.8 48.8 73.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.12 ng  
RT: 9.845 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



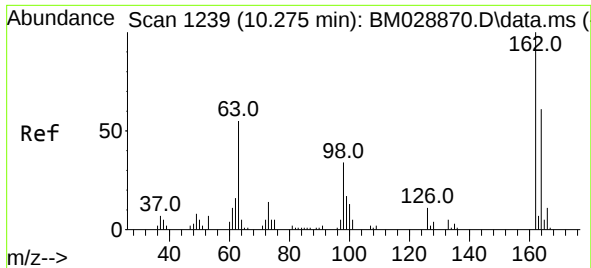
Tgt Ion: 93 Resp: 27729  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.5 39.7  
123 12.5 8.6 12.8



Instrument :  
BNA\_M  
ClientSampleId :  
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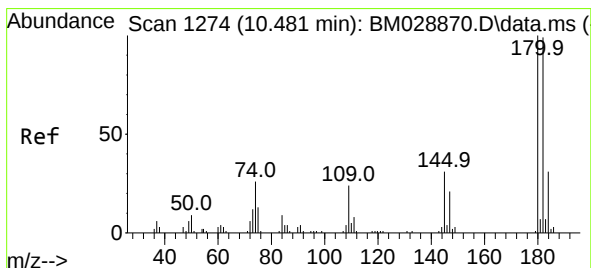
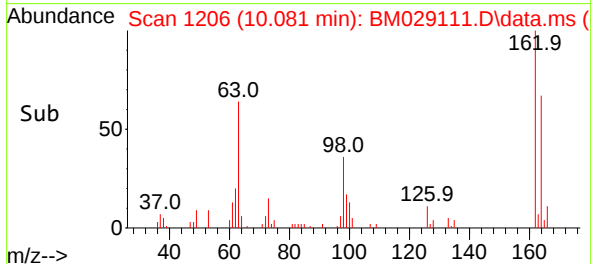
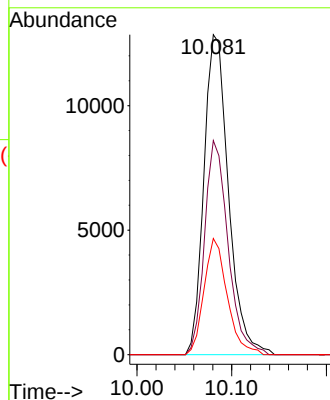
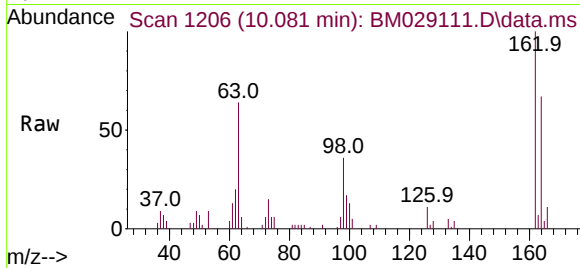
#29  
2,4-Dichlorophenol  
Concen: 42.67 ng  
RT: 10.081 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:162 Resp: 23126  
Ion Ratio Lower Upper  
162 100  
164 66.9 43.2 83.2  
98 36.3 15.7 55.7

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

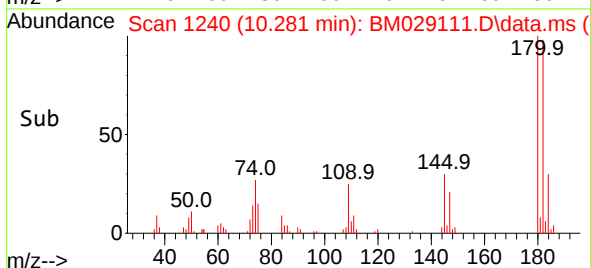
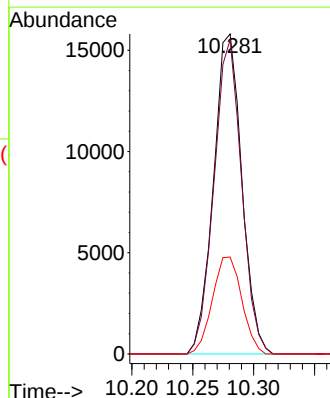
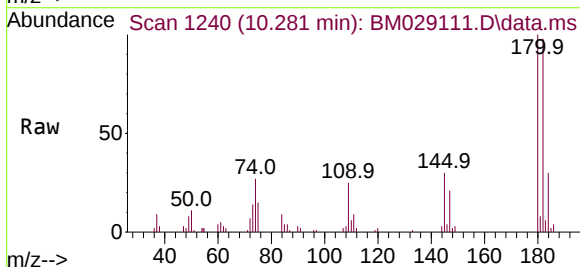
Manual Integrations  
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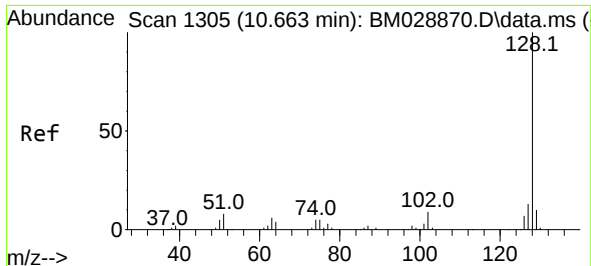
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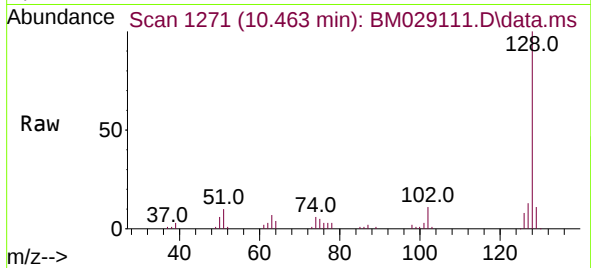
#30  
1,2,4-Trichlorobenzene  
Concen: 43.05 ng  
RT: 10.281 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:180 Resp: 25586  
Ion Ratio Lower Upper  
180 100  
182 98.2 77.7 116.5  
145 30.3 23.4 35.0

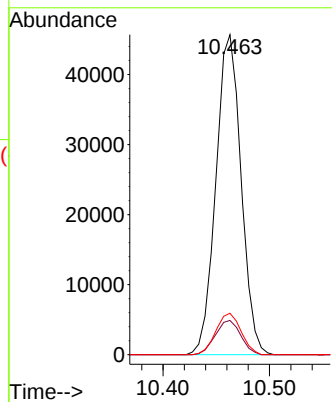
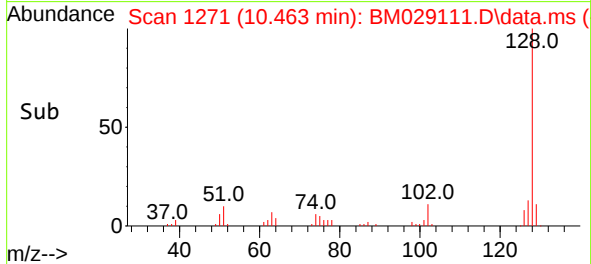




#31  
Naphthalene  
Concen: 41.01 ng  
RT: 10.463 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



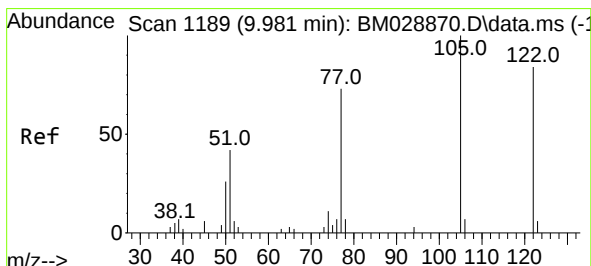
Tgt Ion:128 Resp: 74995  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.0 13.4  
127 12.9 10.6 15.8



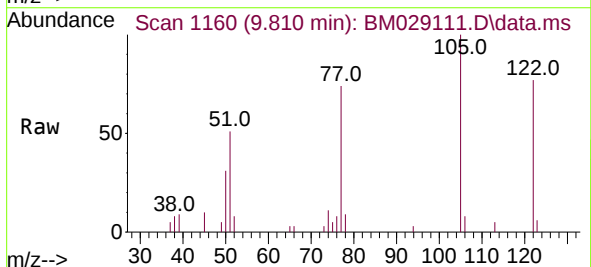
Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

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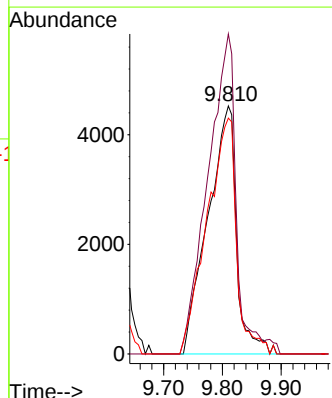
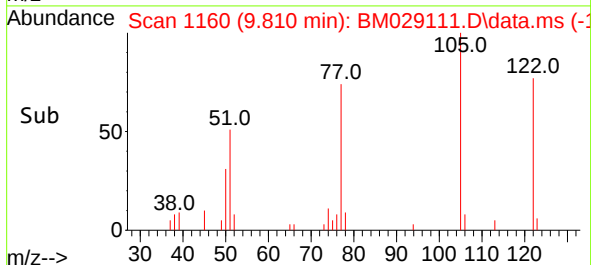
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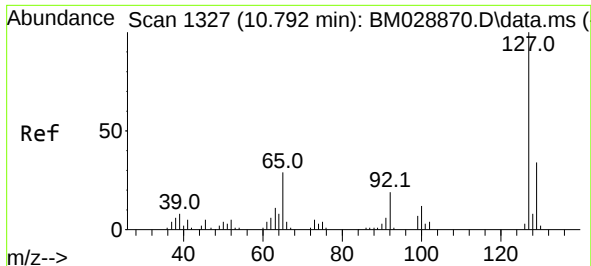


#32  
Benzoic acid  
Concen: 44.97 ng  
RT: 9.810 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

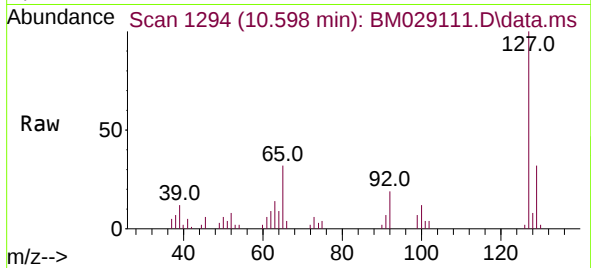


Tgt Ion:122 Resp: 15272  
Ion Ratio Lower Upper  
122 100  
105 129.0 114.0 154.0  
77 95.1 101.8 141.8#

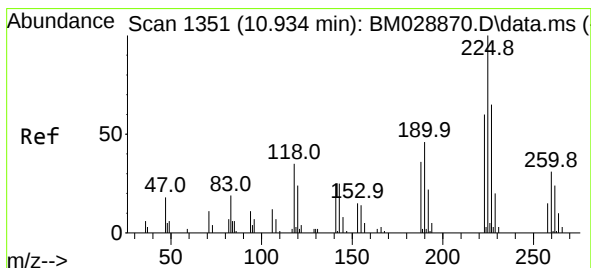
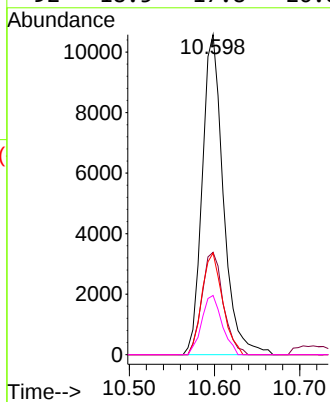
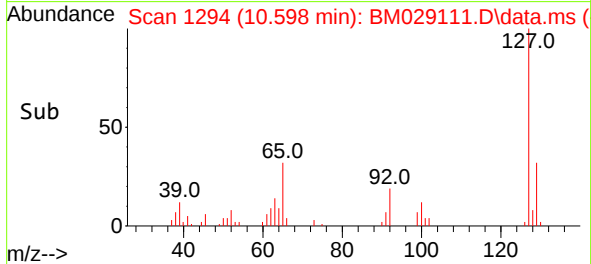




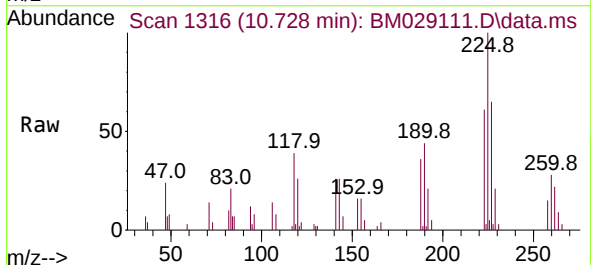
#33  
4-Chloroaniline  
Concen: 24.80 ng  
RT: 10.598 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



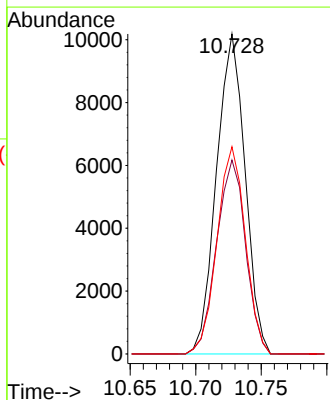
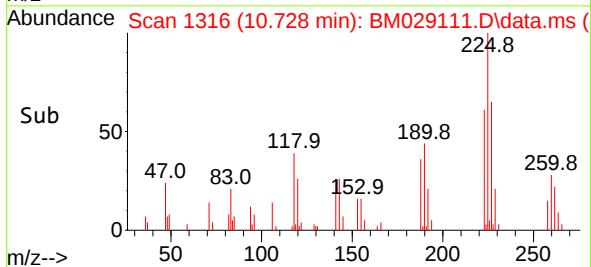
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 18224 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.0  | 24.7  | 37.1  |
| 65        | 31.8  | 30.2  | 45.4  |
| 92        | 18.5  | 17.8  | 26.8  |



#34  
Hexachlorobutadiene  
Concen: 43.29 ng  
RT: 10.728 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



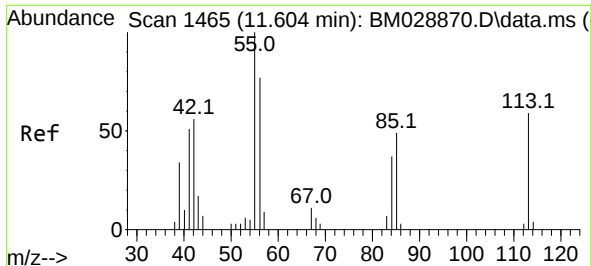
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15427 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 57.9  | 51.0  | 76.4  |
| 227       | 64.4  | 50.6  | 75.8  |



Instrument :  
BNA\_M  
ClientSampled :  
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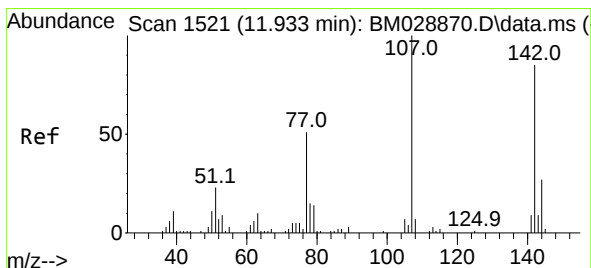
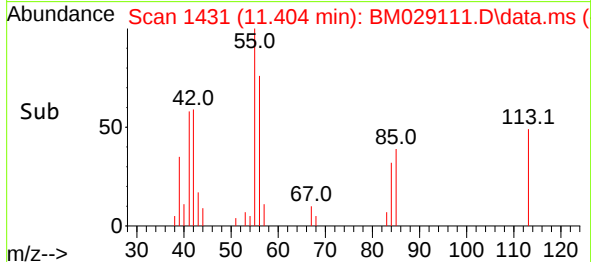
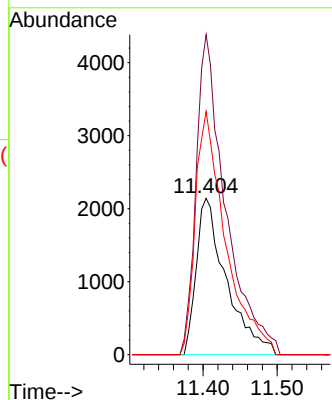
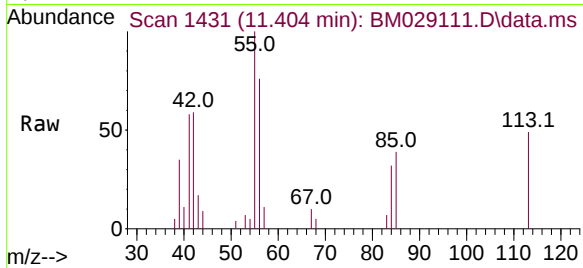
#35  
Caprolactam  
Concen: 40.74 ng  
RT: 11.404 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:113 Resp: 6041  
Ion Ratio Lower Upper  
113 100  
55 204.6 103.2 143.2#  
56 155.6 84.2 124.2#

Instrument :  
BNA\_M  
ClientSampled :  
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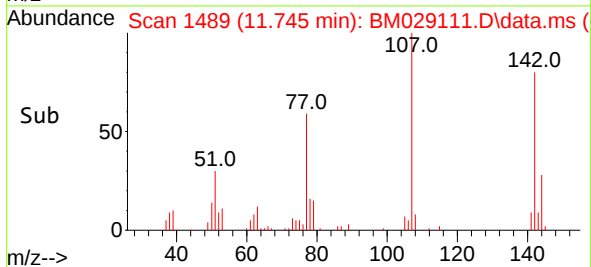
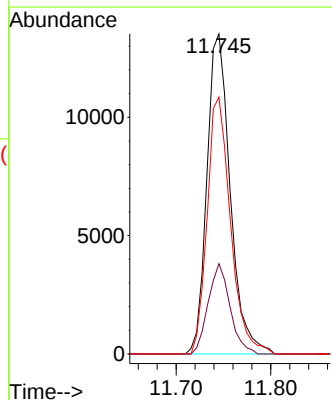
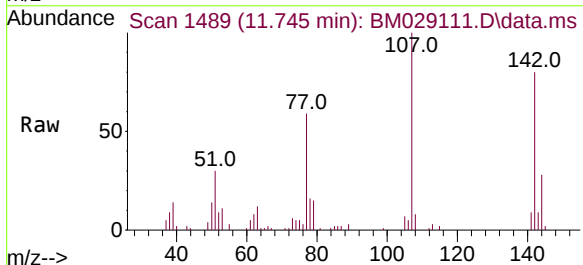
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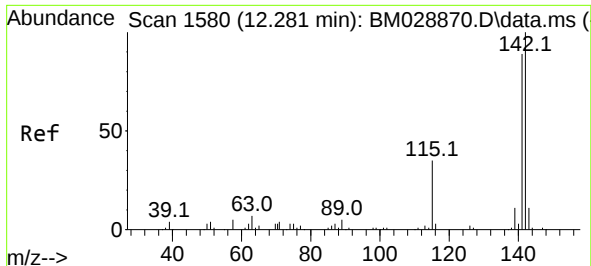
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#36  
4-Chloro-3-methylphenol  
Concen: 42.35 ng  
RT: 11.745 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:107 Resp: 23132  
Ion Ratio Lower Upper  
107 100  
144 28.2 20.1 30.1  
142 80.3 60.3 90.5





