

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020521\  
 Data File : BF123134.D  
 Acq On : 5 Feb 2021 14:27  
 Operator : JU/CG  
 Sample : M1315-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1MS

Manual Integrations  
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 2/8/2021 12:18:16 PM

Quant Time: Feb 05 15:17:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 12:29:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 189142   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 735576   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 396776   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 756400   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 704090   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.580 | 264  | 712478   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1100699  | 89.77  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 1391501  | 83.72  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 883292   | 60.43  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 405450   | 94.13  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1622862  | 60.80  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1905083  | 53.16  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.710  | 88   | 196602   | 32.23  | ng    | 94       |
| 3) Pyridine                   | 3.475  | 79   | 567858   | 34.81  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 258654   | 37.68  | ng    | 94       |
| 6) Aniline                    | 6.557  | 93   | 484717   | 23.70  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 585602   | 44.06  | ng    | 99       |
| 9) Benzaldehyde               | 6.440  | 77   | 274497   | 36.13  | ng    | 97       |
| 10) Phenol                    | 6.534  | 94   | 762513   | 46.26  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 555468   | 40.49  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.840  | 146  | 614136   | 39.62  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 630722   | 39.07  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 594019   | 39.33  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 447189   | 38.38  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 756268   | 35.75  | ng    | 97       |
| 17) 2-Methylphenol            | 7.145  | 107  | 517731   | 45.78  | ng    | 98       |
| 18) Hexachloroethane          | 7.410  | 117  | 226271   | 40.02  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 388127   | 38.83  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 573689   | 43.07  | ng    | 98       |
| 22) Acetophenone              | 7.304  | 105  | 751505   | 39.21  | ng    | 99       |
| 24) Nitrobenzene              | 7.475  | 77   | 617370   | 41.00  | ng    | 96       |
| 25) Isophorone                | 7.716  | 82   | 1096148  | 40.94  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 285360   | 45.82  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 497488   | 44.27  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 687414   | 37.63  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 499148   | 42.48  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 529852   | 40.03  | ng    | 99       |
| 31) Naphthalene               | 8.204  | 128  | 1618321  | 40.11  | ng    | 100      |
| 32) Benzoic acid              | 7.904  | 122  | 78419m   | 12.69  | ng    |          |
| 33) 4-Chloroaniline           | 8.245  | 127  | 297476   | 16.61  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 309513   | 40.48  | ng    | 98       |
| 35) Caprolactam               | 8.628  | 113  | 166930   | 42.03  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 544002   | 44.52  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 1108528  | 41.38  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 1034839  | 40.80  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 512896   | 41.55  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 588488   | 100.44 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 345955   | 40.88  | ng    | 98       |

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Manual Integrations  
 APPROVED

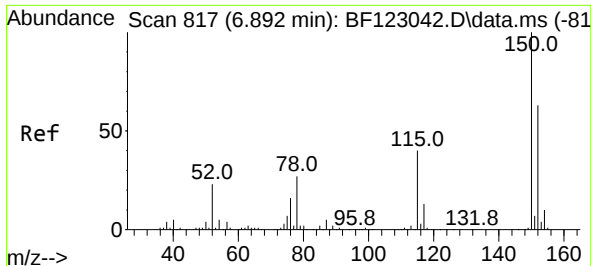
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 2/8/2021 12:18:16 PM

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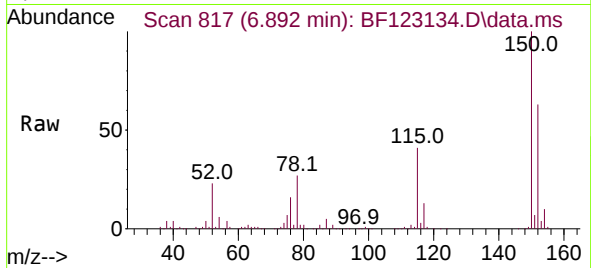
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 380991   | 43.06 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1335643  | 41.04 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 1075163  | 39.46 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 351079   | 42.52 | ng    | 91       |
| 49) Acenaphthylene            | 9.804  | 152  | 1662289  | 41.69 | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1344272  | 43.18 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 298926   | 45.08 | ng    | 92       |
| 52) Acenaphthene              | 9.975  | 154  | 1052719  | 41.10 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.892  | 138  | 233015   | 29.72 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 94899    | 35.46 | ng    | 94       |
| 55) Dibenzofuran              | 10.151 | 168  | 1506956  | 40.43 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 435495   | 76.83 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 404476   | 46.90 | ng    | 95       |
| 58) Fluorene                  | 10.492 | 166  | 1177872  | 39.56 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 290034   | 38.65 | ng    | 97       |
| 60) Diethylphthalate          | 10.363 | 149  | 1279748  | 41.81 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 563960   | 40.31 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 317843   | 40.34 | ng    | 96       |
| 63) Azobenzene                | 10.645 | 77   | 1195235  | 39.90 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 94717    | 25.31 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 1060989  | 38.92 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248  | 377983   | 39.24 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 420222   | 40.67 | ng    | 100      |
| 69) Atrazine                  | 11.133 | 200  | 313591   | 41.65 | ng    | 99       |
| 70) Pentachlorophenol         | 11.239 | 266  | 319939   | 57.13 | ng    | 100      |
| 71) Phenanthrene              | 11.463 | 178  | 2029148  | 43.19 | ng    | 100      |
| 72) Anthracene                | 11.510 | 178  | 1909826  | 42.38 | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 1749219  | 41.82 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 1982739  | 39.98 | ng    | 100      |
| 75) Fluoranthene              | 12.657 | 202  | 2219664  | 47.27 | ng    | 99       |
| 77) Benzidine                 | 12.774 | 184  | 615274   | 38.62 | ng    | 99       |
| 78) Pyrene                    | 12.886 | 202  | 2199788  | 41.39 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.504 | 149  | 905172   | 39.58 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 2063384  | 43.30 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 435495   | 29.04 | ng    | 98       |
| 83) Chrysene                  | 14.121 | 228  | 2013376  | 42.22 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 1214339  | 39.96 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.686 | 149  | 2158101  | 42.28 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.098 | 276  | 2091308  | 44.08 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 2285347  | 44.44 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 1862063  | 38.97 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.521 | 252  | 1924751  | 42.62 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.121 | 278  | 1715213  | 43.92 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.562 | 276  | 1669739  | 44.12 | ng    | 99       |

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

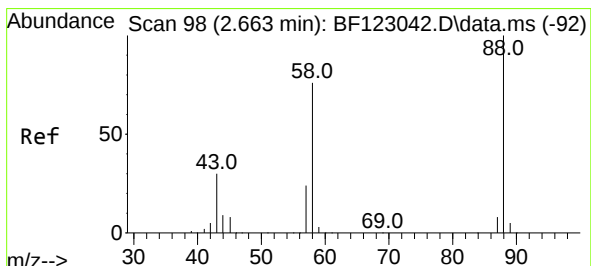
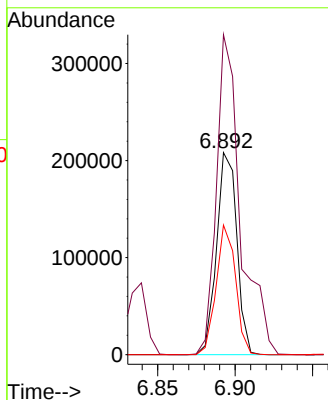
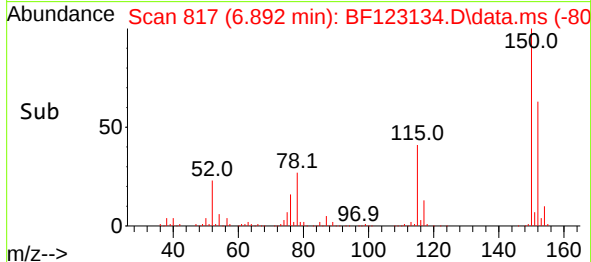




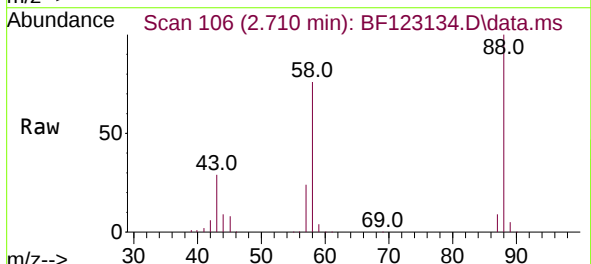
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.892 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



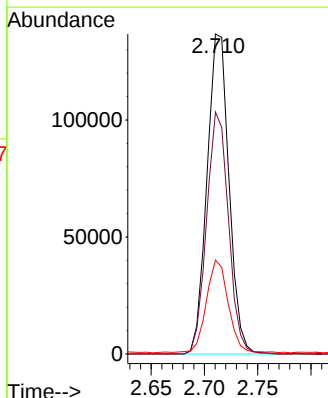
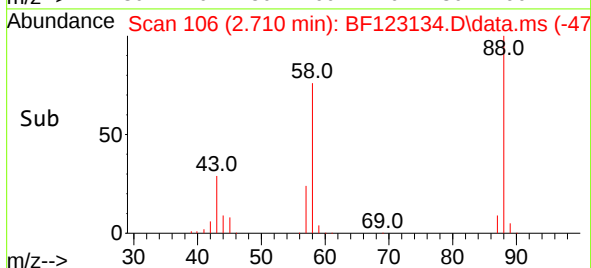
Tgt Ion:152 Resp: 189142  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.8 188.6  
115 64.1 49.3 73.9



#2  
1,4-Dioxane  
Concen: 32.23 ng  
RT: 2.710 min Scan# 106  
Delta R.T. 0.047 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



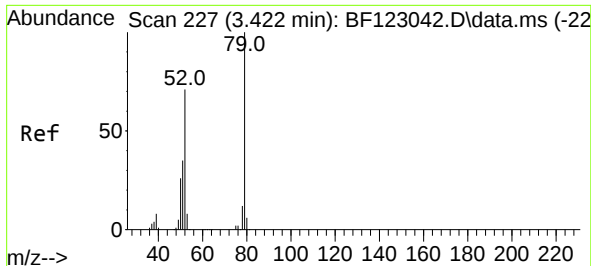
Tgt Ion: 88 Resp: 196602  
Ion Ratio Lower Upper  
88 100  
58 75.3 56.2 84.2  
43 29.3 21.8 32.6



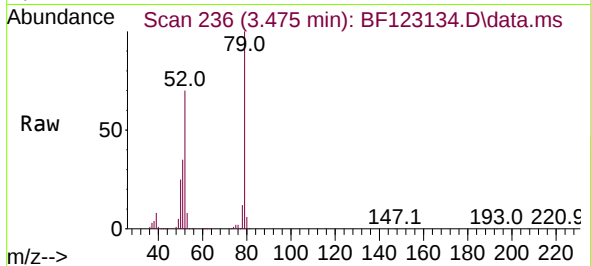
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

Manual Integrations  
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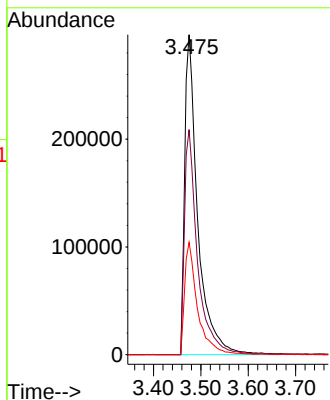


#3  
Pyridine  
Concen: 34.81 ng  
RT: 3.475 min Scan# 236  
Delta R.T. 0.053 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion: 79 Resp: 567858

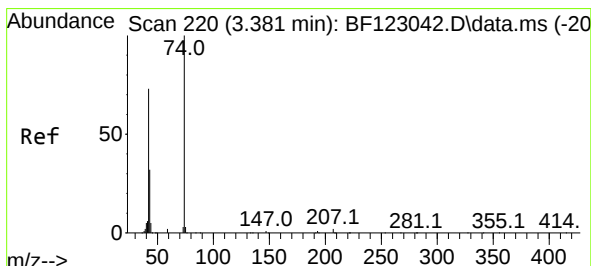
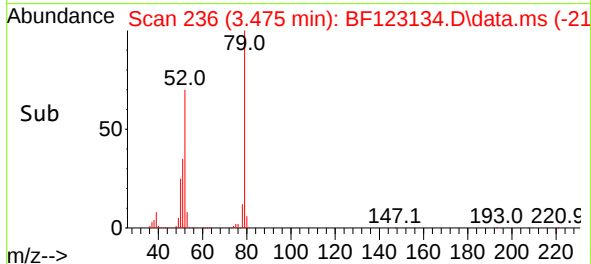
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 70.3  | 53.0  | 79.4  |
| 51  | 35.1  | 26.6  | 39.8  |



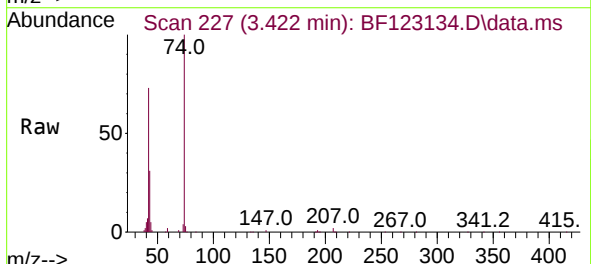
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

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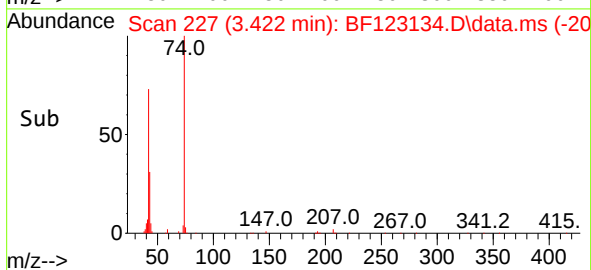
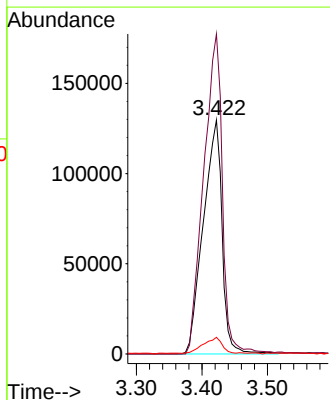


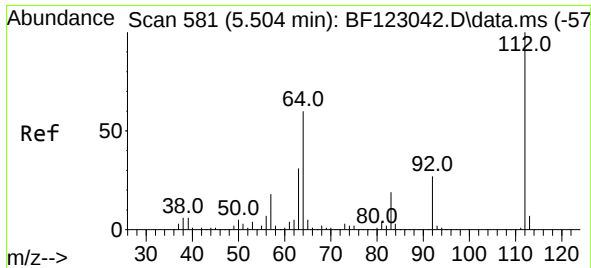
#4  
n-Nitrosodimethylamine  
Concen: 37.68 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.041 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion: 42 Resp: 258654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 136.8 | 115.2 | 172.8 |
| 44  | 7.1   | 5.4   | 8.0   |





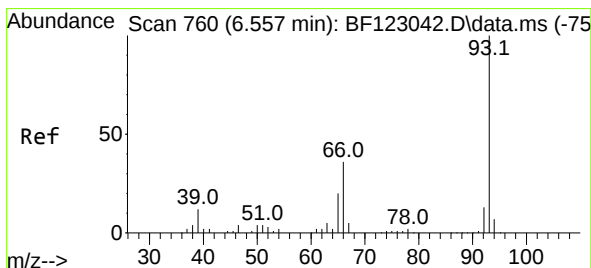
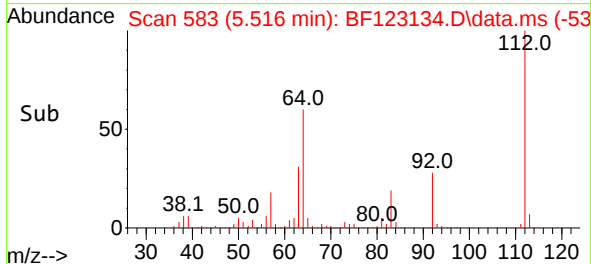
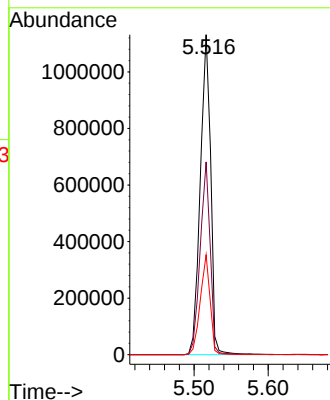
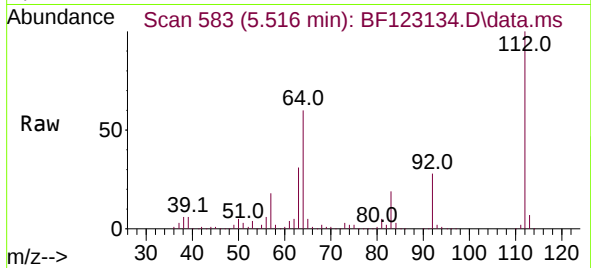
#5  
2-Fluorophenol  
Concen: 89.77 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:112 Resp: 1100699  
Ion Ratio Lower Upper  
112 100  
64 60.2 46.9 70.3  
63 31.2 24.5 36.7

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ClientSampled :  
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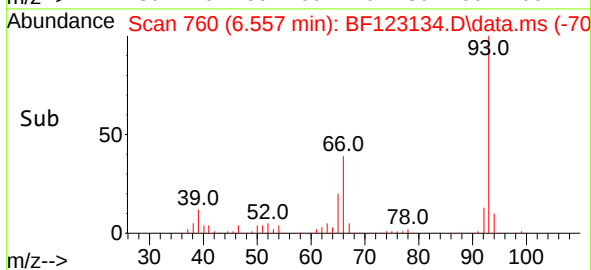
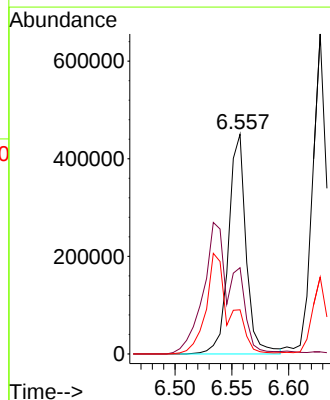
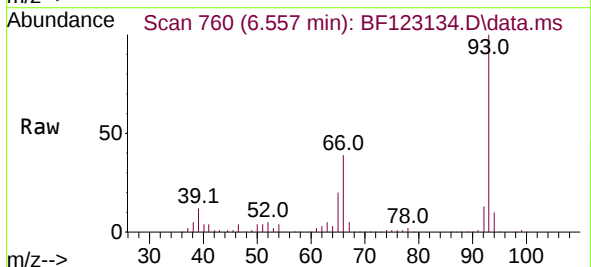
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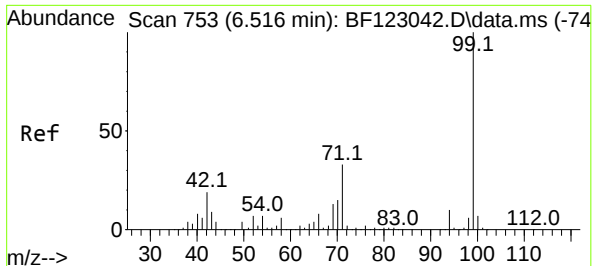
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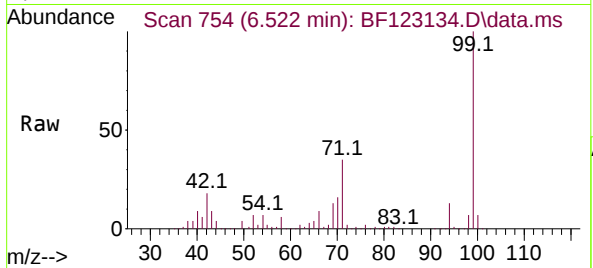
#6  
Aniline  
Concen: 23.70 ng  
RT: 6.557 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion: 93 Resp: 484717  
Ion Ratio Lower Upper  
93 100  
66 39.2 31.3 46.9  
65 20.1 15.6 23.4

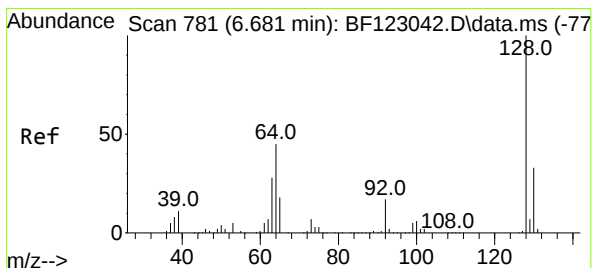
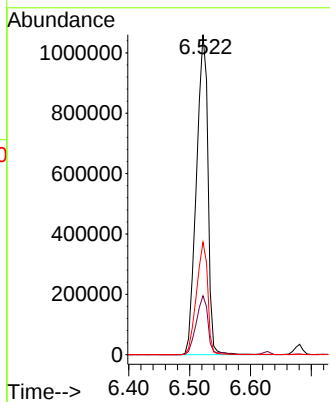
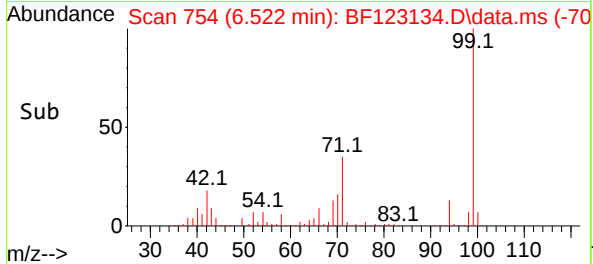




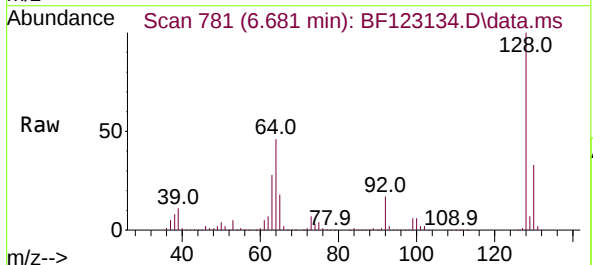
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Phenol-d6  
Concen: 83.72 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



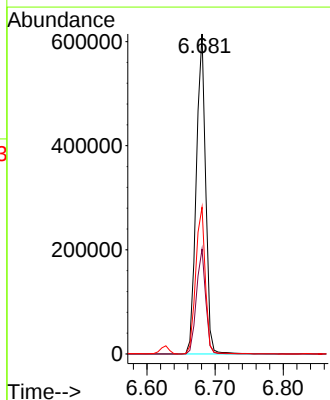
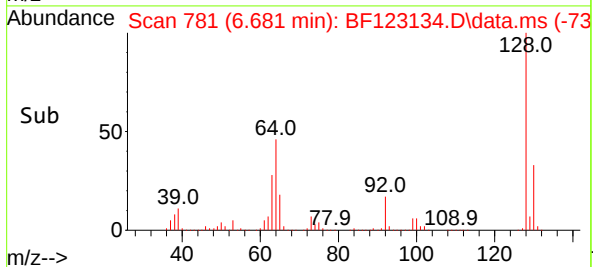
Tgt Ion: 99 Resp: 1391501  
Ion Ratio Lower Upper  
99 100  
42 18.4 13.8 20.6  
71 35.2 26.9 40.3



#8  
2-Chlorophenol  
Concen: 44.06 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
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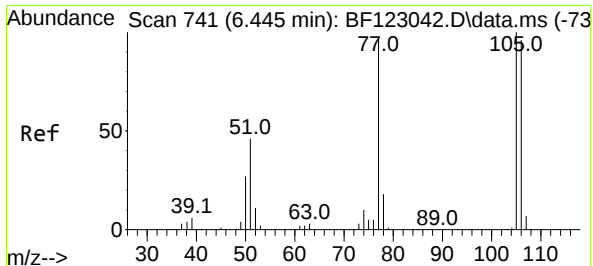
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Ion Ratio Lower Upper  
128 100  
130 32.8 12.3 52.3  
64 45.9 25.5 65.5



Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

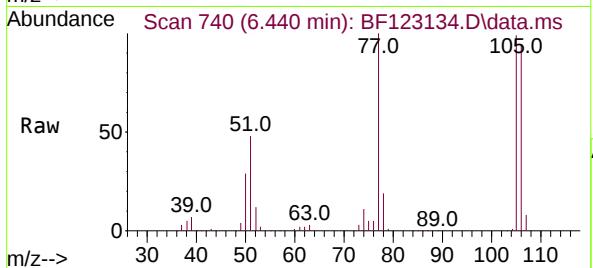
Manual Integrations  
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#9  
Benzaldehyde  
Concen: 36.13 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

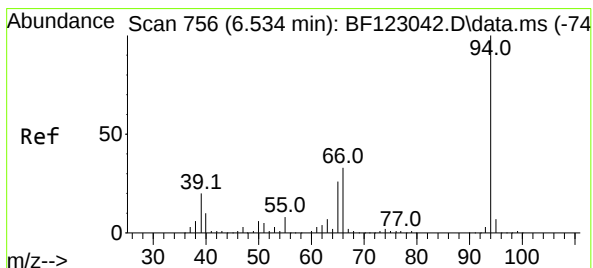
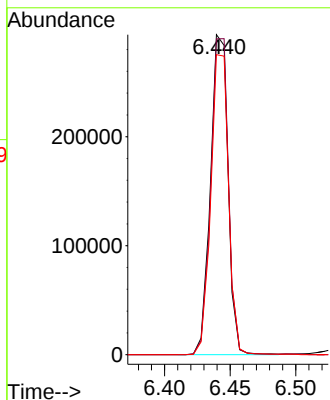
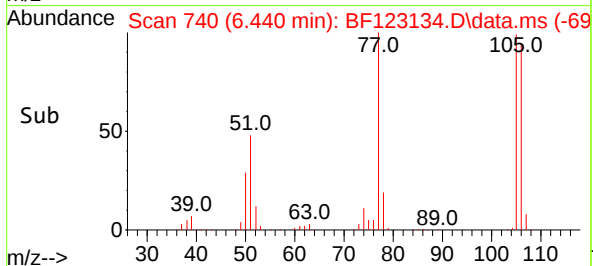
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



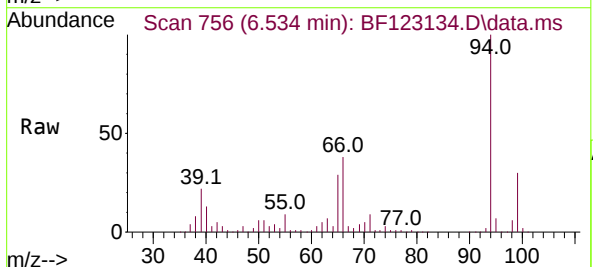
Tgt Ion: 77 Resp: 274497  
Ion Ratio Lower Upper  
77 100  
105 98.7 80.6 120.6  
106 93.7 77.2 117.2

