

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
 Data File : BF132516.D  
 Acq On : 23 Feb 2023 12:44  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/24/2023  
 Supervised By : Jagrut Upadhyay 02/24/2023

Quant Time: Feb 24 00:35:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.013  | 152  | 202609   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.295  | 136  | 696692   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.060 | 164  | 373136   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.554 | 188  | 739096   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.213 | 240  | 455920   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.765 | 264  | 412064   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.637  | 112  | 977223   | 78.279 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.643  | 99   | 1285799  | 78.920 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.578  | 82   | 1213459  | 82.636 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.854 | 330  | 334051   | 82.897 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.378  | 172  | 1839764  | 75.076 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.148 | 244  | 2180637  | 80.867 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.884  | 88   | 287712   | 41.664 | ng    | 99       |
| 3) Pyridine                   | 3.660  | 79   | 724125   | 39.505 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.619  | 42   | 279215   | 40.327 | ng    | 99       |
| 6) Aniline                    | 6.678  | 93   | 915822   | 41.769 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.801  | 128  | 515570   | 39.792 | ng    | 94       |
| 9) Benzaldehyde               | 6.560  | 77   | 327336   | 37.234 | ng    | 97       |
| 10) Phenol                    | 6.654  | 94   | 750736   | 40.191 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.742  | 93   | 570667   | 39.575 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.954  | 146  | 552189   | 39.714 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.031  | 146  | 551880   | 39.751 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.184  | 146  | 503130   | 37.761 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.148  | 79   | 514868   | 41.033 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.278  | 45   | 732503   | 39.835 | ng    | 98       |
| 17) 2-Methylphenol            | 7.260  | 107  | 487273   | 40.297 | ng    | 99       |
| 18) Hexachloroethane          | 7.525  | 117  | 217144   | 40.034 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.425  | 70   | 382813   | 38.178 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.413  | 107  | 560989   | 35.910 | ng    | # 88     |
| 22) Acetophenone              | 7.419  | 105  | 706803   | 40.234 | ng    | # 94     |
| 24) Nitrobenzene              | 7.595  | 77   | 650658   | 41.431 | ng    | 96       |
| 25) Isophorone                | 7.831  | 82   | 1153050  | 40.956 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.913  | 139  | 293481   | 42.354 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.942  | 122  | 446571   | 40.834 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 8.037  | 93   | 684598   | 41.568 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.154  | 162  | 452986   | 41.639 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.237  | 180  | 491956   | 41.646 | ng    | 99       |
| 31) Naphthalene               | 8.319  | 128  | 1448804  | 40.621 | ng    | 100      |
| 32) Benzoic acid              | 8.066  | 122  | 355613m  | 41.802 | ng    |          |
| 33) 4-Chloroaniline           | 8.366  | 127  | 654212   | 42.804 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.431  | 225  | 307695   | 40.990 | ng    | 100      |
| 35) Caprolactam               | 8.748  | 113  | 155009   | 43.220 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.848  | 107  | 502139   | 42.030 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 9.013  | 142  | 998771   | 41.091 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.113  | 142  | 931312   | 41.000 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.178  | 216  | 503116   | 41.212 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.160  | 237  | 289434   | 43.711 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.289  | 196  | 342759   | 41.429 | ng    | 99       |

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Instrument :  
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Manual Integrations  
 APPROVED

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 Supervised By : Jagrut Upadhyay 02/24/2023

Quant Time: Feb 24 00:35:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.336  | 196  | 411792   | 42.645 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.478  | 154  | 1152933  | 40.823 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.507  | 162  | 915067   | 40.867 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.601  | 65   | 348137   | 42.214 | ng    | 97       |
| 49) Acenaphthylene            | 9.925  | 152  | 1464047  | 41.083 | ng    | 99       |
| 50) Dimethylphthalate         | 9.778  | 163  | 1119701  | 41.212 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.842  | 165  | 263138   | 42.528 | ng    | 95       |
| 52) Acenaphthene              | 10.095 | 154  | 939014   | 41.496 | ng    | 99       |
| 53) 3-Nitroaniline            | 10.013 | 138  | 300123   | 43.361 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 10.119 | 184  | 157240   | 41.242 | ng    | 92       |
| 55) Dibenzofuran              | 10.266 | 168  | 1342985  | 40.710 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.172 | 139  | 231540   | 44.857 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.248 | 165  | 355060   | 43.134 | ng    | 94       |
| 58) Fluorene                  | 10.613 | 166  | 1027599  | 40.723 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.383 | 232  | 307990   | 42.937 | ng    | 100      |
| 60) Diethylphthalate          | 10.478 | 149  | 1090194  | 41.086 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.601 | 204  | 535279   | 40.891 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.636 | 138  | 297226   | 43.747 | ng    | 98       |
| 63) Azobenzene                | 10.760 | 77   | 1180476  | 42.007 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.660 | 198  | 220919   | 44.155 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.719 | 169  | 924512   | 40.123 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 11.095 | 248  | 340448   | 40.722 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.160 | 284  | 348379   | 39.602 | ng    | # 90     |
| 69) Atrazine                  | 11.242 | 200  | 295730   | 41.111 | ng    | 97       |
| 70) Pentachlorophenol         | 11.360 | 266  | 233006   | 44.519 | ng    | 98       |
| 71) Phenanthrene              | 11.583 | 178  | 1532248  | 40.018 | ng    | 99       |
| 72) Anthracene                | 11.636 | 178  | 1569534  | 39.807 | ng    | 100      |
| 73) Carbazole                 | 11.789 | 167  | 1450062  | 40.791 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.107 | 149  | 1681552  | 40.325 | ng    | 99       |
| 75) Fluoranthene              | 12.777 | 202  | 1713193  | 40.929 | ng    | 99       |
| 77) Benzidine                 | 12.895 | 184  | 625916   | 56.397 | ng    | 100      |
| 78) Pyrene                    | 13.013 | 202  | 1722896  | 41.564 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.619 | 149  | 703441   | 43.004 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.201 | 228  | 1413813  | 41.445 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.160 | 252  | 426417   | 42.399 | ng    | 99       |
| 83) Chrysene                  | 14.242 | 228  | 1308982  | 41.034 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.171 | 149  | 870389   | 43.315 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.801 | 149  | 1304843  | 44.437 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.377 | 276  | 1190026  | 44.075 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.301 | 252  | 1166236  | 42.233 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.336 | 252  | 1112163  | 41.151 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.701 | 252  | 1085577  | 42.004 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.395 | 278  | 953873   | 43.360 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.871 | 276  | 993849   | 40.246 | ng    | 99       |

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

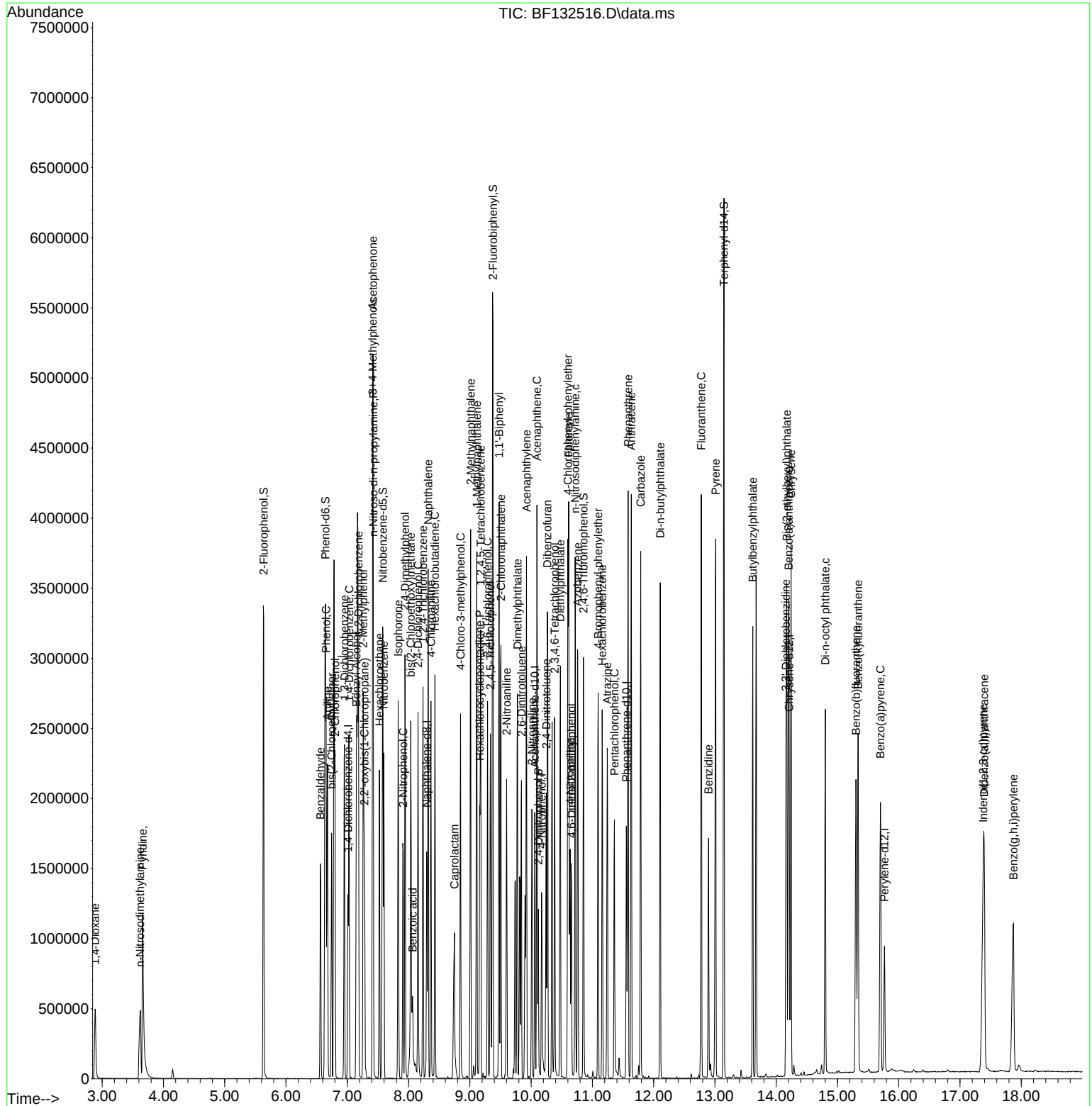
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
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 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

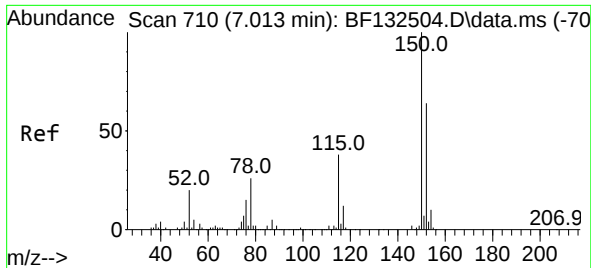
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
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### Manual Integrations APPROVED

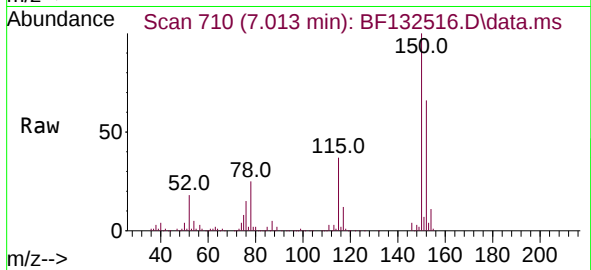
Reviewed By : Christian Giraldo 02/24/2023  
 Supervised By : Jagrut Upadhyay 02/24/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.013 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

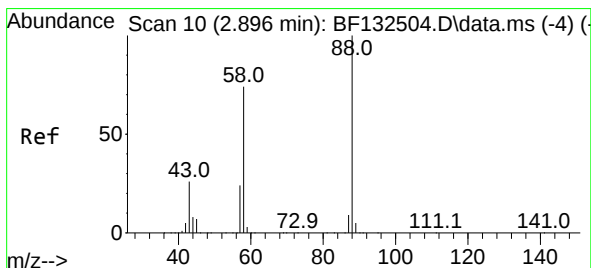
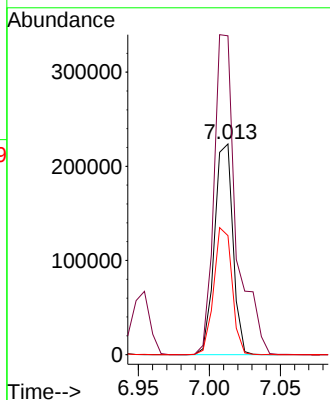
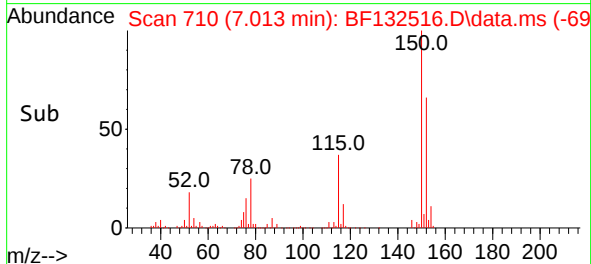
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 202609  
Ion Ratio Lower Upper  
152 100  
150 151.4 125.4 188.2  
115 56.4 47.8 71.6

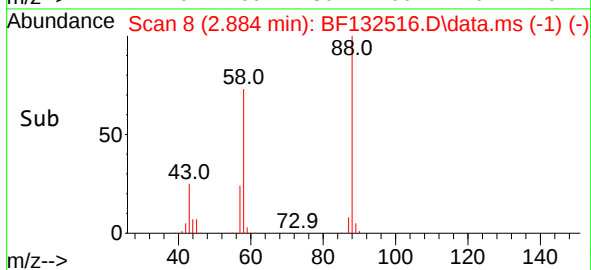
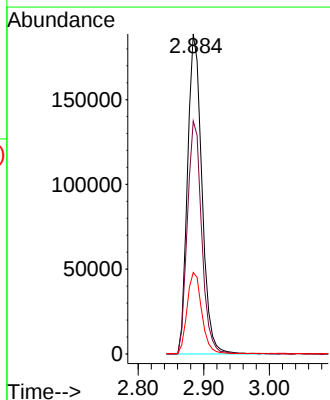
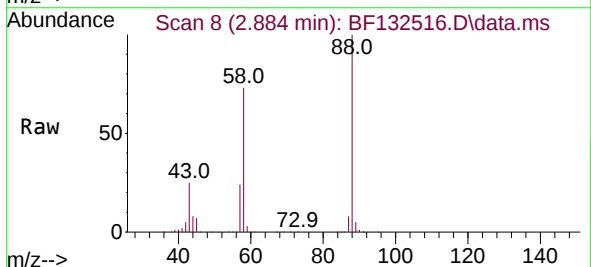
Manual Integrations  
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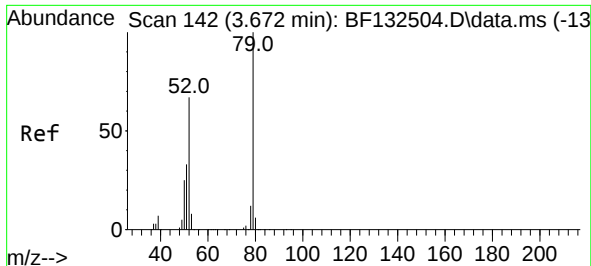
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#2  
1,4-Dioxane  
Concen: 41.664 ng  
RT: 2.884 min Scan# 8  
Delta R.T. -0.012 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

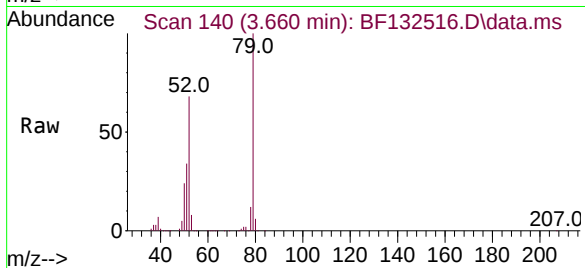
Tgt Ion: 88 Resp: 287712  
Ion Ratio Lower Upper  
88 100  
58 72.5 58.3 87.5  
43 25.6 20.7 31.1





#3  
Pyridine  
Concen: 39.505 ng  
RT: 3.660 min Scan# 142  
Delta R.T. -0.012 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

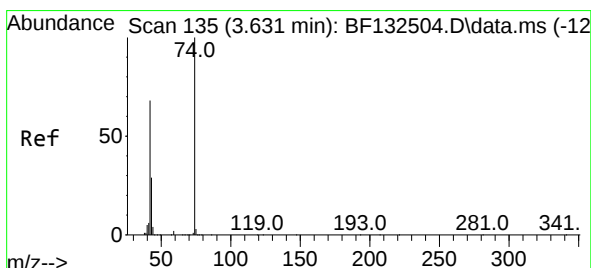
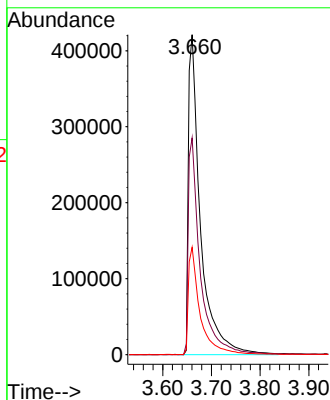
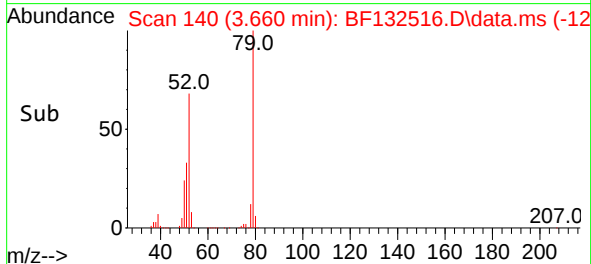
Instrument :  
BNA\_F  
ClientSampleId :  
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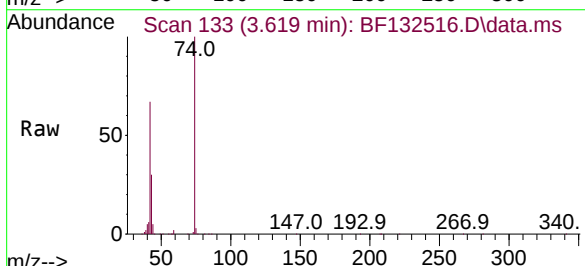
Tgt Ion: 79 Resp: 724125  
Ion Ratio Lower Upper  
79 100  
52 67.7 53.7 80.5  
51 33.5 26.6 40.0

Manual Integrations  
APPROVED

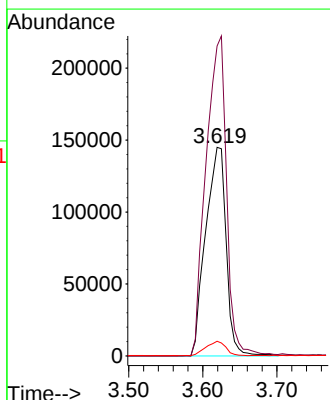
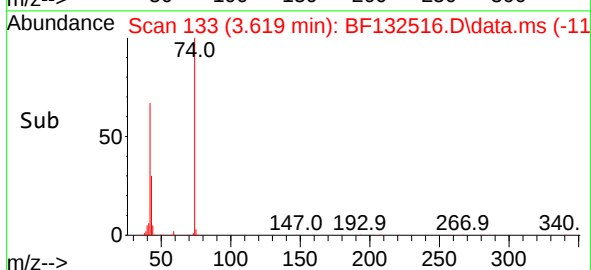
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

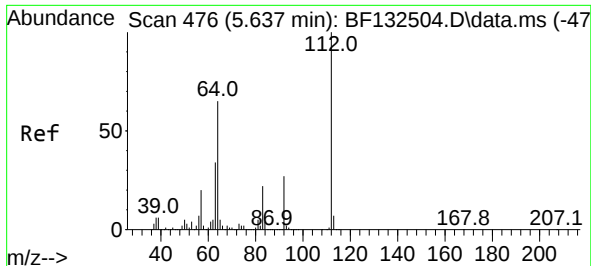


#4  
n-Nitrosodimethylamine  
Concen: 40.327 ng  
RT: 3.619 min Scan# 133  
Delta R.T. -0.012 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



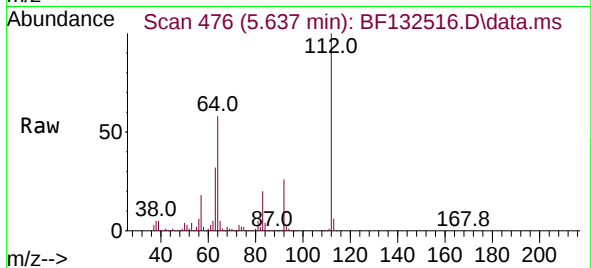
Tgt Ion: 42 Resp: 279215  
Ion Ratio Lower Upper  
42 100  
74 148.5 118.2 177.2  
44 7.0 5.3 7.9





#5  
2-Fluorophenol  
Concen: 78.279 ng  
RT: 5.637 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

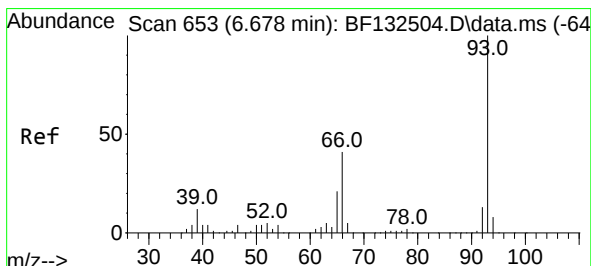
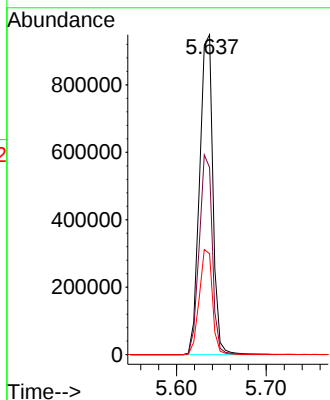
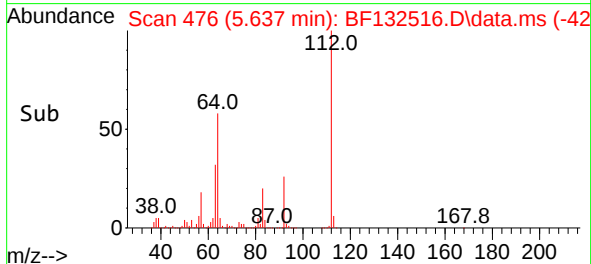
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ClientSampleId :  
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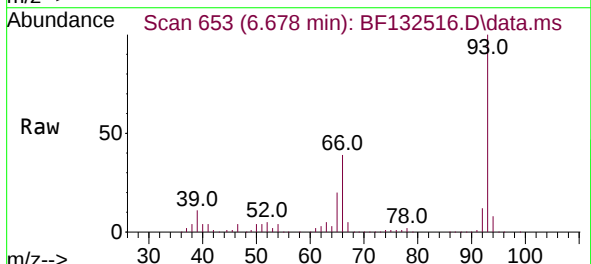
Tgt Ion: 112 Resp: 977223  
Ion Ratio Lower Upper  
112 100  
64 58.5 51.6 77.4  
63 31.5 27.4 41.2

Manual Integrations  
APPROVED

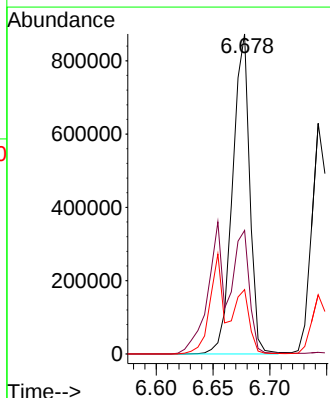
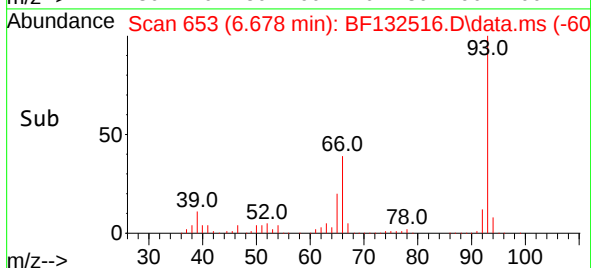
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

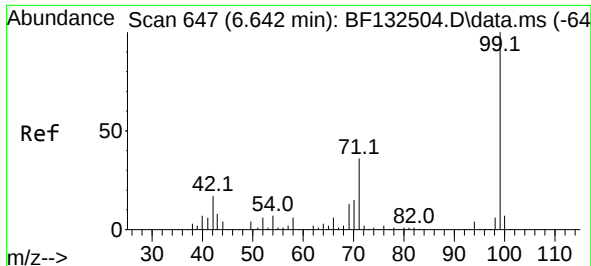


#6  
Aniline  
Concen: 41.769 ng  
RT: 6.678 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



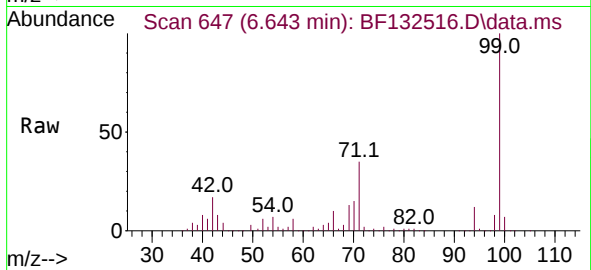
Tgt Ion: 93 Resp: 915822  
Ion Ratio Lower Upper  
93 100  
66 38.6 32.5 48.7  
65 20.1 16.6 24.8





#7  
Phenol-d6  
Concen: 78.920 ng  
RT: 6.643 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

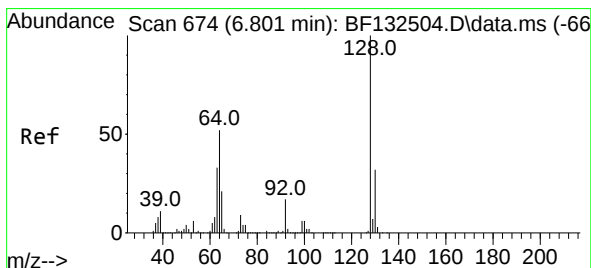
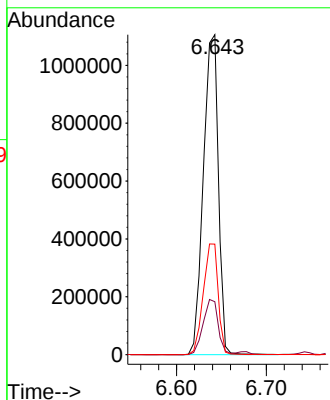
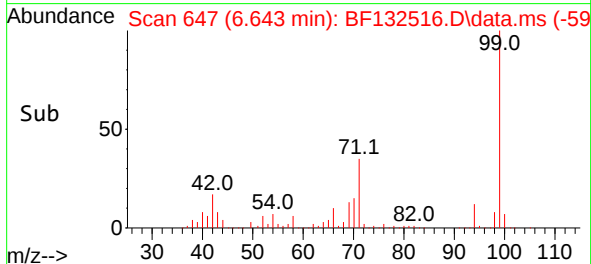
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1285799  
Ion Ratio Lower Upper  
99 100  
42 16.5 13.9 20.9  
71 34.5 28.5 42.7