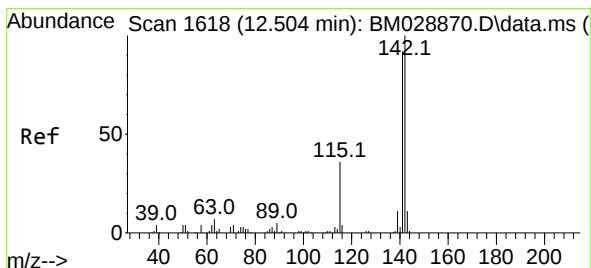
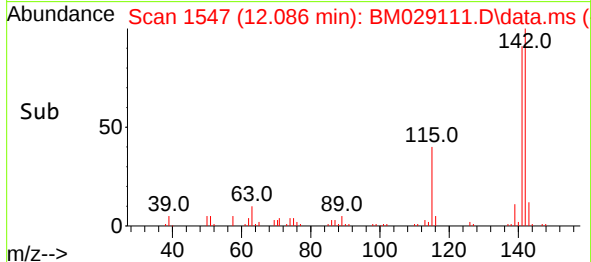
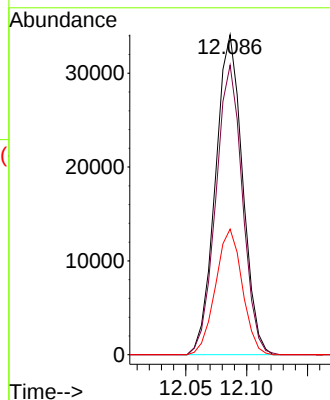
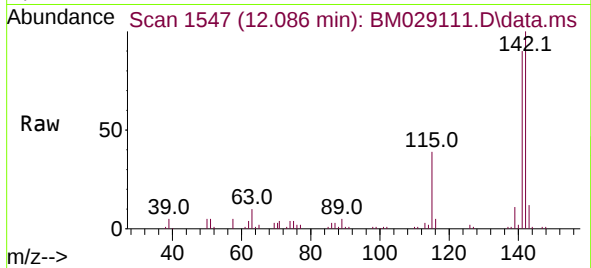
#37  
2-Methylnaphthalene  
Concen: 41.11 ng  
RT: 12.086 min Scan# 1547  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:142 Resp: 52895  
Ion Ratio Lower Upper  
142 100  
141 90.5 70.3 105.5  
115 39.3 32.2 48.4

Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

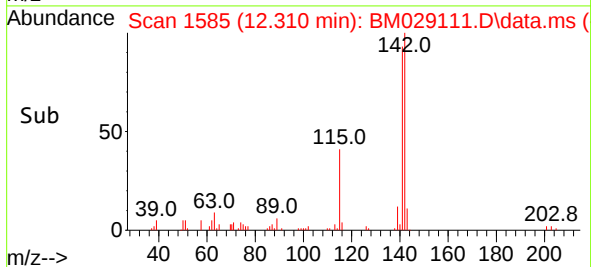
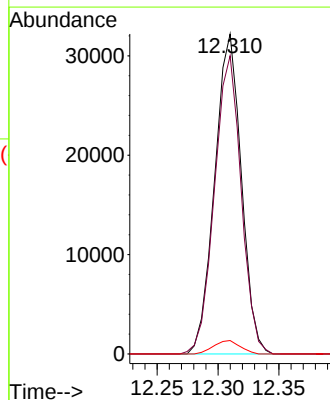
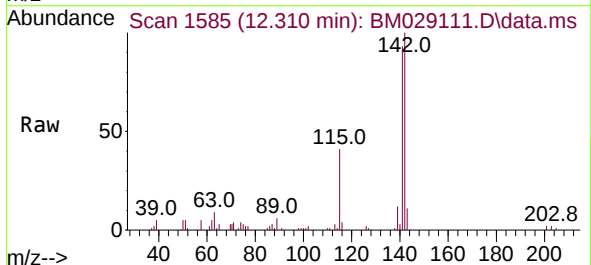
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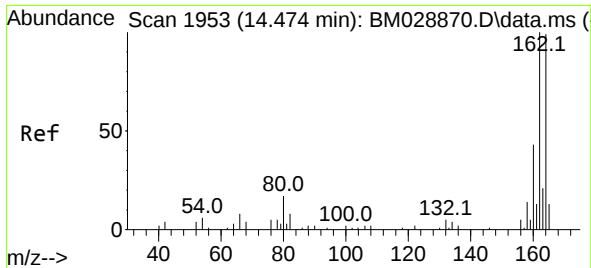
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#38  
1-Methylnaphthalene  
Concen: 40.20 ng  
RT: 12.310 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

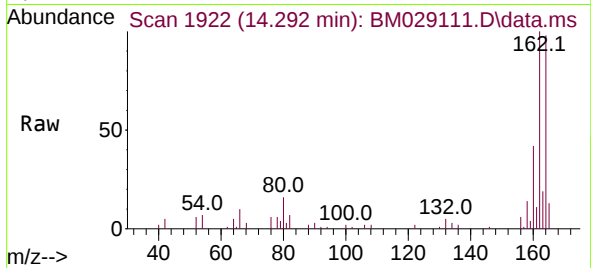
Tgt Ion:142 Resp: 48991  
Ion Ratio Lower Upper  
142 100  
141 93.2 73.8 110.6  
116 4.2 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

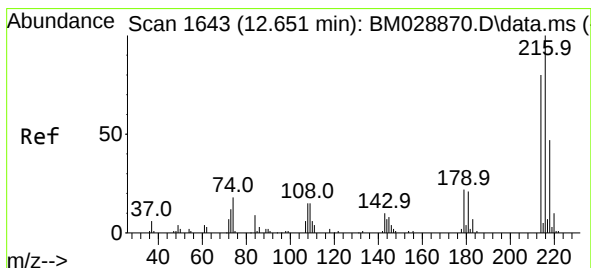
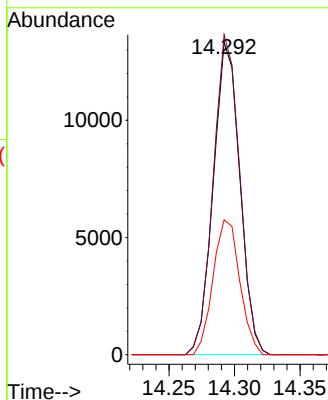
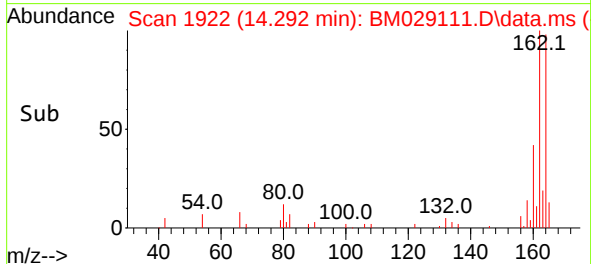
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS



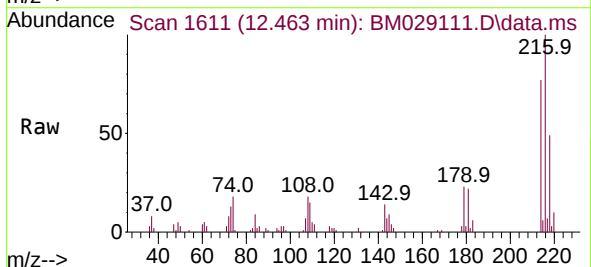
Tgt Ion:164 Resp: 18751  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.4 120.6  
160 43.2 35.9 53.9

Manual Integrations  
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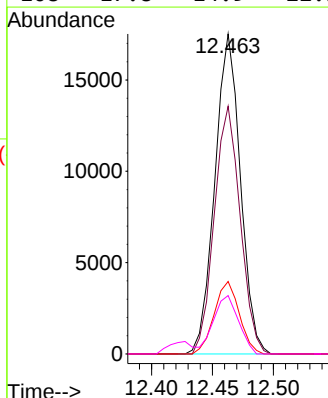
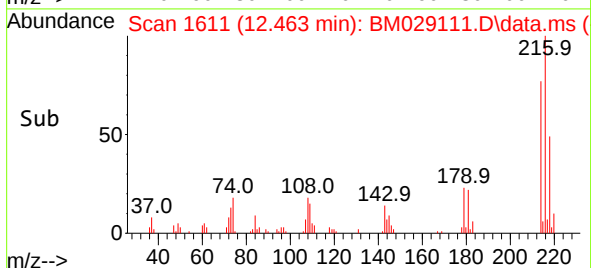
mohammad  
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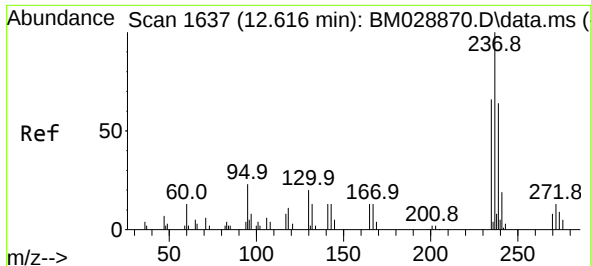


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.67 ng  
RT: 12.463 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

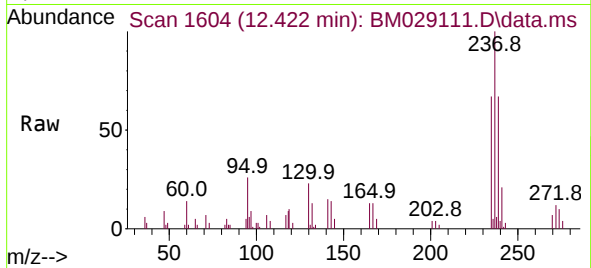


Tgt Ion:216 Resp: 25604  
Ion Ratio Lower Upper  
216 100  
214 78.3 62.1 93.1  
179 22.2 17.2 25.8  
108 17.8 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 98.23 ng  
RT: 12.422 min Scan# 1604  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

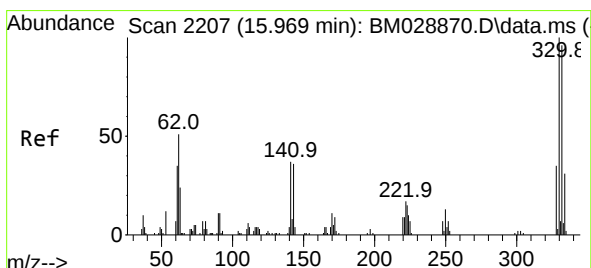
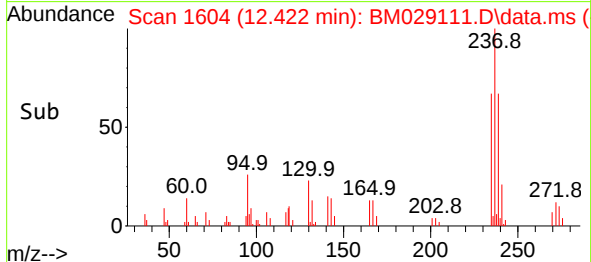
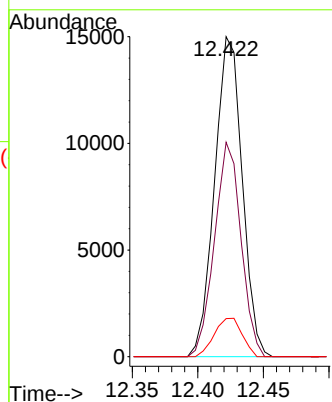


Tgt Ion: 237 Resp: 21953  
Ion Ratio Lower Upper  
237 100  
235 67.0 43.1 83.1  
272 11.9 0.0 33.0

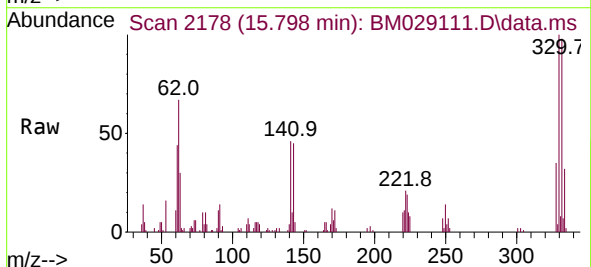
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

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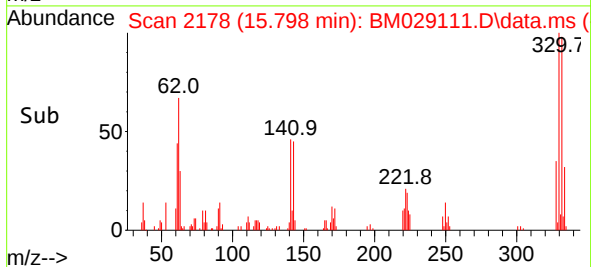
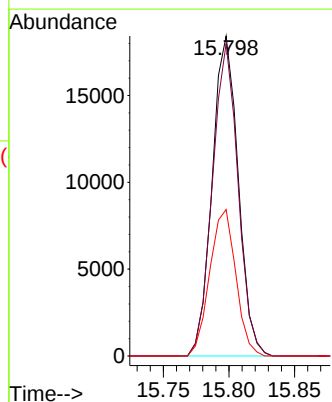
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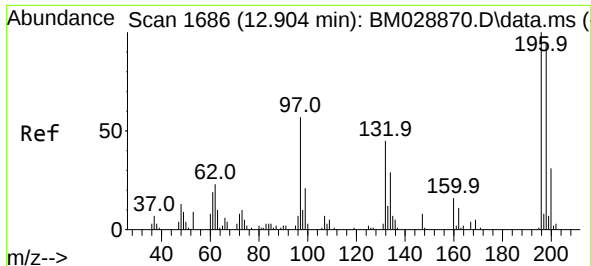


#42  
2,4,6-Tribromophenol  
Concen: 114.27 ng  
RT: 15.798 min Scan# 2178  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



Tgt Ion: 330 Resp: 25395  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.8 116.8  
141 45.9 28.4 42.6#





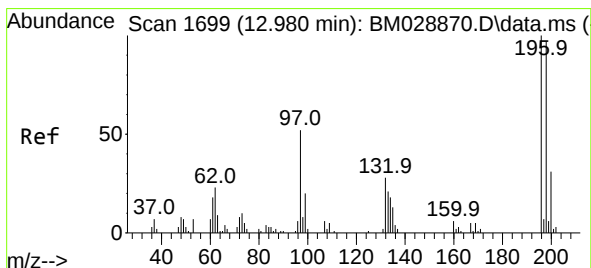
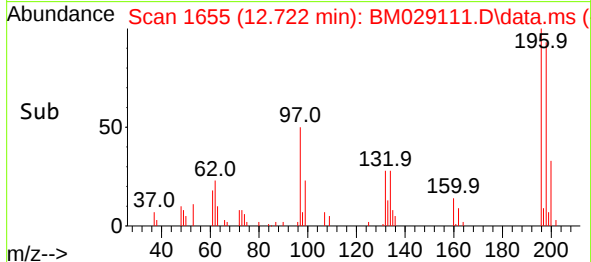
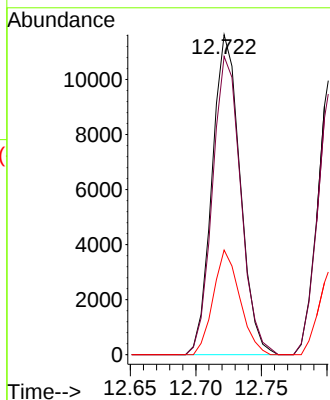
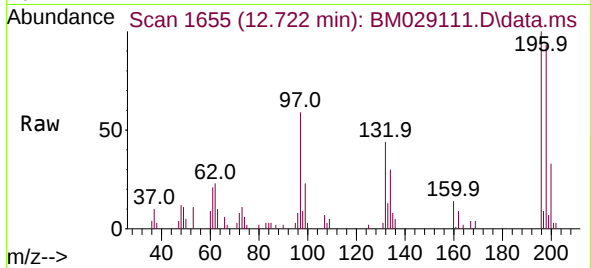
#43  
2,4,6-Trichlorophenol  
Concen: 42.03 ng  
RT: 12.722 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

Tgt Ion:196 Resp: 17272  
Ion Ratio Lower Upper  
196 100  
198 93.2 74.9 112.3  
200 32.7 23.7 35.5

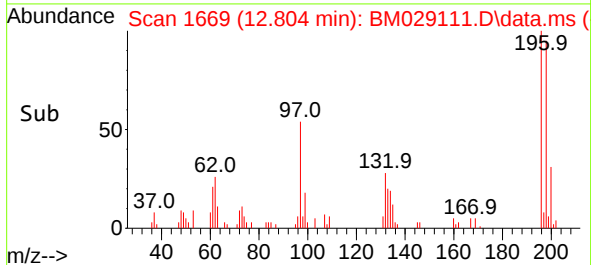
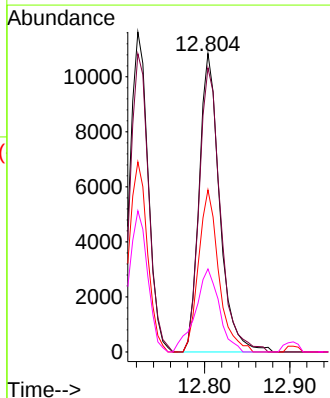
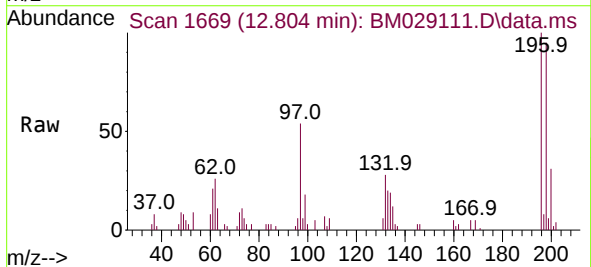
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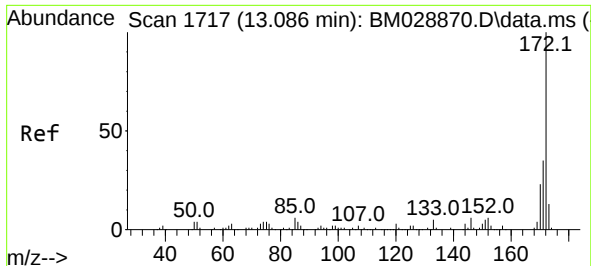
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#44  
2,4,5-Trichlorophenol  
Concen: 41.09 ng  
RT: 12.804 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