Manual Integrations  
APPROVED

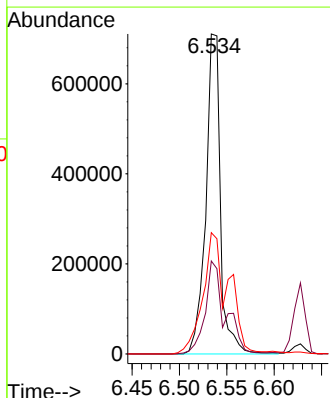
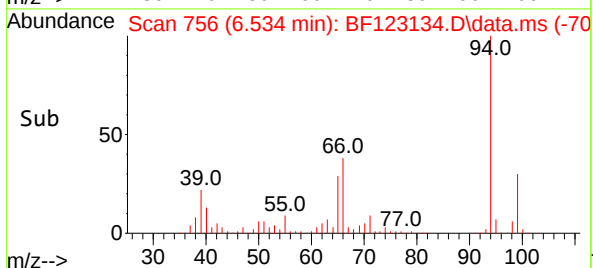
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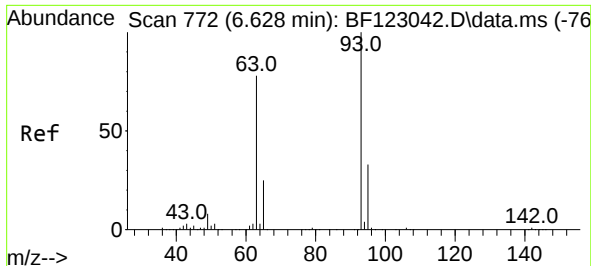


#10  
Phenol  
Concen: 46.26 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion: 94 Resp: 762513  
Ion Ratio Lower Upper  
94 100  
65 29.0 11.2 51.2  
66 37.9 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 40.49 ng

RT: 6.628 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

|             |              |
|-------------|--------------|
| Tgt Ion: 93 | Resp: 555468 |
| Ion Ratio   | Lower Upper  |
| 93 100      |              |
| 63 74.6     | 52.6 92.6    |
| 95 33.0     | 12.6 52.6    |

Instrument :

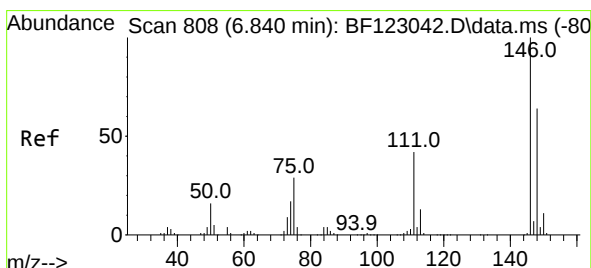
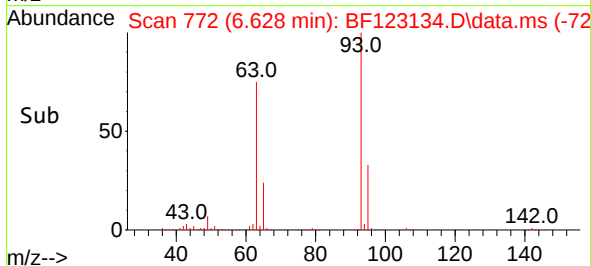
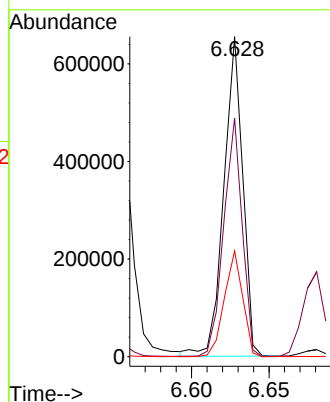
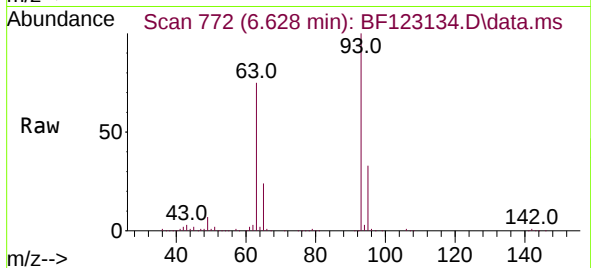
BNA\_F

ClientSampleId :

SP-1MS

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 39.62 ng

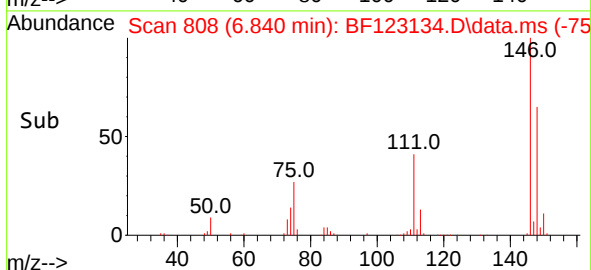
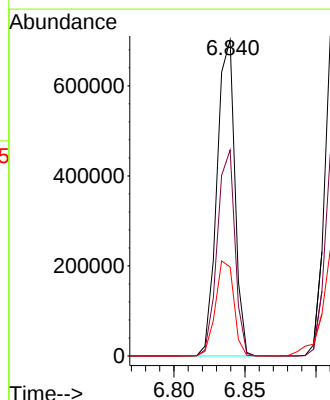
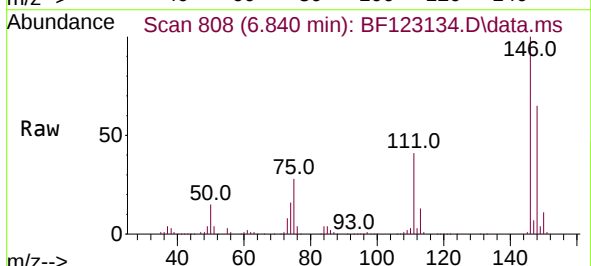
RT: 6.840 min Scan# 808

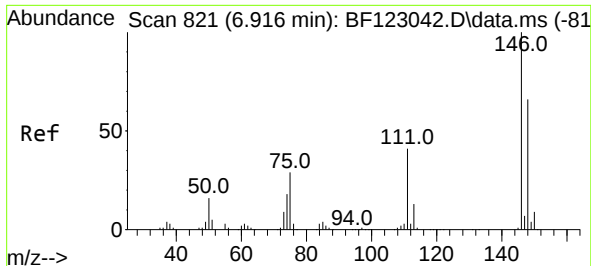
Delta R.T. -0.000 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

|              |              |
|--------------|--------------|
| Tgt Ion: 146 | Resp: 614136 |
| Ion Ratio    | Lower Upper  |
| 146 100      |              |
| 148 65.2     | 51.8 77.8    |
| 75 28.1      | 22.5 33.7    |





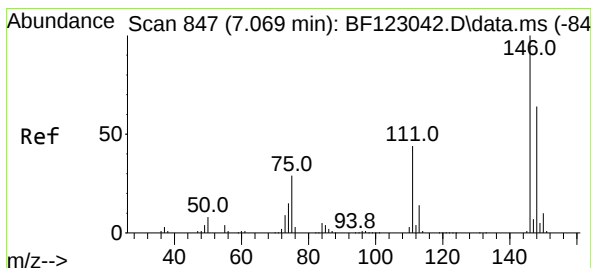
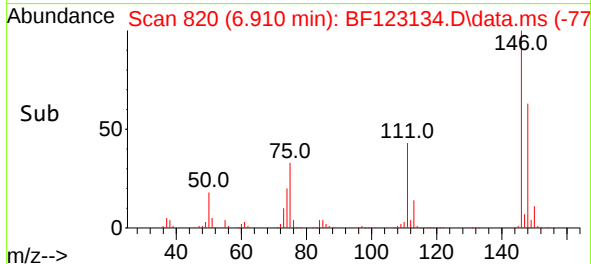
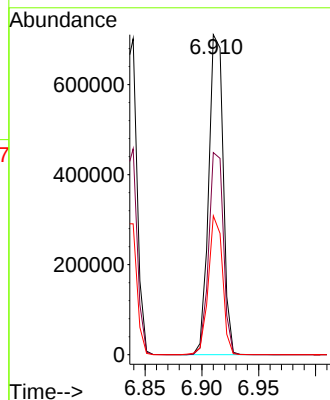
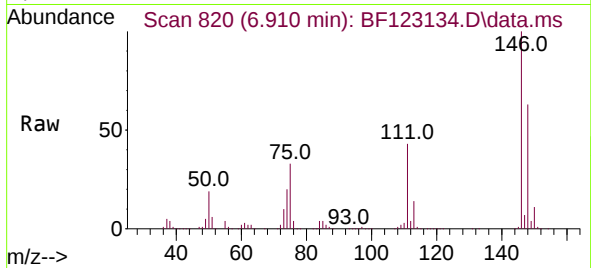
#13  
1,4-Dichlorobenzene  
Concen: 39.07 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:146 Resp: 630722  
Ion Ratio Lower Upper  
146 100  
148 63.2 52.0 78.0  
111 43.4 32.3 48.5

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

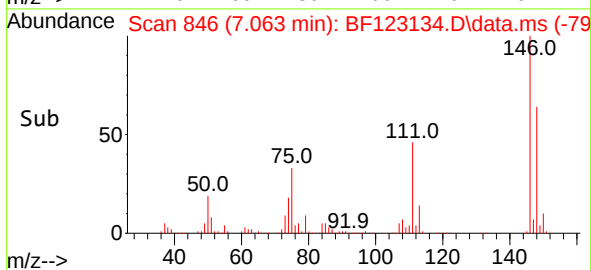
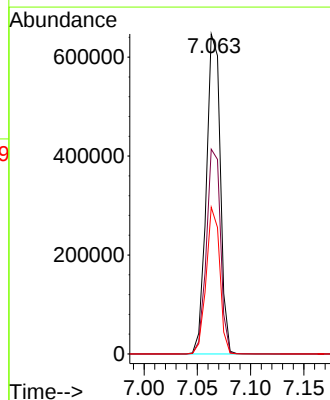
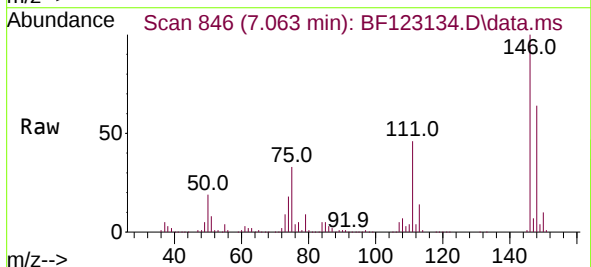
Manual Integrations  
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#14  
1,2-Dichlorobenzene  
Concen: 39.33 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:146 Resp: 594019  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.5 77.3  
111 45.8 34.2 51.2





#15

Benzyl Alcohol

Concen: 38.38 ng

RT: 7.039 min Scan# 842

Delta R.T. 0.006 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

Tgt Ion: 79 Resp: 447189

Ion Ratio Lower Upper

79 100

108 80.1 62.4 93.6

77 62.3 49.0 73.6

Instrument :

BNA\_F

ClientSampled :

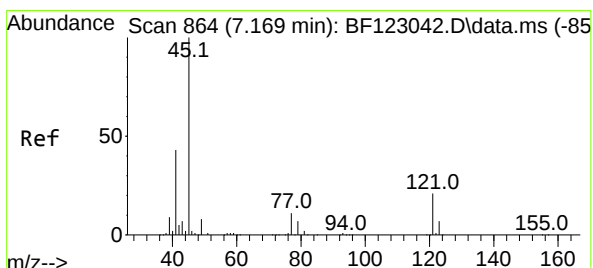
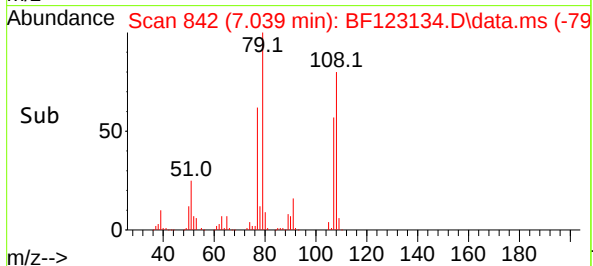
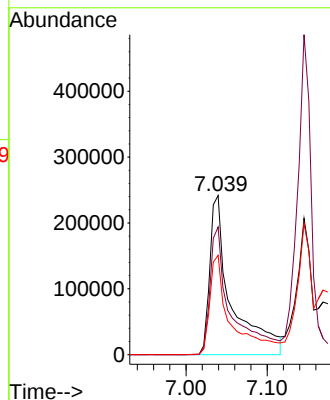
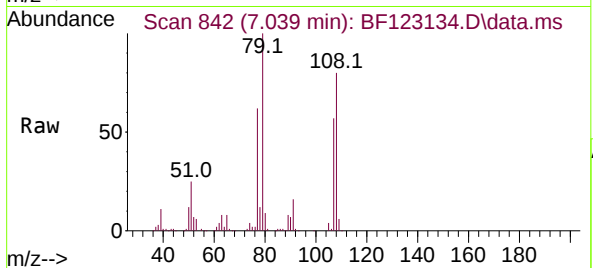
SP-1MS

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.75 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

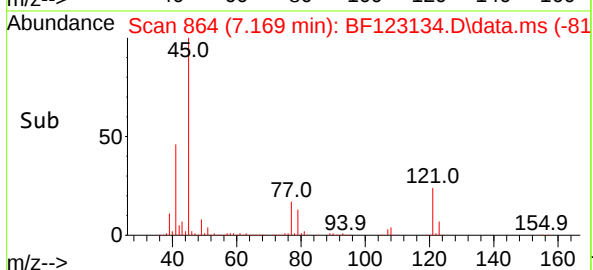
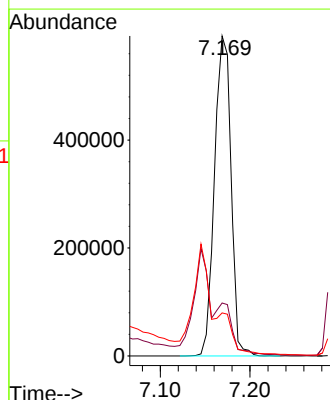
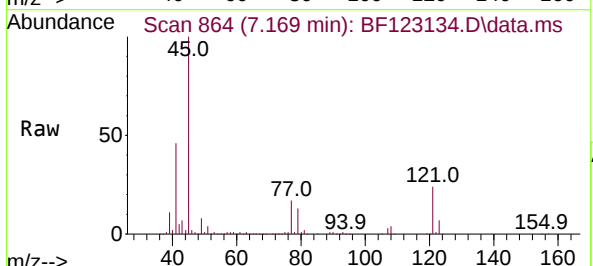
Tgt Ion: 45 Resp: 756268

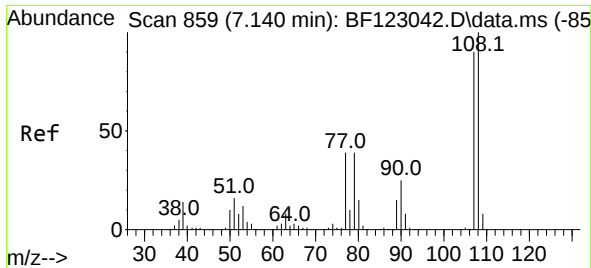
Ion Ratio Lower Upper

45 100

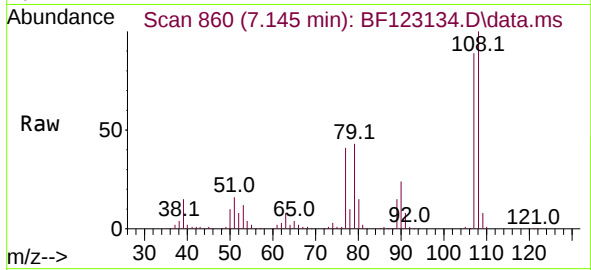
77 16.6 0.0 35.6

79 13.5 0.0 32.4

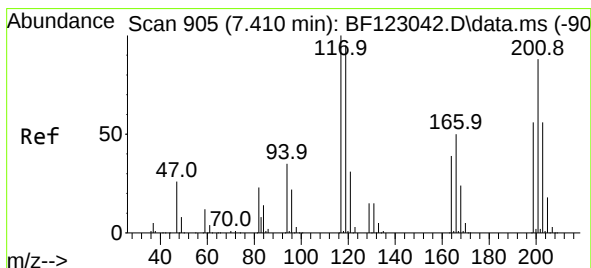
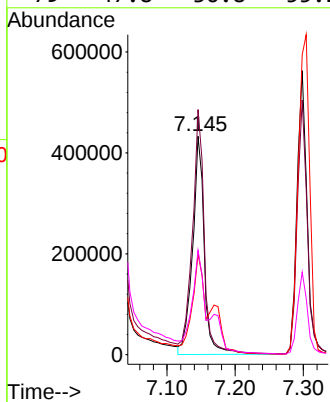
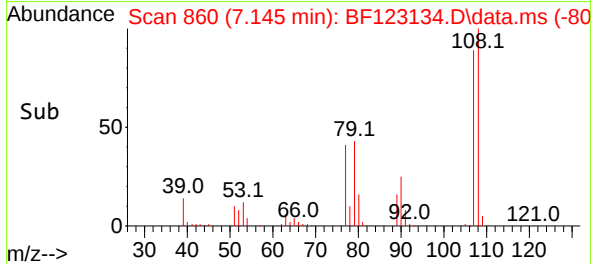




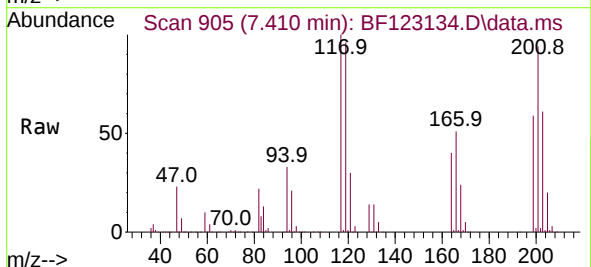
#17  
2-Methylphenol  
Concen: 45.78 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



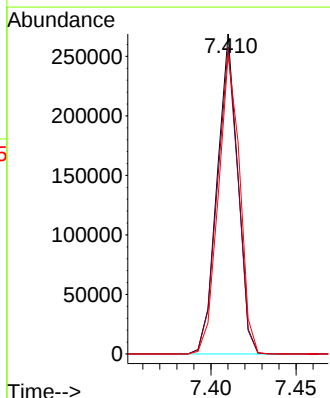
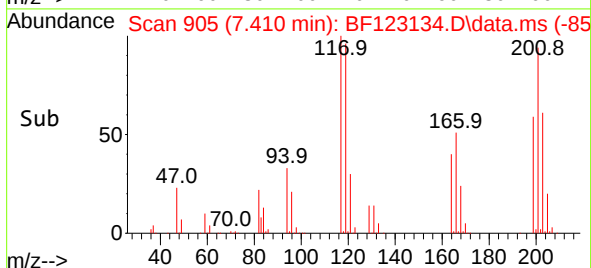
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 517731 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 91.1  | 136.7  |
| 77       | 46.0  | 36.3  | 54.5   |
| 79       | 47.8  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 40.02 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



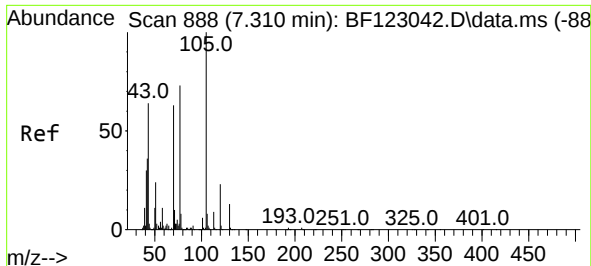
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 226271 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 78.4  | 117.6  |
| 201      | 93.5  | 79.6  | 119.4  |



Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

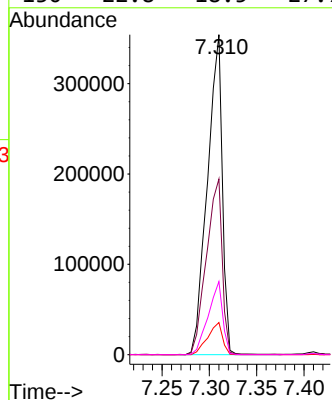
Manual Integrations  
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#19  
n-Nitroso-di-n-propylamine  
Concen: 38.83 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

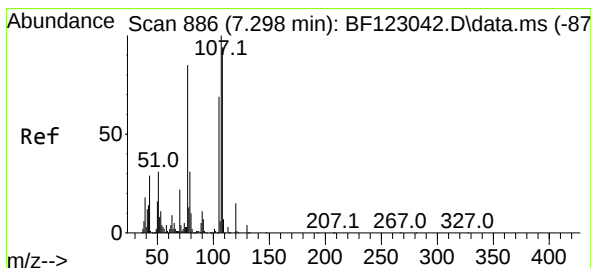
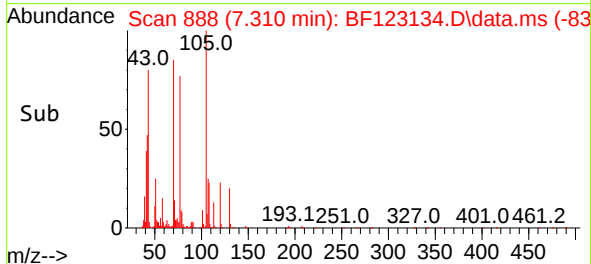
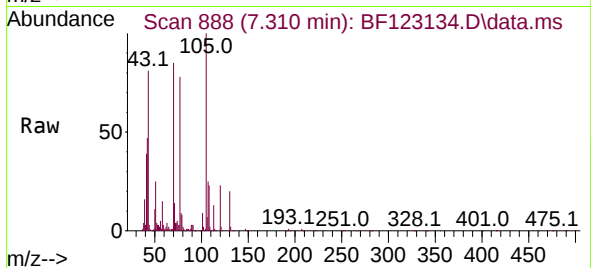
| Tgt Ion   | 70   | Resp  | 388127 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 70        | 100  |       |        |
| 42        | 54.9 | 43.0  | 64.4   |
| 101       | 10.1 | 7.9   | 11.9   |
| 130       | 22.8 | 18.5  | 27.7   |



Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

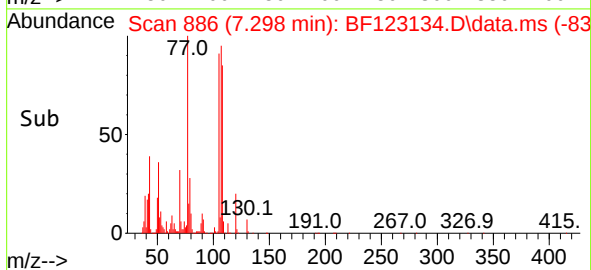
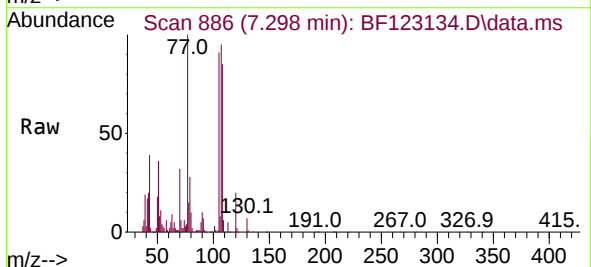
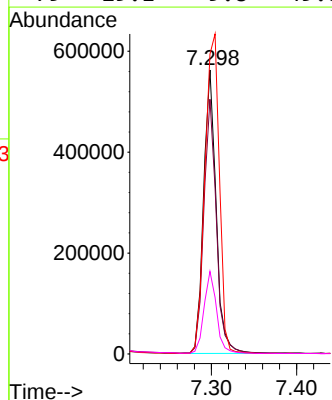
Manual Integrations  
APPROVED

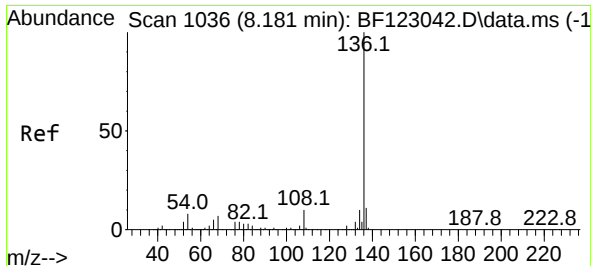
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#20  
3+4-Methylphenols  
Concen: 43.07 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

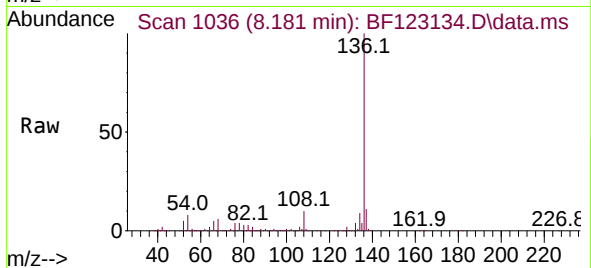
| Tgt Ion   | 107   | Resp  | 573689 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 107       | 100   |       |        |
| 108       | 89.6  | 68.7  | 108.7  |
| 77        | 105.6 | 89.8  | 129.8  |
| 79        | 29.1  | 9.8   | 49.8   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

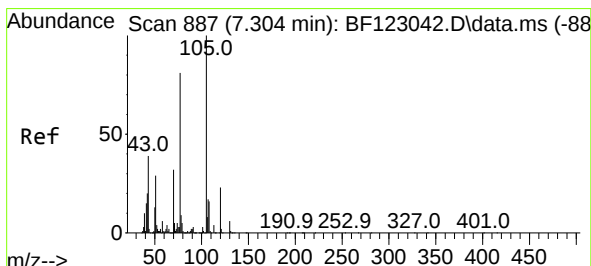
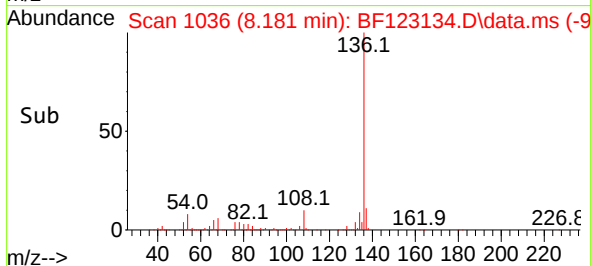
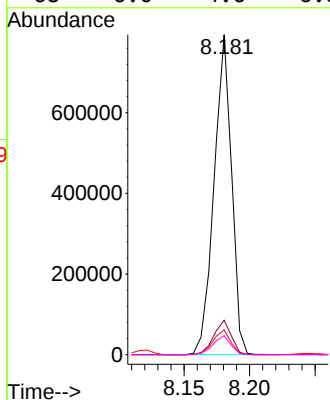
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 735576 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.8   | 13.2   |
| 54        | 7.8   | 5.5   | 8.3    |
| 68        | 6.0   | 4.6   | 6.8    |