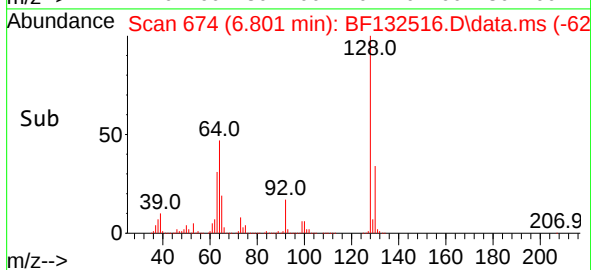
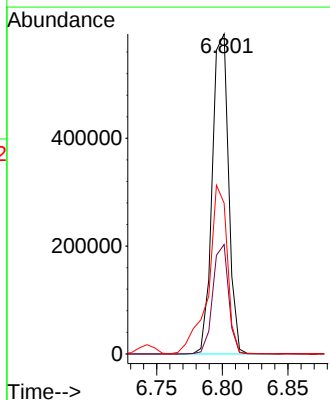
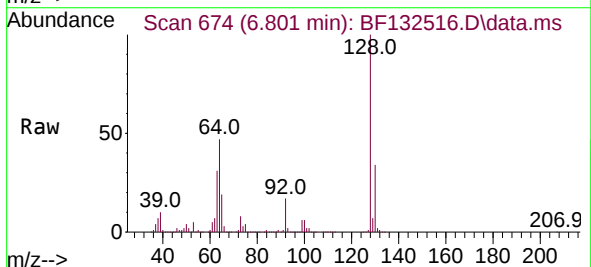
Manual Integrations  
APPROVED

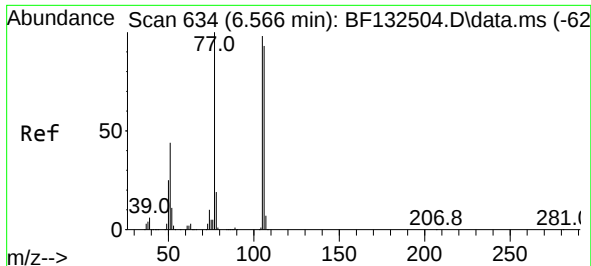
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#8  
2-Chlorophenol  
Concen: 39.792 ng  
RT: 6.801 min Scan# 674  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

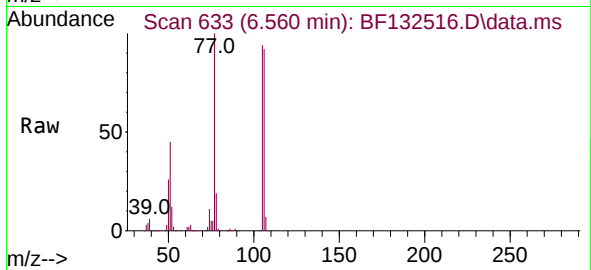
Tgt Ion:128 Resp: 515570  
Ion Ratio Lower Upper  
128 100  
130 34.2 12.1 52.1  
64 47.1 32.0 72.0





#9  
Benzaldehyde  
Concen: 37.234 ng  
RT: 6.560 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

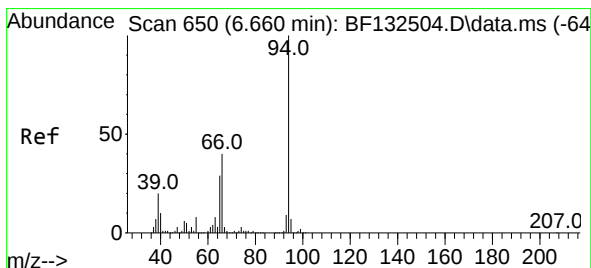
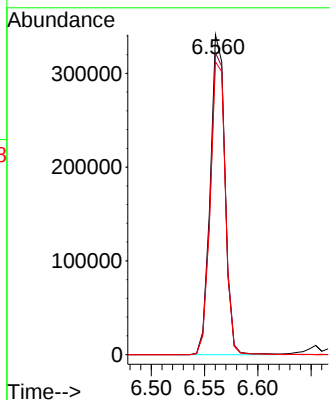
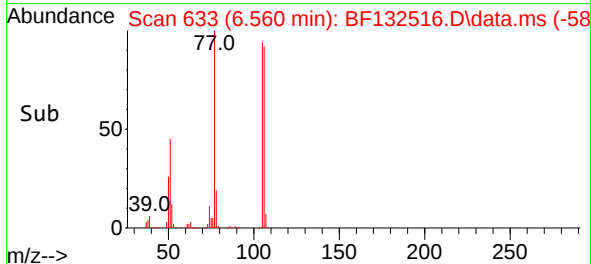
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



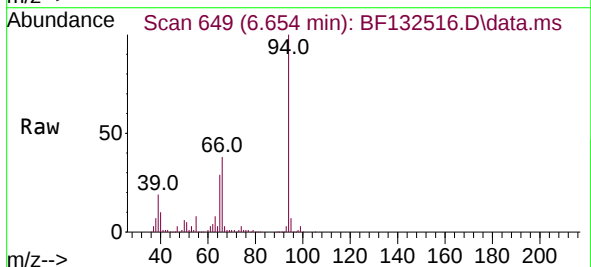
Tgt Ion: 77 Resp: 327336  
Ion Ratio Lower Upper  
77 100  
105 94.3 77.9 117.9  
106 91.5 73.4 113.4

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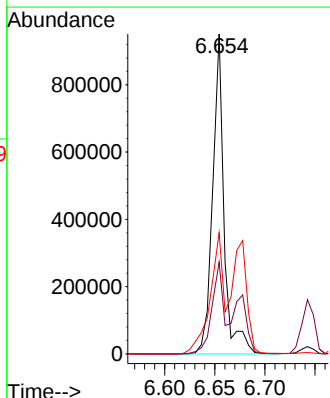
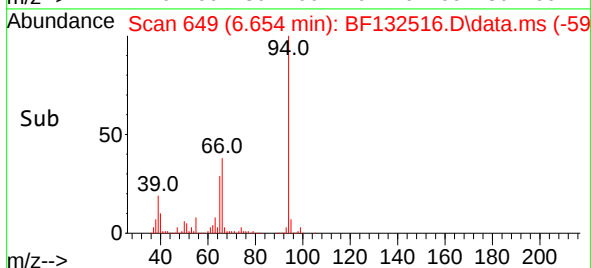
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

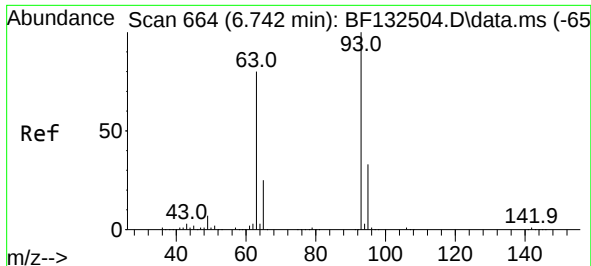


#10  
Phenol  
Concen: 40.191 ng  
RT: 6.654 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion: 94 Resp: 750736  
Ion Ratio Lower Upper  
94 100  
65 28.7 9.4 49.4  
66 37.9 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 39.575 ng

RT: 6.742 min Scan# 60

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 570662

Ion Ratio Lower Upper

93 100

63 79.4 59.6 99.6

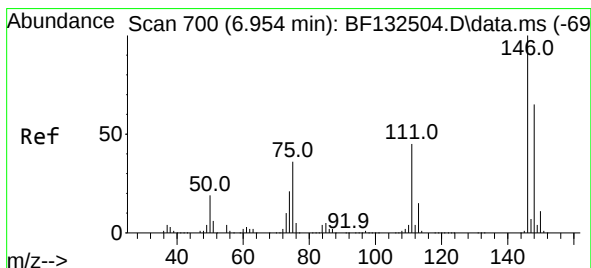
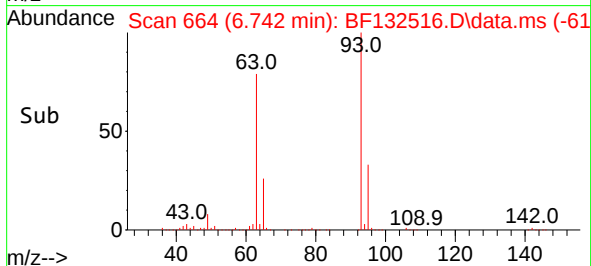
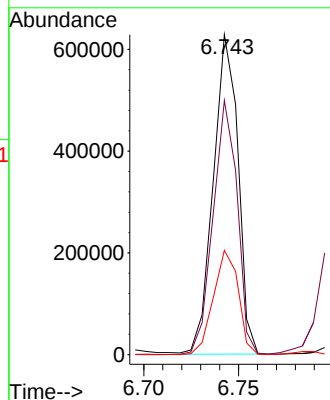
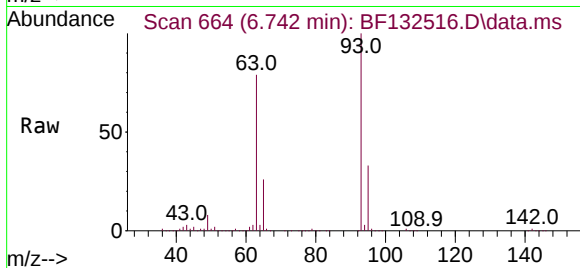
95 32.6 12.8 52.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#12

1,3-Dichlorobenzene

Concen: 39.714 ng

RT: 6.954 min Scan# 700

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

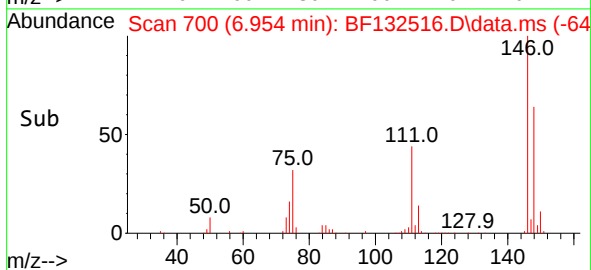
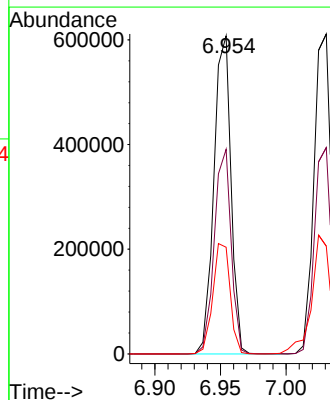
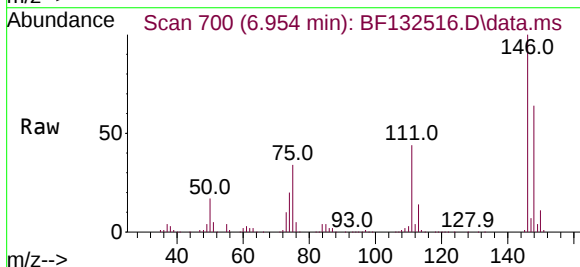
Tgt Ion:146 Resp: 552189

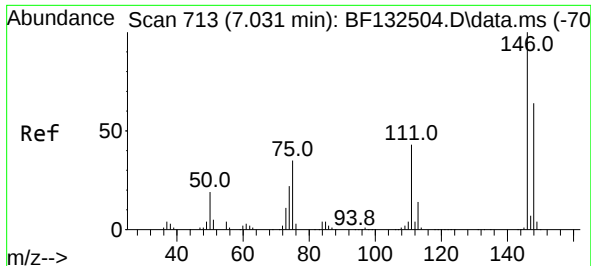
Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

75 33.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 39.751 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132516.D

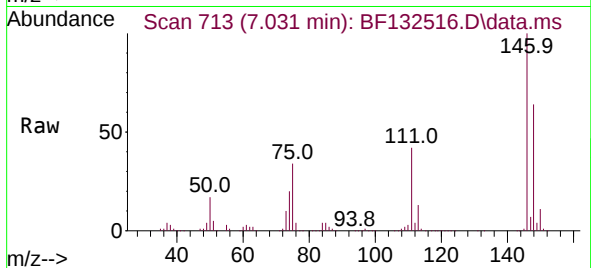
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 551880

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

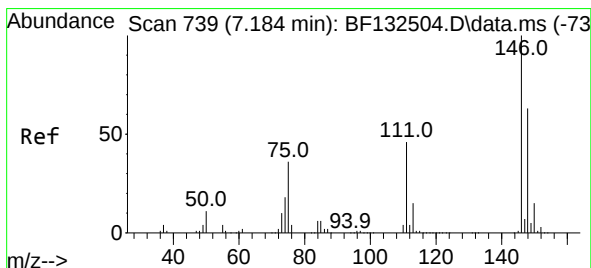
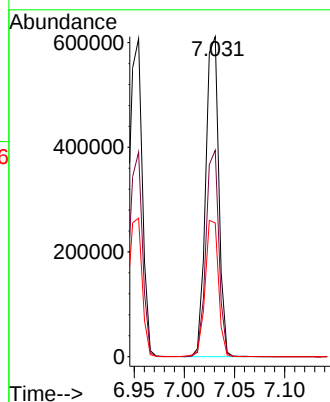
111 41.8 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#14

1,2-Dichlorobenzene

Concen: 37.761 ng

RT: 7.184 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

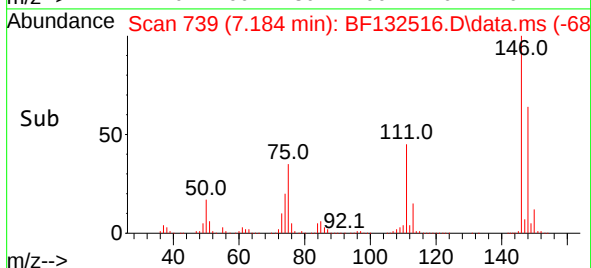
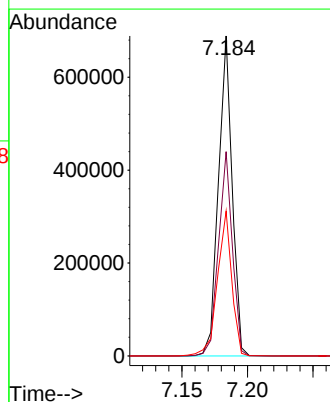
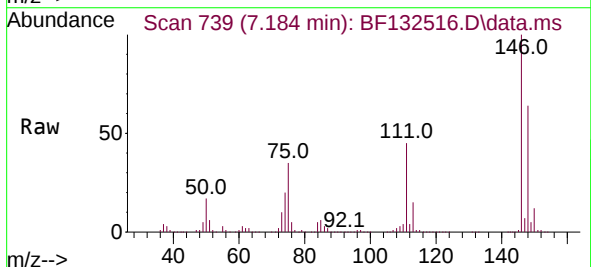
Tgt Ion:146 Resp: 503130

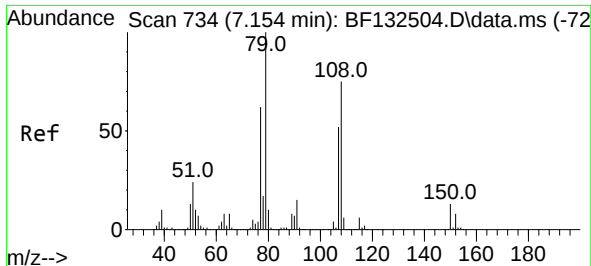
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

111 45.2 37.2 55.8





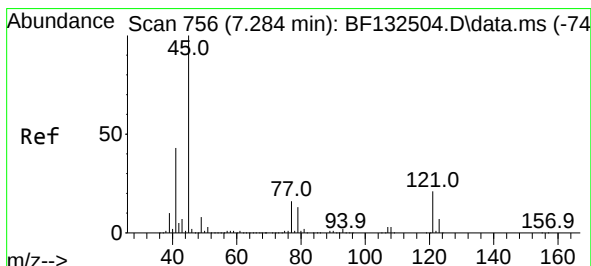
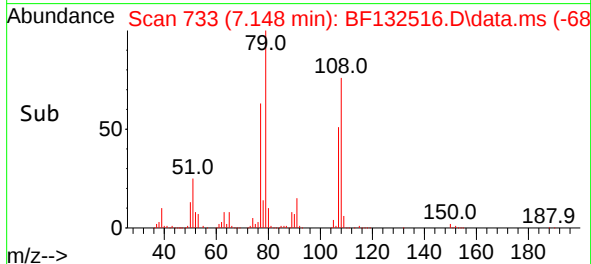
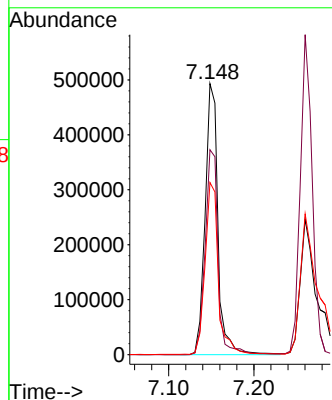
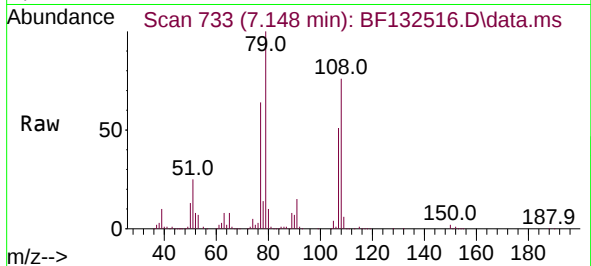
#15  
Benzyl Alcohol  
Concen: 41.033 ng  
RT: 7.148 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 514868  
Ion Ratio Lower Upper  
79 100  
108 75.6 60.2 90.4  
77 63.5 49.9 74.9

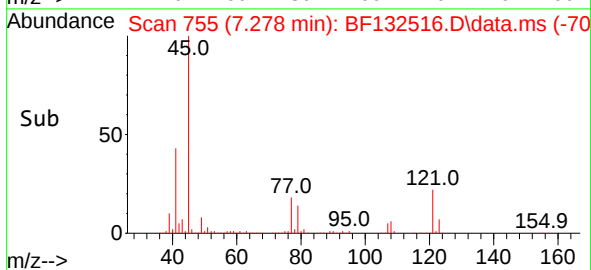
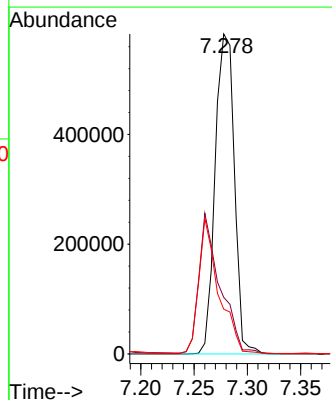
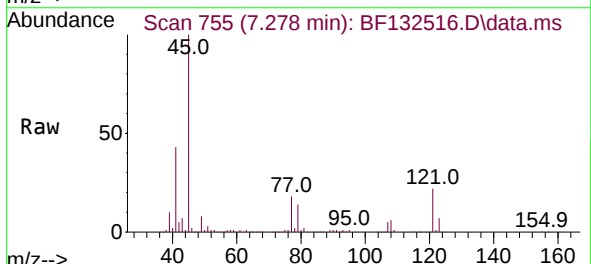
Manual Integrations  
APPROVED

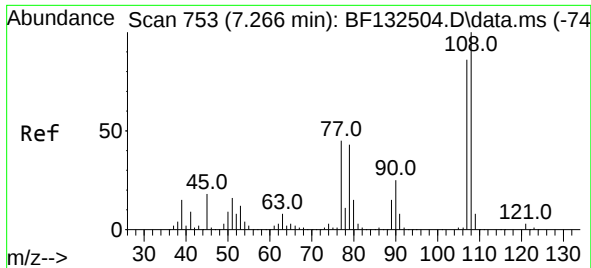
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.835 ng  
RT: 7.278 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion: 45 Resp: 732503  
Ion Ratio Lower Upper  
45 100  
77 17.7 0.0 36.4  
79 14.0 0.0 33.4





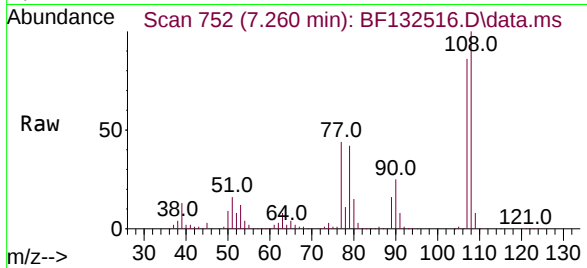
#17  
2-Methylphenol  
Concen: 40.297 ng  
RT: 7.260 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

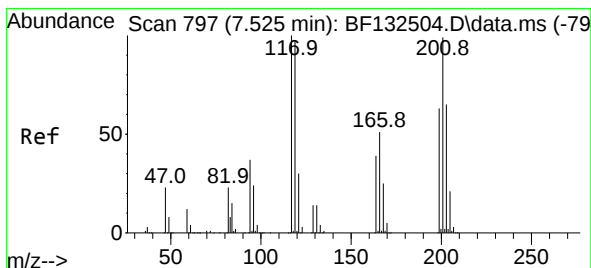
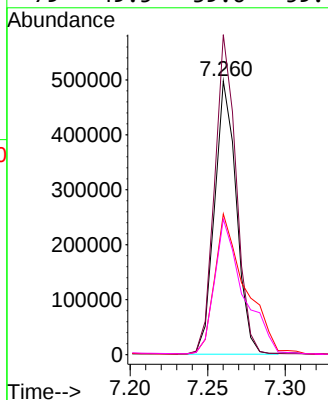
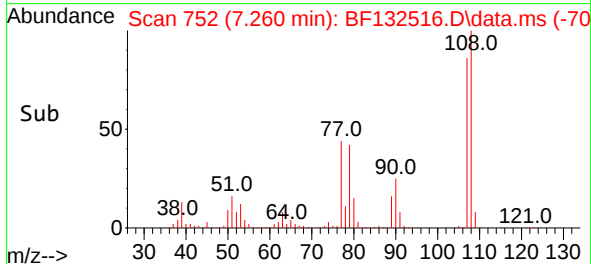


Tgt Ion:107 Resp: 487273  
Ion Ratio Lower Upper  
107 100  
108 116.9 93.0 139.4  
77 51.5 42.1 63.1  
79 49.5 39.6 59.4

Manual Integrations

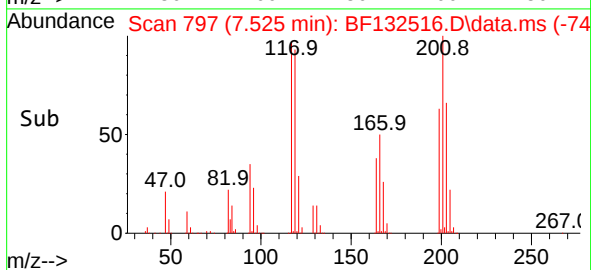
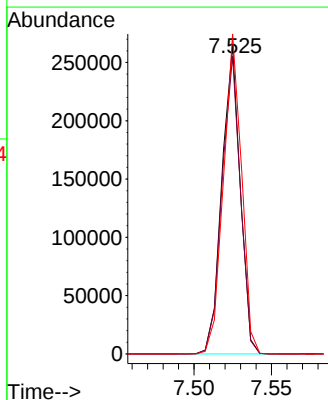
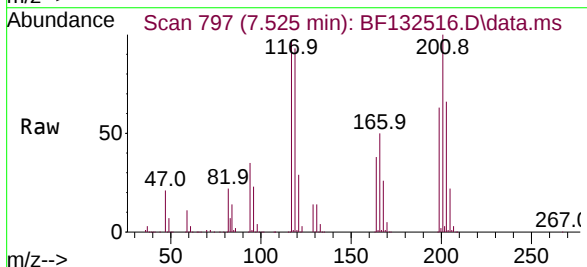
APPROVED

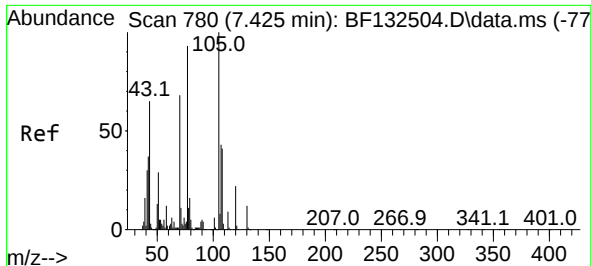
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#18  
Hexachloroethane  
Concen: 40.034 ng  
RT: 7.525 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

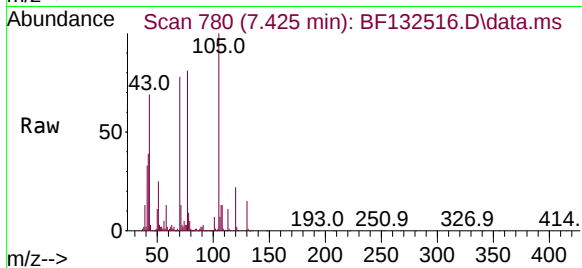
Tgt Ion:117 Resp: 217144  
Ion Ratio Lower Upper  
117 100  
119 96.5 78.0 117.0  
201 103.6 79.0 118.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.178 ng  
RT: 7.425 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

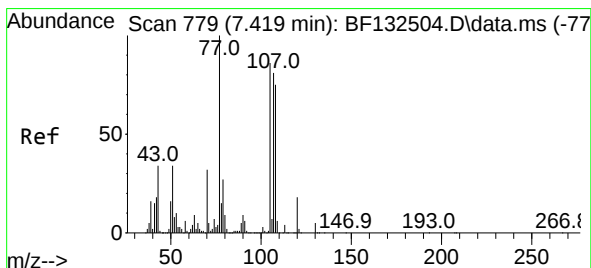
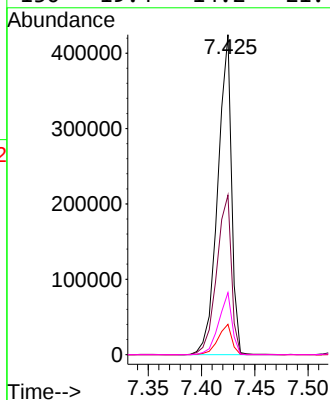
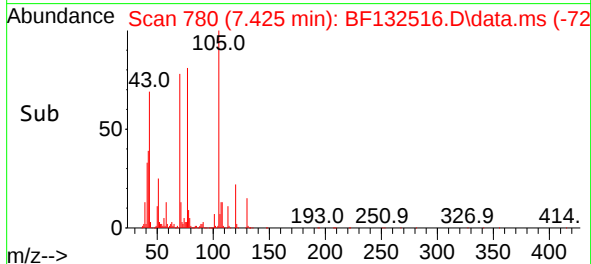
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



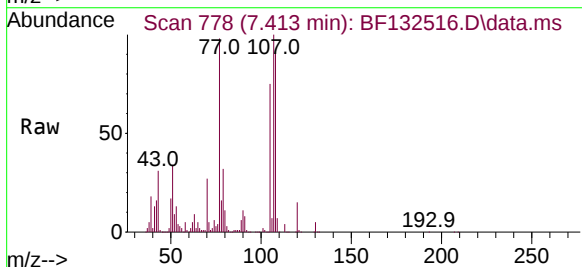
Tgt Ion: 70 Resp: 382813  
Ion Ratio Lower Upper  
70 100  
42 49.8 44.1 66.1  
101 9.5 7.4 11.2  
130 19.4 14.2 21.4