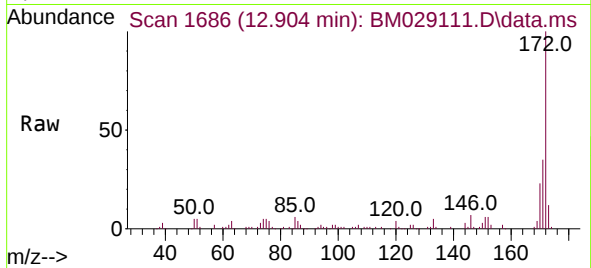
Tgt Ion:196 Resp: 18122  
Ion Ratio Lower Upper  
196 100  
198 95.1 79.0 118.6  
97 54.3 40.5 60.7  
132 27.8 19.3 28.9





#45  
2-Fluorobiphenyl  
Concen: 67.80 ng  
RT: 12.904 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

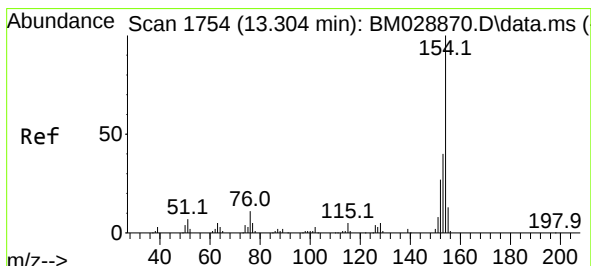
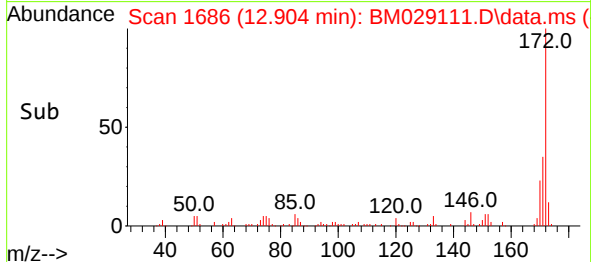
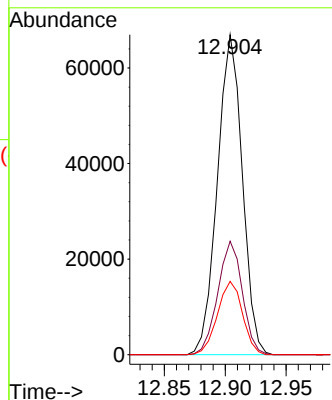
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS



Tgt Ion:172 Resp: 95502  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.8 41.8  
170 22.9 18.6 27.8

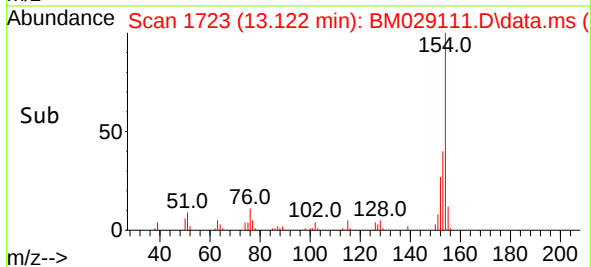
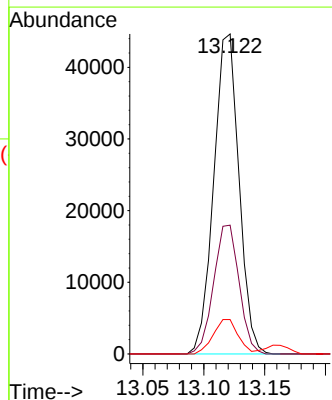
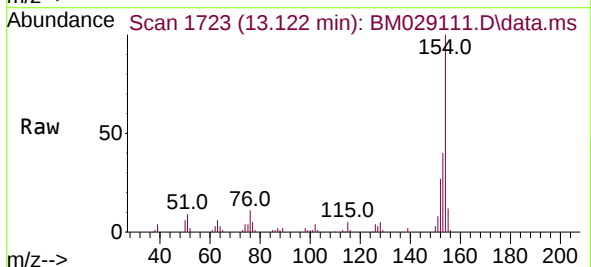
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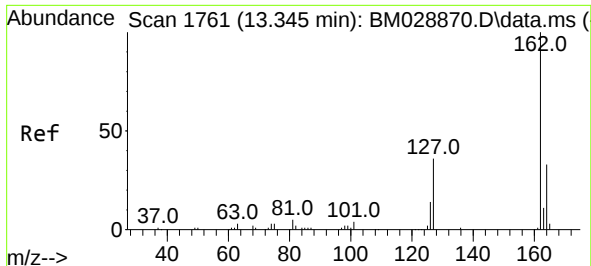
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#46  
1,1'-Biphenyl  
Concen: 42.77 ng  
RT: 13.122 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

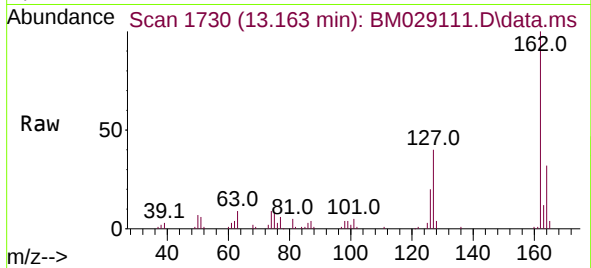
Tgt Ion:154 Resp: 64313  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.0 60.0  
76 10.7 0.0 32.0





#47  
2-Chloronaphthalene  
Concen: 42.09 ng  
RT: 13.163 min Scan# 1730  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

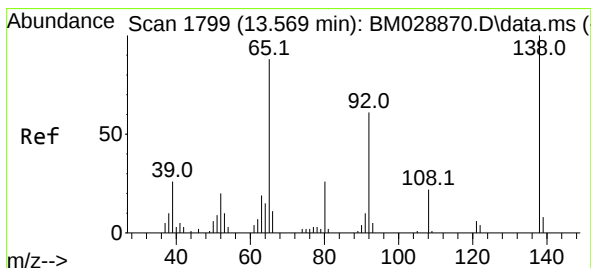
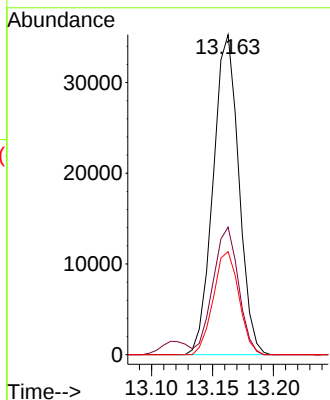
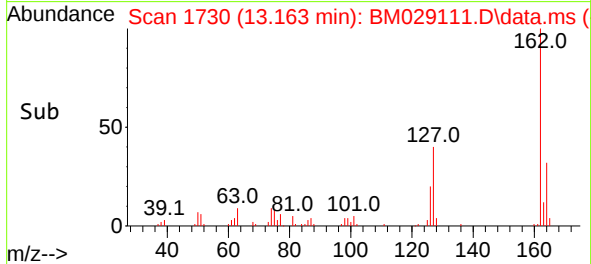
Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS



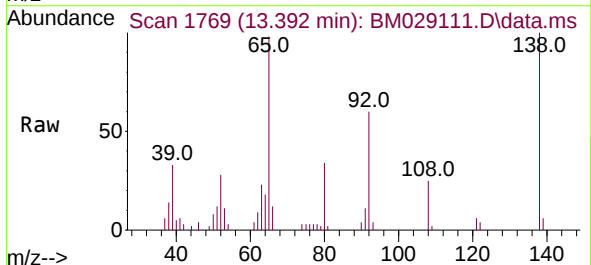
Tgt Ion:162 Resp: 51665  
Ion Ratio Lower Upper  
162 100  
127 39.8 29.6 44.4  
164 32.2 26.2 39.4

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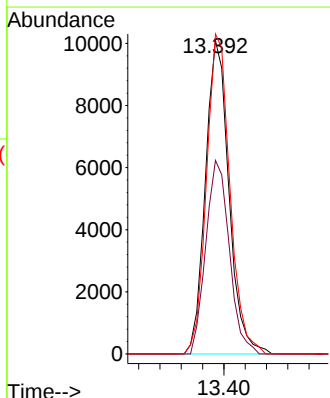
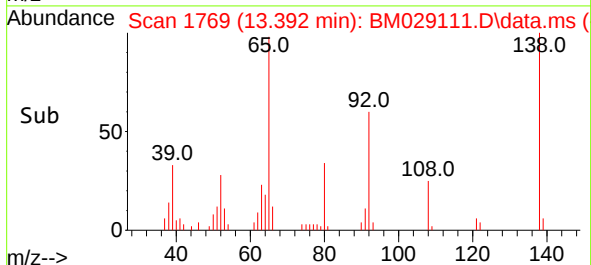
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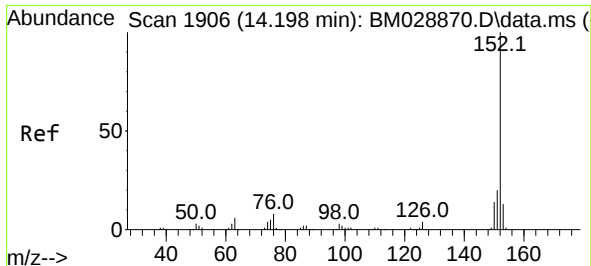


#48  
2-Nitroaniline  
Concen: 46.79 ng  
RT: 13.392 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

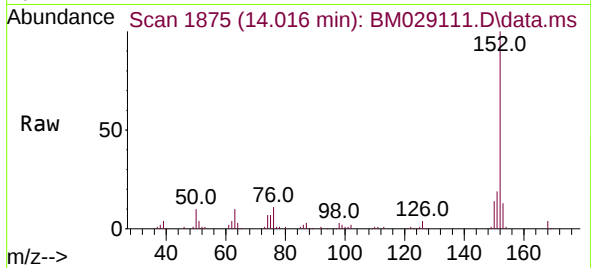


Tgt Ion: 65 Resp: 15449  
Ion Ratio Lower Upper  
65 100  
92 61.8 51.5 77.3  
138 102.2 72.7 109.1





#49  
Acenaphthylene  
Concen: 41.69 ng  
RT: 14.016 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

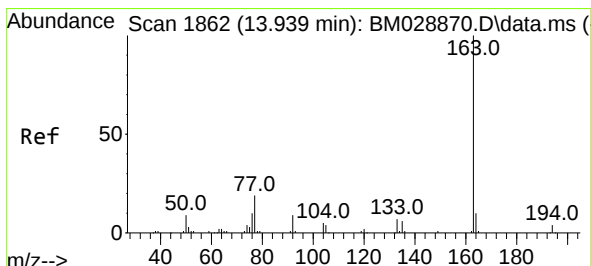
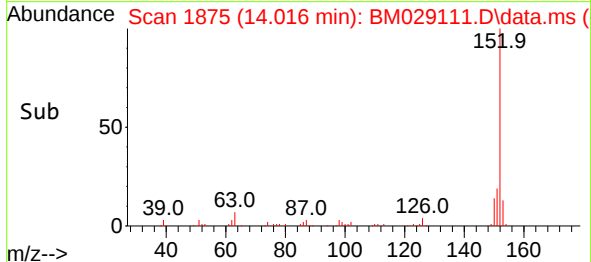
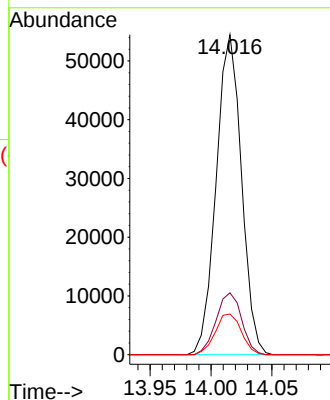


Tgt Ion:152 Resp: 78598  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 12.7 10.4 15.6

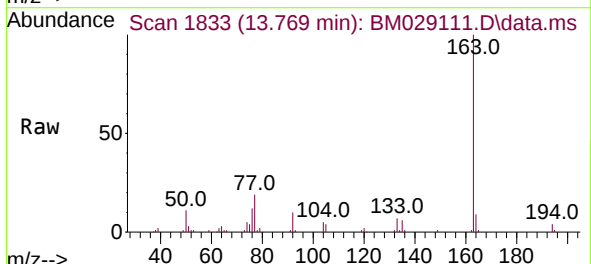
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

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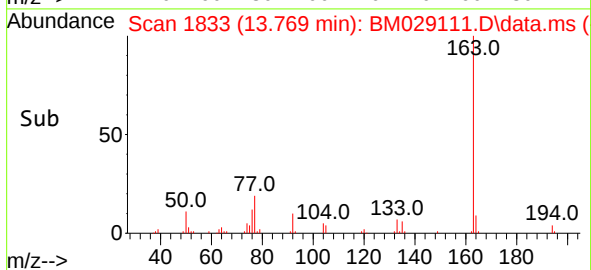
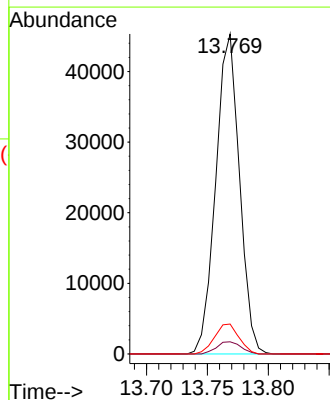
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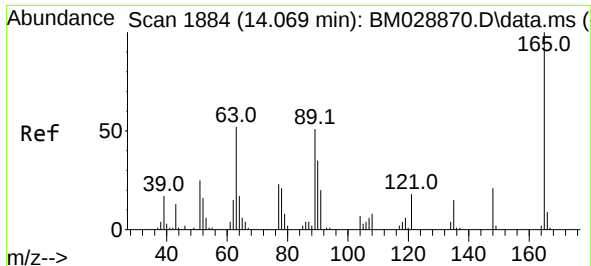


#50  
Dimethylphthalate  
Concen: 43.23 ng  
RT: 13.769 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

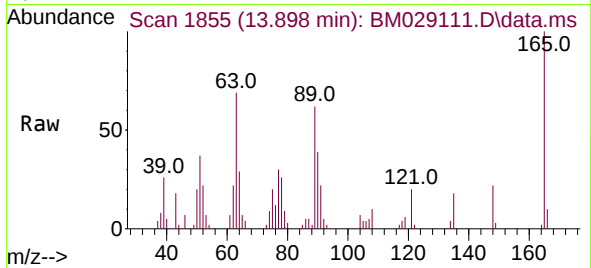


Tgt Ion:163 Resp: 61423  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.4 5.2  
164 9.4 8.1 12.1

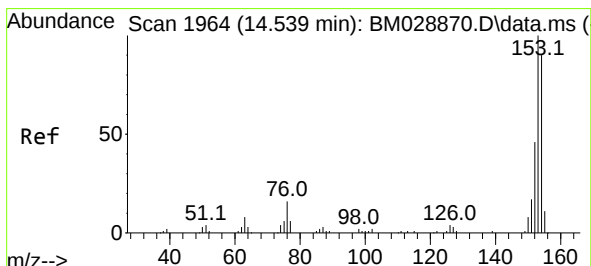
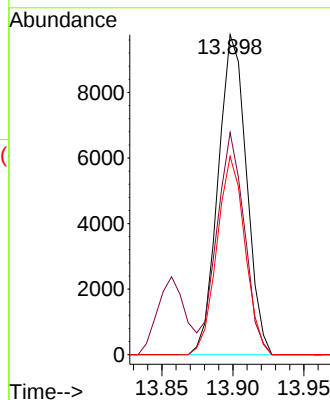
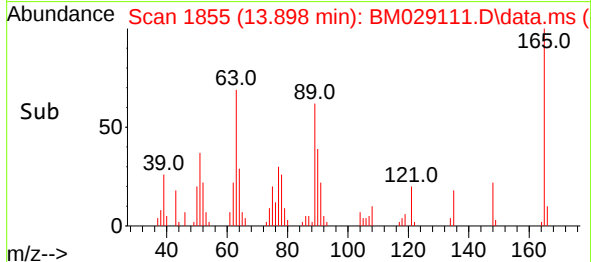




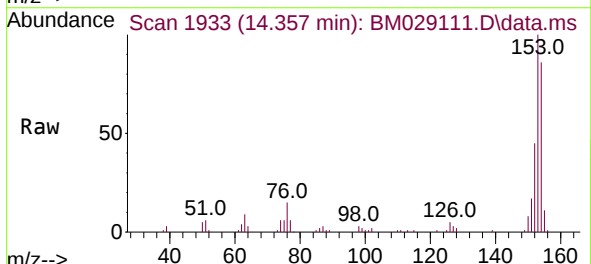
#51  
2,6-Dinitrotoluene  
Concen: 40.94 ng  
RT: 13.898 min Scan# 1855  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



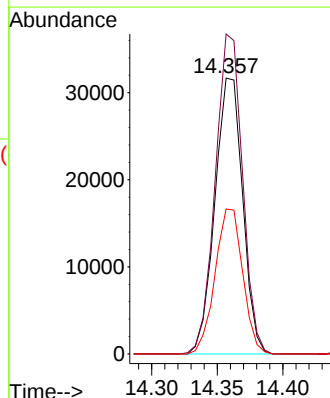
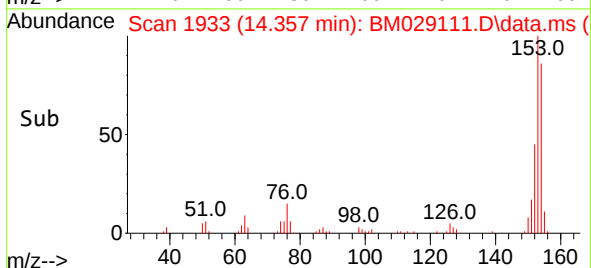
Tgt Ion:165 Resp: 13565  
Ion Ratio Lower Upper  
165 100  
63 69.4 51.1 76.7  
89 62.0 53.3 79.9