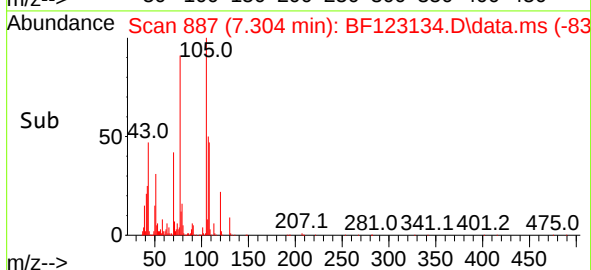
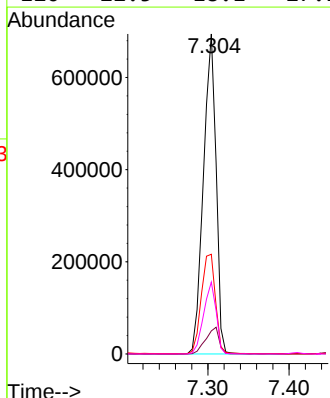
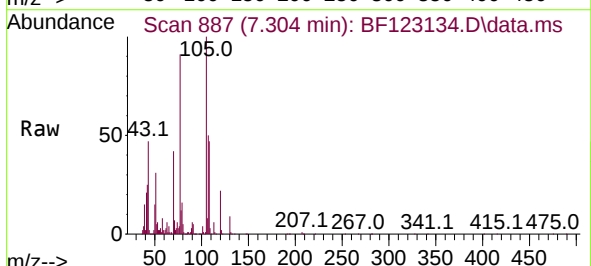
Manual Integrations  
APPROVED

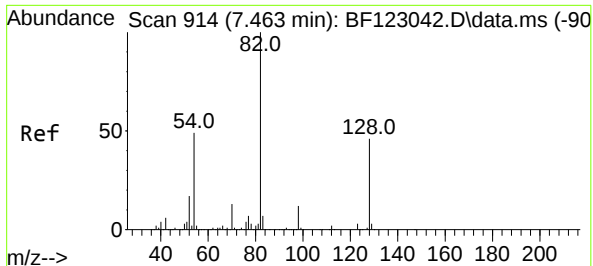
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#22  
Acetophenone  
Concen: 39.21 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 751505 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.2   | 6.5   | 9.7    |
| 51        | 31.1  | 24.3  | 36.5   |
| 120       | 22.5  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 60.43 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

Tgt Ion: 82 Resp: 883292

Ion Ratio Lower Upper

82 100

128 44.6 37.0 55.4

54 48.4 38.4 57.6

Instrument :

BNA\_F

ClientSampled :

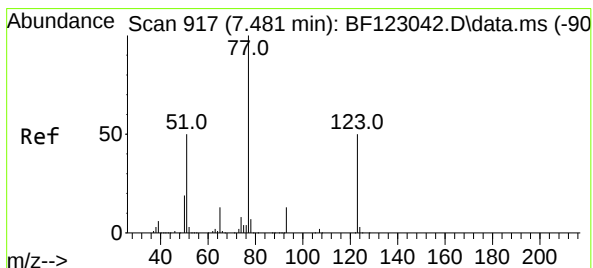
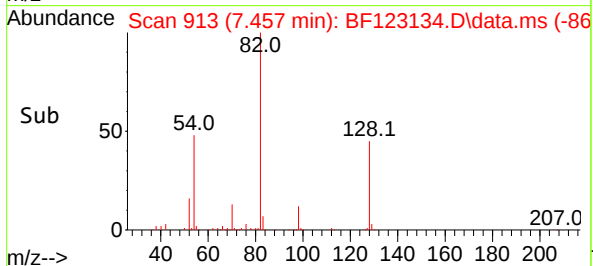
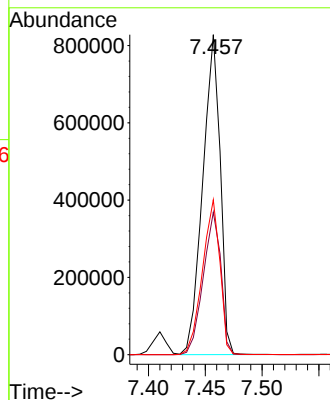
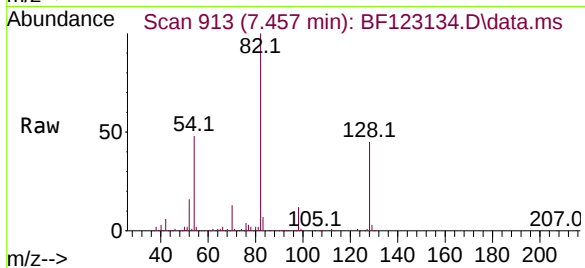
SP-1MS

Manual Integrations

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#24

Nitrobenzene

Concen: 41.00 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

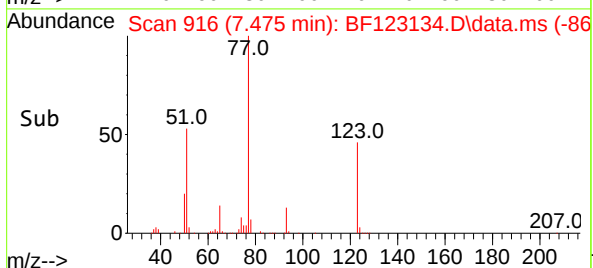
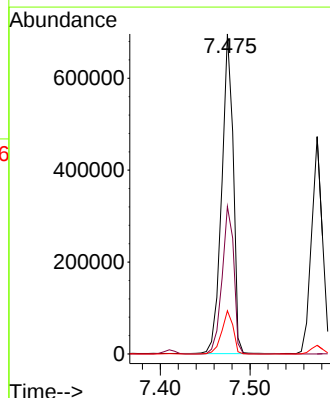
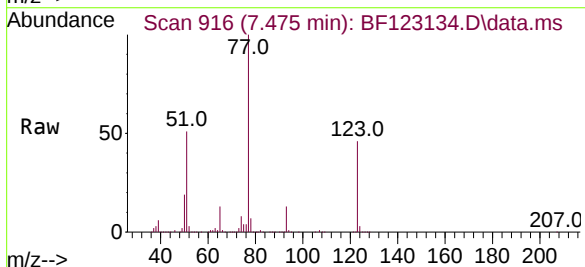
Tgt Ion: 77 Resp: 617370

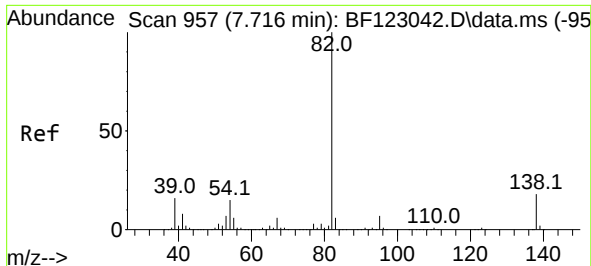
Ion Ratio Lower Upper

77 100

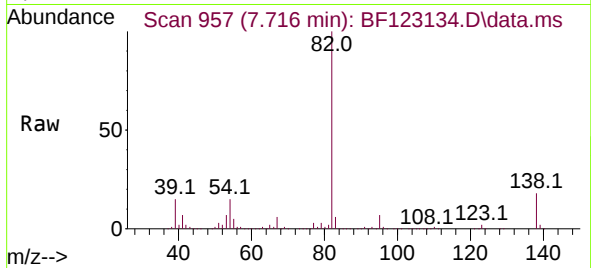
123 46.1 39.3 58.9

65 13.5 10.6 15.8



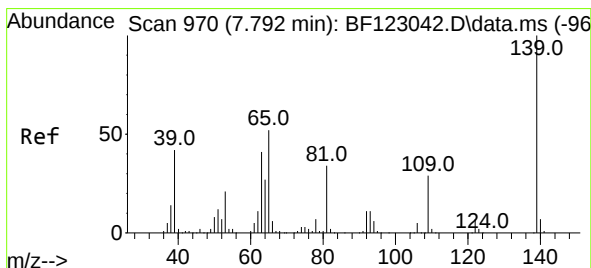
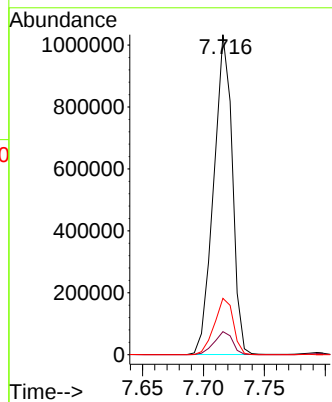
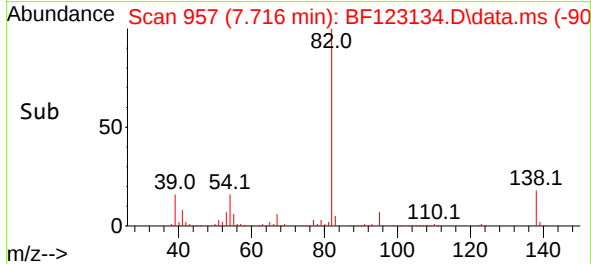


#25  
Isophorone  
Concen: 40.94 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

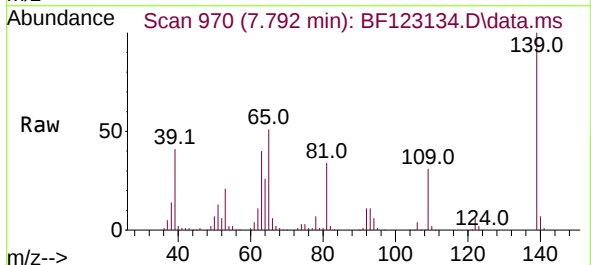


Tgt Ion: 82 Resp: 1096148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.2   | 5.8   | 8.6   |
| 138 | 17.6  | 14.6  | 21.8  |

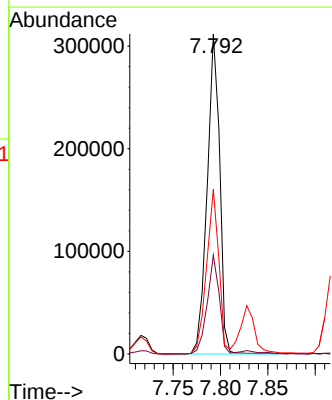
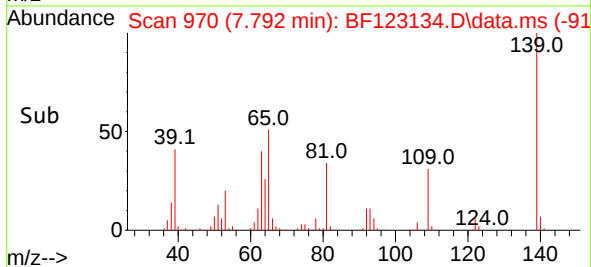


#26  
2-Nitrophenol  
Concen: 45.82 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion: 139 Resp: 285360

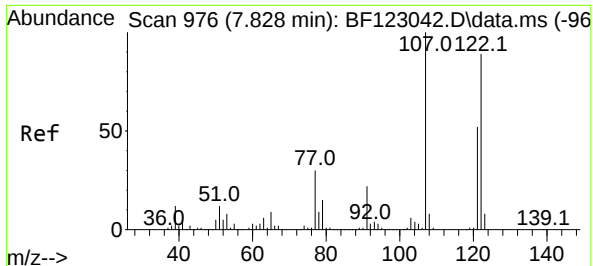
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 30.8  | 24.0  | 36.0  |
| 65  | 51.4  | 40.9  | 61.3  |



Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

Manual Integrations  
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#27

2,4-Dimethylphenol

Concen: 44.27 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

Tgt Ion:122 Resp: 497488

Ion Ratio Lower Upper

122 100

107 116.0 91.8 137.8

121 58.7 47.3 70.9

Instrument :

BNA\_F

ClientSampled :

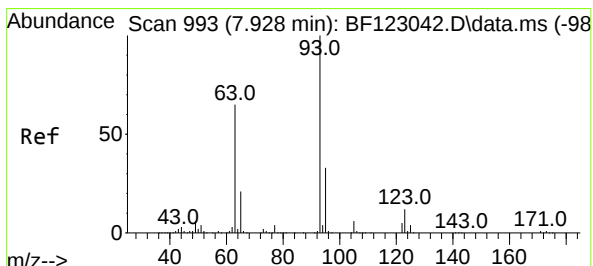
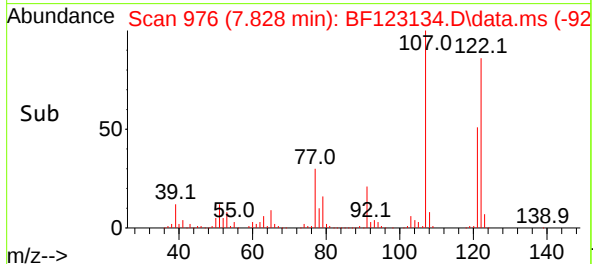
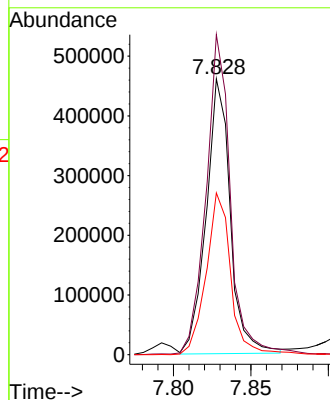
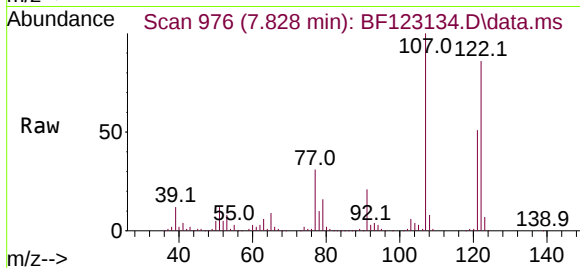
SP-1MS

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 37.63 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF123134.D

Acq: 5 Feb 2021 14:27

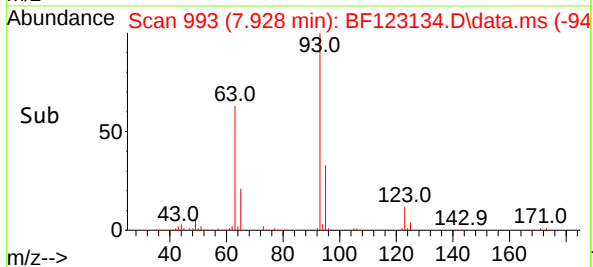
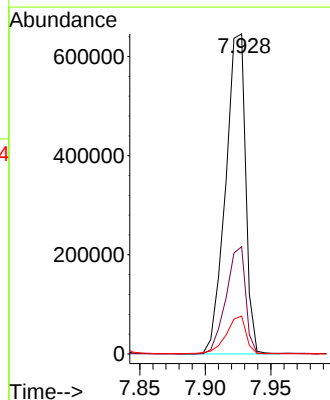
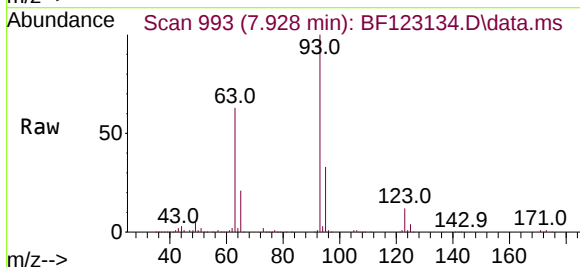
Tgt Ion: 93 Resp: 687414

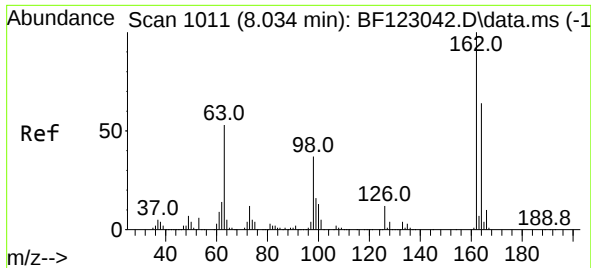
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 11.8 9.2 13.8





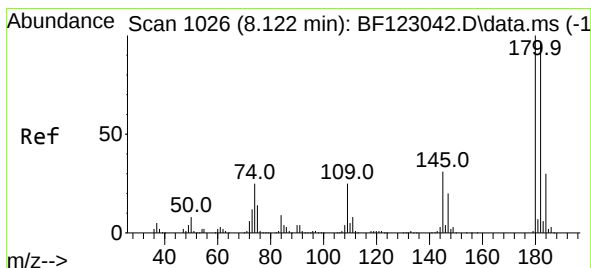
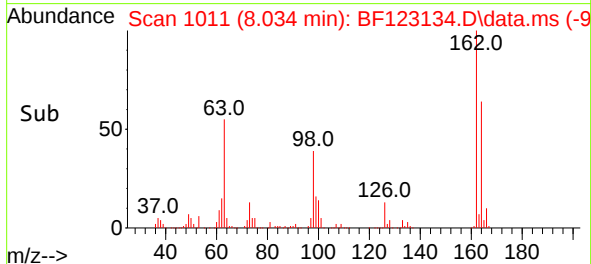
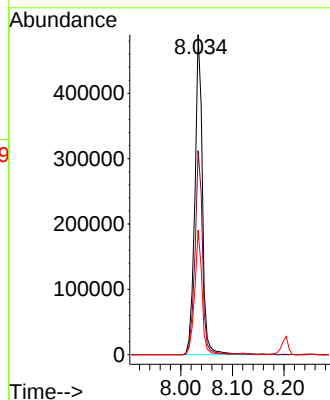
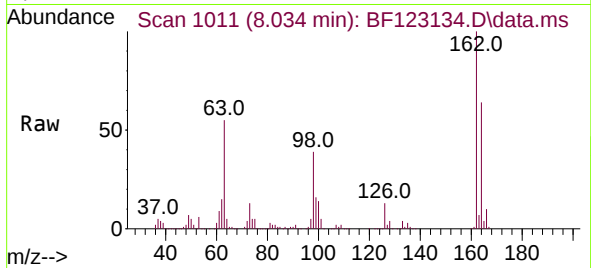
#29  
2,4-Dichlorophenol  
Concen: 42.48 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:162 Resp: 499148  
Ion Ratio Lower Upper  
162 100  
164 63.7 43.2 83.2  
98 38.9 15.2 55.2

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

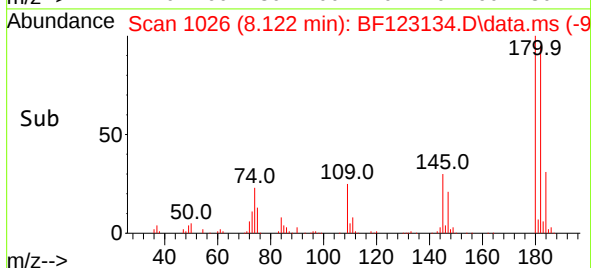
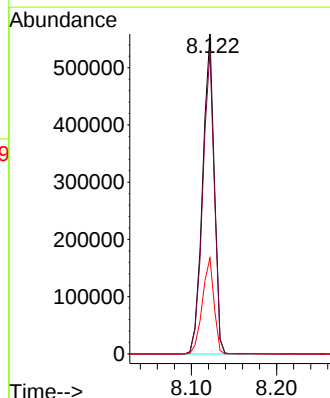
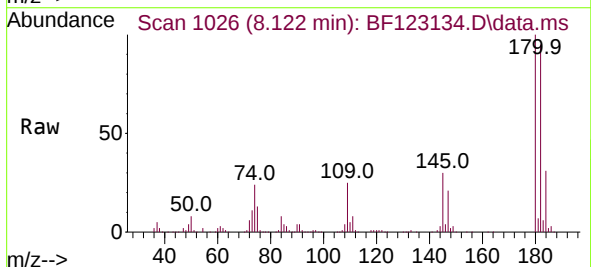
Manual Integrations  
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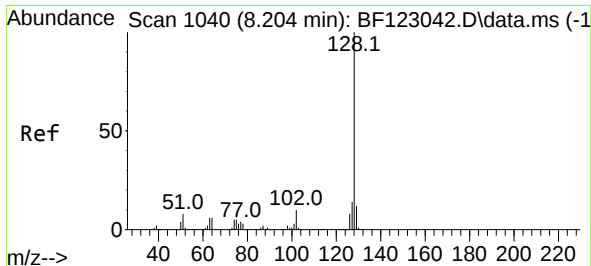
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.03 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

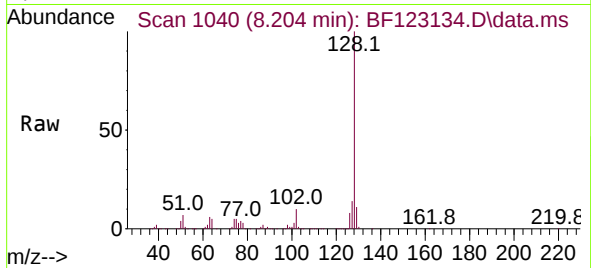
Tgt Ion:180 Resp: 529852  
Ion Ratio Lower Upper  
180 100  
182 94.7 75.7 113.5  
145 30.0 25.0 37.4





#31  
Naphthalene  
Concen: 40.11 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

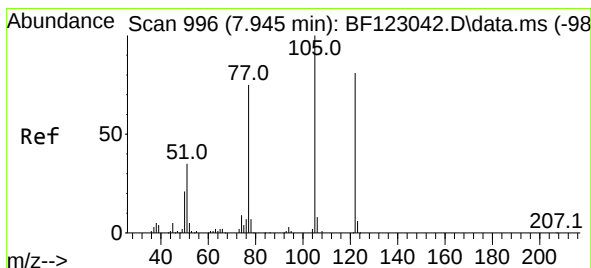
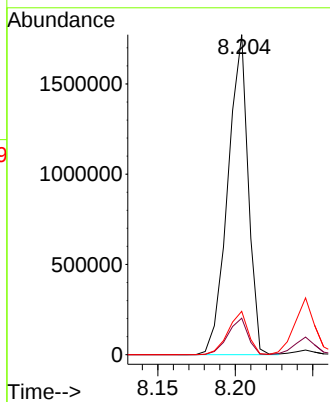
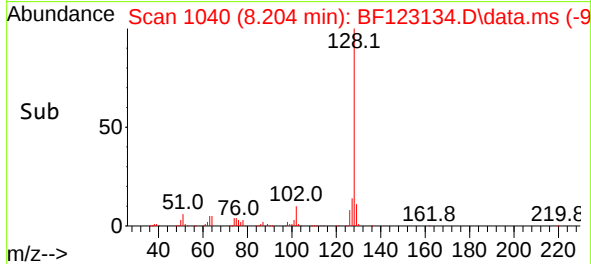
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



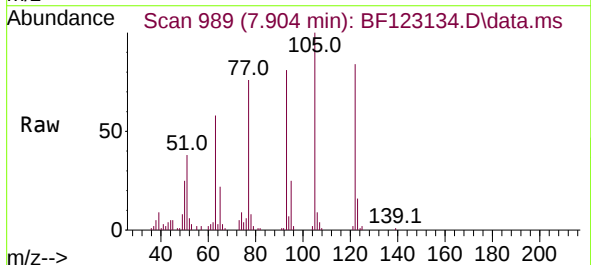
Tgt Ion:128 Resp: 1618321  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.6 10.7 16.1

Manual Integrations  
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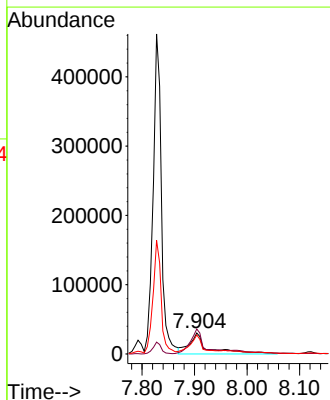
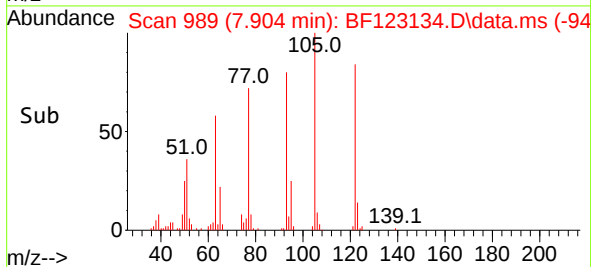
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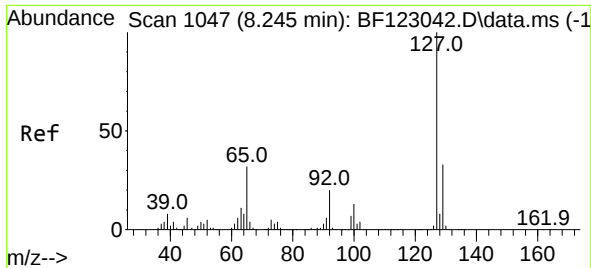


#32  
Benzoic acid  
Concen: 12.69 ng m  
RT: 7.904 min Scan# 989  
Delta R.T. -0.041 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:122 Resp: 78419  
Ion Ratio Lower Upper  
122 100  
105 118.4 104.8 144.8  
77 90.2 71.0 111.0





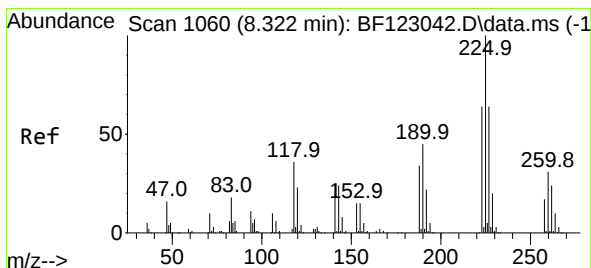
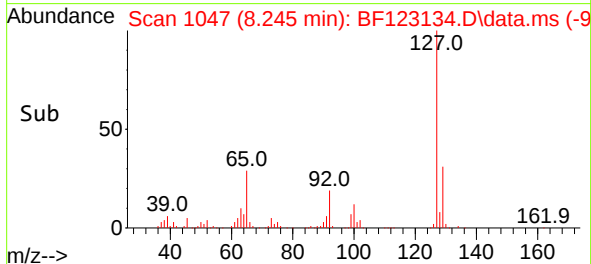
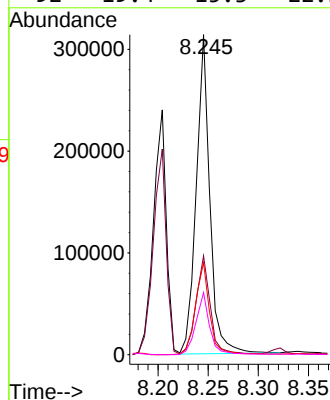
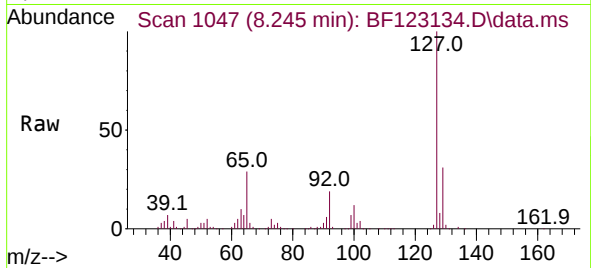
#33  
4-Chloroaniline  
Concen: 16.61 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 297476 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 30.9  | 26.2  | 39.2   |
| 65        | 28.8  | 22.2  | 33.2   |
| 92        | 19.4  | 15.3  | 22.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

