

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022023\  
 Data File : BF132472.D  
 Acq On : 20 Feb 2023 10:54  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023  
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 20 11:46:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 18 00:58:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.025  | 152  | 265746   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.313  | 136  | 941241   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.078 | 164  | 506435   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.572 | 188  | 970024   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.236 | 240  | 574391   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.795 | 264  | 511609   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.648  | 112  | 1262012  | 76.095 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.654  | 99   | 1674314  | 77.316 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.595  | 82   | 1579146  | 80.614 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.872 | 330  | 421247   | 83.367 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.389  | 172  | 2336937  | 71.262 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.166 | 244  | 2665808  | 84.524 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.907  | 88   | 357679   | 39.867 | ng    | 99       |
| 3) Pyridine                   | 3.678  | 79   | 975563   | 40.059 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.649  | 42   | 377303   | 39.239 | ng    | 92       |
| 6) Aniline                    | 6.695  | 93   | 1194092  | 39.580 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.813  | 128  | 667425   | 39.420 | ng    | 97       |
| 9) Benzaldehyde               | 6.578  | 77   | 403923   | 34.886 | ng    | 100      |
| 10) Phenol                    | 6.666  | 94   | 904799   | 39.426 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.760  | 93   | 769489   | 39.529 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.972  | 146  | 708514   | 38.414 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.048  | 146  | 705174   | 38.327 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.201  | 146  | 639305   | 37.926 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.166  | 79   | 662944   | 41.387 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.301  | 45   | 1027161  | 37.949 | ng    | 97       |
| 17) 2-Methylphenol            | 7.272  | 107  | 635662   | 39.439 | ng    | 99       |
| 18) Hexachloroethane          | 7.542  | 117  | 281970   | 40.589 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.442  | 70   | 507043   | 38.193 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.431  | 107  | 751335   | 37.756 | ng    | # 72     |
| 22) Acetophenone              | 7.437  | 105  | 904534   | 37.080 | ng    | 97       |
| 24) Nitrobenzene              | 7.613  | 77   | 850920   | 39.620 | ng    | 99       |
| 25) Isophorone                | 7.848  | 82   | 1533992  | 39.852 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.931  | 139  | 375425   | 44.967 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.960  | 122  | 602376m  | 39.961 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 8.054  | 93   | 902455   | 40.119 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.172  | 162  | 568308   | 39.962 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.254  | 180  | 626925   | 39.639 | ng    | 97       |
| 31) Naphthalene               | 8.337  | 128  | 1856871  | 38.014 | ng    | 99       |
| 32) Benzoic acid              | 8.078  | 122  | 429752m  | 40.748 | ng    |          |
| 33) 4-Chloroaniline           | 8.384  | 127  | 774558   | 38.166 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.448  | 225  | 396150   | 39.675 | ng    | 99       |
| 35) Caprolactam               | 8.766  | 113  | 201866   | 43.724 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.860  | 107  | 648448   | 40.751 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 9.031  | 142  | 1274332  | 38.764 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.131  | 142  | 1191653  | 38.584 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.195  | 216  | 642785   | 39.170 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.178  | 237  | 364006   | 40.386 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.307  | 196  | 445239   | 41.188 | ng    | 100      |

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Manual Integrations  
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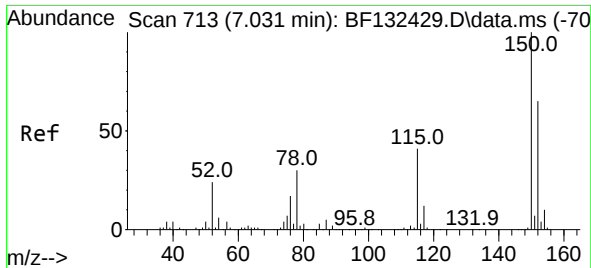
Reviewed By : Christian Giraldo 02/21/2023  
 Supervised By : Jagrut Upadhyay 02/21/2023

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.348  | 196  | 517609   | 41.110 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.495  | 154  | 1473659  | 37.596 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.525  | 162  | 1177374  | 38.269 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.619  | 65   | 443201   | 41.058 | ng    | 93       |
| 49) Acenaphthylene            | 9.942  | 152  | 1865155  | 38.157 | ng    | 99       |
| 50) Dimethylphthalate         | 9.795  | 163  | 1470629  | 39.433 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.860  | 165  | 335275   | 41.338 | ng    | 93       |
| 52) Acenaphthene              | 10.113 | 154  | 1191619  | 39.172 | ng    | 99       |
| 53) 3-Nitroaniline            | 10.031 | 138  | 381593   | 40.979 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 10.136 | 184  | 209187   | 44.002 | ng    | 97       |
| 55) Dibenzofuran              | 10.283 | 168  | 1709124  | 37.868 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.183 | 139  | 282071   | 41.752 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.266 | 165  | 447016   | 41.869 | ng    | 98       |
| 58) Fluorene                  | 10.631 | 166  | 1306507  | 38.288 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.401 | 232  | 398286   | 41.855 | ng    | 97       |
| 60) Diethylphthalate          | 10.495 | 149  | 1420949  | 38.759 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.619 | 204  | 685314   | 38.351 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.654 | 138  | 348270   | 40.081 | ng    | 93       |
| 63) Azobenzene                | 10.778 | 77   | 1553087  | 38.287 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.678 | 198  | 273417   | 45.337 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.736 | 169  | 1181519  | 39.685 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.113 | 248  | 434257   | 40.846 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.183 | 284  | 445487   | 40.086 | ng    | 95       |
| 69) Atrazine                  | 11.266 | 200  | 375147   | 40.937 | ng    | 98       |
| 70) Pentachlorophenol         | 11.378 | 266  | 299943   | 43.411 | ng    | 99       |
| 71) Phenanthrene              | 11.601 | 178  | 1902804  | 38.086 | ng    | 99       |
| 72) Anthracene                | 11.654 | 178  | 1953296  | 38.032 | ng    | 99       |
| 73) Carbazole                 | 11.807 | 167  | 1778744  | 38.475 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.125 | 149  | 2161937  | 39.261 | ng    | 99       |
| 75) Fluoranthene              | 12.795 | 202  | 2112226  | 37.910 | ng    | 98       |
| 77) Benzidine                 | 12.913 | 184  | 357136   | 29.199 | ng    | 98       |
| 78) Pyrene                    | 13.030 | 202  | 2116538  | 43.377 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.636 | 149  | 853423   | 46.872 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.224 | 228  | 1691716  | 40.213 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.183 | 252  | 476217   | 42.380 | ng    | # 97     |
| 83) Chrysene                  | 14.266 | 228  | 1558742  | 38.780 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.189 | 149  | 997984   | 42.341 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.818 | 149  | 1481894  | 43.299 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.424 | 276  | 1543733  | 47.203 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.330 | 252  | 1312461  | 39.010 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.360 | 252  | 1296326  | 38.503 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.730 | 252  | 1270090  | 40.622 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.442 | 278  | 1260177  | 46.784 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.918 | 276  | 1331901  | 48.148 | ng    | 97       |

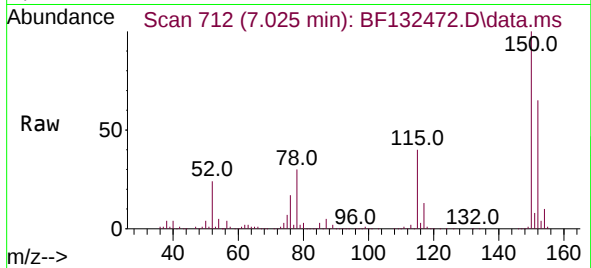
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.025 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

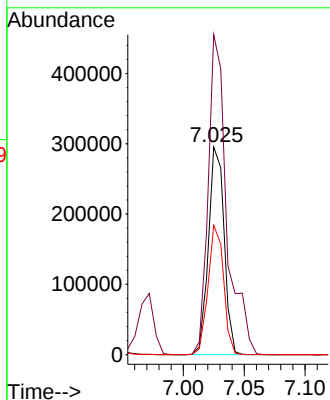
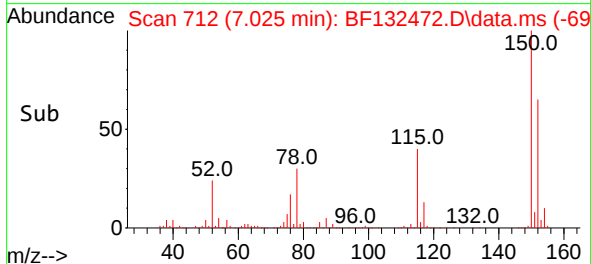
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 265746  
Ion Ratio Lower Upper  
152 100  
150 154.1 123.8 185.8  
115 62.3 50.4 75.6

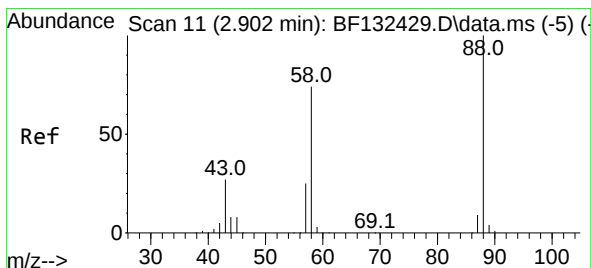
Manual Integrations  
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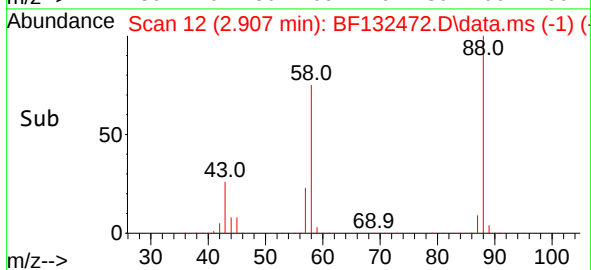
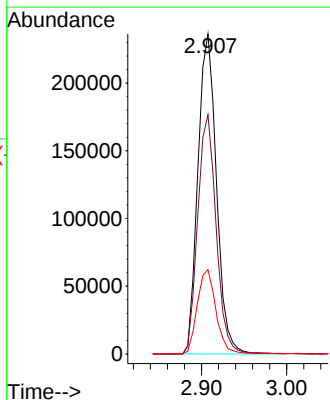
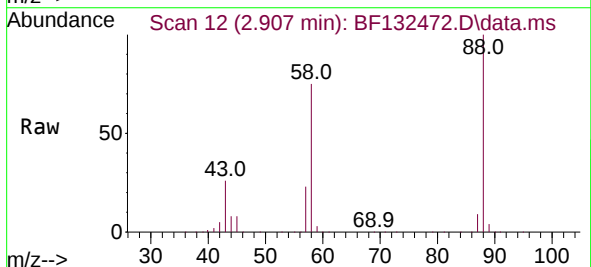
02/21/2023  
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Upadhyay

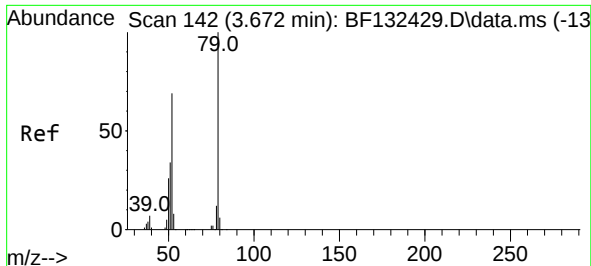
02/21/2023



#2  
1,4-Dioxane  
Concen: 39.867 ng  
RT: 2.907 min Scan# 12  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

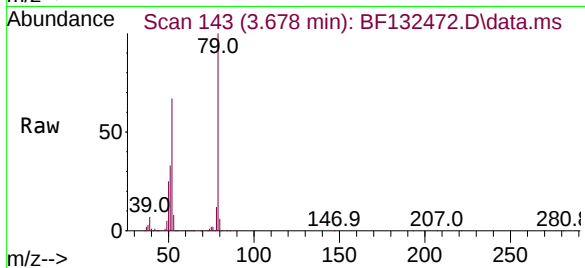
Tgt Ion: 88 Resp: 357679  
Ion Ratio Lower Upper  
88 100  
58 74.1 60.1 90.1  
43 26.2 21.5 32.3





#3  
Pyridine  
Concen: 40.059 ng  
RT: 3.678 min Scan# 142  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

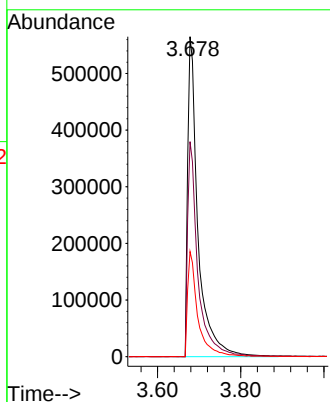
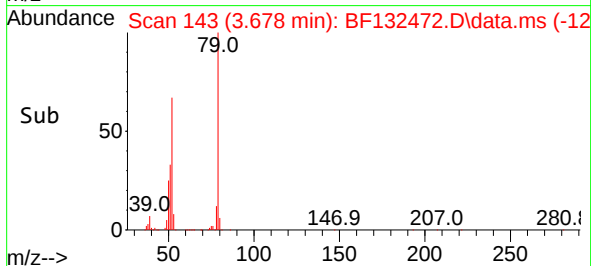
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 975563  
Ion Ratio Lower Upper  
79 100  
52 67.2 55.0 82.6  
51 32.8 27.0 40.6

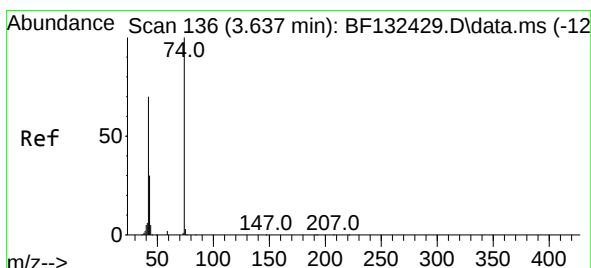
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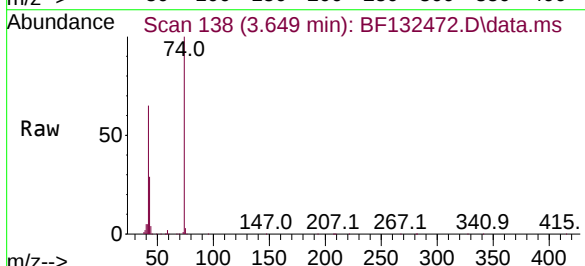


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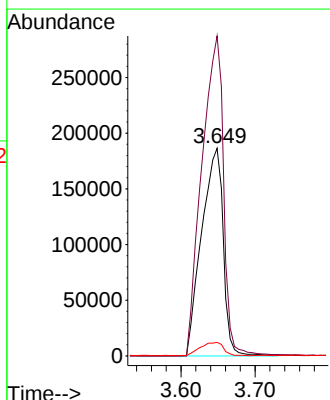
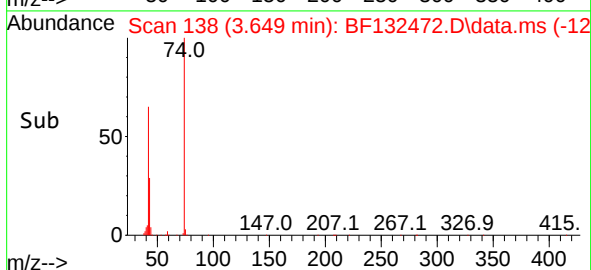
02/21/2023

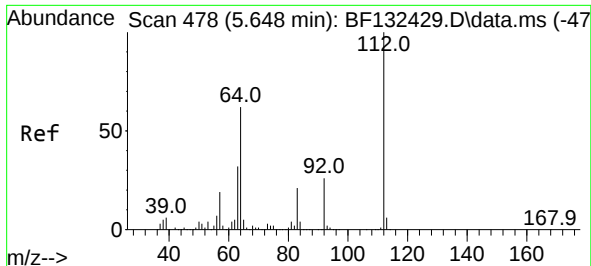


#4  
n-Nitrosodimethylamine  
Concen: 39.239 ng  
RT: 3.649 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



Tgt Ion: 42 Resp: 377303  
Ion Ratio Lower Upper  
42 100  
74 154.1 115.1 172.7  
44 6.5 5.7 8.5





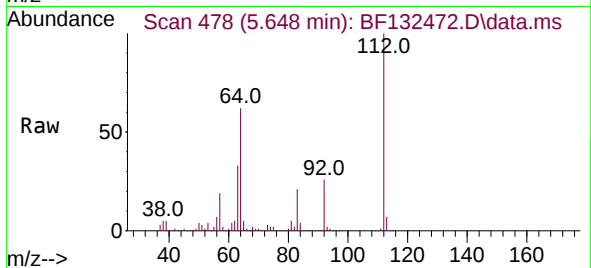
#5  
2-Fluorophenol  
Concen: 76.095 ng  
RT: 5.648 min Scan# 478  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

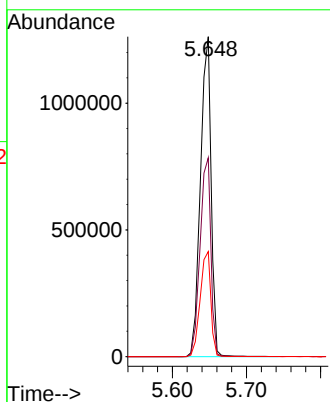
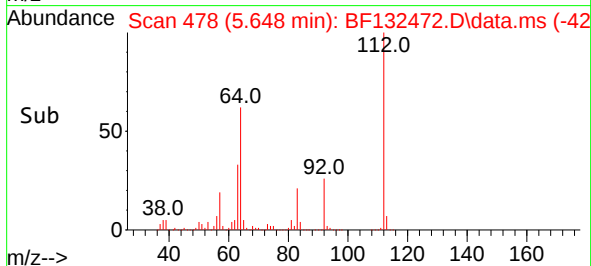
SSTDCCC040



Tgt Ion:112 Resp: 1262012  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.7 74.5  
63 32.8 25.8 38.8

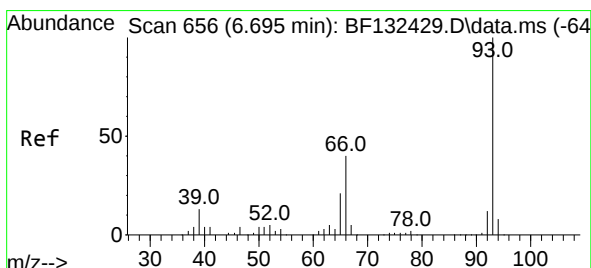
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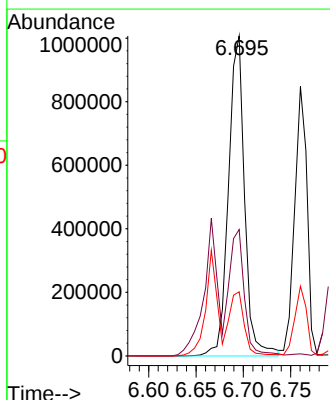
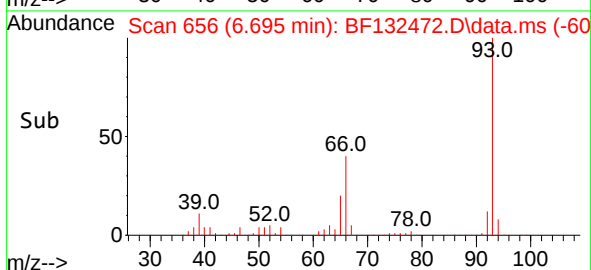
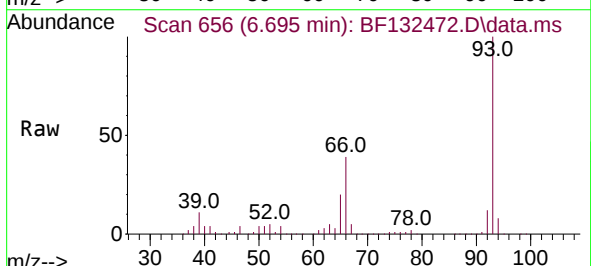
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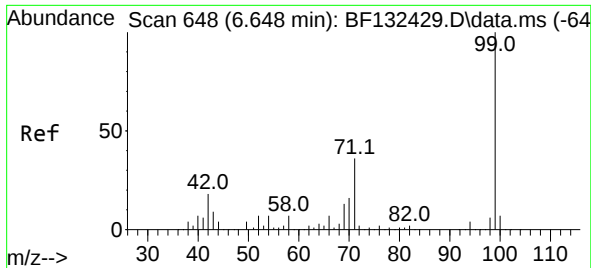
02/21/2023



#6  
Aniline  
Concen: 39.580 ng  
RT: 6.695 min Scan# 656  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

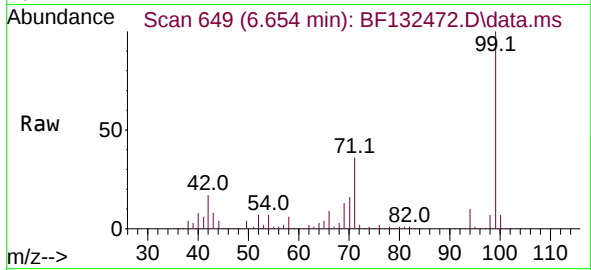
Tgt Ion: 93 Resp: 1194092  
Ion Ratio Lower Upper  
93 100  
66 39.5 32.7 49.1  
65 20.0 17.1 25.7





#7  
Phenol-d6  
Concen: 77.316 ng  
RT: 6.654 min Scan# 648  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

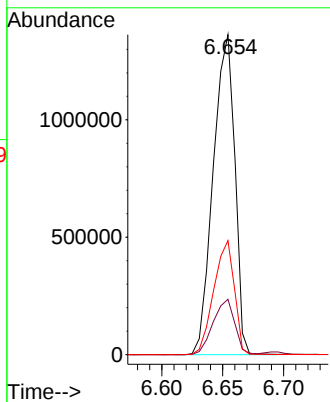
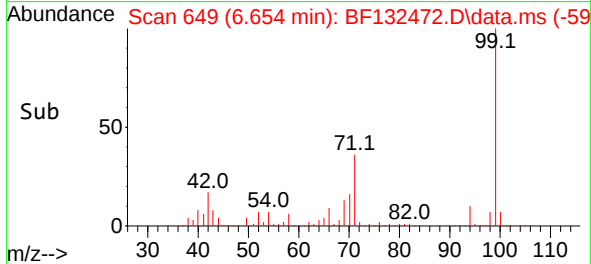
Instrument :  
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Tgt Ion: 99 Resp: 1674314  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 21.8  
71 35.6 28.7 43.1

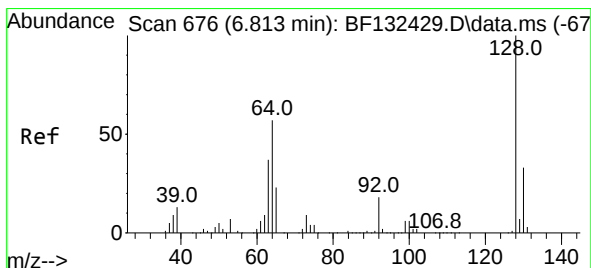
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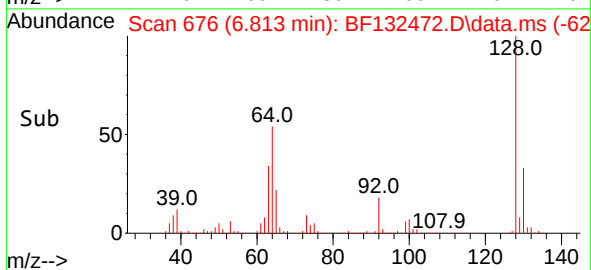
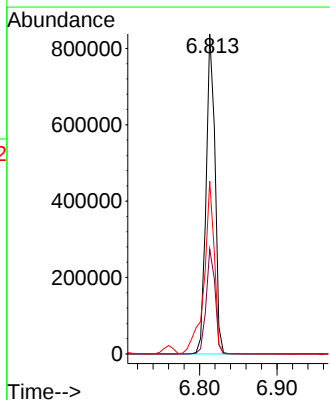
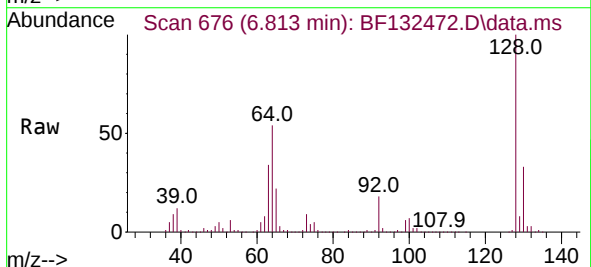
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Supervised By :Jagrut  
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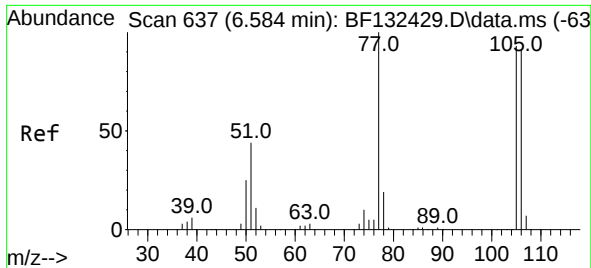
02/21/2023



#8  
2-Chlorophenol  
Concen: 39.420 ng  
RT: 6.813 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:128 Resp: 667425  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.0 53.0  
64 54.0 37.9 77.9





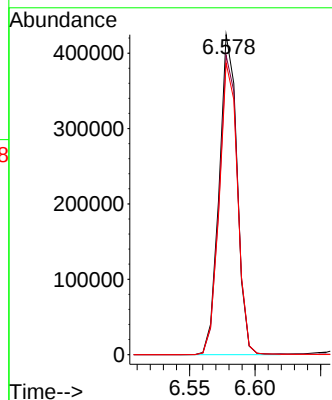
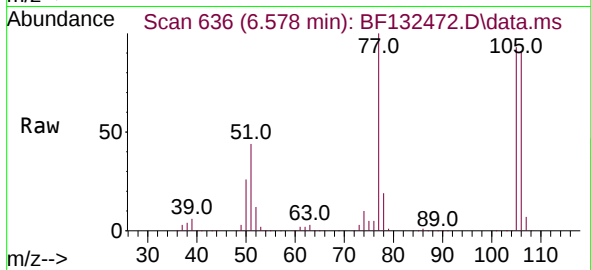
#9  
Benzaldehyde  
Concen: 34.886 ng  
RT: 6.578 min Scan# 637  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 403923  
Ion Ratio Lower Upper  
77 100  
105 93.5 73.2 113.2  
106 91.1 71.5 111.5