Manual Integrations  
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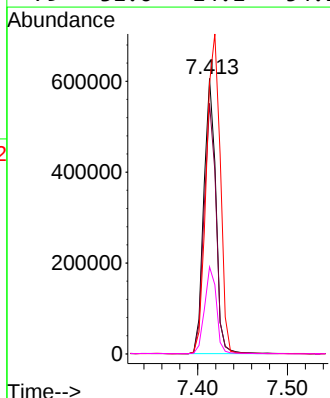
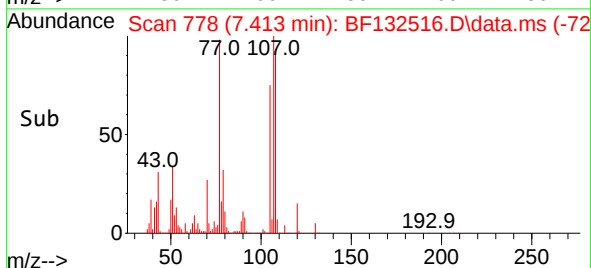
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

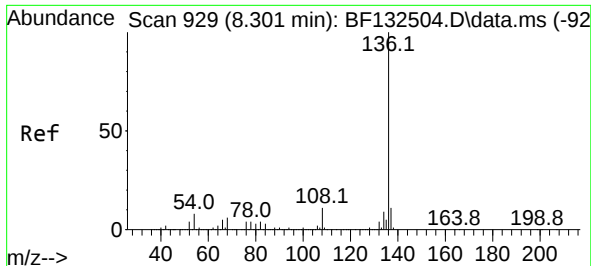


#20  
3+4-Methylphenols  
Concen: 35.910 ng  
RT: 7.413 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



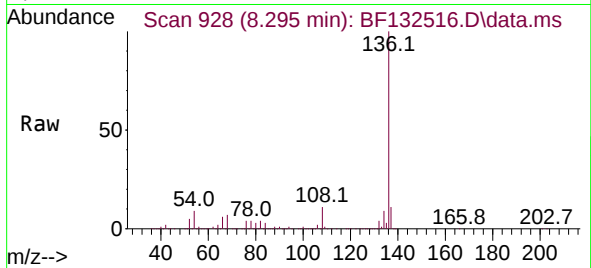
Tgt Ion:107 Resp: 560989  
Ion Ratio Lower Upper  
107 100  
108 91.0 72.6 112.6  
77 98.4 104.0 144.0#  
79 31.6 14.1 54.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.295 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

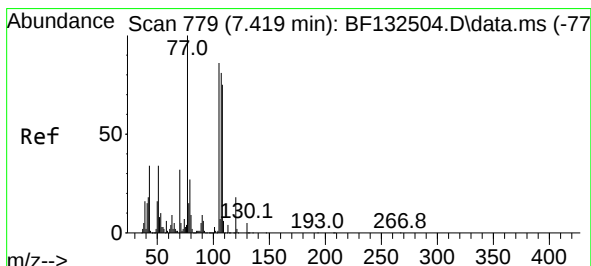
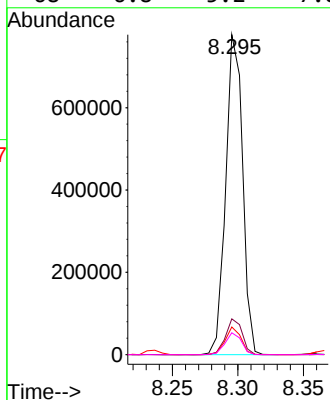
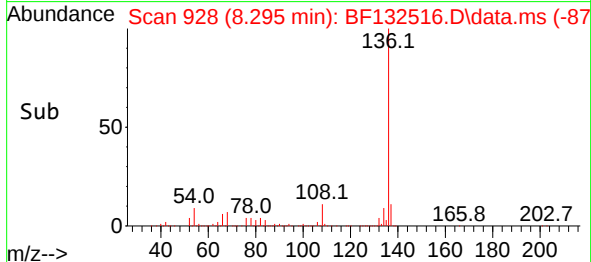
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 696692  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 8.6 6.2 9.4  
68 6.8 5.2 7.8

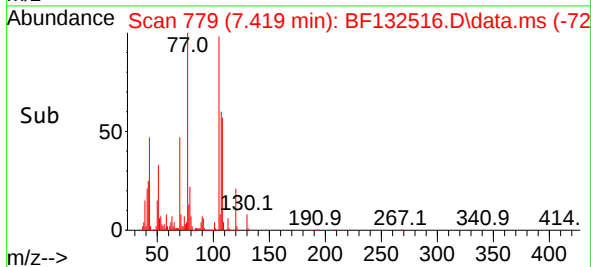
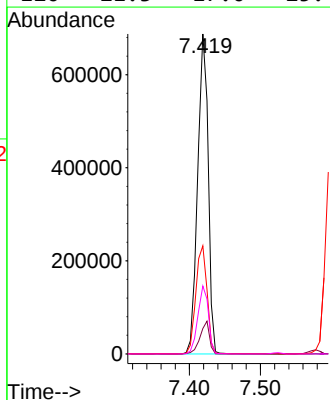
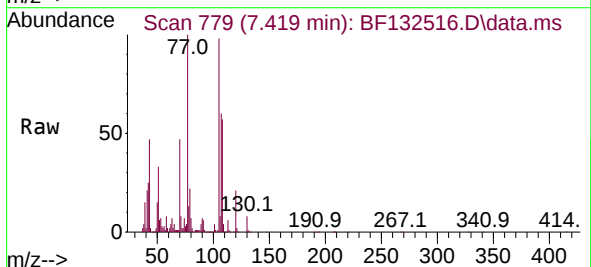
Manual Integrations  
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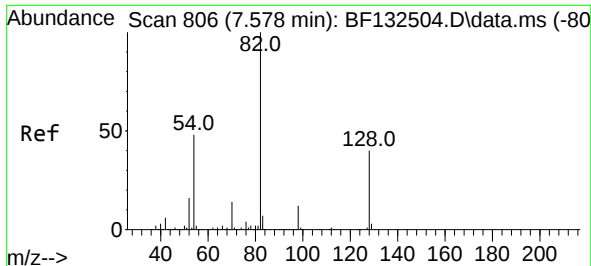
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#22  
Acetophenone  
Concen: 40.234 ng  
RT: 7.419 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:105 Resp: 706803  
Ion Ratio Lower Upper  
105 100  
71 7.9 5.0 7.4#  
51 33.8 31.5 47.3  
120 21.3 17.0 25.4





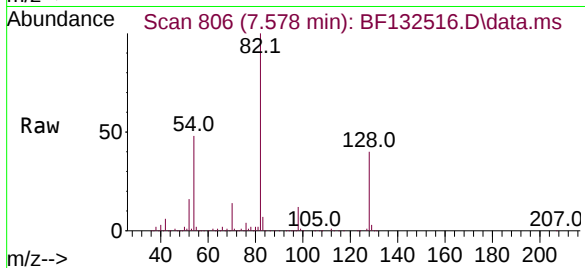
#23  
Nitrobenzene-d5  
Concen: 82.636 ng  
RT: 7.578 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

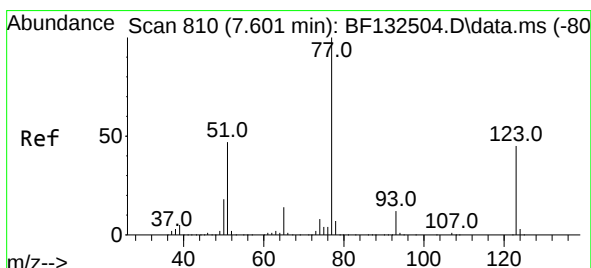
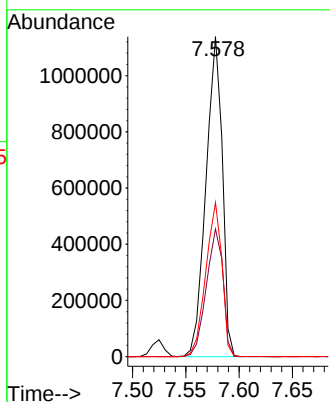
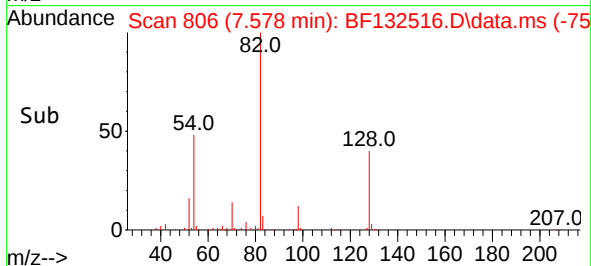


Tgt Ion: 82 Resp: 1213459  
Ion Ratio Lower Upper  
82 100  
128 39.9 32.2 48.2  
54 48.1 38.4 57.6

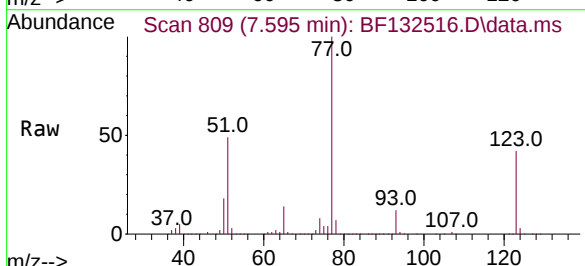
Manual Integrations

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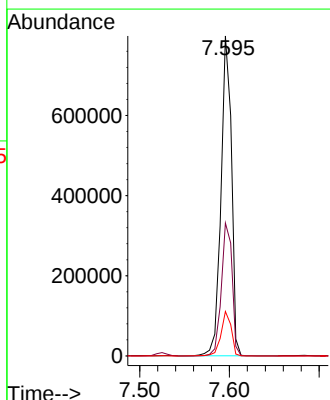
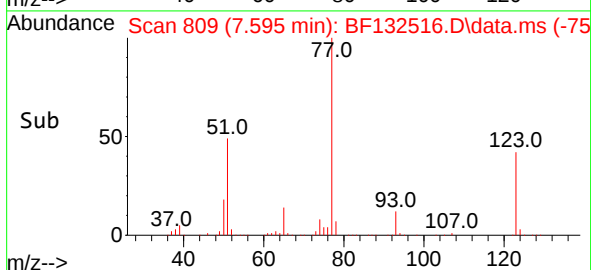
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

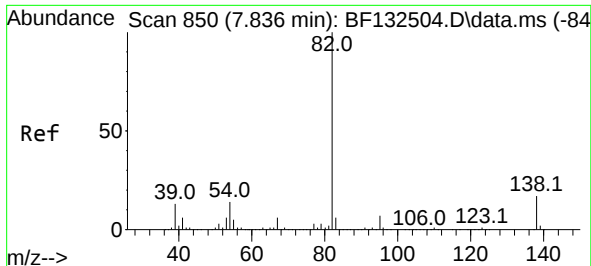


#24  
Nitrobenzene  
Concen: 41.431 ng  
RT: 7.595 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion: 77 Resp: 650658  
Ion Ratio Lower Upper  
77 100  
123 41.5 35.8 53.6  
65 13.9 10.9 16.3





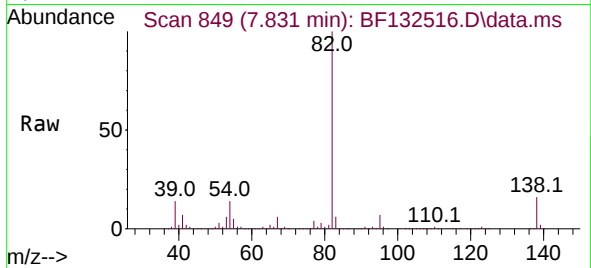
#25  
Isophorone  
Concen: 40.956 ng  
RT: 7.831 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

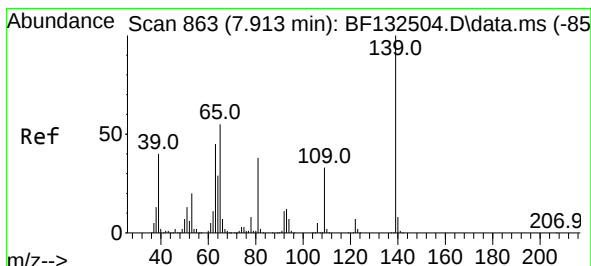
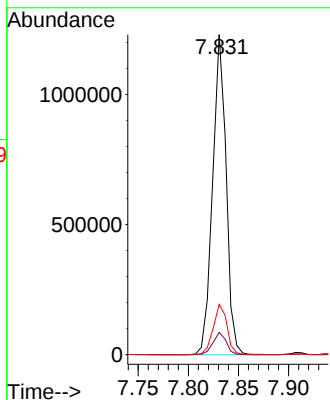
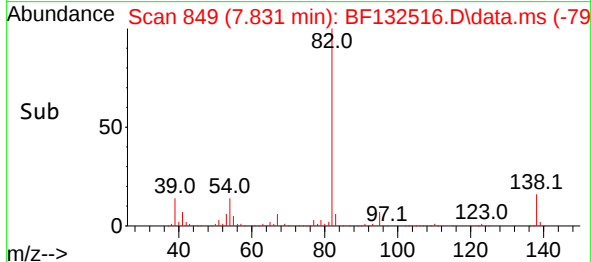


Tgt Ion: 82 Resp: 1153050  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 15.7 13.3 19.9

Manual Integrations

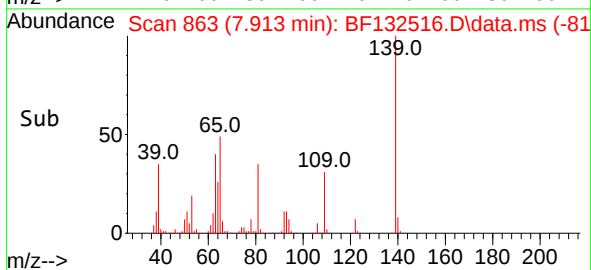
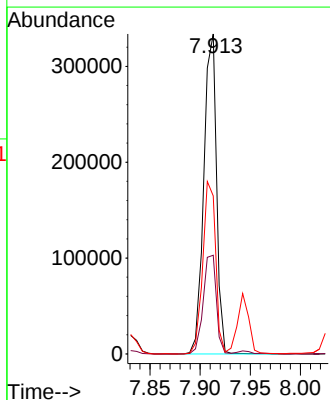
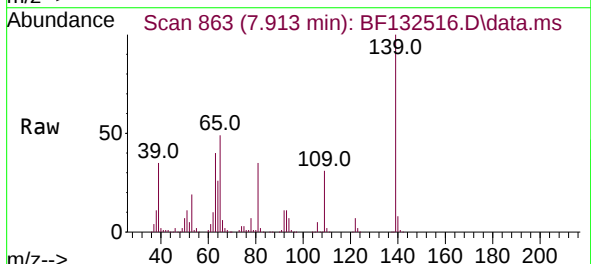
APPROVED

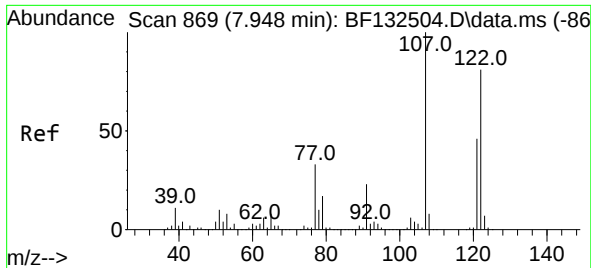
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#26  
2-Nitrophenol  
Concen: 42.354 ng  
RT: 7.913 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

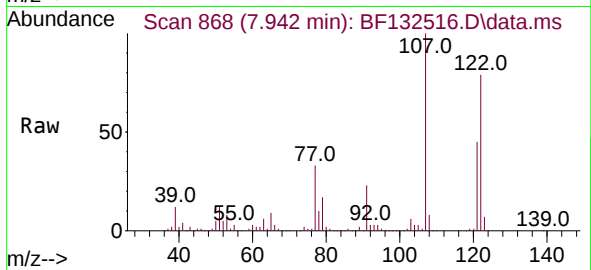
Tgt Ion:139 Resp: 293481  
Ion Ratio Lower Upper  
139 100  
109 30.8 26.2 39.2  
65 49.4 43.8 65.8





#27  
2,4-Dimethylphenol  
Concen: 40.834 ng  
RT: 7.942 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

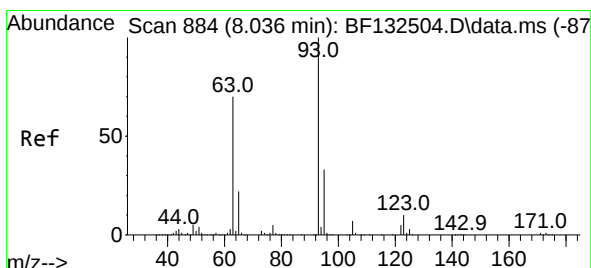
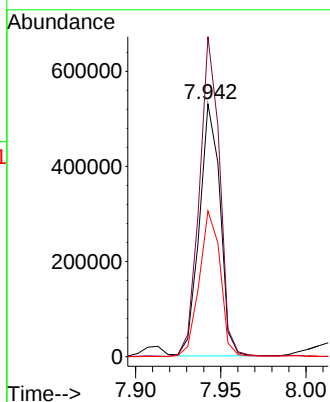
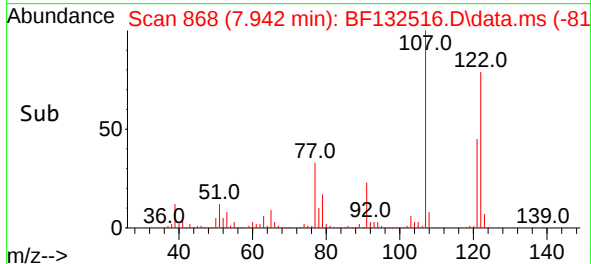
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:122 Resp: 44657  
Ion Ratio Lower Upper  
122 100  
107 126.8 98.7 148.1  
121 57.7 45.8 68.6

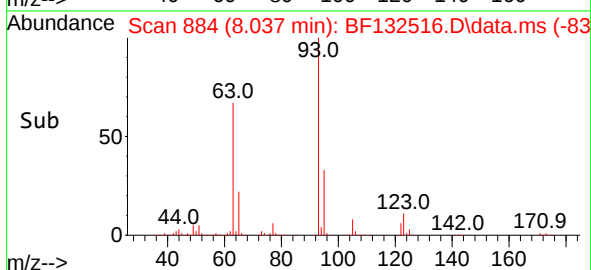
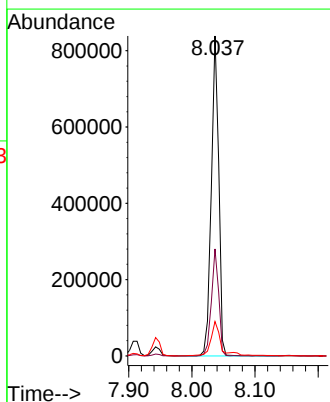
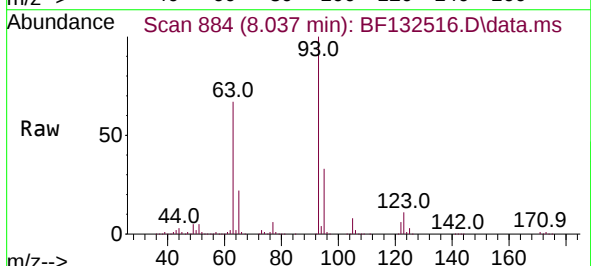
Manual Integrations  
APPROVED

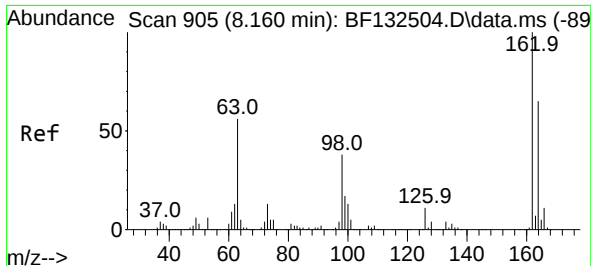
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.568 ng  
RT: 8.037 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion: 93 Resp: 684598  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.3 39.5  
123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.639 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 452986

Ion Ratio Lower Upper

162 100

164 64.7 45.3 85.3

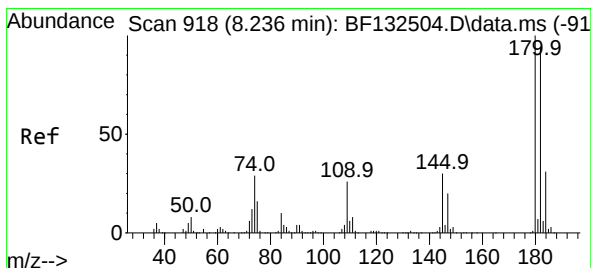
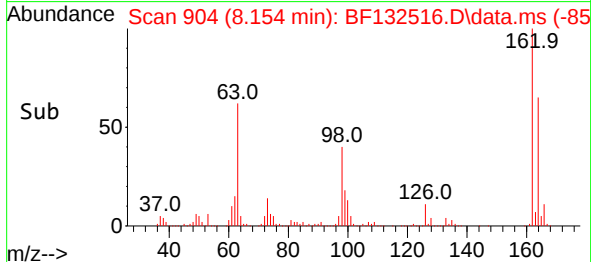
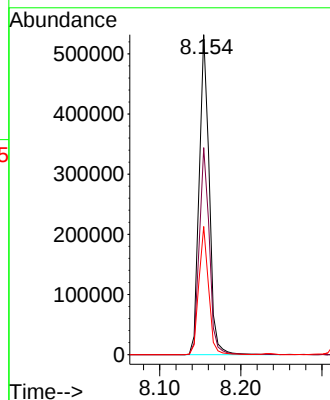
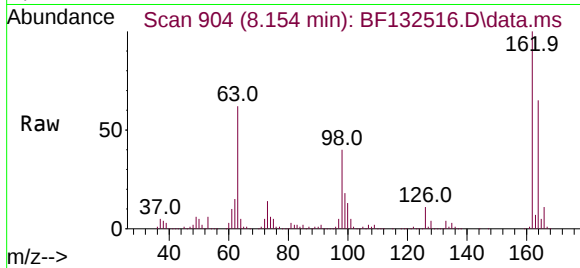
98 40.0 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.646 ng

RT: 8.237 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

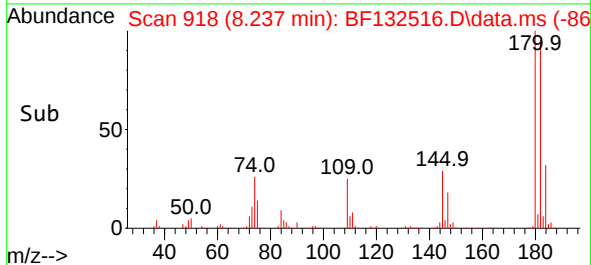
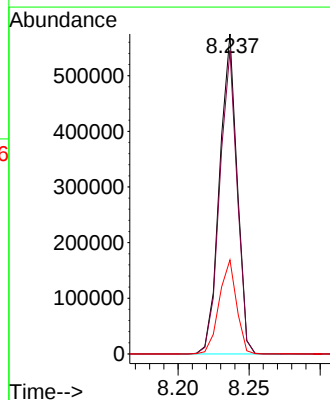
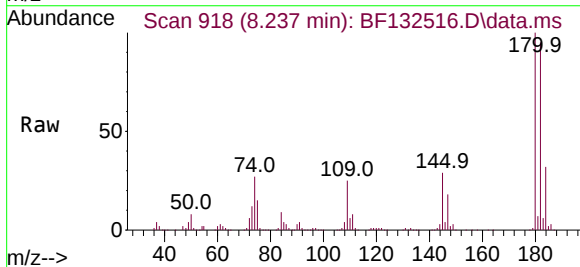
Tgt Ion:180 Resp: 491956

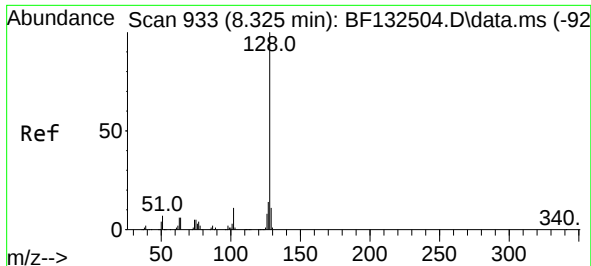
Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

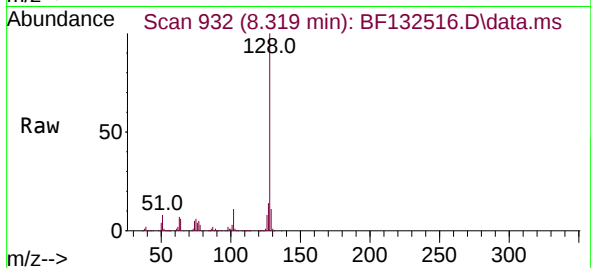
145 29.4 23.8 35.6





#31  
Naphthalene  
Concen: 40.621 ng  
RT: 8.319 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

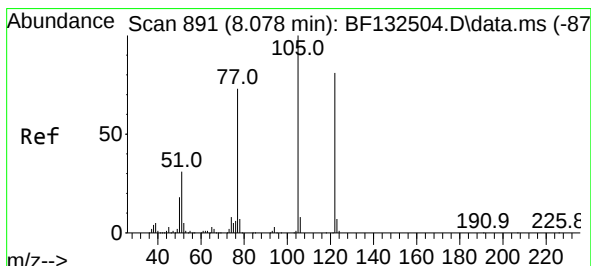
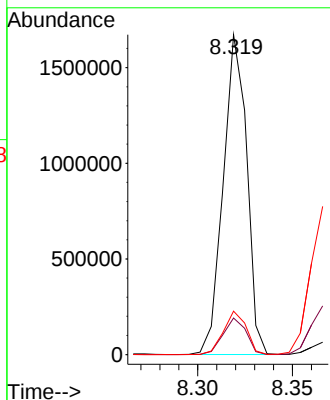
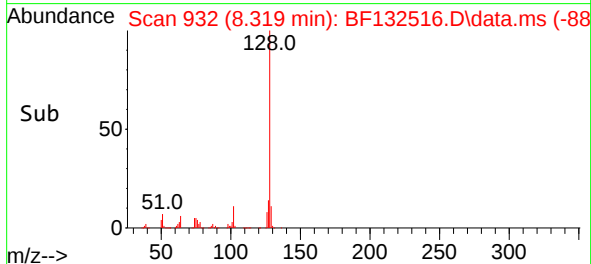
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 1448804  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.1 13.7  
127 13.6 11.0 16.6

