

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062622\  
 Data File : BF129016.D  
 Acq On : 26 Jun 2022 20:54  
 Operator : CG\JU  
 Sample : PB145630BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145630BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022  
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 06:32:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 05:55:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 96877    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.987  | 136  | 374599   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.745  | 164  | 213657   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.233 | 188  | 400803   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.880 | 240  | 289783   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.304 | 264  | 223044   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 757180   | 121.338 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.369  | 99   | 663807   | 91.000  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.281  | 82   | 694746   | 89.287  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.539 | 330  | 201309   | 90.753  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 1296021  | 87.892  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.822 | 244  | 1505848  | 96.328  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.493  | 88   | 86093    | 50.827  | ng    | 96       |
| 3) Pyridine                   | 3.193  | 79   | 341941   | 52.295  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.169  | 42   | 251182   | 64.268  | ng    | # 84     |
| 6) Aniline                    | 6.369  | 93   | 308300   | 39.092  | ng    | # 60     |
| 8) 2-Chlorophenol             | 6.498  | 128  | 302332   | 49.358  | ng    | 98       |
| 9) Benzaldehyde               | 6.257  | 77   | 148486   | 37.346  | ng    | 96       |
| 10) Phenol                    | 6.381  | 94   | 379312   | 49.236  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 6.446  | 93   | 279264   | 48.800  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.646  | 146  | 332061   | 47.221  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.722  | 146  | 333761   | 47.126  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.869  | 146  | 316604   | 48.606  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.863  | 79   | 266621   | 46.599  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.981  | 45   | 427499   | 45.204  | ng    | # 7      |
| 17) 2-Methylphenol            | 7.140  | 107  | 320080   | 48.721  | ng    | # 81     |
| 18) Hexachloroethane          | 7.210  | 117  | 126552   | 49.282  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.134  | 70   | 226854   | 50.388  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.140  | 107  | 320080   | 48.721  | ng    | # 82     |
| 22) Acetophenone              | 7.122  | 105  | 445588   | 45.071  | ng    | 96       |
| 24) Nitrobenzene              | 7.298  | 77   | 345273   | 47.945  | ng    | 98       |
| 25) Isophorone                | 7.540  | 82   | 610813   | 51.796  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.610  | 139  | 160678   | 47.529  | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 7.663  | 122  | 269261   | 54.010  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.745  | 93   | 347266   | 45.589  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.863  | 162  | 262422   | 46.850  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.934  | 180  | 281630   | 45.516  | ng    | 96       |
| 31) Naphthalene               | 8.010  | 128  | 881340   | 46.844  | ng    | 100      |
| 32) Benzoic acid              | 7.834  | 122  | 100872   | 44.834  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.069  | 127  | 228157   | 31.471  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.122  | 225  | 191445   | 48.100  | ng    | 98       |
| 35) Caprolactam               | 8.463  | 113  | 81717m   | 53.976  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.581  | 107  | 293005   | 53.131  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.704  | 142  | 564807   | 53.800  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.804  | 142  | 540644   | 53.595  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.869  | 216  | 298164   | 43.666  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 174602   | 77.585  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 8.992  | 196  | 172906   | 44.167  | ng    | 98       |

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 Sample : PB145630BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145630BSD

Manual Integrations  
 APPROVED

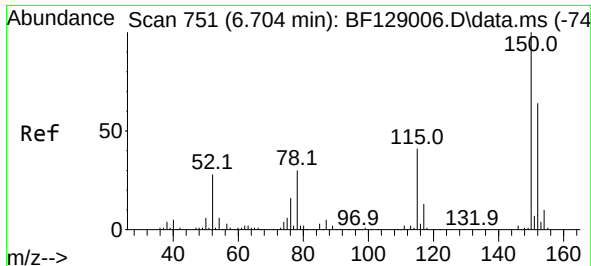
Reviewed By : Christian Giraldo 06/27/2022  
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 06:32:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 05:55:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.045  | 196  | 181289   | 44.476    | ng    | # 94     |
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 722056   | 46.529    | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.192  | 162  | 558102   | 46.213    | ng    | 98       |
| 48) 2-Nitroaniline            | 9.304  | 65   | 204300   | 47.545    | ng    | 97       |
| 49) Acenaphthylene            | 9.610  | 152  | 890981   | 49.119    | ng    | 99       |
| 50) Dimethylphthalate         | 9.481  | 163  | 671784   | 47.326    | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.545  | 165  | 144639   | 48.647    | ng    | # 78     |
| 52) Acenaphthene              | 9.781  | 154  | 505307   | 46.106    | ng    | 100      |
| 53) 3-Nitroaniline            | 9.716  | 138  | 106212   | 32.448    | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.839  | 184  | 121732   | 83.710    | ng    | 89       |
| 55) Dibenzofuran              | 9.951  | 168  | 770667   | 45.396    | ng    | 94       |
| 56) 4-Nitrophenol             | 9.916  | 139  | 130983   | 111.559   | ng    | # 73     |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 189264   | 48.419    | ng    | # 84     |
| 58) Fluorene                  | 10.298 | 166  | 621996   | 46.545    | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.081 | 232  | 148505   | 50.001    | ng    | 97       |
| 60) Diethylphthalate          | 10.181 | 149  | 655689   | 47.457    | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.286 | 204  | 310938   | 45.626    | ng    | 92       |
| 62) 4-Nitroaniline            | 10.339 | 138  | 138970   | 44.974    | ng    | 87       |
| 63) Azobenzene                | 10.451 | 77   | 646327   | 45.680    | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.369 | 198  | 100579   | 43.790    | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.416 | 169  | 574439   | 46.627    | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.775 | 248  | 202232   | 45.980    | ng    | 94       |
| 68) Hexachlorobenzene         | 10.845 | 284  | 229152   | 47.295    | ng    | 95       |
| 69) Atrazine                  | 10.945 | 200  | 198126   | 53.623    | ng    | 96       |
| 70) Pentachlorophenol         | 11.051 | 266  | 108621   | 94.649    | ng    | 98       |
| 71) Phenanthrene              | 11.263 | 178  | 920826   | 46.358    | ng    | 98       |
| 72) Anthracene                | 11.310 | 178  | 951763   | 48.034    | ng    | 99       |
| 73) Carbazole                 | 11.475 | 167  | 837214   | 44.586    | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.798 | 149  | 1002247  | 47.011    | ng    | 99       |
| 75) Fluoranthene              | 12.445 | 202  | 1015770  | 49.760    | ng    | 98       |
| 77) Benzidine                 | 12.575 | 184  | 395083   | Below Cal |       | 98       |
| 78) Pyrene                    | 12.680 | 202  | 1008700  | 48.668    | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.292 | 149  | 412157   | 49.607    | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.869 | 228  | 874760   | 48.633    | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 195651   | 47.994    | ng    | 99       |
| 83) Chrysene                  | 13.910 | 228  | 806624   | 46.886    | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.851 | 149  | 547468   | 50.765    | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.469 | 149  | 840036   | 50.592    | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.715 | 276  | 820252   | 62.589    | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 14.898 | 252  | 731066   | 53.935    | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.927 | 252  | 638839   | 47.842    | ng    | # 98     |
| 90) Benzo(a)pyrene            | 15.251 | 252  | 635778   | 57.811    | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 16.721 | 278  | 723263   | 66.973    | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.139 | 276  | 729624   | 68.049    | ng    | # 94     |

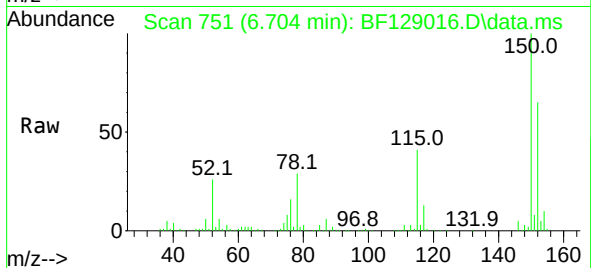
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.704 min Scan# 71  
Delta R.T. 0.000 min  
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Acq: 26 Jun 2022 20:54

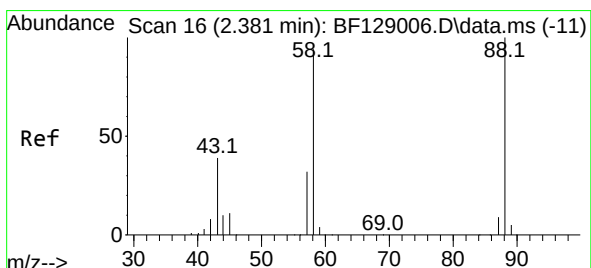
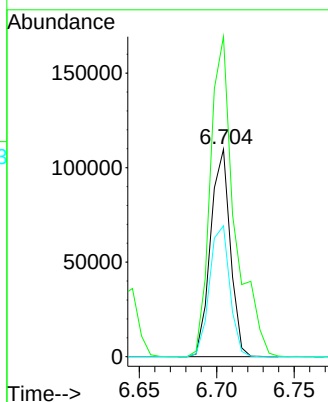
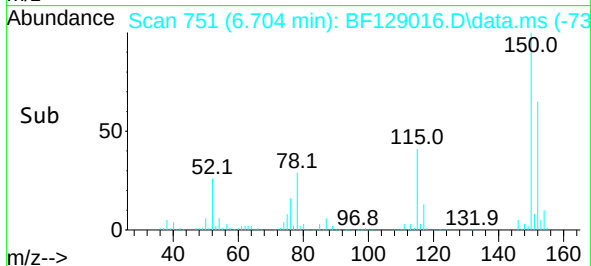
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



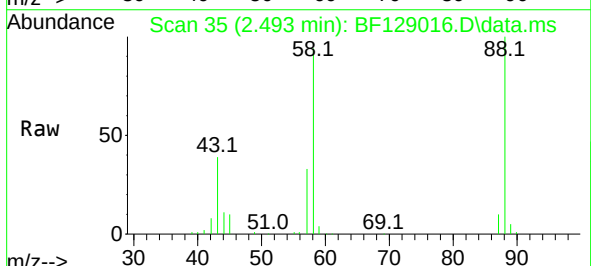
Tgt Ion:152 Resp: 9687  
Ion Ratio Lower Upper  
152 100  
150 154.3 123.7 185.5  
115 63.1 49.9 74.9