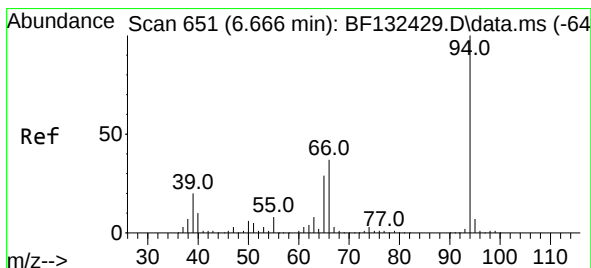
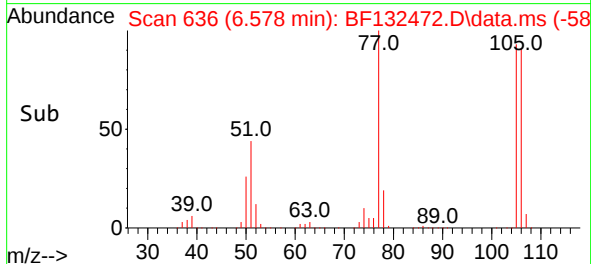
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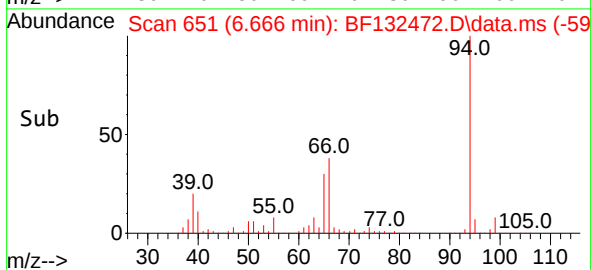
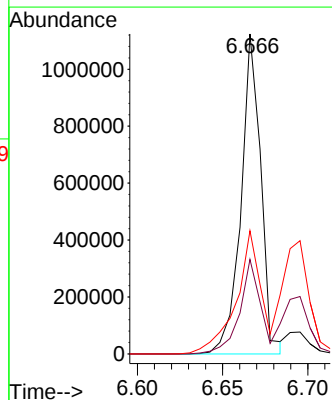
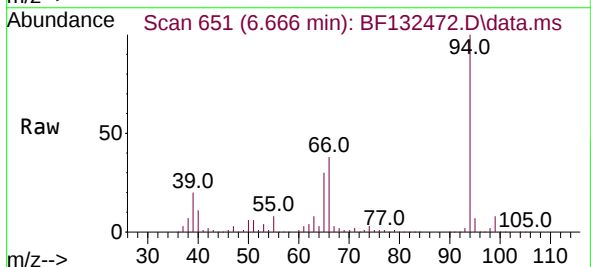
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Upadhyay

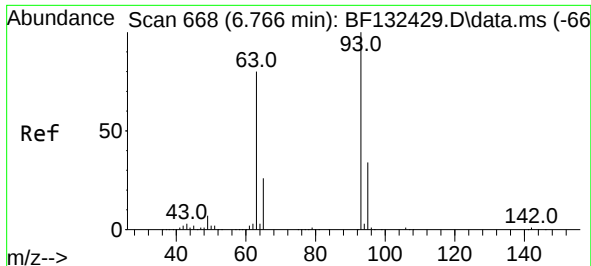
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#10  
Phenol  
Concen: 39.426 ng  
RT: 6.666 min Scan# 651  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion: 94 Resp: 904799  
Ion Ratio Lower Upper  
94 100  
65 29.5 9.0 49.0  
66 38.5 17.4 57.4





#11  
bis(2-Chloroethyl)ether  
Concen: 39.529 ng  
RT: 6.760 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

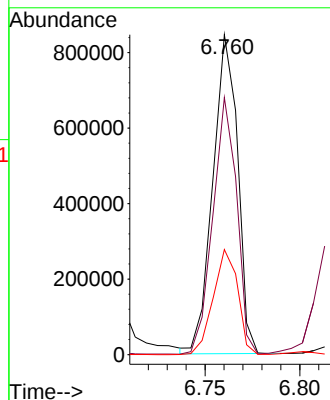
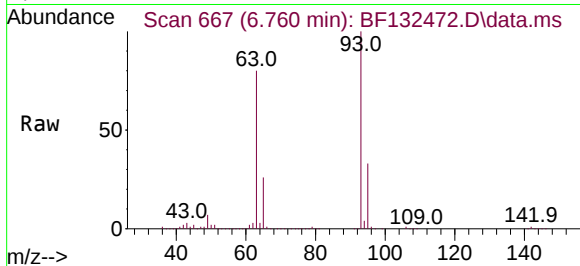
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 769489  
Ion Ratio Lower Upper  
93 100  
63 80.3 58.6 98.6  
95 32.8 13.5 53.5

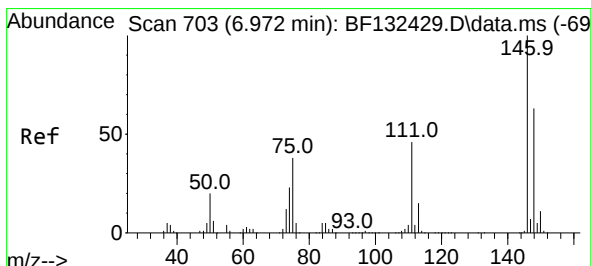
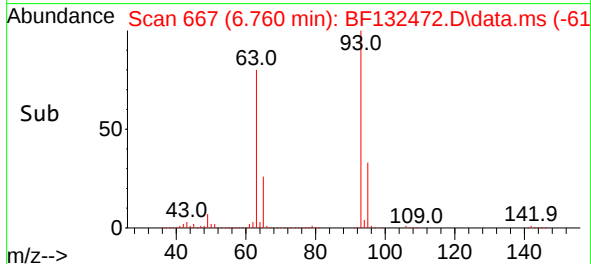
Manual Integrations  
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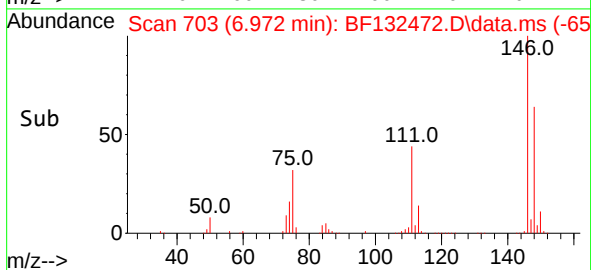
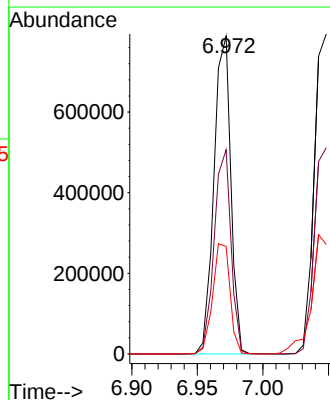
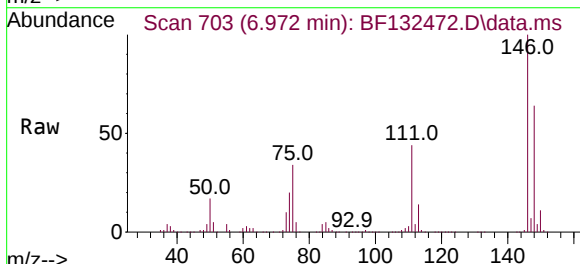
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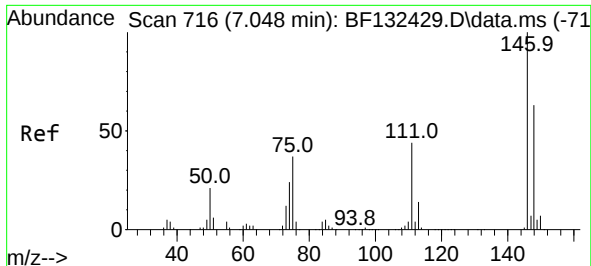
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#12  
1,3-Dichlorobenzene  
Concen: 38.414 ng  
RT: 6.972 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

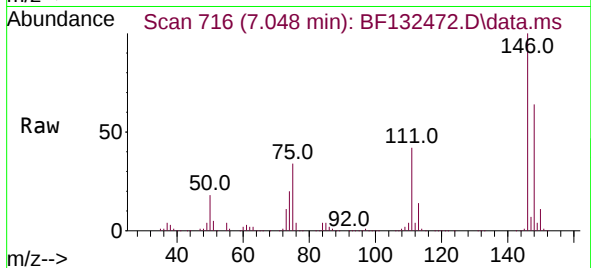
Tgt Ion:146 Resp: 708514  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.6 75.8  
75 33.8 30.3 45.5





#13  
1,4-Dichlorobenzene  
Concen: 38.327 ng  
RT: 7.048 min Scan# 716  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

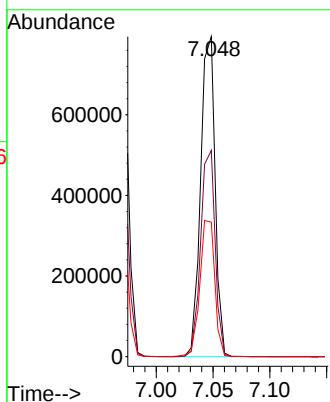
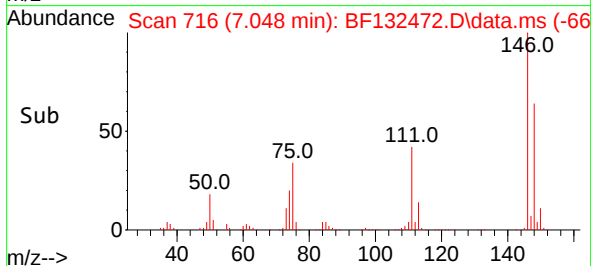
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:146 Resp: 705174  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.6 76.0  
111 42.0 35.0 52.4

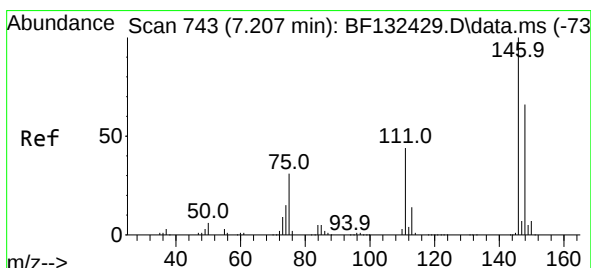
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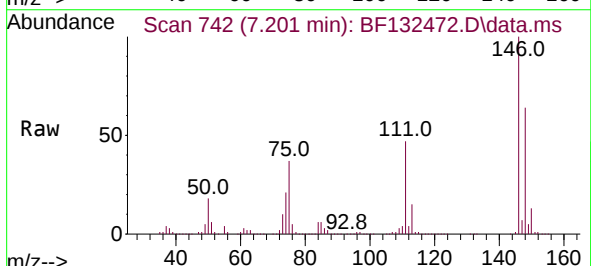


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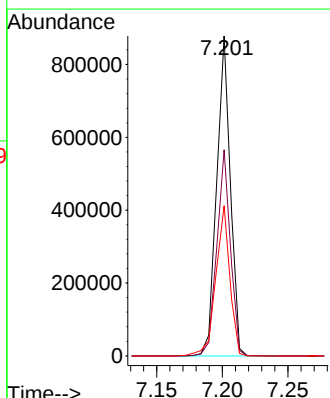
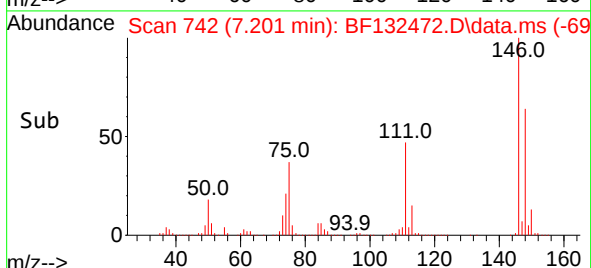
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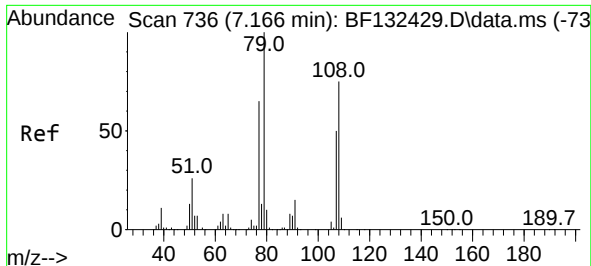


#14  
1,2-Dichlorobenzene  
Concen: 37.926 ng  
RT: 7.201 min Scan# 742  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



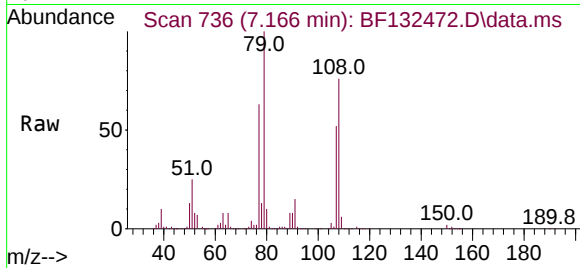
Tgt Ion:146 Resp: 639305  
Ion Ratio Lower Upper  
146 100  
148 64.4 52.4 78.6  
111 46.9 35.5 53.3





#15  
Benzyl Alcohol  
Concen: 41.387 ng  
RT: 7.166 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

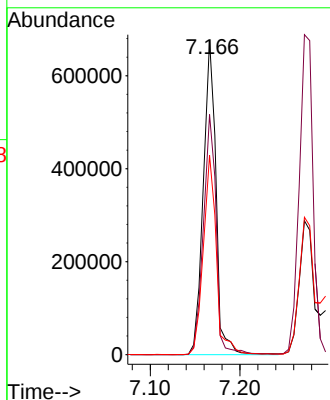
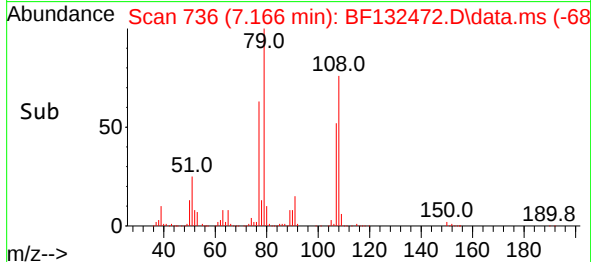
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 662944  
Ion Ratio Lower Upper  
79 100  
108 76.3 59.8 89.6  
77 63.4 51.8 77.6

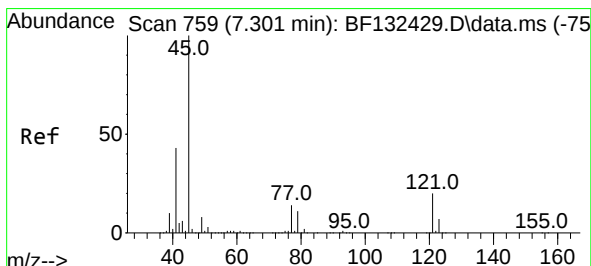
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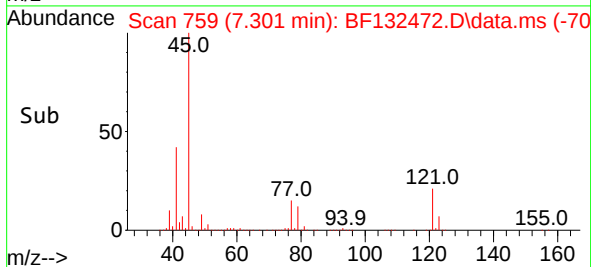
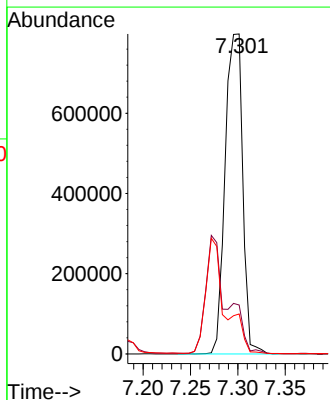
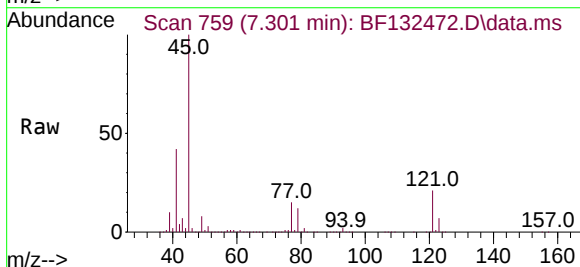
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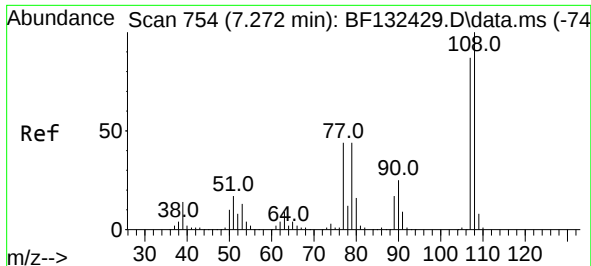
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.949 ng  
RT: 7.301 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

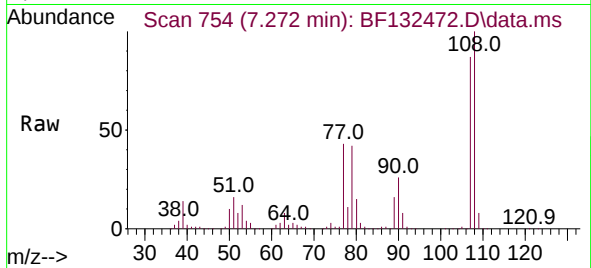
Tgt Ion: 45 Resp: 1027161  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 34.3  
79 12.5 0.0 31.3





#17  
2-Methylphenol  
Concen: 39.439 ng  
RT: 7.272 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

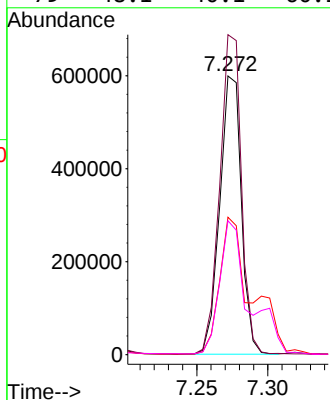
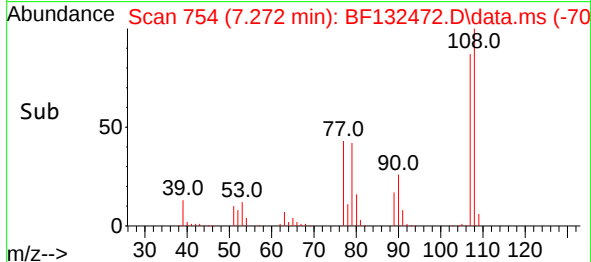
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 635662  
Ion Ratio Lower Upper  
107 100  
108 114.8 91.7 137.5  
77 49.3 40.7 61.1  
79 48.1 40.1 60.1

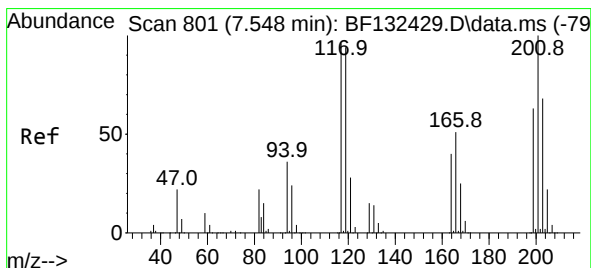
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Supervised By :Jagrut Upadhyay 02/21/2023



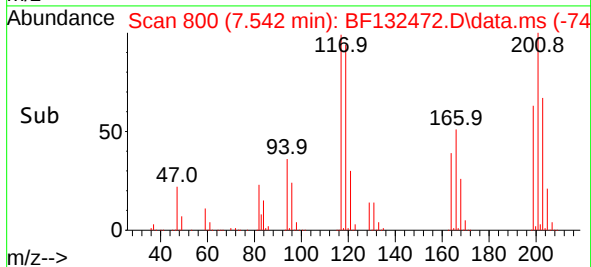
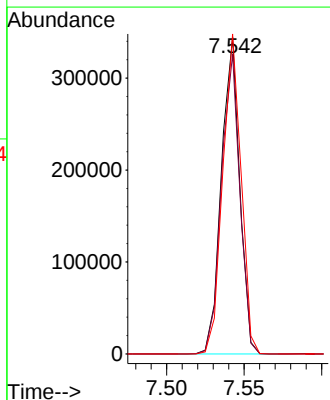
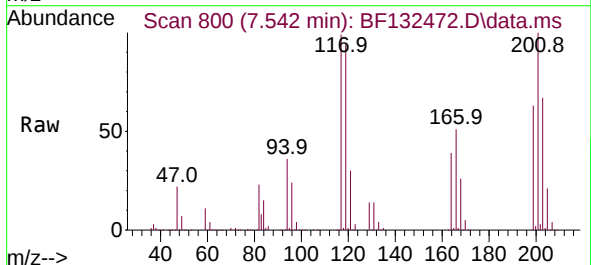
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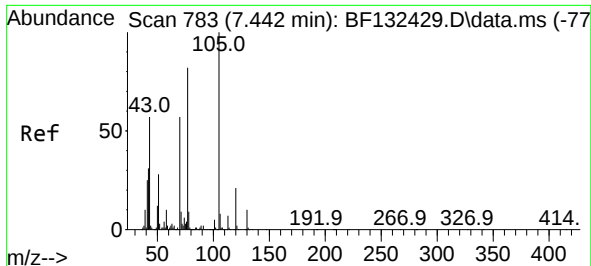
02/21/2023



#18  
Hexachloroethane  
Concen: 40.589 ng  
RT: 7.542 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

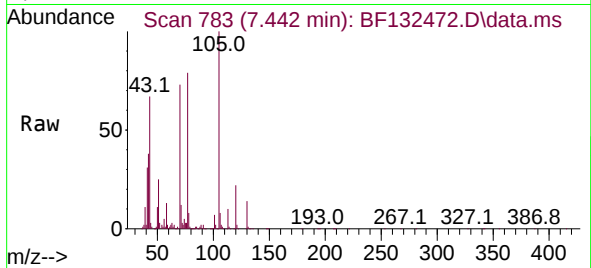
Tgt Ion:117 Resp: 281970  
Ion Ratio Lower Upper  
117 100  
119 94.6 78.8 118.2  
201 101.1 83.5 125.3





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.193 ng  
RT: 7.442 min Scan# 783  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

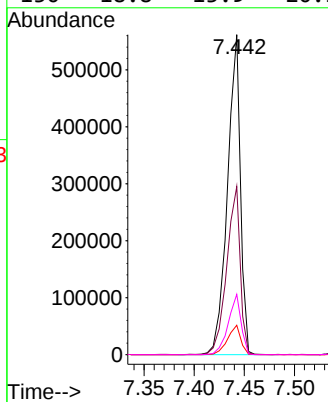
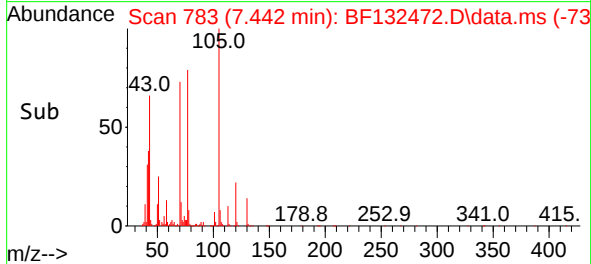
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 70 Resp: 507043  
Ion Ratio Lower Upper  
70 100  
42 52.5 43.5 65.3  
101 9.2 7.3 10.9  
130 18.8 13.9 20.9

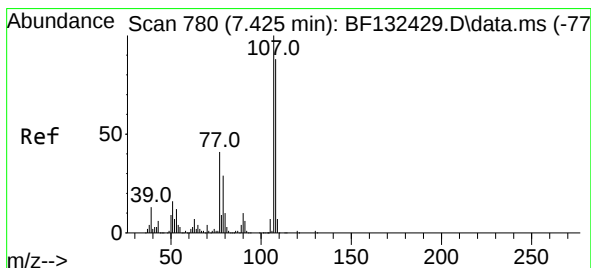
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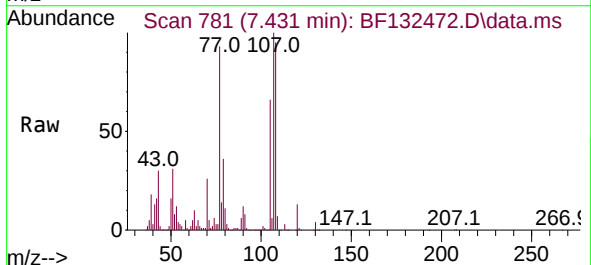


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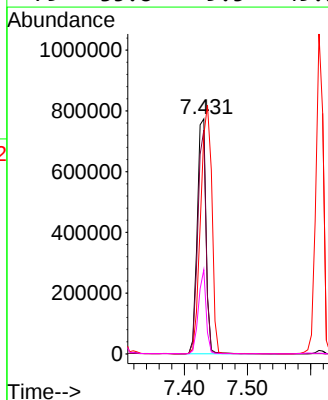
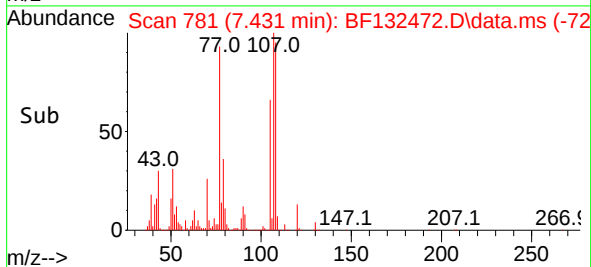
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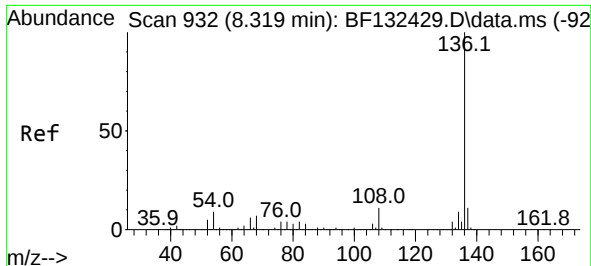


#20  
3+4-Methylphenols  
Concen: 37.756 ng  
RT: 7.431 min Scan# 781  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



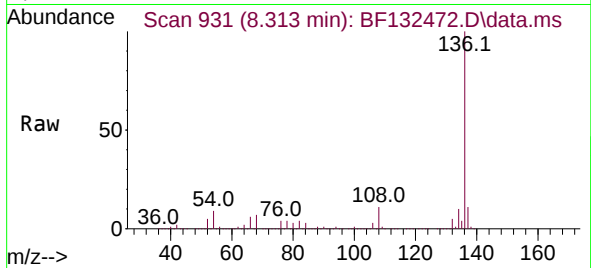
Tgt Ion:107 Resp: 751335  
Ion Ratio Lower Upper  
107 100  
108 95.2 68.1 108.1  
77 93.1 21.3 61.3#  
79 35.8 9.5 49.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.313 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