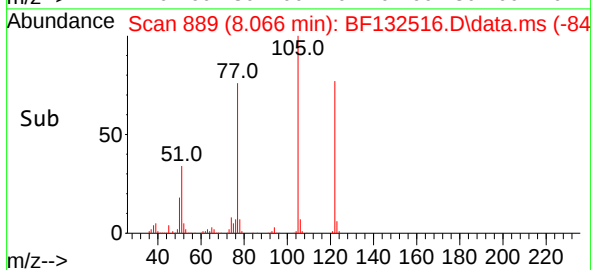
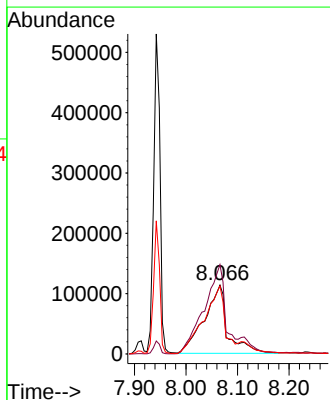
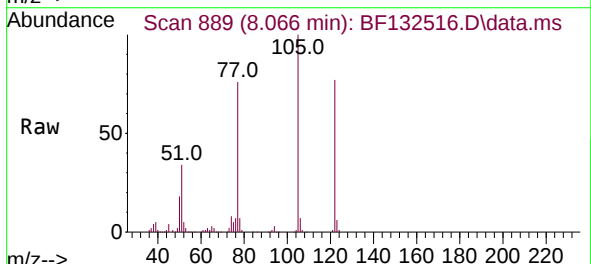
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APPROVED

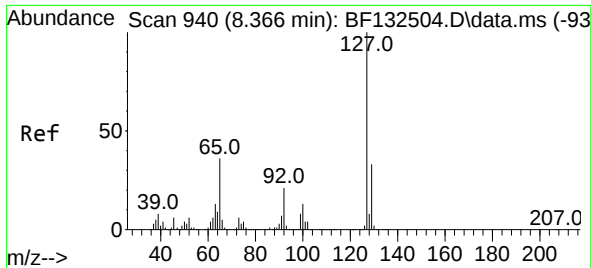
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#32  
Benzoic acid  
Concen: 41.802 ng m  
RT: 8.066 min Scan# 889  
Delta R.T. -0.012 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:122 Resp: 355613  
Ion Ratio Lower Upper  
122 100  
105 129.7 102.6 142.6  
77 98.8 70.2 110.2





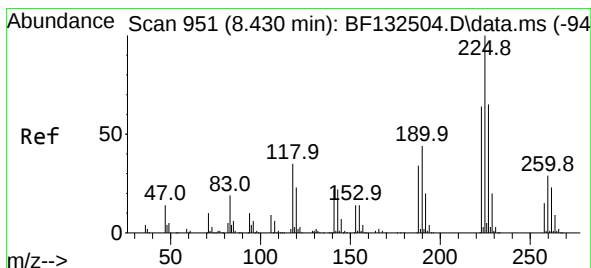
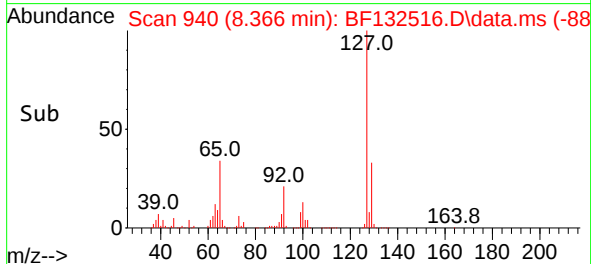
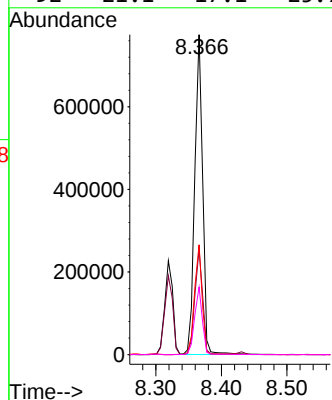
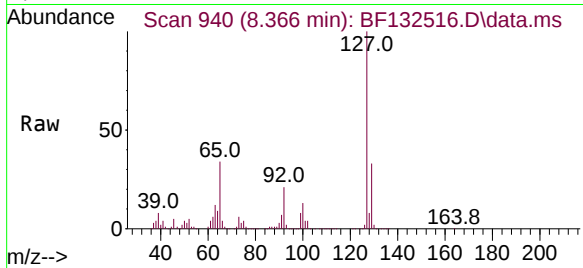
#33  
4-Chloroaniline  
Concen: 42.804 ng  
RT: 8.366 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 654212  
Ion Ratio Lower Upper  
127 100  
129 32.9 26.4 39.6  
65 34.3 28.8 43.2  
92 21.1 17.1 25.7

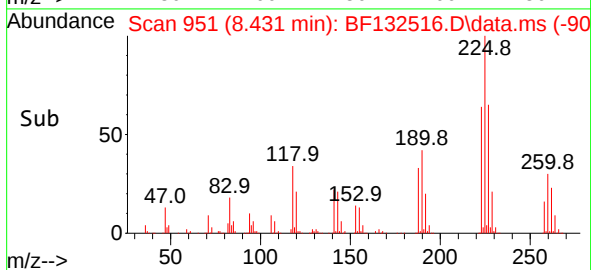
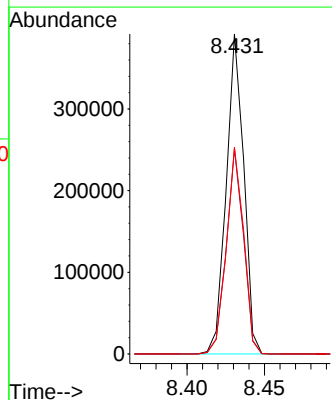
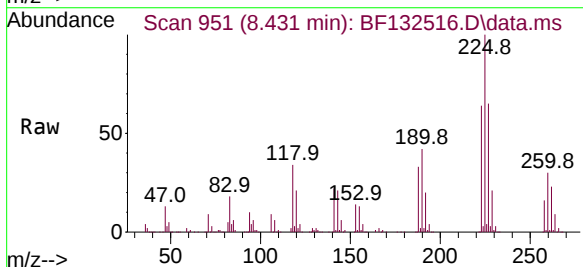
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APPROVED

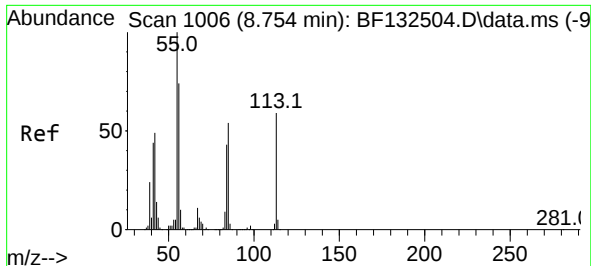
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#34  
Hexachlorobutadiene  
Concen: 40.990 ng  
RT: 8.431 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

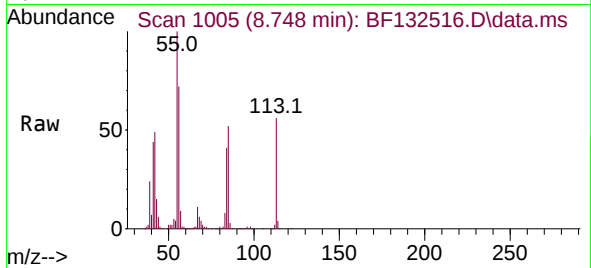
Tgt Ion:225 Resp: 307695  
Ion Ratio Lower Upper  
225 100  
223 64.1 51.0 76.4  
227 64.6 51.7 77.5





#35  
Caprolactam  
Concen: 43.220 ng  
RT: 8.748 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

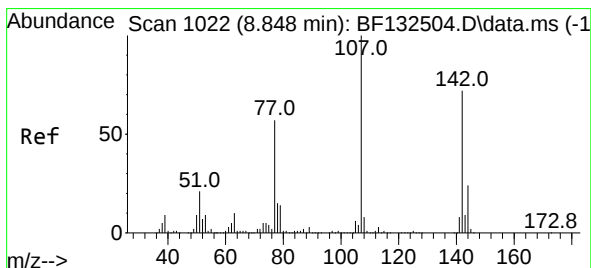
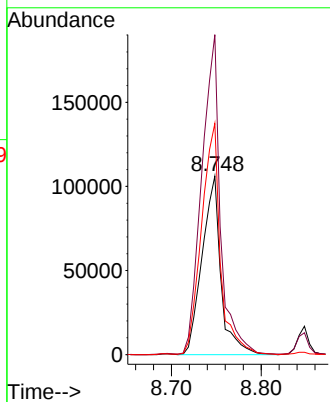
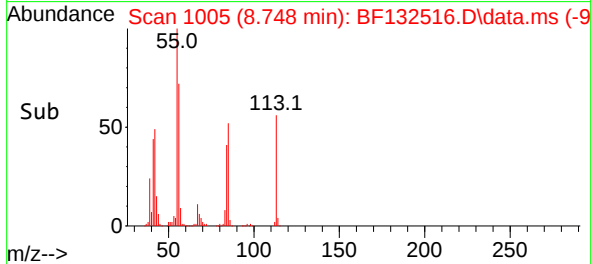
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 155009  
Ion Ratio Lower Upper  
113 100  
55 179.2 149.4 189.4  
56 129.5 105.0 145.0

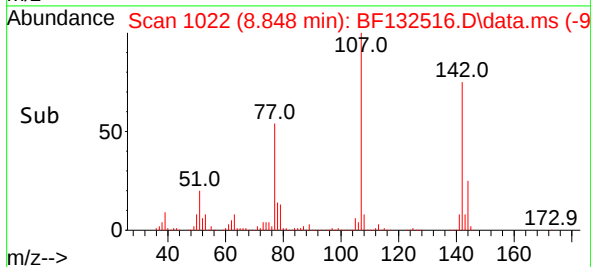
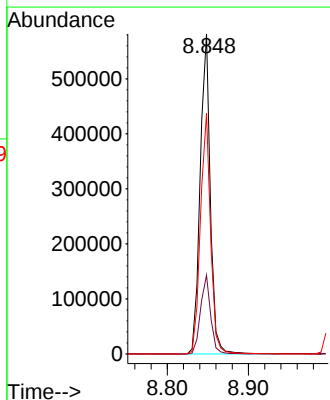
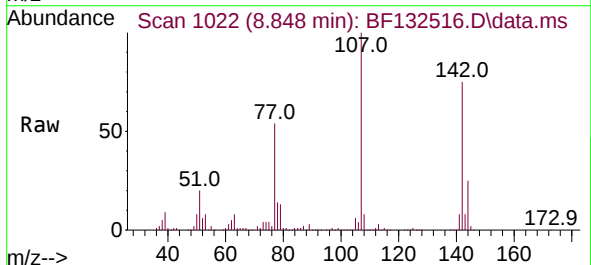
Manual Integrations  
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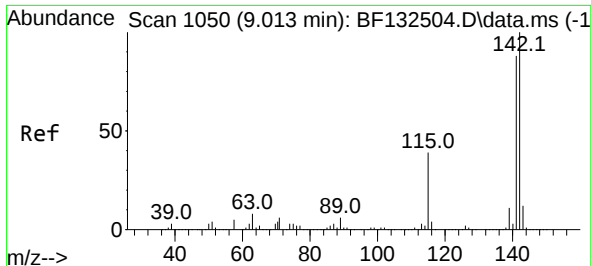
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#36  
4-Chloro-3-methylphenol  
Concen: 42.030 ng  
RT: 8.848 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:107 Resp: 502139  
Ion Ratio Lower Upper  
107 100  
144 24.6 18.9 28.3  
142 75.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.091 ng

RT: 9.013 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 998772

Ion Ratio Lower Upper

142 100

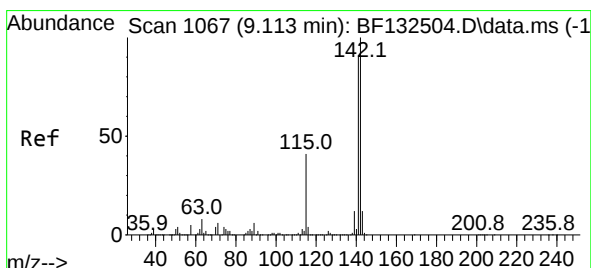
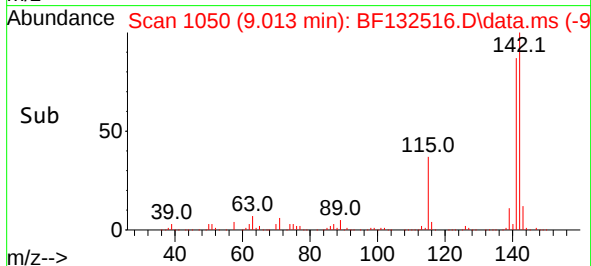
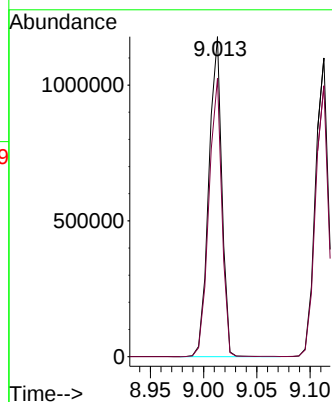
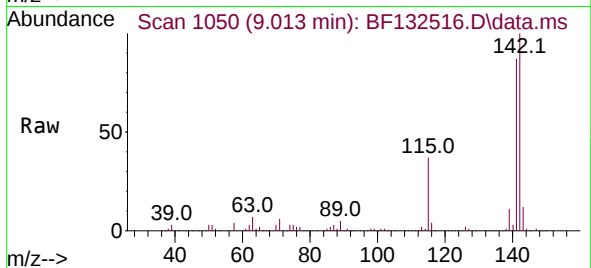
141 87.0 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#38

1-Methylnaphthalene

Concen: 41.000 ng

RT: 9.113 min Scan# 1067

Delta R.T. -0.000 min

Lab File: BF132516.D

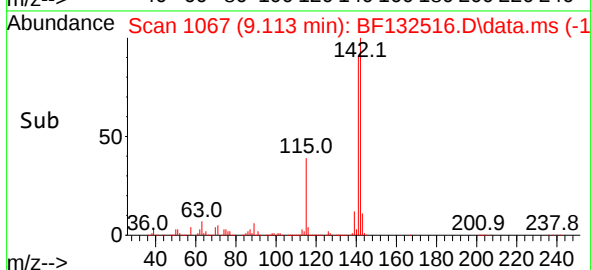
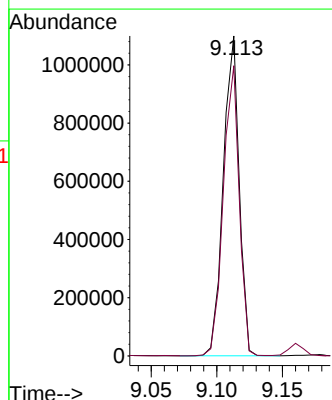
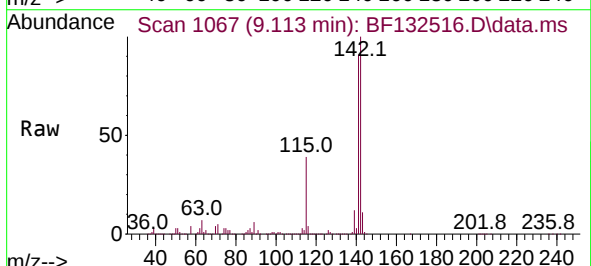
Acq: 23 Feb 2023 12:44

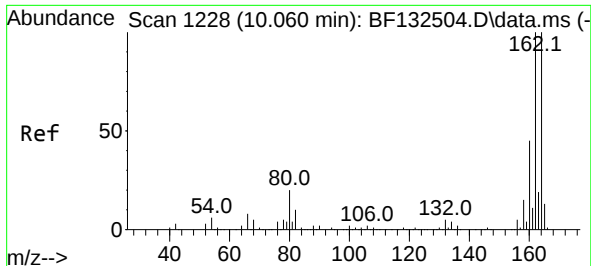
Tgt Ion:142 Resp: 931312

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.060 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF132516.D

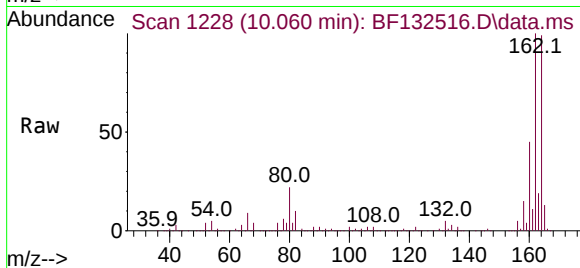
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 373136

Ion Ratio Lower Upper

164 100

162 101.4 79.8 119.8

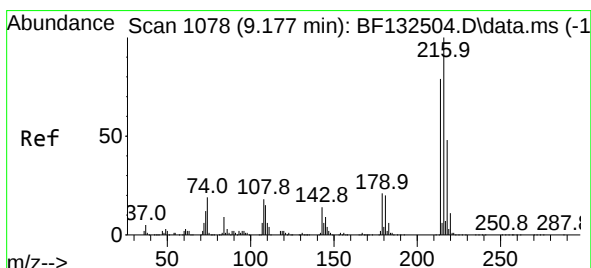
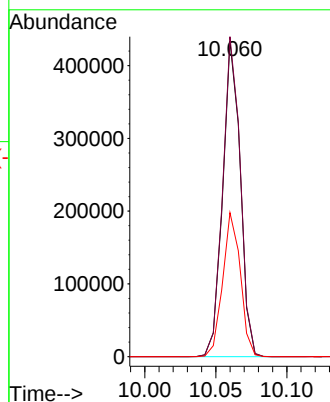
160 45.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.212 ng

RT: 9.178 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

Tgt Ion:216 Resp: 503116

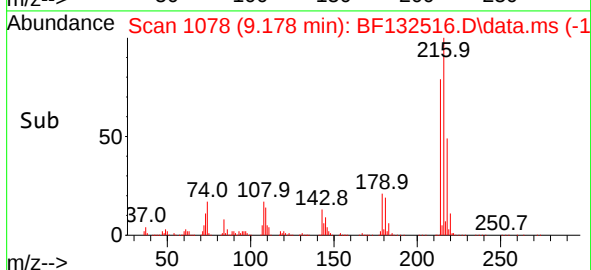
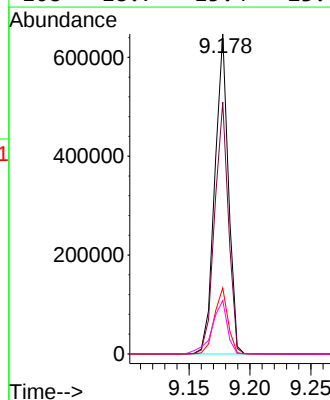
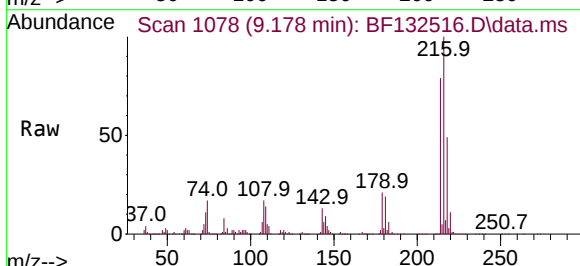
Ion Ratio Lower Upper

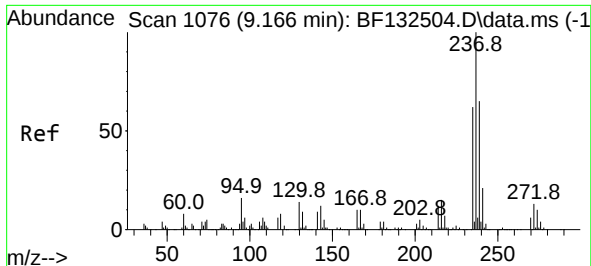
216 100

214 79.4 63.0 94.6

179 20.4 16.6 24.8

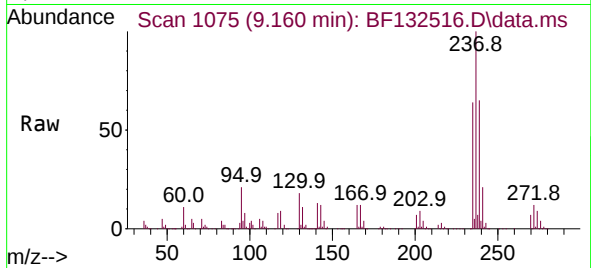
108 18.7 15.4 23.0





#41  
Hexachlorocyclopentadiene  
Concen: 43.711 ng  
RT: 9.160 min Scan# 1076  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

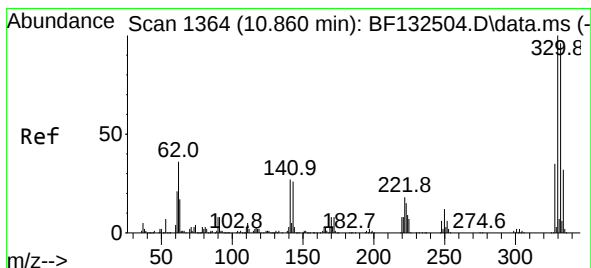
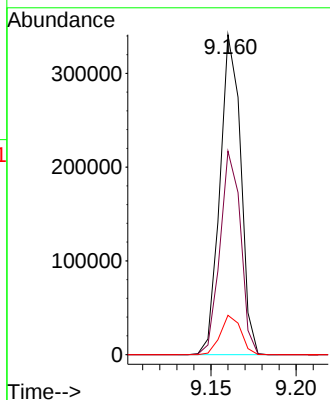
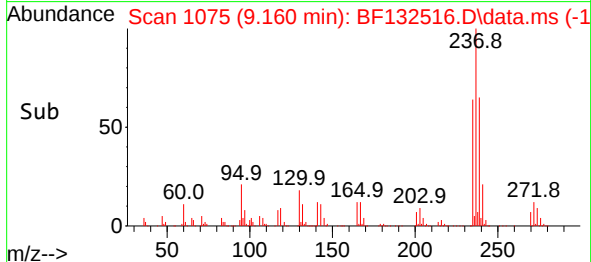
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



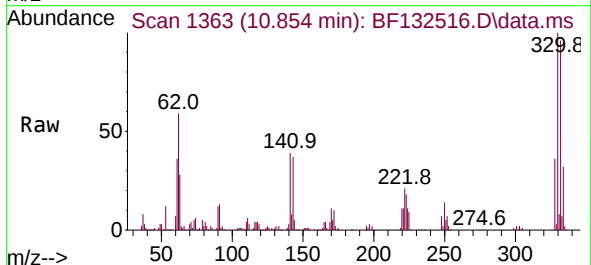
Tgt Ion:237 Resp: 289434  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.4 82.4  
272 12.3 0.0 32.7

Manual Integrations  
APPROVED

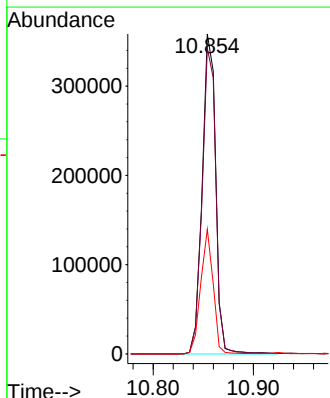
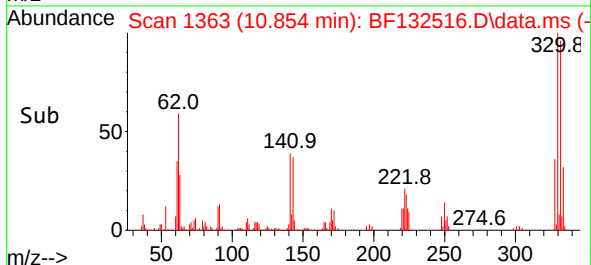
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

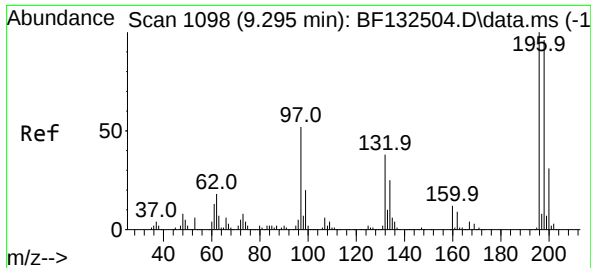


#42  
2,4,6-Tribromophenol  
Concen: 82.897 ng  
RT: 10.854 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion:330 Resp: 334051  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.2 114.4  
141 36.0 28.4 42.6





#43  
2,4,6-Trichlorophenol  
Concen: 41.429 ng  
RT: 9.289 min Scan# 1098  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

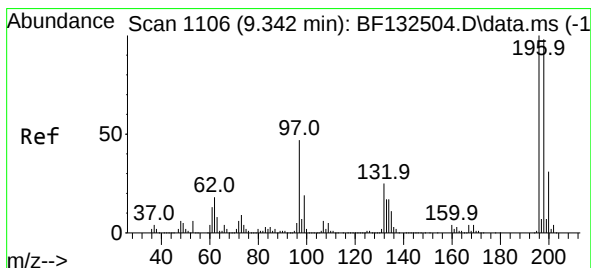
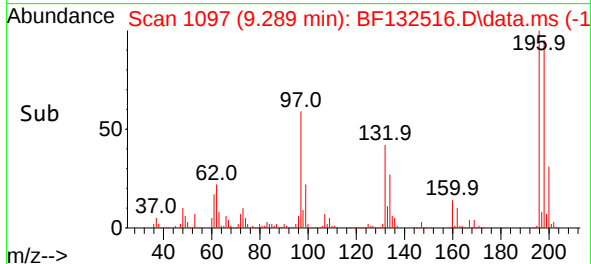
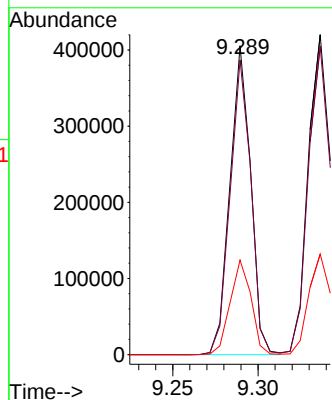
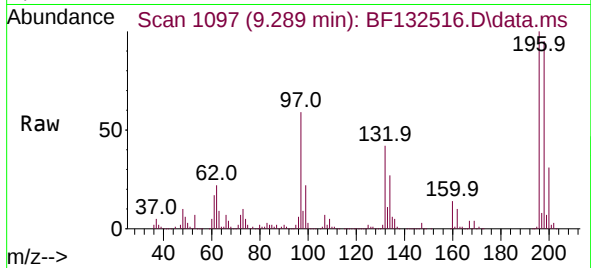
SSTDCCC040

Tgt Ion:196 Resp: 342759  
Ion Ratio Lower Upper  
196 100  
198 95.4 77.1 115.7  
200 30.6 25.0 37.4

Manual Integrations

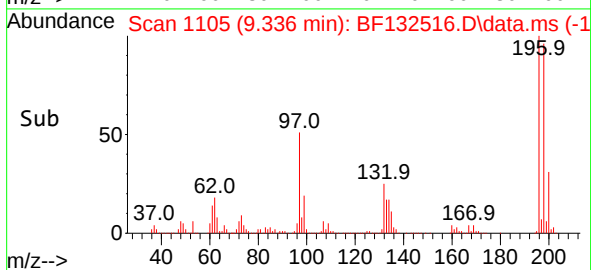
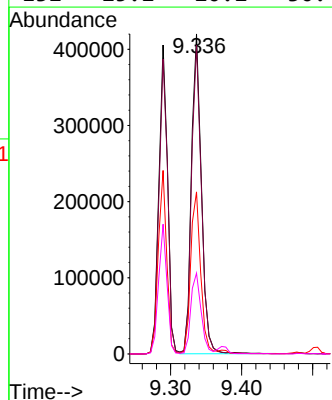
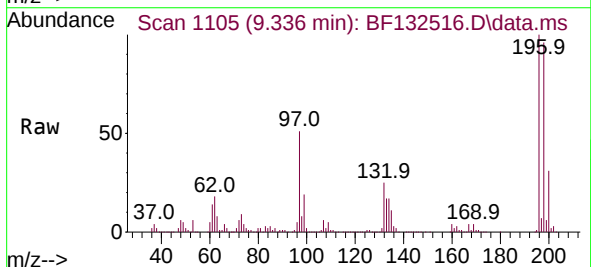
APPROVED