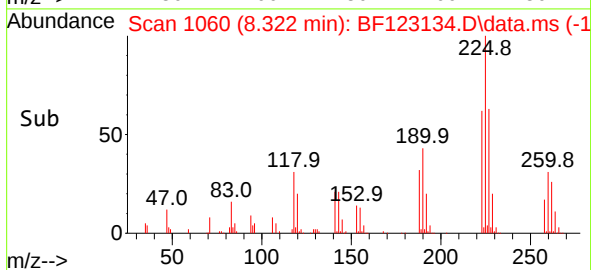
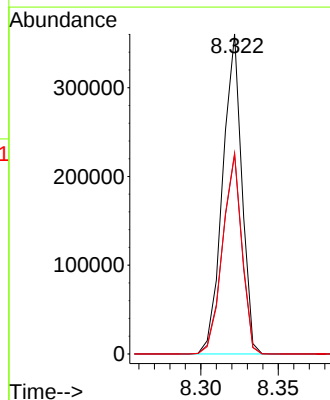
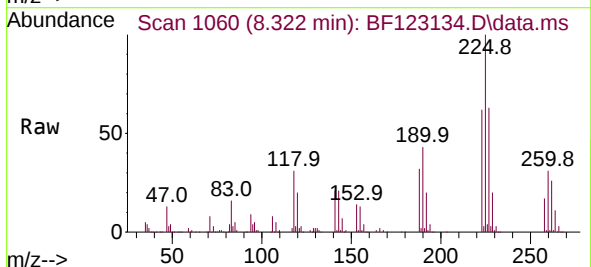
Manual Integrations  
APPROVED

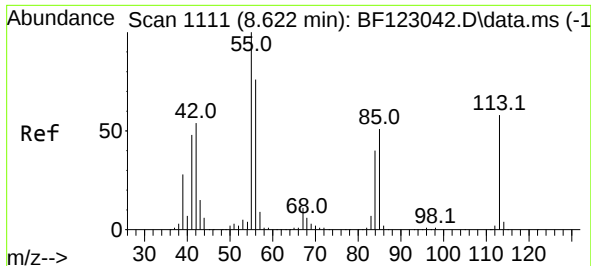
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#34  
Hexachlorobutadiene  
Concen: 40.48 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

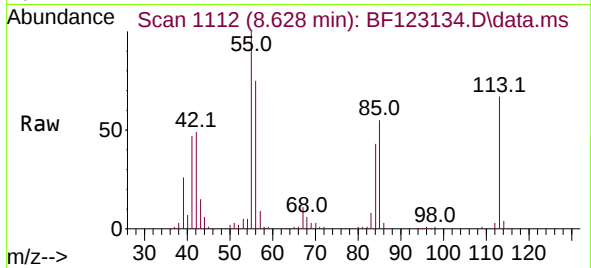
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 309513 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.3  | 50.7  | 76.1   |
| 227       | 62.8  | 51.7  | 77.5   |





#35  
Caprolactam  
Concen: 42.03 ng  
RT: 8.628 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

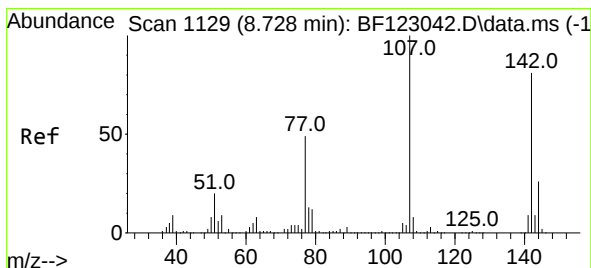
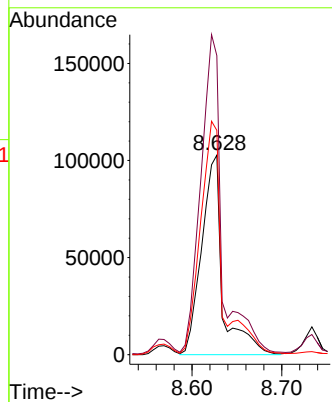
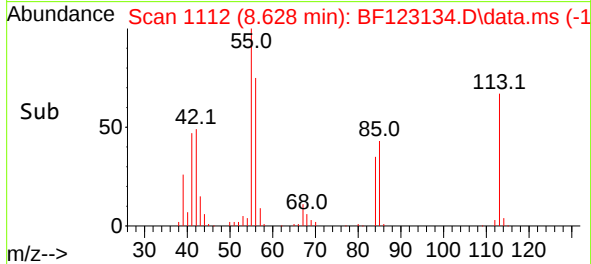
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



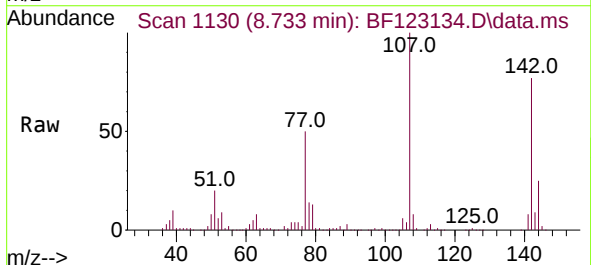
Tgt Ion:113 Resp: 166930  
Ion Ratio Lower Upper  
113 100  
55 149.8 133.7 173.7  
56 112.4 95.3 135.3

Manual Integrations  
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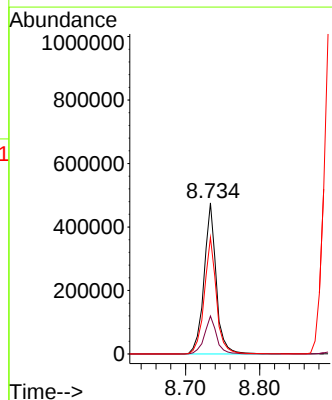
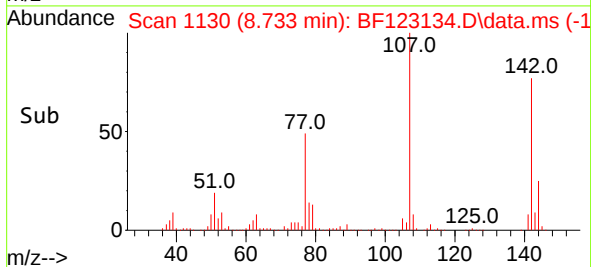
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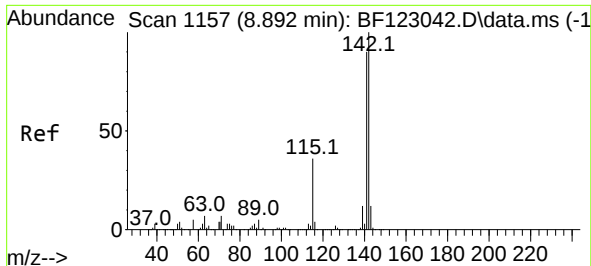


#36  
4-Chloro-3-methylphenol  
Concen: 44.52 ng  
RT: 8.733 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:107 Resp: 544002  
Ion Ratio Lower Upper  
107 100  
144 25.2 20.2 30.2  
142 77.1 64.4 96.6





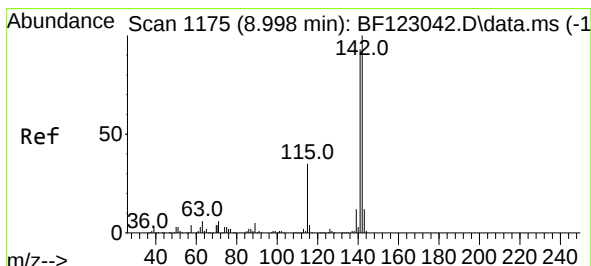
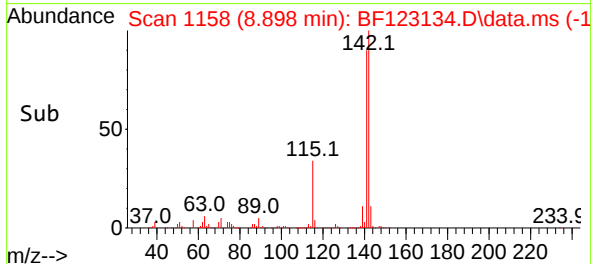
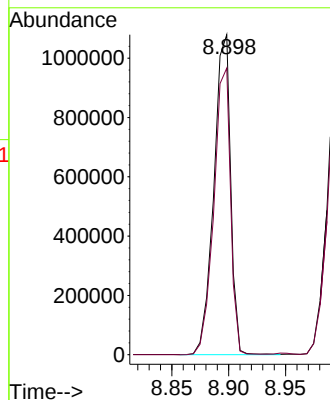
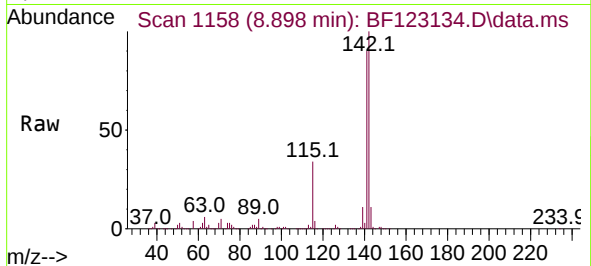
#37  
2-Methylnaphthalene  
Concen: 41.38 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

Tgt Ion:142 Resp: 1108528  
Ion Ratio Lower Upper  
142 100  
141 89.6 70.6 106.0

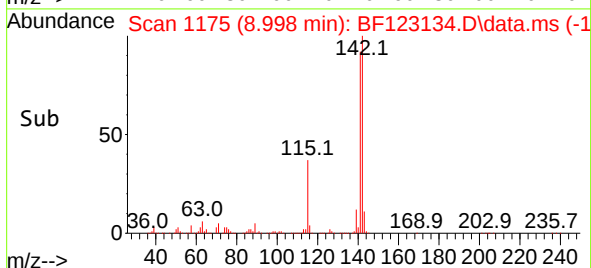
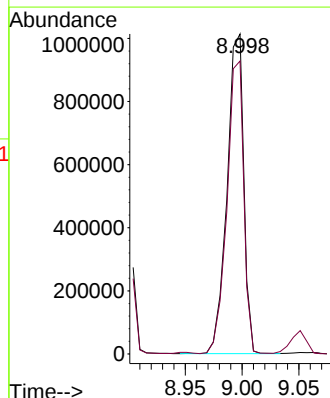
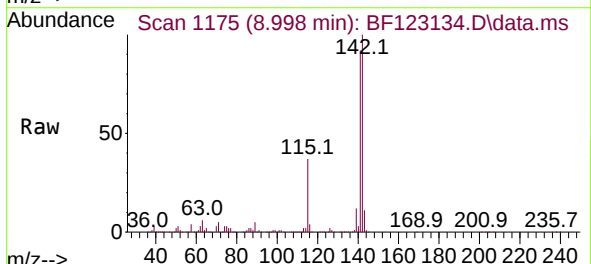
Manual Integrations  
APPROVED

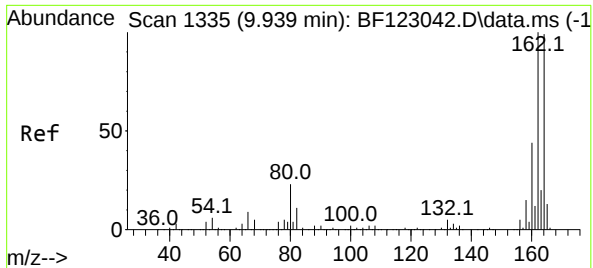
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 40.80 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

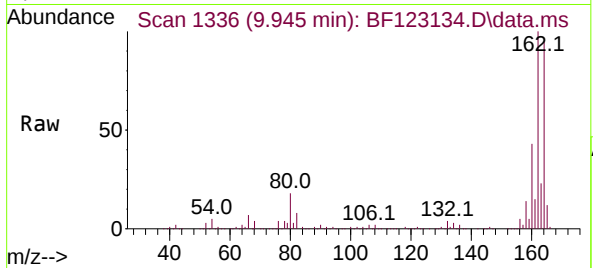
Tgt Ion:142 Resp: 1034839  
Ion Ratio Lower Upper  
142 100  
141 91.6 74.5 111.7





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

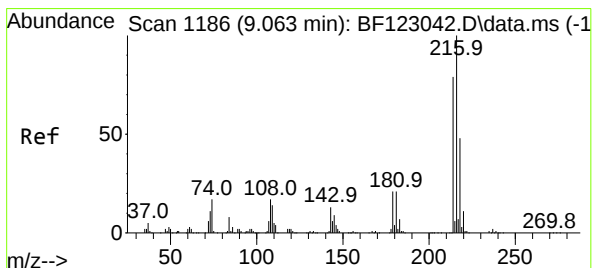
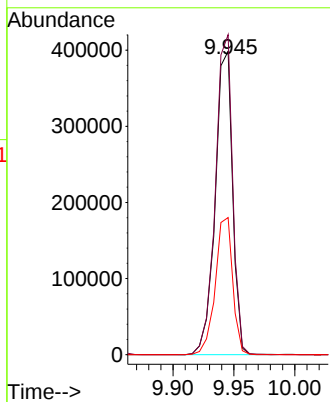
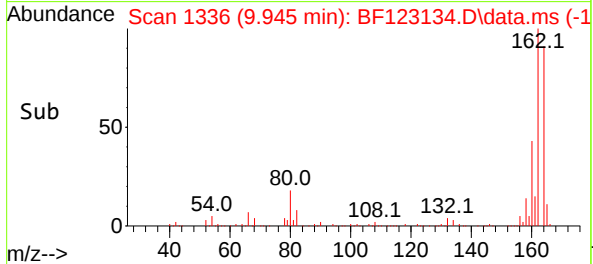
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



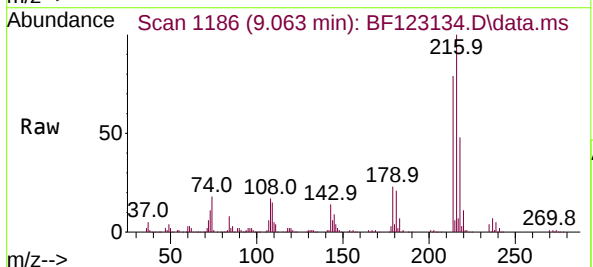
Tgt Ion:164 Resp: 396776  
Ion Ratio Lower Upper  
164 100  
162 105.5 80.8 121.2  
160 45.2 35.4 53.0

Manual Integrations  
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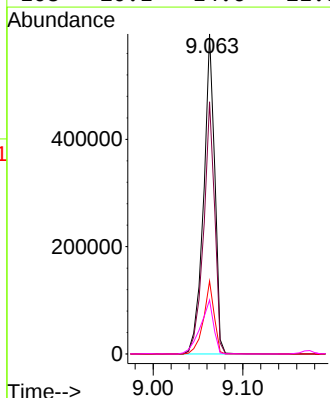
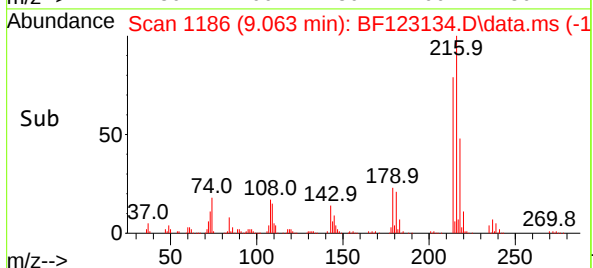
mohammad  
2/8/2021 12:18:16 PM

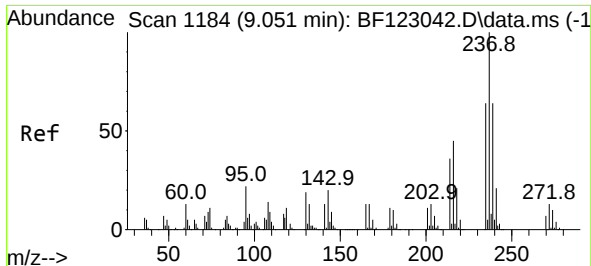


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.55 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:216 Resp: 512896  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.1 94.7  
179 21.7 17.1 25.7  
108 20.1 14.6 21.8





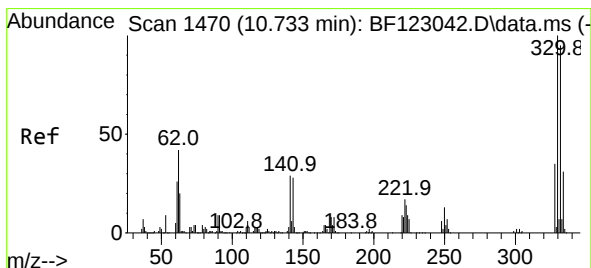
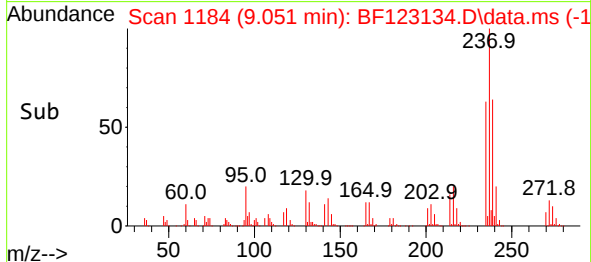
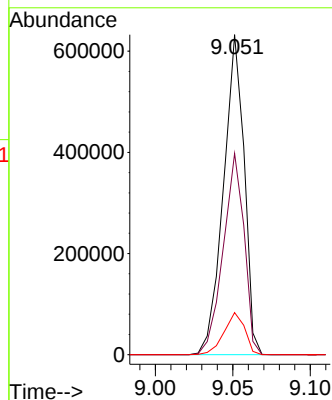
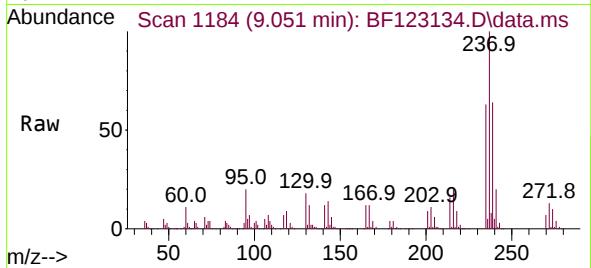
#41  
Hexachlorocyclopentadiene  
Concen: 100.44 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:237 Resp: 588488  
Ion Ratio Lower Upper  
237 100  
235 62.9 40.9 80.9  
272 13.2 0.0 33.4

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

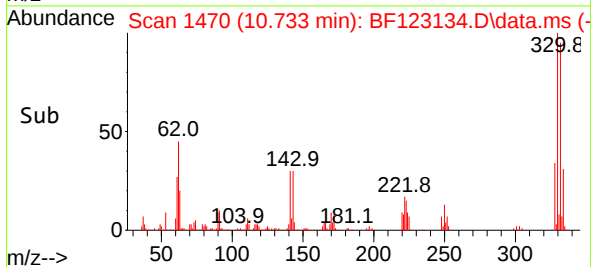
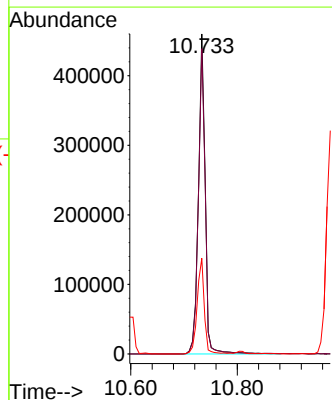
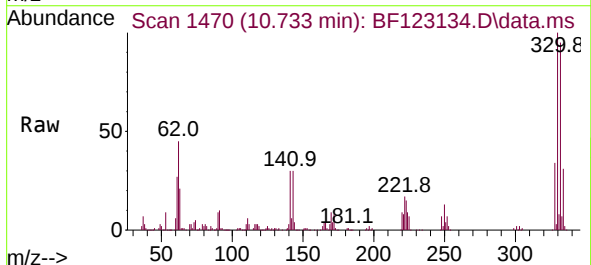
Manual Integrations  
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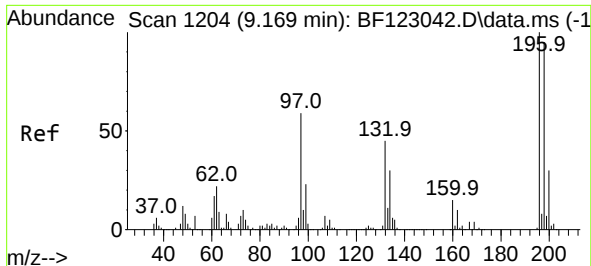
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#42  
2,4,6-Tribromophenol  
Concen: 94.13 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:330 Resp: 405450  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.5 116.3  
141 31.4 23.8 35.8





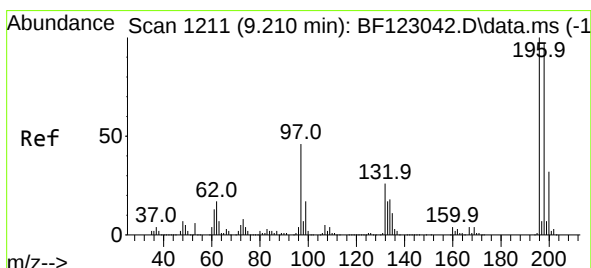
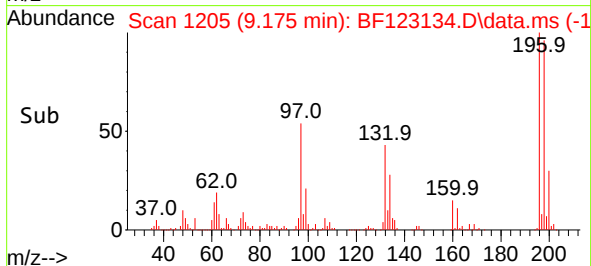
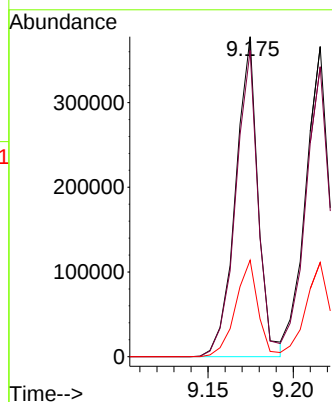
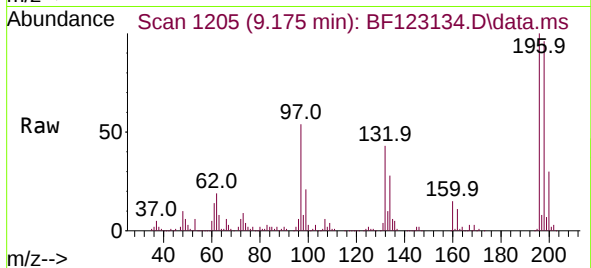
#43  
2,4,6-Trichlorophenol  
Concen: 40.88 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

Tgt Ion:196 Resp: 345955  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.1 112.7  
200 30.1 23.7 35.5

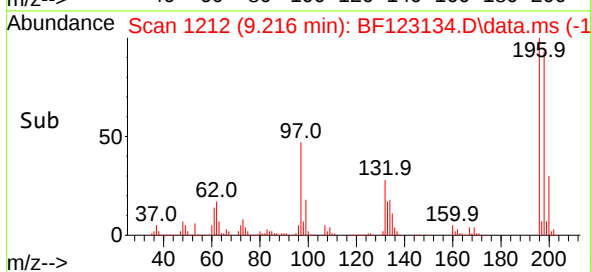
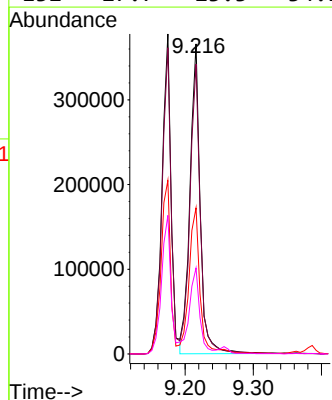
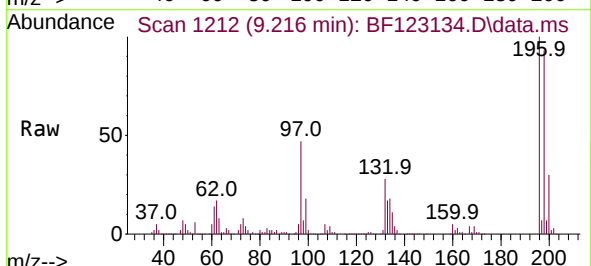
Manual Integrations  
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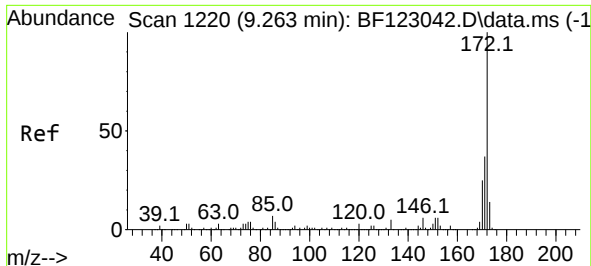
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#44  
2,4,5-Trichlorophenol  
Concen: 43.06 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

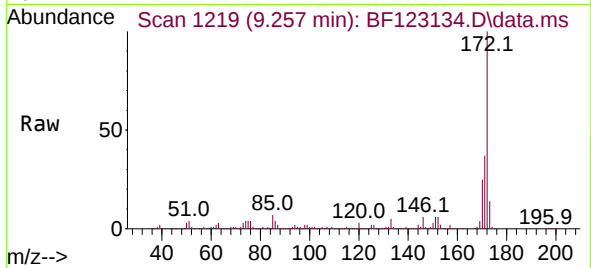
Tgt Ion:196 Resp: 380991  
Ion Ratio Lower Upper  
196 100  
198 93.5 76.5 114.7  
97 47.1 40.1 60.1  
132 27.7 23.3 34.9





#45  
2-Fluorobiphenyl  
Concen: 60.80 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