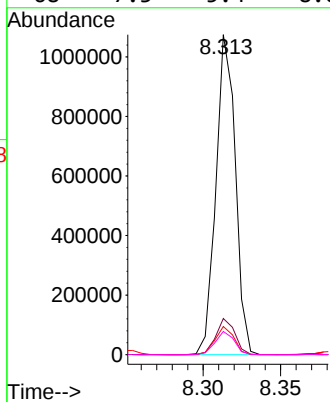
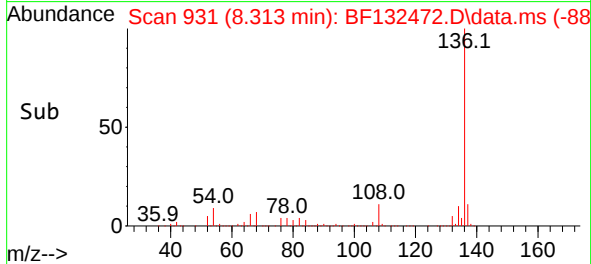
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 94124  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 8.8 6.9 10.3  
68 7.3 5.4 8.0

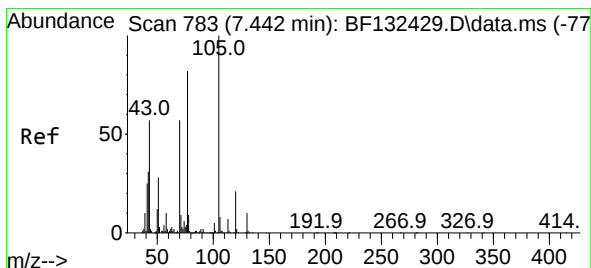
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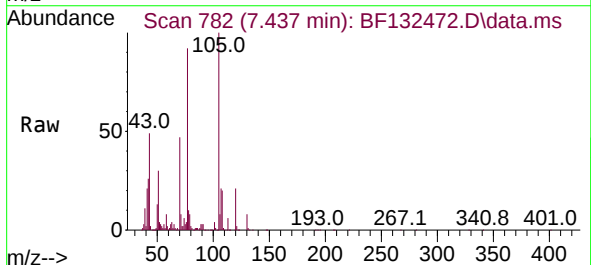


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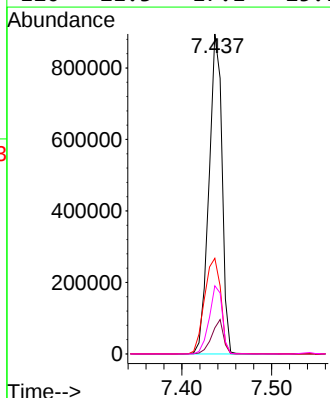
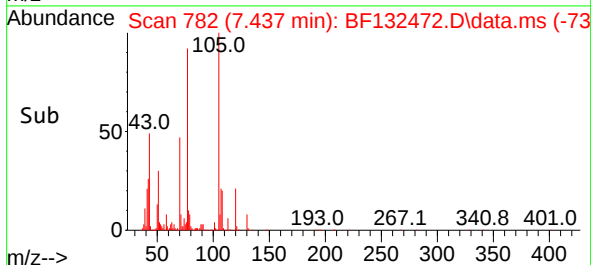
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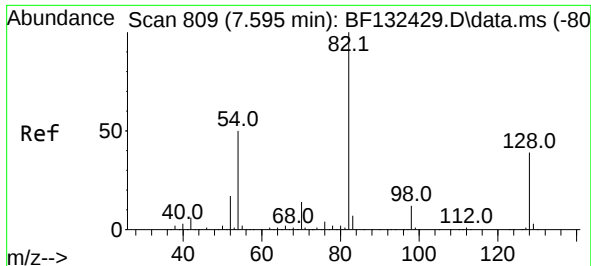


#22  
Acetophenone  
Concen: 37.080 ng  
RT: 7.437 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



Tgt Ion:105 Resp: 904534  
Ion Ratio Lower Upper  
105 100  
71 8.1 7.3 10.9  
51 29.9 22.2 33.2  
120 21.3 17.1 25.7





#23

Nitrobenzene-d5

Concen: 80.614 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132472.D

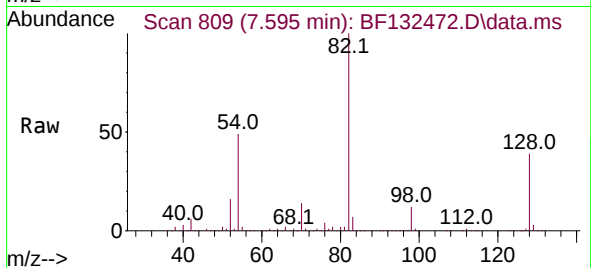
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



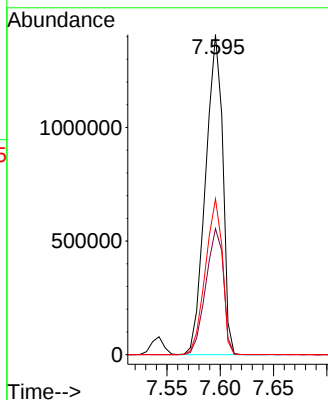
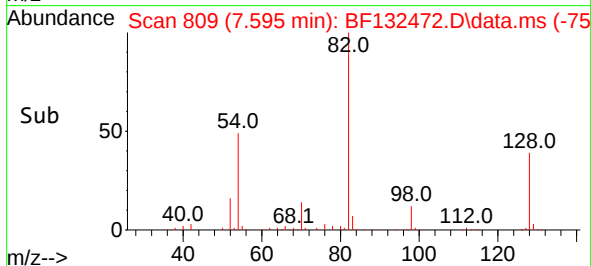
Tgt Ion: 82 Resp: 1579146

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.4  | 30.8  | 46.2  |
| 54  | 48.7  | 40.2  | 60.4  |

Manual Integrations

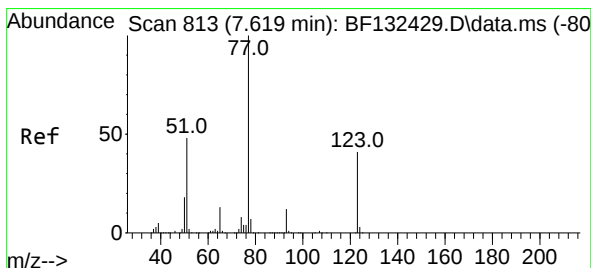
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Reviewed By :Christian Giraldo 02/21/2023  
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#24

Nitrobenzene

Concen: 39.620 ng

RT: 7.613 min Scan# 812

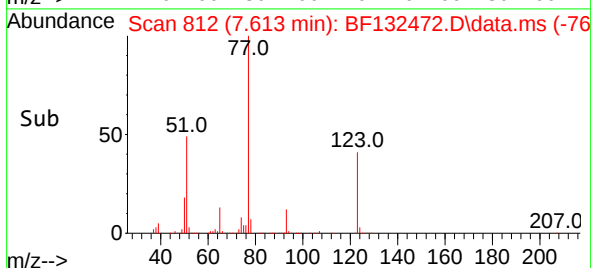
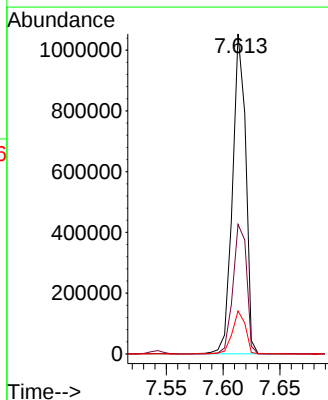
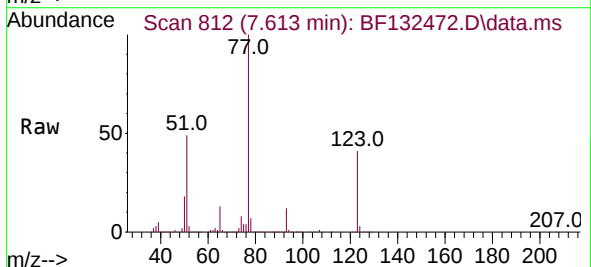
Delta R.T. 0.000 min

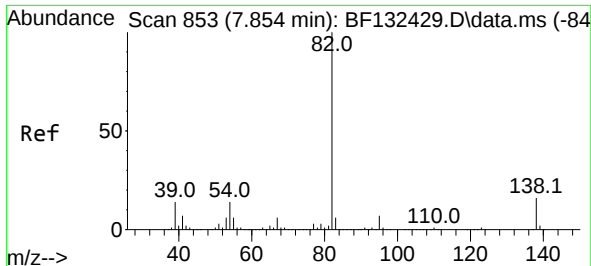
Lab File: BF132472.D

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Tgt Ion: 77 Resp: 850920

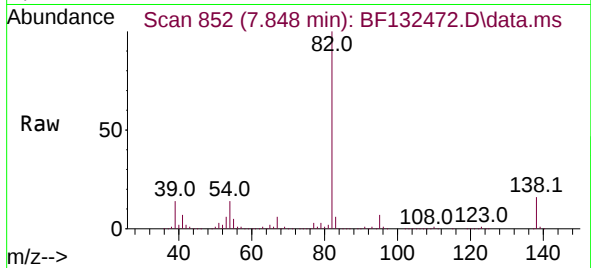
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.5  | 33.2  | 49.8  |
| 65  | 13.4  | 10.4  | 15.6  |





#25  
Isophorone  
Concen: 39.852 ng  
RT: 7.848 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

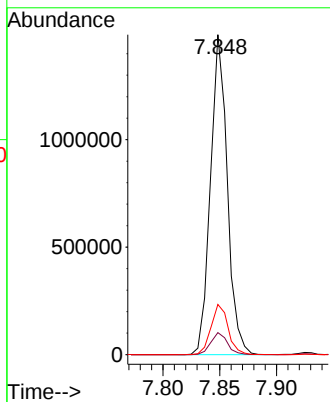
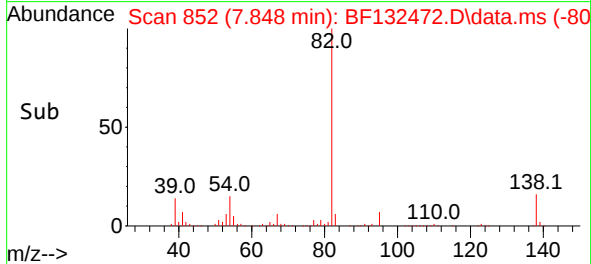
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 1533992  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 15.7 12.7 19.1

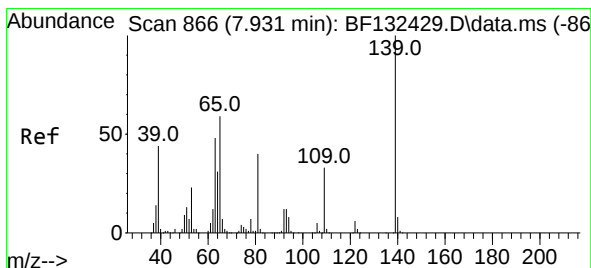
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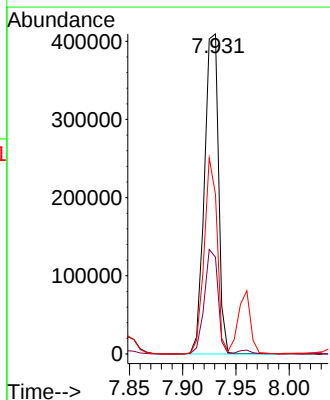
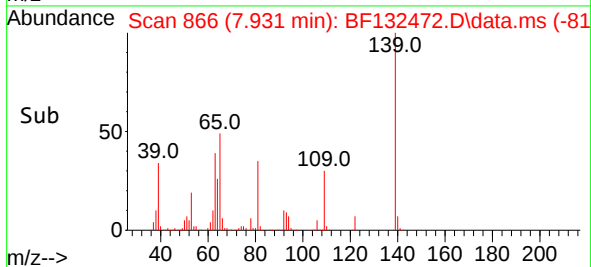
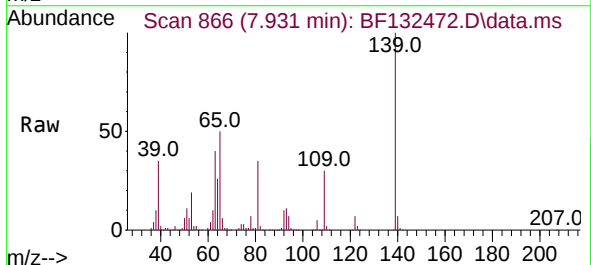
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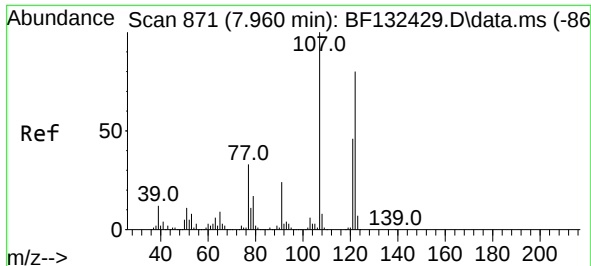
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#26  
2-Nitrophenol  
Concen: 44.967 ng  
RT: 7.931 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

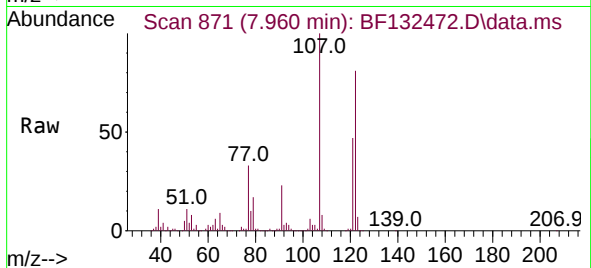
Tgt Ion:139 Resp: 375425  
Ion Ratio Lower Upper  
139 100  
109 30.2 26.3 39.5  
65 49.8 47.4 71.0





#27  
2,4-Dimethylphenol  
Concen: 39.961 ng m  
RT: 7.960 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

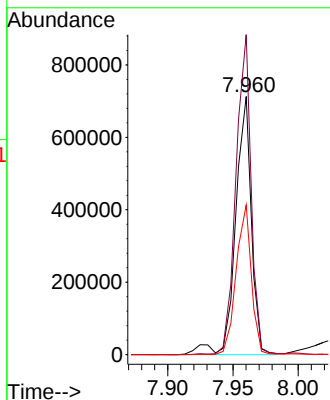
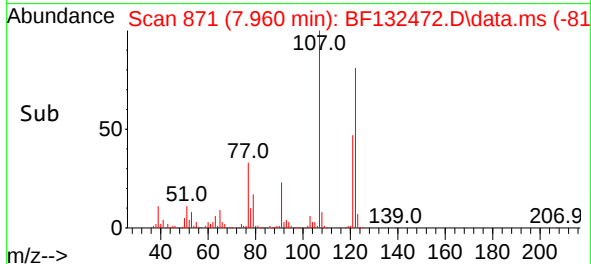
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:122 Resp: 602376  
Ion Ratio Lower Upper  
122 100  
107 123.9 99.9 149.9  
121 58.0 45.9 68.9

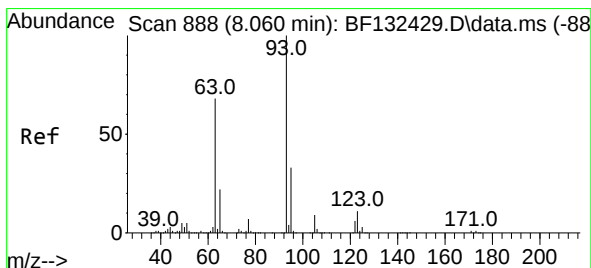
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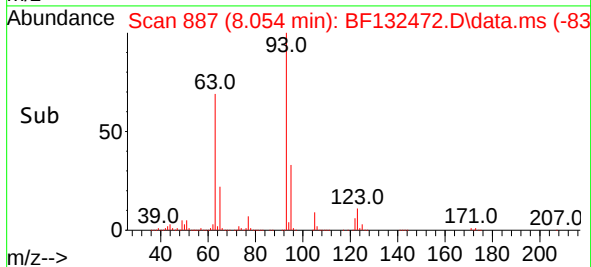
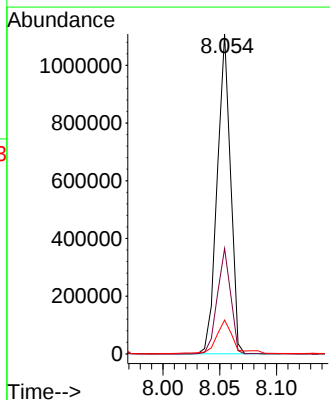
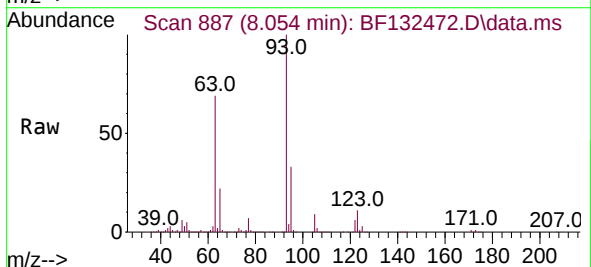
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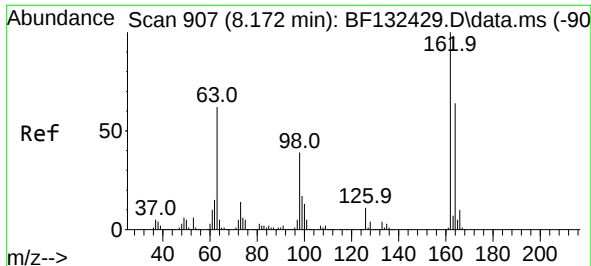
02/21/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.119 ng  
RT: 8.054 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion: 93 Resp: 902455  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 10.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.962 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

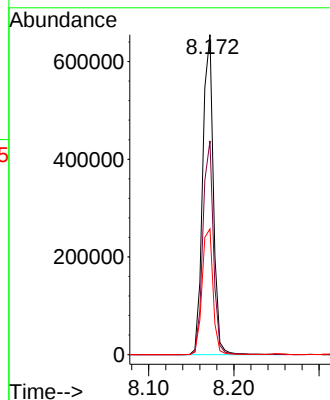
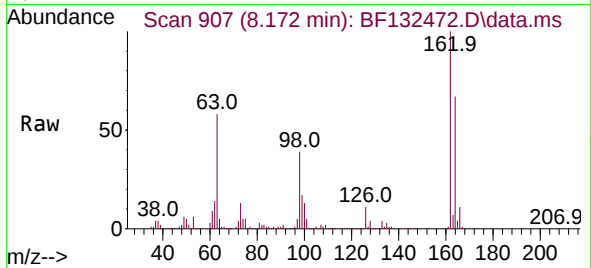
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 568308  
 Ion Ratio Lower Upper  
 162 100  
 164 66.8 44.0 84.0  
 98 39.3 19.3 59.3

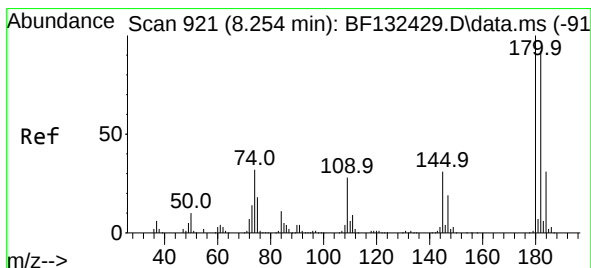
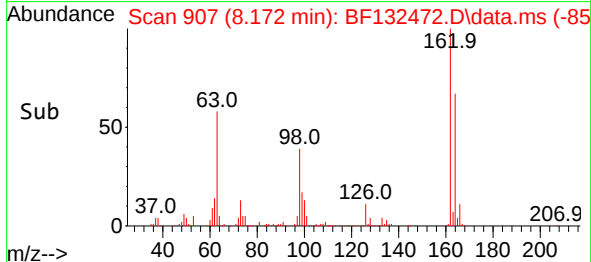
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#30

1,2,4-Trichlorobenzene

Concen: 39.639 ng

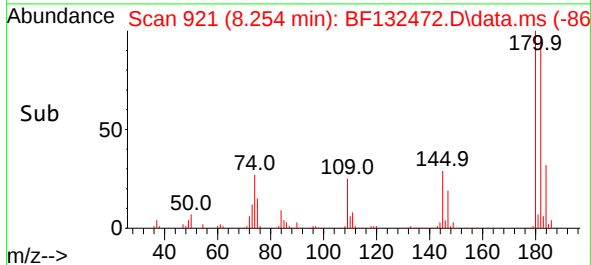
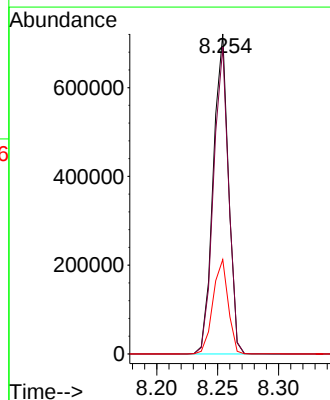
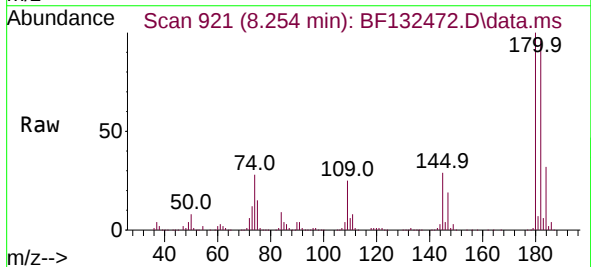
RT: 8.254 min Scan# 921

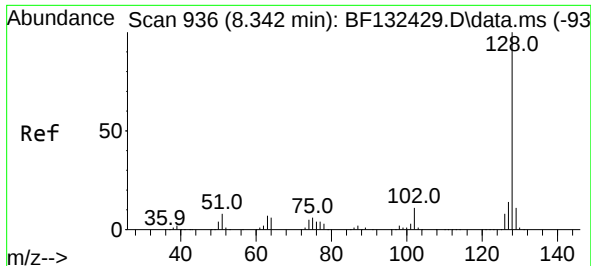
Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

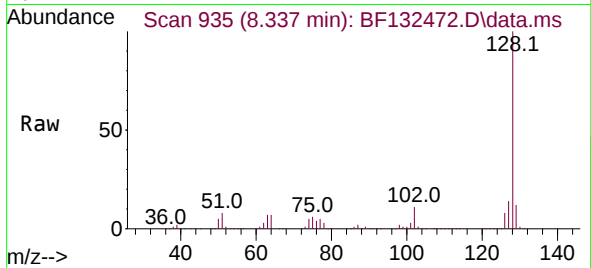
Tgt Ion:180 Resp: 626925  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 73.8 110.8  
 145 29.5 24.4 36.6





#31  
Naphthalene  
Concen: 38.014 ng  
RT: 8.337 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

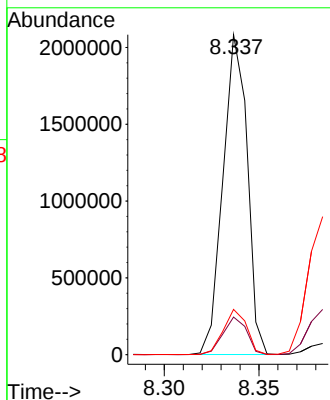
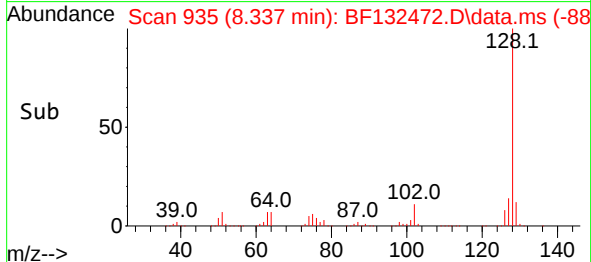
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 185687  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.0 13.4  
127 14.1 11.0 16.4

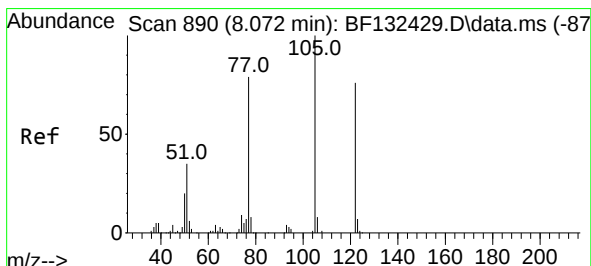
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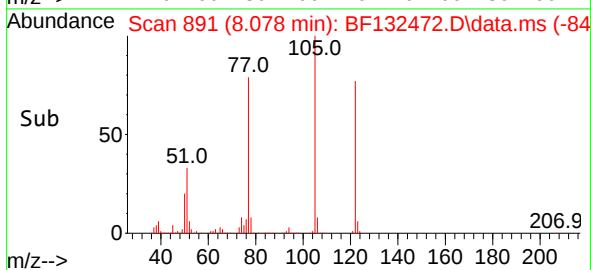
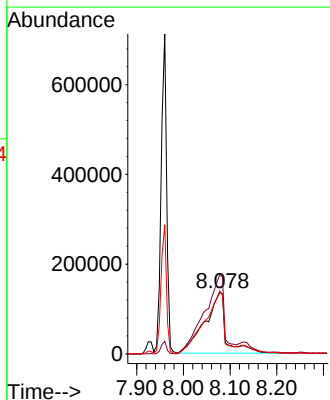
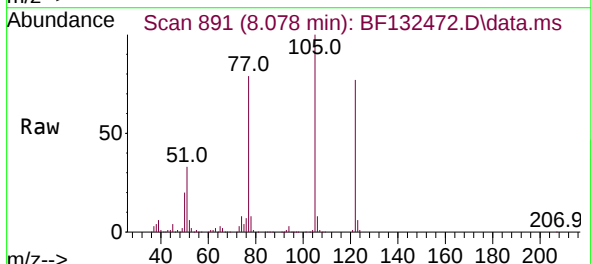
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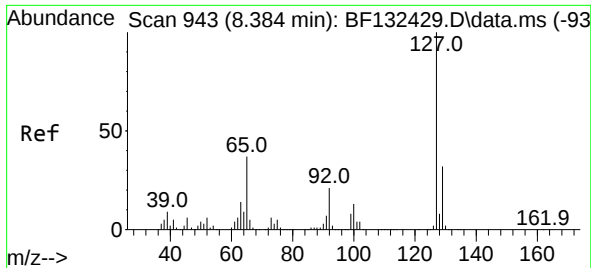
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#32  
Benzoic acid  
Concen: 40.748 ng m  
RT: 8.078 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:122 Resp: 429752  
Ion Ratio Lower Upper  
122 100  
105 129.6 109.7 149.7  
77 102.9 83.8 123.8





#33  
4-Chloroaniline  
Concen: 38.166 ng  
RT: 8.384 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