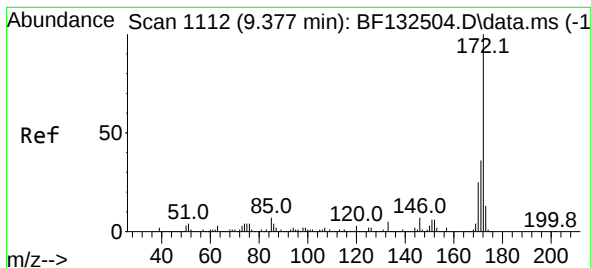
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#44  
2,4,5-Trichlorophenol  
Concen: 42.645 ng  
RT: 9.336 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:196 Resp: 411792  
Ion Ratio Lower Upper  
196 100  
198 96.4 78.3 117.5  
97 50.6 38.1 57.1  
132 25.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 75.076 ng

RT: 9.378 min Scan# 1112

Delta R.T. 0.001 min

Lab File: BF132516.D

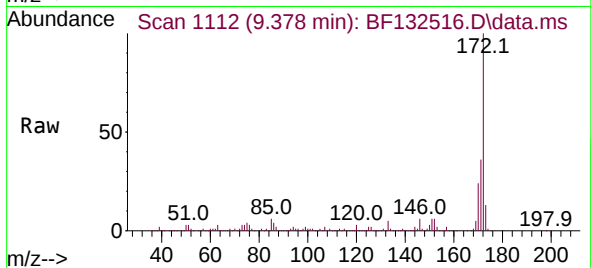
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 1839764

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

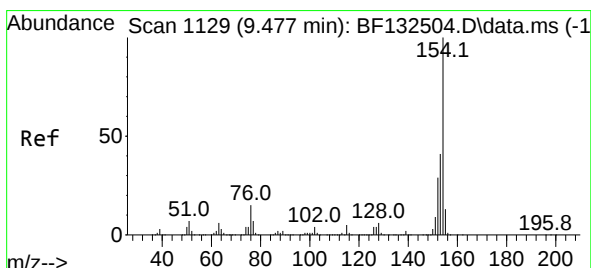
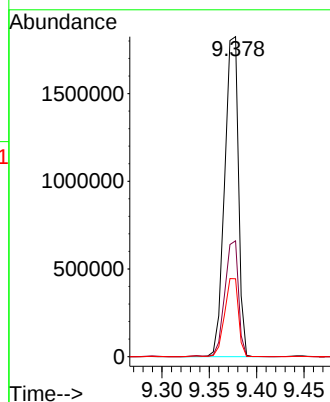
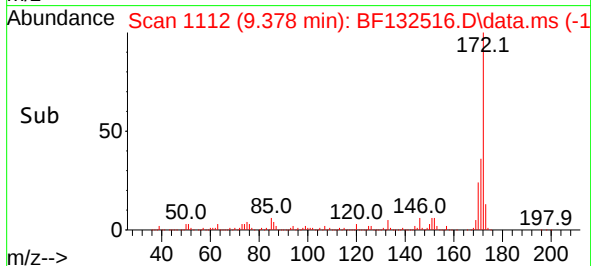
170 24.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#46

1,1'-Biphenyl

Concen: 40.823 ng

RT: 9.478 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

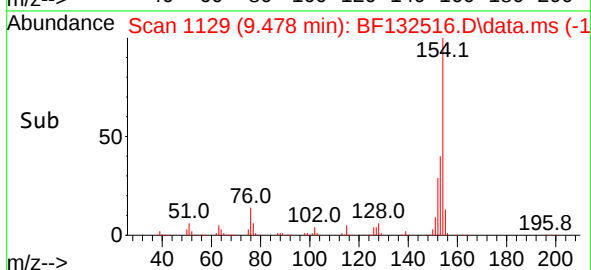
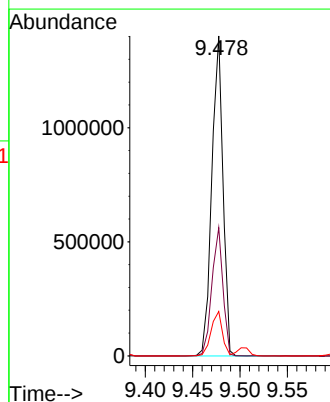
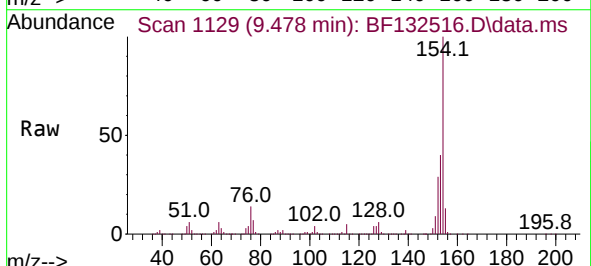
Tgt Ion:154 Resp: 1152933

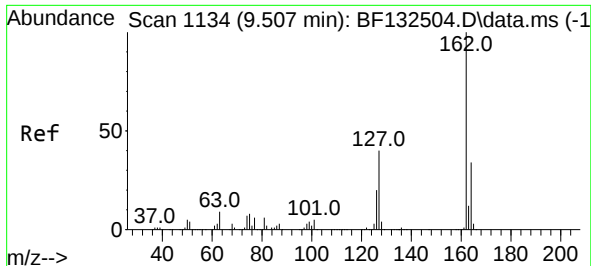
Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

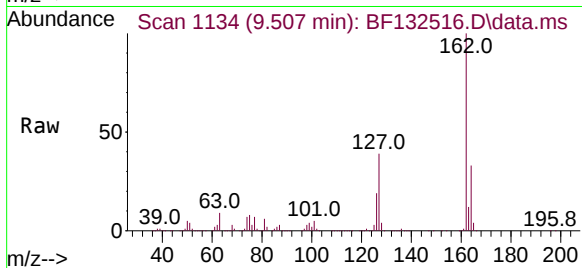
76 13.9 0.0 34.7





#47  
2-Chloronaphthalene  
Concen: 40.867 ng  
RT: 9.507 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

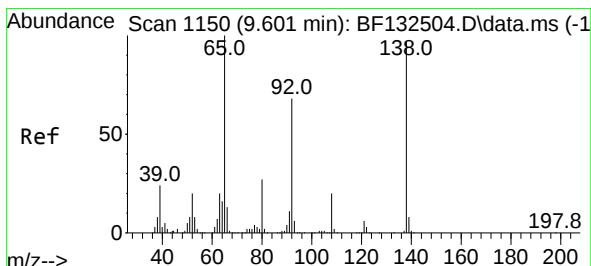
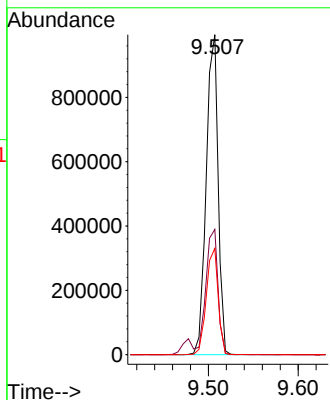
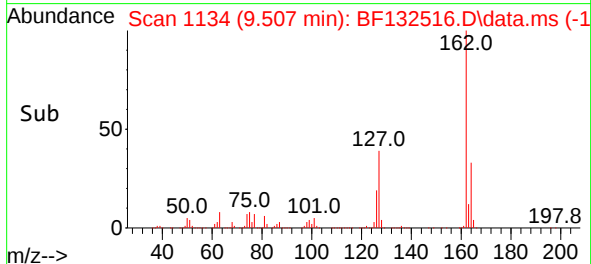
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 915062  
Ion Ratio Lower Upper  
162 100  
127 39.1 32.3 48.5  
164 33.2 26.9 40.3

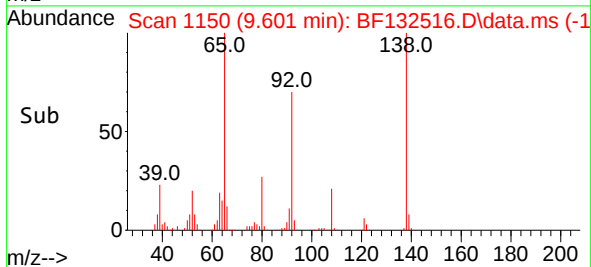
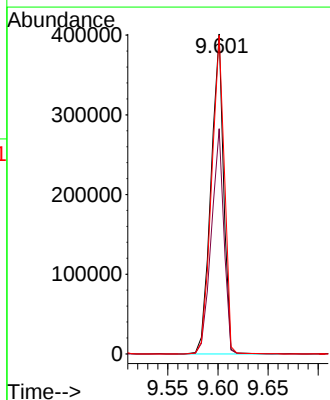
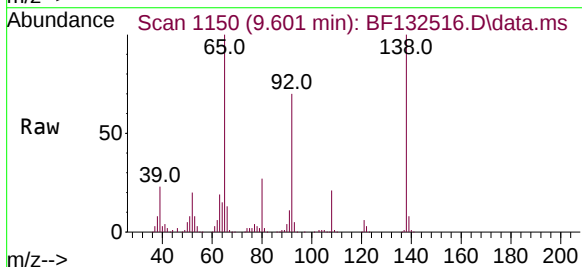
Manual Integrations  
APPROVED

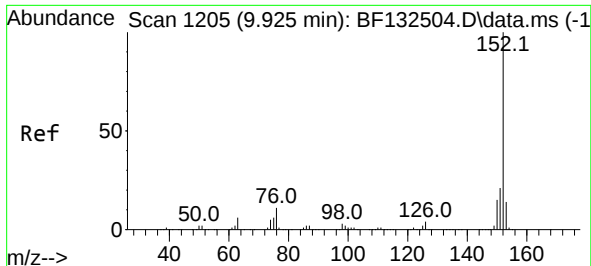
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#48  
2-Nitroaniline  
Concen: 42.214 ng  
RT: 9.601 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

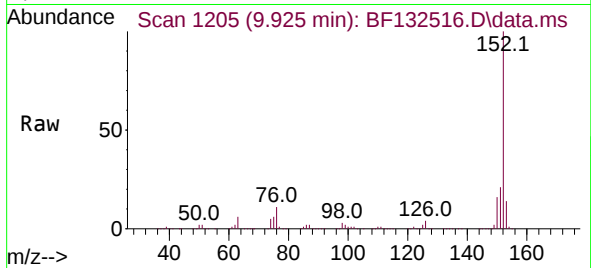
Tgt Ion: 65 Resp: 348137  
Ion Ratio Lower Upper  
65 100  
92 70.4 54.5 81.7  
138 99.5 77.2 115.8





#49  
Acenaphthylene  
Concen: 41.083 ng  
RT: 9.925 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

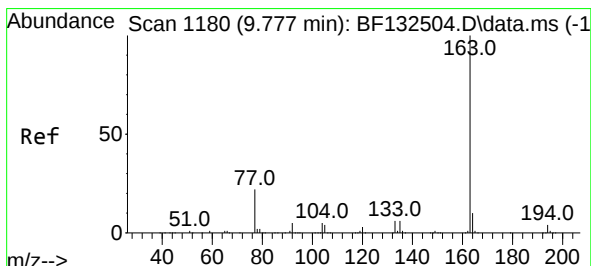
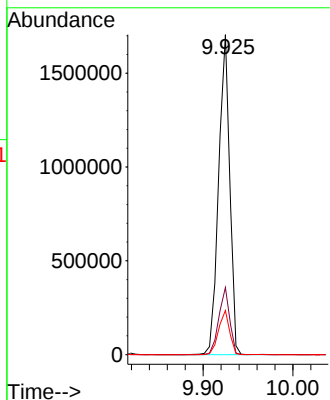
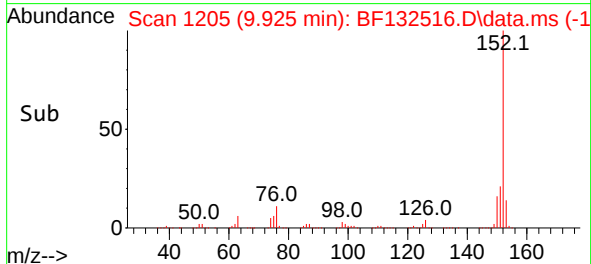
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



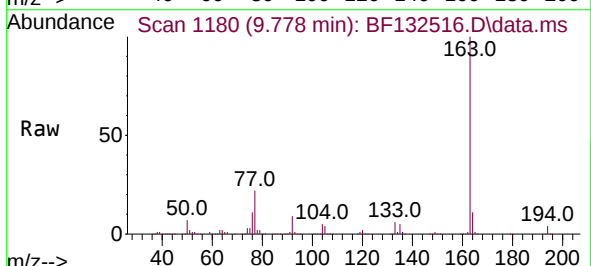
Tgt Ion:152 Resp: 146404  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.4 24.6  
153 13.8 11.0 16.6

Manual Integrations  
APPROVED

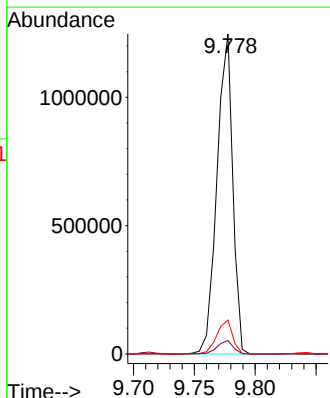
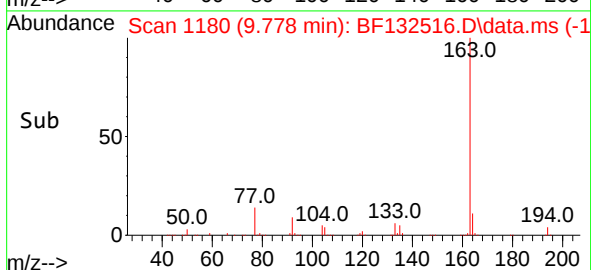
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

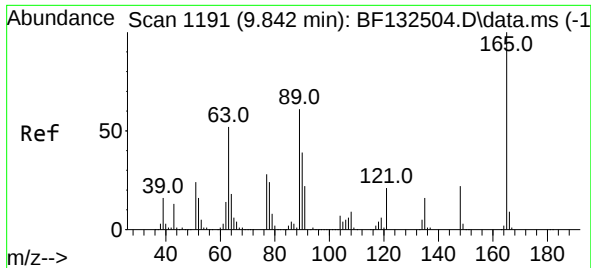


#50  
Dimethylphthalate  
Concen: 41.212 ng  
RT: 9.778 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion:163 Resp: 1119701  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.6 8.3 12.5





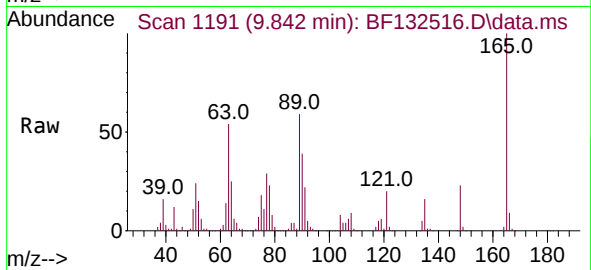
#51  
2,6-Dinitrotoluene  
Concen: 42.528 ng  
RT: 9.842 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

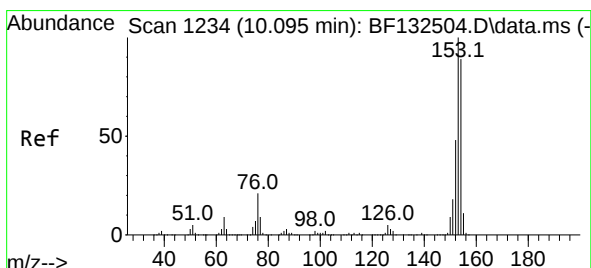
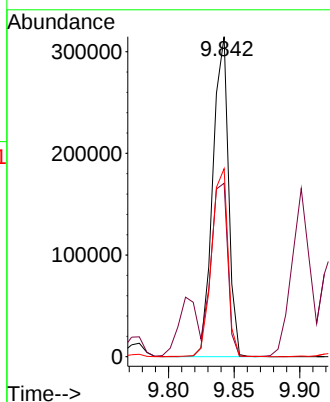
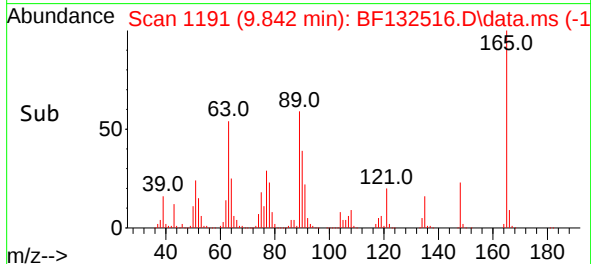


Tgt Ion:165 Resp: 263138  
Ion Ratio Lower Upper  
165 100  
63 54.2 47.3 70.9  
89 58.7 48.9 73.3

Manual Integrations

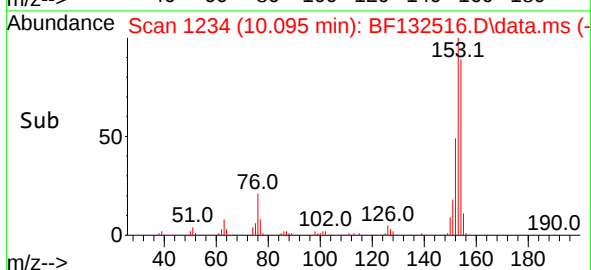
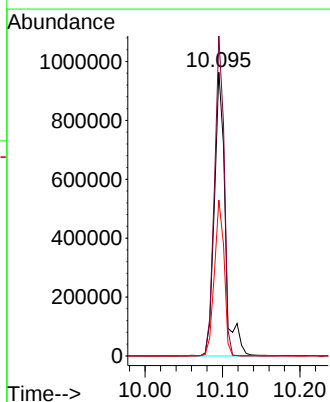
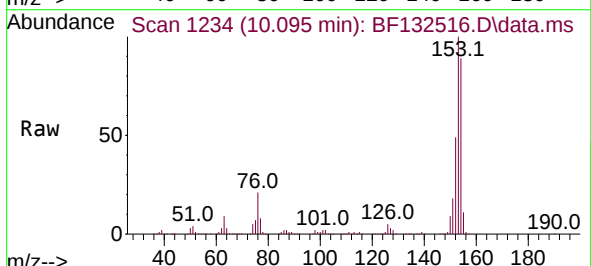
APPROVED

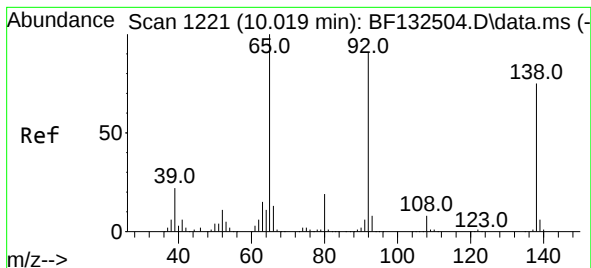
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#52  
Acenaphthene  
Concen: 41.496 ng  
RT: 10.095 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:154 Resp: 939014  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.8 134.8  
152 55.0 43.3 64.9





#53  
3-Nitroaniline  
Concen: 43.361 ng  
RT: 10.013 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

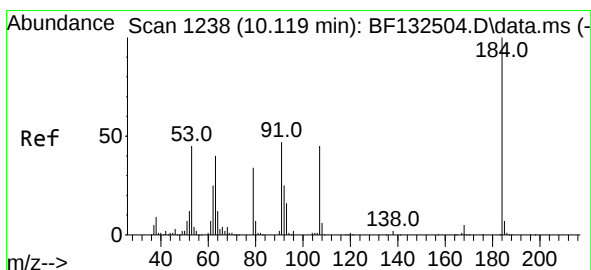
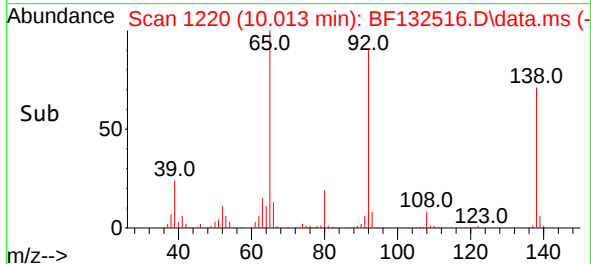
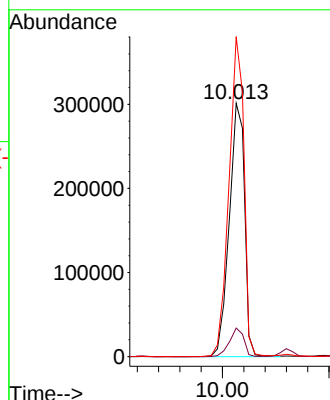
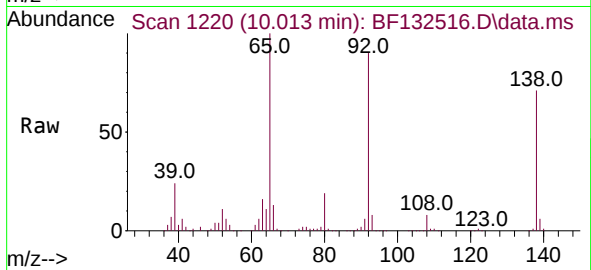
SSTDCCC040

Tgt Ion:138 Resp: 300123  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.1 12.1  
92 126.4 97.2 145.8

Manual Integrations

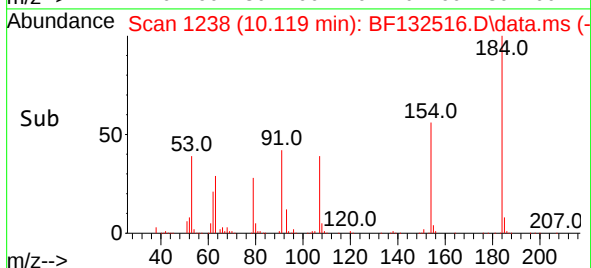
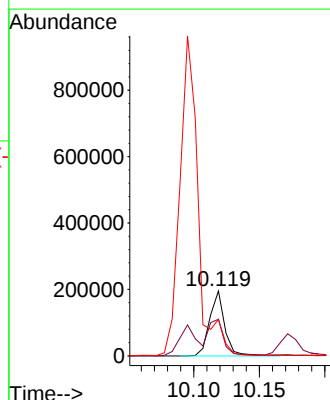
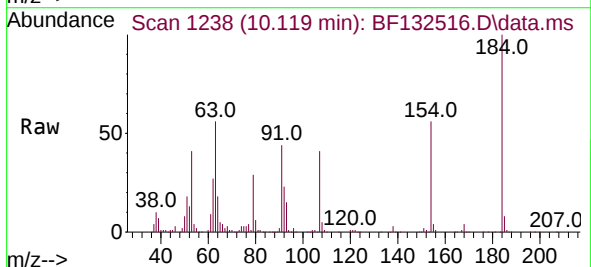
APPROVED

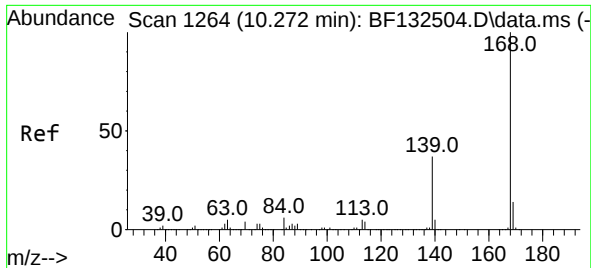
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#54  
2,4-Dinitrophenol  
Concen: 41.242 ng  
RT: 10.119 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

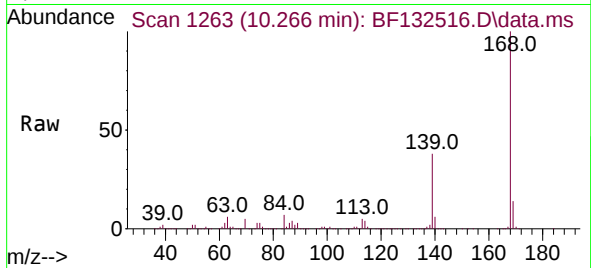
Tgt Ion:184 Resp: 157240  
Ion Ratio Lower Upper  
184 100  
63 56.5 51.4 77.2  
154 56.3 48.3 72.5





#55  
Dibenzofuran  
Concen: 40.710 ng  
RT: 10.266 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

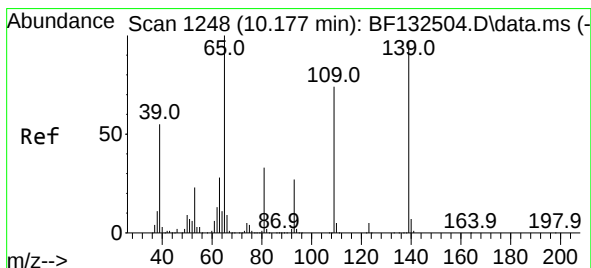
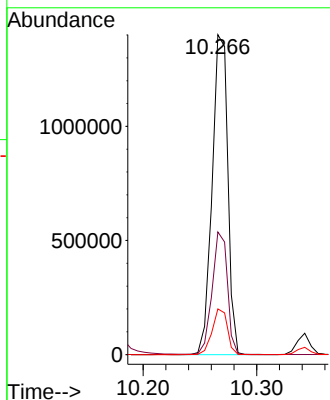
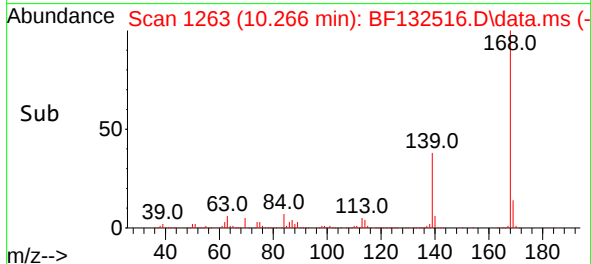
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 1342985  
Ion Ratio Lower Upper  
168 100  
139 38.3 29.8 44.6  
169 14.3 10.9 16.3

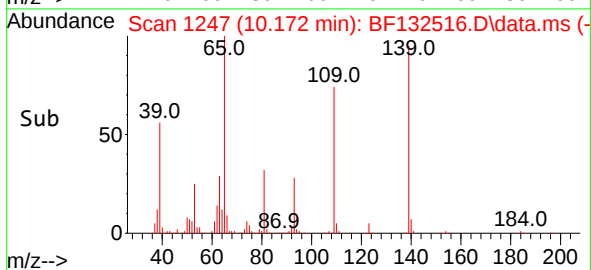
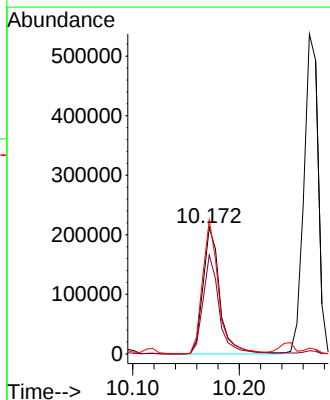
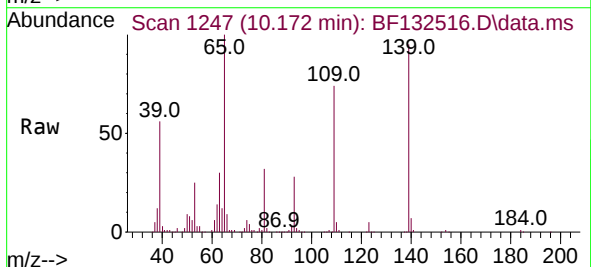
Manual Integrations  
APPROVED