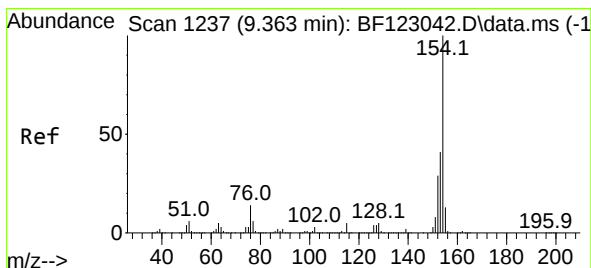
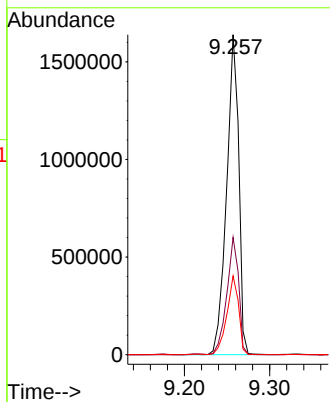
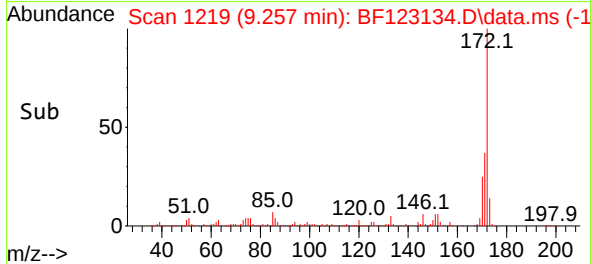
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



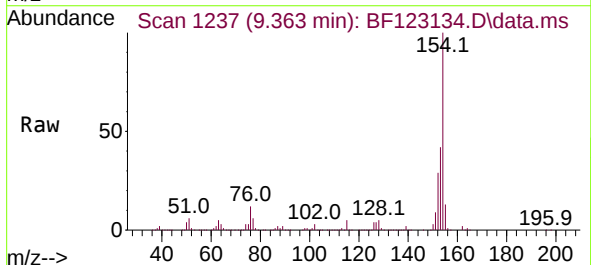
Tgt Ion:172 Resp: 1622862  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 24.6 19.5 29.3

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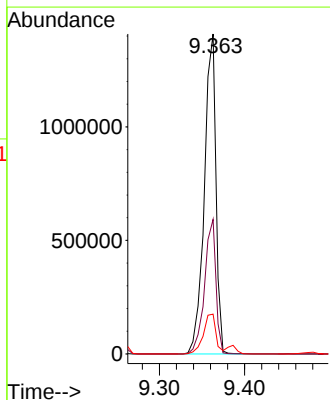
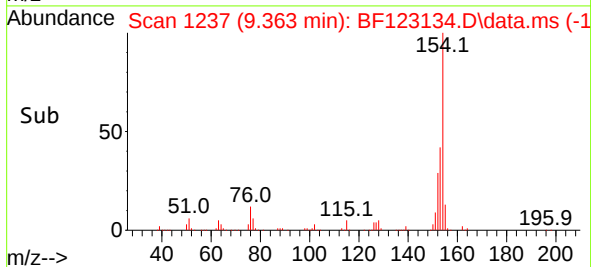
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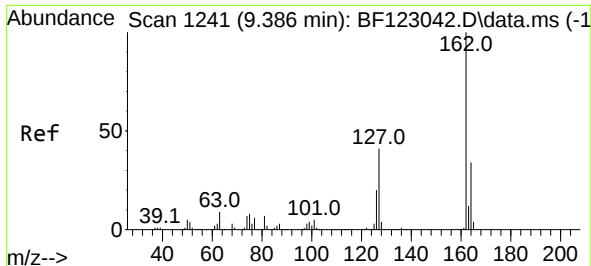


#46  
1,1'-Biphenyl  
Concen: 41.04 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:154 Resp: 1335643  
Ion Ratio Lower Upper  
154 100  
153 42.1 21.8 61.8  
76 12.4 0.0 33.4





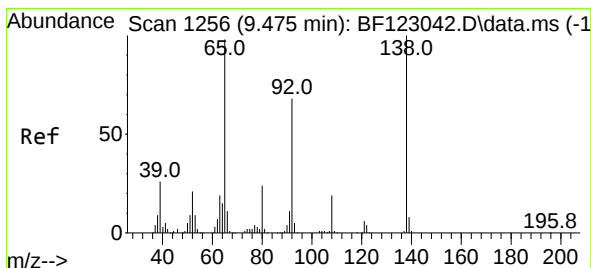
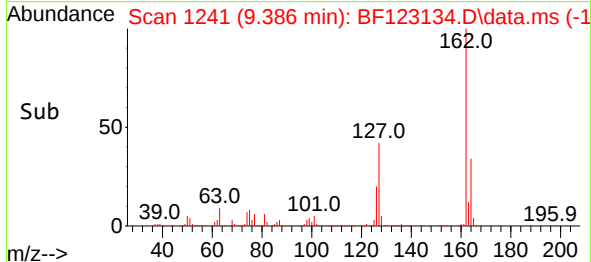
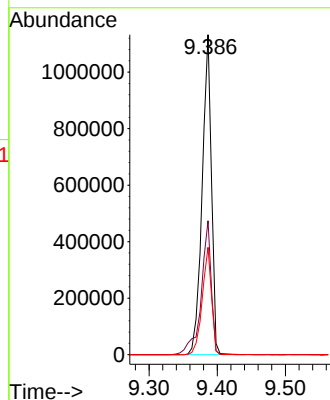
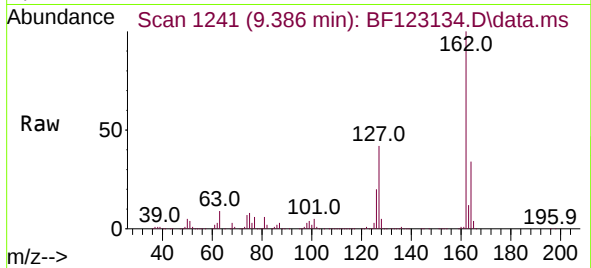
#47  
2-Chloronaphthalene  
Concen: 39.46 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:162 Resp: 1075163  
Ion Ratio Lower Upper  
162 100  
127 41.9 33.8 50.8  
164 33.5 26.5 39.7

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

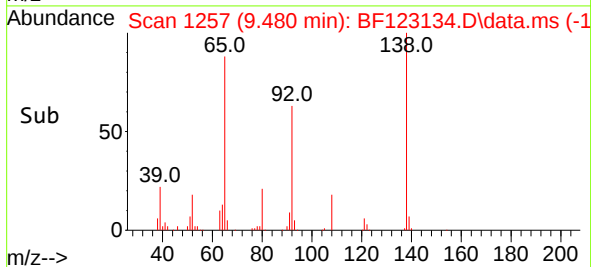
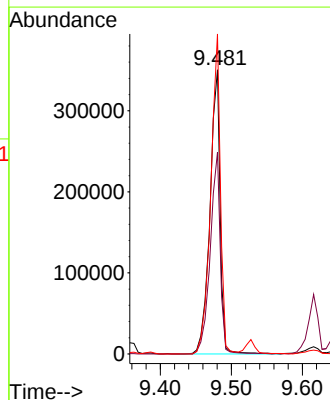
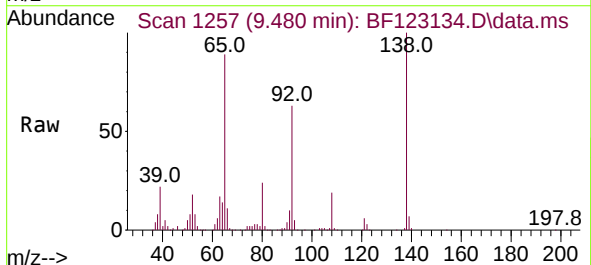
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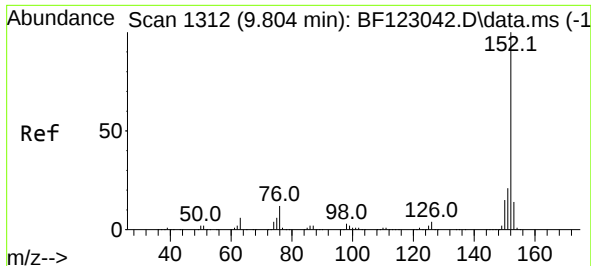
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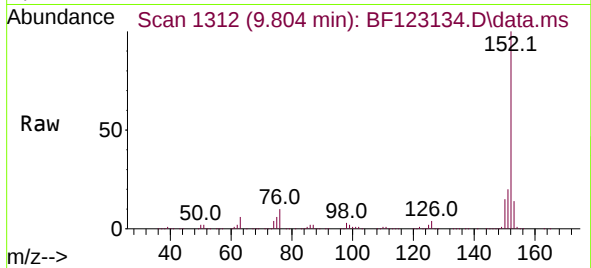
#48  
2-Nitroaniline  
Concen: 42.52 ng  
RT: 9.480 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion: 65 Resp: 351079  
Ion Ratio Lower Upper  
65 100  
92 71.0 60.0 90.0  
138 112.6 100.6 151.0

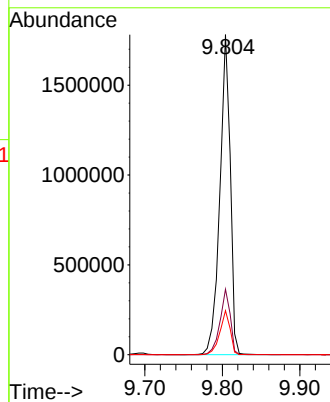
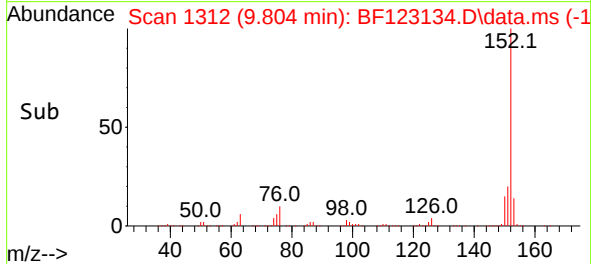




#49  
Acenaphthylene  
Concen: 41.69 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



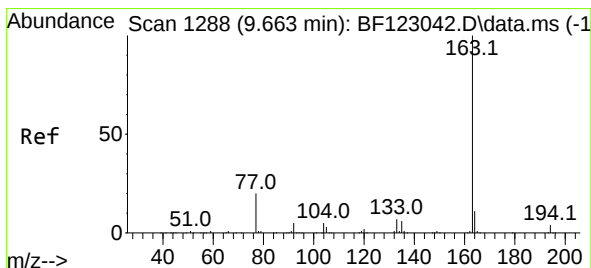
Tgt Ion:152 Resp: 1662289  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.6 25.0  
153 13.7 10.9 16.3



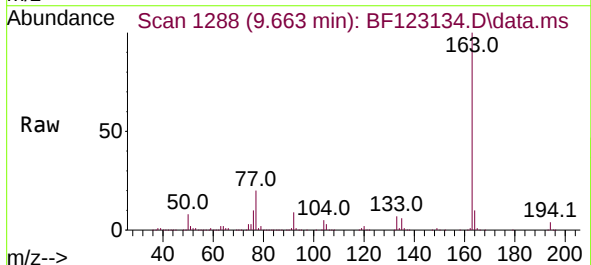
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

Manual Integrations  
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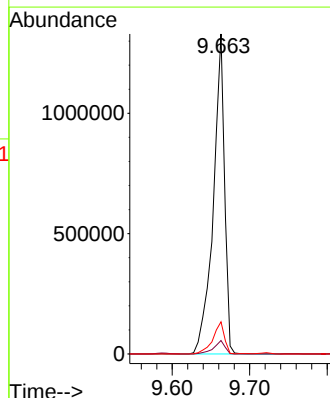
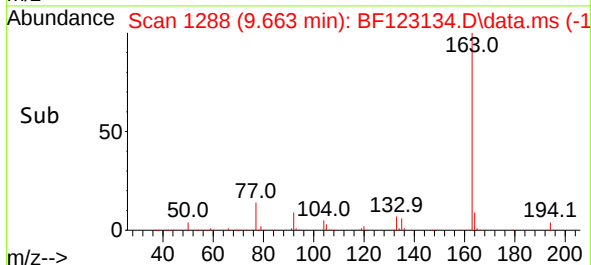
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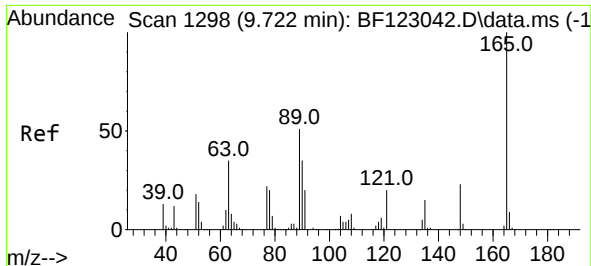


#50  
Dimethylphthalate  
Concen: 43.18 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

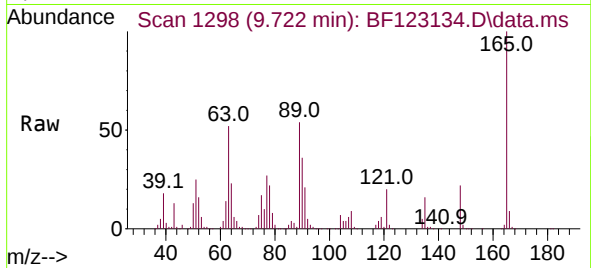


Tgt Ion:163 Resp: 1344272  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.1 8.1 12.1

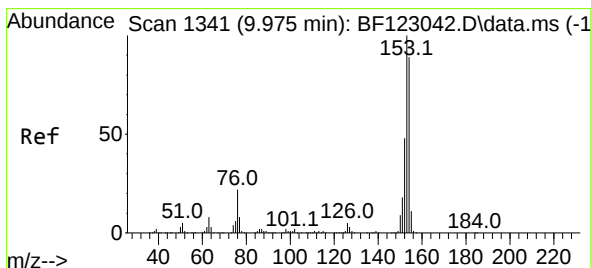
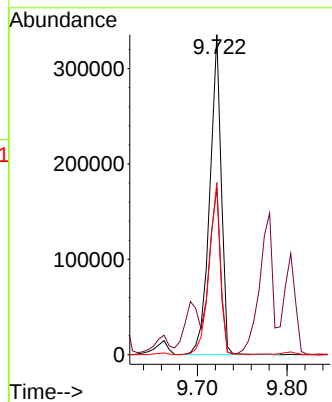
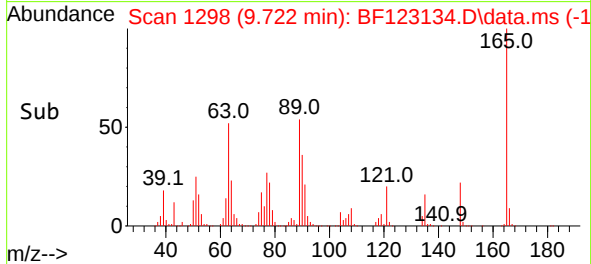




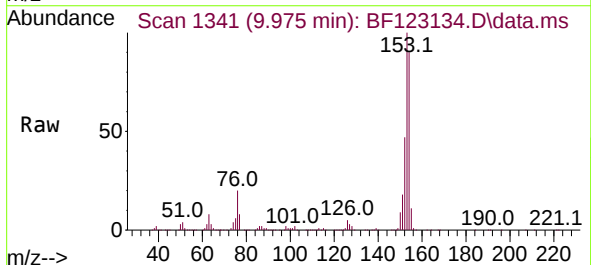
#51  
2,6-Dinitrotoluene  
Concen: 45.08 ng  
RT: 9.722 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



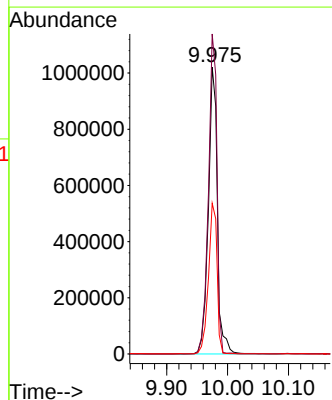
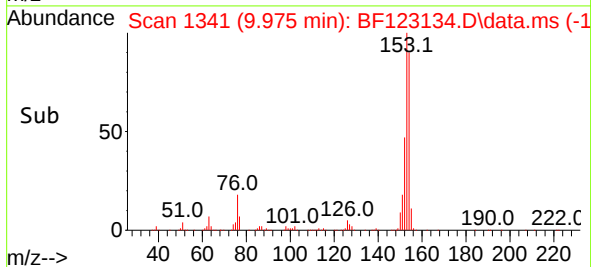
Tgt Ion:165 Resp: 298926  
Ion Ratio Lower Upper  
165 100  
63 52.0 36.6 55.0  
89 53.8 39.4 59.0



#52  
Acenaphthene  
Concen: 41.10 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



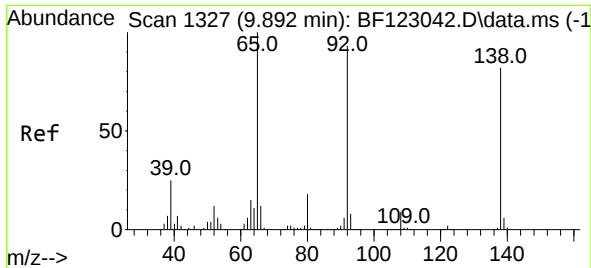
Tgt Ion:154 Resp: 1052719  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.0 133.6  
152 52.6 42.7 64.1



Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

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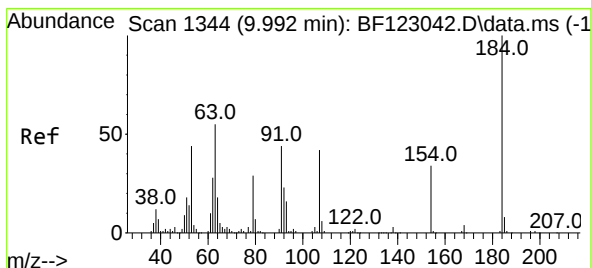
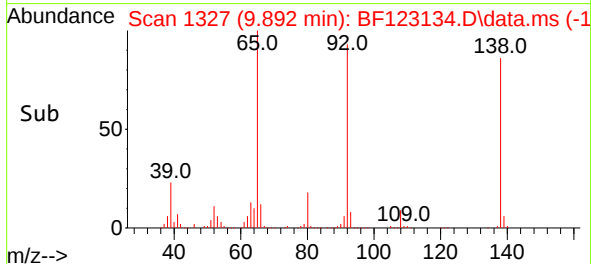
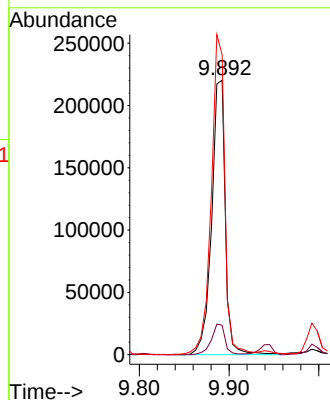
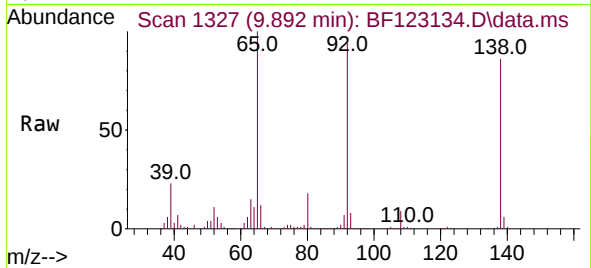
#53  
3-Nitroaniline  
Concen: 29.72 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:138 Resp: 233015  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.2 12.2  
92 109.2 85.4 128.2

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

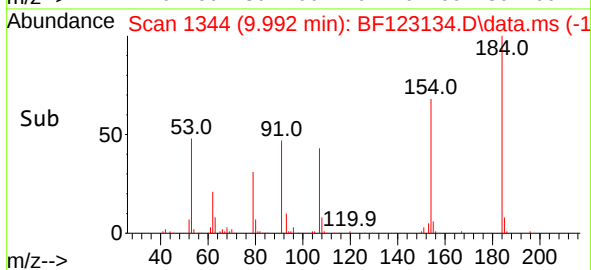
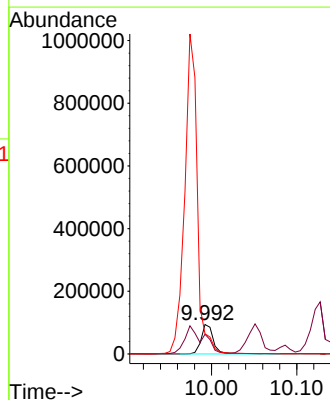
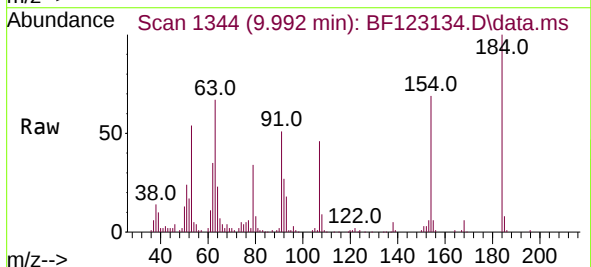
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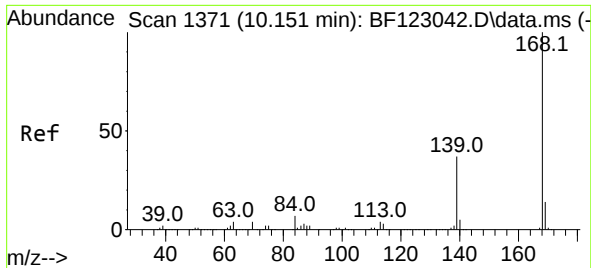
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#54  
2,4-Dinitrophenol  
Concen: 35.46 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

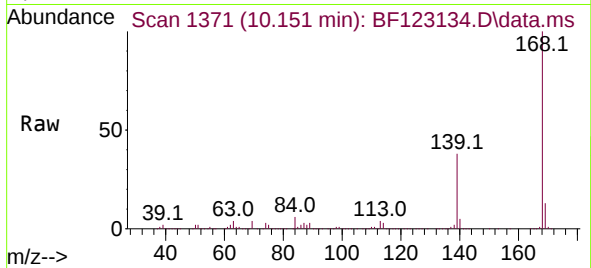
Tgt Ion:184 Resp: 94899  
Ion Ratio Lower Upper  
184 100  
63 67.1 51.4 77.2  
154 68.7 49.7 74.5





#55  
Dibenzofuran  
Concen: 40.43 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

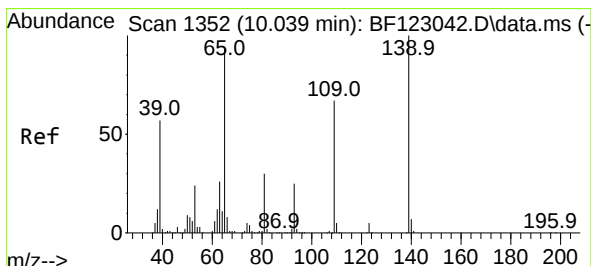
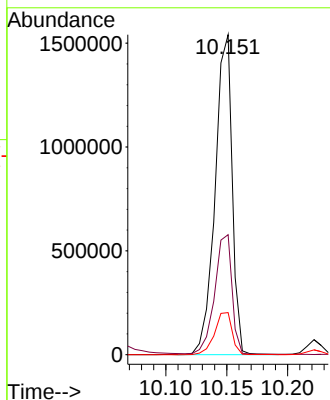
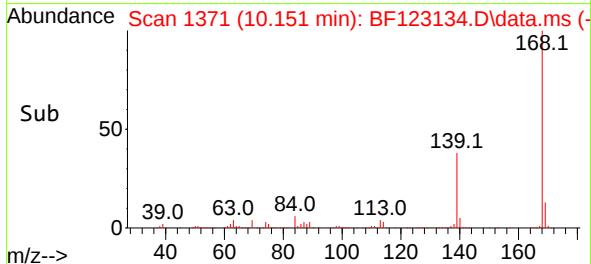
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



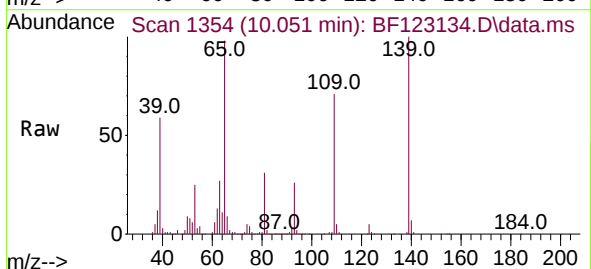
Tgt Ion:168 Resp: 1506956  
Ion Ratio Lower Upper  
168 100  
139 37.5 31.3 46.9  
169 13.2 11.2 16.8

Manual Integrations  
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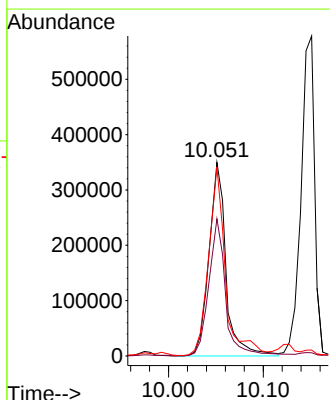
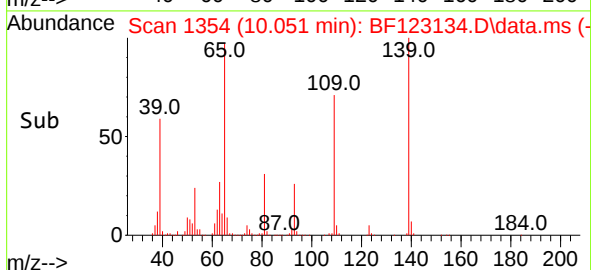
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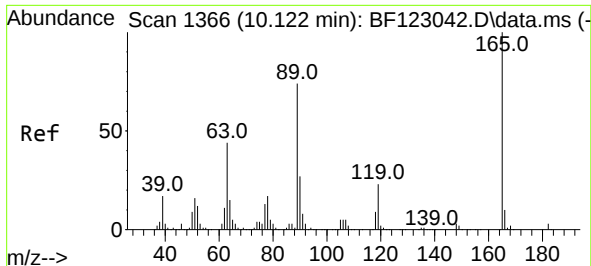


#56  
4-Nitrophenol  
Concen: 76.83 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