Manual Integrations  
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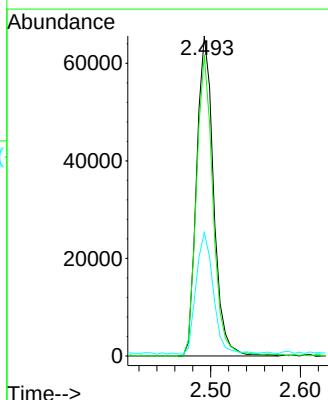
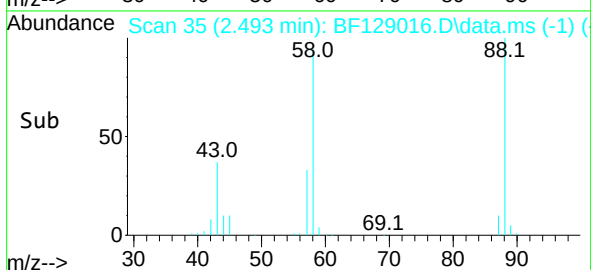
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

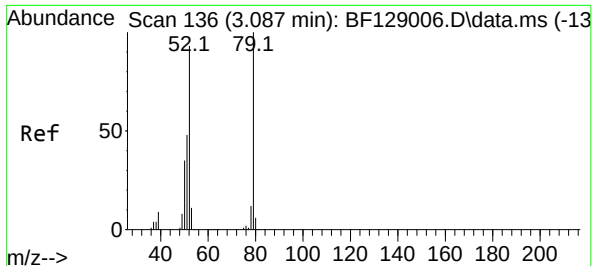


#2  
1,4-Dioxane  
Concen: 50.827 ng  
RT: 2.493 min Scan# 35  
Delta R.T. 0.112 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



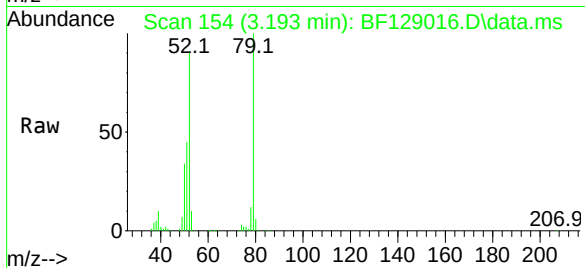
Tgt Ion: 88 Resp: 86093  
Ion Ratio Lower Upper  
88 100  
58 91.4 71.8 107.8  
43 38.3 26.6 39.8





#3  
Pyridine  
Concen: 52.295 ng  
RT: 3.193 min Scan# 11  
Delta R.T. 0.106 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

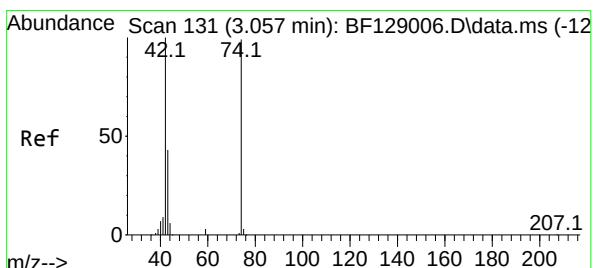
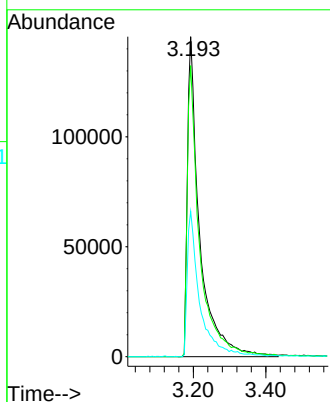
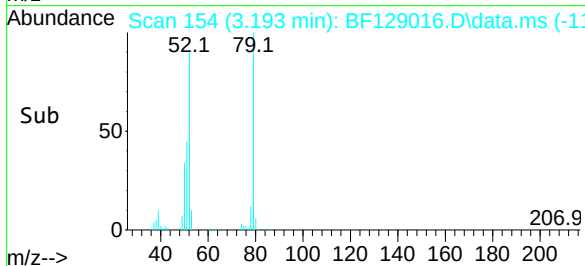
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



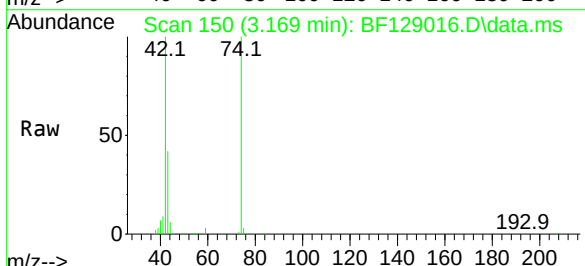
Tgt Ion: 79 Resp: 34194  
Ion Ratio Lower Upper  
79 100  
52 90.9 68.6 102.8  
51 45.4 32.9 49.3

Manual Integrations  
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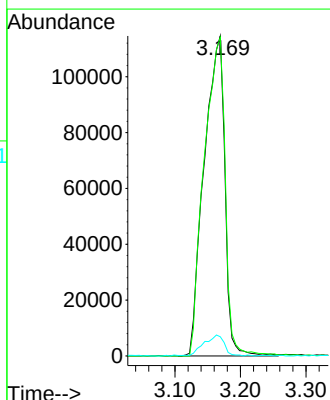
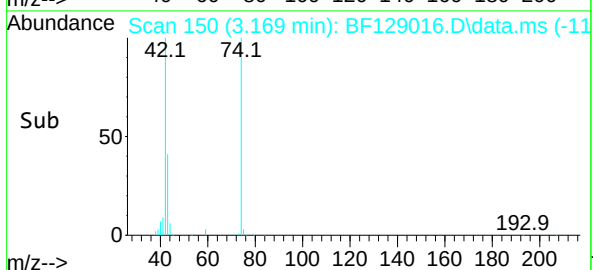
Reviewed By :Christian Giraldo 06/27/2022  
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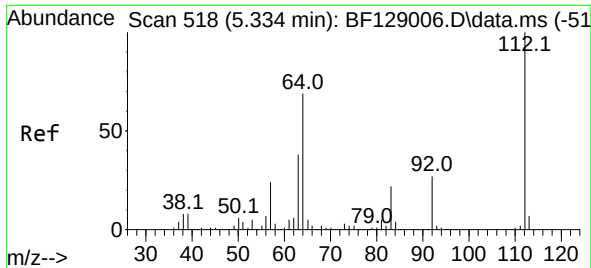


#4  
n-Nitrosodimethylamine  
Concen: 64.268 ng  
RT: 3.169 min Scan# 150  
Delta R.T. 0.112 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion: 42 Resp: 251182  
Ion Ratio Lower Upper  
42 100  
74 99.5 94.8 142.2  
44 6.0 6.6 10.0#





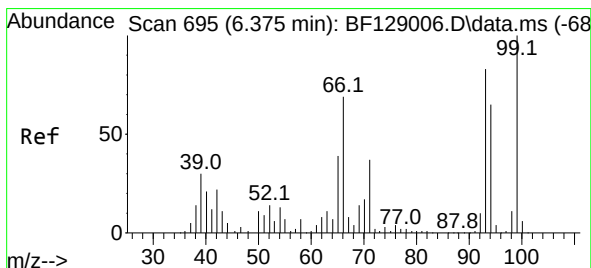
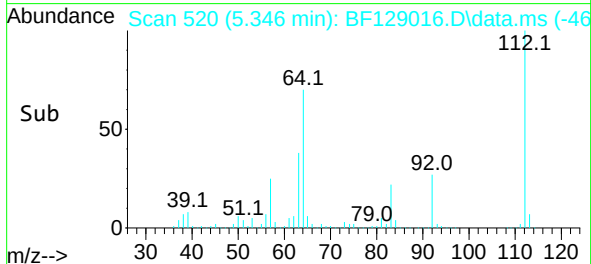
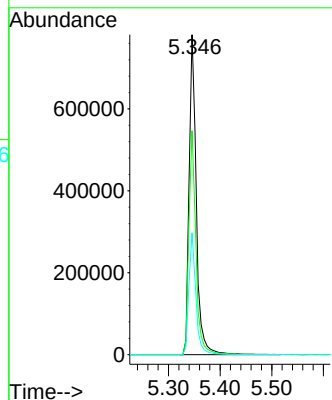
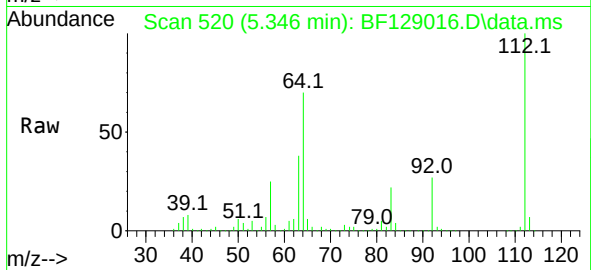
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2-Fluorophenol  
Concen: 121.338 ng  
RT: 5.346 min Scan# 518  
Delta R.T. 0.012 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

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PB145630BSD

Tgt Ion:112 Resp: 757180  
Ion Ratio Lower Upper  
112 100  
64 70.0 53.3 79.9  
63 38.1 28.0 42.0