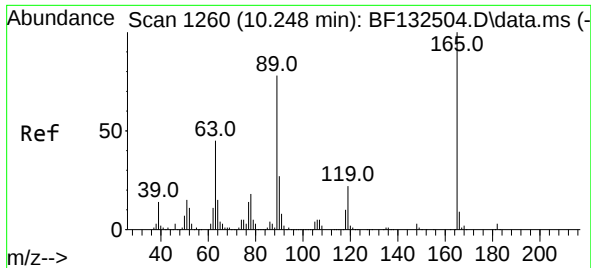
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#56  
4-Nitrophenol  
Concen: 44.857 ng  
RT: 10.172 min Scan# 1247  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

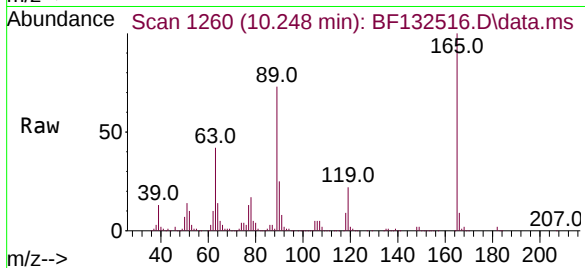
Tgt Ion:139 Resp: 231540  
Ion Ratio Lower Upper  
139 100  
109 78.3 56.7 96.7  
65 105.7 83.5 123.5





#57  
2,4-Dinitrotoluene  
Concen: 43.134 ng  
RT: 10.248 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

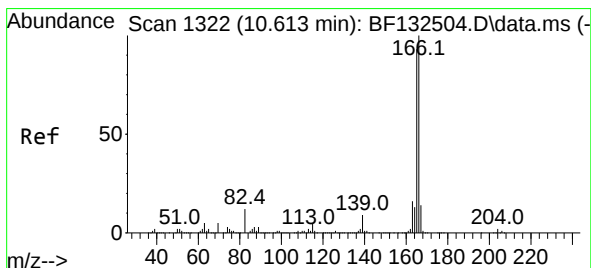
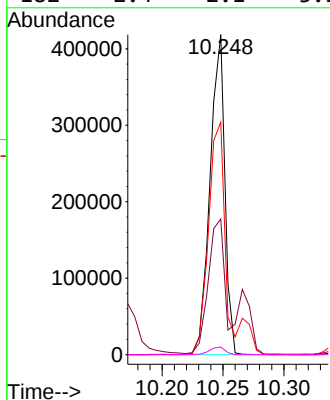
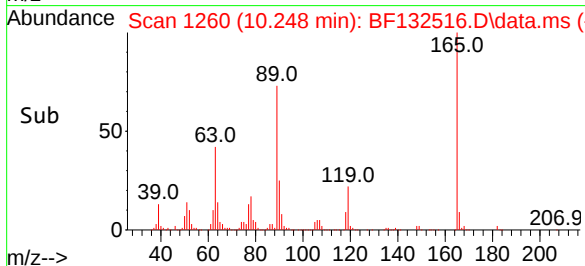
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 355060  
Ion Ratio Lower Upper  
165 100  
63 42.4 36.5 54.7  
89 72.7 62.4 93.6  
182 2.4 2.1 3.1

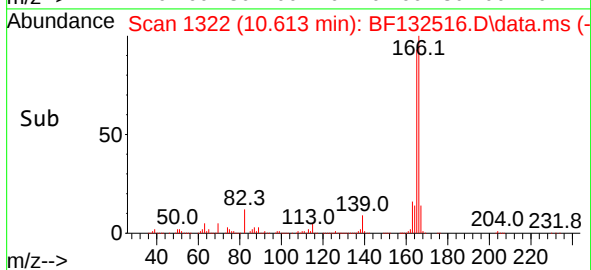
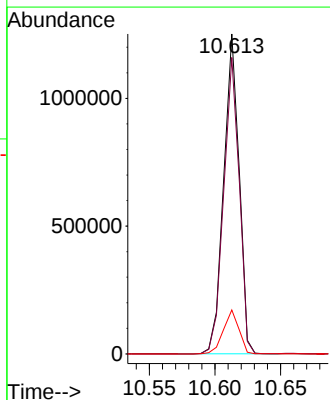
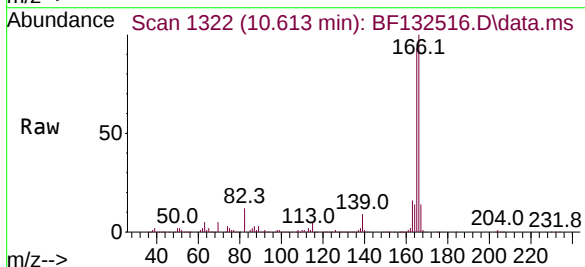
Manual Integrations  
APPROVED

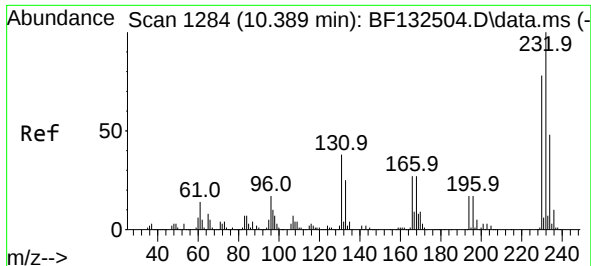
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#58  
Fluorene  
Concen: 40.723 ng  
RT: 10.613 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:166 Resp: 1027599  
Ion Ratio Lower Upper  
166 100  
165 92.6 74.2 111.4  
167 13.7 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.937 ng

RT: 10.383 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 307990

Ion Ratio Lower Upper

232 100

131 42.4 33.8 50.8

130 2.2 1.7 2.5

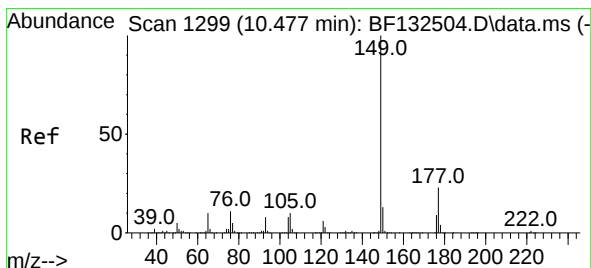
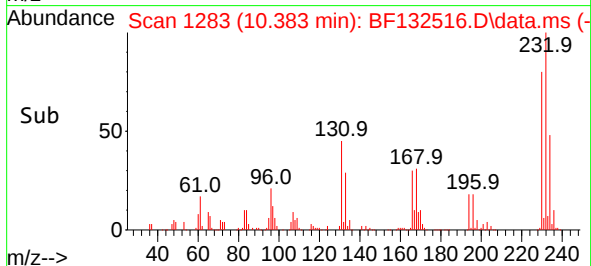
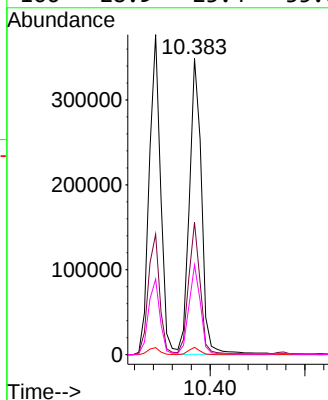
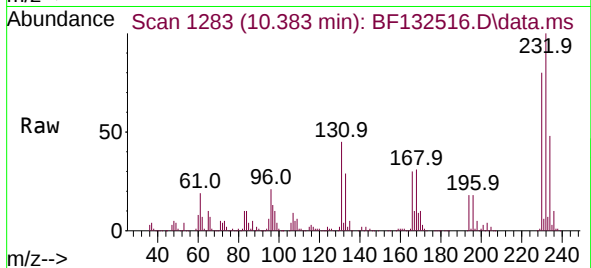
166 28.9 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#60

Diethylphthalate

Concen: 41.086 ng

RT: 10.478 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

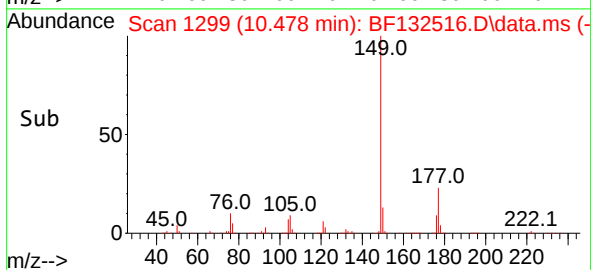
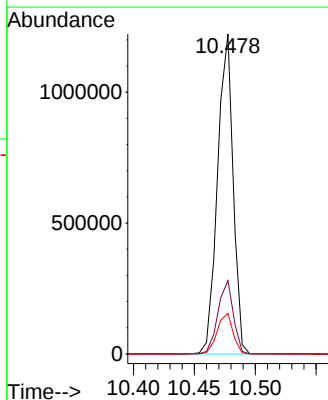
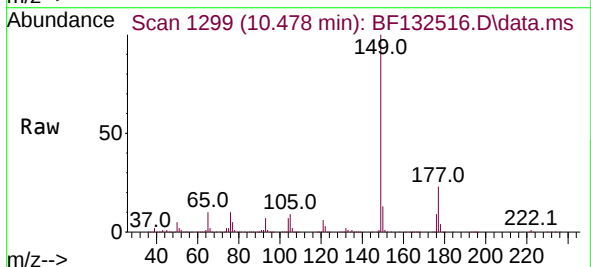
Tgt Ion:149 Resp: 1090194

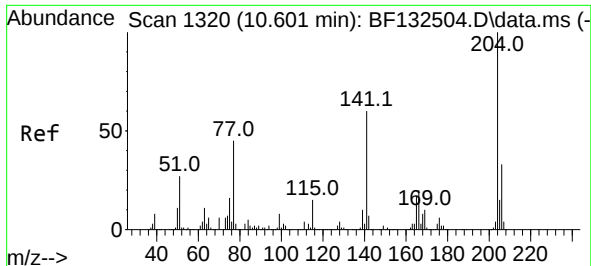
Ion Ratio Lower Upper

149 100

177 22.9 18.1 27.1

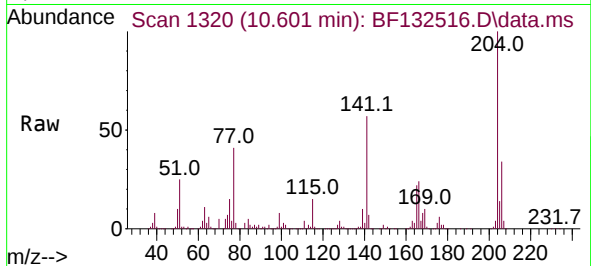
150 12.6 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.891 ng  
RT: 10.601 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

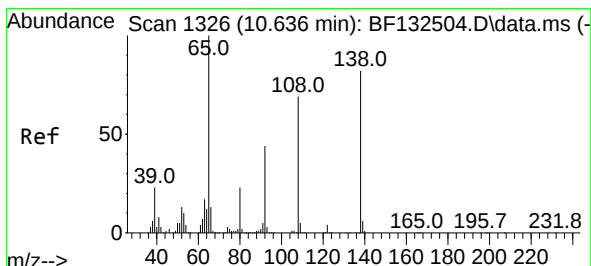
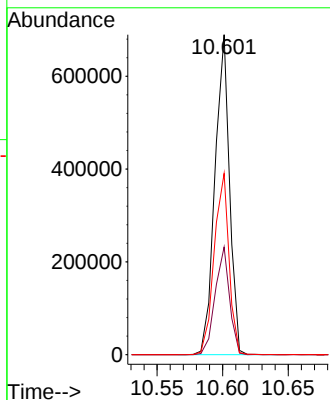
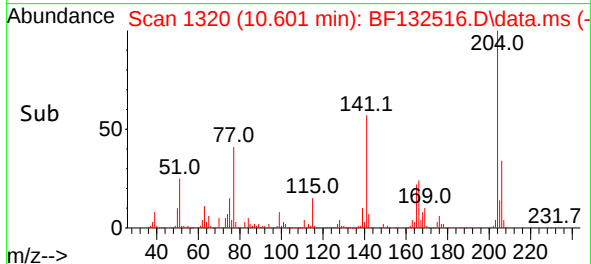
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 535279  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.3 39.5  
141 56.6 47.8 71.8

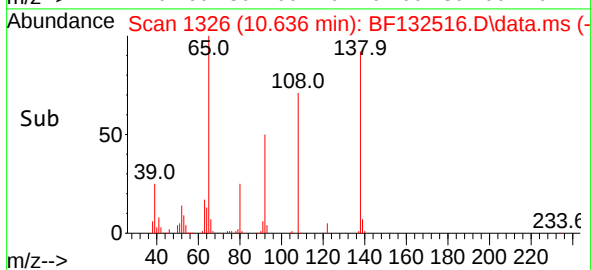
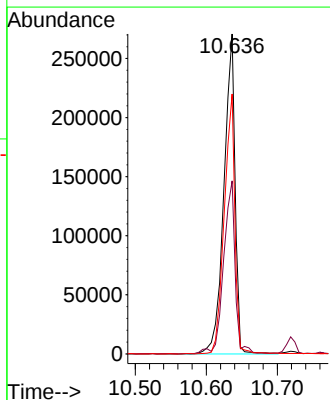
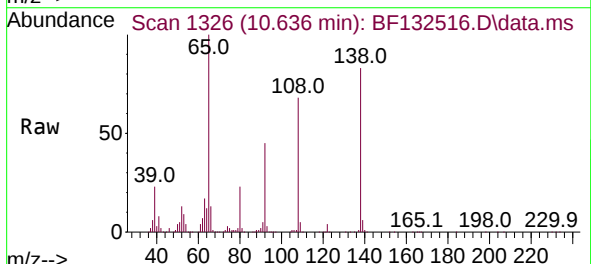
Manual Integrations  
APPROVED

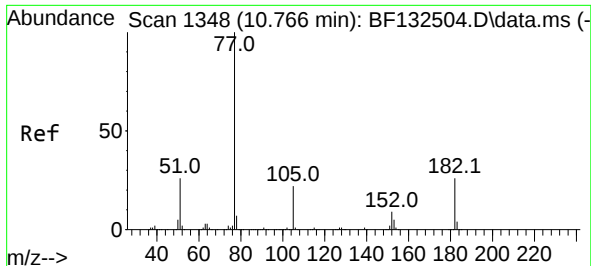
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#62  
4-Nitroaniline  
Concen: 43.747 ng  
RT: 10.636 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:138 Resp: 297226  
Ion Ratio Lower Upper  
138 100  
92 54.1 33.8 73.8  
108 81.2 63.7 103.7





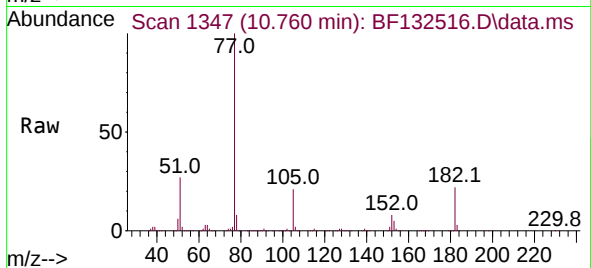
#63  
Azobenzene  
Concen: 42.007 ng  
RT: 10.760 min Scan# 1347  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

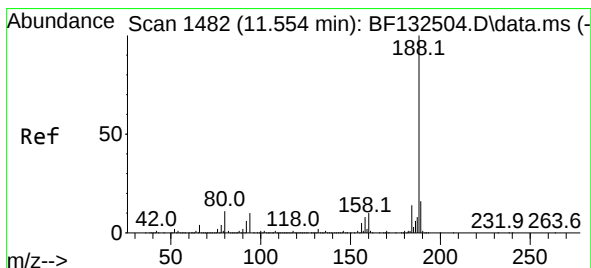
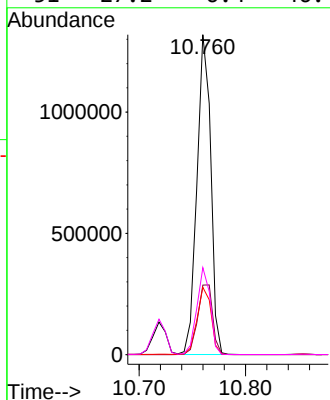
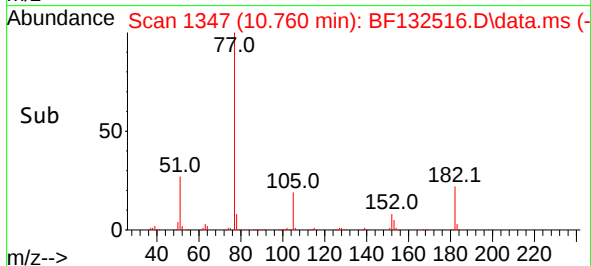


Tgt Ion: 77 Resp: 1180476  
Ion Ratio Lower Upper  
77 100  
182 21.7 5.5 45.5  
105 21.0 1.8 41.8  
51 27.2 6.4 46.4

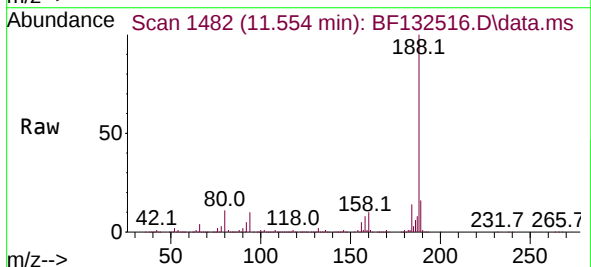
Manual Integrations

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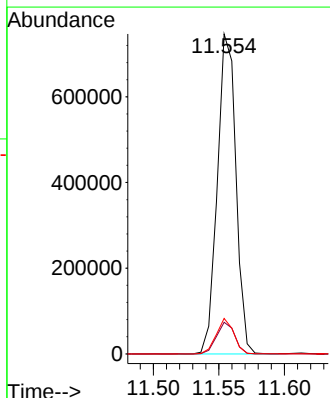
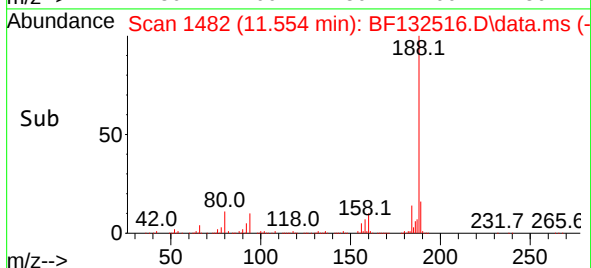
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

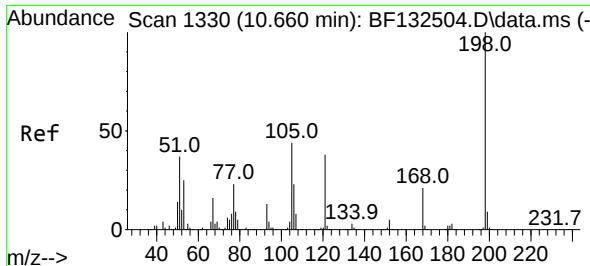


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.554 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion:188 Resp: 739096  
Ion Ratio Lower Upper  
188 100  
94 9.9 8.3 12.5  
80 11.1 8.7 13.1





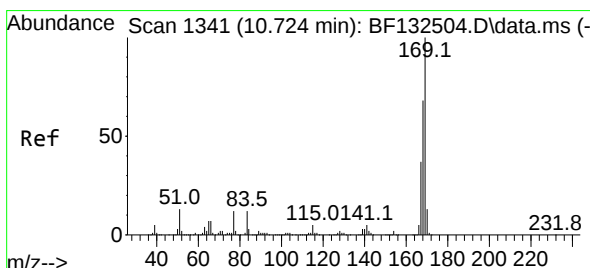
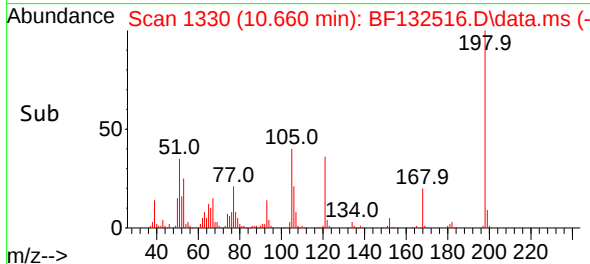
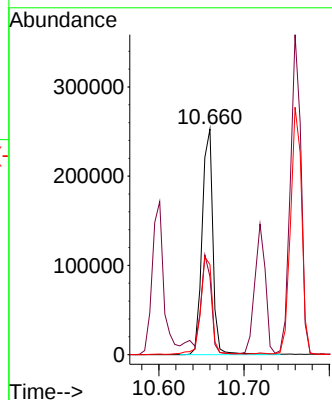
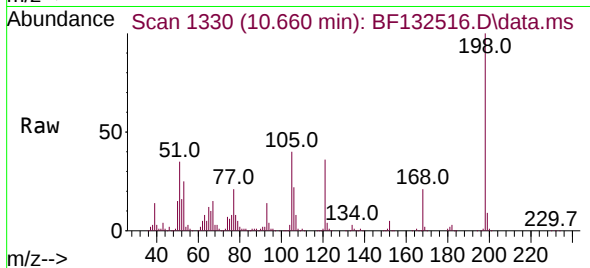
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.155 ng  
RT: 10.660 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 220919  
Ion Ratio Lower Upper  
198 100  
51 34.6 20.6 60.6  
105 39.9 24.3 64.3

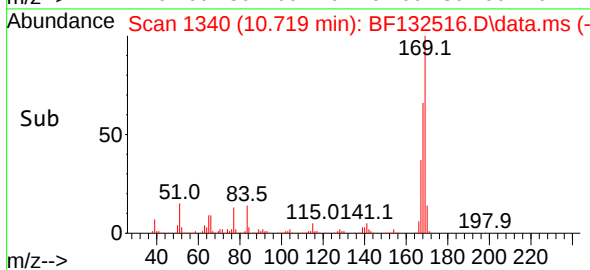
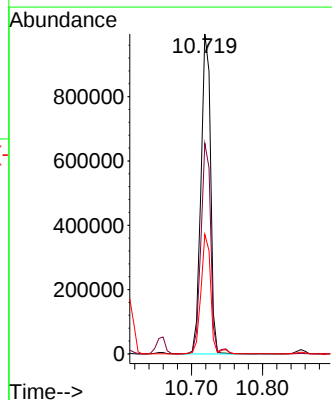
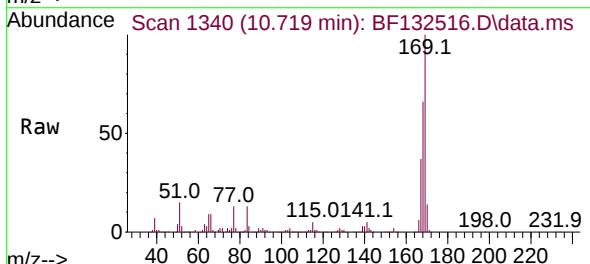
Manual Integrations  
APPROVED

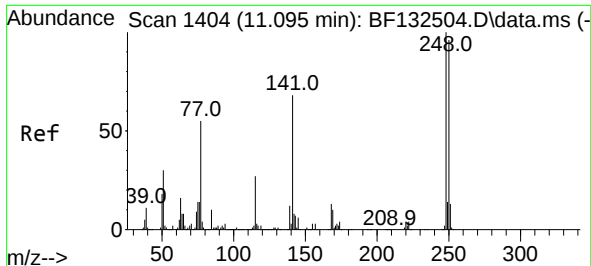
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#66  
n-Nitrosodiphenylamine  
Concen: 40.123 ng  
RT: 10.719 min Scan# 1340  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

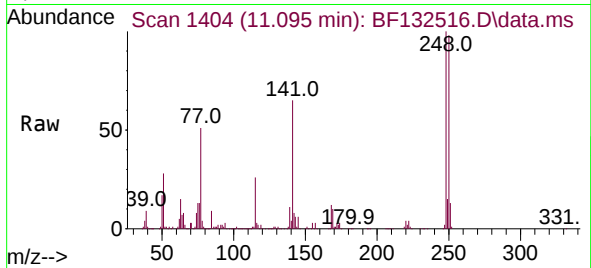
Tgt Ion:169 Resp: 924512  
Ion Ratio Lower Upper  
169 100  
168 65.8 54.2 81.4  
167 37.3 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 40.722 ng  
RT: 11.095 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

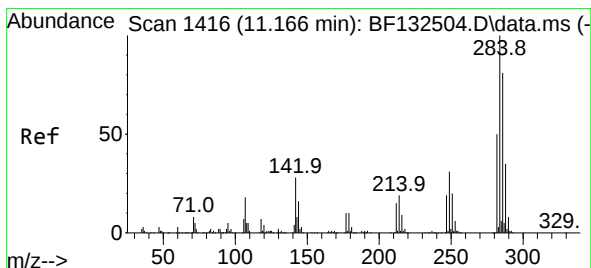
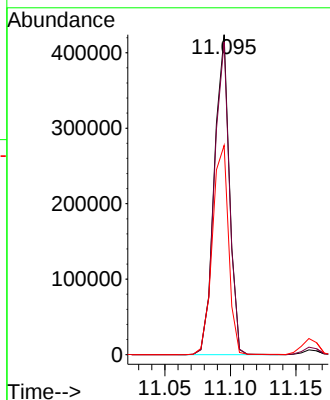
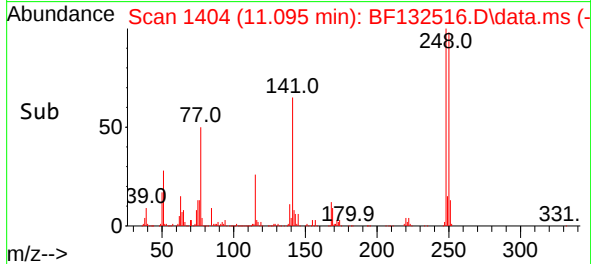
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



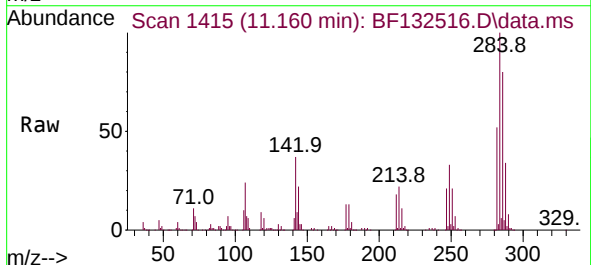
Tgt Ion:248 Resp: 340448  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.0 115.4  
141 65.4 54.2 81.2