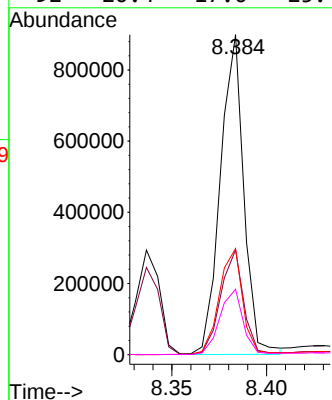
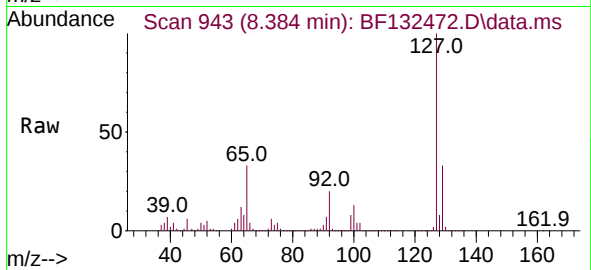
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 774558  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9  
65 33.1 29.8 44.6  
92 20.4 17.0 25.4

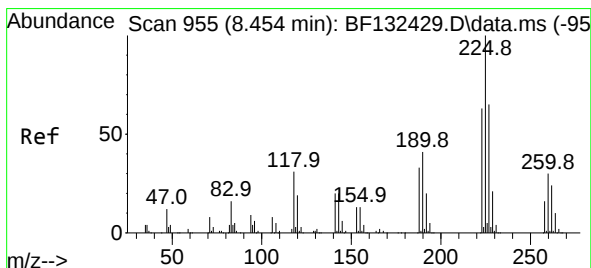
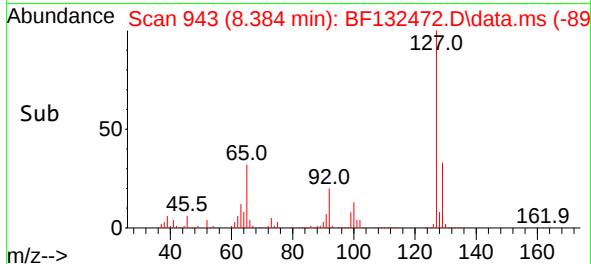
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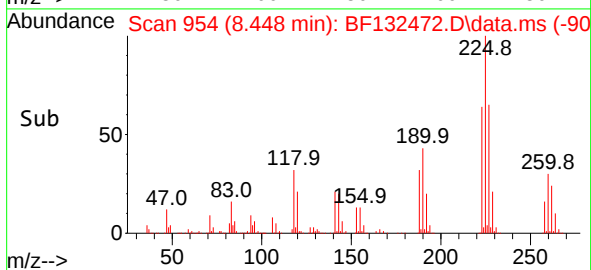
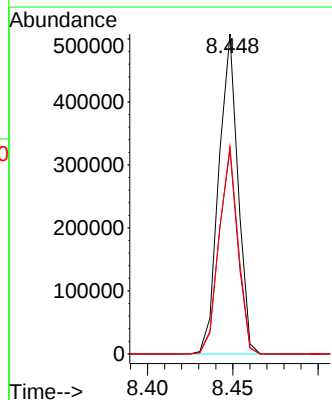
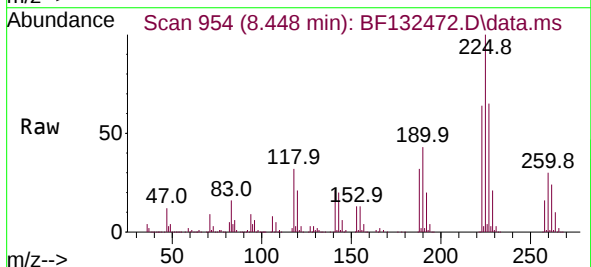
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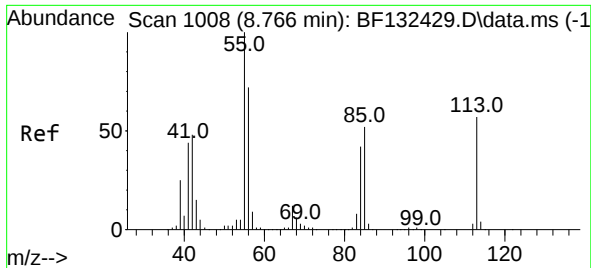
02/21/2023



#34  
Hexachlorobutadiene  
Concen: 39.675 ng  
RT: 8.448 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

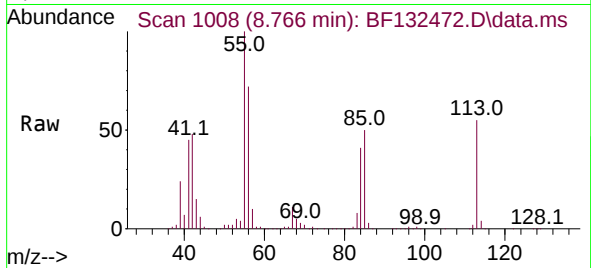
Tgt Ion:225 Resp: 396150  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.6 76.0  
227 64.8 52.2 78.4





#35  
Caprolactam  
Concen: 43.724 ng  
RT: 8.766 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

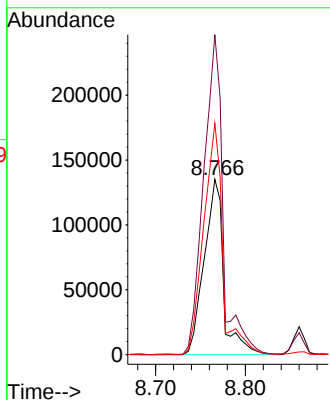
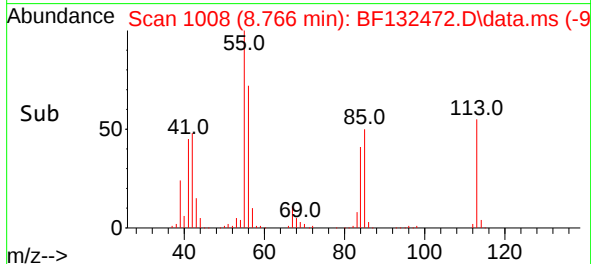
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 201866  
Ion Ratio Lower Upper  
113 100  
55 182.6 155.8 195.8  
56 132.0 107.3 147.3

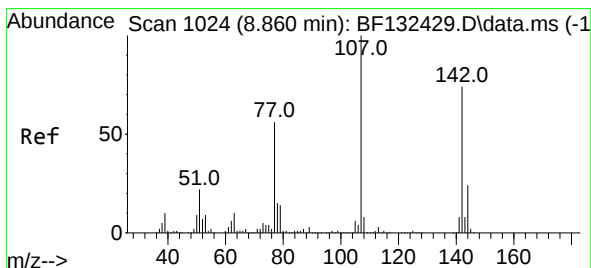
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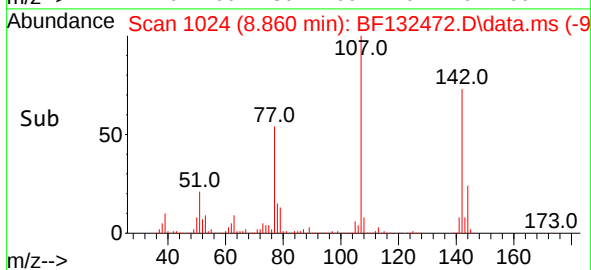
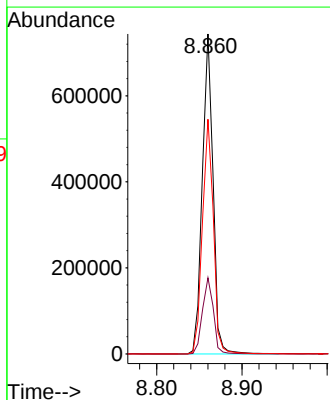
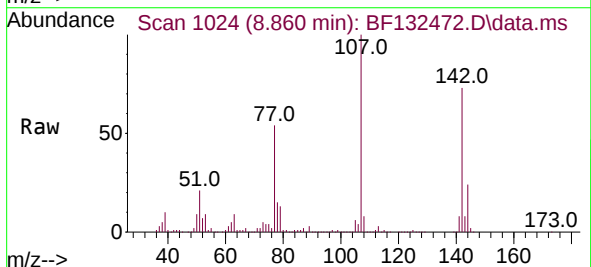
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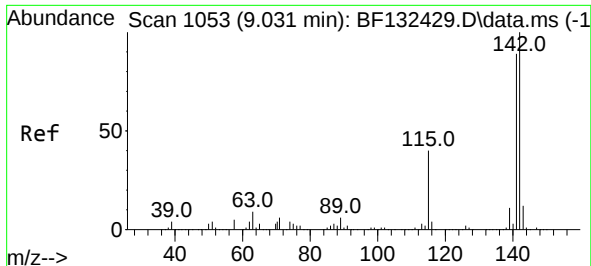
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#36  
4-Chloro-3-methylphenol  
Concen: 40.751 ng  
RT: 8.860 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:107 Resp: 648448  
Ion Ratio Lower Upper  
107 100  
144 23.8 18.8 28.2  
142 73.3 58.8 88.2





#37

2-Methylnaphthalene

Concen: 38.764 ng

RT: 9.031 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 1274332

Ion Ratio Lower Upper

142 100

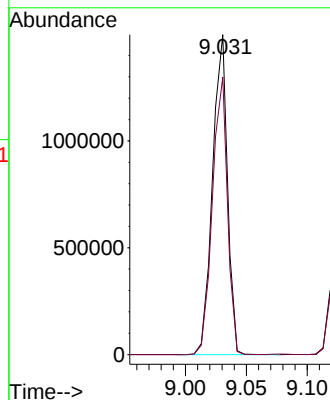
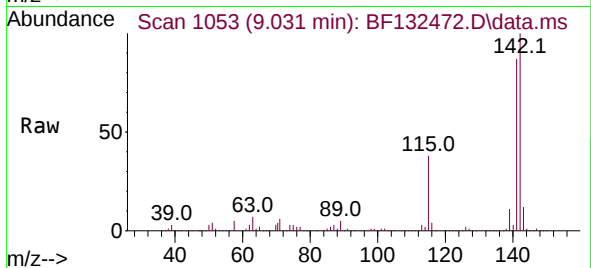
141 86.7 71.2 106.8

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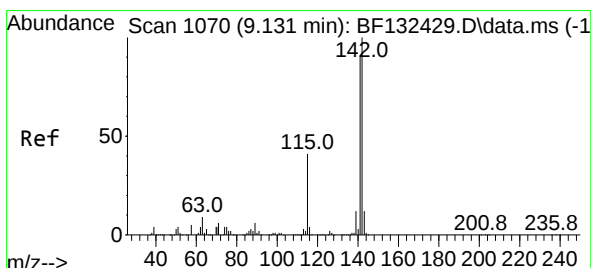
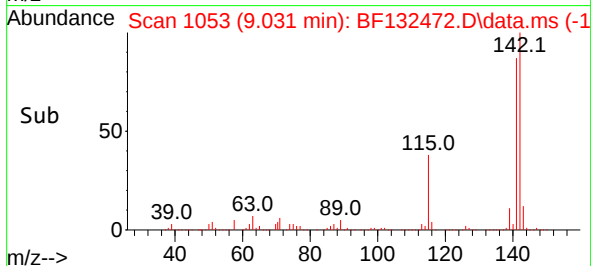
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02/21/2023



#38

1-Methylnaphthalene

Concen: 38.584 ng

RT: 9.131 min Scan# 1070

Delta R.T. 0.006 min

Lab File: BF132472.D

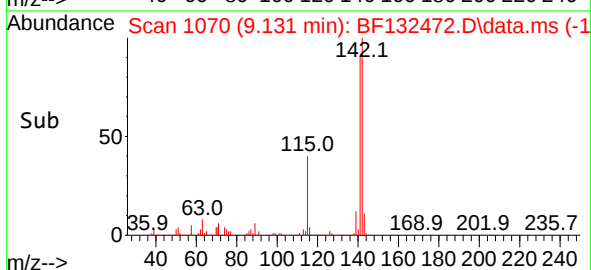
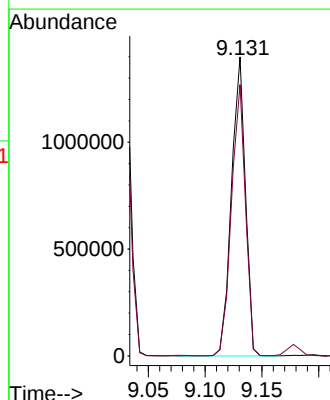
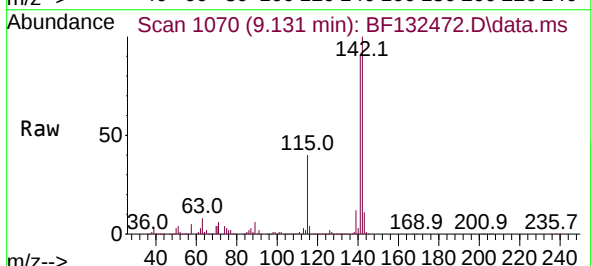
Acq: 20 Feb 2023 10:54

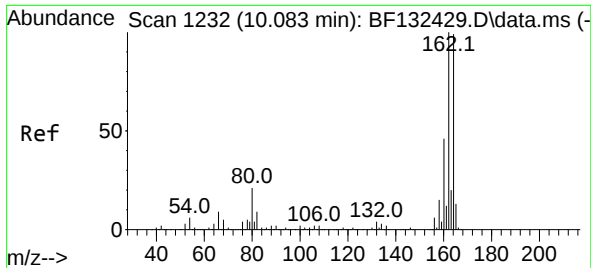
Tgt Ion:142 Resp: 1191653

Ion Ratio Lower Upper

142 100

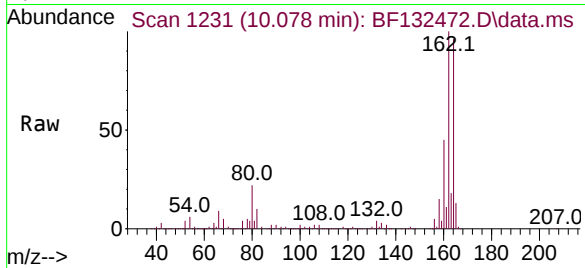
141 90.7 72.7 109.1





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.078 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

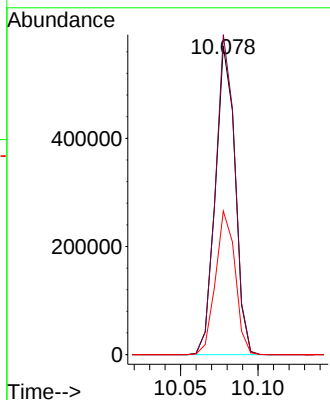
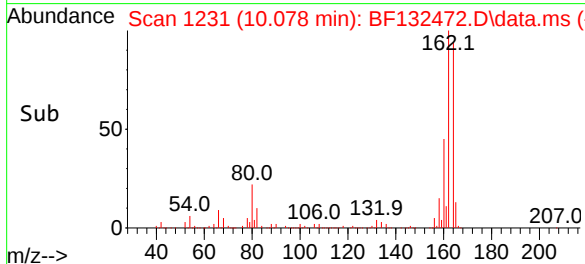
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:164 Resp: 506435  
Ion Ratio Lower Upper  
164 100  
162 103.7 80.8 121.2  
160 46.6 37.2 55.8

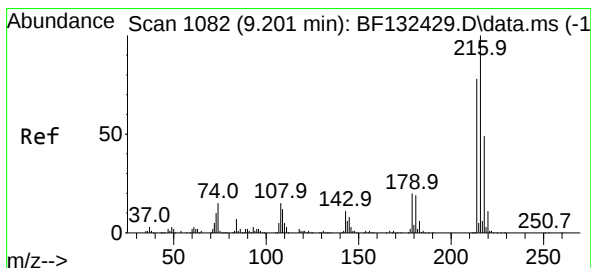
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/21/2023  
Supervised By :Jagrut Upadhyay 02/21/2023

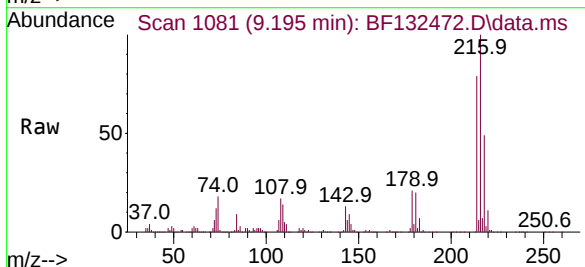


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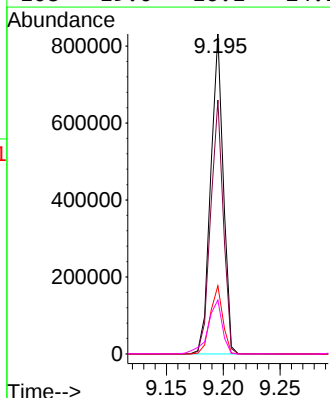
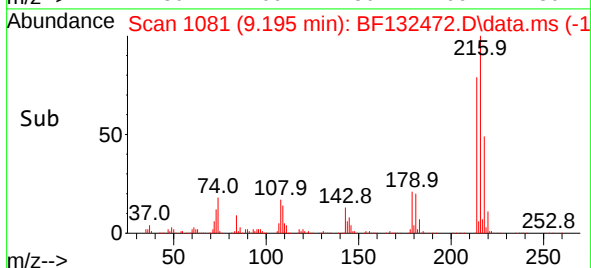
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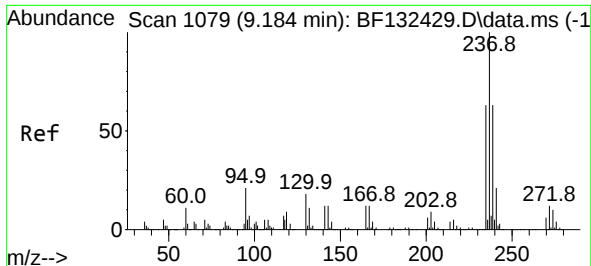


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.170 ng  
RT: 9.195 min Scan# 1081  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



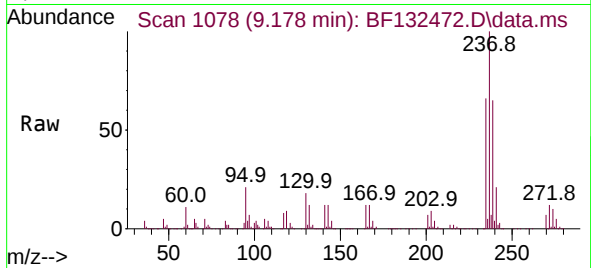
Tgt Ion:216 Resp: 642785  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.4 95.2  
179 21.1 16.4 24.6  
108 19.0 16.1 24.1





#41  
Hexachlorocyclopentadiene  
Concen: 40.386 ng  
RT: 9.178 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

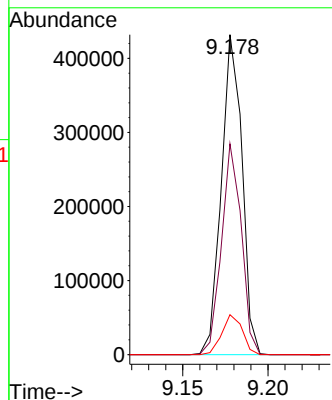
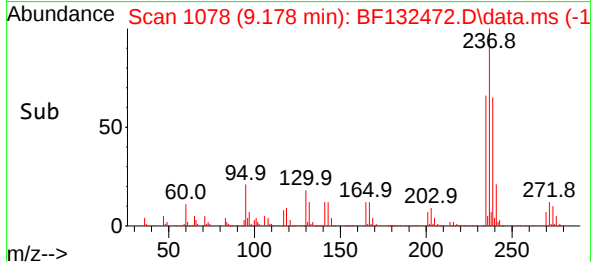
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:237 Resp: 364000  
Ion Ratio Lower Upper  
237 100  
235 65.9 43.1 83.1  
272 12.5 0.0 32.3

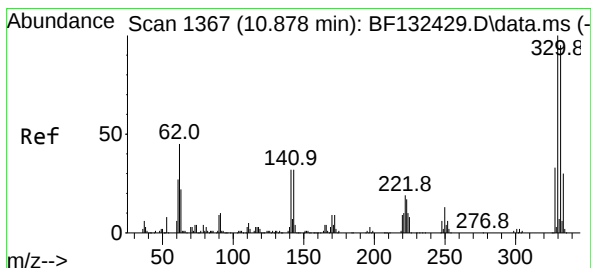
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Supervised By :Jagrut Upadhyay 02/21/2023

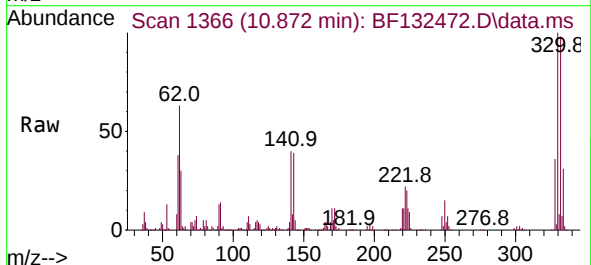


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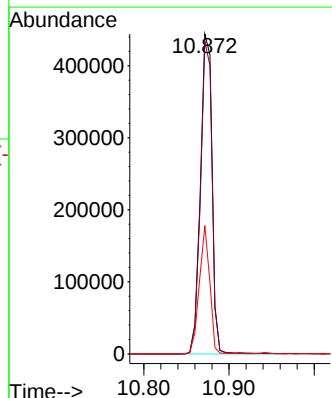
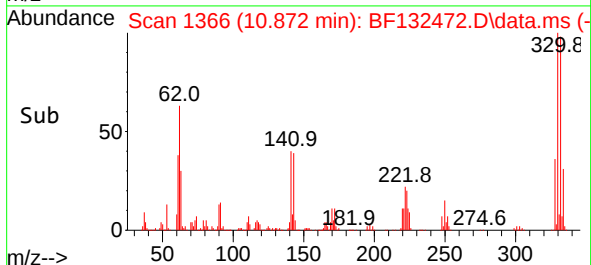
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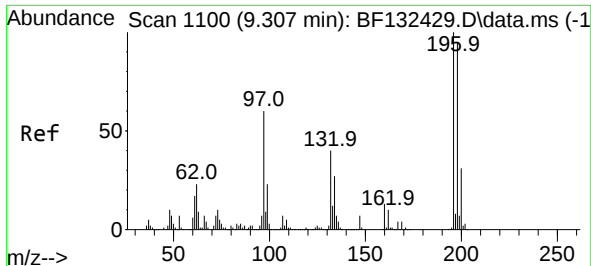


#42  
2,4,6-Tribromophenol  
Concen: 83.367 ng  
RT: 10.872 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



Tgt Ion:330 Resp: 421247  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.3 114.5  
141 35.9 30.3 45.5





#43  
2,4,6-Trichlorophenol  
Concen: 41.188 ng  
RT: 9.307 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

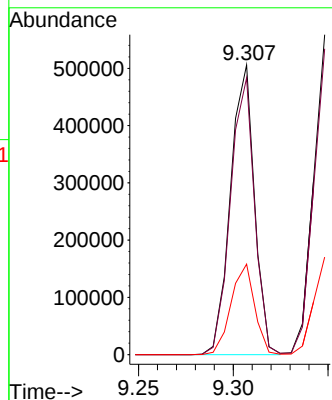
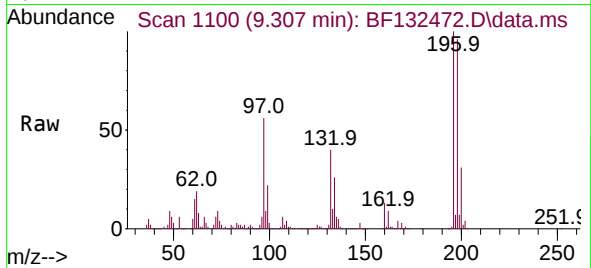
ClientSampleId :

SSTDCCC040

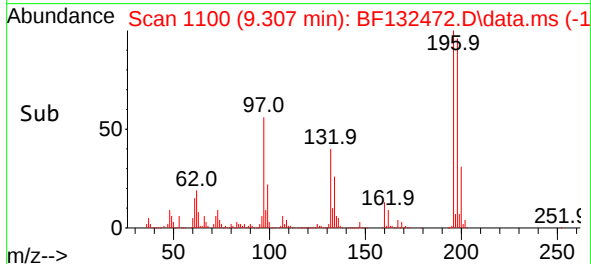
Tgt Ion:196 Resp: 445239  
Ion Ratio Lower Upper  
196 100  
198 95.5 76.3 114.5  
200 31.2 24.8 37.2

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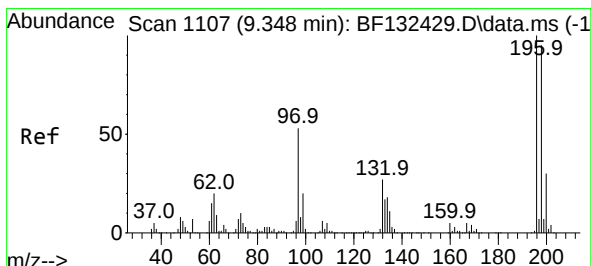
Reviewed By :Christian Giraldo 02/21/2023  
Supervised By :Jagrut Upadhyay 02/21/2023



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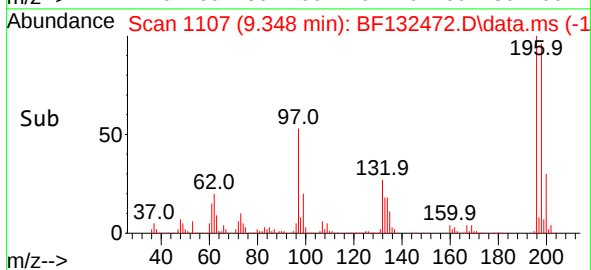
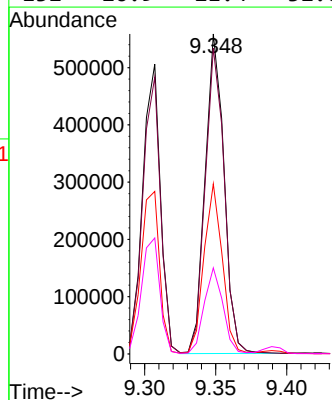
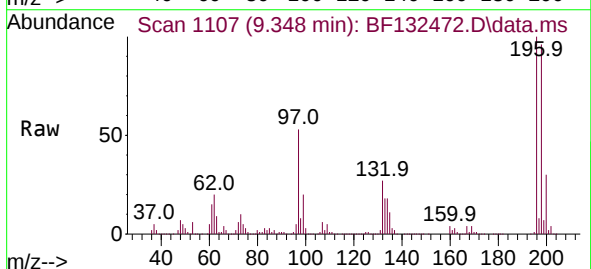


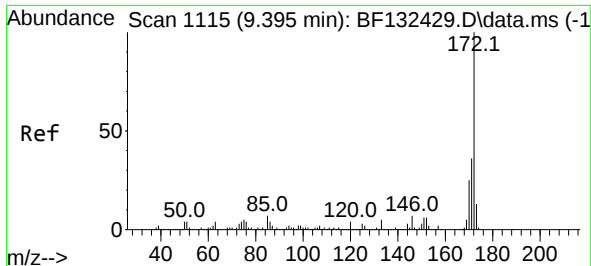
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#44  
2,4,5-Trichlorophenol  
Concen: 41.110 ng  
RT: 9.348 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:196 Resp: 517609  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.2 114.4  
97 53.1 42.4 63.6  
132 26.9 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 71.262 ng