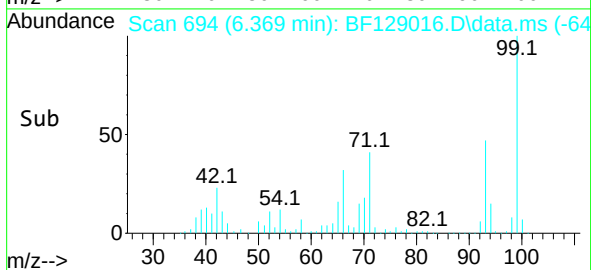
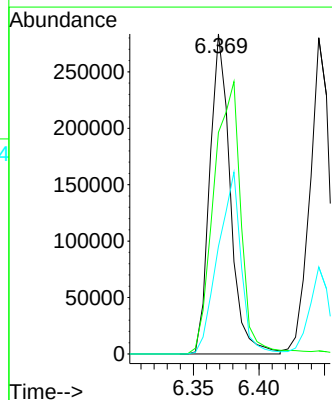
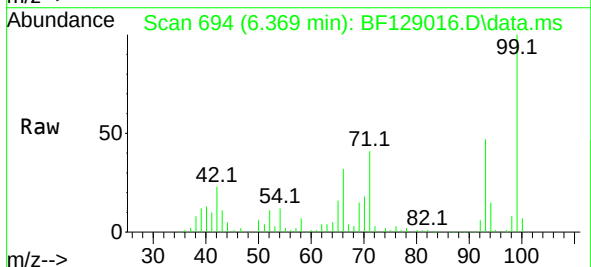
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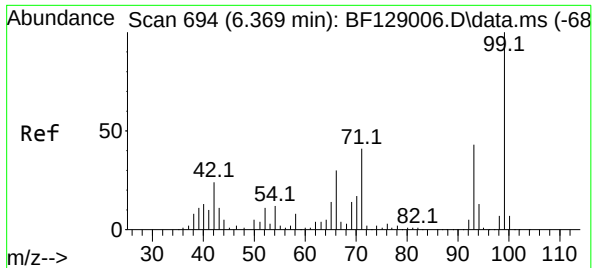
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#6  
Aniline  
Concen: 39.092 ng  
RT: 6.369 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

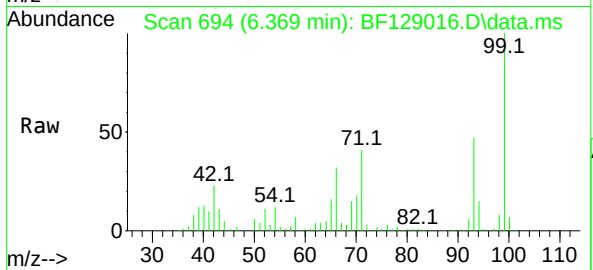
Tgt Ion: 93 Resp: 308300  
Ion Ratio Lower Upper  
93 100  
66 69.2 32.5 48.7#  
65 33.6 16.4 24.6#





#7  
Phenol-d6  
Concen: 91.000 ng  
RT: 6.369 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

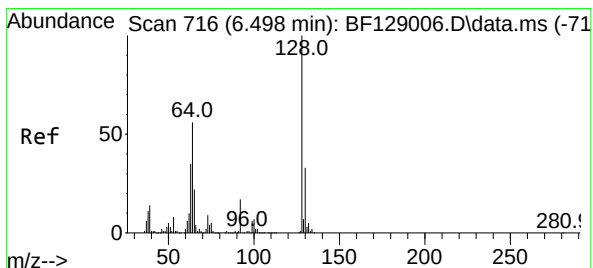
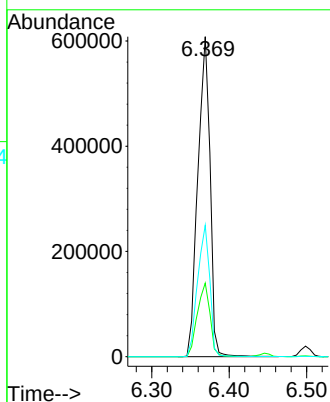
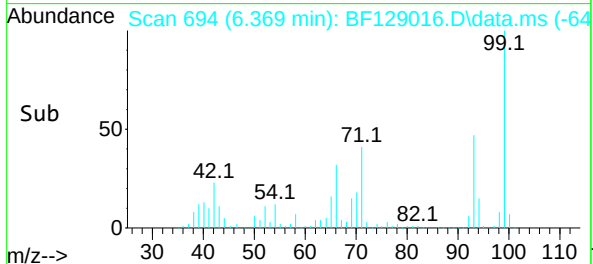
Instrument :  
BNA\_F  
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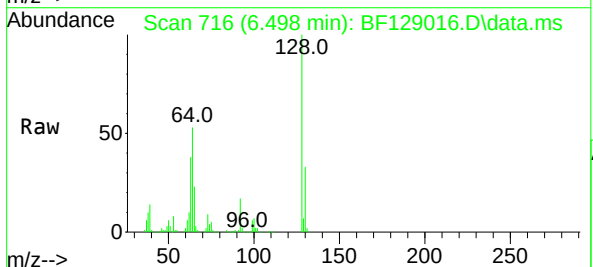
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Ion Ratio Lower Upper  
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42 23.0 17.3 25.9  
71 41.0 28.9 43.3

Manual Integrations  
APPROVED

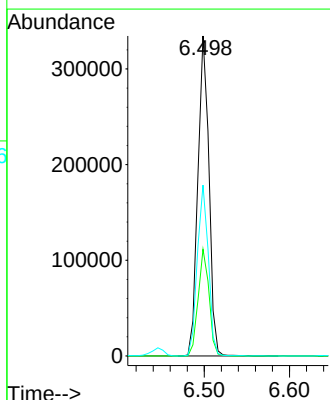
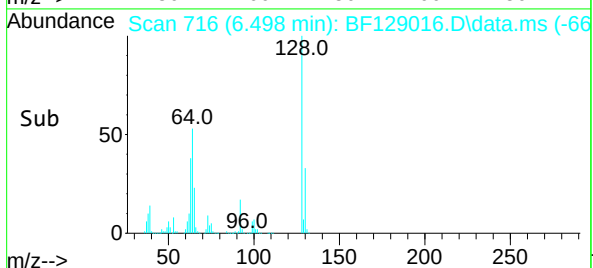
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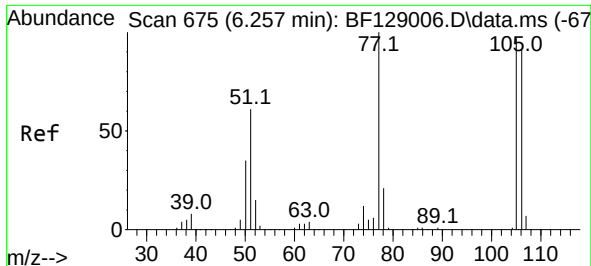


#8  
2-Chlorophenol  
Concen: 49.358 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



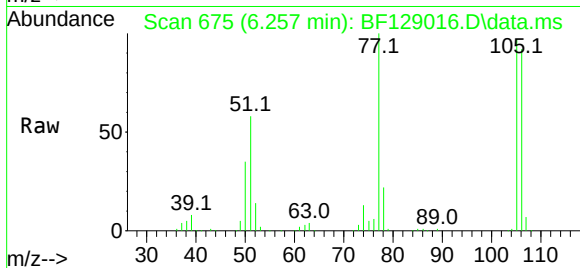
Tgt Ion:128 Resp: 302332  
Ion Ratio Lower Upper  
128 100  
130 33.4 13.1 53.1  
64 53.4 30.9 70.9





#9  
Benzaldehyde  
Concen: 37.346 ng  
RT: 6.257 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

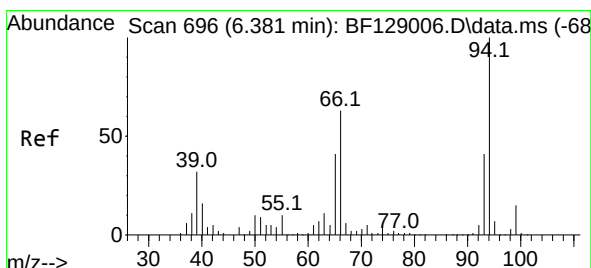
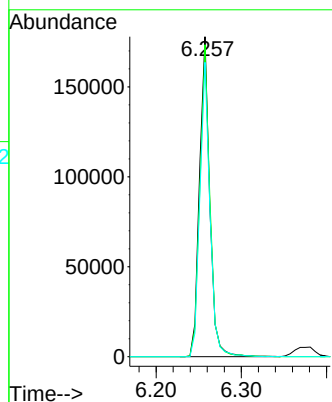
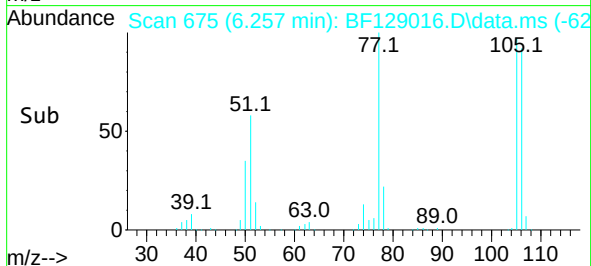
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion: 77 Resp: 148480  
Ion Ratio Lower Upper  
77 100  
105 97.5 81.6 121.6  
106 92.0 76.1 116.1

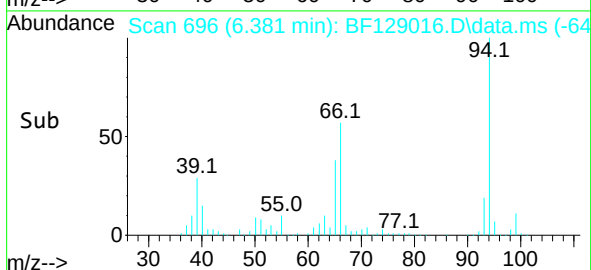
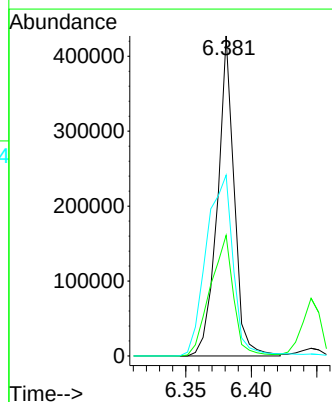
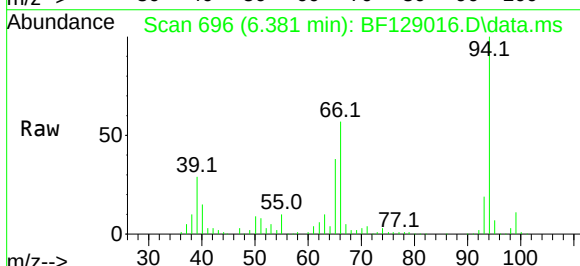
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