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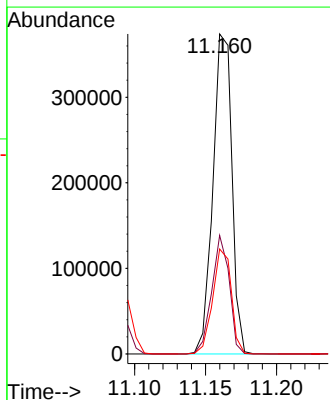
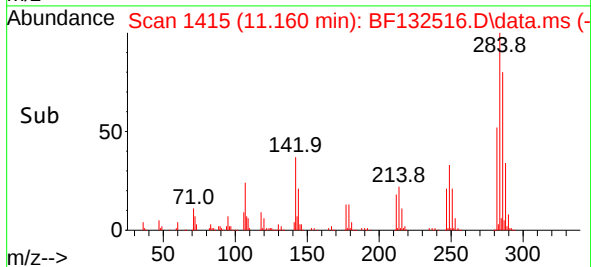
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

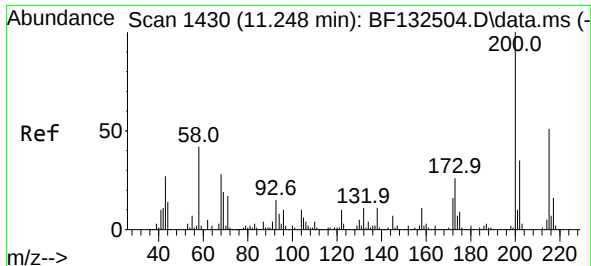


#68  
Hexachlorobenzene  
Concen: 39.602 ng  
RT: 11.160 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



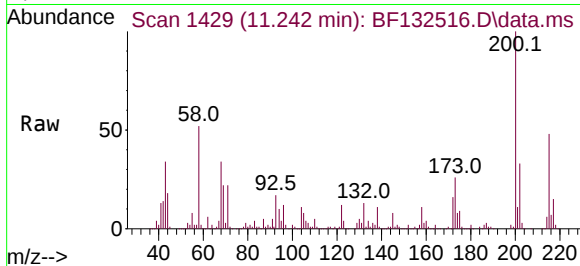
Tgt Ion:284 Resp: 348379  
Ion Ratio Lower Upper  
284 100  
142 37.0 22.2 33.4#  
249 32.8 24.9 37.3





#69  
Atrazine  
Concen: 41.111 ng  
RT: 11.242 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

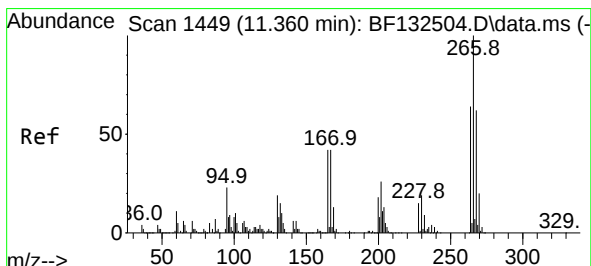
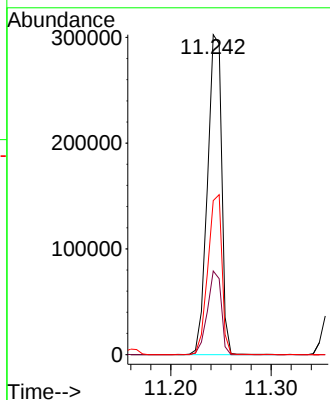
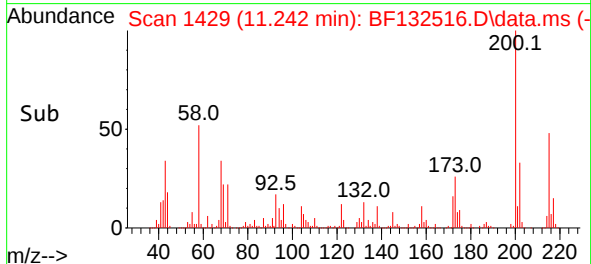
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



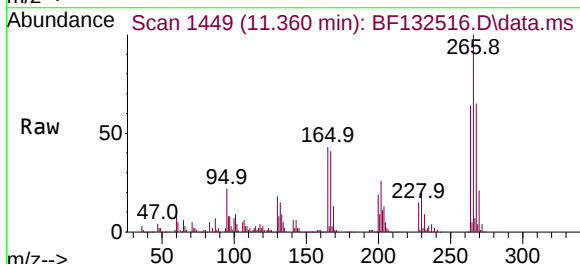
Tgt Ion:200 Resp: 295730  
Ion Ratio Lower Upper  
200 100  
173 26.1 6.4 46.4  
215 48.1 31.0 71.0

Manual Integrations  
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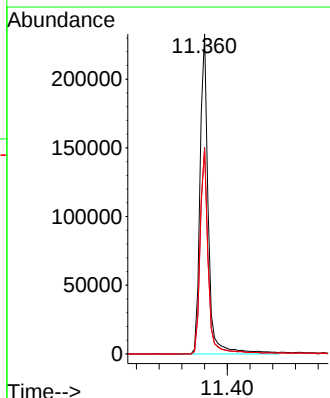
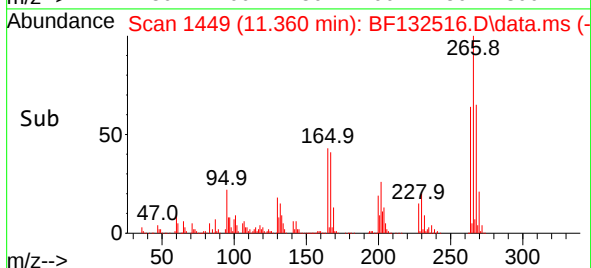
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

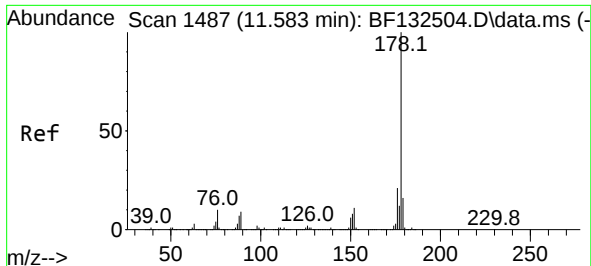


#70  
Pentachlorophenol  
Concen: 44.519 ng  
RT: 11.360 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion:266 Resp: 233006  
Ion Ratio Lower Upper  
266 100  
268 64.6 49.8 74.6  
264 64.0 50.9 76.3





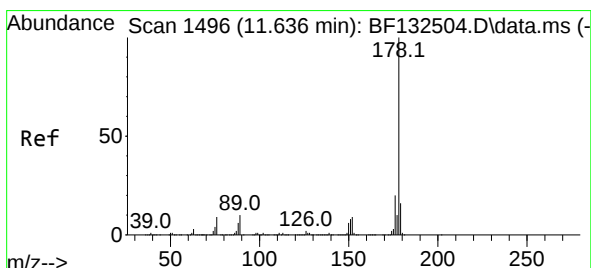
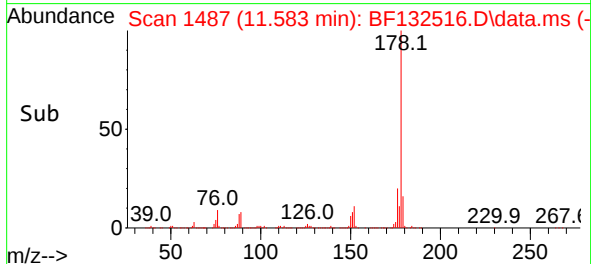
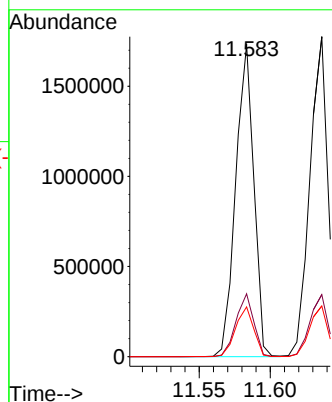
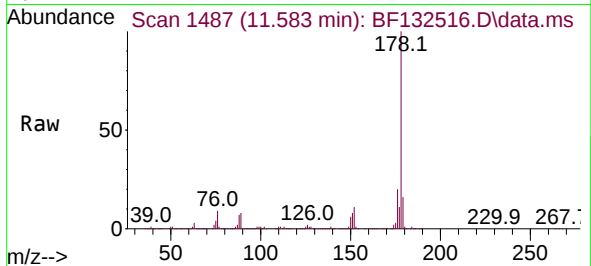
#71  
Phenanthrene  
Concen: 40.018 ng  
RT: 11.583 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 1532248  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.5 24.7  
179 15.9 13.0 19.6

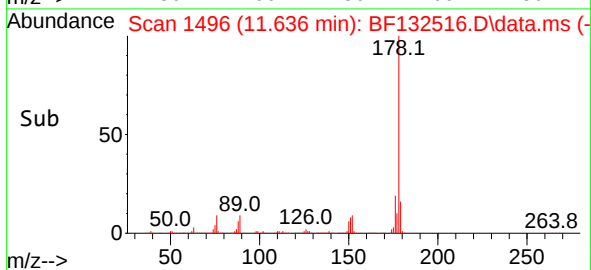
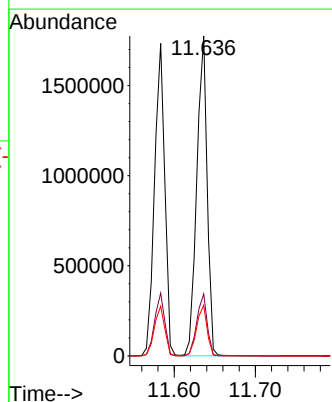
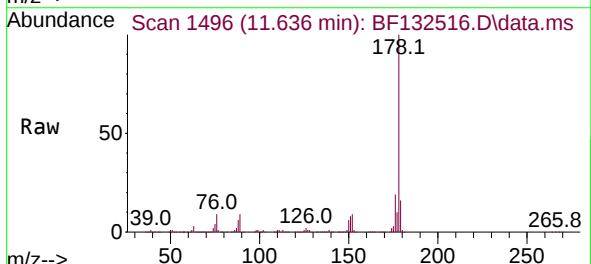
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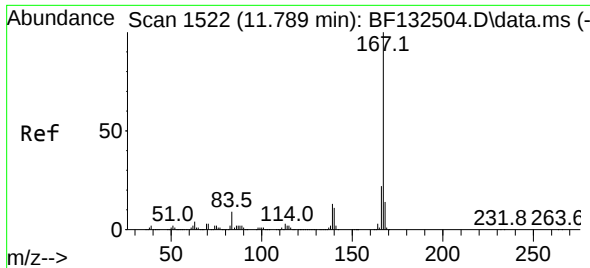
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#72  
Anthracene  
Concen: 39.807 ng  
RT: 11.636 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

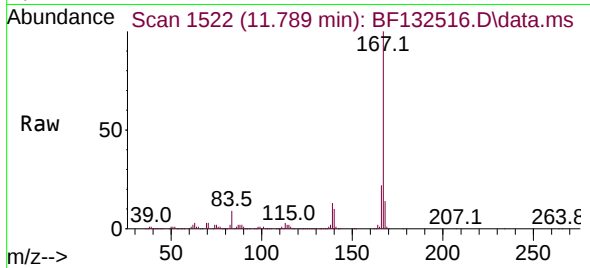
Tgt Ion:178 Resp: 1569534  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.6 23.4  
179 15.8 12.5 18.7





#73  
 Carbazole  
 Concen: 40.791 ng  
 RT: 11.789 min Scan# 1522  
 Delta R.T. 0.000 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44

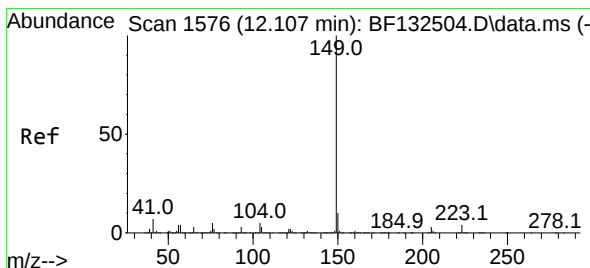
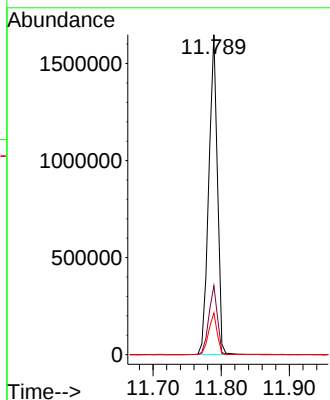
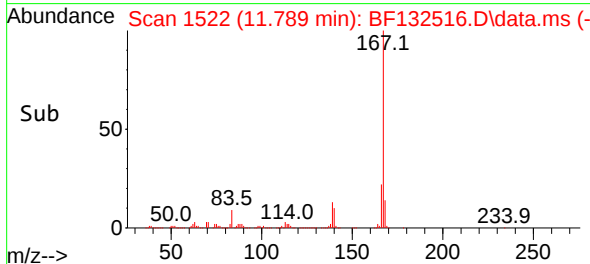
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



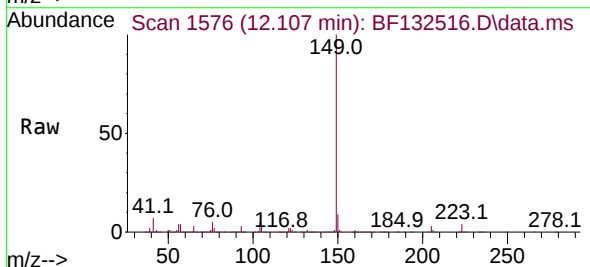
Tgt Ion:167 Resp: 1450062  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.7 26.5  
 139 13.0 10.5 15.7

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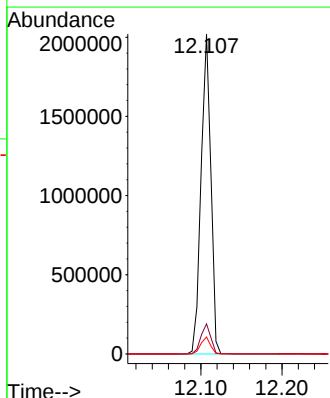
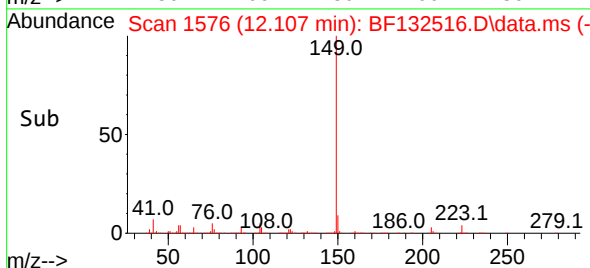
Reviewed By :Christian Giraldo 02/24/2023  
 Supervised By :Jagrut Upadhyay 02/24/2023

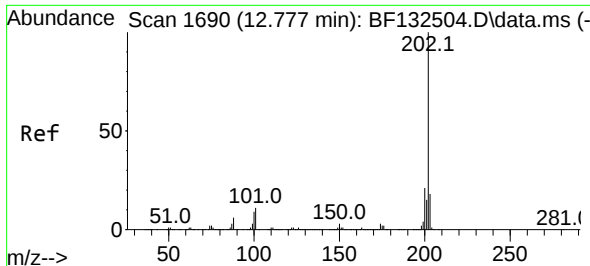


#74  
 Di-n-butylphthalate  
 Concen: 40.325 ng  
 RT: 12.107 min Scan# 1576  
 Delta R.T. 0.000 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44



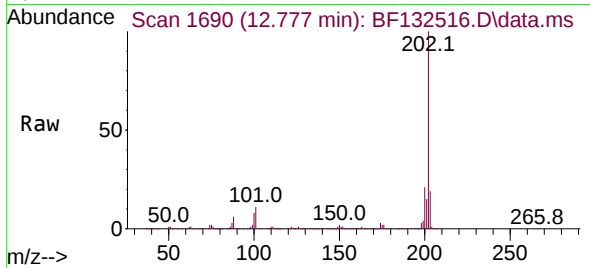
Tgt Ion:149 Resp: 1681552  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.8  
 104 5.3 4.3 6.5





#75  
Fluoranthene  
Concen: 40.929 ng  
RT: 12.777 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

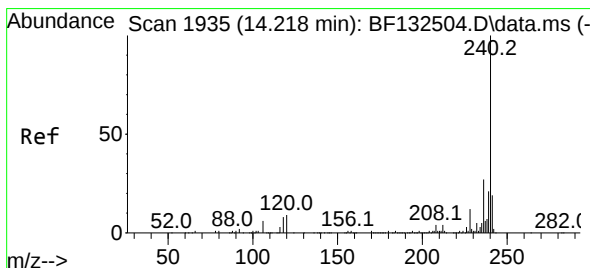
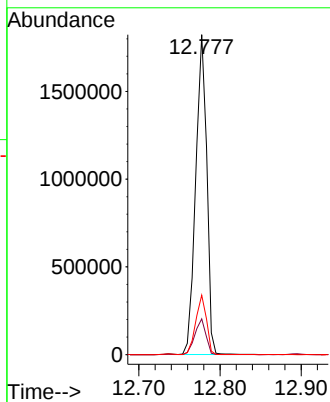
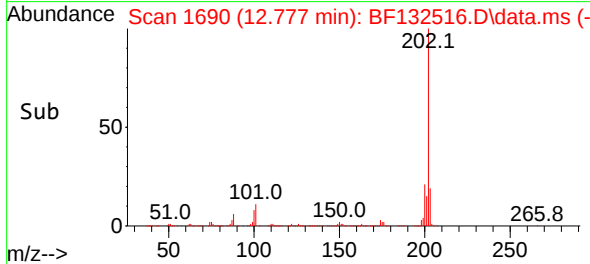
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



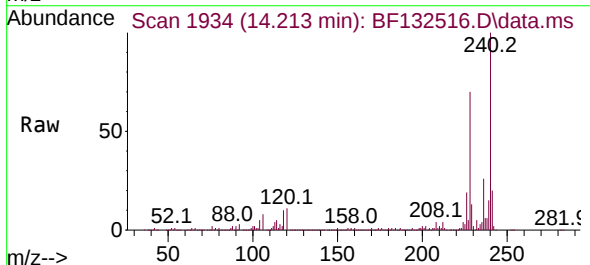
Tgt Ion:202 Resp: 1713193  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.4  
203 18.6 0.0 38.0

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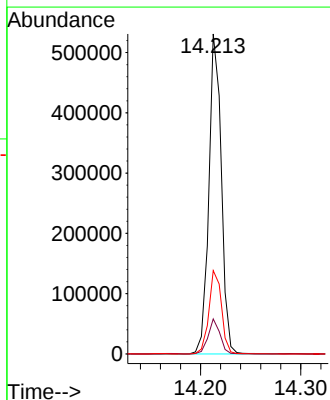
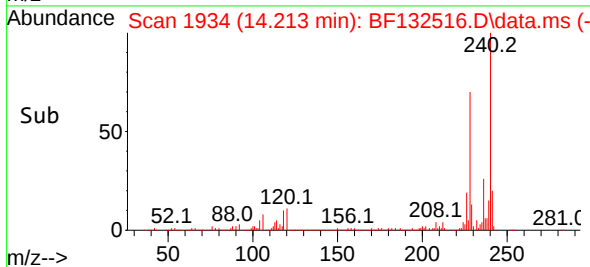
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

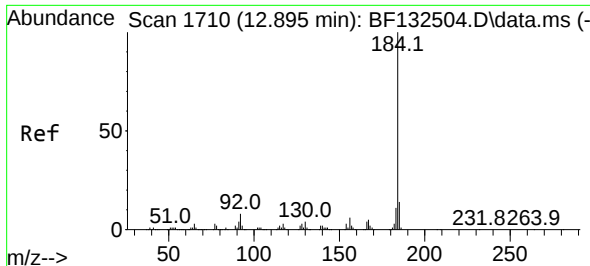


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.213 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



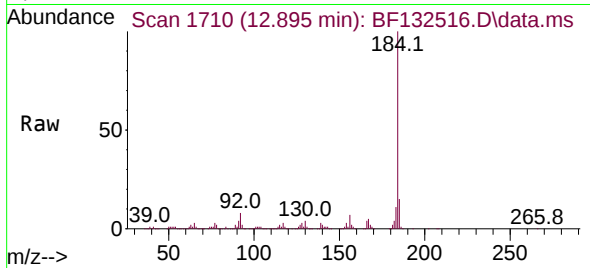
Tgt Ion:240 Resp: 455920  
Ion Ratio Lower Upper  
240 100  
120 10.9 7.2 10.8#  
236 26.0 21.8 32.6





#77  
Benzidine  
Concen: 56.397 ng  
RT: 12.895 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

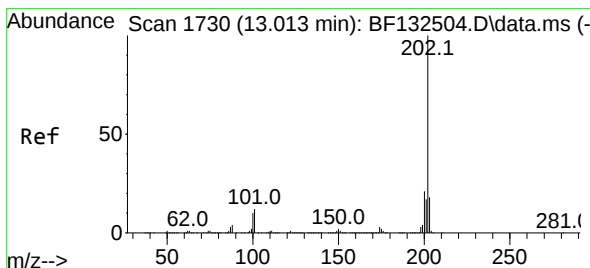
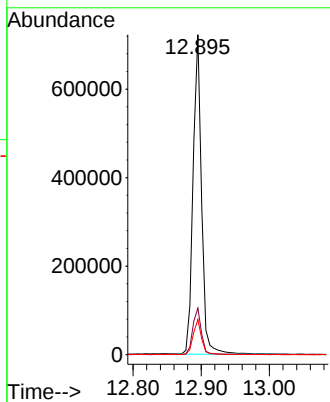
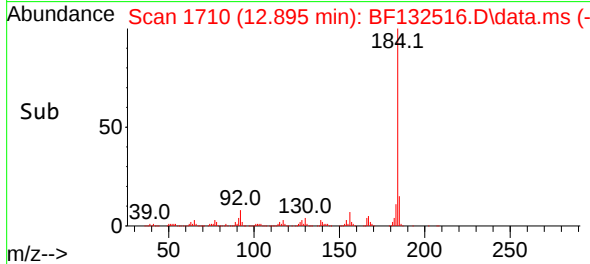
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



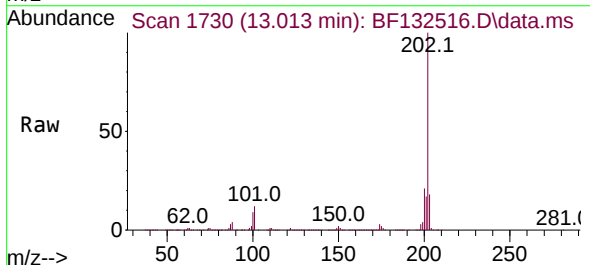
Tgt Ion:184 Resp: 625916  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.7 17.5  
183 11.0 8.7 13.1

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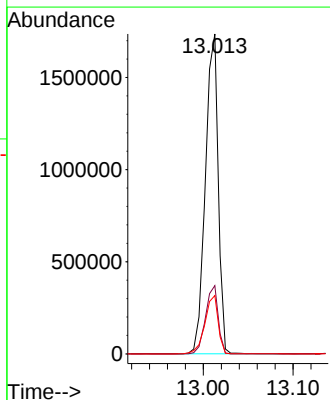
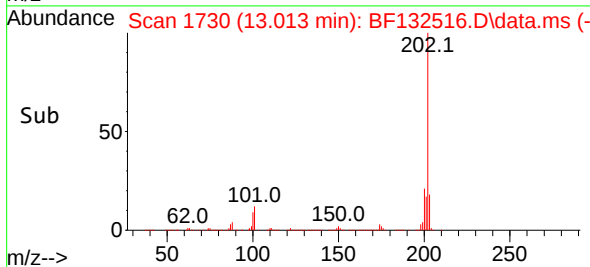
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

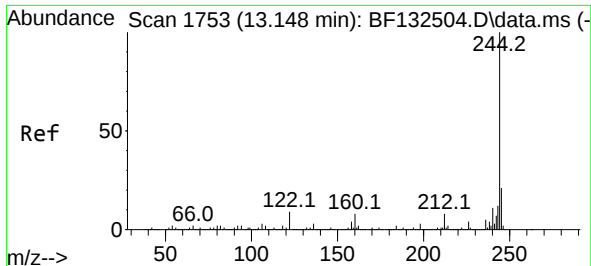


#78  
Pyrene  
Concen: 41.564 ng  
RT: 13.013 min Scan# 1730  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



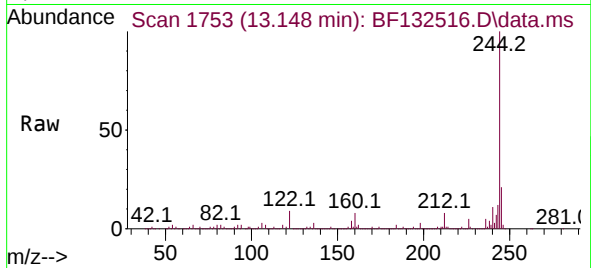
Tgt Ion:202 Resp: 1722896  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.1 25.7  
203 18.2 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 80.867 ng  
 RT: 13.148 min Scan# 1753  
 Delta R.T. 0.000 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44

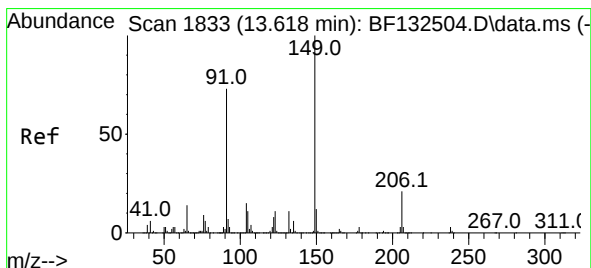
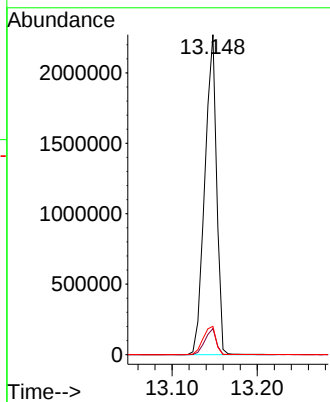
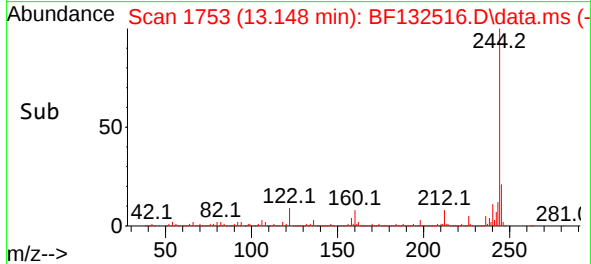
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



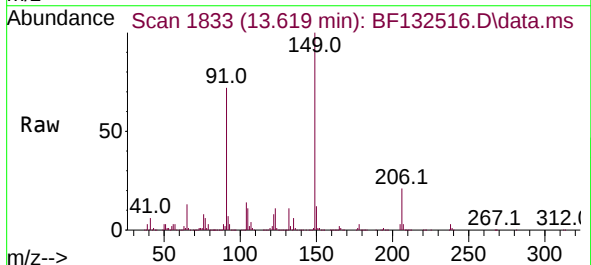
Tgt Ion:244 Resp: 218063  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.5 9.7  
 122 8.8 7.5 11.3