RT: 9.389 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 233693

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

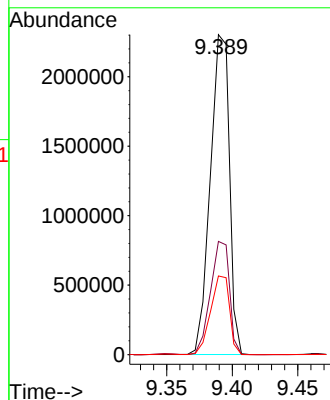
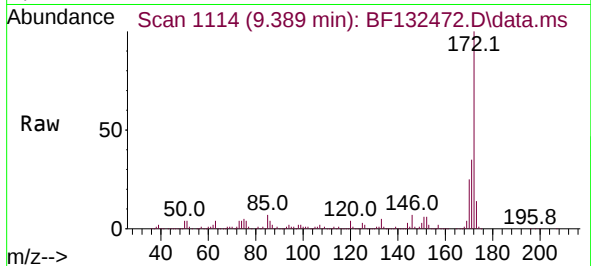
170 24.6 19.9 29.9

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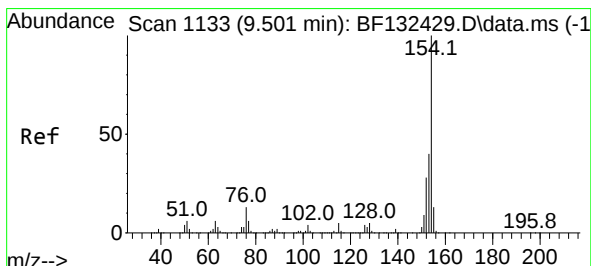
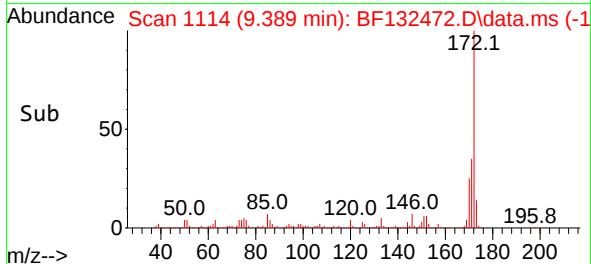
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#46

1,1'-Biphenyl

Concen: 37.596 ng

RT: 9.495 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

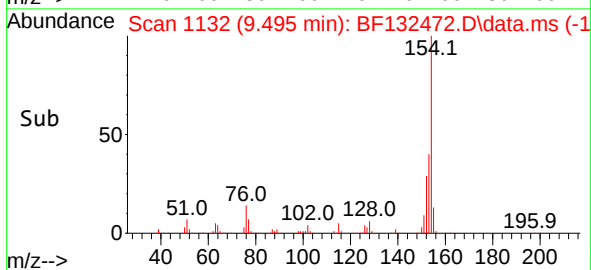
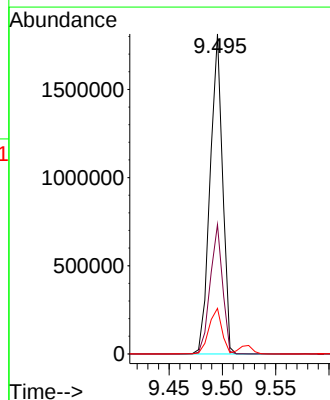
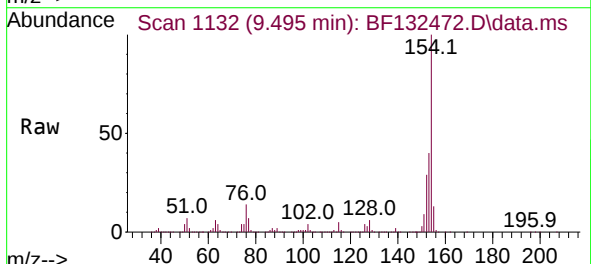
Tgt Ion:154 Resp: 1473659

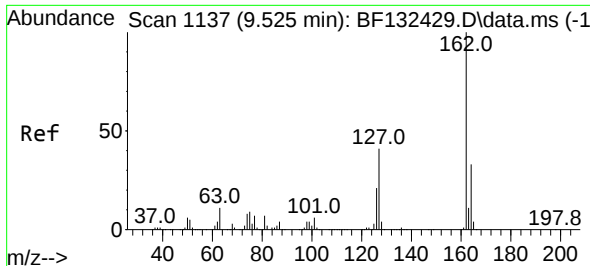
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

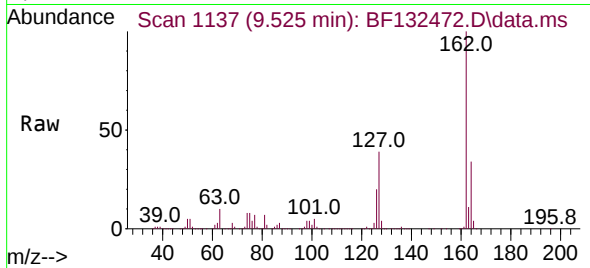
76 14.2 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 38.269 ng  
RT: 9.525 min Scan# 1137  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

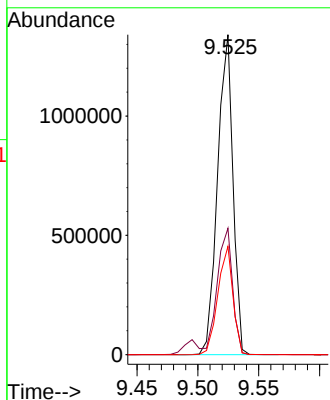
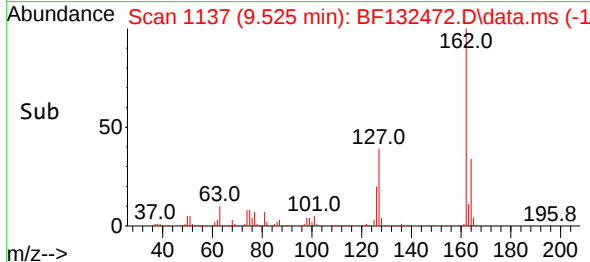
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 1177374  
Ion Ratio Lower Upper  
162 100  
127 39.5 33.0 49.4  
164 33.8 26.6 39.8

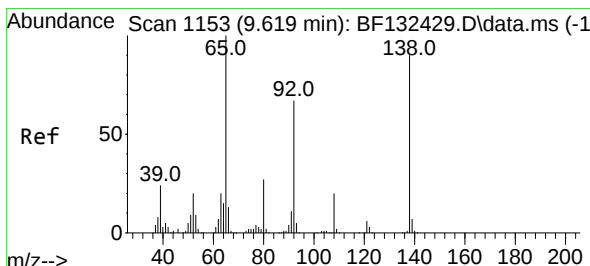
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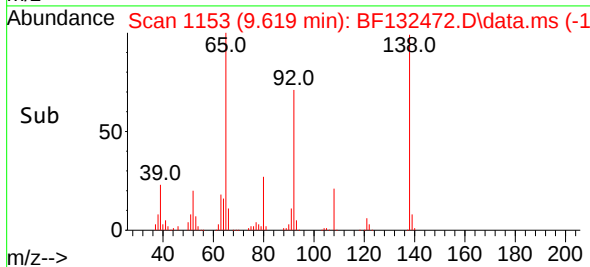
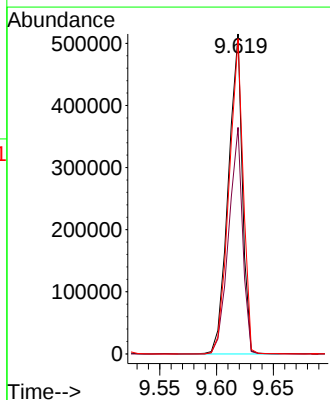
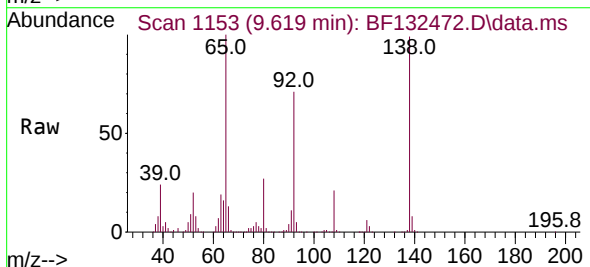
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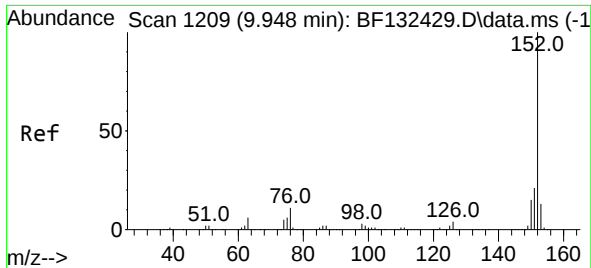
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#48  
2-Nitroaniline  
Concen: 41.058 ng  
RT: 9.619 min Scan# 1153  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

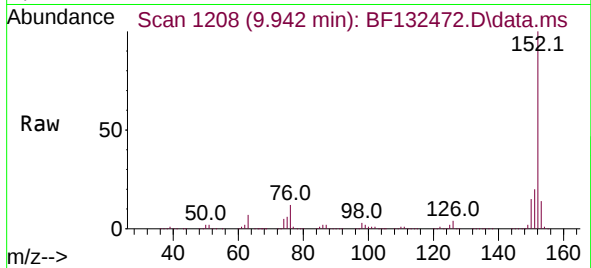
Tgt Ion: 65 Resp: 443201  
Ion Ratio Lower Upper  
65 100  
92 70.8 53.5 80.3  
138 98.5 72.2 108.4





#49  
Acenaphthylene  
Concen: 38.157 ng  
RT: 9.942 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

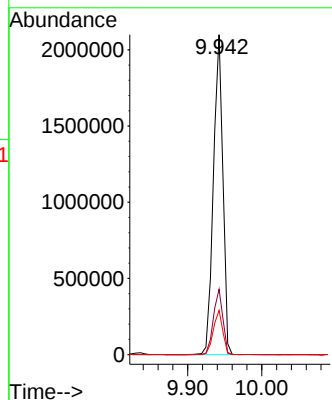
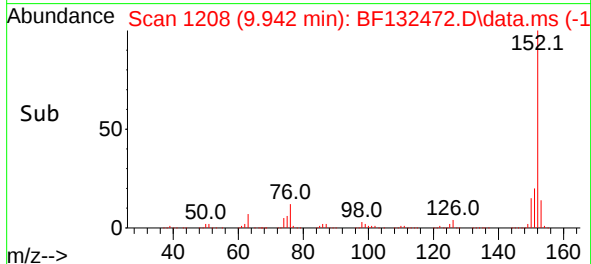
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 186515  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.8 10.7 16.1

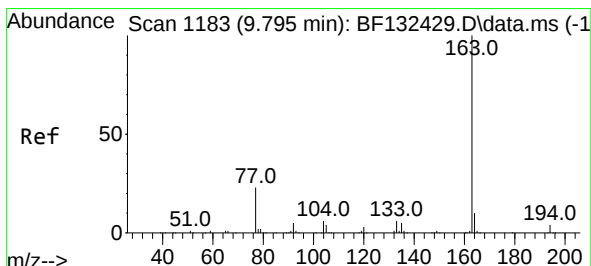
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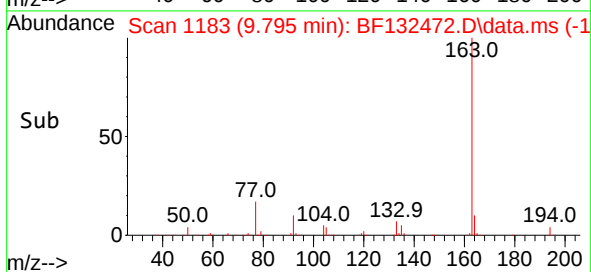
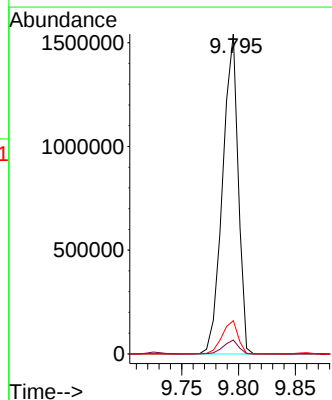
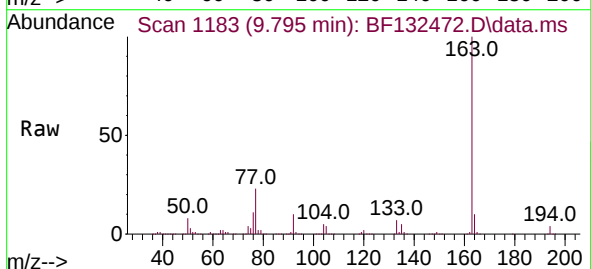
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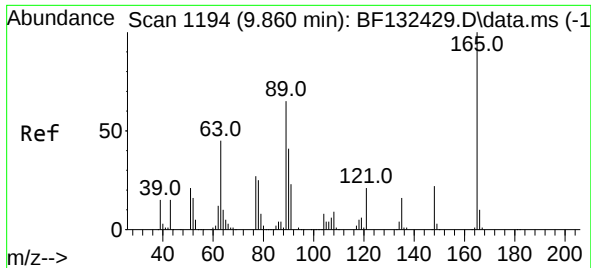
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#50  
Dimethylphthalate  
Concen: 39.433 ng  
RT: 9.795 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:163 Resp: 1470629  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.1 4.7  
164 10.4 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 41.338 ng  
RT: 9.860 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

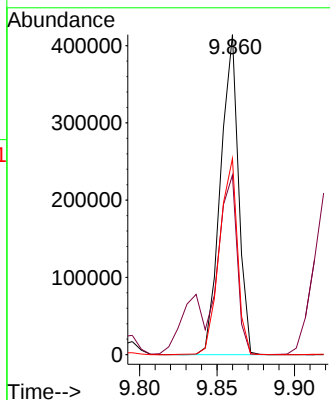
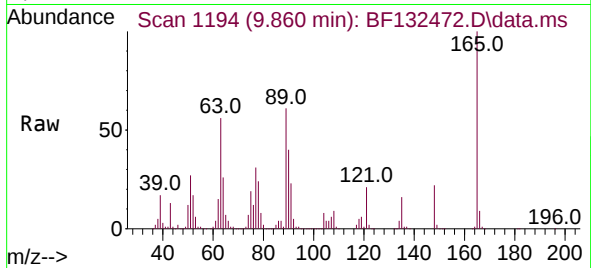
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 335275  
Ion Ratio Lower Upper  
165 100  
63 56.1 50.4 75.6  
89 61.3 52.2 78.2

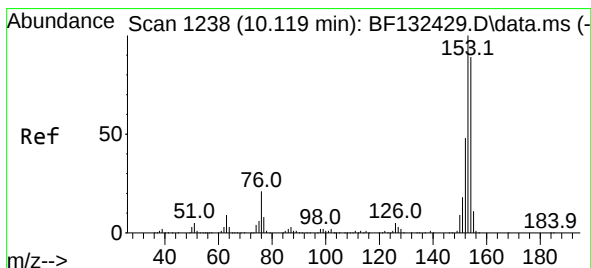
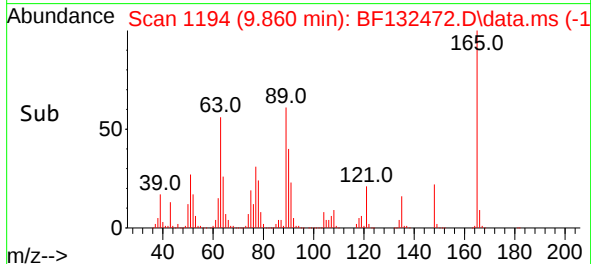
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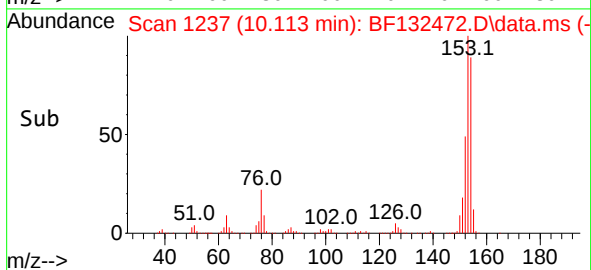
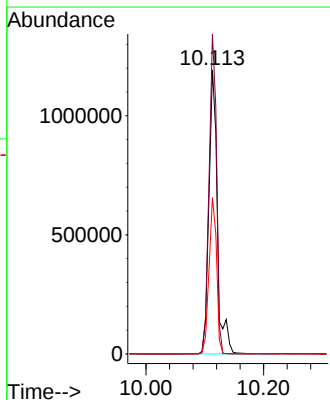
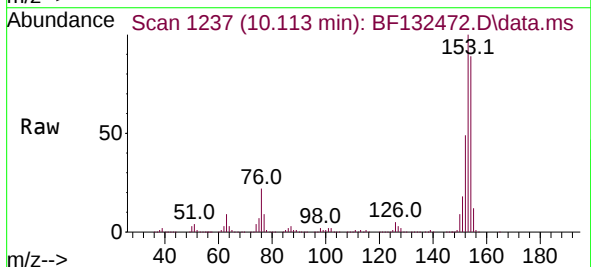
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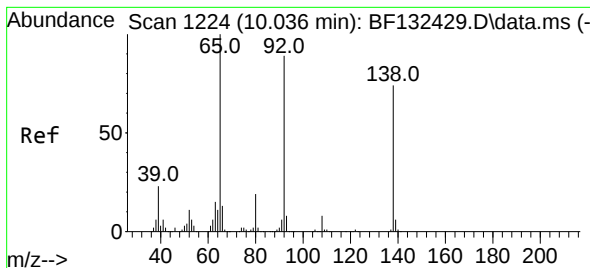
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#52  
Acenaphthene  
Concen: 39.172 ng  
RT: 10.113 min Scan# 1237  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

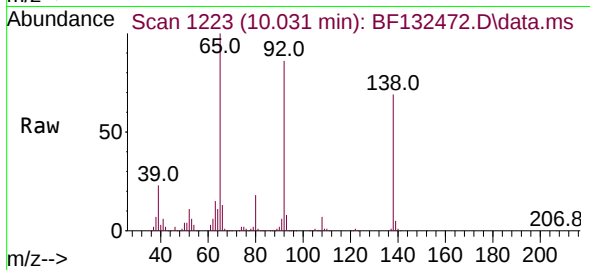
Tgt Ion:154 Resp: 1191619  
Ion Ratio Lower Upper  
154 100  
153 112.7 89.7 134.5  
152 55.0 43.4 65.0





#53  
3-Nitroaniline  
Concen: 40.979 ng  
RT: 10.031 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

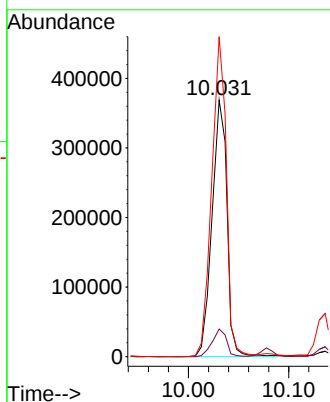
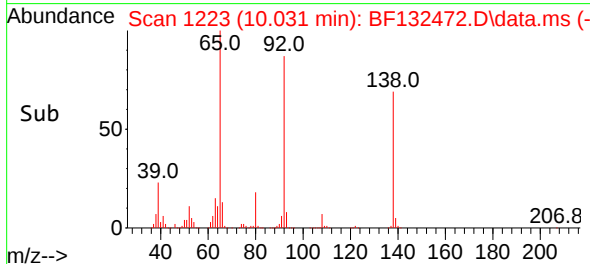
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 381593  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.1 12.1  
92 124.7 96.0 144.0

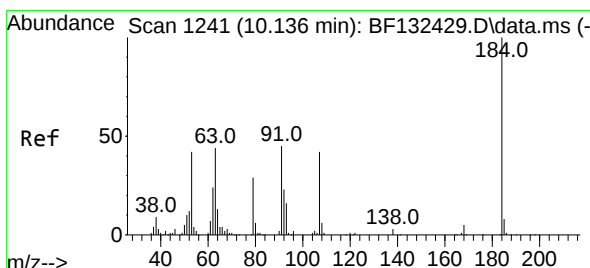
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Supervised By :Jagrut Upadhyay 02/21/2023

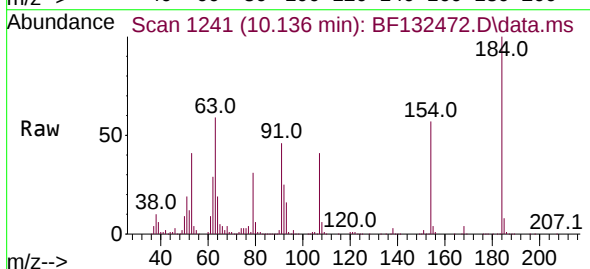


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Supervised By :Jagrut  
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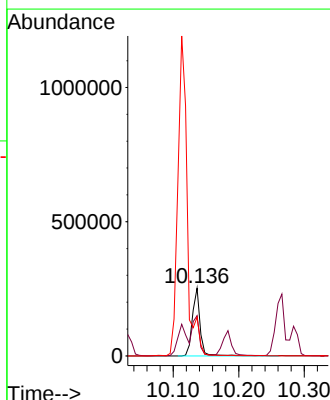
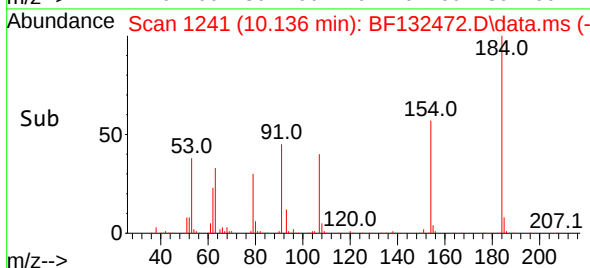
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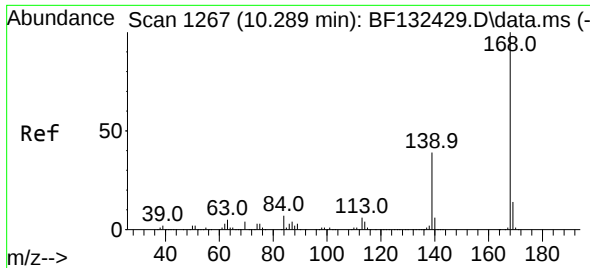


#54  
2,4-Dinitrophenol  
Concen: 44.002 ng  
RT: 10.136 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



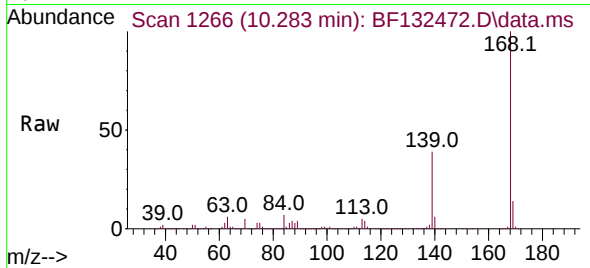
Tgt Ion:184 Resp: 209187  
Ion Ratio Lower Upper  
184 100  
63 59.3 47.0 70.6  
154 57.0 49.0 73.6





#55  
Dibenzenofuran  
Concen: 37.868 ng  
RT: 10.283 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

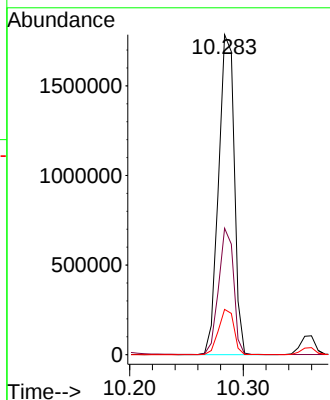
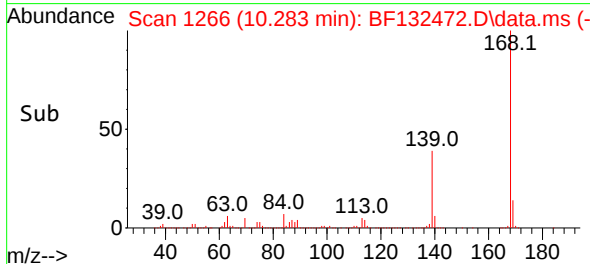
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 1709124  
Ion Ratio Lower Upper  
168 100  
139 39.5 31.0 46.4  
169 14.1 11.0 16.4

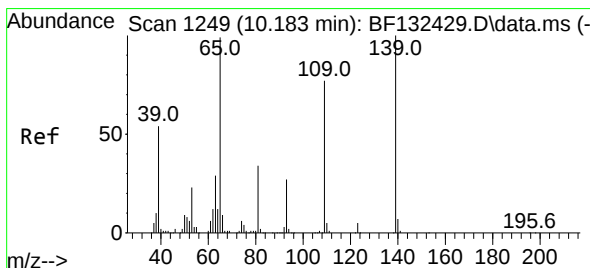
Manual Integrations  
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Supervised By :Jagrut Upadhyay 02/21/2023



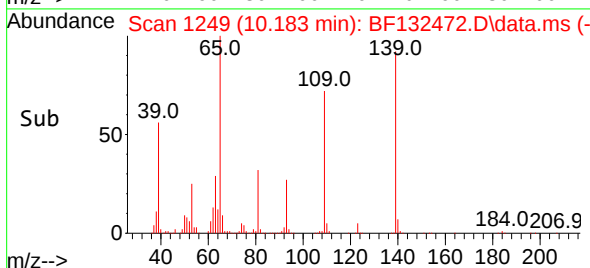
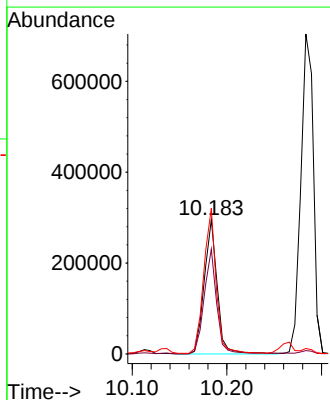
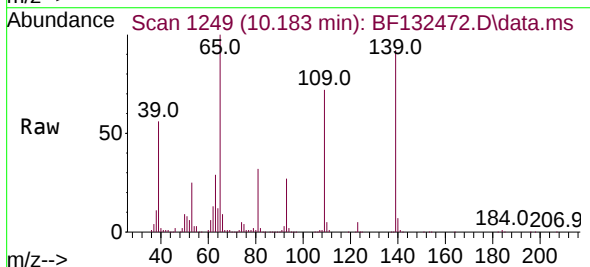
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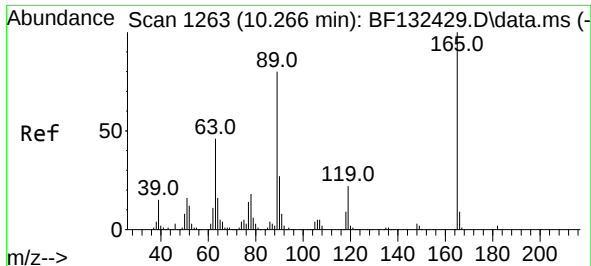
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#56  
4-Nitrophenol  
Concen: 41.752 ng  
RT: 10.183 min Scan# 1249  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