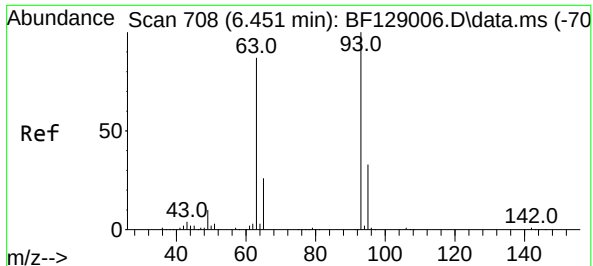


#10  
Phenol  
Concen: 49.236 ng  
RT: 6.381 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Tgt Ion: 94 Resp: 379312  
Ion Ratio Lower Upper  
94 100  
65 37.7 11.4 51.4  
66 56.5 21.4 61.4







#11

bis(2-Chloroethyl)ether

Concen: 48.800 ng

RT: 6.446 min Scan# 708

Delta R.T. -0.006 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion: 93 Resp: 279264

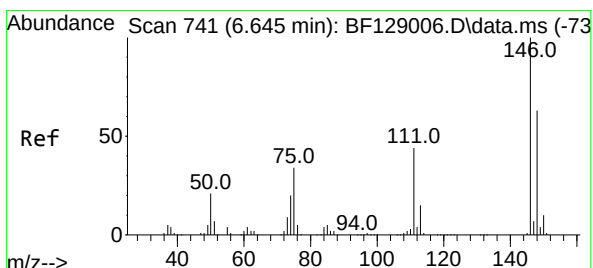
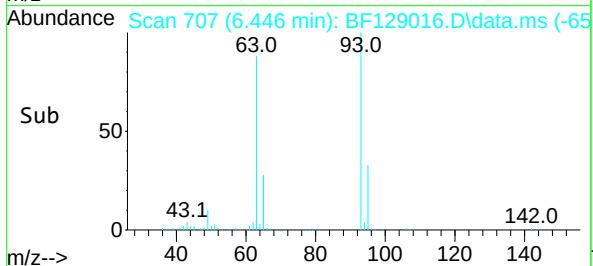
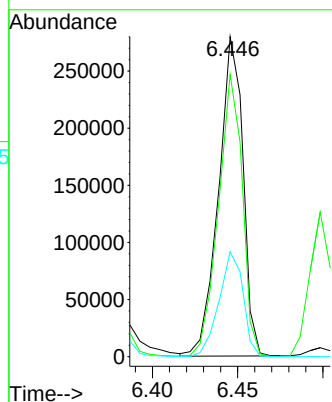
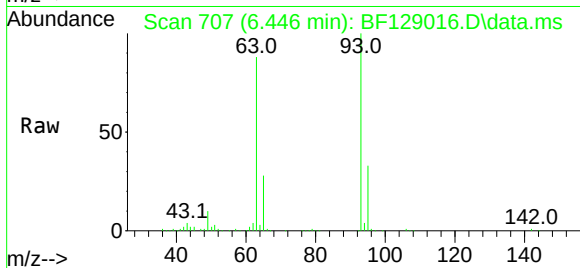
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 88.3  | 67.4  | 107.4 |
| 95  | 32.8  | 12.7  | 52.7  |

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#12

1,3-Dichlorobenzene

Concen: 47.221 ng

RT: 6.646 min Scan# 741

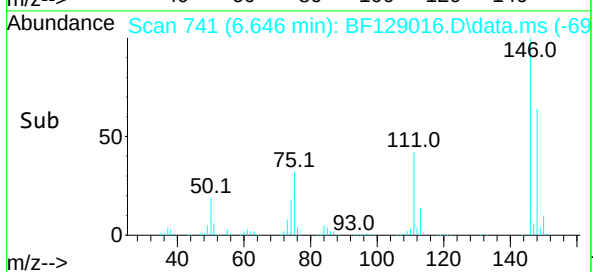
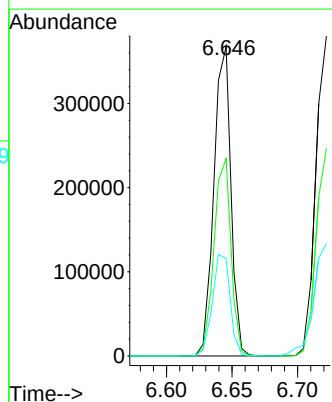
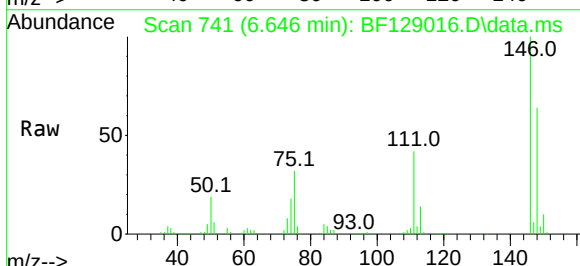
Delta R.T. 0.000 min

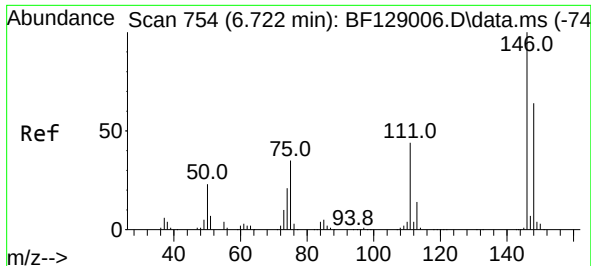
Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Tgt Ion:146 Resp: 332061

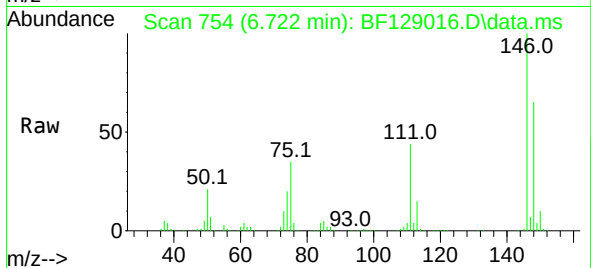
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.8  | 50.6  | 75.8  |
| 75  | 31.5  | 26.3  | 39.5  |





#13  
1,4-Dichlorobenzene  
Concen: 47.126 ng  
RT: 6.722 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

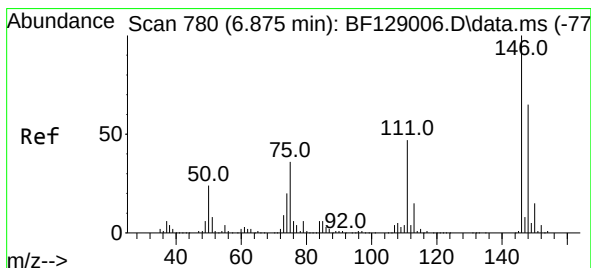
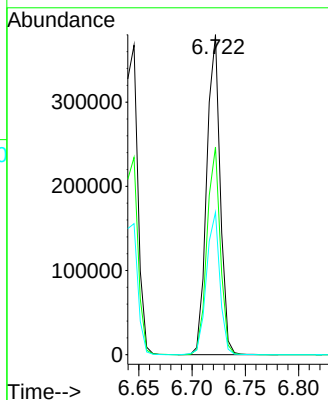
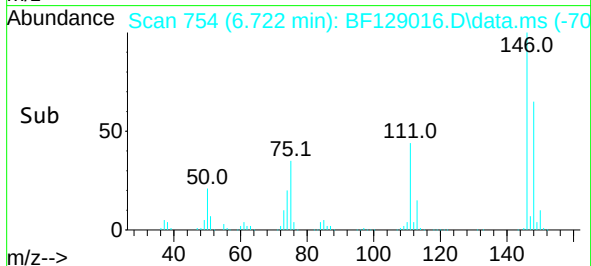
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



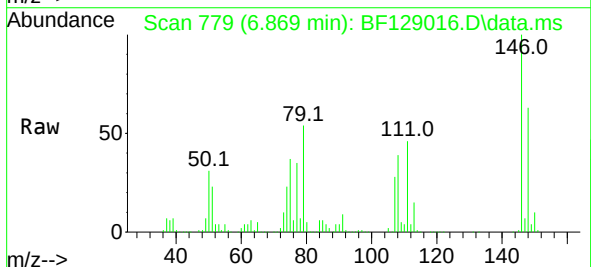
Tgt Ion:146 Resp: 33376  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.1 76.7  
111 44.5 34.2 51.4

Manual Integrations  
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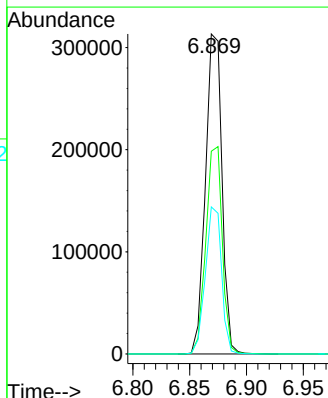
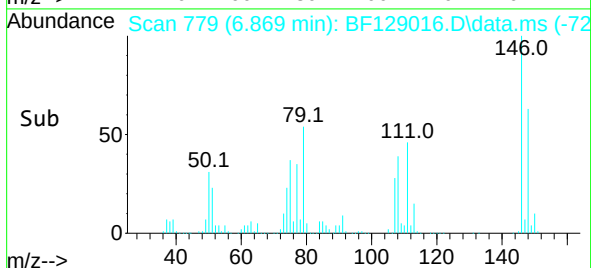
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

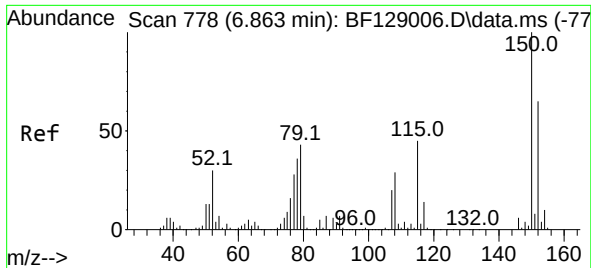


#14  
1,2-Dichlorobenzene  
Concen: 48.606 ng  
RT: 6.869 min Scan# 779  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



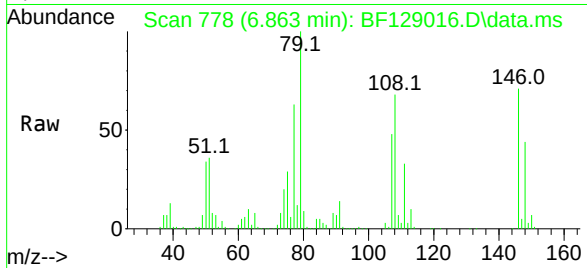
Tgt Ion:146 Resp: 316604  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
111 46.0 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 46.599 ng  
RT: 6.863 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