#52  
Acenaphthene  
Concen: 40.33 ng  
RT: 14.357 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



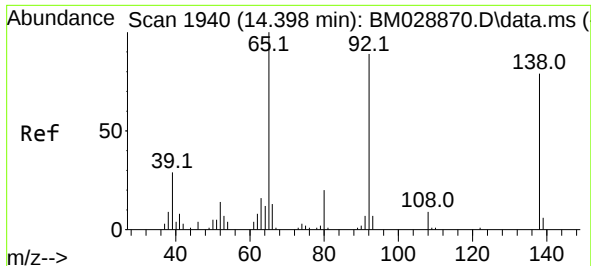
Tgt Ion:154 Resp: 46625  
Ion Ratio Lower Upper  
154 100  
153 116.0 88.3 132.5  
152 52.5 41.4 62.2



Instrument :  
BNA\_M  
ClientSampleId :  
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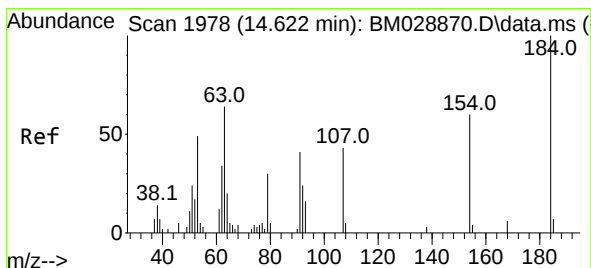
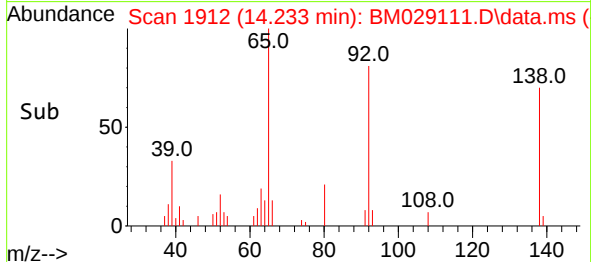
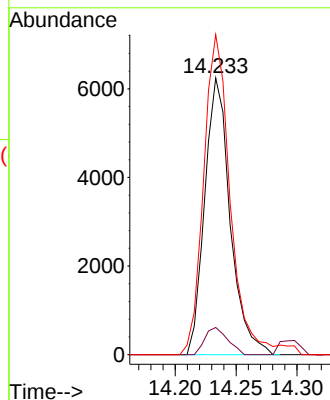
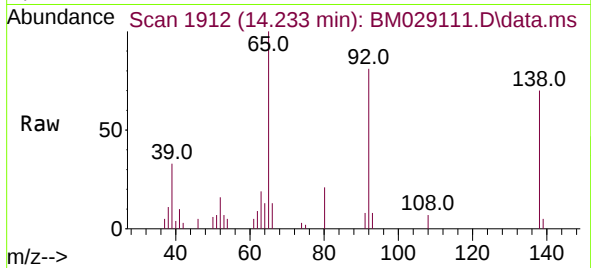
#53  
3-Nitroaniline  
Concen: 28.17 ng  
RT: 14.233 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:138 Resp: 9095  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.6 13.0  
92 115.7 102.1 153.1

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

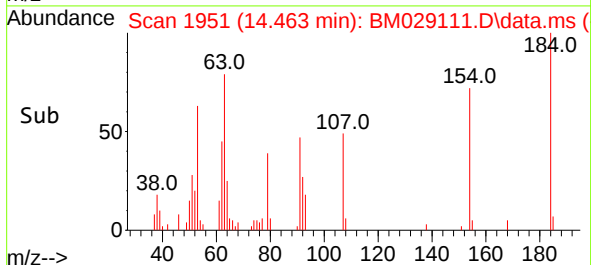
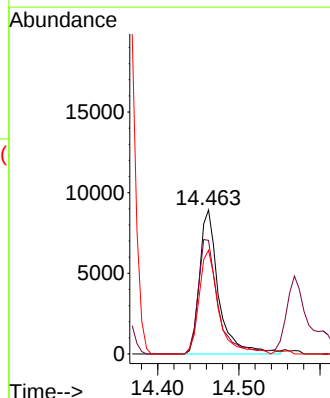
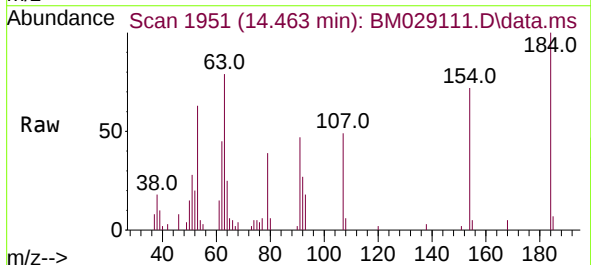
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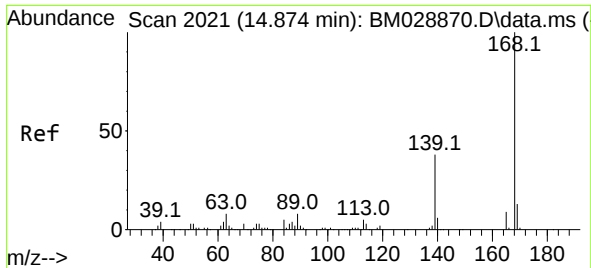
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#54  
2,4-Dinitrophenol  
Concen: 86.51 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:184 Resp: 14660  
Ion Ratio Lower Upper  
184 100  
63 78.9 60.2 90.2  
154 72.0 52.9 79.3





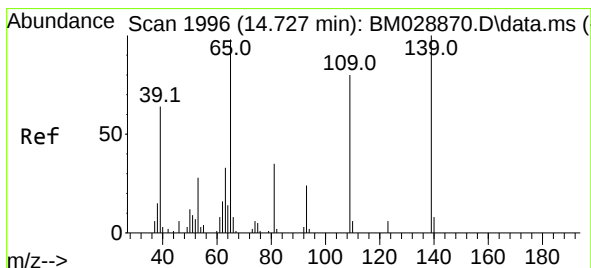
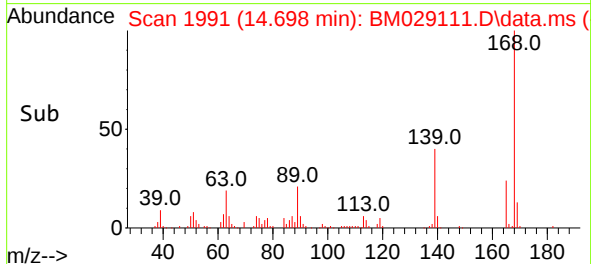
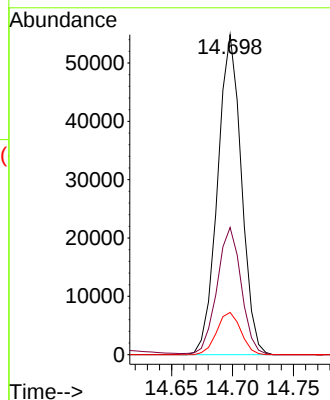
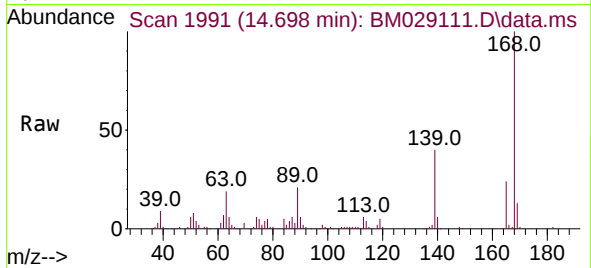
#55  
Dibenzenofuran  
Concen: 41.11 ng  
RT: 14.698 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:168 Resp: 74622  
Ion Ratio Lower Upper  
168 100  
139 39.7 30.2 45.4  
169 13.2 10.6 16.0

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

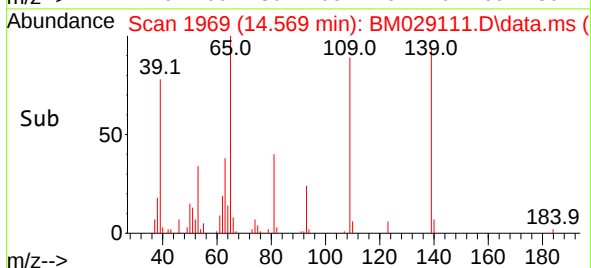
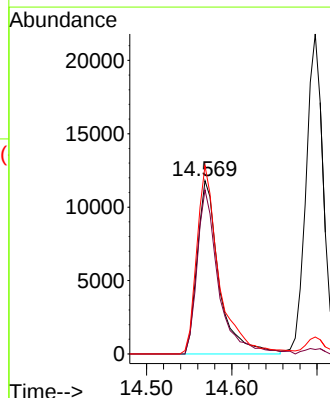
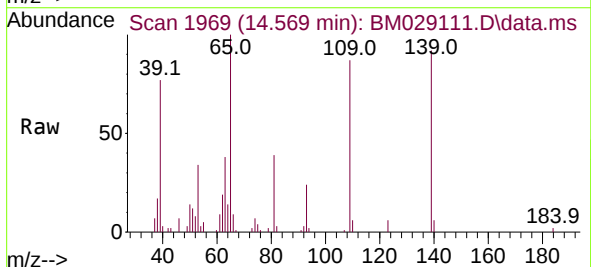
Manual Integrations  
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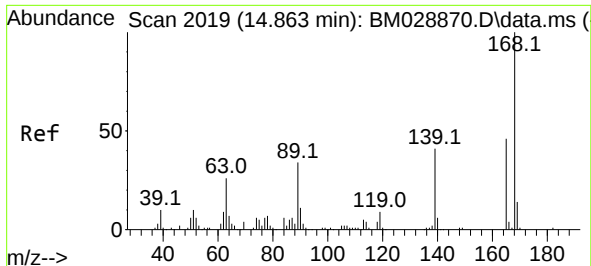
mohammad  
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#56  
4-Nitrophenol  
Concen: 79.07 ng  
RT: 14.569 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:139 Resp: 20937  
Ion Ratio Lower Upper  
139 100  
109 94.7 77.0 117.0  
65 108.6 103.4 143.4





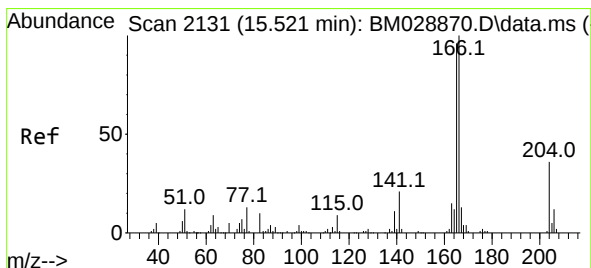
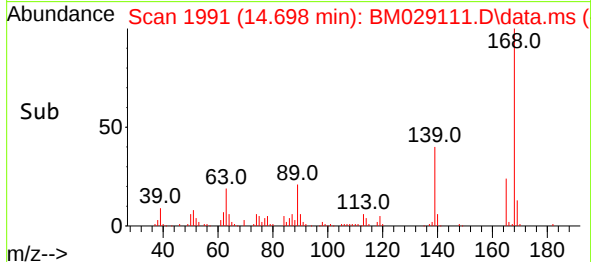
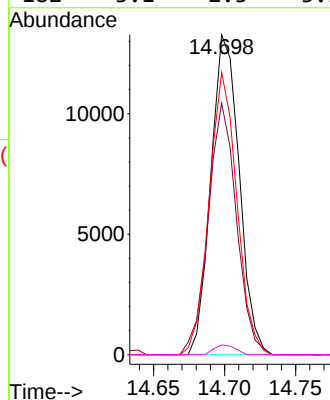
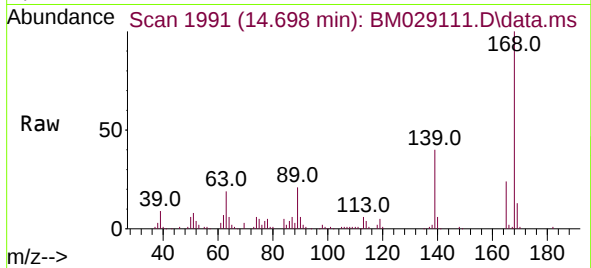
#57  
2,4-Dinitrotoluene  
Concen: 42.47 ng  
RT: 14.698 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:165 Resp: 18379  
Ion Ratio Lower Upper  
165 100  
63 78.6 38.8 58.2#  
89 88.2 62.6 94.0  
182 3.1 2.3 3.5

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

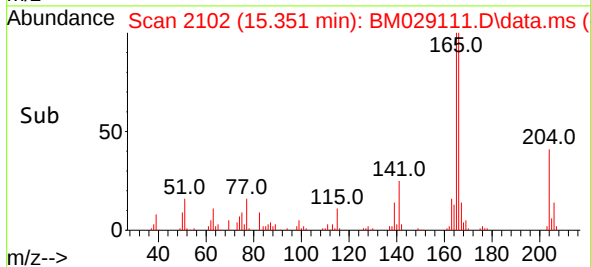
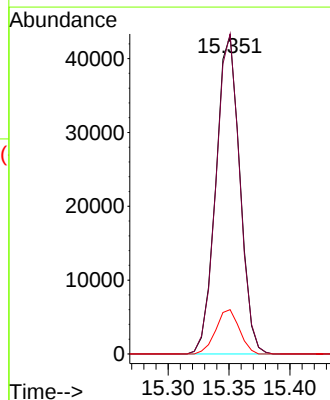
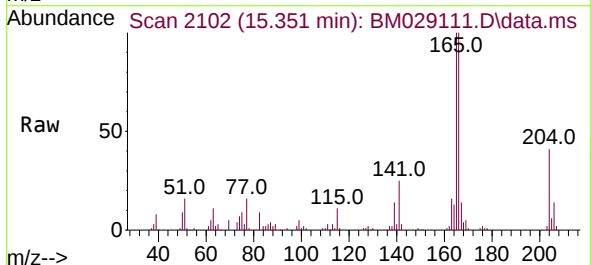
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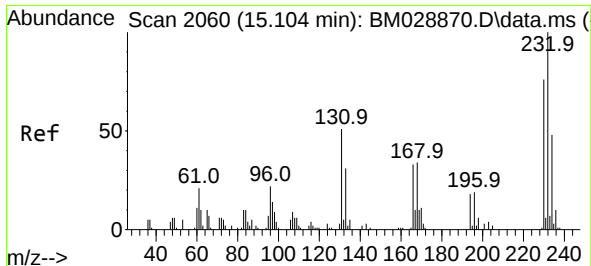
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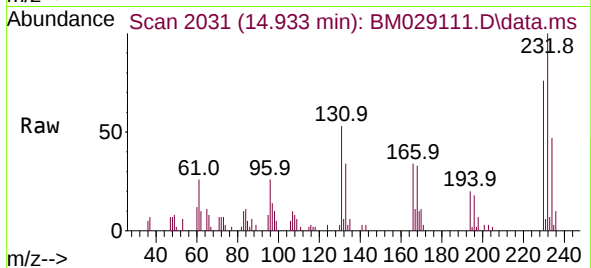
#58  
Fluorene  
Concen: 40.52 ng  
RT: 15.351 min Scan# 2102  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:166 Resp: 58960  
Ion Ratio Lower Upper  
166 100  
165 100.4 76.2 114.2  
167 13.9 10.7 16.1

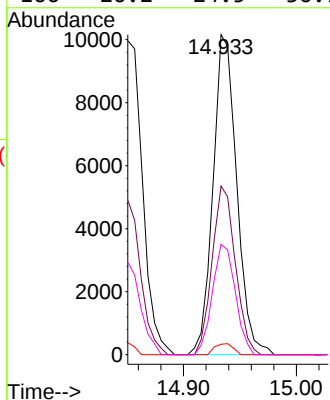
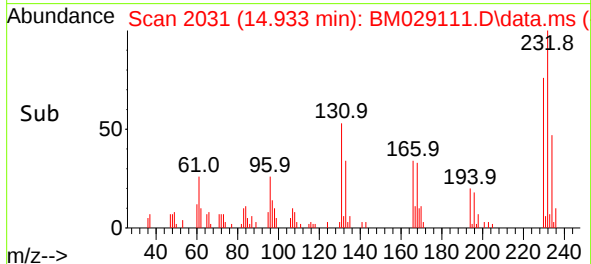




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.77 ng m  
RT: 14.933 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



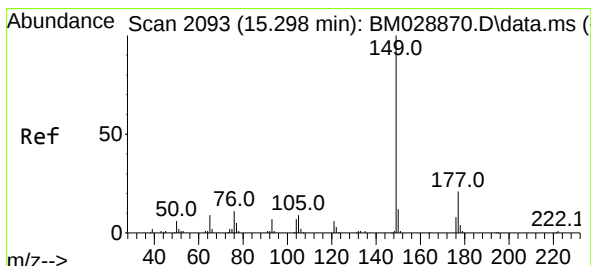
Tgt Ion:232 Resp: 14808  
Ion Ratio Lower Upper  
232 100  
131 44.9 32.2 48.2  
130 2.0 1.8 2.8  
166 26.2 24.5 36.7



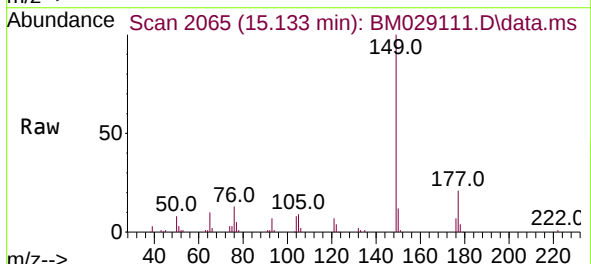
Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