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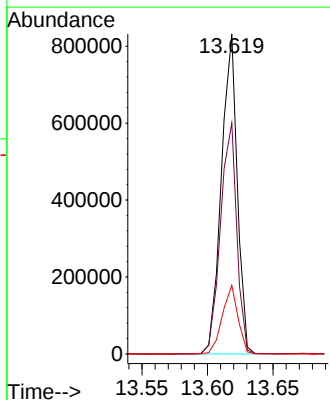
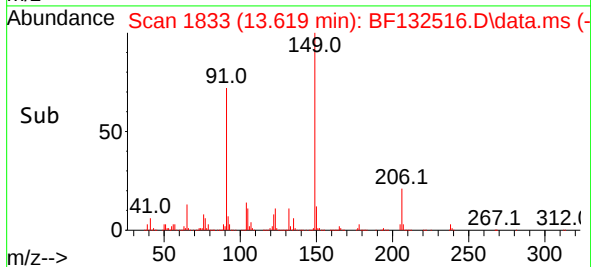
Reviewed By :Christian Giraldo 02/24/2023  
 Supervised By :Jagrut Upadhyay 02/24/2023

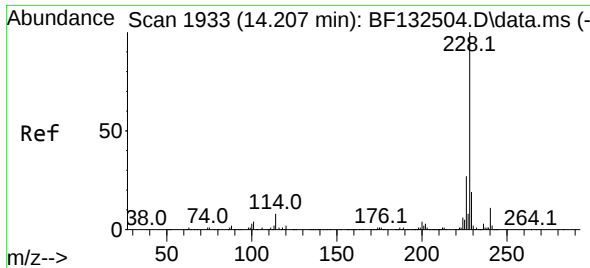


#80  
 Butylbenzylphthalate  
 Concen: 43.004 ng  
 RT: 13.619 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44



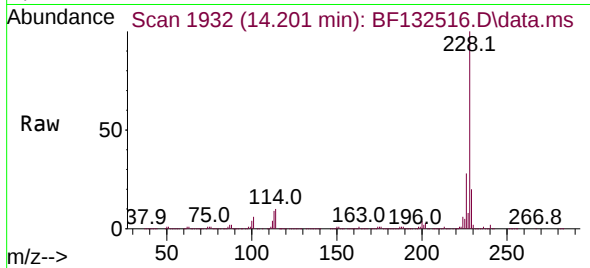
Tgt Ion:149 Resp: 703441  
 Ion Ratio Lower Upper  
 149 100  
 91 72.2 58.4 87.6  
 206 21.4 16.8 25.2





#81  
Benzo(a)anthracene  
Concen: 41.445 ng  
RT: 14.201 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

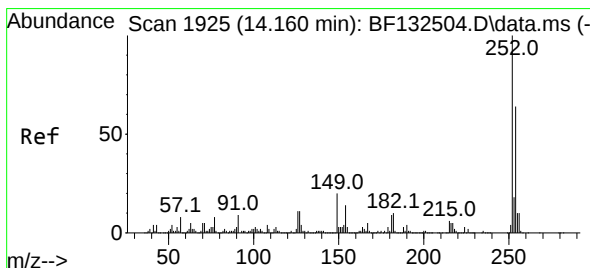
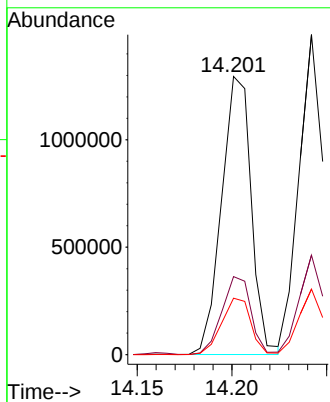
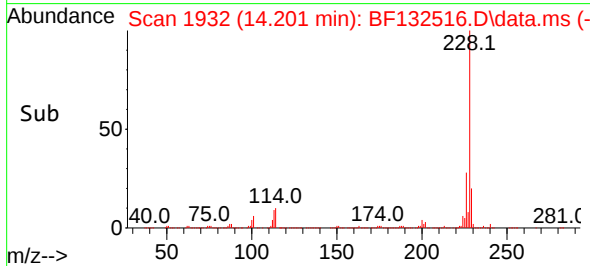
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



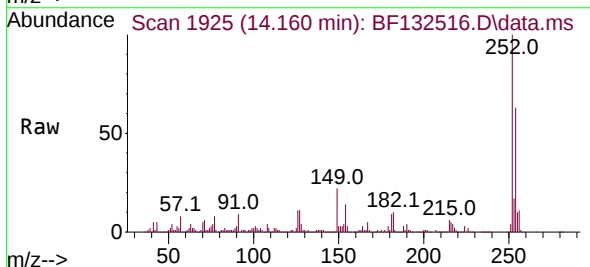
Tgt Ion:228 Resp: 1413813  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.7 32.5  
229 20.3 15.4 23.2

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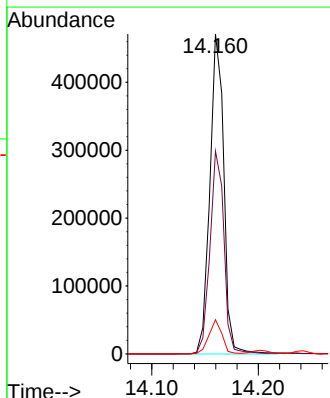
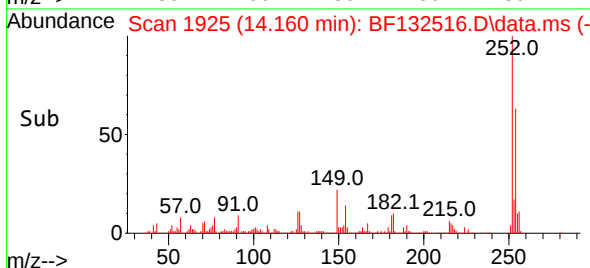
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

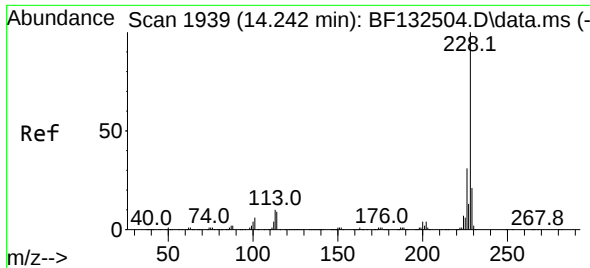


#82  
3,3'-Dichlorobenzidine  
Concen: 42.399 ng  
RT: 14.160 min Scan# 1925  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



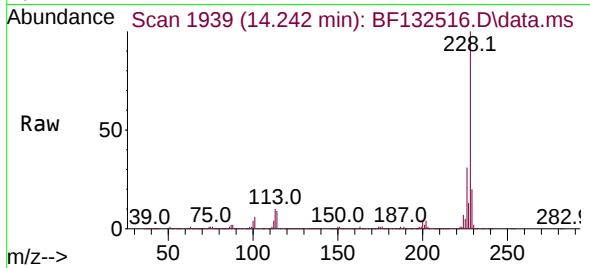
Tgt Ion:252 Resp: 426417  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.4 77.2  
126 10.7 8.9 13.3





#83  
Chrysene  
Concen: 41.034 ng  
RT: 14.242 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

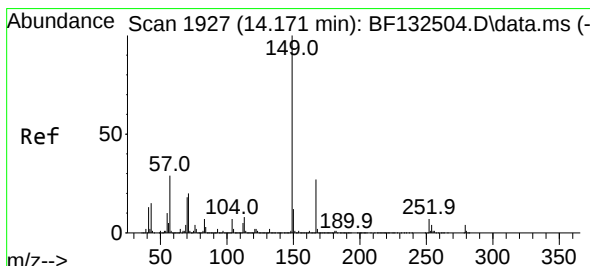
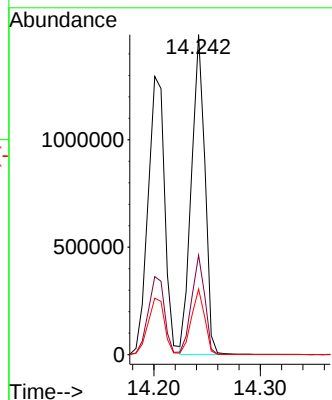
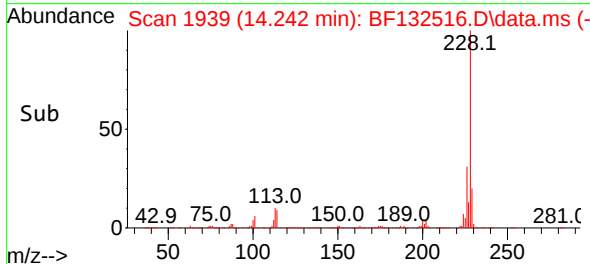
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



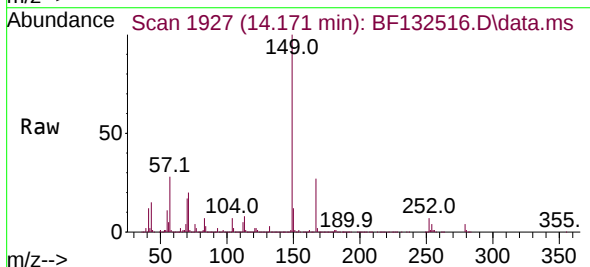
Tgt Ion:228 Resp: 1308982  
Ion Ratio Lower Upper  
228 100  
226 31.1 25.0 37.6  
229 20.5 16.4 24.6

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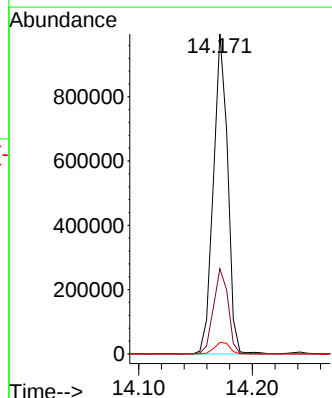
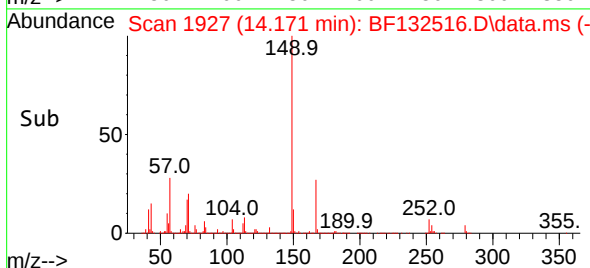
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

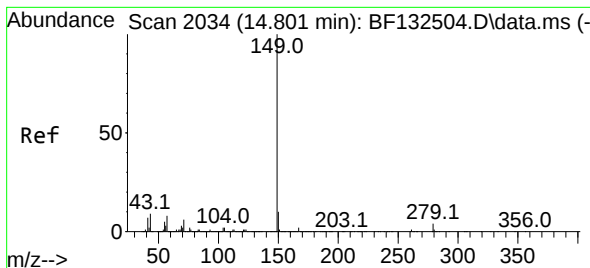


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.315 ng  
RT: 14.171 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44



Tgt Ion:149 Resp: 870389  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.8 32.6  
279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.437 ng

RT: 14.801 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132516.D

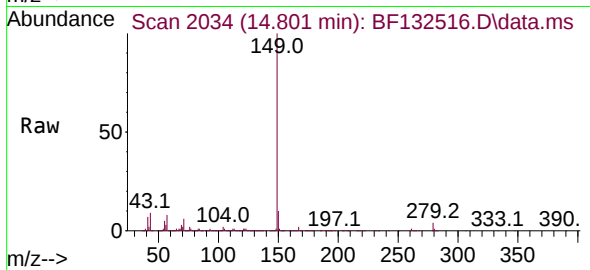
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1304843

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

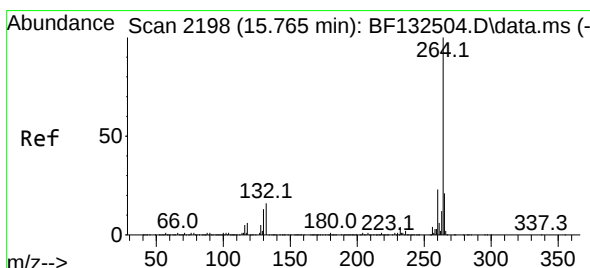
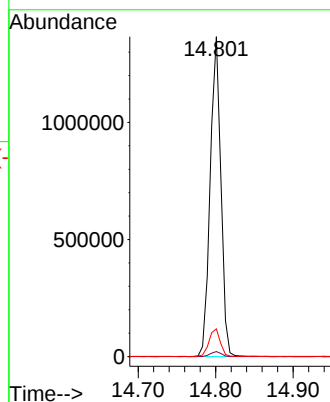
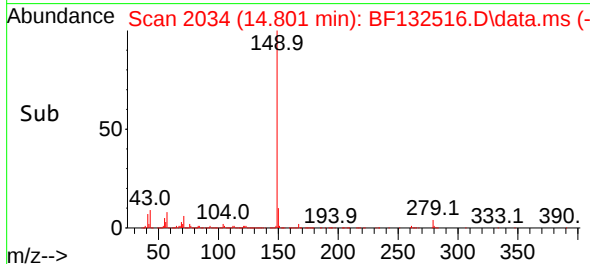
43 9.1 7.2 10.8

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Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.765 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF132516.D

Acq: 23 Feb 2023 12:44

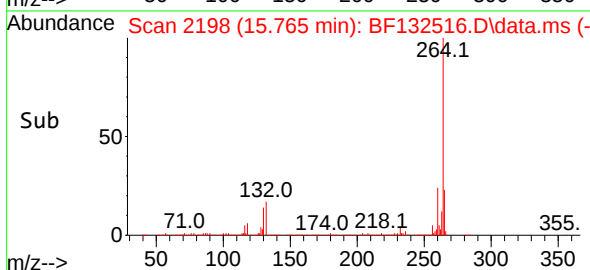
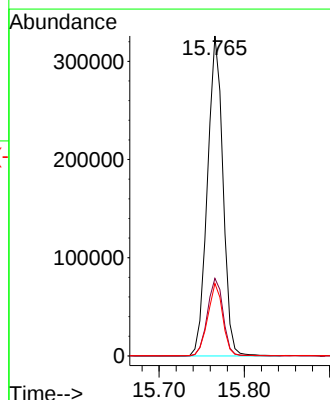
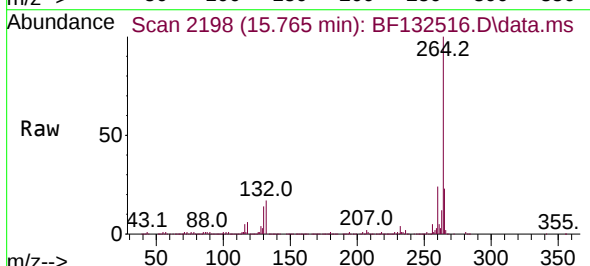
Tgt Ion:264 Resp: 412064

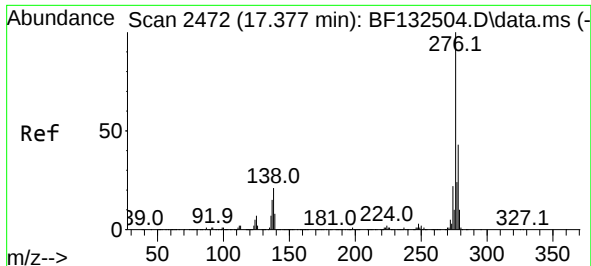
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

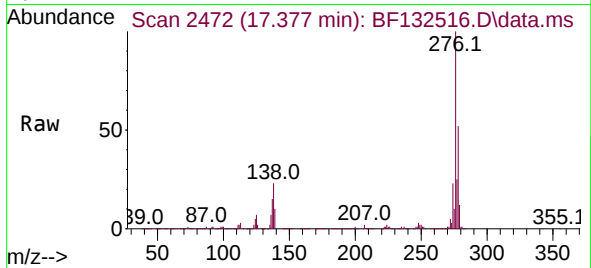
265 22.6 17.1 25.7





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.075 ng  
 RT: 17.377 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44

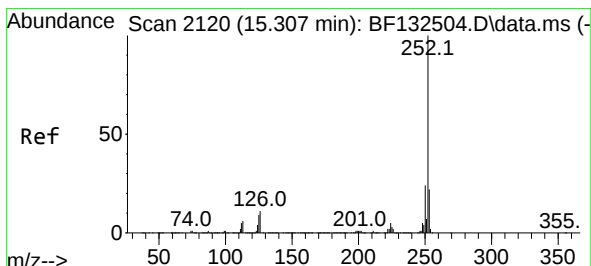
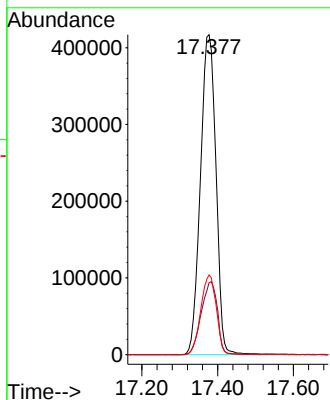
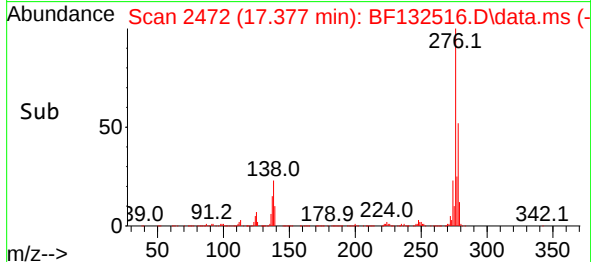
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



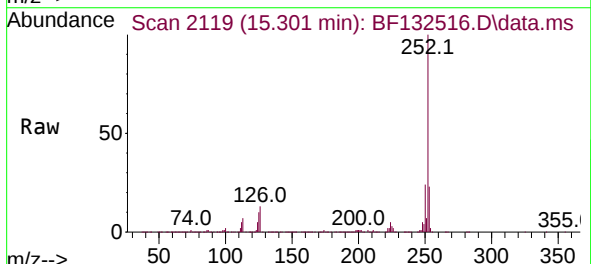
Tgt Ion:276 Resp: 1190026  
 Ion Ratio Lower Upper  
 276 100  
 138 23.7 19.0 28.4  
 277 24.8 20.0 30.0

Manual Integrations  
 APPROVED

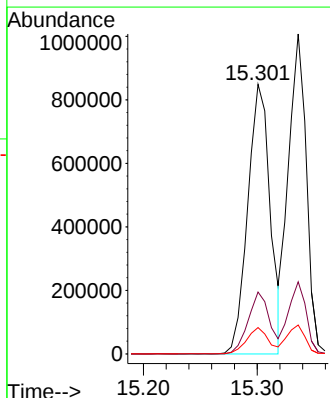
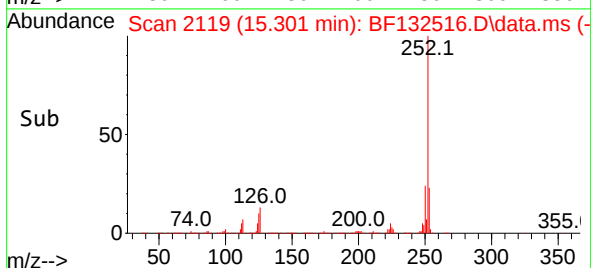
Reviewed By :Christian Giraldo 02/24/2023  
 Supervised By :Jagrut Upadhyay 02/24/2023

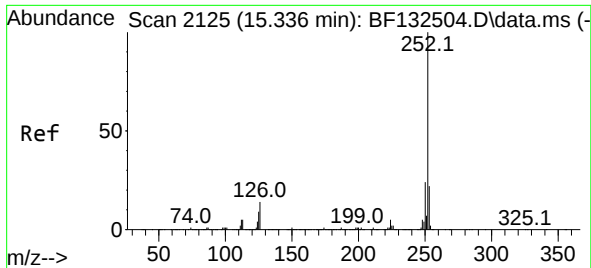


#88  
 Benzo(b)fluoranthene  
 Concen: 42.233 ng  
 RT: 15.301 min Scan# 2119  
 Delta R.T. -0.006 min  
 Lab File: BF132516.D  
 Acq: 23 Feb 2023 12:44



Tgt Ion:252 Resp: 1166236  
 Ion Ratio Lower Upper  
 252 100  
 253 22.9 17.4 26.0  
 125 9.7 7.0 10.6





#89  
Benzo(k)fluoranthene  
Concen: 41.151 ng  
RT: 15.336 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Instrument :

BNA\_F

ClientSampleId :

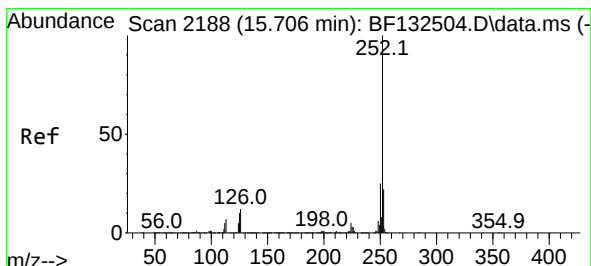
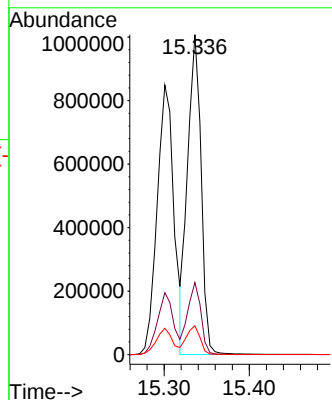
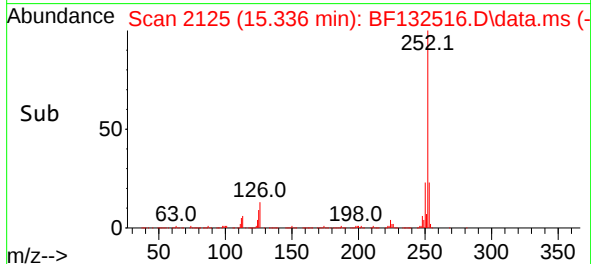
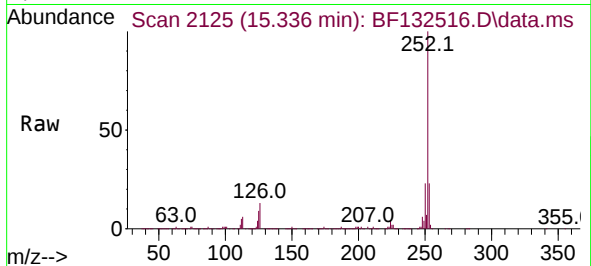
SSTDCCC040

Tgt Ion:252 Resp: 1112163  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 9.0 7.2 10.8

Manual Integrations

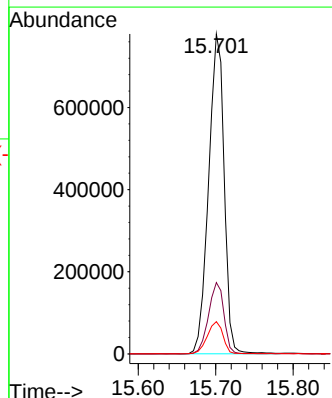
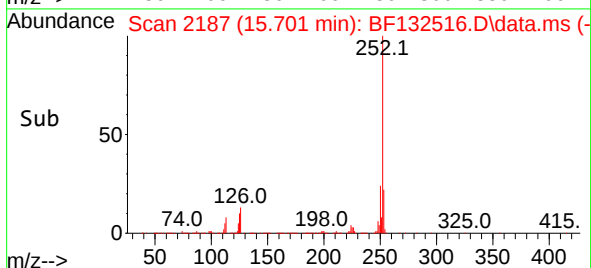
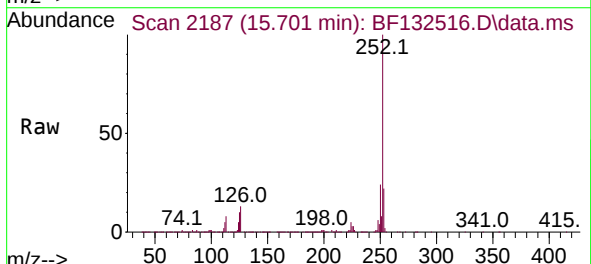
APPROVED

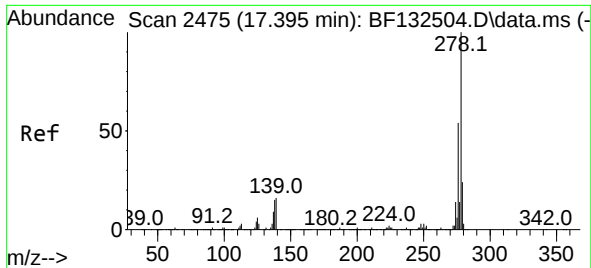
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#90  
Benzo(a)pyrene  
Concen: 42.004 ng  
RT: 15.701 min Scan# 2187  
Delta R.T. -0.006 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

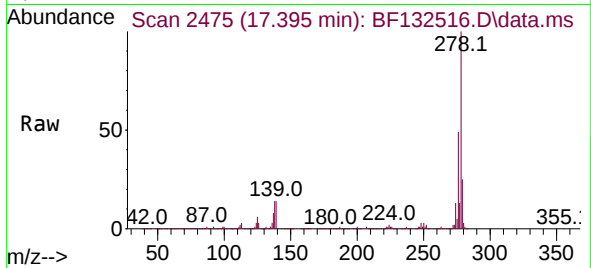
Tgt Ion:252 Resp: 1085577  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 10.1 8.0 12.0





#91  
Dibenzo(a,h)anthracene  
Concen: 43.360 ng  
RT: 17.395 min Scan# 2475  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

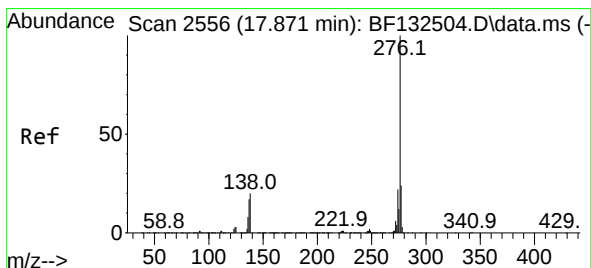
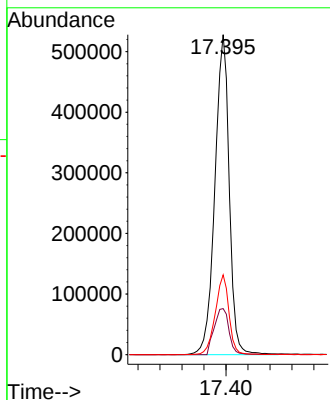
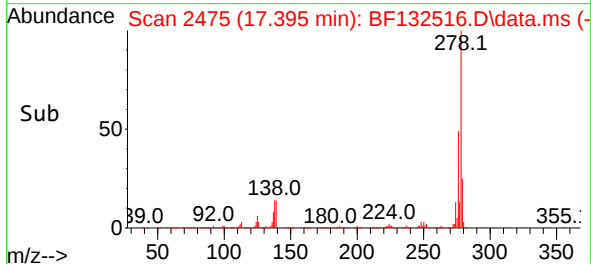
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:278 Resp: 953873  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.0 19.4  
279 24.9 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#92  
Benzo(g,h,i)perylene  
Concen: 40.246 ng  
RT: 17.871 min Scan# 2556  
Delta R.T. 0.000 min  
Lab File: BF132516.D  
Acq: 23 Feb 2023 12:44

Tgt Ion:276 Resp: 993849  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 19.5 16.2 24.4