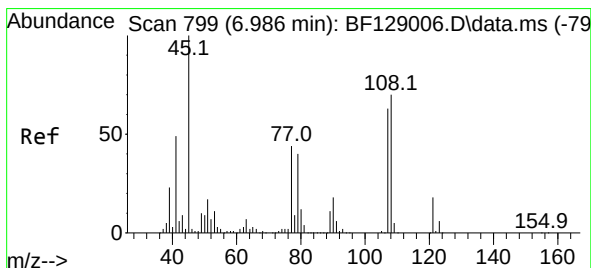
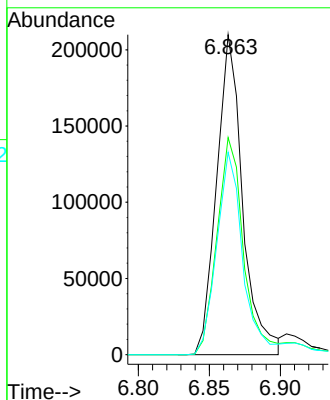
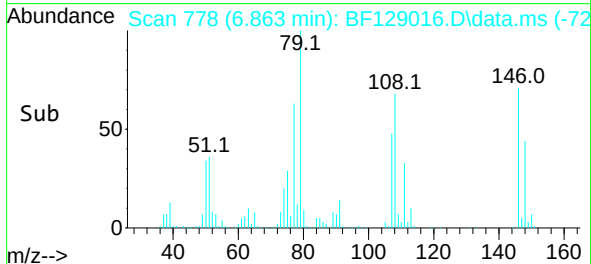
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion: 79 Resp: 26662  
Ion Ratio Lower Upper  
79 100  
108 67.9 61.8 92.6  
77 63.2 50.2 75.4

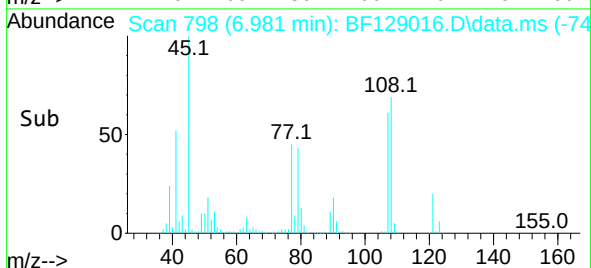
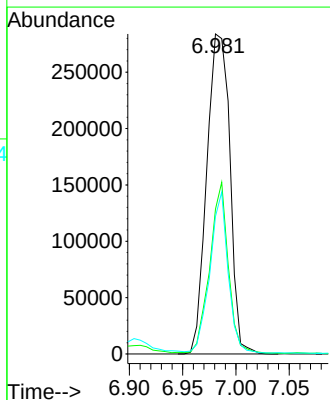
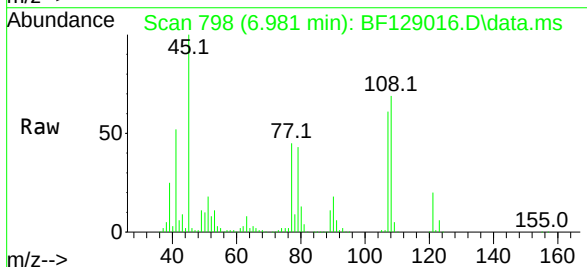
Manual Integrations  
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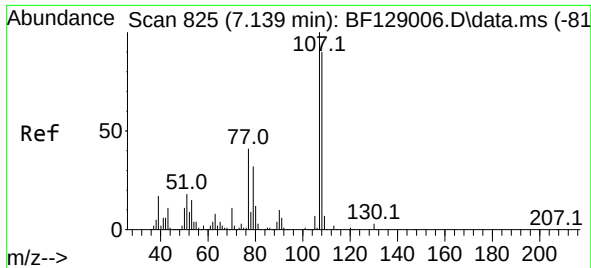
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.204 ng  
RT: 6.981 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

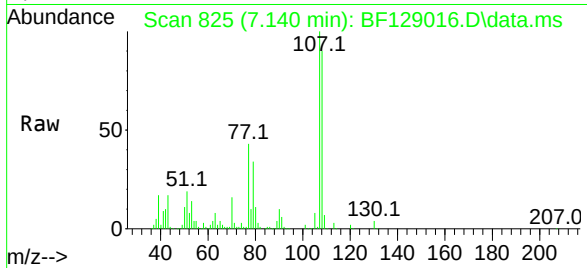
Tgt Ion: 45 Resp: 427499  
Ion Ratio Lower Upper  
45 100  
77 45.3 0.0 31.3#  
79 43.0 0.0 28.3#





#17  
2-Methylphenol  
Concen: 48.721 ng  
RT: 7.140 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

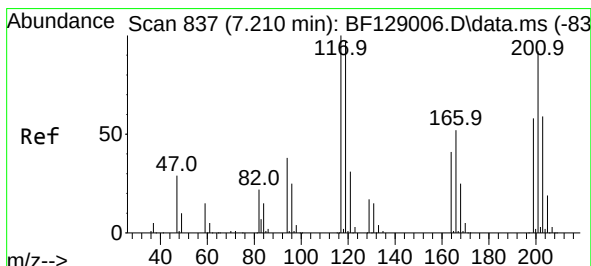
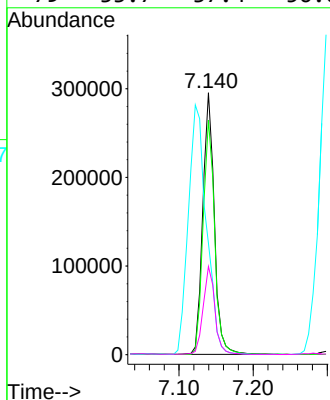
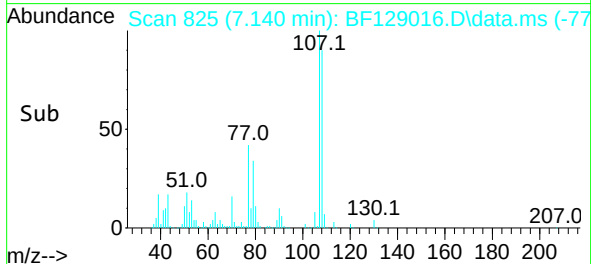
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



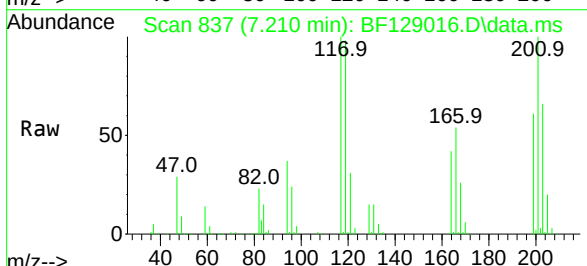
Tgt Ion:107 Resp: 320080  
Ion Ratio Lower Upper  
107 100  
108 89.6 91.9 137.9  
77 42.5 37.8 56.8  
79 33.7 37.4 56.0#

Manual Integrations  
APPROVED

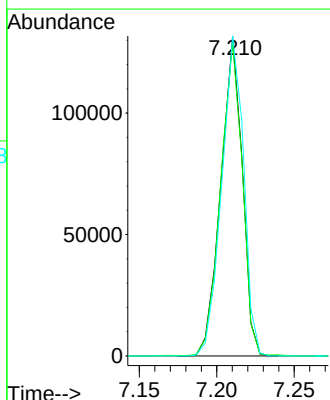
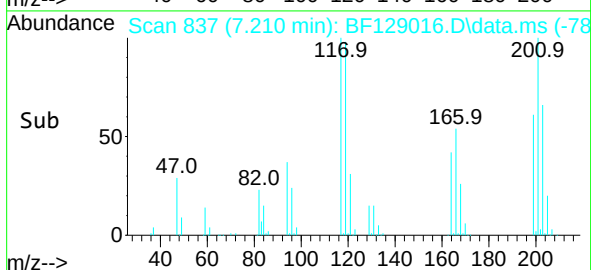
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

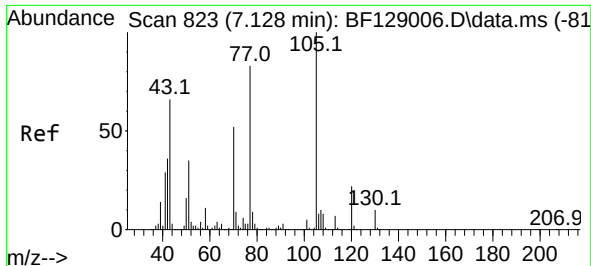


#18  
Hexachloroethane  
Concen: 49.282 ng  
RT: 7.210 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



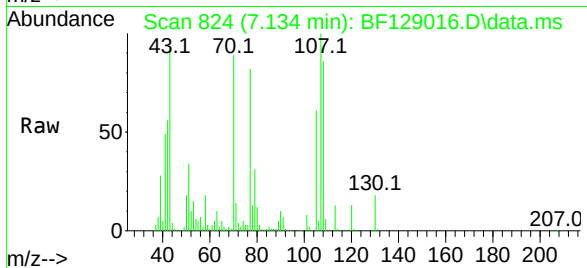
Tgt Ion:117 Resp: 126552  
Ion Ratio Lower Upper  
117 100  
119 97.7 77.4 116.2  
201 100.0 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.388 ng  
RT: 7.134 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