Manual Integrations  
APPROVED

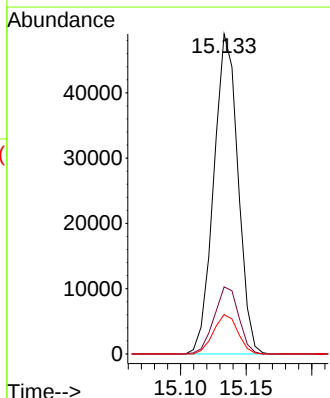
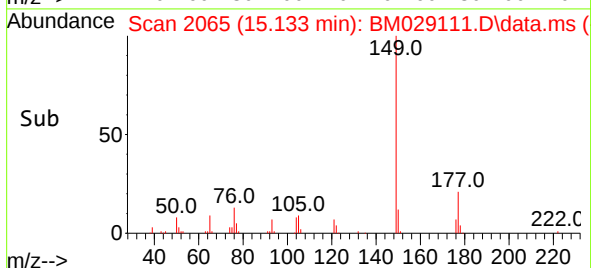
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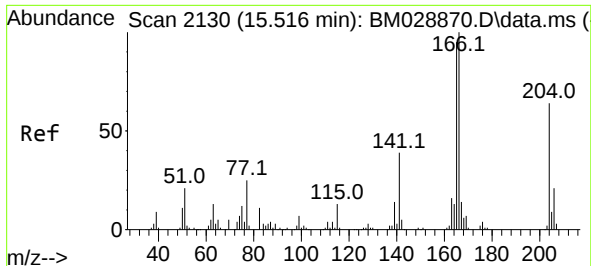


#60  
Diethylphthalate  
Concen: 43.98 ng  
RT: 15.133 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



Tgt Ion:149 Resp: 62875  
Ion Ratio Lower Upper  
149 100  
177 21.0 18.2 27.4  
150 12.3 10.2 15.4





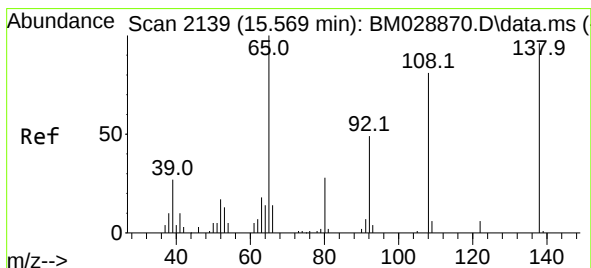
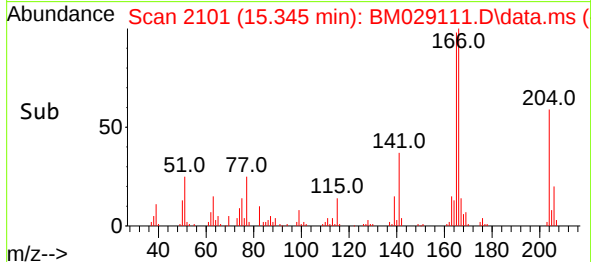
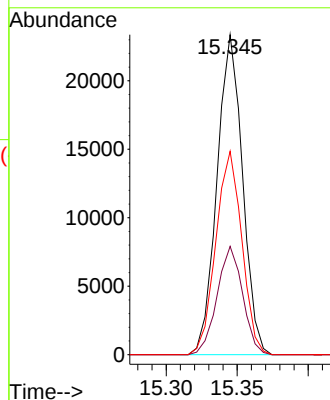
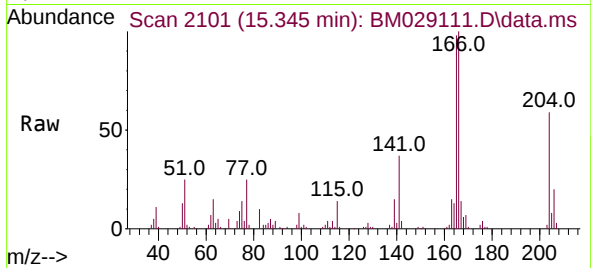
#61  
4-Chlorophenyl-phenylether  
Concen: 42.08 ng  
RT: 15.345 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.8  | 26.1  | 39.1  |
| 141     | 63.5  | 43.7  | 65.5  |

Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

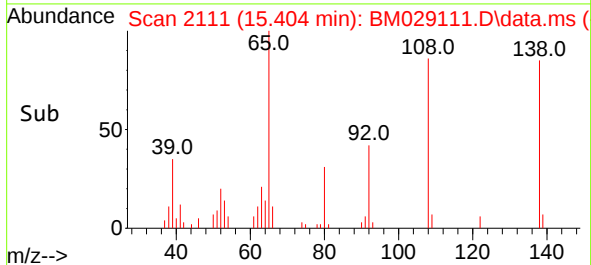
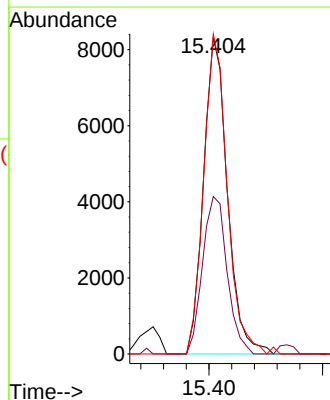
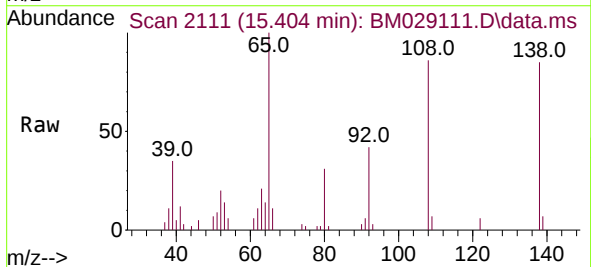
Manual Integrations  
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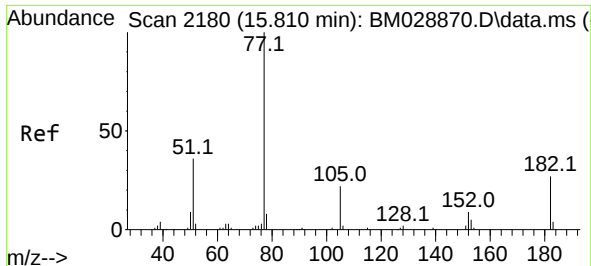
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#62  
4-Nitroaniline  
Concen: 38.89 ng  
RT: 15.404 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.7  | 35.5  | 75.5  |
| 108     | 101.0 | 80.5  | 120.5 |





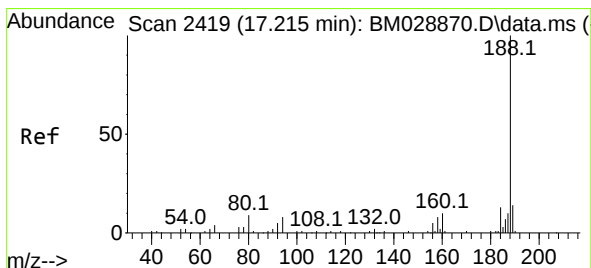
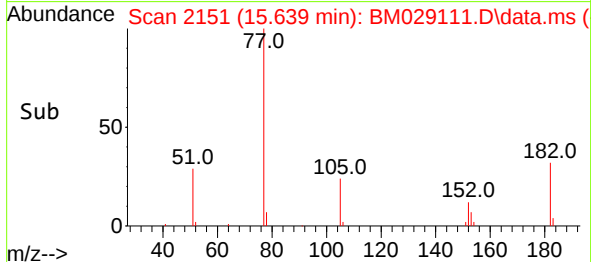
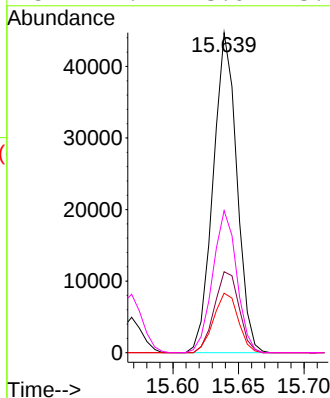
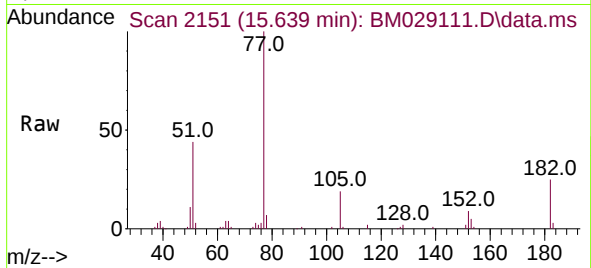
#63  
Azobenzene  
Concen: 42.55 ng  
RT: 15.639 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.3  | 5.8   | 45.8  |
| 105     | 18.6  | 0.0   | 37.2  |
| 51      | 44.4  | 3.6   | 43.6# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

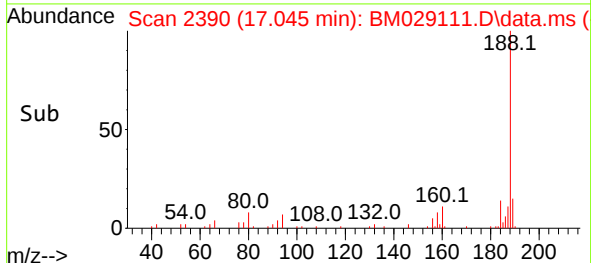
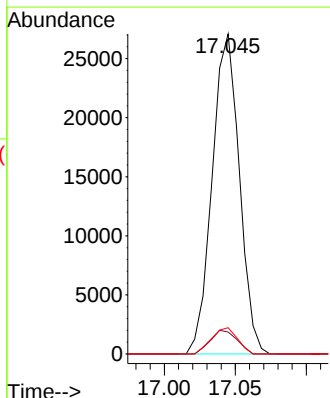
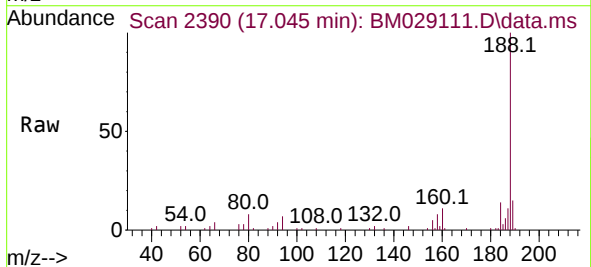
Manual Integrations  
APPROVED

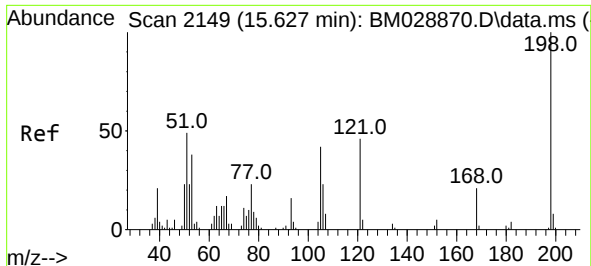
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.045 min Scan# 2390  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

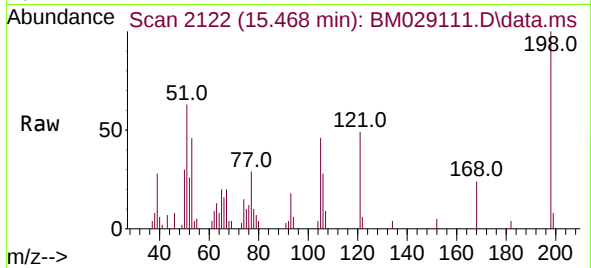
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.8   | 6.2   | 9.4   |
| 80      | 8.2   | 7.5   | 11.3  |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.43 ng  
RT: 15.468 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

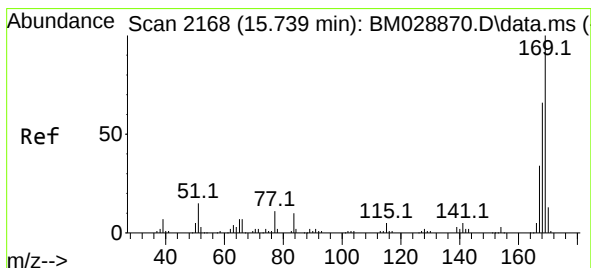
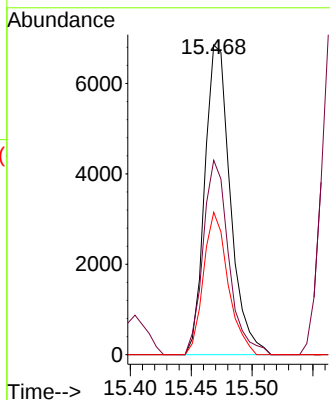
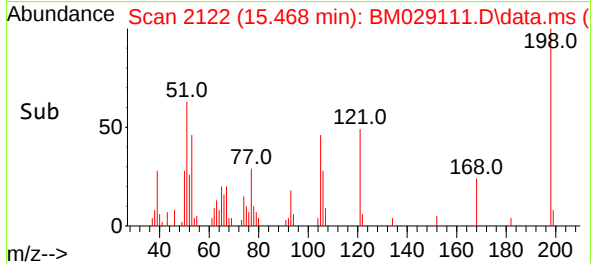
Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS



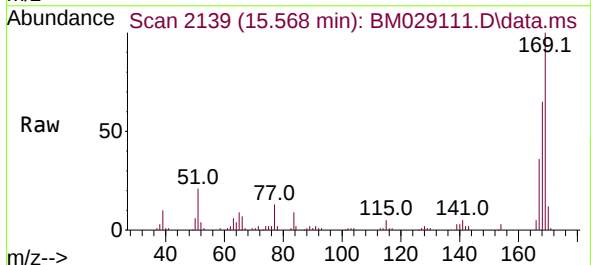
Tgt Ion:198 Resp: 10002  
Ion Ratio Lower Upper  
198 100  
51 62.8 13.0 53.0#  
105 46.0 18.7 58.7

Manual Integrations  
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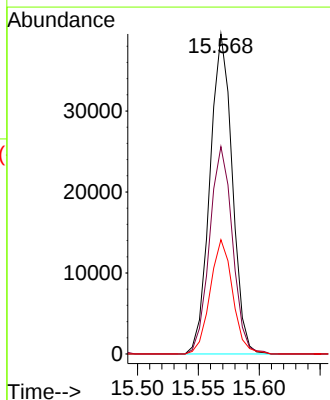
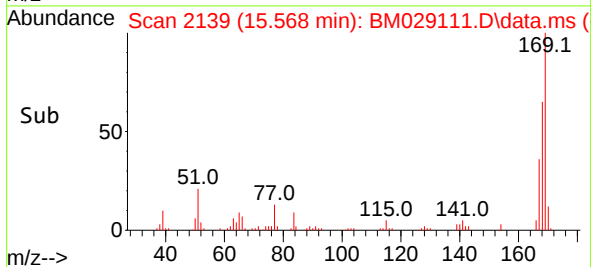
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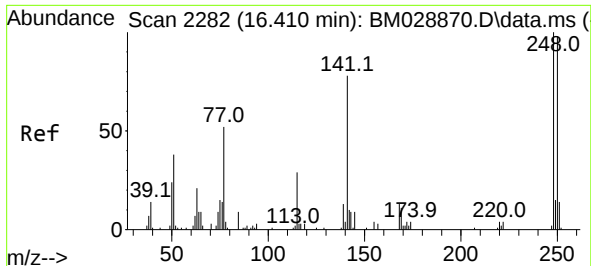


#66  
n-Nitrosodiphenylamine  
Concen: 40.95 ng  
RT: 15.568 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



Tgt Ion:169 Resp: 50470  
Ion Ratio Lower Upper  
169 100  
168 64.8 53.8 80.8  
167 35.7 29.0 43.4





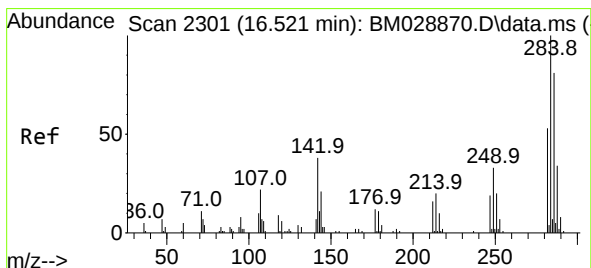
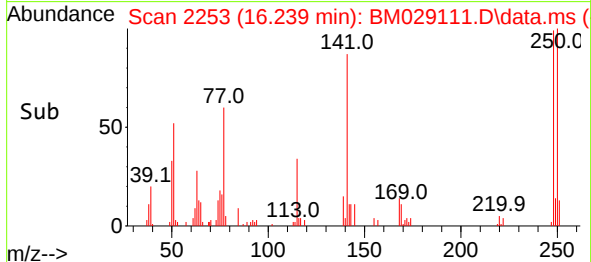
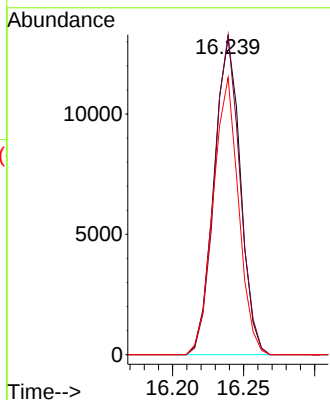
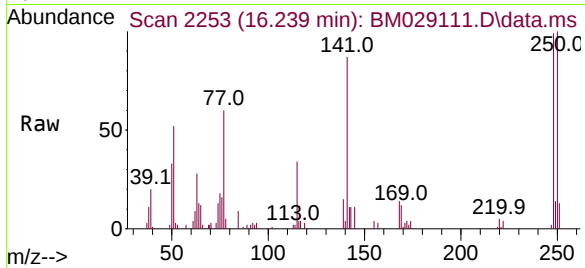
#67  
4-Bromophenyl-phenylether  
Concen: 42.03 ng  
RT: 16.239 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:248 Resp: 16990  
Ion Ratio Lower Upper  
248 100  
250 101.1 79.1 118.7  
141 87.6 51.8 77.8#