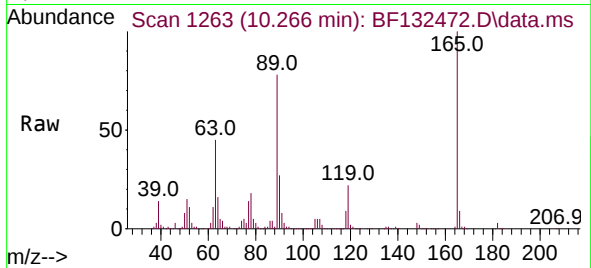
Tgt Ion:139 Resp: 282071  
Ion Ratio Lower Upper  
139 100  
109 78.0 57.2 97.2  
65 108.4 79.2 119.2





#57  
2,4-Dinitrotoluene  
Concen: 41.869 ng  
RT: 10.266 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

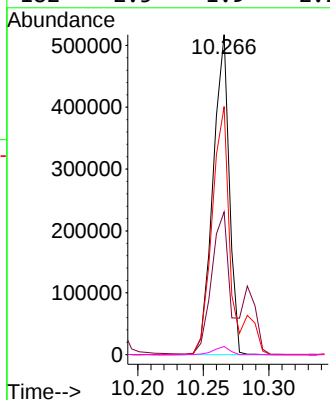
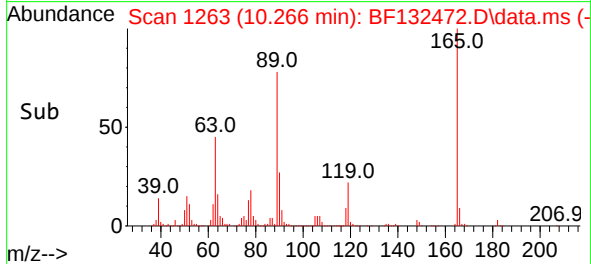
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 447016  
Ion Ratio Lower Upper  
165 100  
63 44.6 37.1 55.7  
89 77.5 63.6 95.4  
182 2.5 1.9 2.9

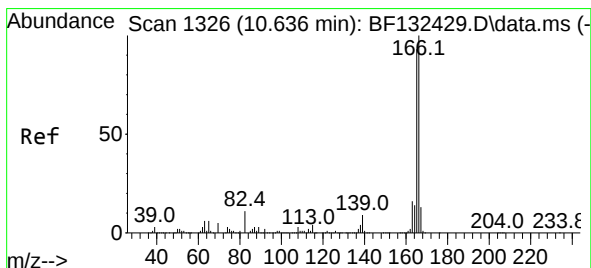
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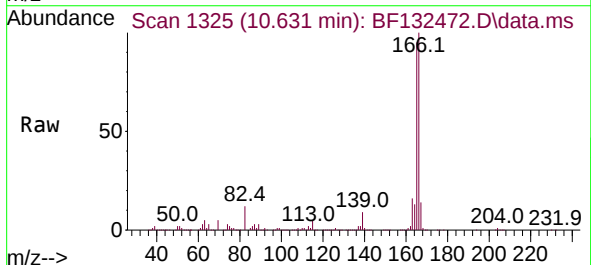


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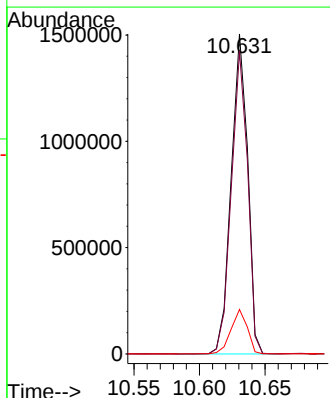
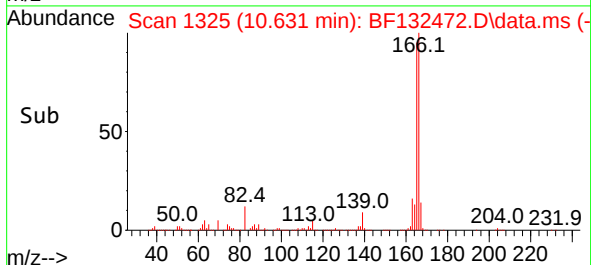
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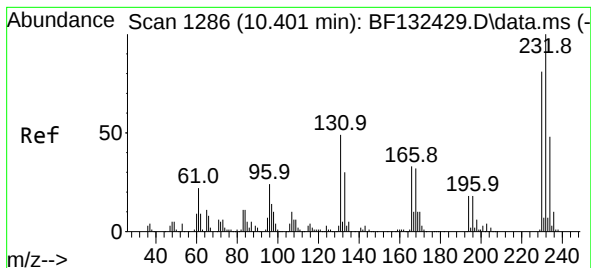


#58  
Fluorene  
Concen: 38.288 ng  
RT: 10.631 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



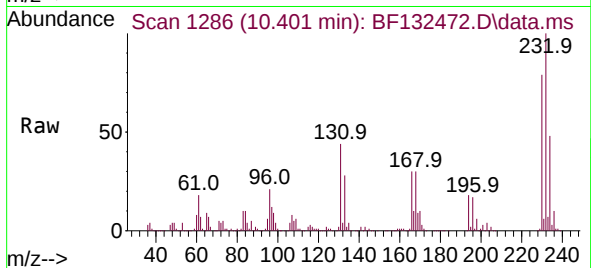
Tgt Ion:166 Resp: 1306507  
Ion Ratio Lower Upper  
166 100  
165 94.6 74.6 111.8  
167 13.9 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.855 ng  
RT: 10.401 min Scan# 1286  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

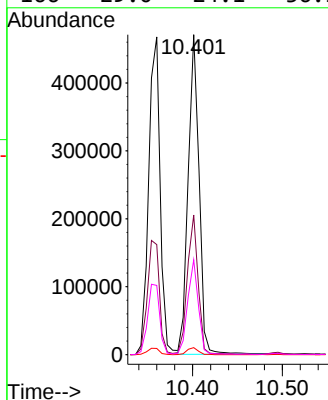
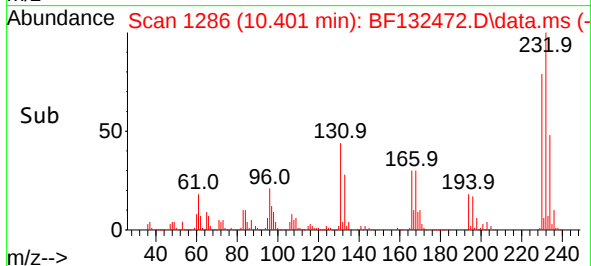
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 398286  
Ion Ratio Lower Upper  
232 100  
131 42.8 35.8 53.8  
130 2.2 1.8 2.8  
166 29.0 24.1 36.1

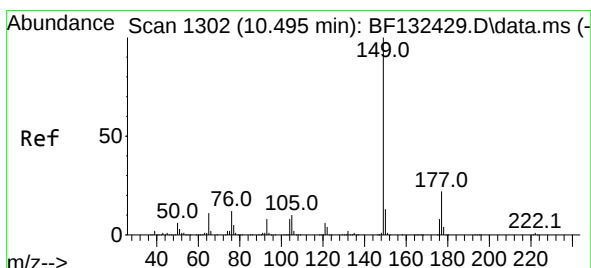
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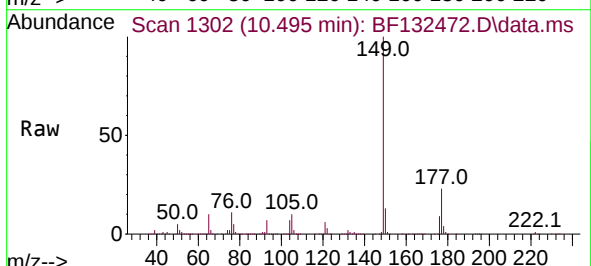


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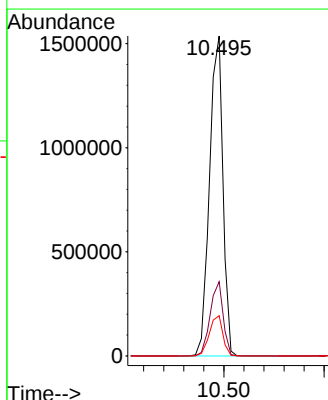
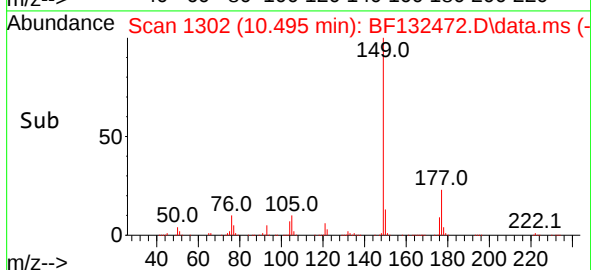
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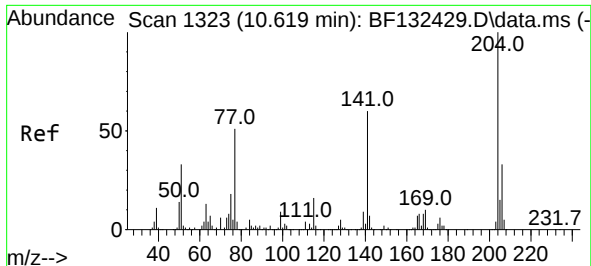


#60  
Diethylphthalate  
Concen: 38.759 ng  
RT: 10.495 min Scan# 1302  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



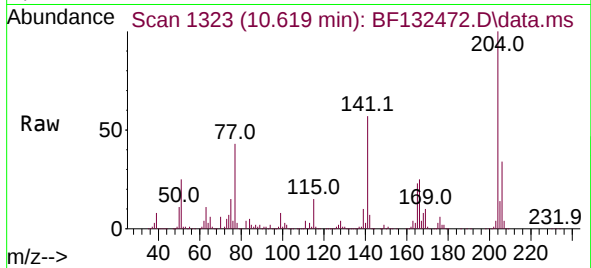
Tgt Ion:149 Resp: 1420949  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.8 26.8  
150 12.6 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 38.351 ng  
RT: 10.619 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

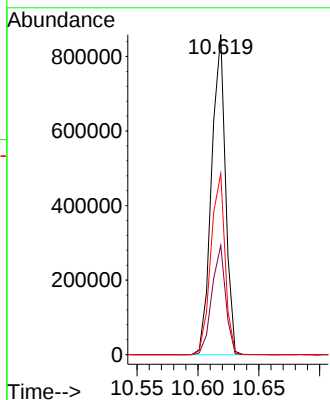
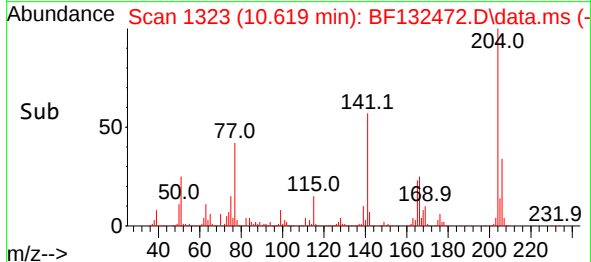
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 685314  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.3 39.5  
141 56.5 48.2 72.2

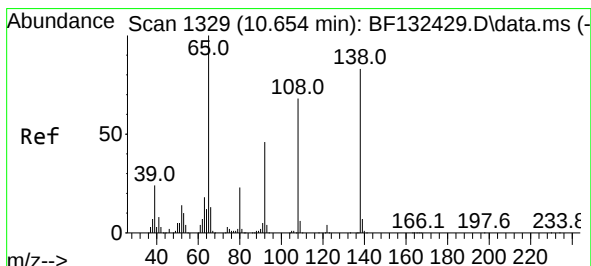
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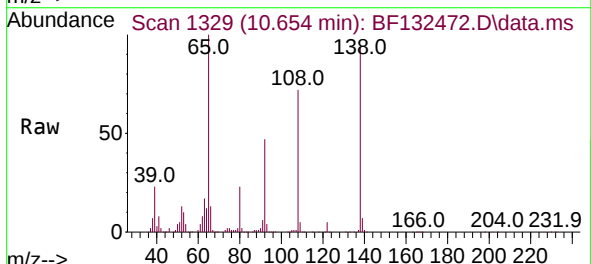


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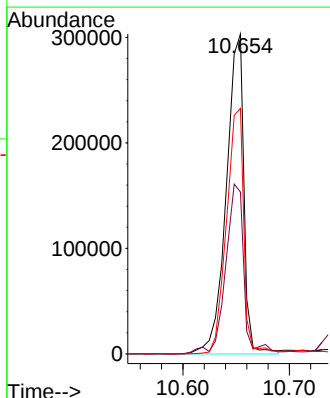
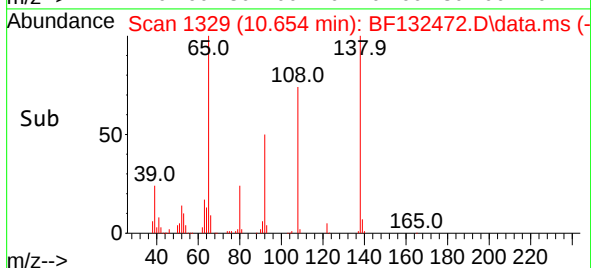
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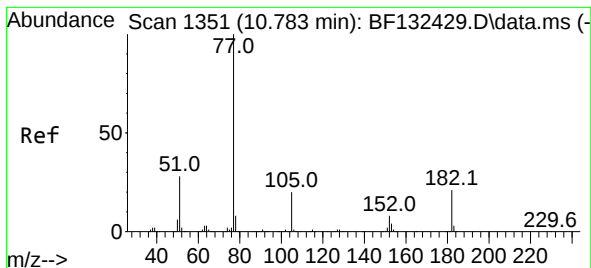


#62  
4-Nitroaniline  
Concen: 40.081 ng  
RT: 10.654 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



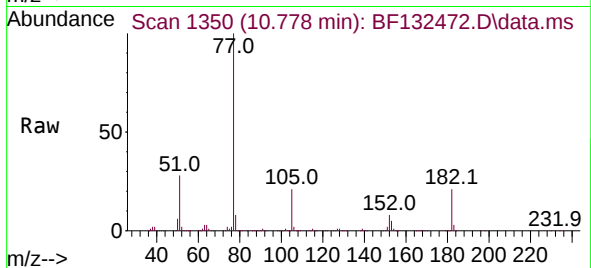
Tgt Ion:138 Resp: 348270  
Ion Ratio Lower Upper  
138 100  
92 50.6 35.9 75.9  
108 76.8 62.1 102.1





#63  
Azobenzene  
Concen: 38.287 ng  
RT: 10.778 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

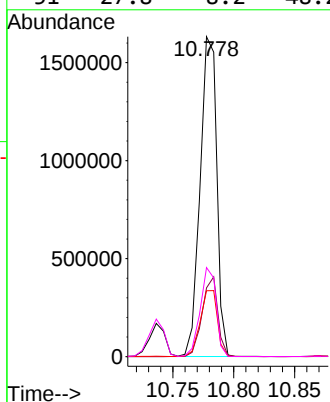
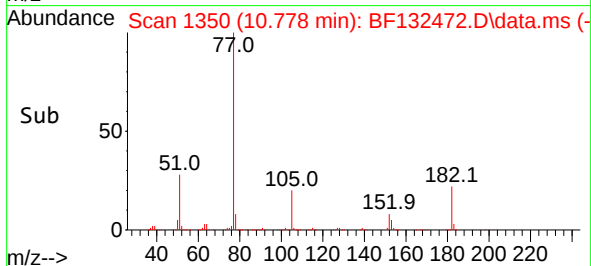
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 155308  
Ion Ratio Lower Upper  
77 100  
182 21.5 1.4 41.4  
105 20.6 0.1 40.1  
51 27.8 8.2 48.2

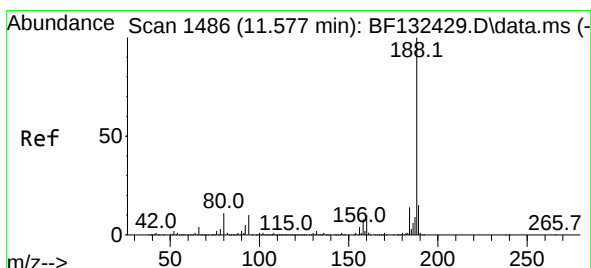
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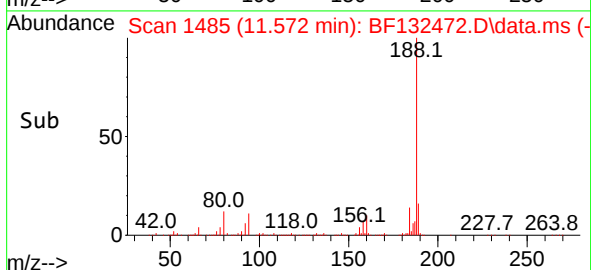
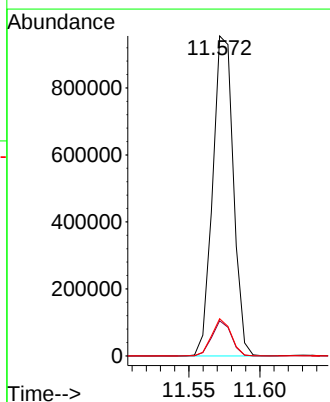
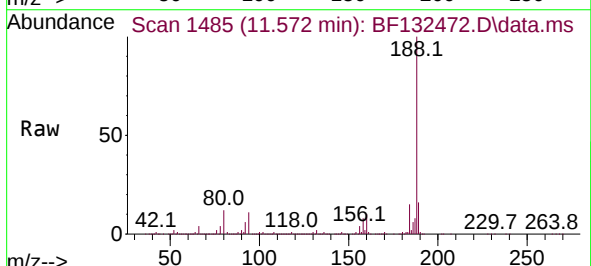
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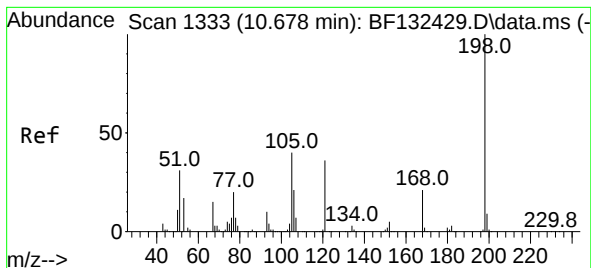
02/21/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.572 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

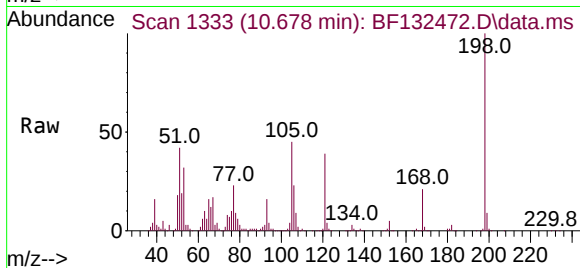
Tgt Ion:188 Resp: 970024  
Ion Ratio Lower Upper  
188 100  
94 11.0 8.0 12.0  
80 11.6 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.337 ng  
RT: 10.678 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

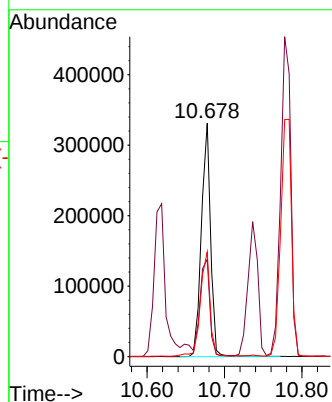
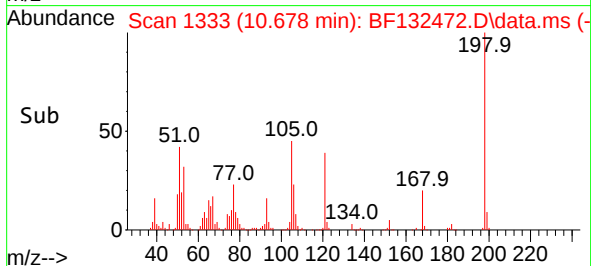
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 273417  
Ion Ratio Lower Upper  
198 100  
51 41.6 17.4 57.4  
105 44.9 21.3 61.3

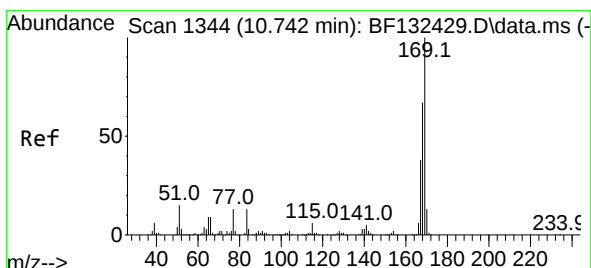
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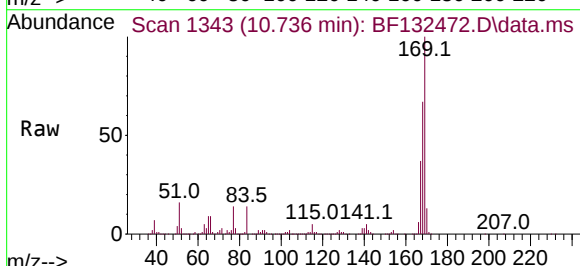


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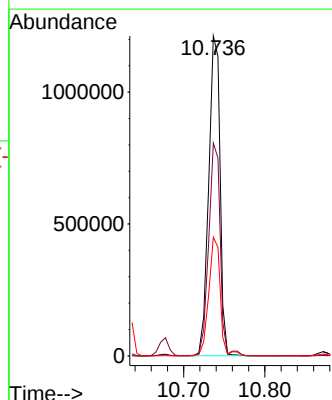
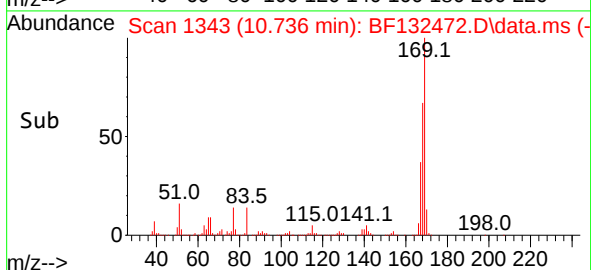
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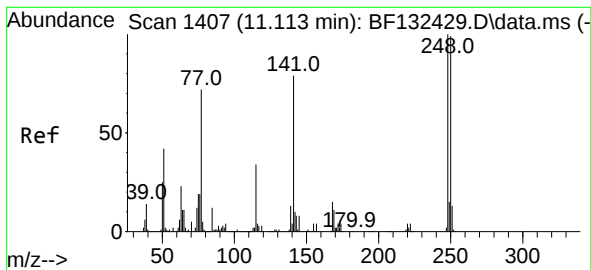


#66  
n-Nitrosodiphenylamine  
Concen: 39.685 ng  
RT: 10.736 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



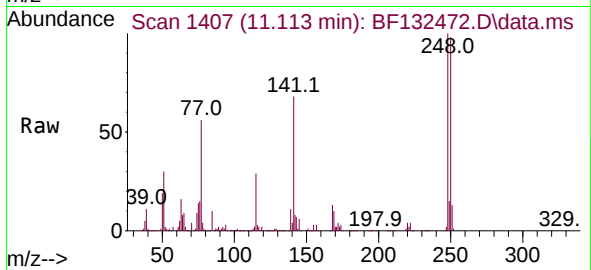
Tgt Ion:169 Resp: 1181519  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.5 80.3  
167 37.1 30.2 45.2





#67  
4-Bromophenyl-phenylether  
Concen: 40.846 ng  
RT: 11.113 min Scan# 1407  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

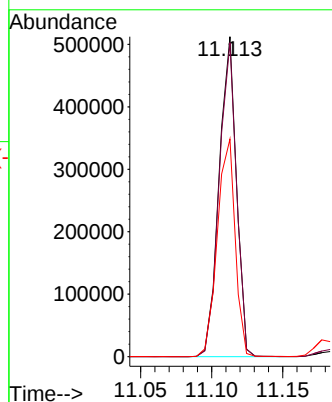
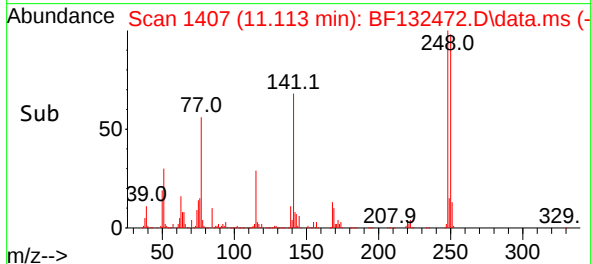
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:248 Resp: 43425  
Ion Ratio Lower Upper  
248 100  
250 98.1 79.0 118.4  
141 68.0 63.3 94.9

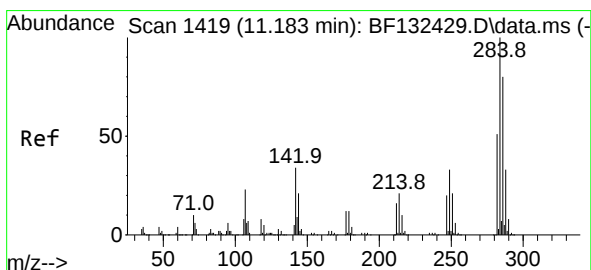
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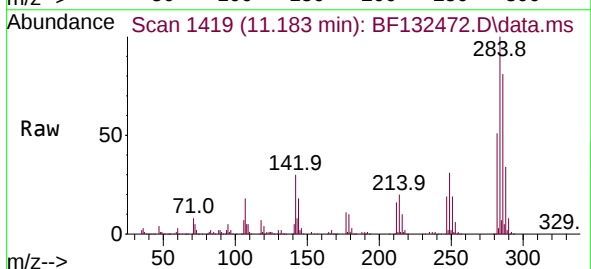


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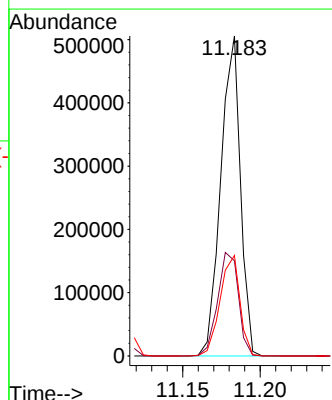
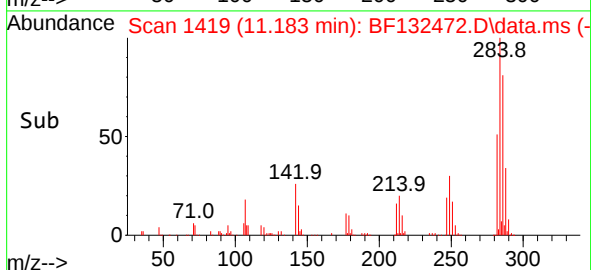
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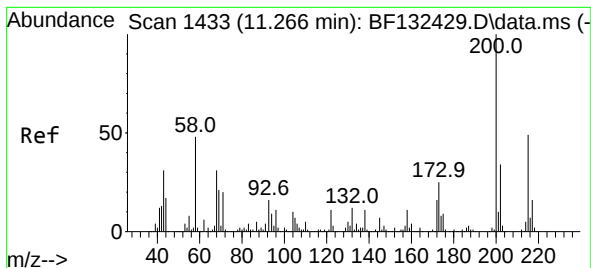