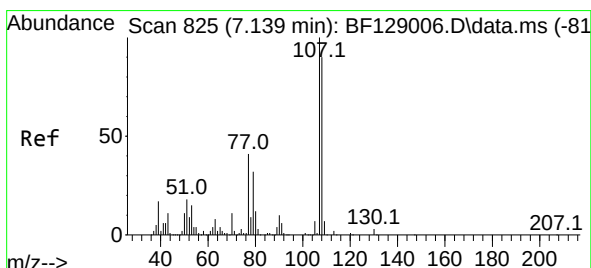
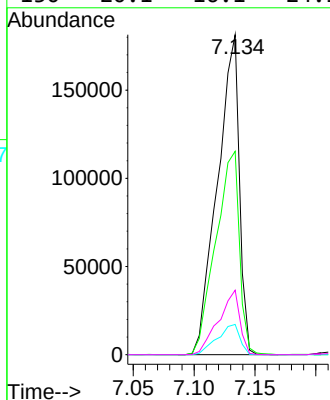
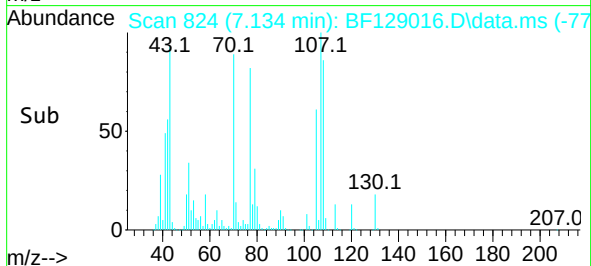
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



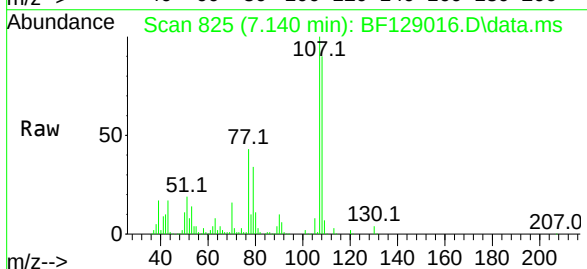
Tgt Ion: 70 Resp: 226854  
Ion Ratio Lower Upper  
70 100  
42 63.5 52.3 78.5  
101 9.5 7.5 11.3  
130 20.1 16.1 24.1

Manual Integrations  
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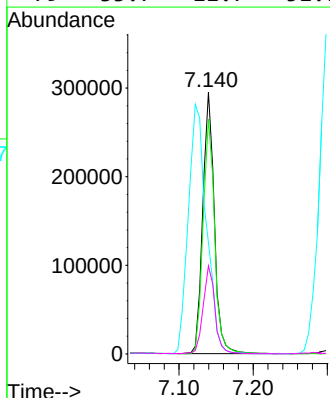
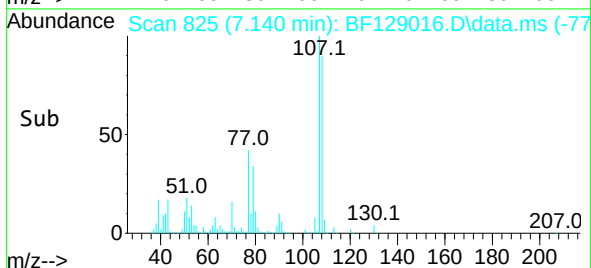
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

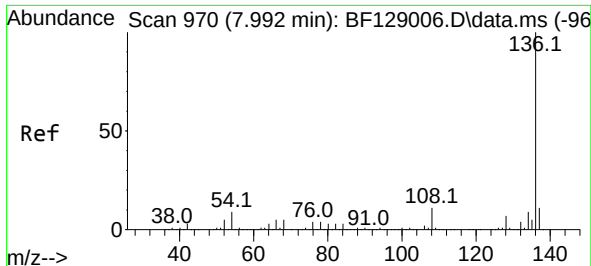


#20  
3+4-Methylphenols  
Concen: 48.721 ng  
RT: 7.140 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:107 Resp: 320080  
Ion Ratio Lower Upper  
107 100  
108 89.6 71.8 111.8  
77 42.5 59.3 99.3#  
79 33.7 11.7 51.7





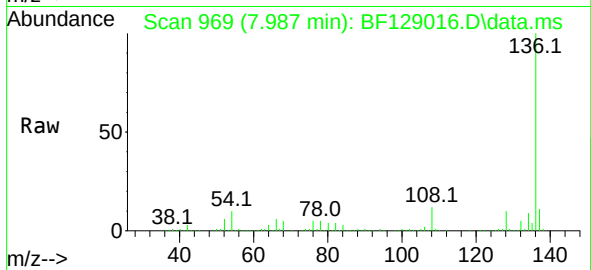
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.987 min Scan# 90  
Delta R.T. -0.005 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

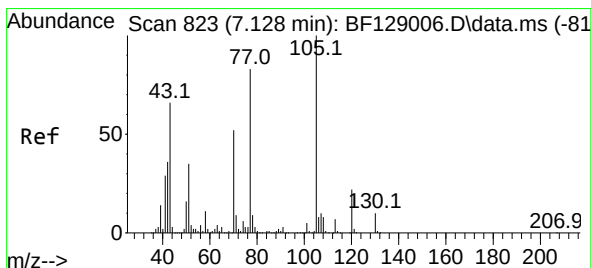
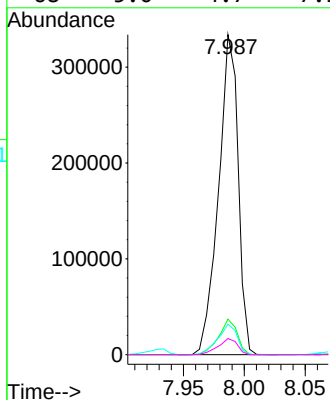
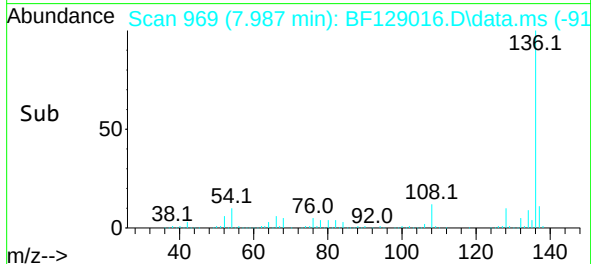


Tgt Ion:136 Resp: 374599  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 9.6 7.5 11.3  
68 5.0 4.7 7.1

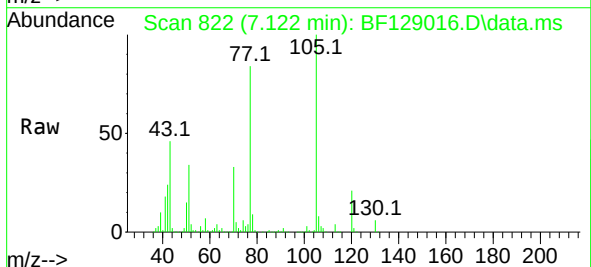
Manual Integrations

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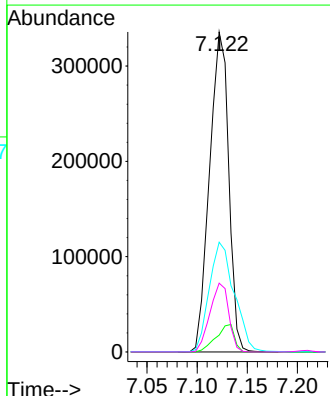
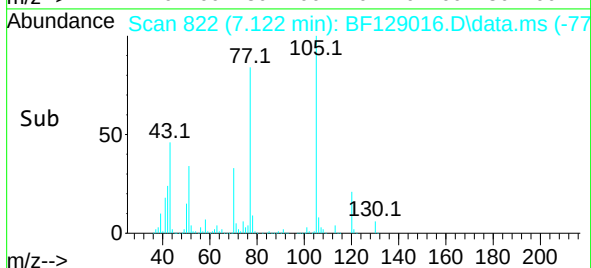
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

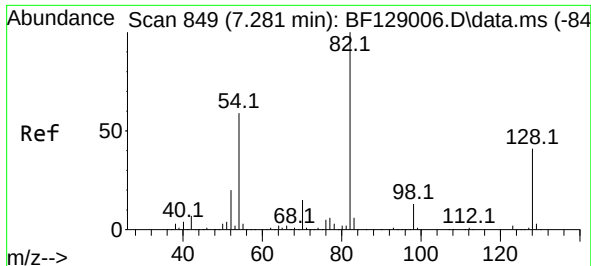


#22  
Acetophenone  
Concen: 45.071 ng  
RT: 7.122 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



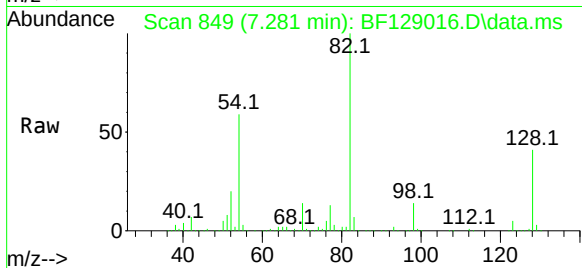
Tgt Ion:105 Resp: 445588  
Ion Ratio Lower Upper  
105 100  
71 5.3 5.0 7.4  
51 34.3 25.0 37.4  
120 21.5 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 89.287 ng  
RT: 7.281 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

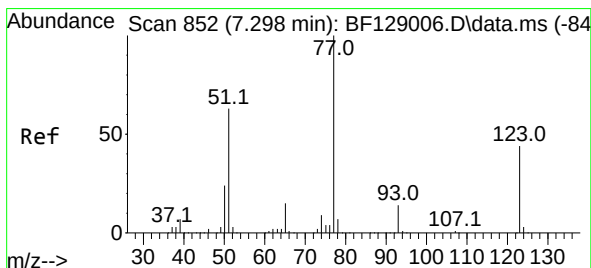
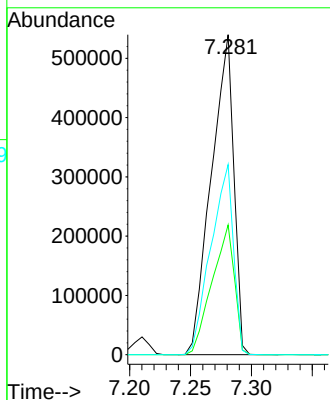
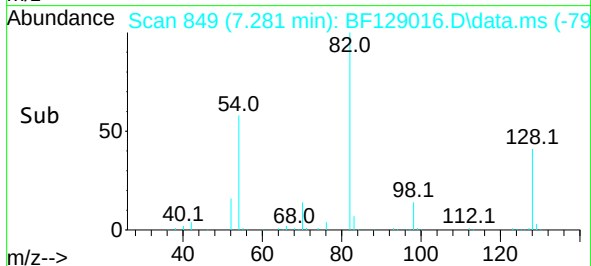
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion: 82 Resp: 694740  
Ion Ratio Lower Upper  
82 100  
128 40.5 34.0 51.0  
54 59.4 46.9 70.3