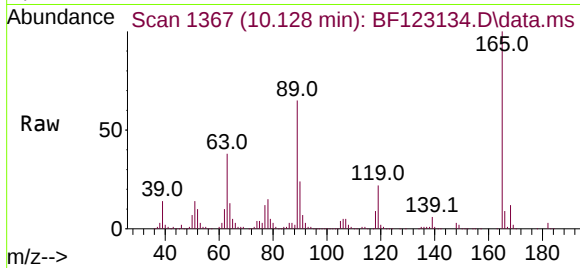
Tgt Ion:139 Resp: 435495  
Ion Ratio Lower Upper  
139 100  
109 70.8 45.1 85.1  
65 97.5 59.2 99.2





#57  
2,4-Dinitrotoluene  
Concen: 46.90 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

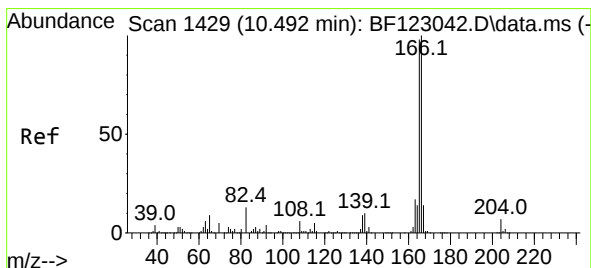
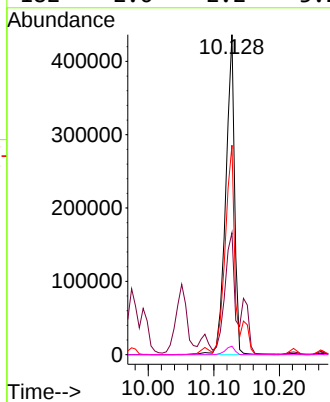
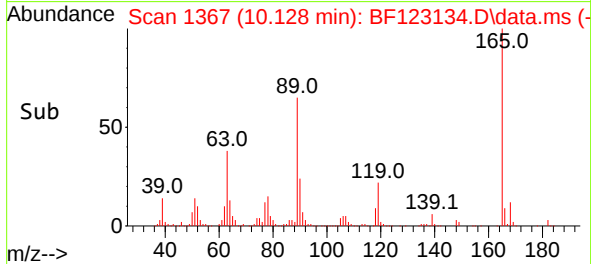
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



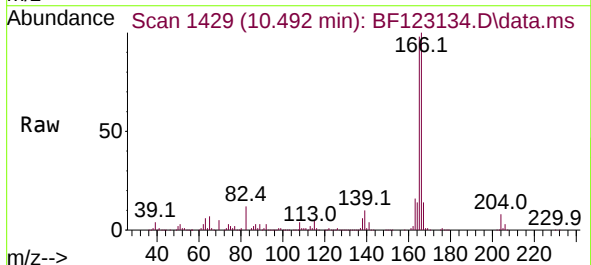
Tgt Ion:165 Resp: 404476  
Ion Ratio Lower Upper  
165 100  
63 38.1 34.3 51.5  
89 65.4 55.2 82.8  
182 2.6 2.2 3.2

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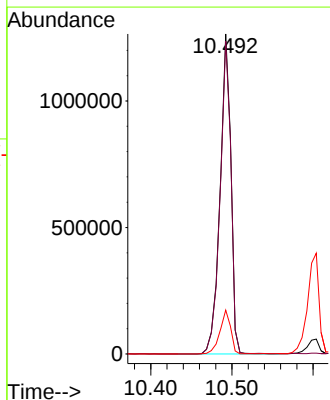
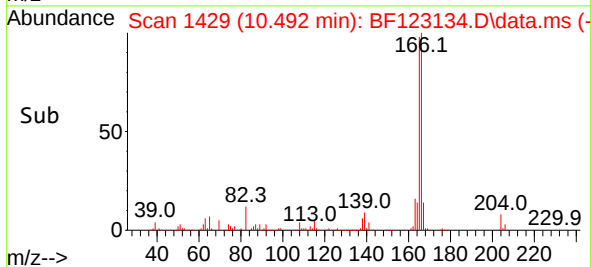
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#58  
Fluorene  
Concen: 39.56 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:166 Resp: 1177872  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.4 119.0  
167 13.7 10.9 16.3





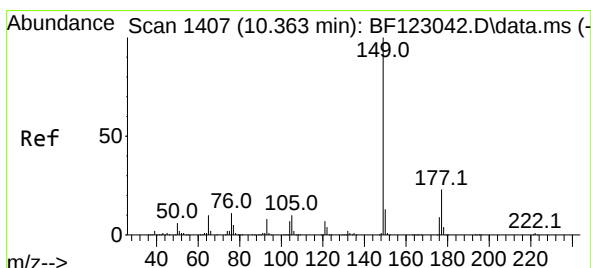
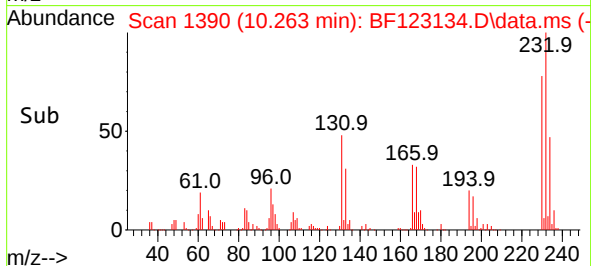
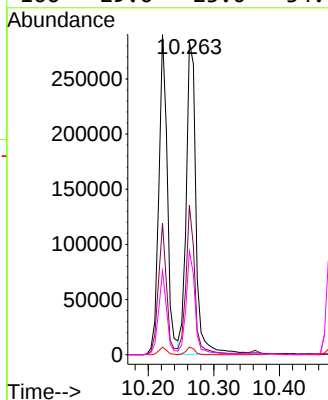
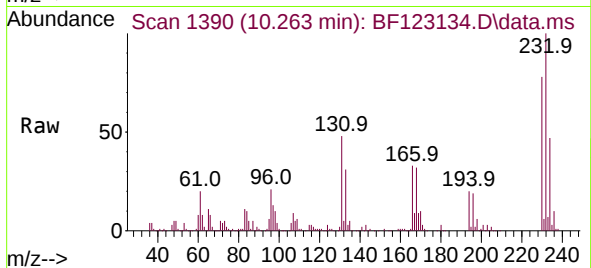
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.65 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:232 Resp: 290034  
Ion Ratio Lower Upper  
232 100  
131 44.1 33.0 49.4  
130 2.1 1.7 2.5  
166 29.6 23.0 34.4

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

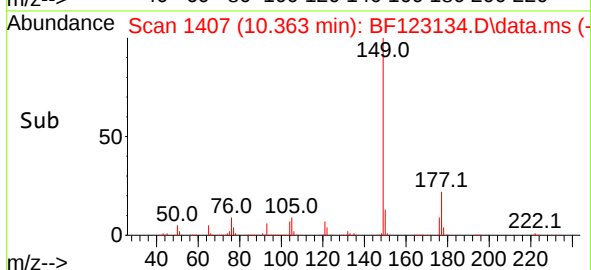
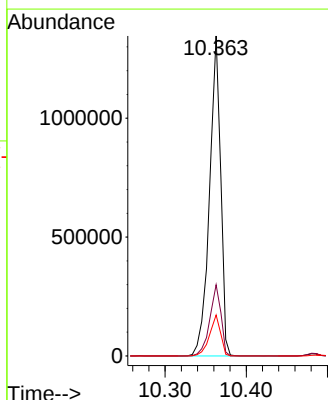
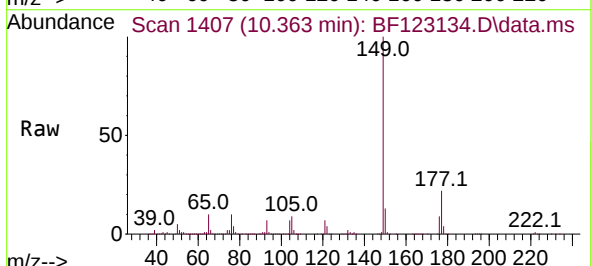
Manual Integrations  
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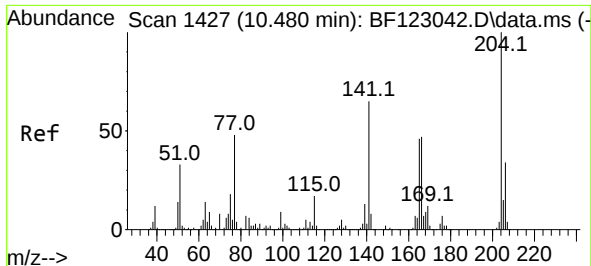
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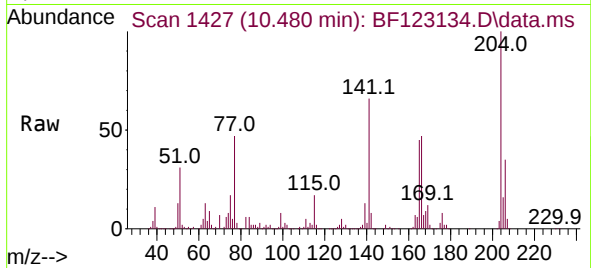
#60  
Diethylphthalate  
Concen: 41.81 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:149 Resp: 1279748  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.2 27.4  
150 12.8 10.1 15.1

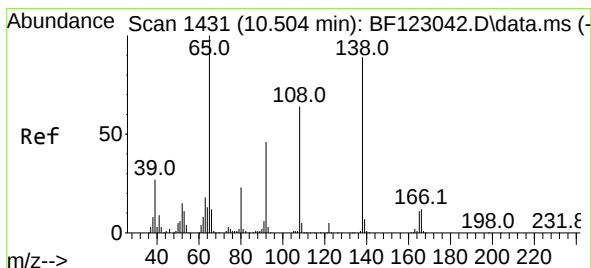
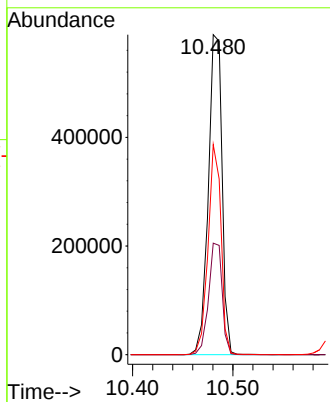
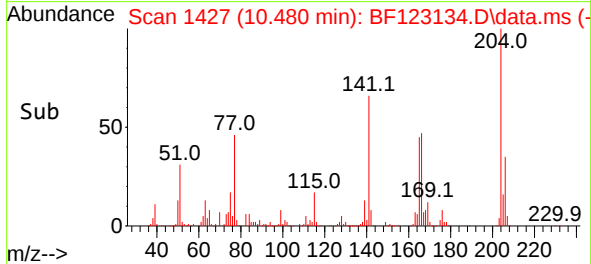




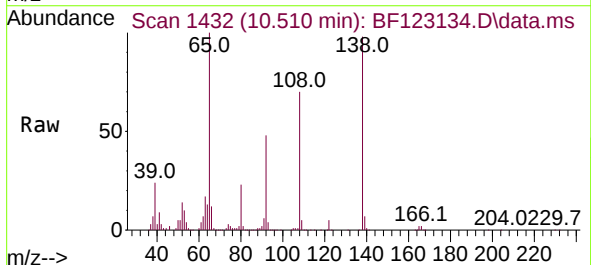
#61  
4-Chlorophenyl-phenylether  
Concen: 40.31 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



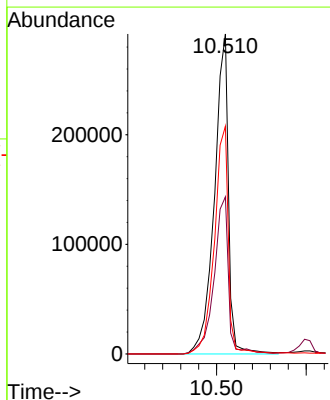
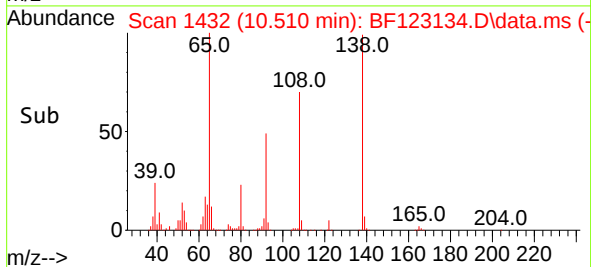
Tgt Ion:204 Resp: 563960  
Ion Ratio Lower Upper  
204 100  
206 34.9 27.0 40.4  
141 65.7 50.4 75.6



#62  
4-Nitroaniline  
Concen: 40.34 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



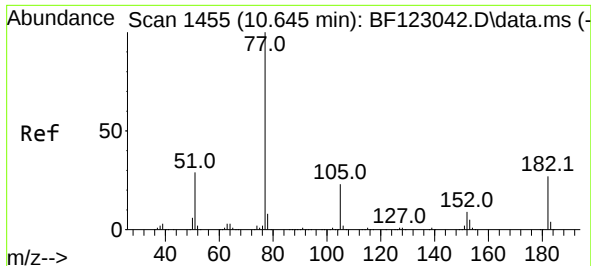
Tgt Ion:138 Resp: 317843  
Ion Ratio Lower Upper  
138 100  
92 49.1 31.0 71.0  
108 71.1 54.8 94.8



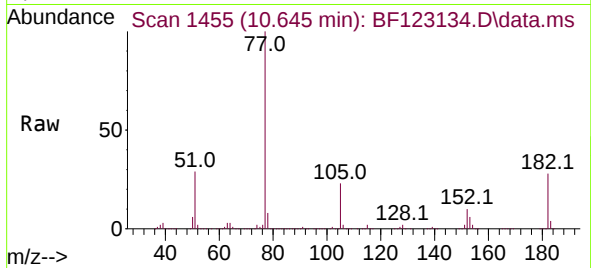
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

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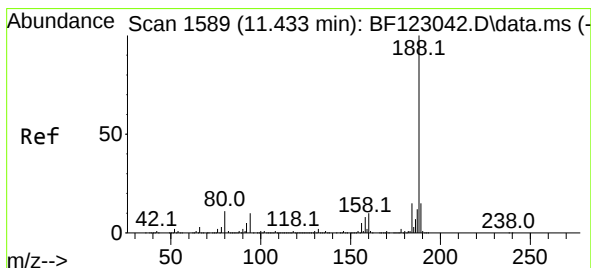
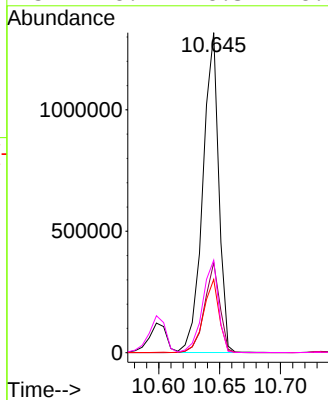
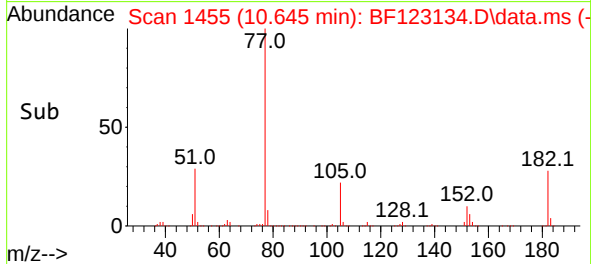
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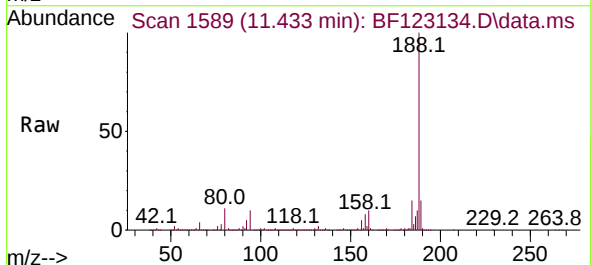
#63  
Azobenzene  
Concen: 39.90 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



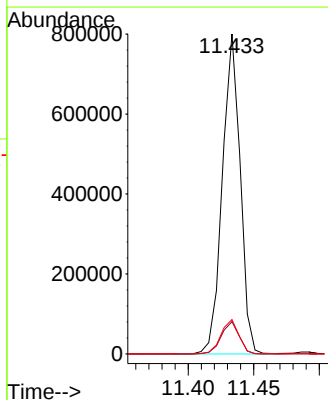
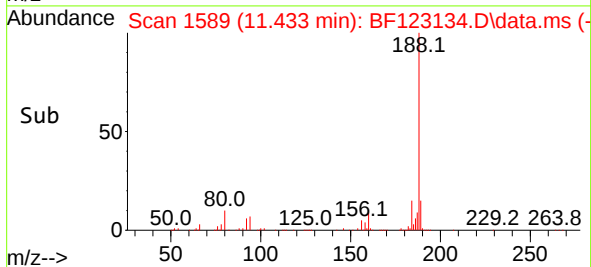
Tgt Ion: 77 Resp: 1195235  
Ion Ratio Lower Upper  
77 100  
182 28.2 5.6 45.6  
105 22.9 1.8 41.8  
51 28.9 8.3 48.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



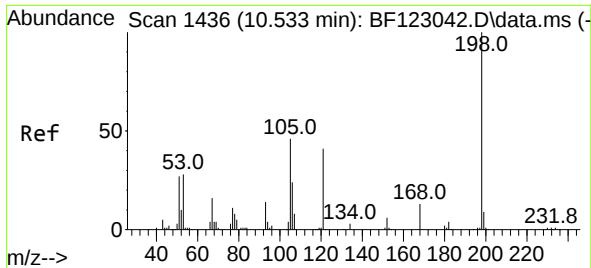
Tgt Ion: 188 Resp: 756400  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.4 11.2  
80 10.7 8.2 12.4



Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

Manual Integrations  
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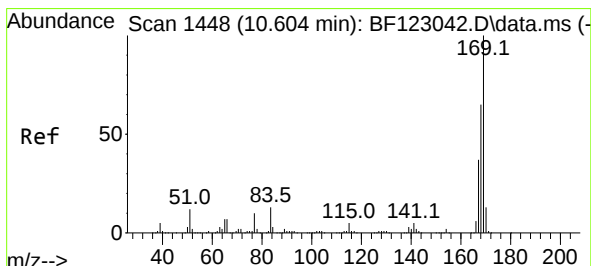
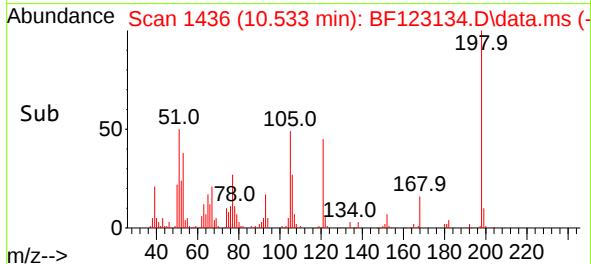
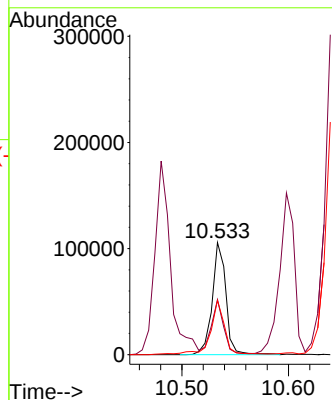
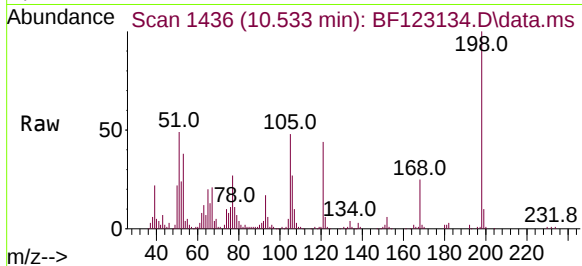
#65  
4,6-Dinitro-2-methylphenol  
Concen: 25.31 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:198 Resp: 94717  
Ion Ratio Lower Upper  
198 100  
51 49.1 20.3 60.3  
105 48.5 23.0 63.0

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

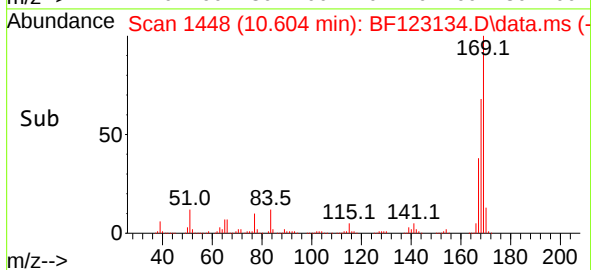
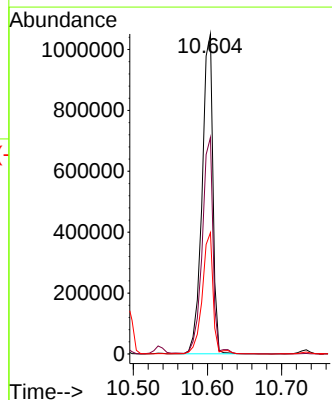
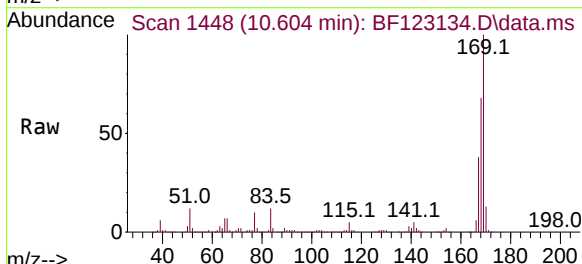
Manual Integrations  
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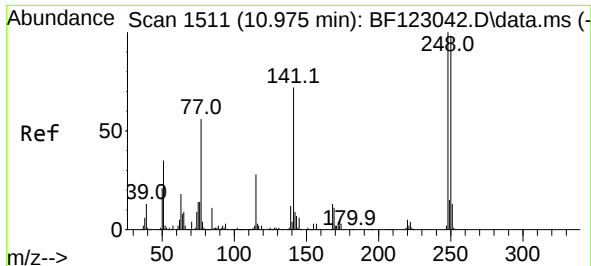
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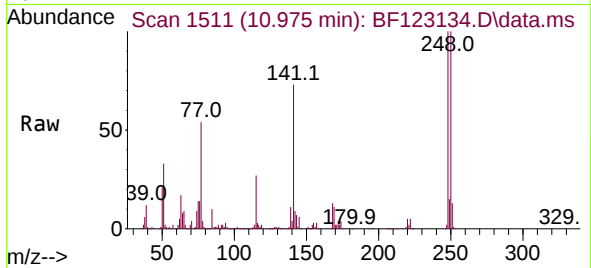
#66  
n-Nitrosodiphenylamine  
Concen: 38.92 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:169 Resp: 1060989  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.2 81.2  
167 37.9 29.2 43.8

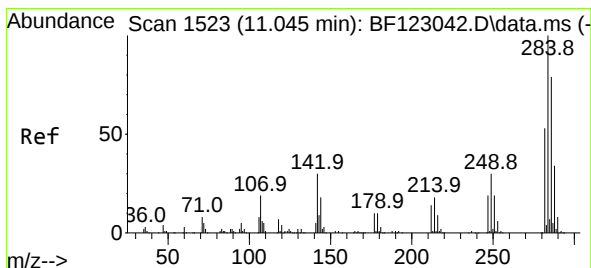
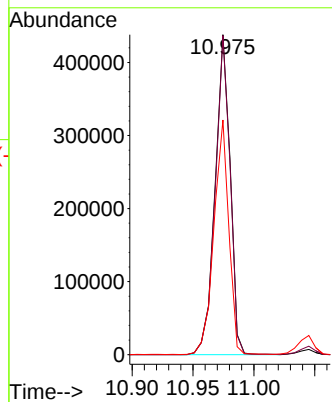
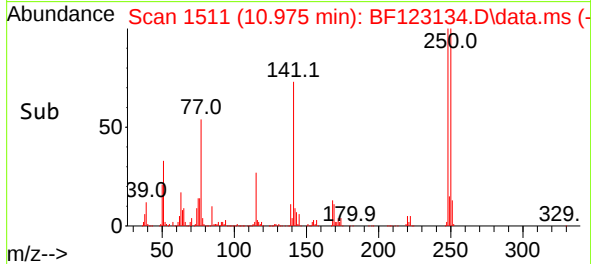




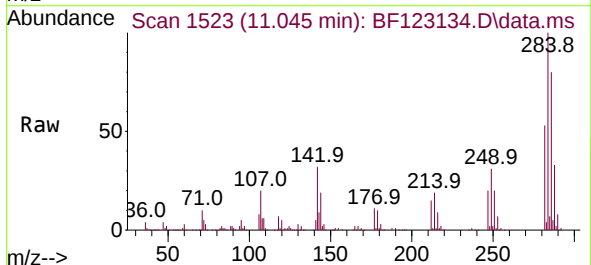
#67  
4-Bromophenyl-phenylether  
Concen: 39.24 ng  
RT: 10.975 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



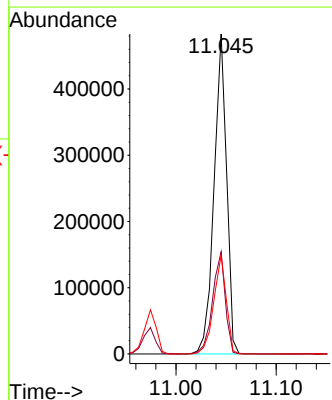
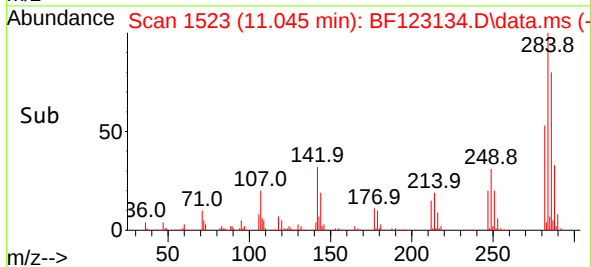
Tgt Ion:248 Resp: 377983  
Ion Ratio Lower Upper  
248 100  
250 99.7 76.8 115.2  
141 73.3 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 40.67 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



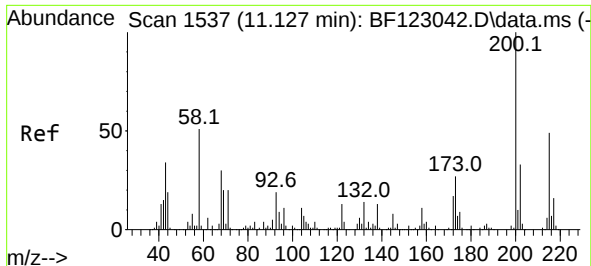
Tgt Ion:284 Resp: 420222  
Ion Ratio Lower Upper  
284 100  
142 32.0 25.6 38.4  
249 30.9 25.1 37.7



Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

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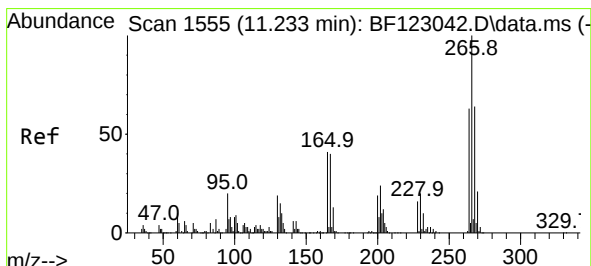
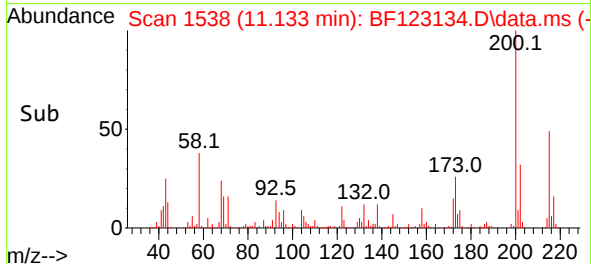
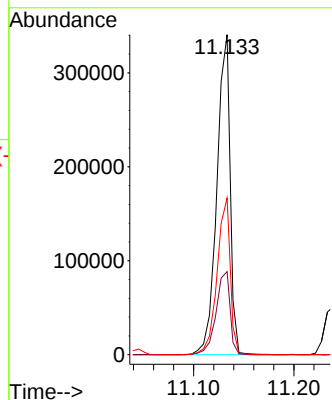
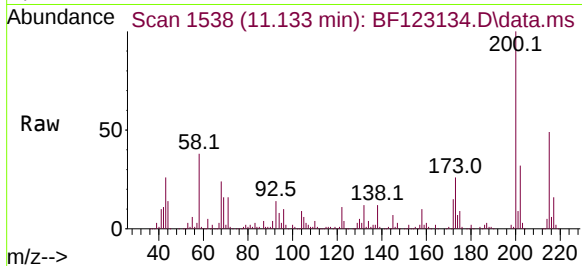
#69  
Atrazine  
Concen: 41.65 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:200 Resp: 313591  
Ion Ratio Lower Upper  
200 100  
173 26.0 6.6 46.6  
215 49.0 28.1 68.1

Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS

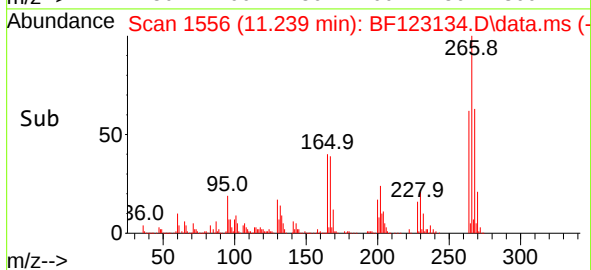
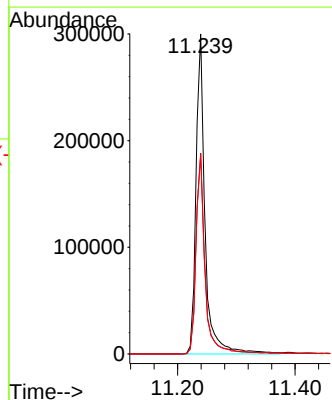
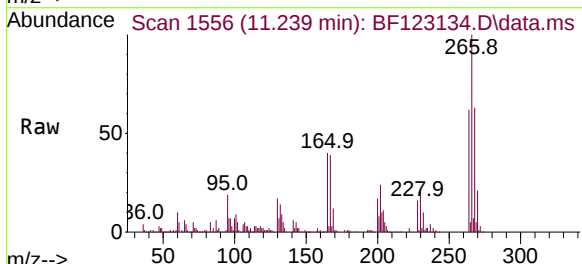
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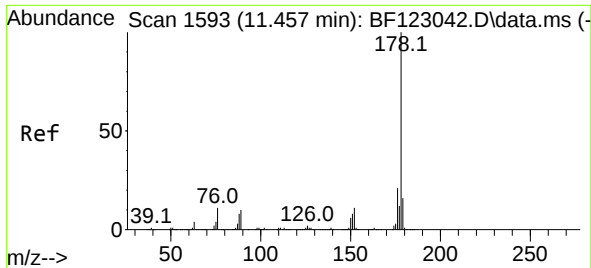
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#70  
Pentachlorophenol  
Concen: 57.13 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:266 Resp: 319939  
Ion Ratio Lower Upper  
266 100  
268 62.7 50.5 75.7  
264 62.4 49.8 74.8





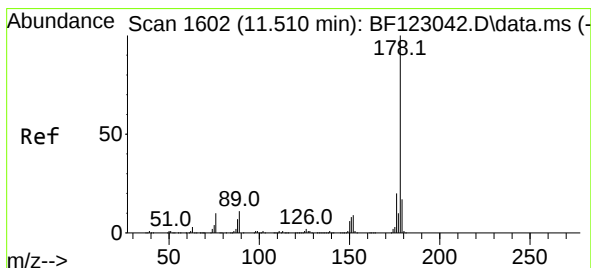
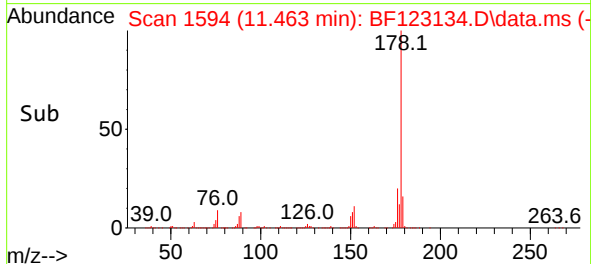
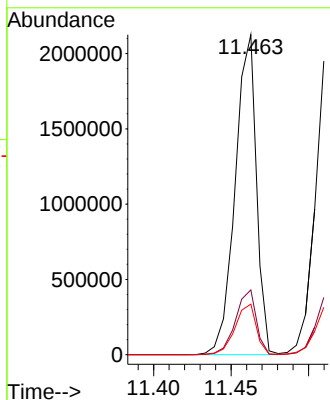
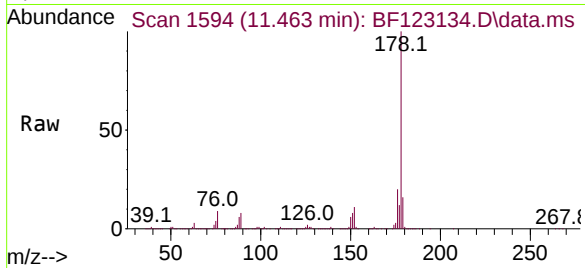
#71  
Phenanthrene  
Concen: 43.19 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:178 Resp: 2029148  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.2  
179 15.8 12.7 19.1

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

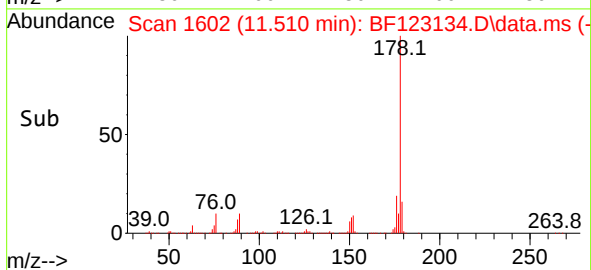
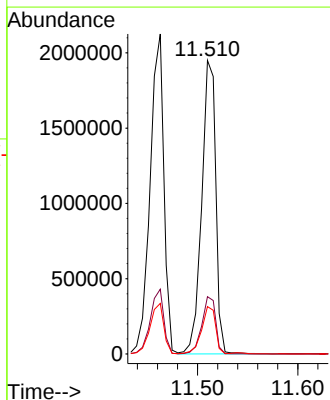
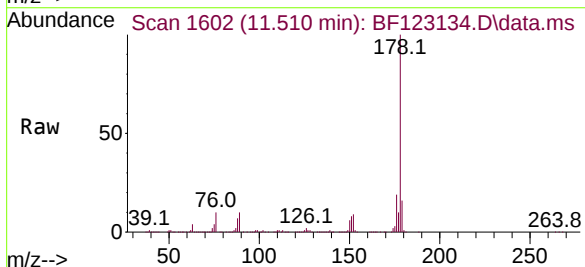
Manual Integrations  
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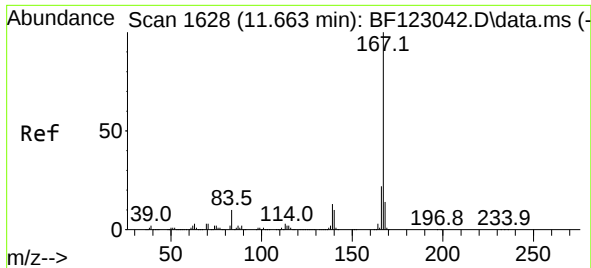
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#72  
Anthracene  
Concen: 42.38 ng  
RT: 11.510 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

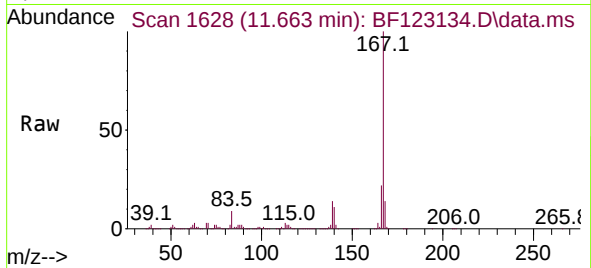
Tgt Ion:178 Resp: 1909826  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 16.1 12.8 19.2





#73  
 Carbazole  
 Concen: 41.82 ng  
 RT: 11.663 min Scan# 1628  
 Delta R.T. -0.000 min  
 Lab File: BF123134.D  
 Acq: 5 Feb 2021 14:27

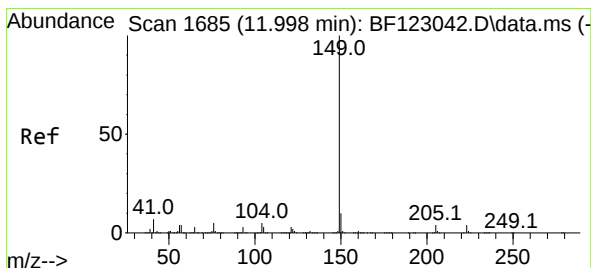
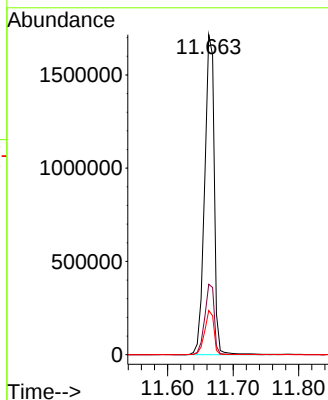
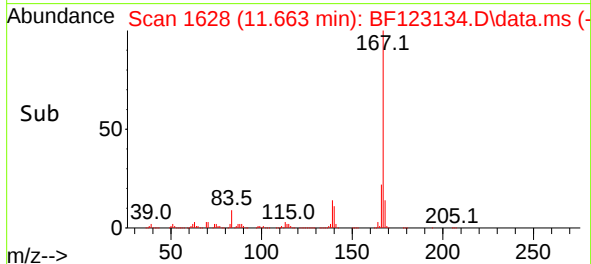
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1MS



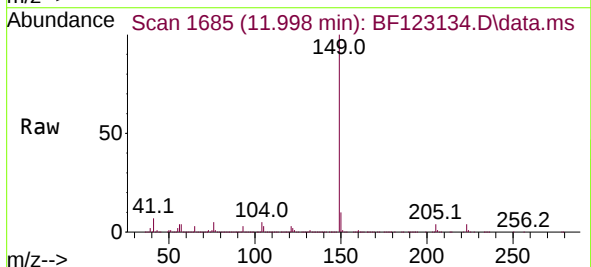
Tgt Ion:167 Resp: 1749219  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.0 27.0  
 139 13.8 10.9 16.3

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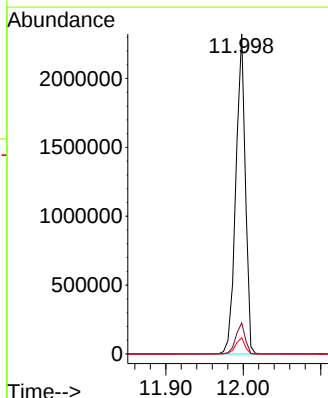
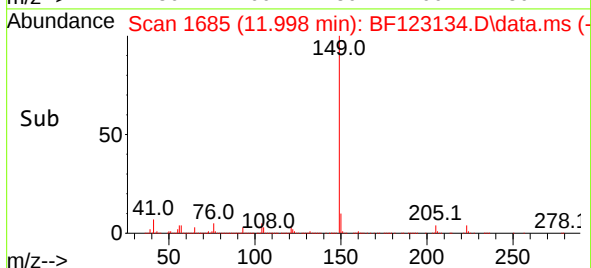
mohammad  
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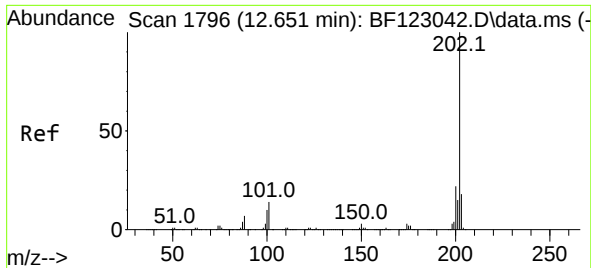


#74  
 Di-n-butylphthalate  
 Concen: 39.98 ng  
 RT: 11.998 min Scan# 1685  
 Delta R.T. -0.000 min  
 Lab File: BF123134.D  
 Acq: 5 Feb 2021 14:27

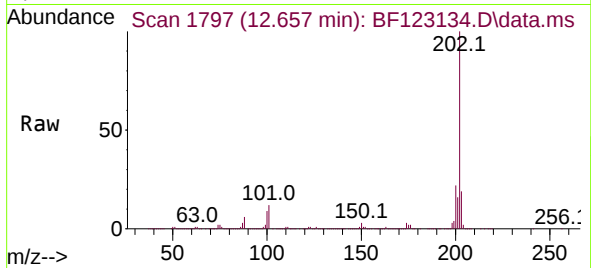


Tgt Ion:149 Resp: 1982739  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.6  
 104 5.0 4.2 6.4

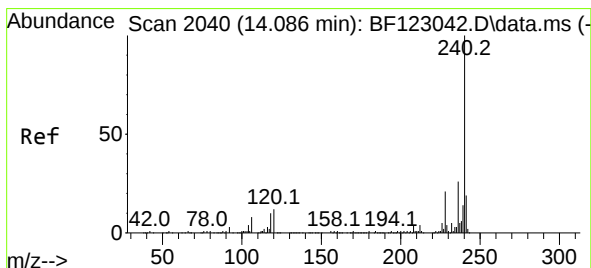
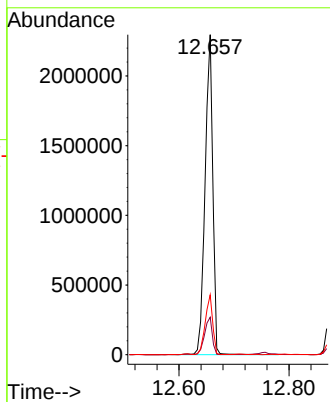
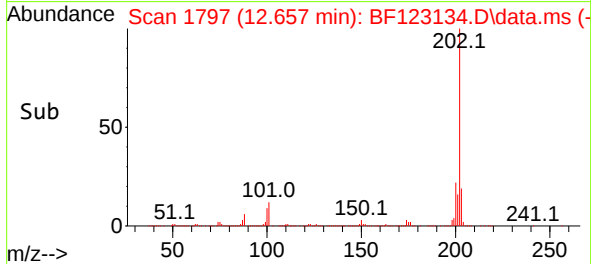




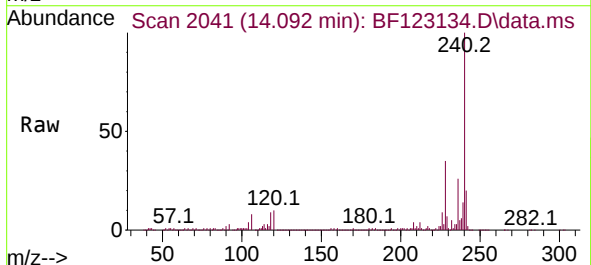
#75  
Fluoranthene  
Concen: 47.27 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



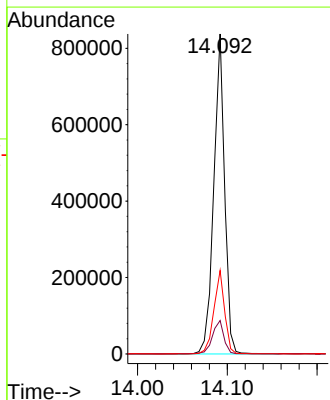
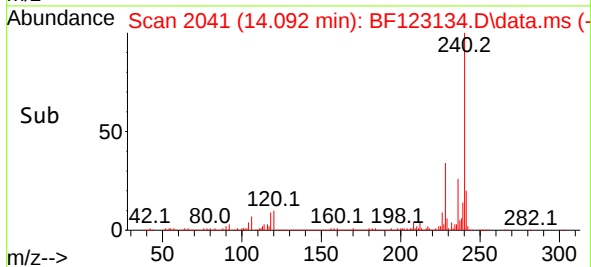
Tgt Ion:202 Resp: 2219664  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 32.2  
203 18.7 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



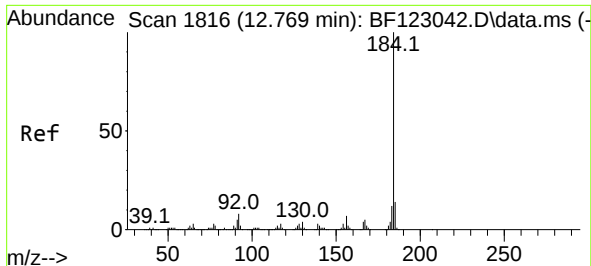
Tgt Ion:240 Resp: 704090  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 12.8  
236 26.1 20.3 30.5



Instrument :  
BNA\_F  
ClientSampleId :  
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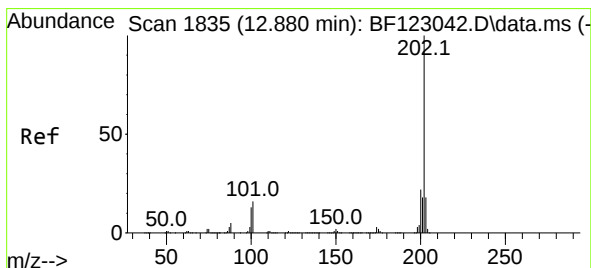
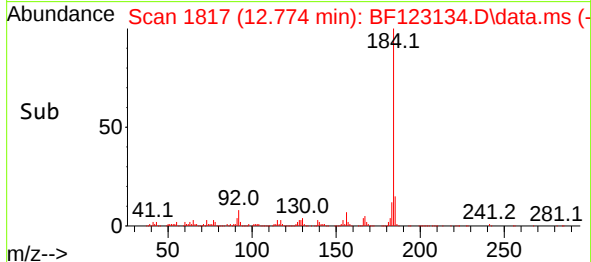
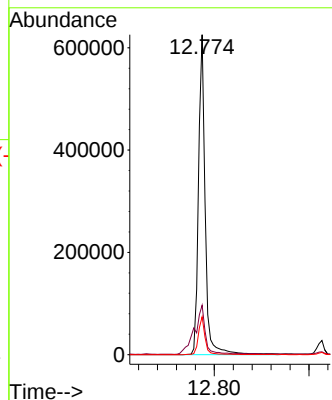
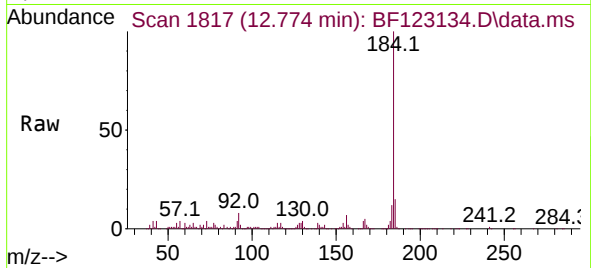
#77  
Benzidine  
Concen: 38.62 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:184 Resp: 615274  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.8 17.6  
183 11.9 9.7 14.5

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

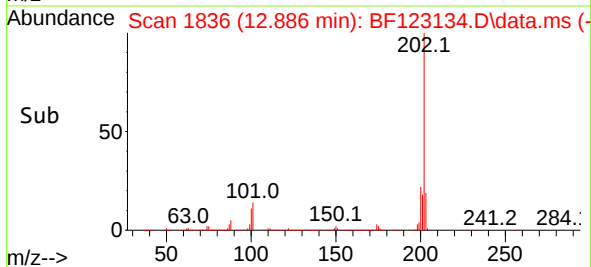
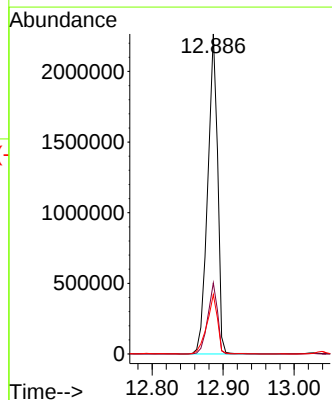
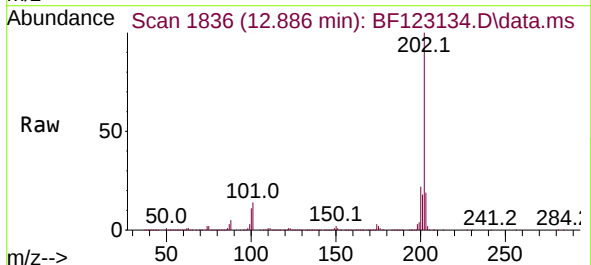
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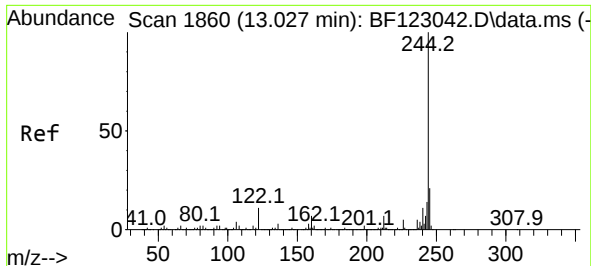
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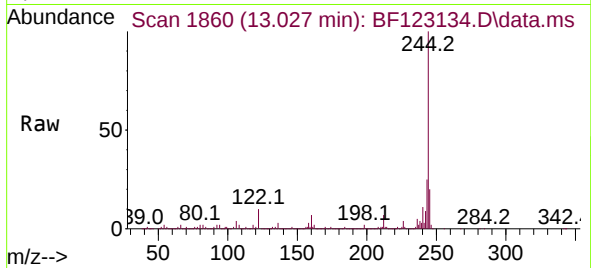
#78  
Pyrene  
Concen: 41.39 ng  
RT: 12.886 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:202 Resp: 2199788  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.6 26.4  
203 18.6 14.6 21.8



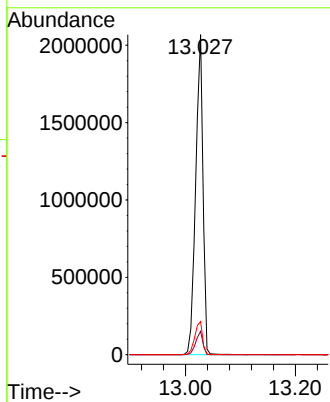
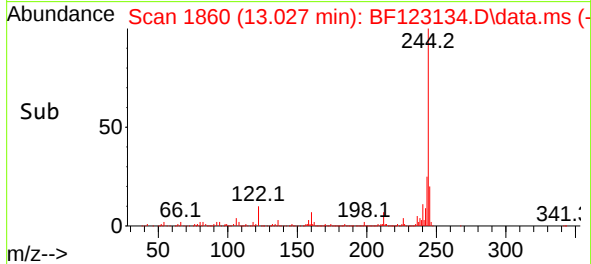


#79  
 Terphenyl-d14  
 Concen: 53.16 ng  
 RT: 13.027 min Scan# 1860  
 Delta R.T. -0.000 min  
 Lab File: BF123134.D  
 Acq: 5 Feb 2021 14:27



Tgt Ion:244 Resp: 1905083  

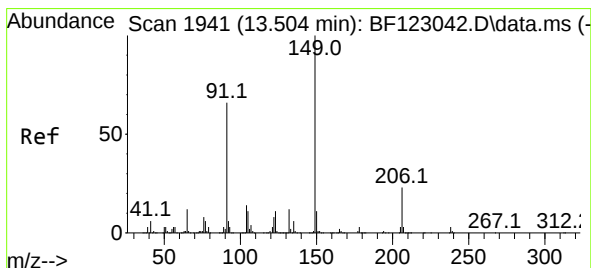
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 5.7   | 8.5   |
| 122 | 10.4  | 8.3   | 12.5  |



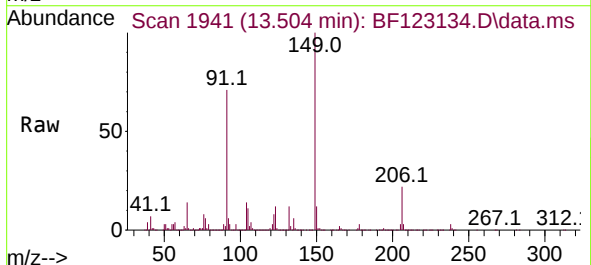
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1MS

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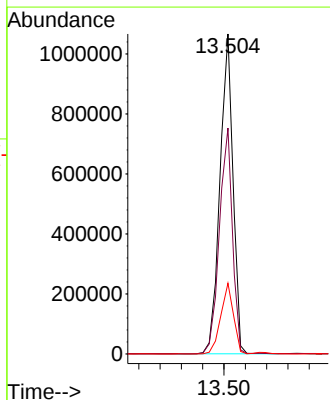
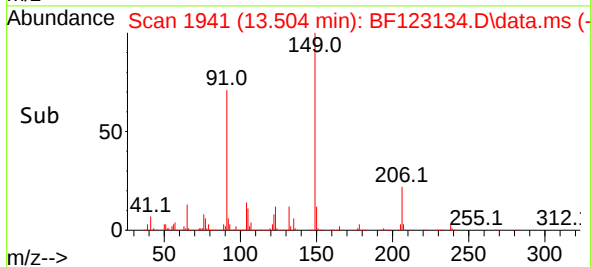