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

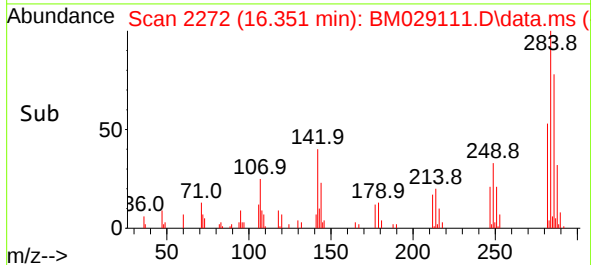
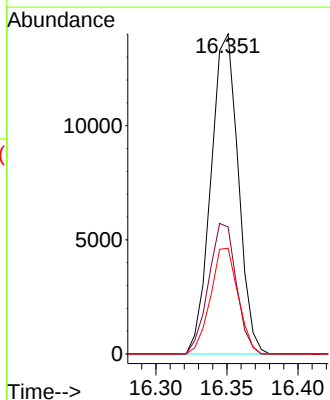
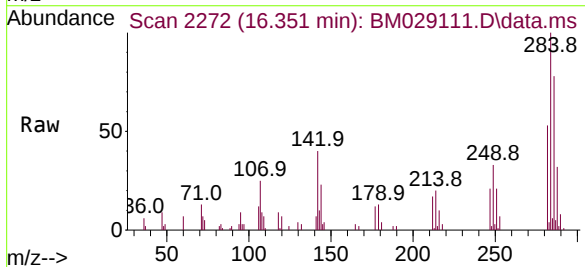
Manual Integrations  
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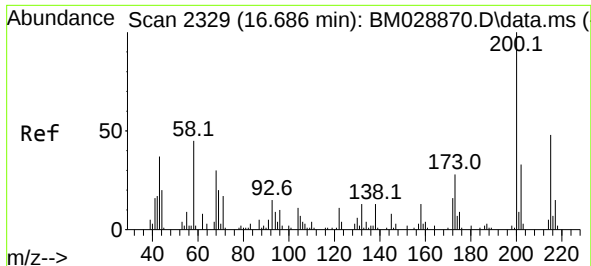
mohammad  
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#68  
Hexachlorobenzene  
Concen: 41.63 ng  
RT: 16.351 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:284 Resp: 18753  
Ion Ratio Lower Upper  
284 100  
142 39.7 26.1 39.1#  
249 33.1 25.6 38.4





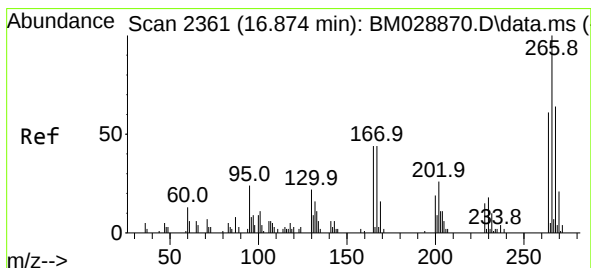
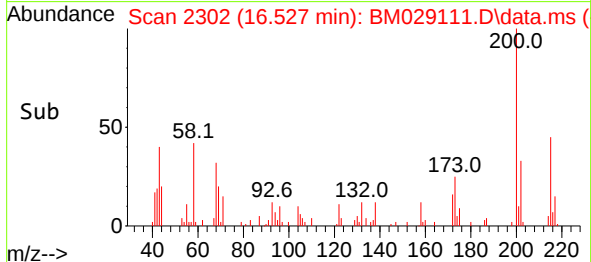
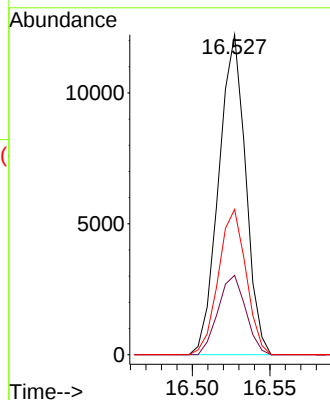
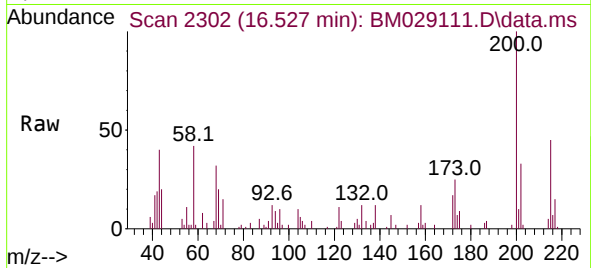
#69  
Atrazine  
Concen: 38.45 ng  
RT: 16.527 min Scan# 2302  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:200 Resp: 14742  
Ion Ratio Lower Upper  
200 100  
173 24.8 4.9 44.9  
215 45.4 29.0 69.0

Instrument :  
BNA\_M  
ClientSampled :  
PB135132BS

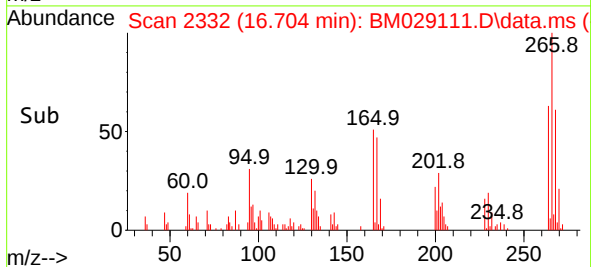
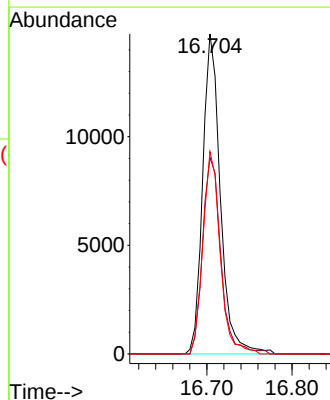
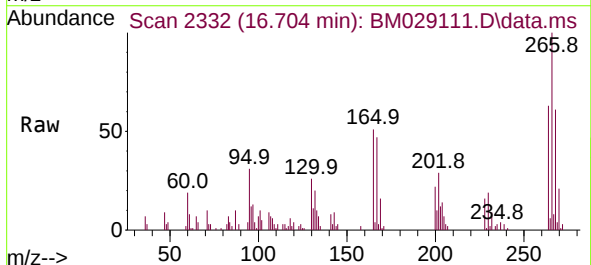
Manual Integrations  
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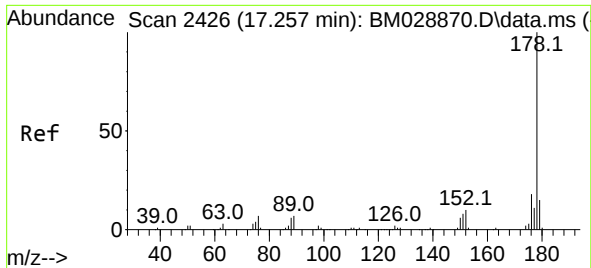
mohammad  
3/15/2021 11:31:57 AM



#70  
Pentachlorophenol  
Concen: 88.15 ng  
RT: 16.704 min Scan# 2332  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:266 Resp: 21241  
Ion Ratio Lower Upper  
266 100  
268 61.4 49.9 74.9  
264 63.3 50.6 76.0





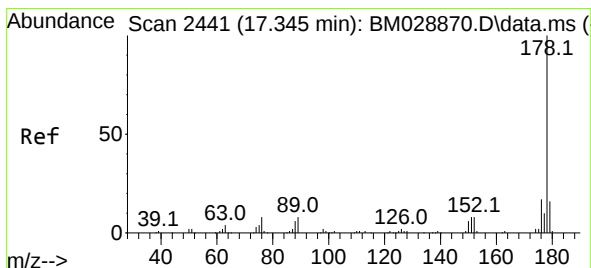
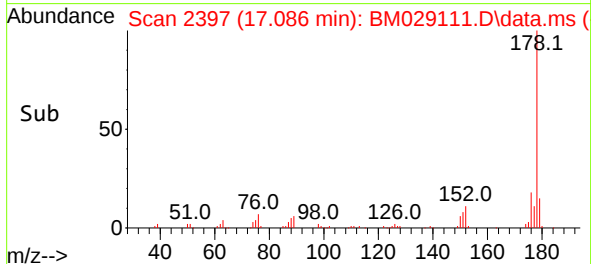
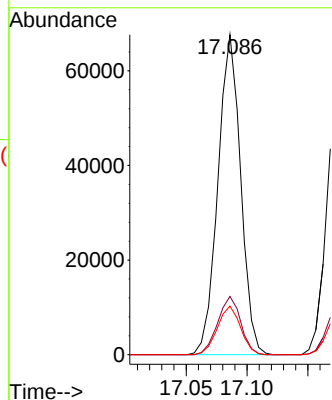
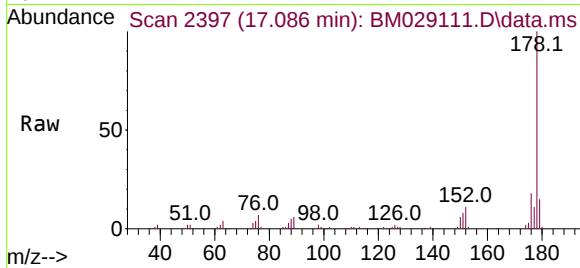
#71  
Phenanthrene  
Concen: 40.97 ng  
RT: 17.086 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 87880 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.2  | 15.0  | 22.6  |
| 179       | 15.2  | 12.2  | 18.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
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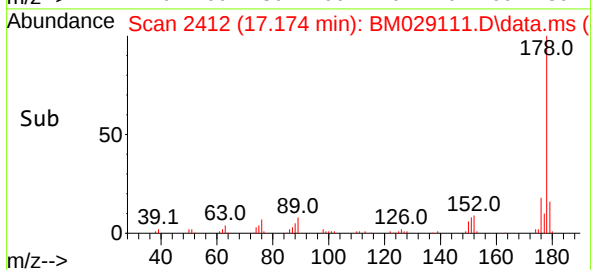
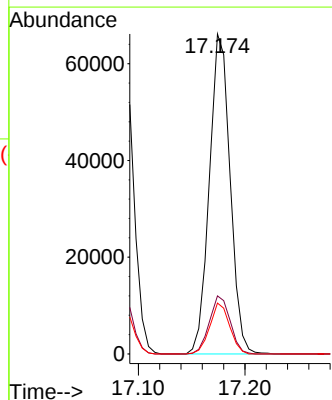
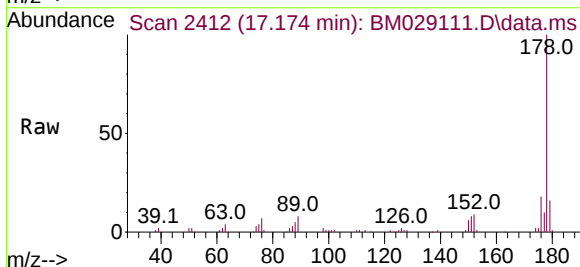
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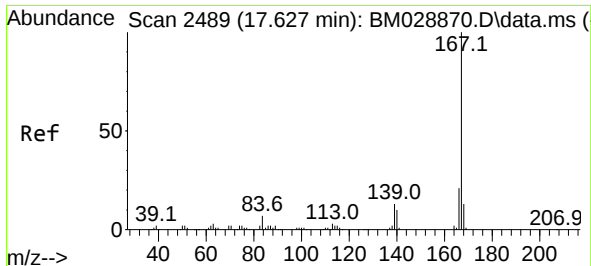
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#72  
Anthracene  
Concen: 42.05 ng  
RT: 17.174 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

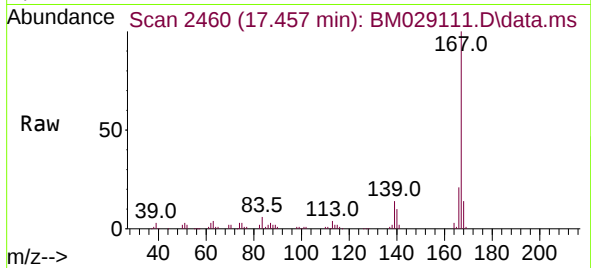
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 89364 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.2  | 15.0  | 22.4  |
| 179       | 15.9  | 12.5  | 18.7  |





#73  
 Carbazole  
 Concen: 39.54 ng  
 RT: 17.457 min Scan# 2460  
 Delta R.T. -0.006 min  
 Lab File: BM029111.D  
 Acq: 12 Mar 2021 14:57

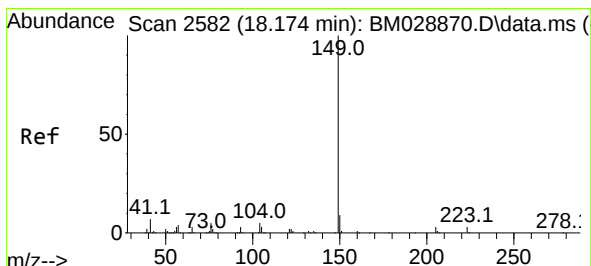
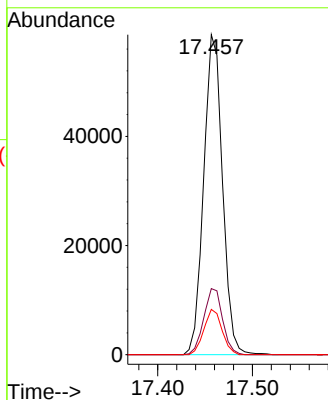
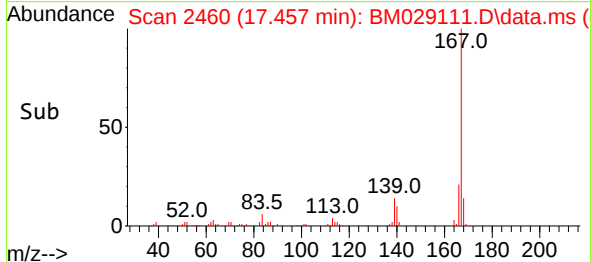
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135132BS



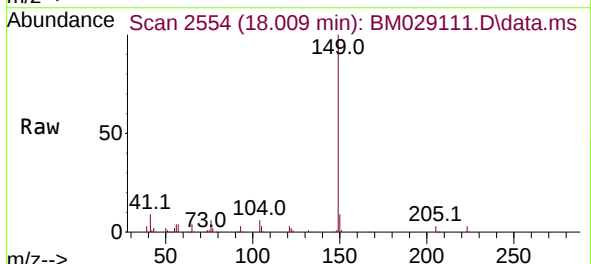
Tgt Ion:167 Resp: 80623  
 Ion Ratio Lower Upper  
 167 100  
 166 20.7 16.9 25.3  
 139 14.1 9.9 14.9

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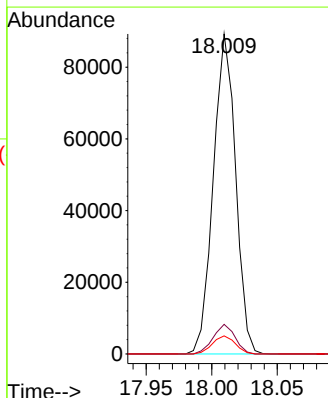
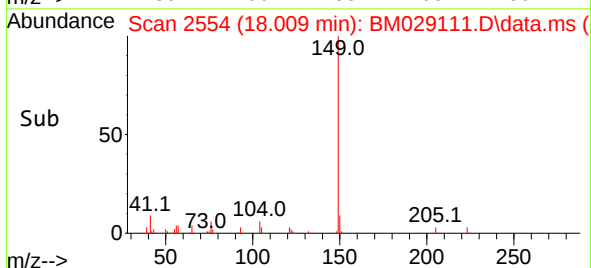
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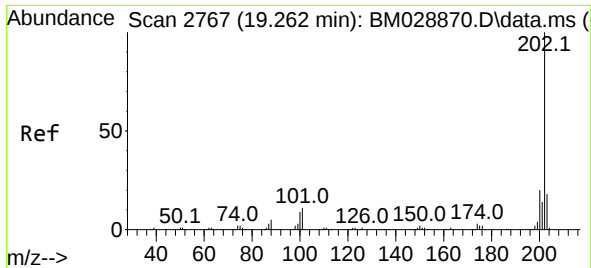


#74  
 Di-n-butylphthalate  
 Concen: 45.44 ng  
 RT: 18.009 min Scan# 2554  
 Delta R.T. 0.000 min  
 Lab File: BM029111.D  
 Acq: 12 Mar 2021 14:57

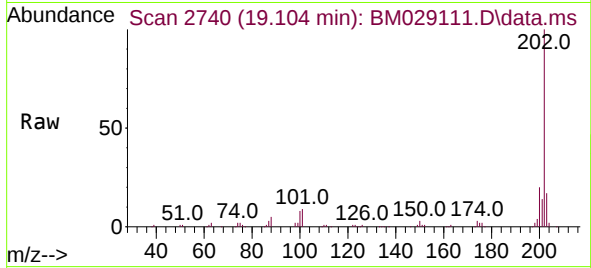


Tgt Ion:149 Resp: 105341  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.7 4.7 7.1

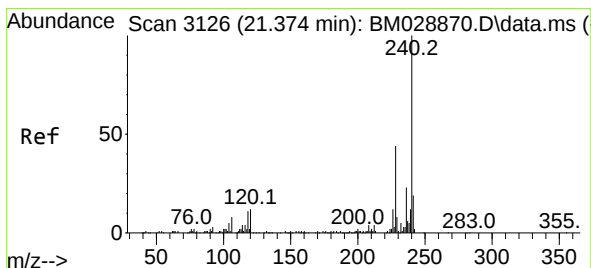
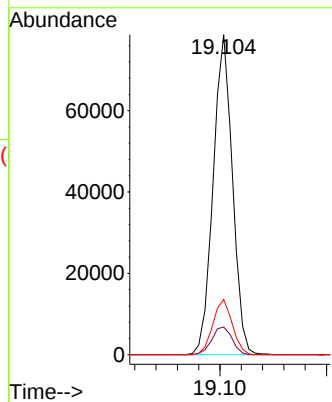
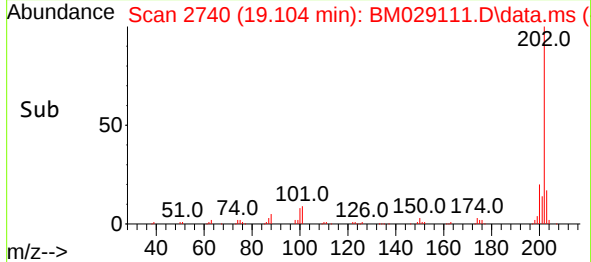




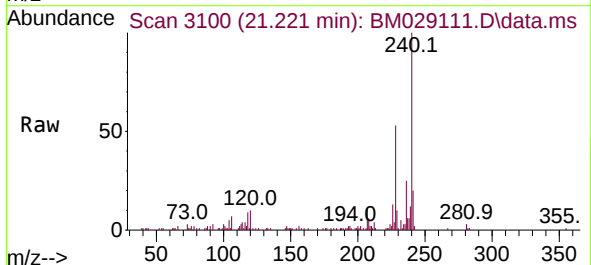
#75  
Fluoranthene  
Concen: 42.00 ng  
RT: 19.104 min Scan# 2740  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