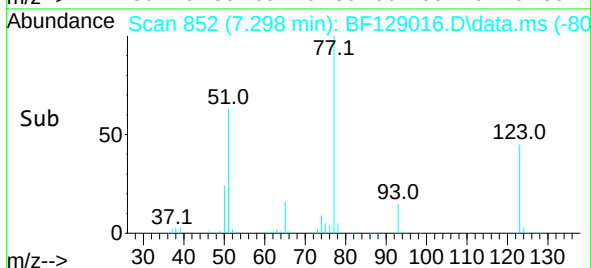
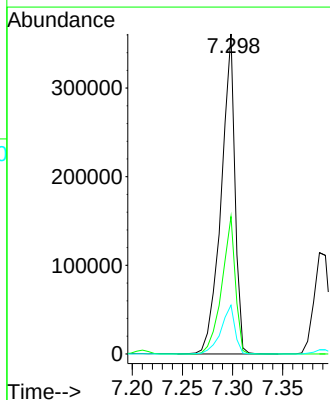
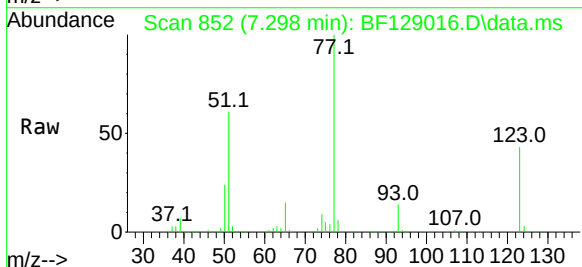
Manual Integrations  
APPROVED

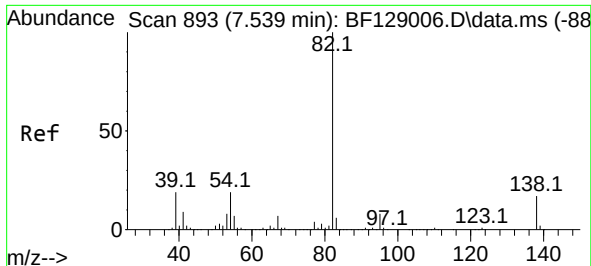
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#24  
Nitrobenzene  
Concen: 47.945 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

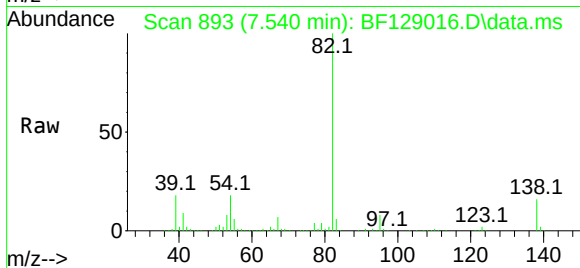
Tgt Ion: 77 Resp: 345273  
Ion Ratio Lower Upper  
77 100  
123 42.9 35.4 53.2  
65 15.2 11.8 17.8





#25  
Isophorone  
Concen: 51.796 ng  
RT: 7.540 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

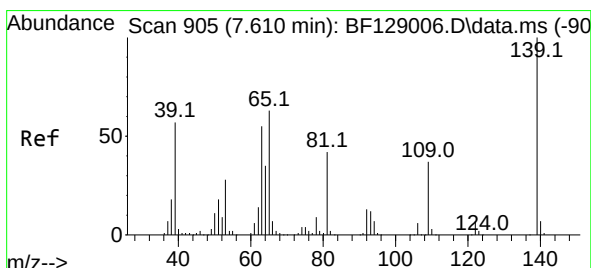
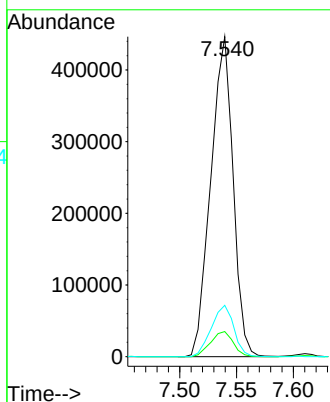
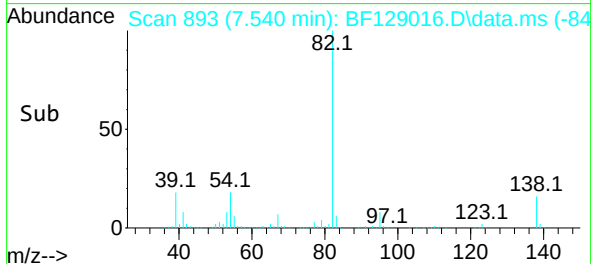
Instrument :  
BNA\_F  
Client Sample Id :  
PB145630BSD



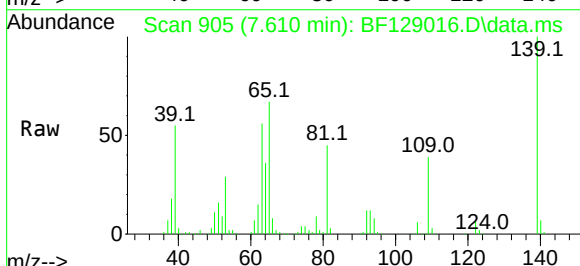
Tgt Ion: 82 Resp: 61081  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.7 8.5  
138 16.0 14.2 21.2

Manual Integrations  
APPROVED

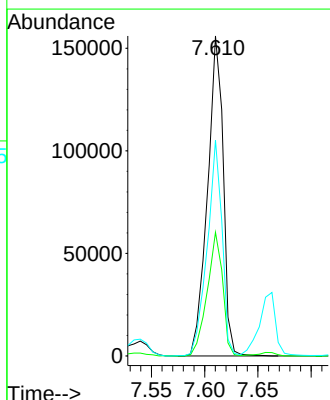
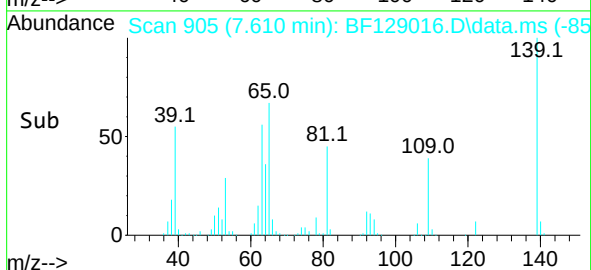
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



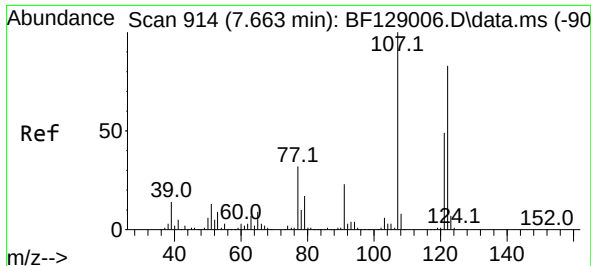
#26  
2-Nitrophenol  
Concen: 47.529 ng  
RT: 7.610 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:139 Resp: 160678  
Ion Ratio Lower Upper  
139 100  
109 38.6 25.0 37.4#  
65 67.5 45.1 67.7







#27

2,4-Dimethylphenol

Concen: 54.010 ng

RT: 7.663 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF129016.D

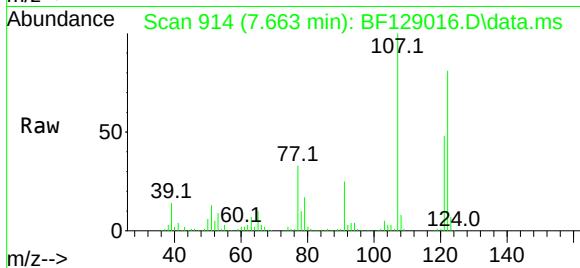
Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD



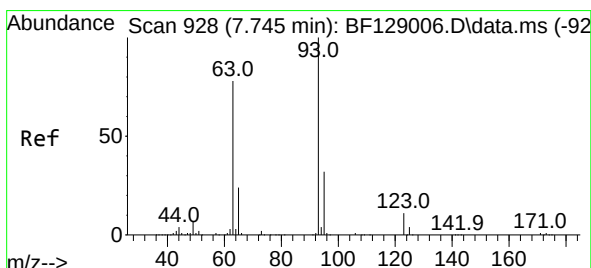
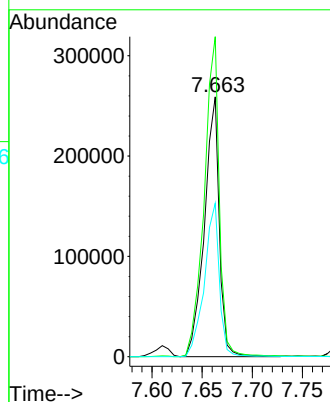
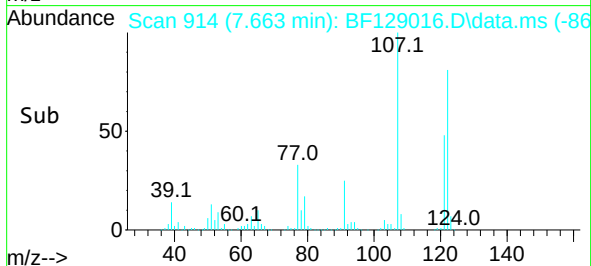
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 26926 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 123.2 | 93.0  | 139.6 |
| 121      | 59.1  | 46.6  | 70.0  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.589 ng