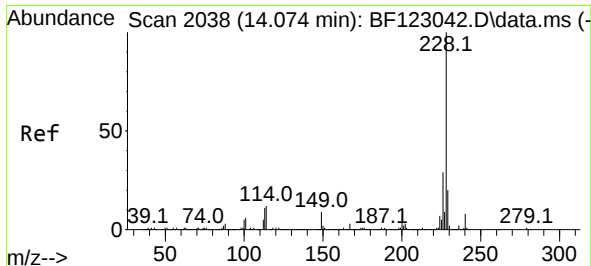
#80  
 Butylbenzylphthalate  
 Concen: 39.58 ng  
 RT: 13.504 min Scan# 1941  
 Delta R.T. -0.000 min  
 Lab File: BF123134.D  
 Acq: 5 Feb 2021 14:27



Tgt Ion:149 Resp: 905172  

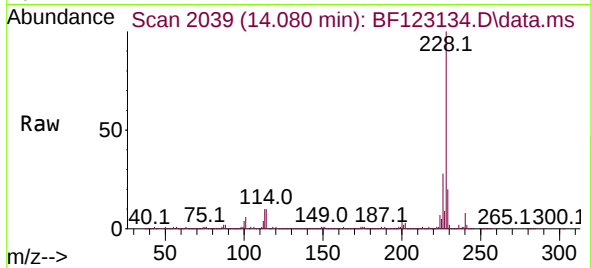
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.6  | 56.5  | 84.7  |
| 206 | 22.1  | 17.0  | 25.6  |





#81  
Benzo(a)anthracene  
Concen: 43.30 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

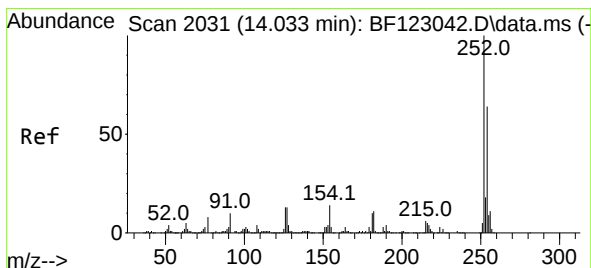
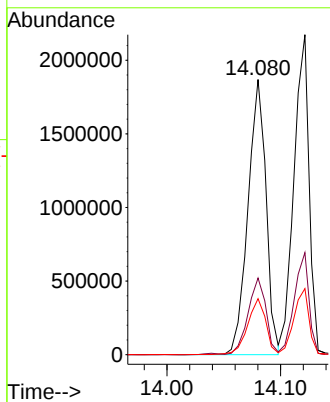
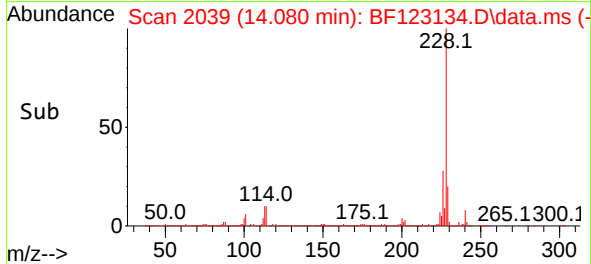
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



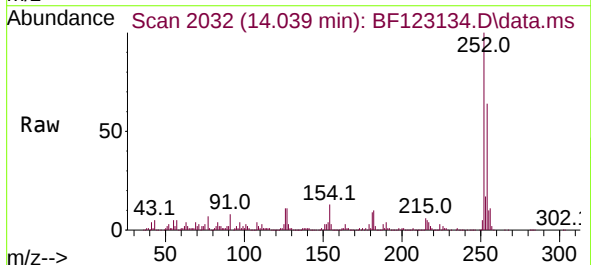
Tgt Ion:228 Resp: 2063384  
Ion Ratio Lower Upper  
228 100  
226 27.8 23.0 34.4  
229 20.3 16.6 24.8

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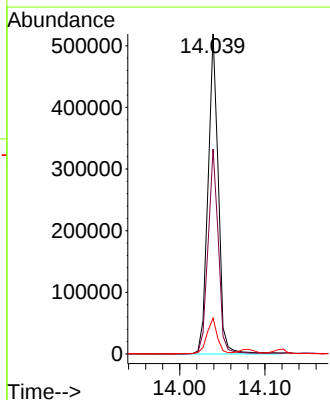
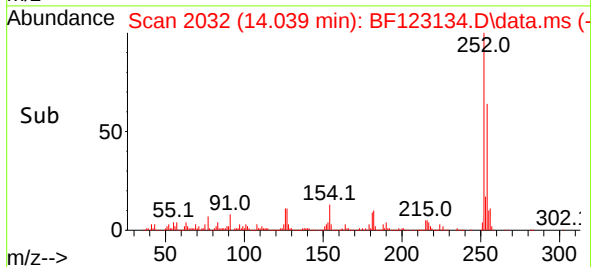
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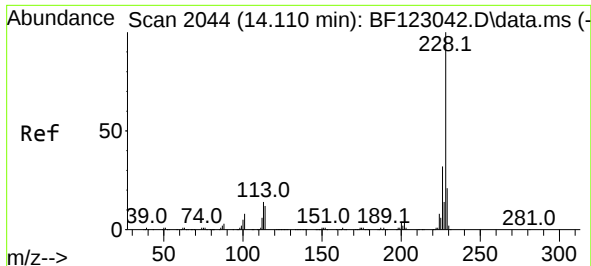


#82  
3,3'-Dichlorobenzidine  
Concen: 29.04 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:252 Resp: 435495  
Ion Ratio Lower Upper  
252 100  
254 64.1 52.7 79.1  
126 11.2 8.0 12.0





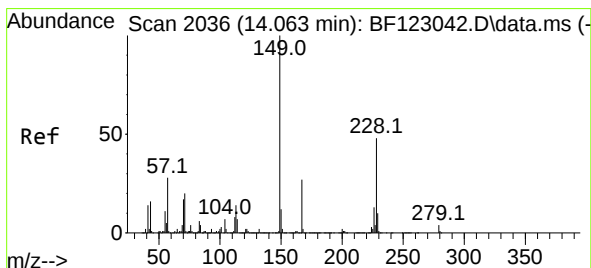
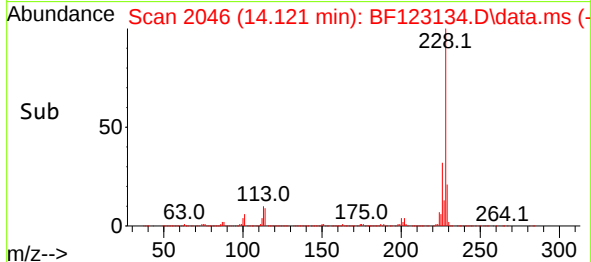
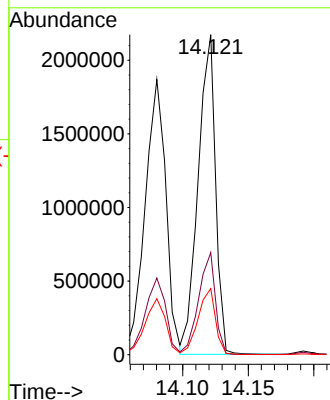
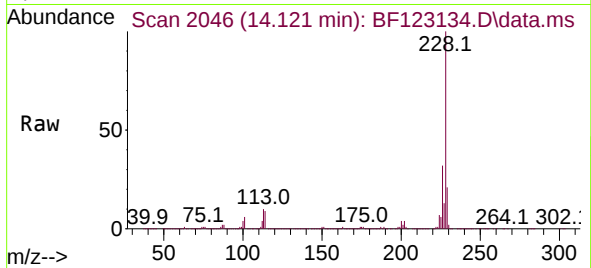
#83  
Chrysene  
Concen: 42.22 ng  
RT: 14.121 min Scan# 2046  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

Tgt Ion:228 Resp: 2013376  
Ion Ratio Lower Upper  
228 100  
226 31.9 24.6 36.8  
229 20.7 15.8 23.6

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS

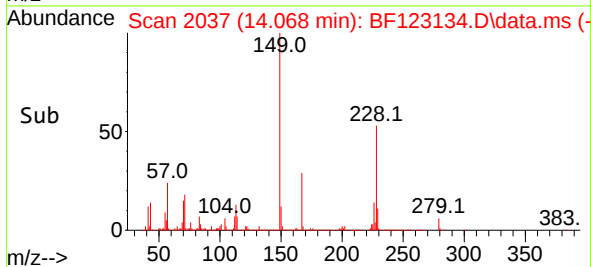
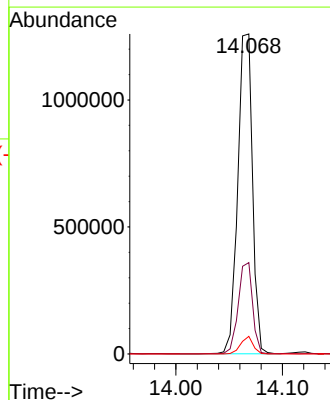
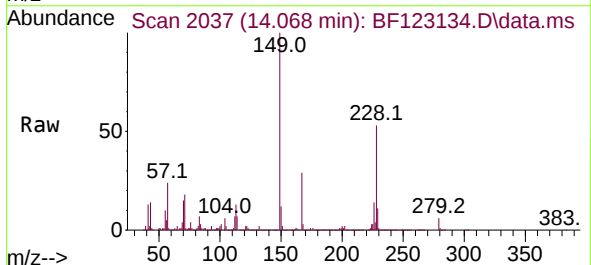
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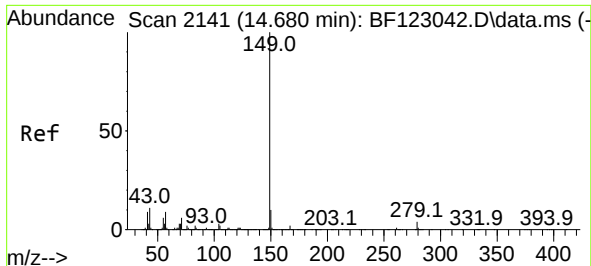
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.96 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

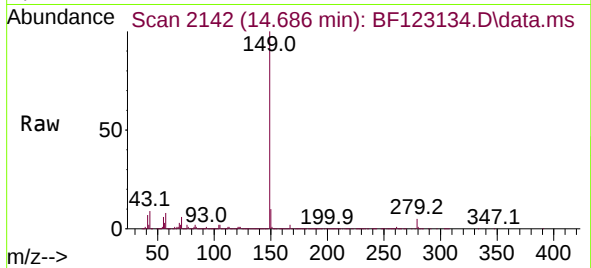
Tgt Ion:149 Resp: 1214339  
Ion Ratio Lower Upper  
149 100  
167 28.6 21.4 32.2  
279 5.5 3.4 5.0#





#85  
Di-n-octyl phthalate  
Concen: 42.28 ng  
RT: 14.686 min Scan# 2142  
Delta R.T. 0.006 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

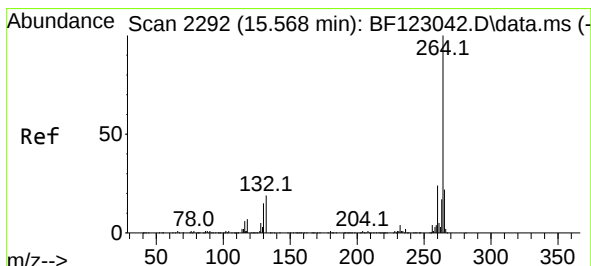
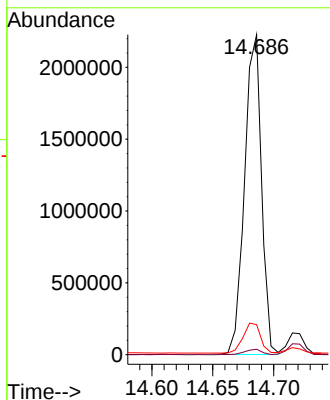
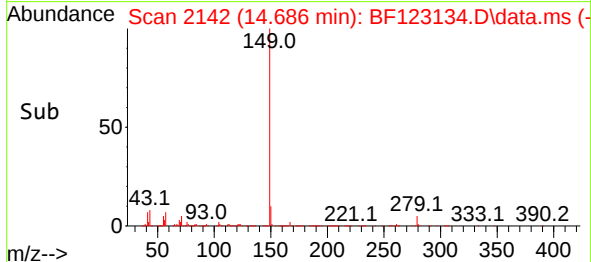
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



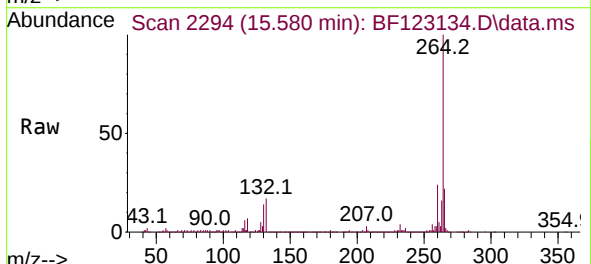
Tgt Ion:149 Resp: 2158101  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 7.6 11.4

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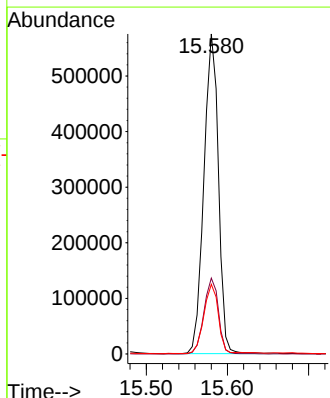
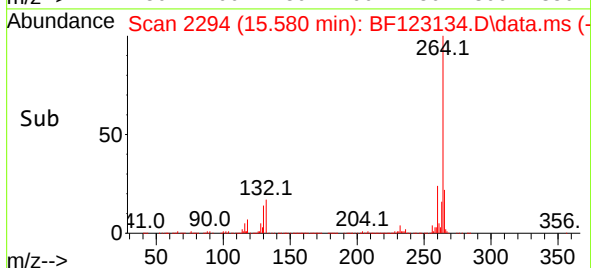
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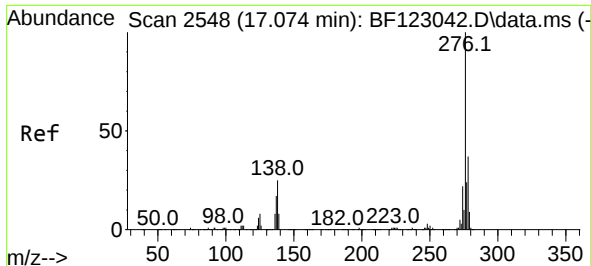


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



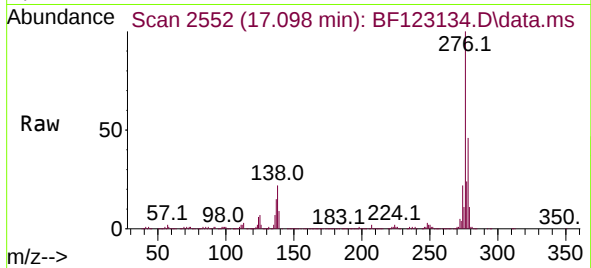
Tgt Ion:264 Resp: 712478  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 21.8 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.08 ng  
RT: 17.098 min Scan# 2552  
Delta R.T. 0.024 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

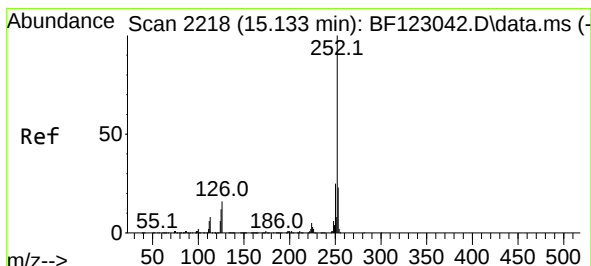
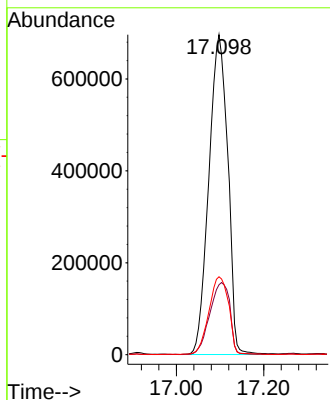
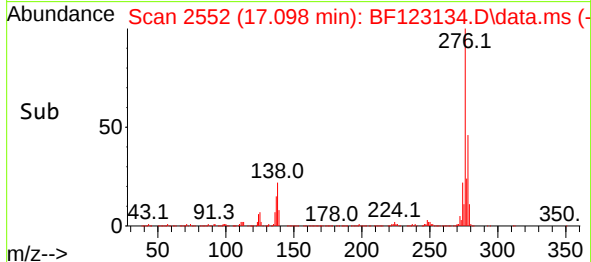
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



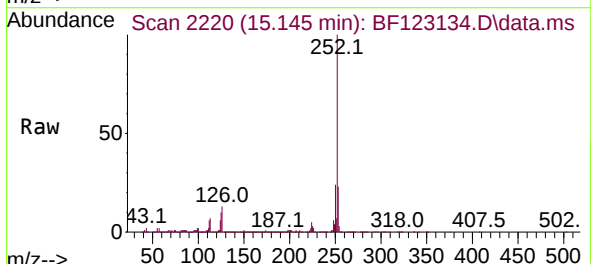
Tgt Ion:276 Resp: 2091308  
Ion Ratio Lower Upper  
276 100  
138 23.9 18.7 28.1  
277 25.4 20.2 30.4

Manual Integrations  
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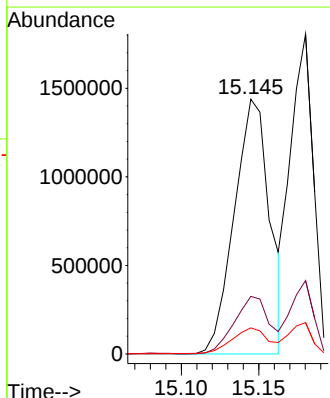
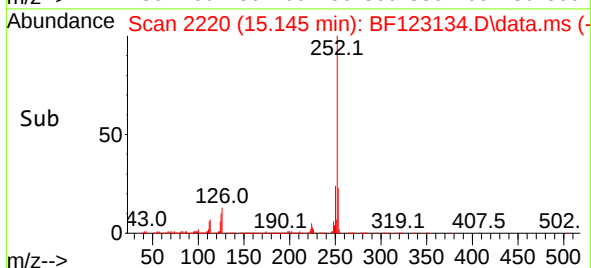
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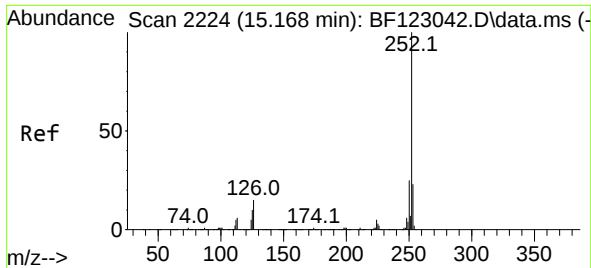


#88  
Benzo(b)fluoranthene  
Concen: 44.44 ng  
RT: 15.145 min Scan# 2220  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



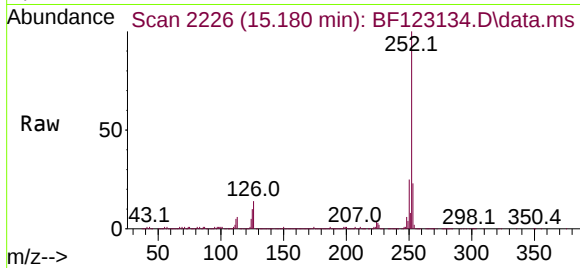
Tgt Ion:252 Resp: 2285347  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.3 27.5  
125 10.3 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 38.97 ng  
RT: 15.180 min Scan# 2226  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

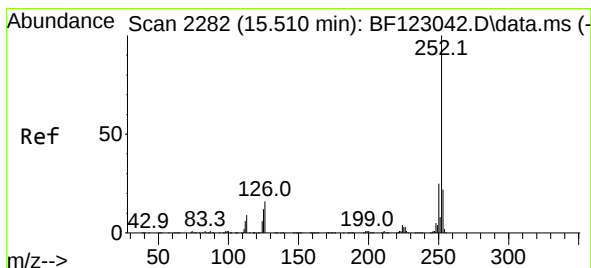
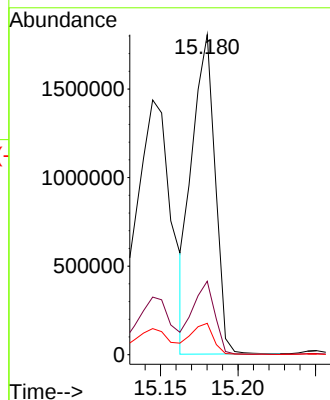
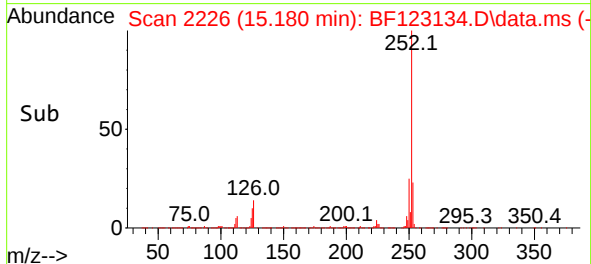
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1MS



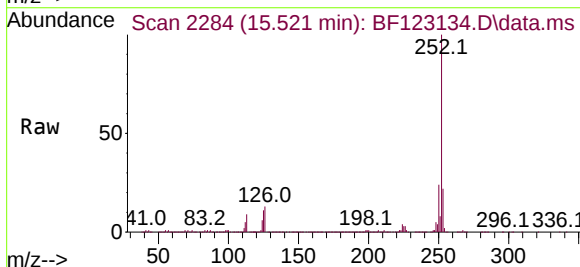
Tgt Ion:252 Resp: 1862063  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.8 26.8  
125 9.8 8.4 12.6

Manual Integrations  
APPROVED

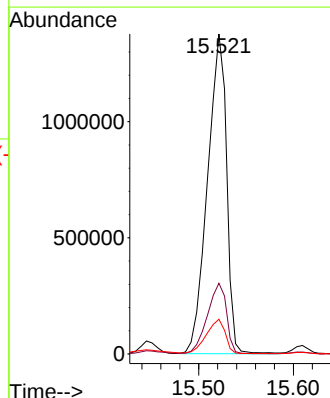
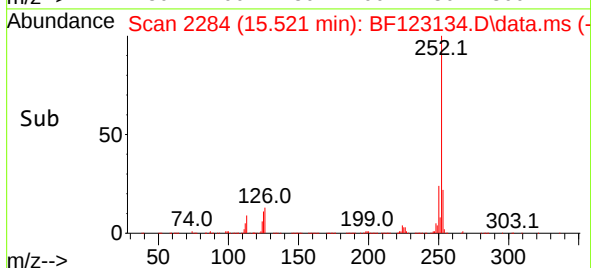
mohammad  
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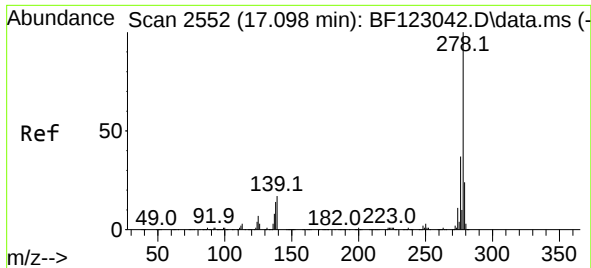


#90  
Benzo(a)pyrene  
Concen: 42.62 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. 0.012 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



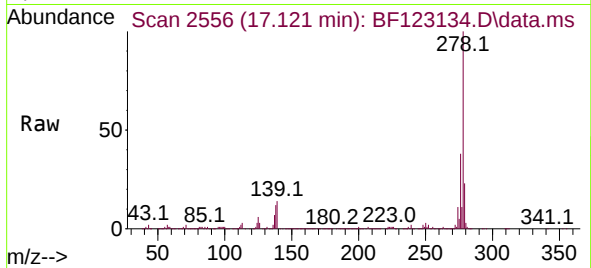
Tgt Ion:252 Resp: 1924751  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 10.9 8.6 12.8





#91  
Dibenzo(a,h)anthracene  
Concen: 43.92 ng  
RT: 17.121 min Scan# 2556  
Delta R.T. 0.024 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27

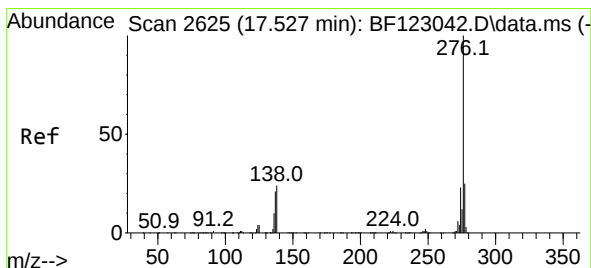
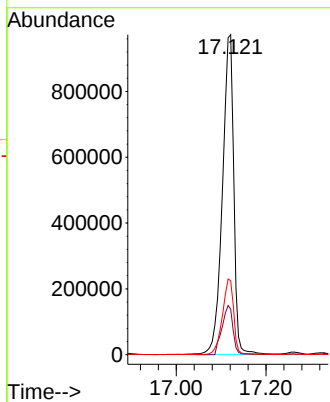
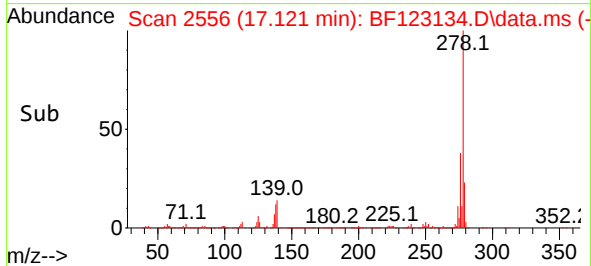
Instrument :  
BNA\_F  
ClientSampled :  
SP-1MS



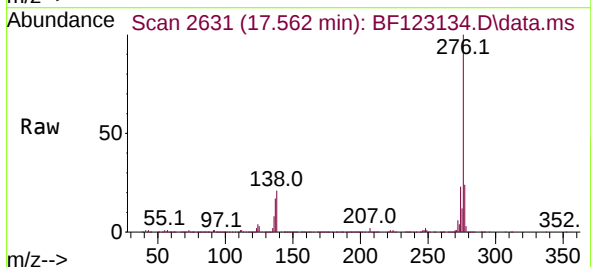
Tgt Ion:278 Resp: 1715213  
Ion Ratio Lower Upper  
278 100  
139 14.3 12.0 18.0  
279 23.1 19.4 29.2

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 44.12 ng  
RT: 17.562 min Scan# 2631  
Delta R.T. 0.035 min  
Lab File: BF123134.D  
Acq: 5 Feb 2021 14:27



Tgt Ion:276 Resp: 1669739  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.3 28.9  
138 20.8 16.6 24.8