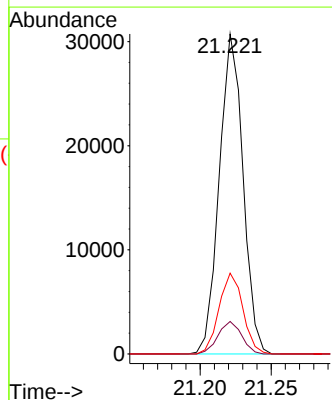
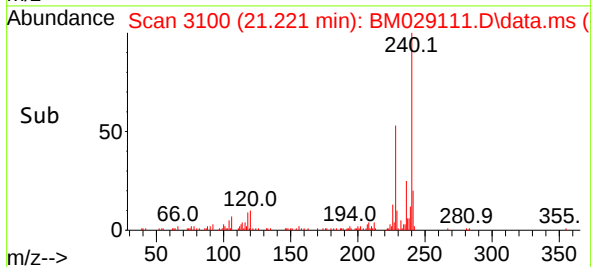
Tgt Ion:202 Resp: 99010  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 28.5  
203 17.2 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.221 min Scan# 3100  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



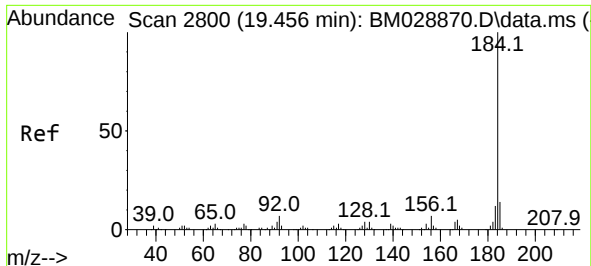
Tgt Ion:240 Resp: 35662  
Ion Ratio Lower Upper  
240 100  
120 10.2 6.4 9.6#  
236 25.2 20.1 30.1



Instrument :  
BNA\_M  
ClientSampleId :  
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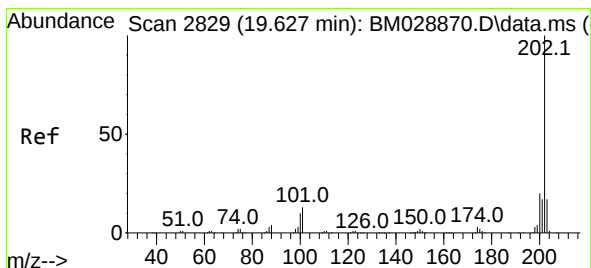
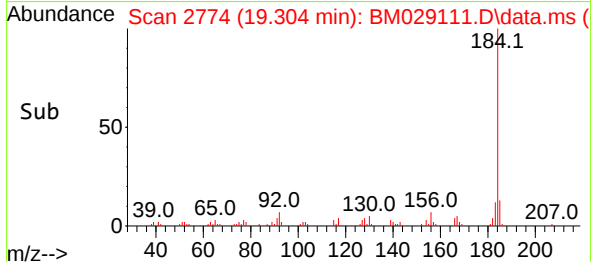
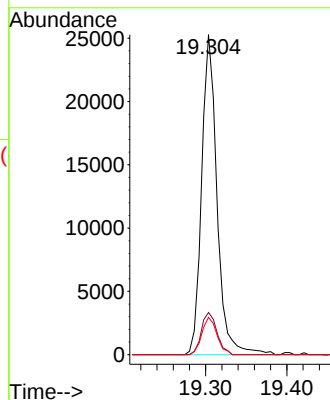
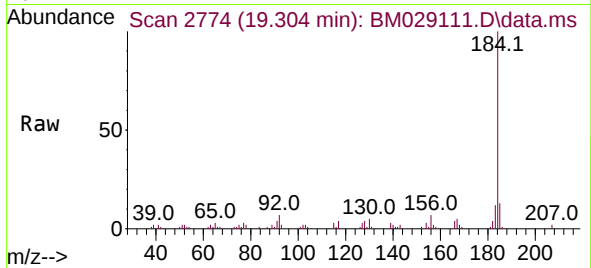
#77  
Benzidine  
Concen: 28.27 ng  
RT: 19.304 min Scan# 2774  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 33228     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 13.2  | 11.0 16.6 |
| 183         | 11.7  | 9.7 14.5  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

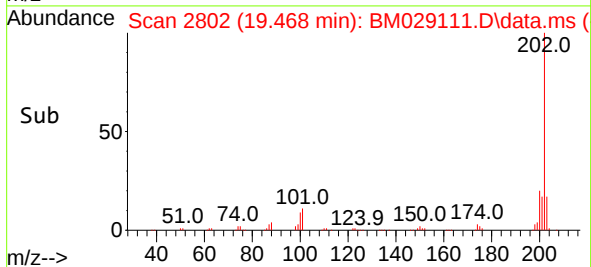
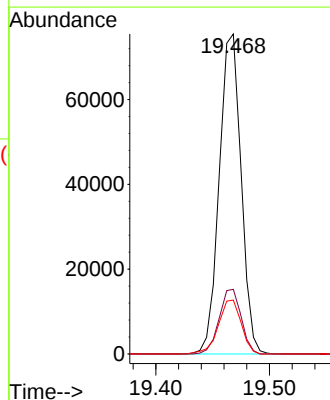
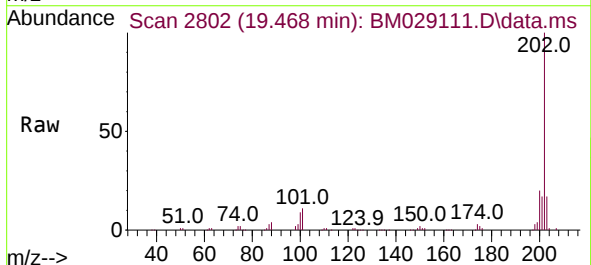
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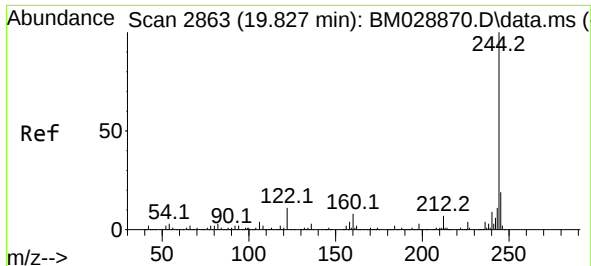
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#78  
Pyrene  
Concen: 38.55 ng  
RT: 19.468 min Scan# 2802  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 101002    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.2  | 16.6 24.8 |
| 203         | 16.8  | 13.8 20.6 |





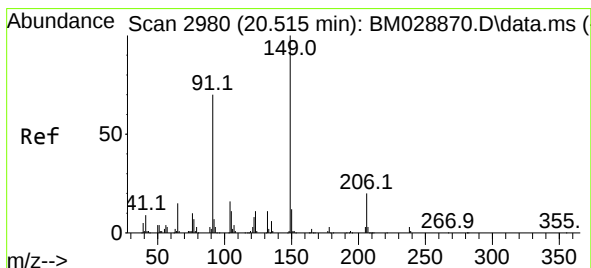
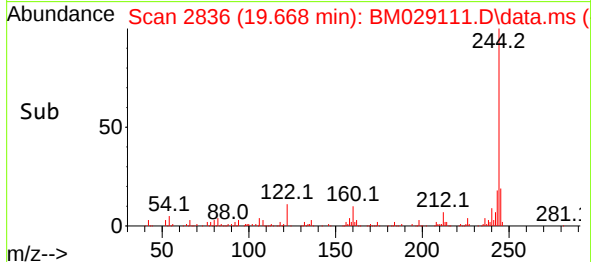
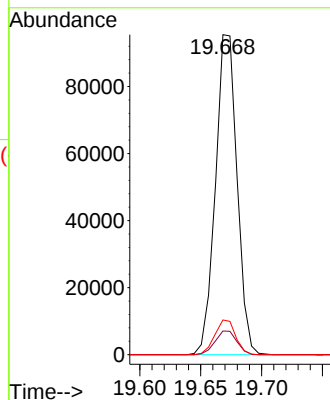
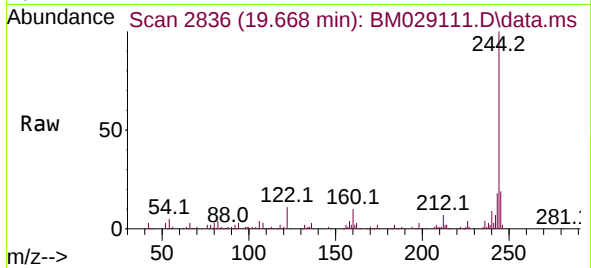
#79  
Terphenyl-d14  
Concen: 61.13 ng  
RT: 19.668 min Scan# 2836  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:244 Resp: 118056  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.8  
122 10.8 6.5 9.7#

Instrument :  
BNA\_M  
ClientSampleId :  
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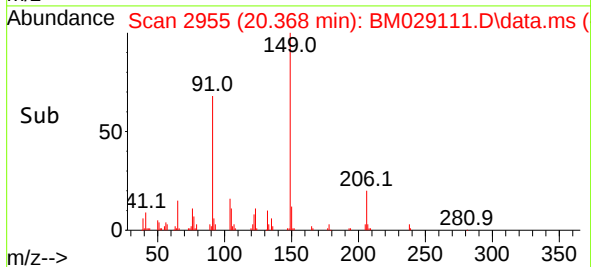
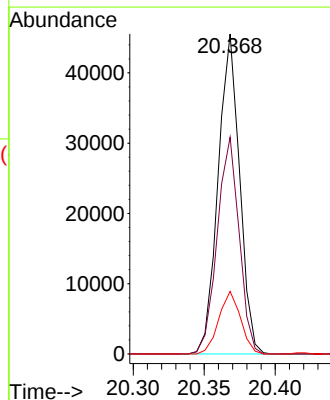
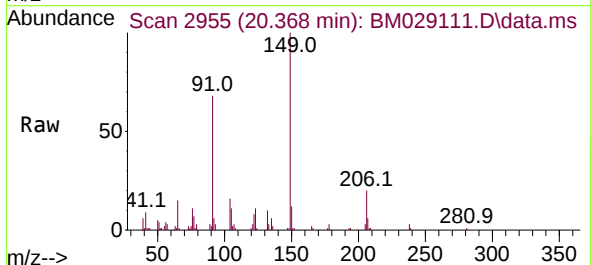
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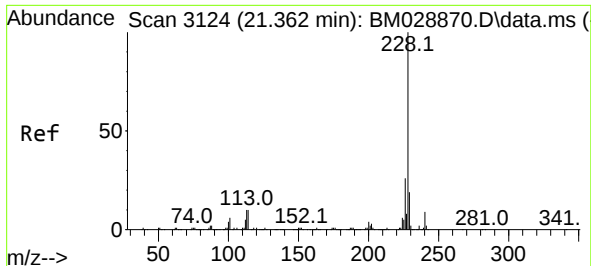
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#80  
Butylbenzylphthalate  
Concen: 42.47 ng  
RT: 20.368 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:149 Resp: 47893  
Ion Ratio Lower Upper  
149 100  
91 67.7 58.1 87.1  
206 19.5 18.7 28.1





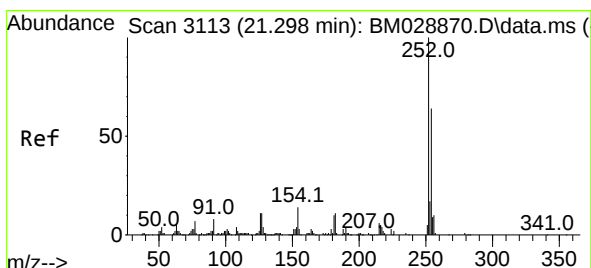
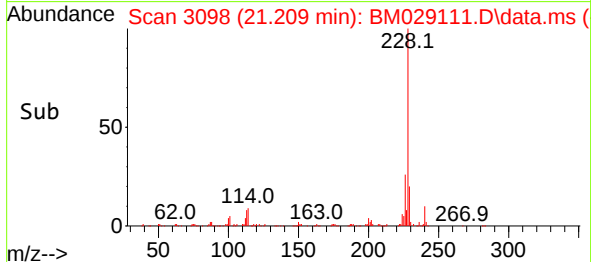
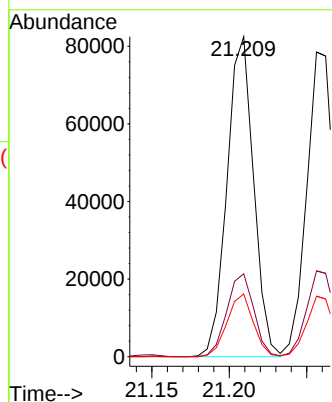
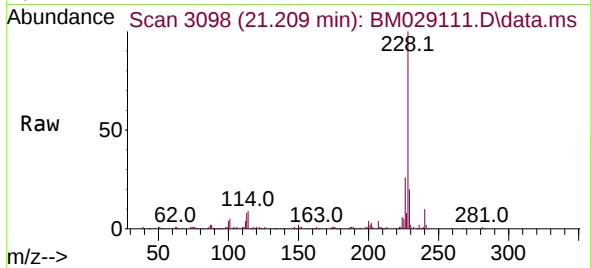
#81  
Benzo(a)anthracene  
Concen: 39.80 ng  
RT: 21.209 min Scan# 3098  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:228 Resp: 98493  
Ion Ratio Lower Upper  
228 100  
226 25.9 21.1 31.7  
229 19.6 15.7 23.5

Instrument :  
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ClientSampleId :  
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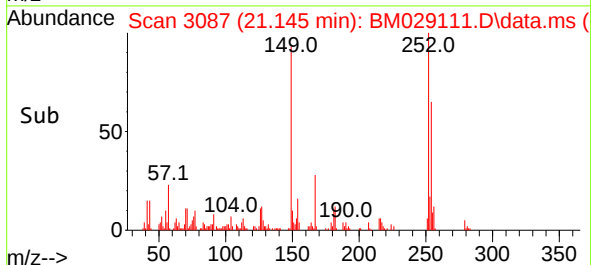
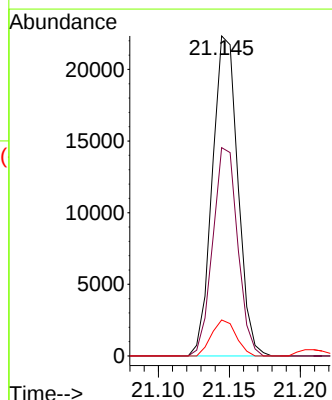
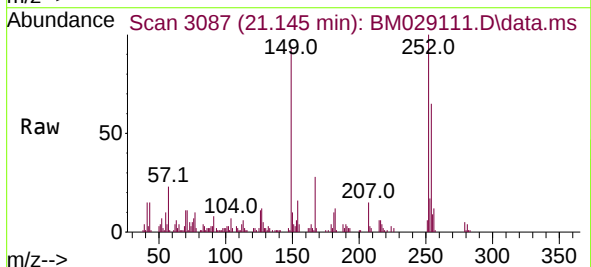
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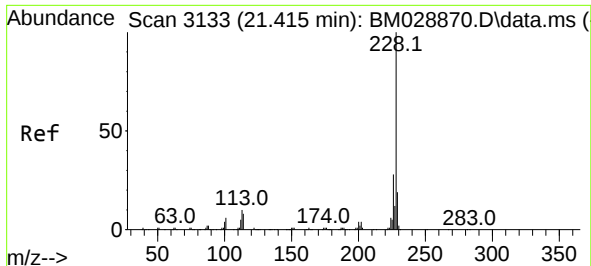
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#82  
3,3'-Dichlorobenzidine  
Concen: 32.58 ng  
RT: 21.145 min Scan# 3087  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:252 Resp: 27856  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.4 77.0  
126 11.3 6.8 10.2#





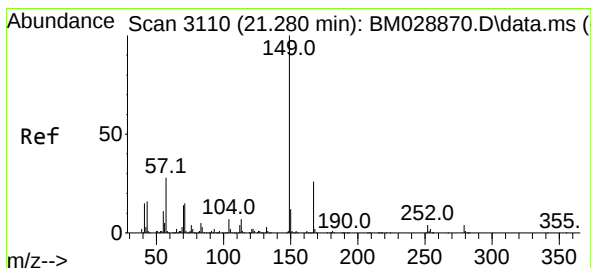
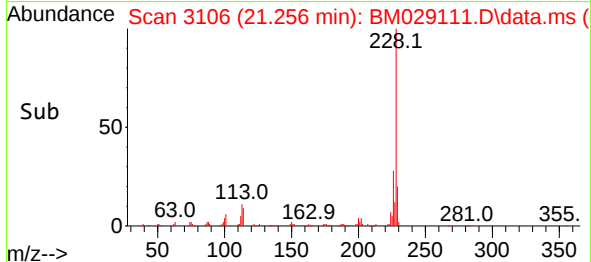
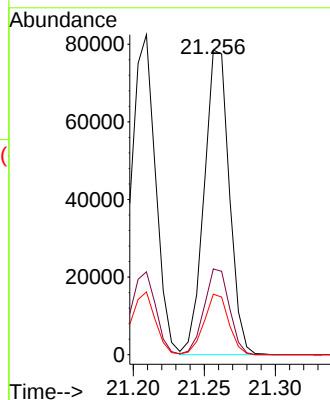
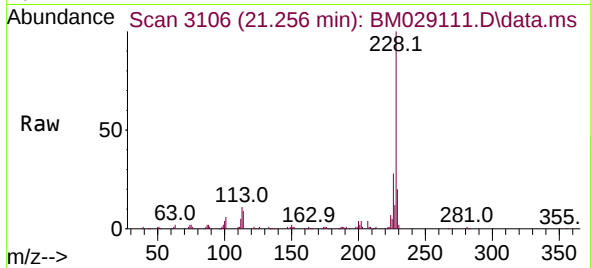
#83  
Chrysene  
Concen: 40.08 ng  
RT: 21.256 min Scan# 3106  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:228 Resp: 96660  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.4 35.0  
229 19.8 15.7 23.5