#68  
Hexachlorobenzene  
Concen: 40.086 ng  
RT: 11.183 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54



Tgt Ion:284 Resp: 445487  
Ion Ratio Lower Upper  
284 100  
142 29.7 27.5 41.3  
249 31.4 26.2 39.4





#69

Atrazine

Concen: 40.937 ng

RT: 11.266 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

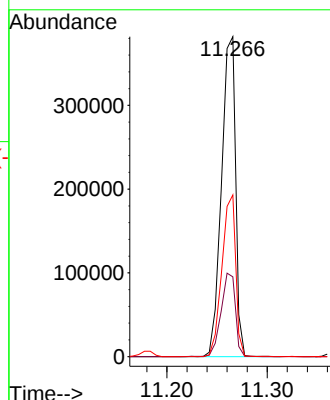
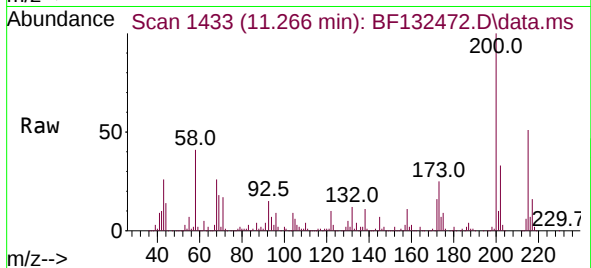
ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 37514  
 Ion Ratio Lower Upper  
 200 100  
 173 24.9 5.3 45.3  
 215 50.5 29.1 69.1

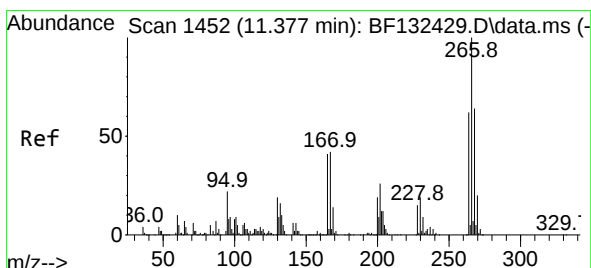
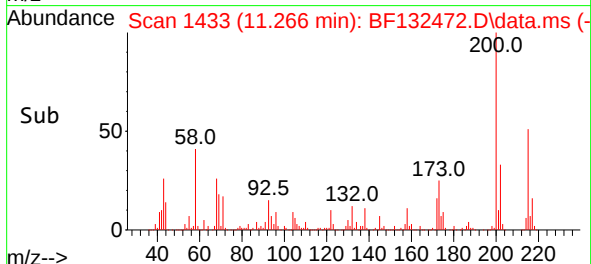
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 Upadhyay

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#70

Pentachlorophenol

Concen: 43.411 ng

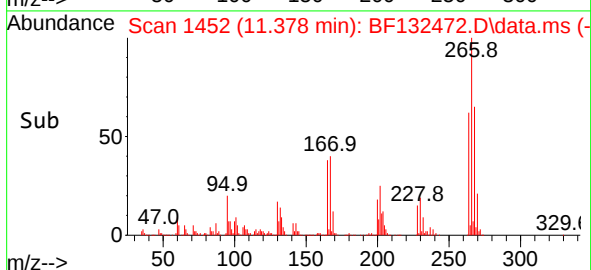
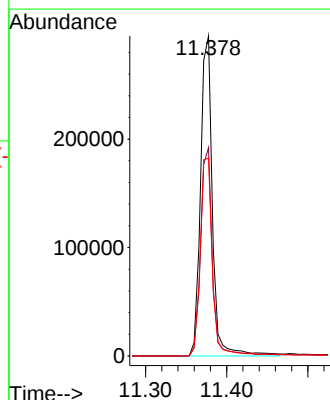
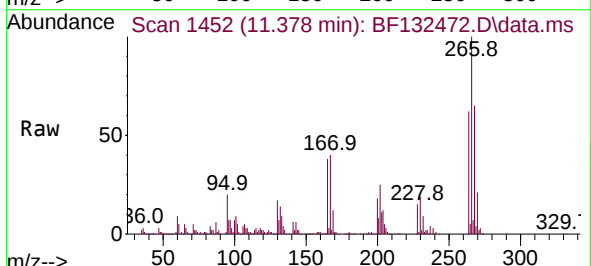
RT: 11.378 min Scan# 1452

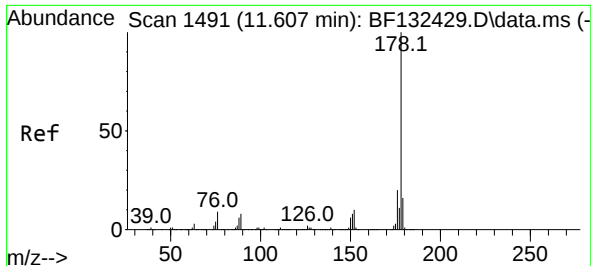
Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Tgt Ion:266 Resp: 299943  
 Ion Ratio Lower Upper  
 266 100  
 268 65.1 51.0 76.4  
 264 61.8 49.8 74.6





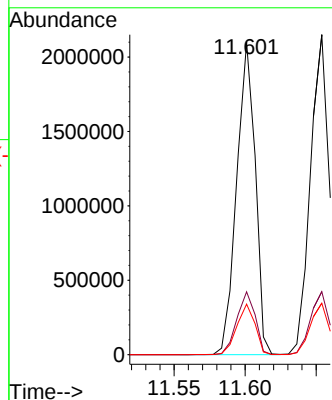
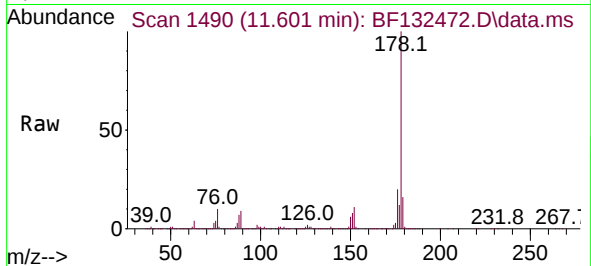
#71  
Phenanthrene  
Concen: 38.086 ng  
RT: 11.601 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

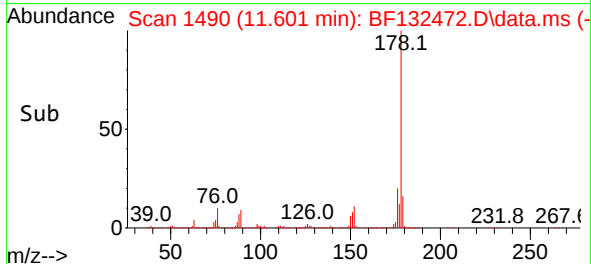
Tgt Ion:178 Resp: 1902804  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.2 24.2  
179 16.1 12.6 18.8

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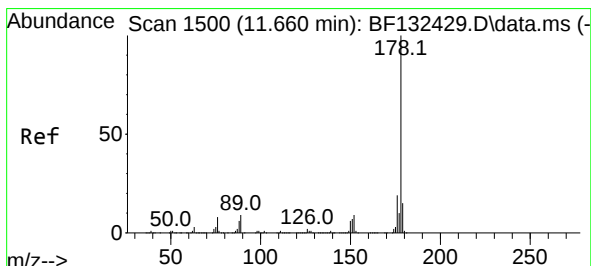
Reviewed By :Christian Giraldo 02/21/2023  
Supervised By :Jagrut Upadhyay 02/21/2023



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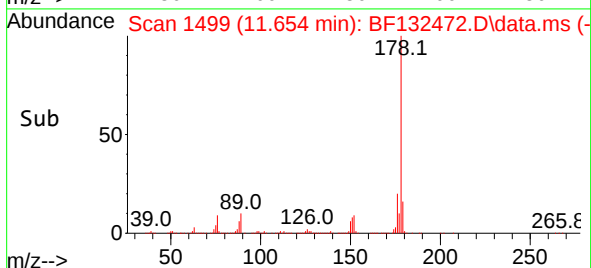
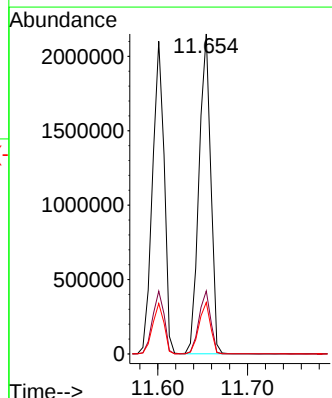
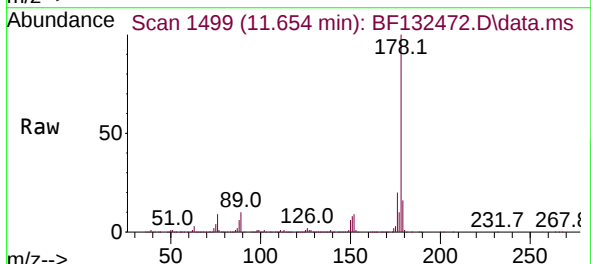


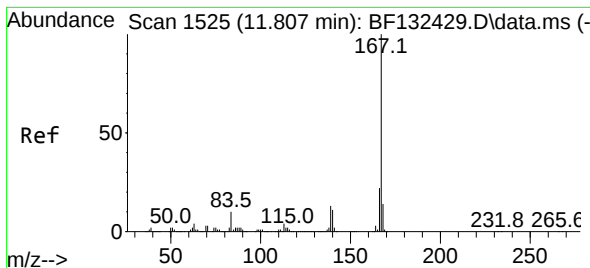
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#72  
Anthracene  
Concen: 38.032 ng  
RT: 11.654 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

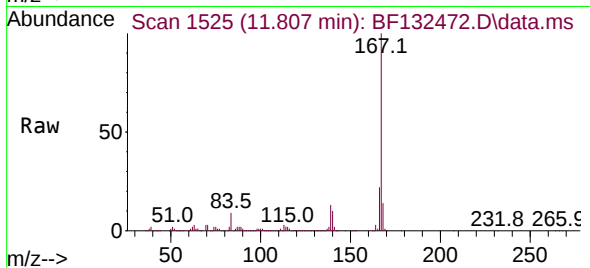
Tgt Ion:178 Resp: 1953296  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.2  
179 16.1 12.4 18.6





#73  
 Carbazole  
 Concen: 38.475 ng  
 RT: 11.807 min Scan# 1525  
 Delta R.T. 0.006 min  
 Lab File: BF132472.D  
 Acq: 20 Feb 2023 10:54

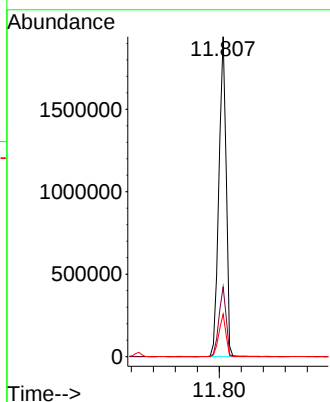
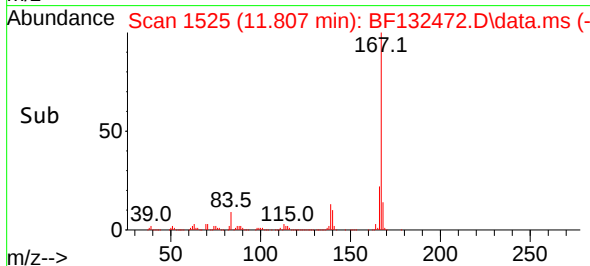
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:167 Resp: 1778744  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.8 26.8  
 139 13.3 10.7 16.1

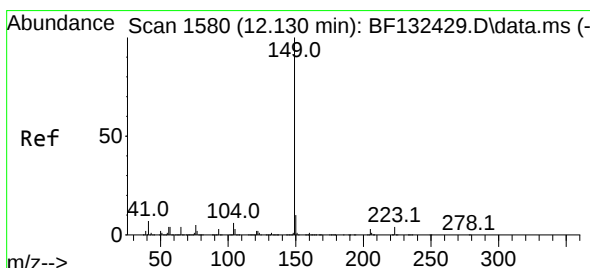
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 Supervised By :Jagrut Upadhyay 02/21/2023

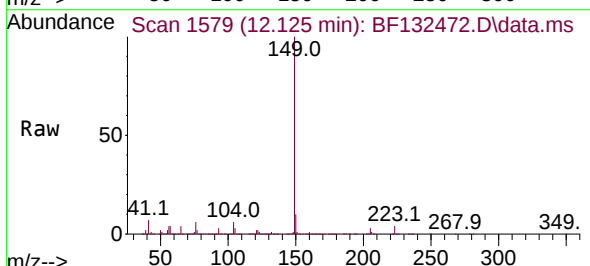


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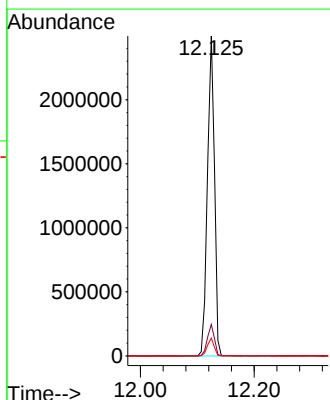
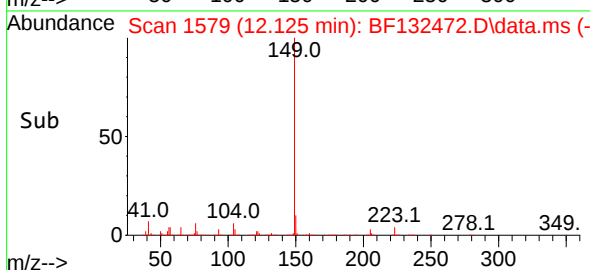
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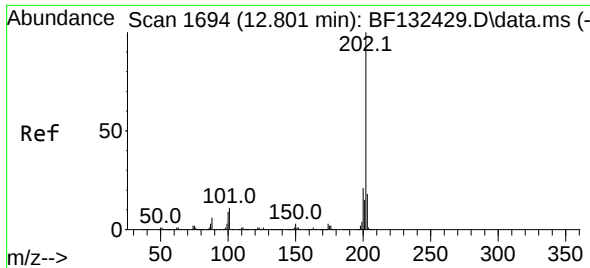


#74  
 Di-n-butylphthalate  
 Concen: 39.261 ng  
 RT: 12.125 min Scan# 1579  
 Delta R.T. 0.006 min  
 Lab File: BF132472.D  
 Acq: 20 Feb 2023 10:54



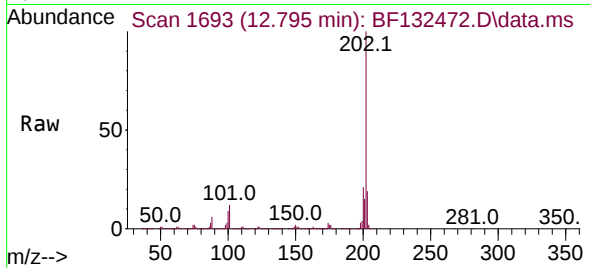
Tgt Ion:149 Resp: 2161937  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.6 11.4  
 104 5.6 4.5 6.7





#75  
Fluoranthene  
Concen: 37.910 ng  
RT: 12.795 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

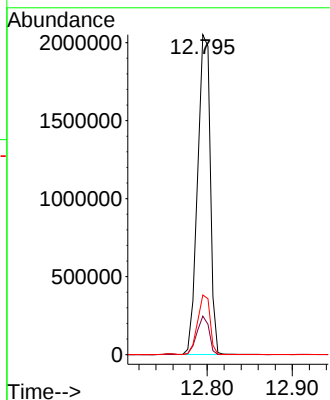
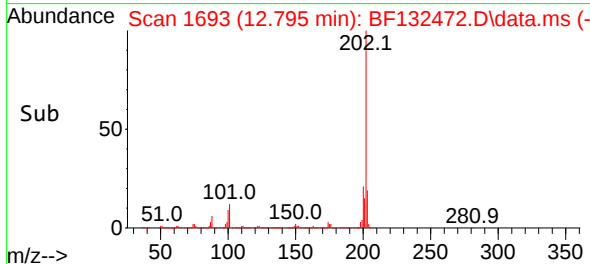
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 2112226  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 31.3  
203 18.6 0.0 37.8

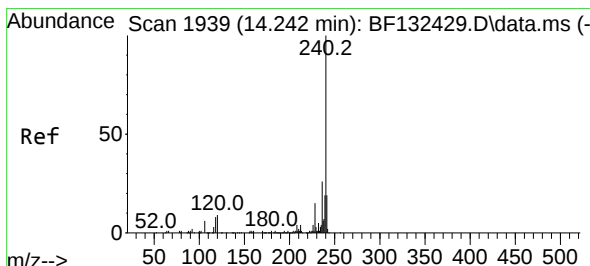
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/21/2023  
Supervised By :Jagrut Upadhyay 02/21/2023



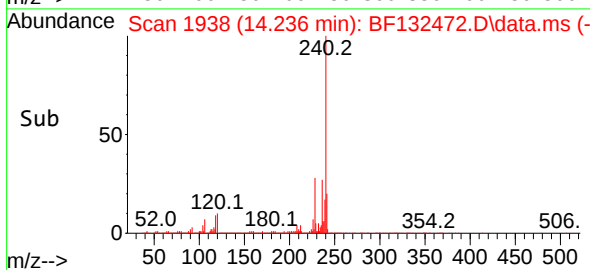
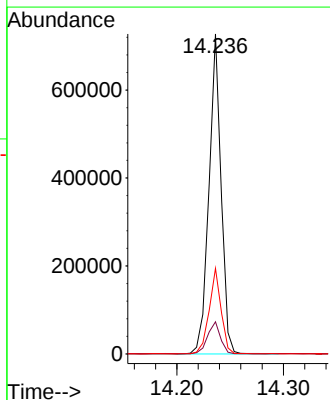
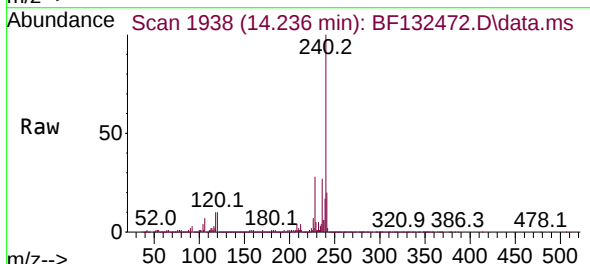
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Supervised By :Jagrut  
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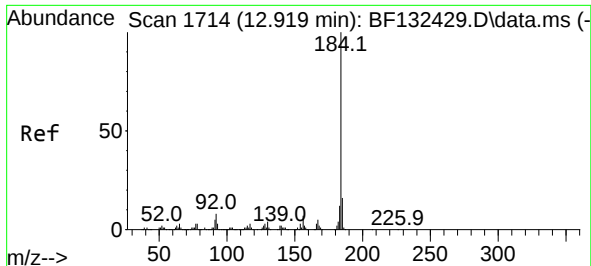
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.236 min Scan# 1938  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

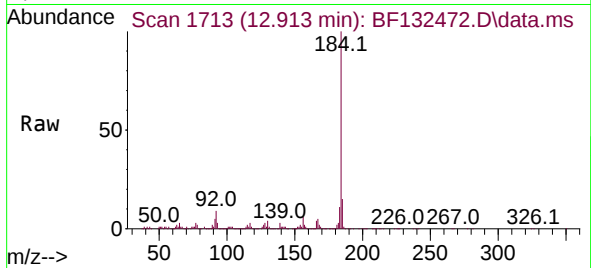
Tgt Ion:240 Resp: 574391  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.5 11.3  
236 26.7 21.0 31.6





#77  
Benzidine  
Concen: 29.199 ng  
RT: 12.913 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

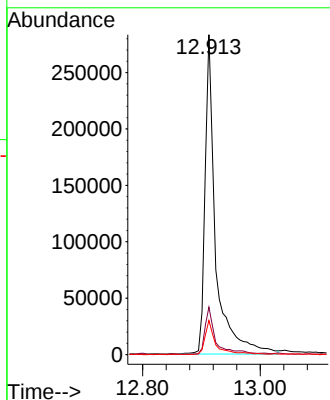
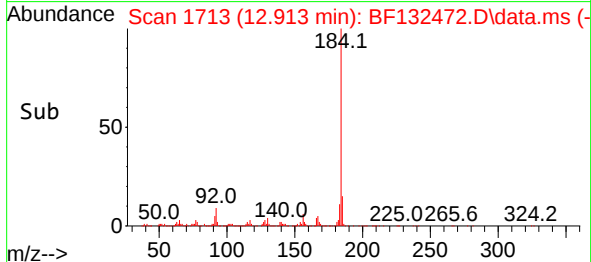
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 357136  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.4 18.6  
183 10.7 9.2 13.8

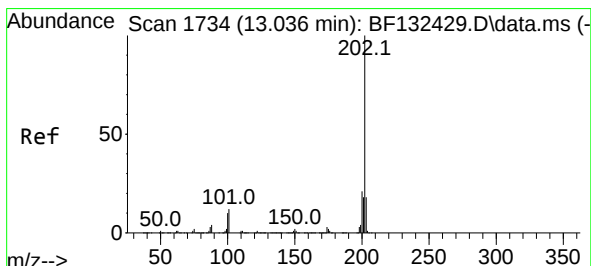
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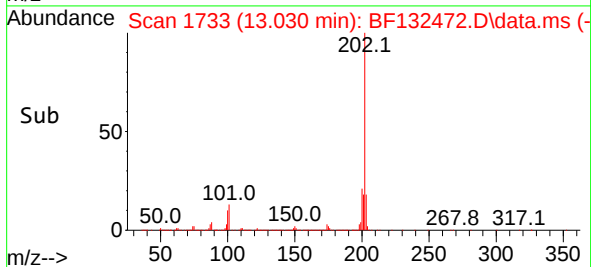
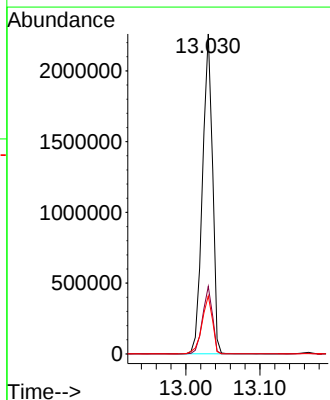
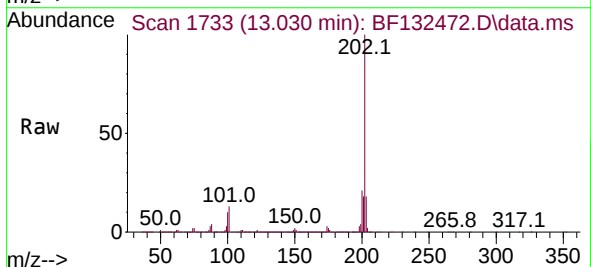
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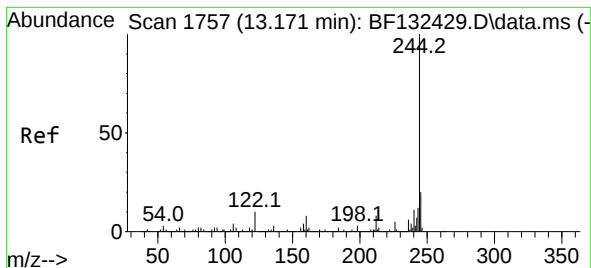
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#78  
Pyrene  
Concen: 43.377 ng  
RT: 13.030 min Scan# 1733  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:202 Resp: 2116538  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.6 25.0  
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 84.524 ng

RT: 13.166 min Scan# 1757

Delta R.T. 0.006 min

Lab File: BF132472.D

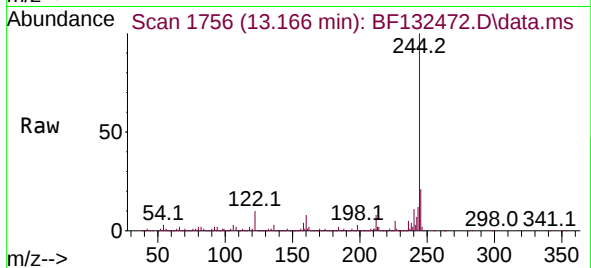
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 2665808

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

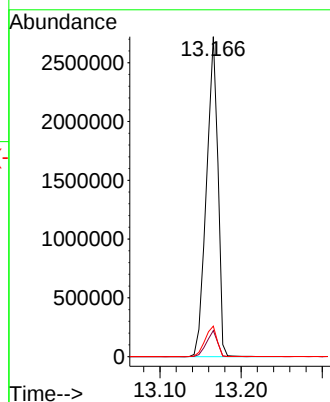
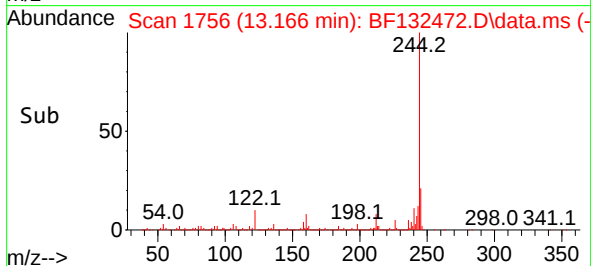
122 9.5 7.7 11.5

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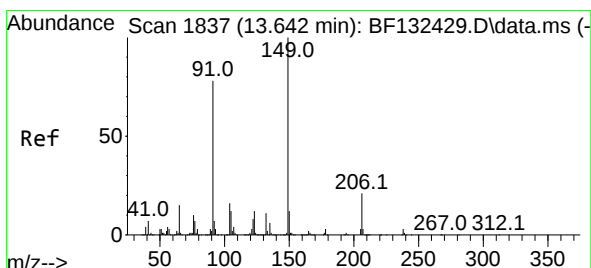
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#80