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

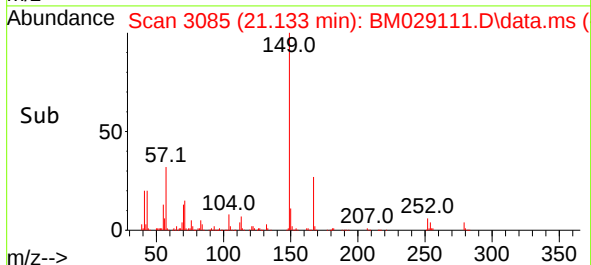
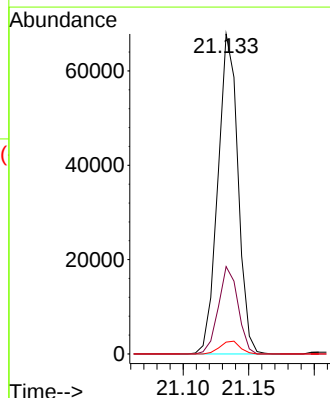
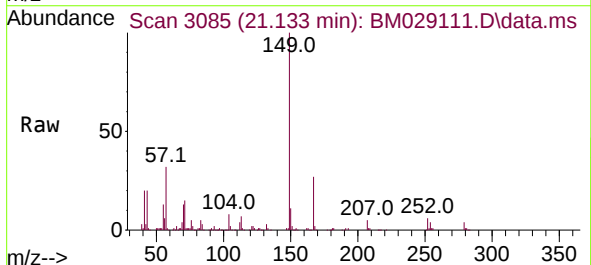
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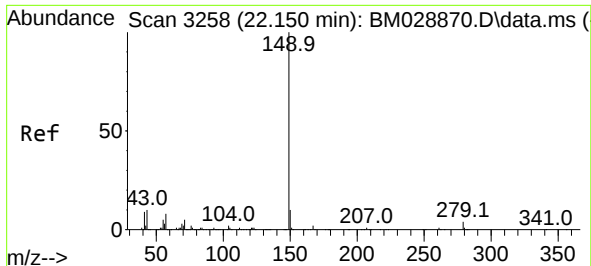
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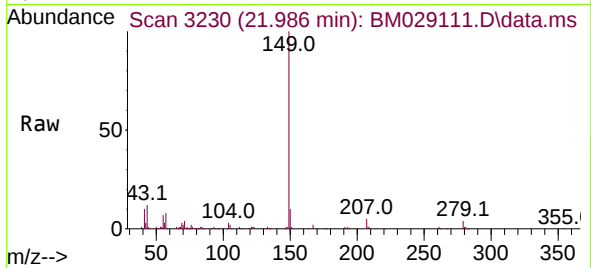
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.46 ng  
RT: 21.133 min Scan# 3085  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:149 Resp: 72160  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.7 34.1  
279 3.7 4.0 6.0#

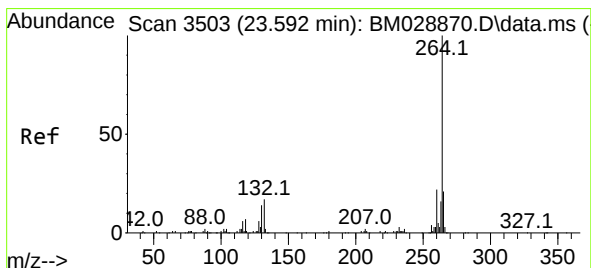
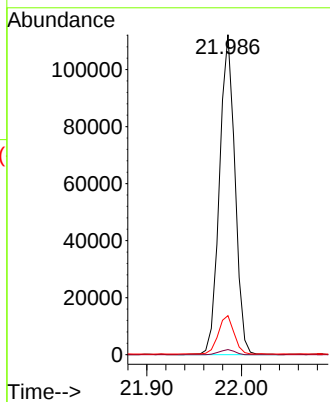
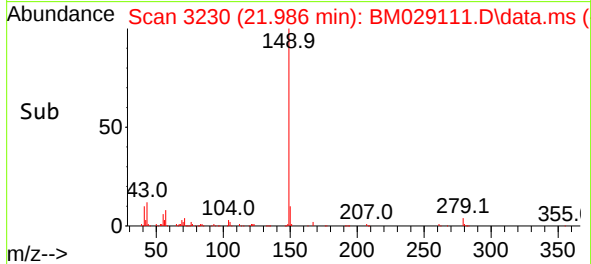




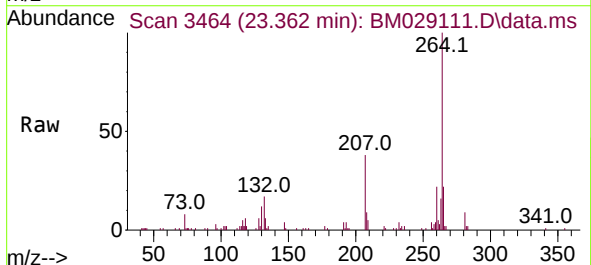
#85  
Di-n-octyl phthalate  
Concen: 46.46 ng  
RT: 21.986 min Scan# 3230  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



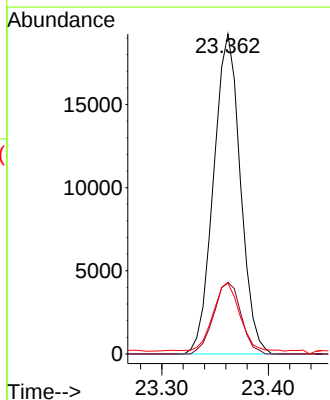
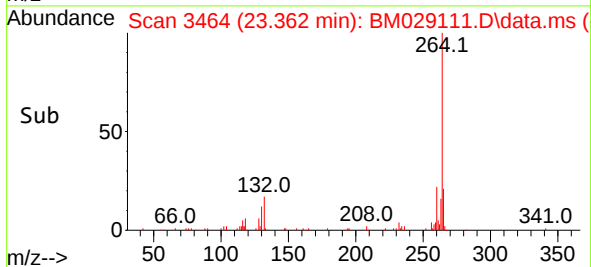
Tgt Ion:149 Resp: 127925  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.1 5.8 8.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.362 min Scan# 3464  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57



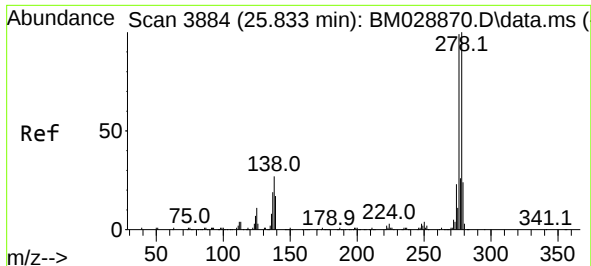
Tgt Ion:264 Resp: 33561  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.0 28.4  
265 22.1 17.7 26.5



Instrument :  
BNA\_M  
ClientSampleId :  
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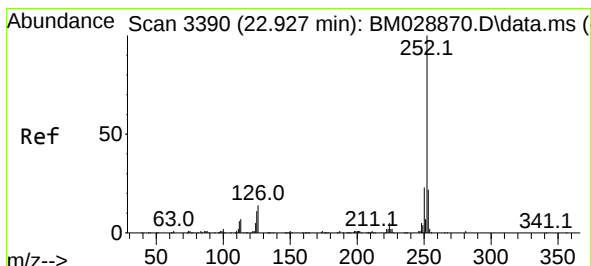
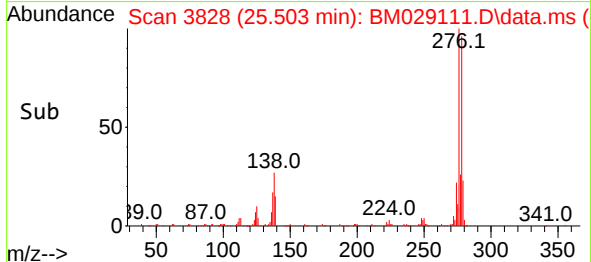
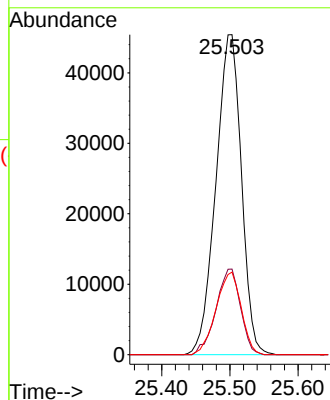
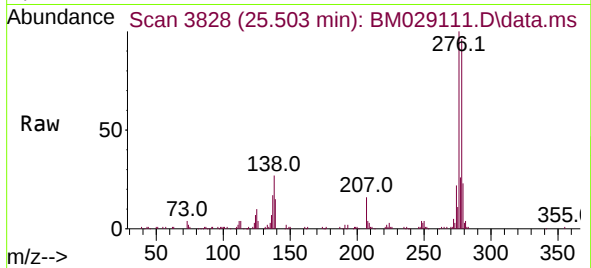
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.65 ng  
RT: 25.503 min Scan# 3828  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 276 Resp: 118145  
Ion Ratio Lower Upper  
276 100  
138 25.7 14.2 21.4#  
277 25.4 19.8 29.8

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

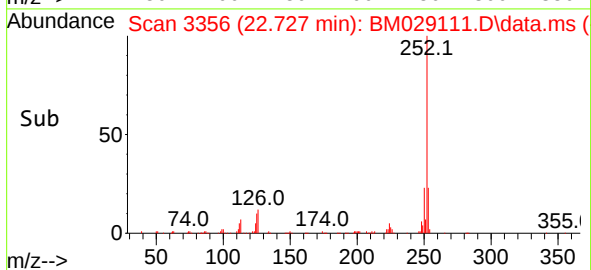
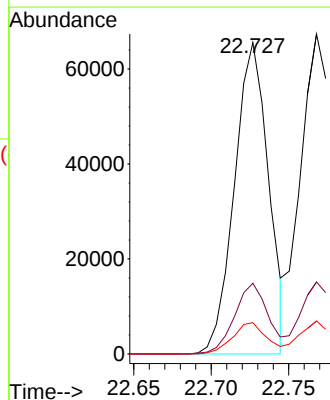
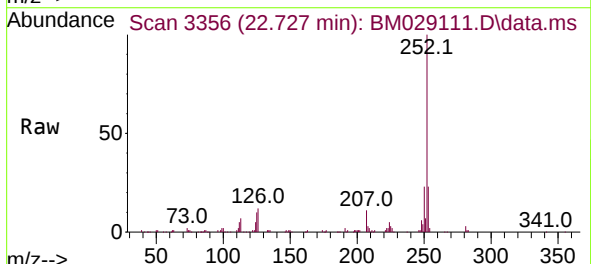
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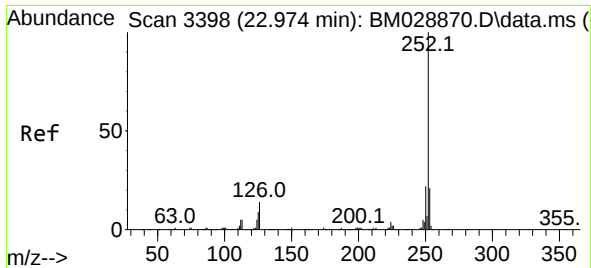
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 42.21 ng  
RT: 22.727 min Scan# 3356  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion: 252 Resp: 100066  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.4 26.0  
125 10.1 5.7 8.5#





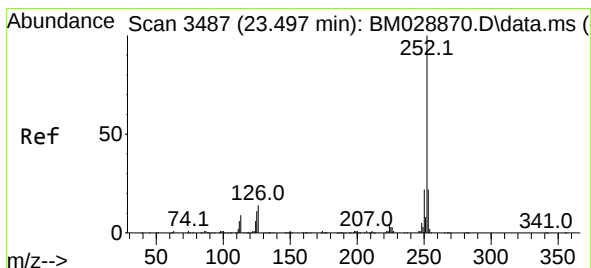
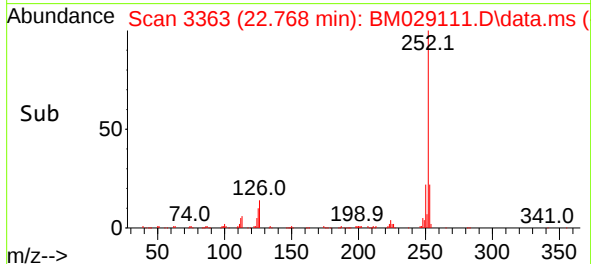
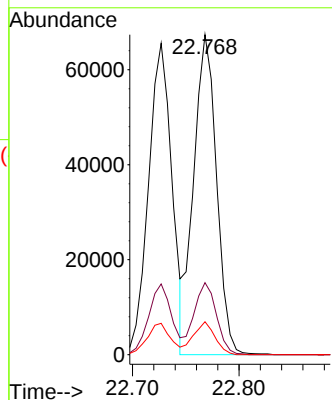
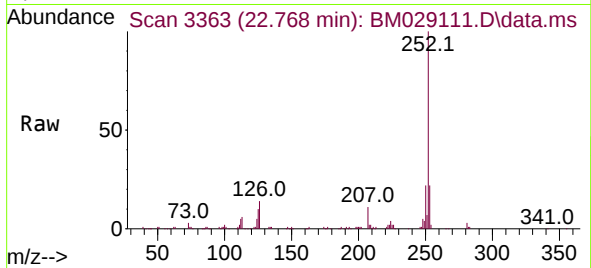
#89  
Benzo(k)fluoranthene  
Concen: 44.72 ng  
RT: 22.768 min Scan# 3363  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

Tgt Ion:252 Resp: 100719  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 10.3 5.6 8.4#

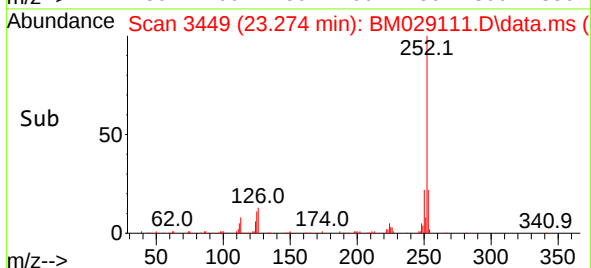
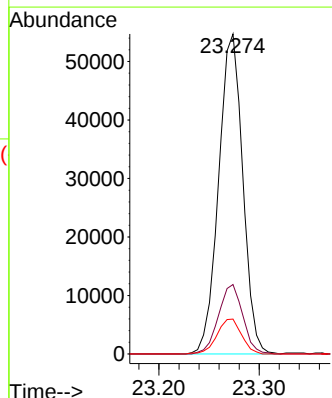
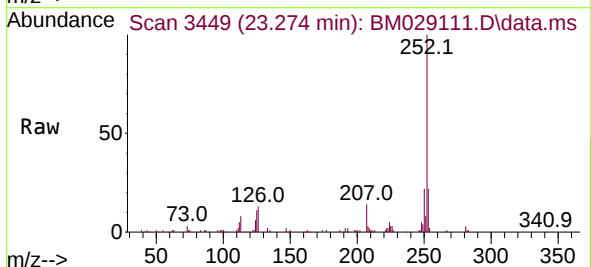
Manual Integrations  
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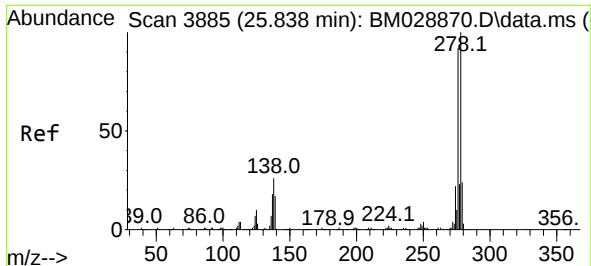
mohammad  
3/15/2021 11:31:57 AM



#90  
Benzo(a)pyrene  
Concen: 42.24 ng  
RT: 23.274 min Scan# 3449  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:252 Resp: 91370  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 10.9 6.6 9.8#





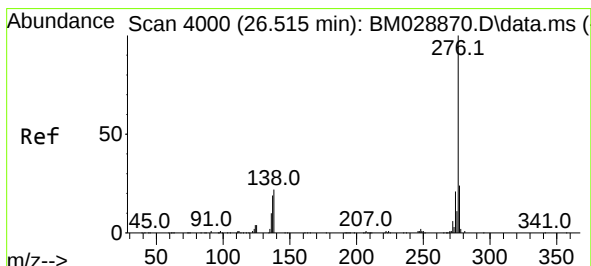
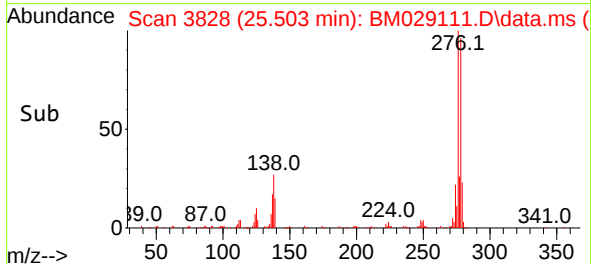
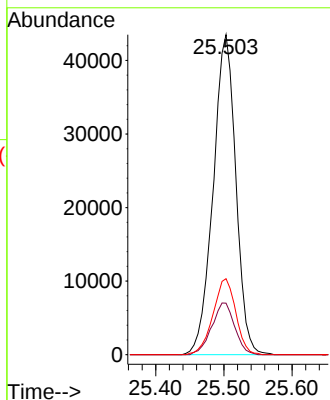
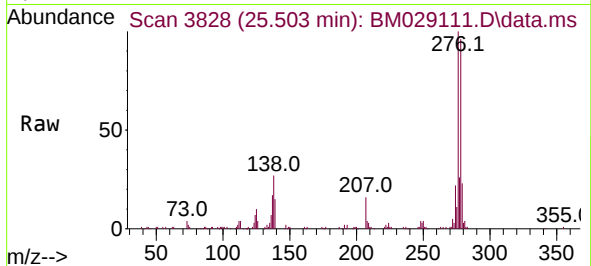
#91  
Dibenzo(a,h)anthracene  
Concen: 45.74 ng  
RT: 25.503 min Scan# 3828  
Delta R.T. -0.006 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Instrument :  
BNA\_M  
ClientSampleId :  
PB135132BS

Tgt Ion:278 Resp: 100678  
Ion Ratio Lower Upper  
278 100  
139 16.1 9.0 13.6#  
279 23.7 19.0 28.4

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 45.51 ng  
RT: 26.156 min Scan# 3939  
Delta R.T. 0.000 min  
Lab File: BM029111.D  
Acq: 12 Mar 2021 14:57

Tgt Ion:276 Resp: 96727  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.6 28.0  
138 20.5 12.2 18.2#