Butylbenzylphthalate

Concen: 46.872 ng

RT: 13.636 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

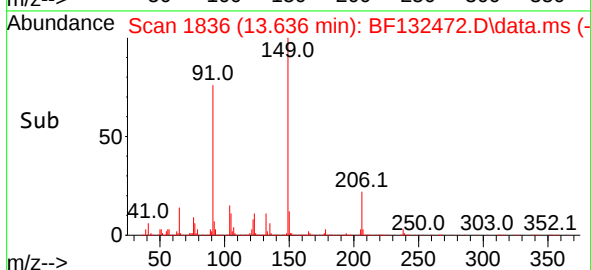
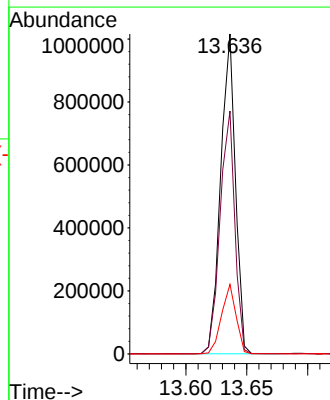
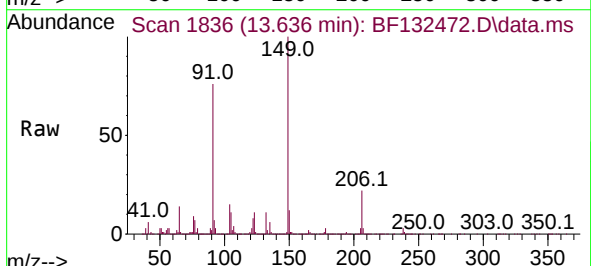
Tgt Ion:149 Resp: 853423

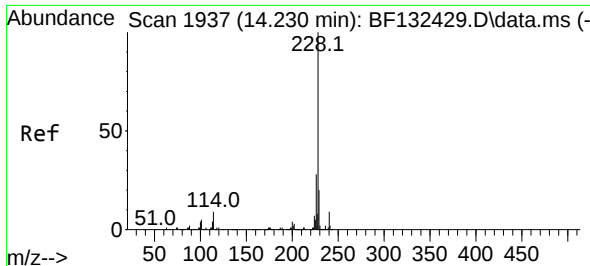
Ion Ratio Lower Upper

149 100

91 75.9 62.8 94.2

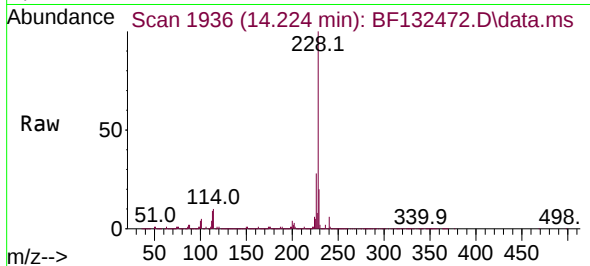
206 21.7 16.9 25.3





#81  
Benzo(a)anthracene  
Concen: 40.213 ng  
RT: 14.224 min Scan# 1936  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

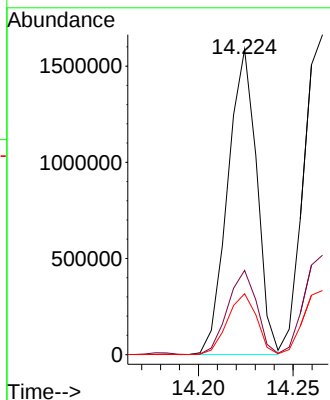
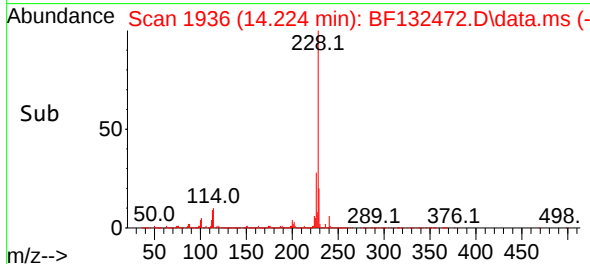
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 1691716  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.6 34.0  
229 19.9 16.2 24.4

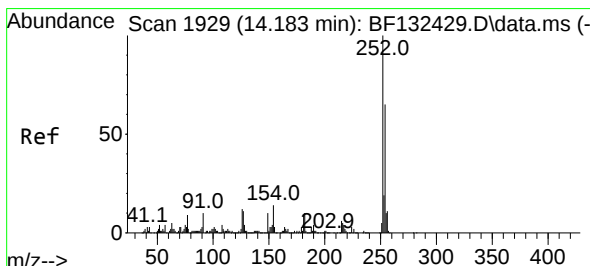
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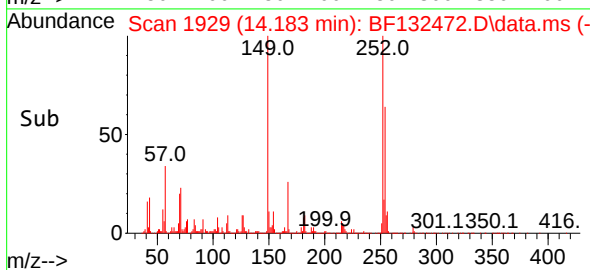
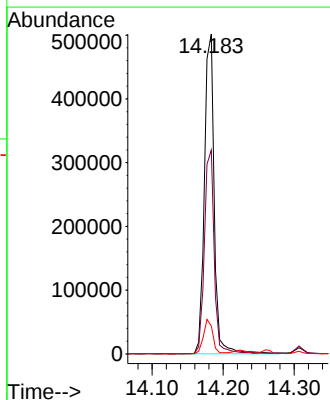
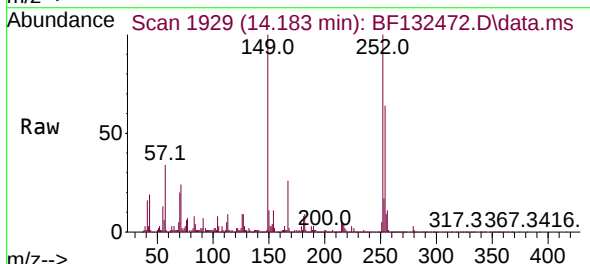
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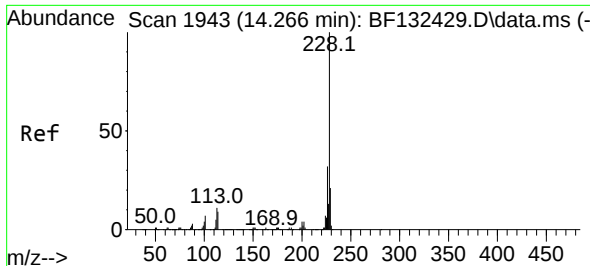
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#82  
3,3'-Dichlorobenzidine  
Concen: 42.380 ng  
RT: 14.183 min Scan# 1929  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:252 Resp: 476217  
Ion Ratio Lower Upper  
252 100  
254 63.7 52.2 78.2  
126 8.7 9.6 14.4#





#83  
Chrysene  
Concen: 38.780 ng  
RT: 14.266 min Scan# 1943  
Delta R.T. 0.006 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

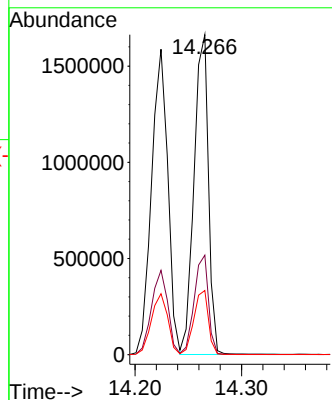
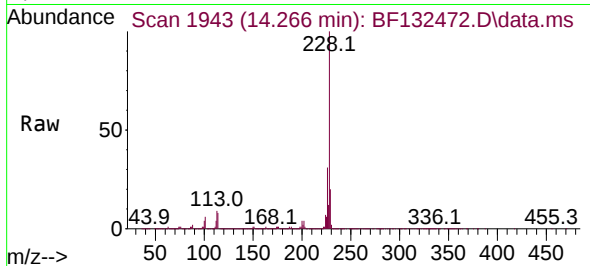
ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1558742  
Ion Ratio Lower Upper  
228 100  
226 31.1 25.4 38.2  
229 20.0 16.6 25.0

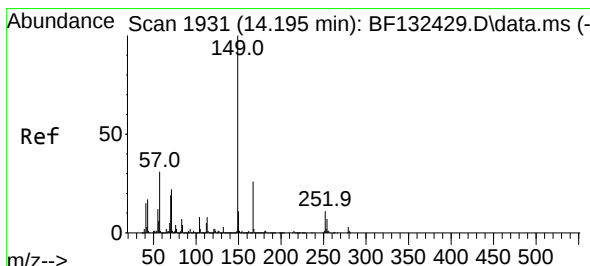
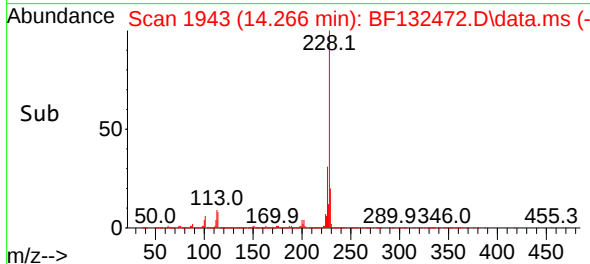
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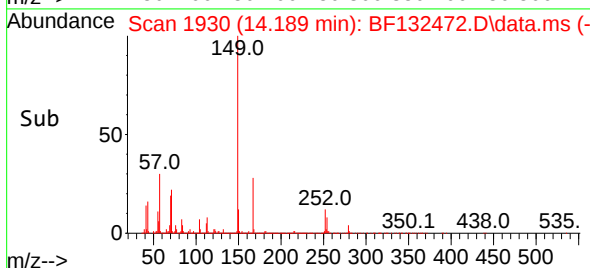
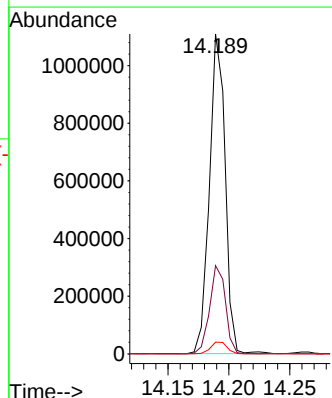
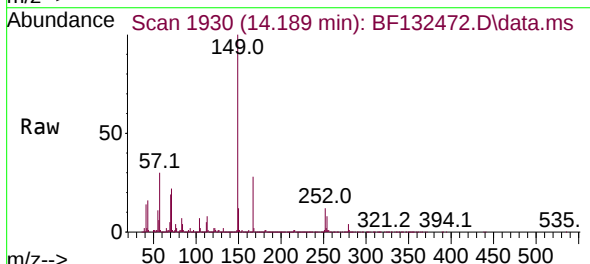
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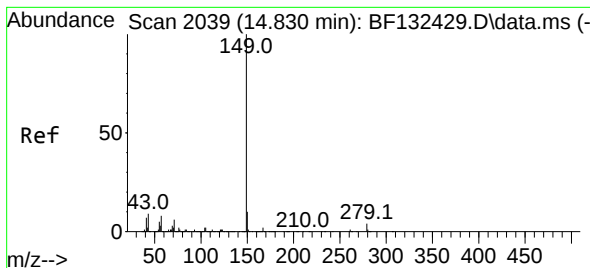
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.341 ng  
RT: 14.189 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

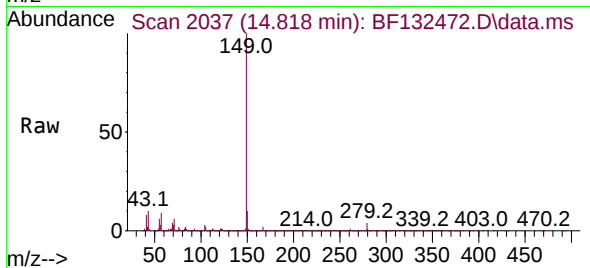
Tgt Ion:149 Resp: 997984  
Ion Ratio Lower Upper  
149 100  
167 27.6 21.0 31.6  
279 3.7 2.5 3.7





#85  
Di-n-octyl phthalate  
Concen: 43.299 ng  
RT: 14.818 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

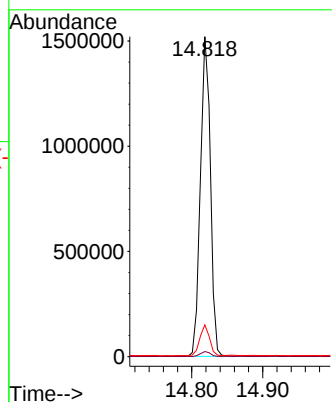
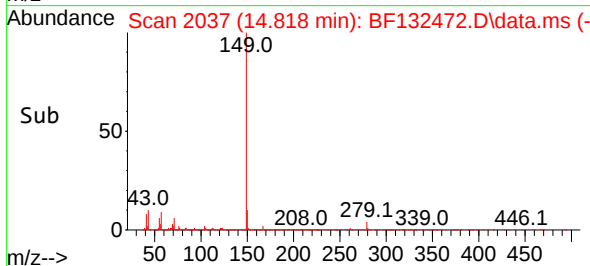
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 1481894  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.3 8.0 12.0

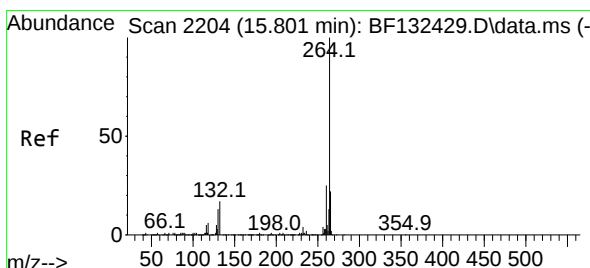
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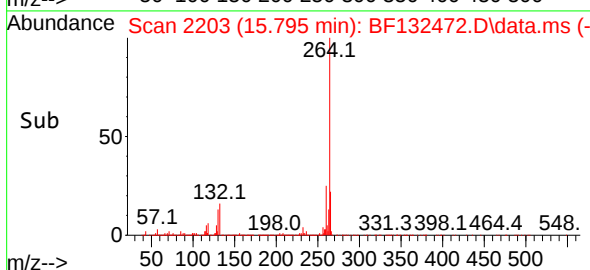
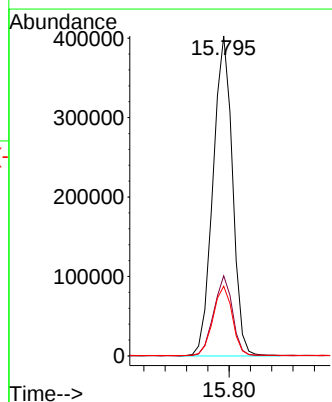
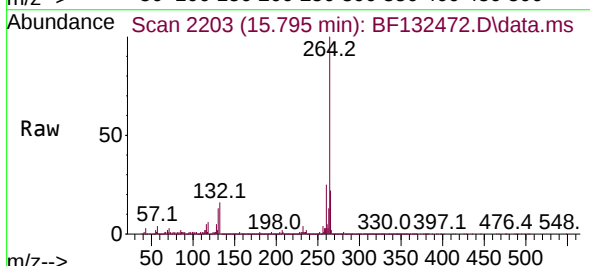
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Upadhyay

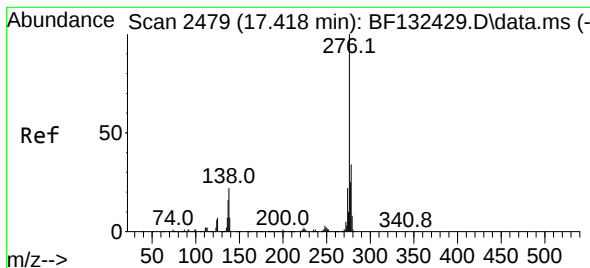
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.795 min Scan# 2203  
Delta R.T. 0.012 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:264 Resp: 511609  
Ion Ratio Lower Upper  
264 100  
260 25.0 20.0 30.0  
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.203 ng

RT: 17.424 min Scan# 2479

Delta R.T. 0.024 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1543733

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

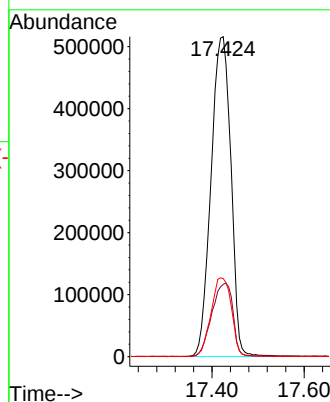
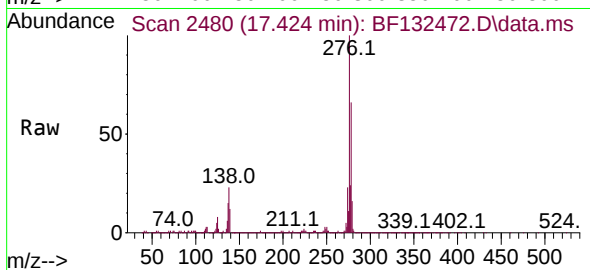
277 25.2 20.0 30.0

Manual Integrations

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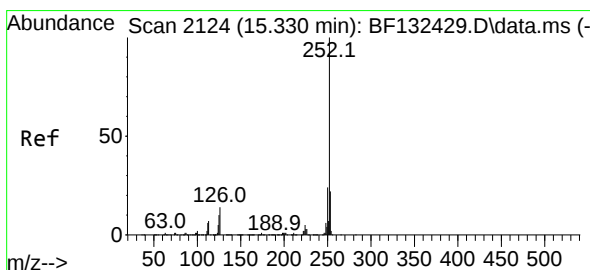
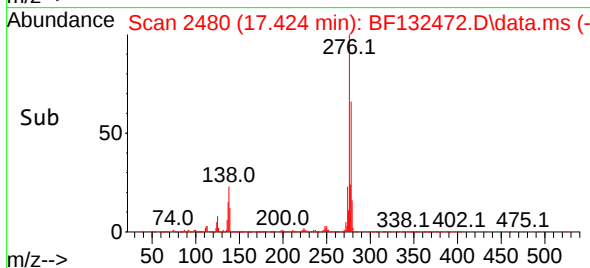
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02/21/2023



#88

Benzo(b)fluoranthene

Concen: 39.010 ng

RT: 15.330 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

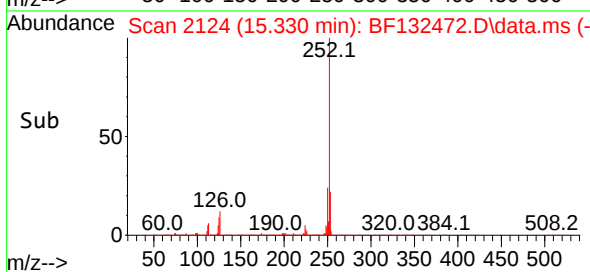
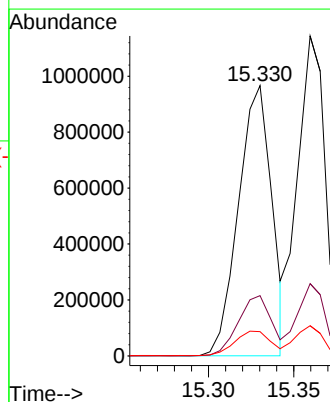
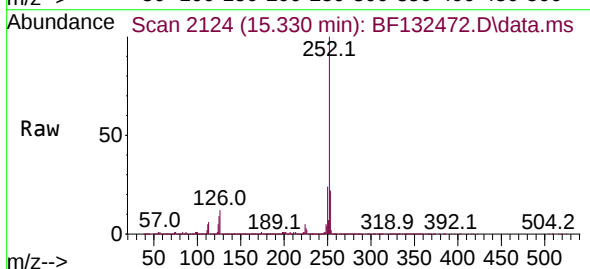
Tgt Ion:252 Resp: 1312461

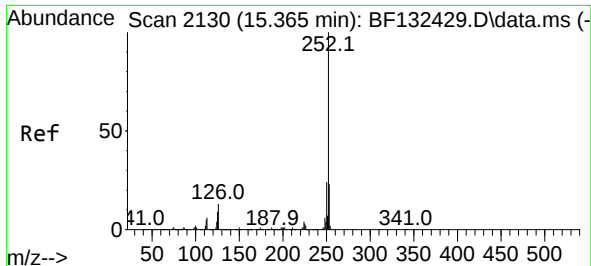
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.0 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 38.503 ng

RT: 15.360 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNF

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1296326

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

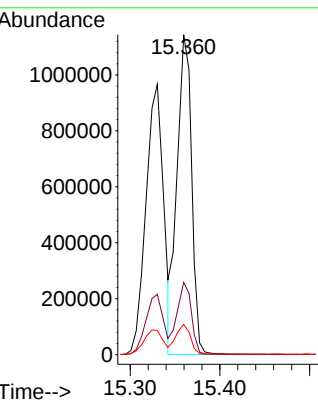
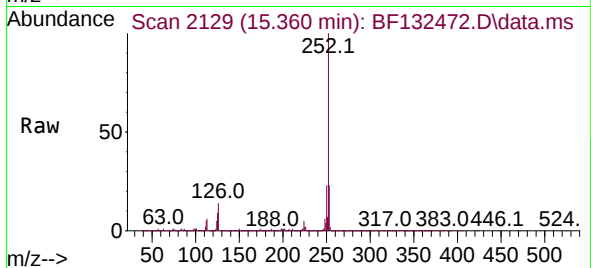
125 9.4 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023

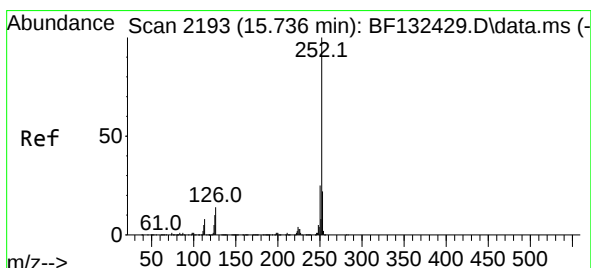
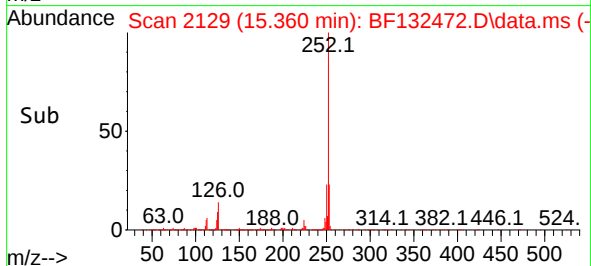
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#90

Benzo(a)pyrene

Concen: 40.622 ng

RT: 15.730 min Scan# 2192

Delta R.T. 0.012 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

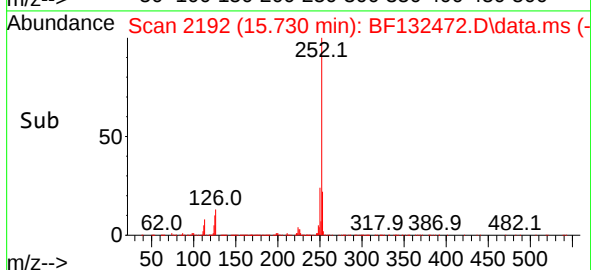
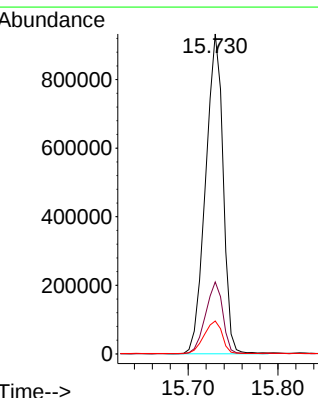
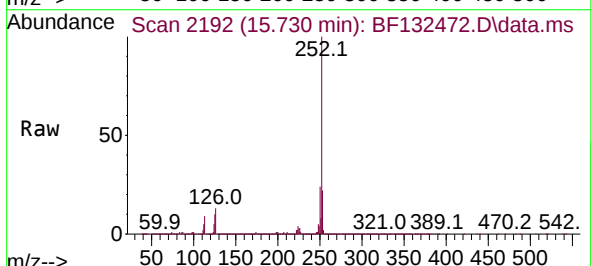
Tgt Ion:252 Resp: 1270090

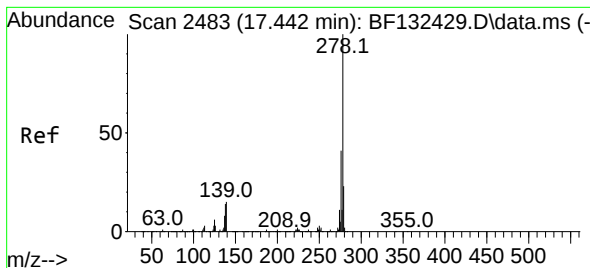
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

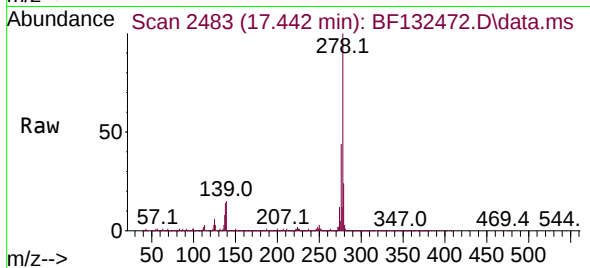
125 10.3 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 46.784 ng  
RT: 17.442 min Scan# 2483  
Delta R.T. 0.024 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

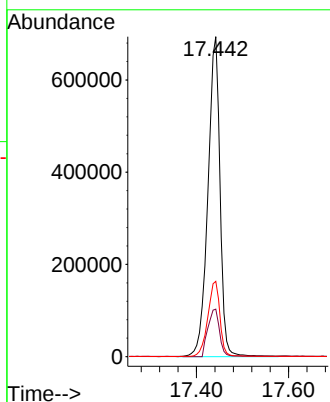
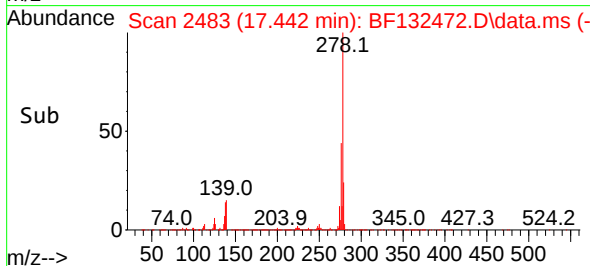
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:278 Resp: 126017  
Ion Ratio Lower Upper  
278 100  
139 14.8 12.2 18.2  
279 23.6 18.8 28.2

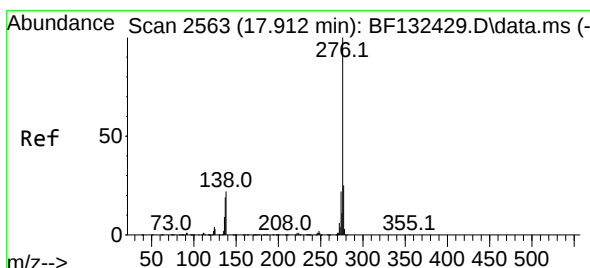
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/21/2023  
Supervised By :Jagrut Upadhyay 02/21/2023



02/21/2023  
Supervised By :Jagrut  
Upadhyay

02/21/2023



#92  
Benzo(g,h,i)perylene  
Concen: 48.148 ng  
RT: 17.918 min Scan# 2564  
Delta R.T. 0.024 min  
Lab File: BF132472.D  
Acq: 20 Feb 2023 10:54

Tgt Ion:276 Resp: 1331901  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.6 29.4  
138 20.6 17.7 26.5