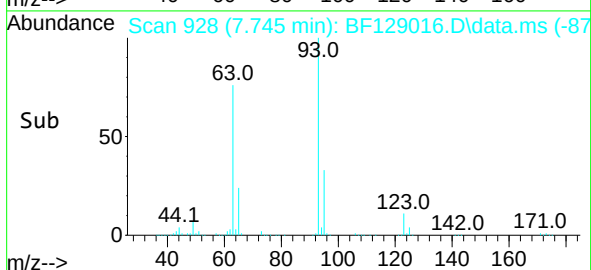
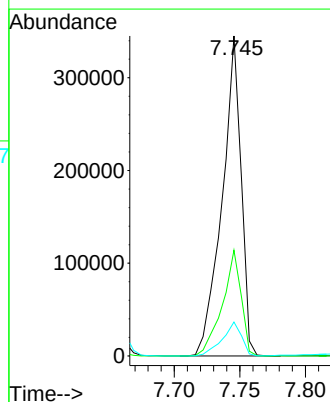
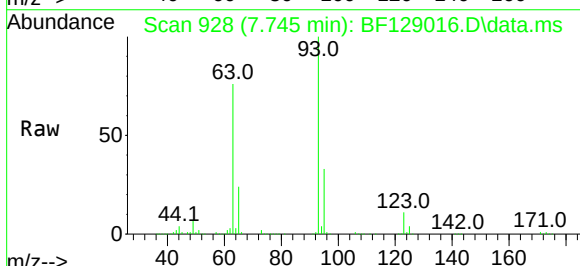
RT: 7.745 min Scan# 928

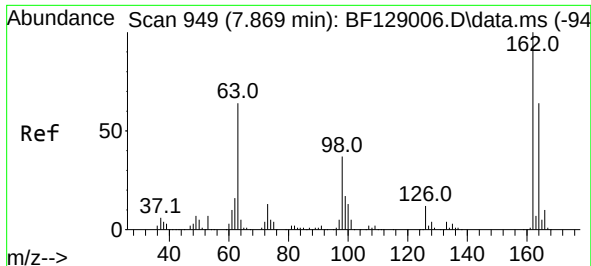
Delta R.T. 0.000 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 347266 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.0  | 26.8  | 40.2   |
| 123      | 10.6  | 9.2   | 13.8   |





#29

2,4-Dichlorophenol

Concen: 46.850 ng

RT: 7.863 min Scan# 949

Delta R.T. -0.006 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion:162 Resp: 26242

Ion Ratio Lower Upper

162 100

164 62.7 44.2 84.2

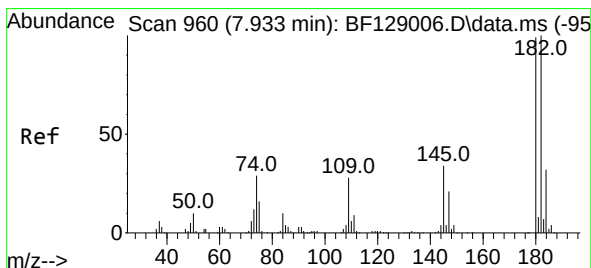
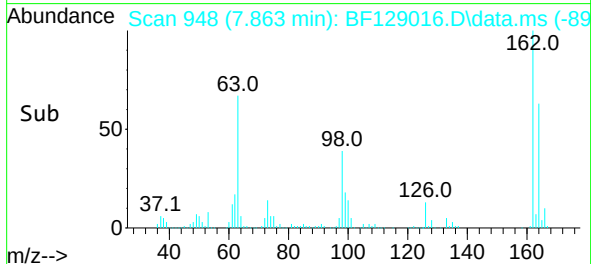
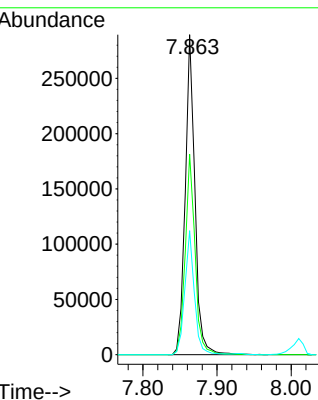
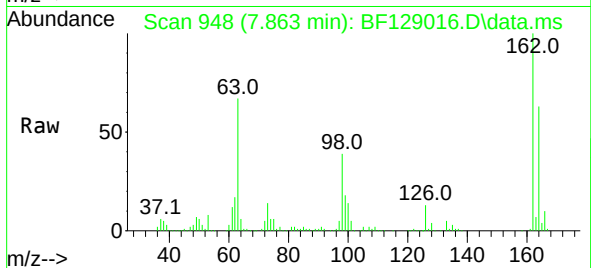
98 38.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.516 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

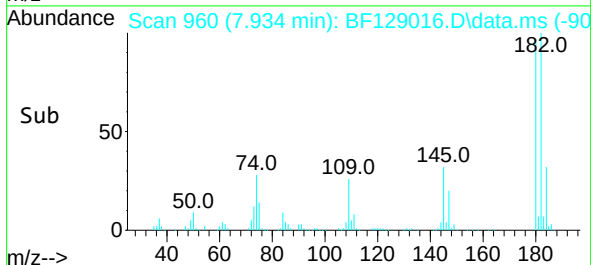
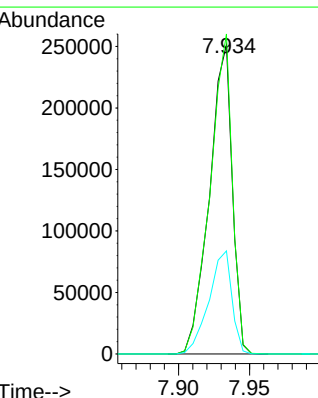
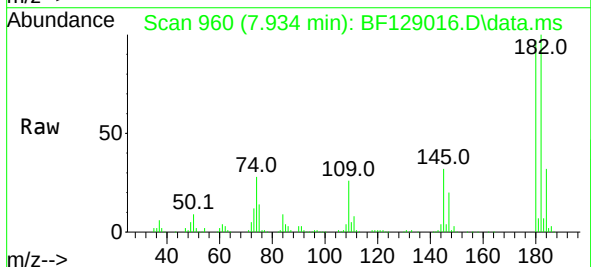
Tgt Ion:180 Resp: 281630

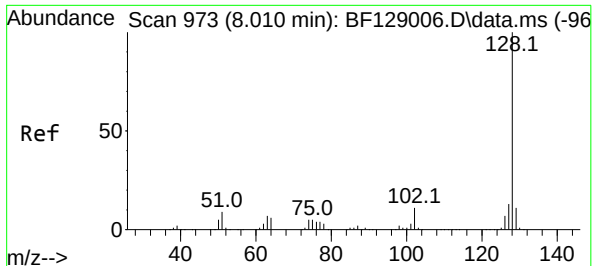
Ion Ratio Lower Upper

180 100

182 103.5 79.2 118.8

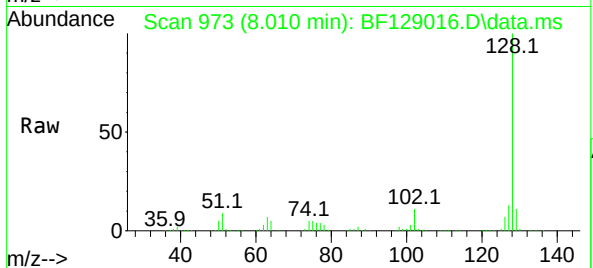
145 33.4 26.2 39.2





#31  
Naphthalene  
Concen: 46.844 ng  
RT: 8.010 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

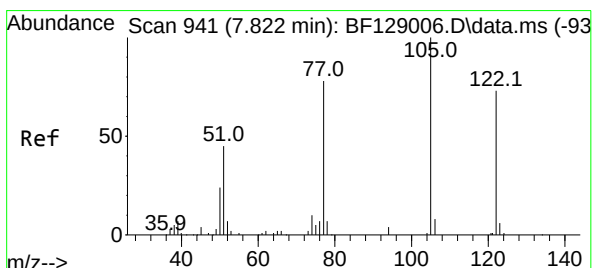
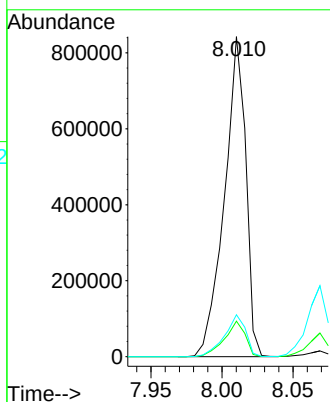
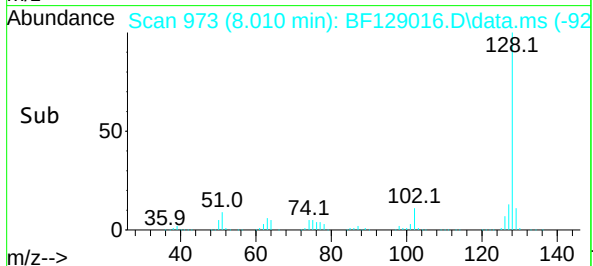
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion:128 Resp: 881340  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.2 13.8  
127 13.1 10.5 15.7

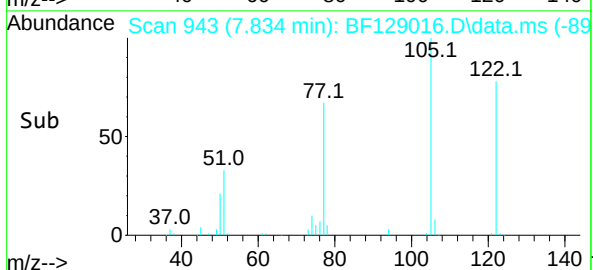
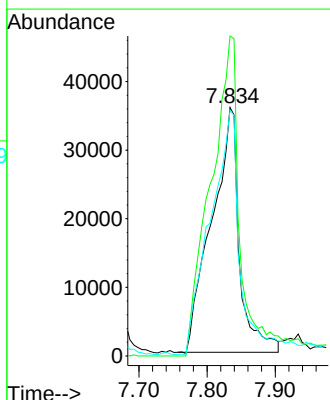
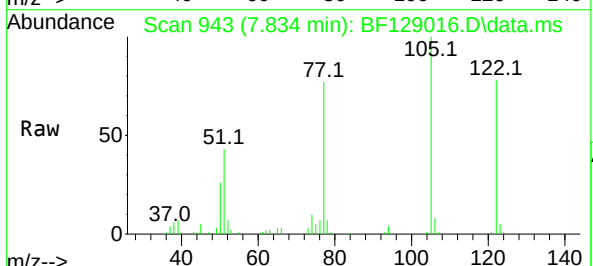
Manual Integrations  
APPROVED

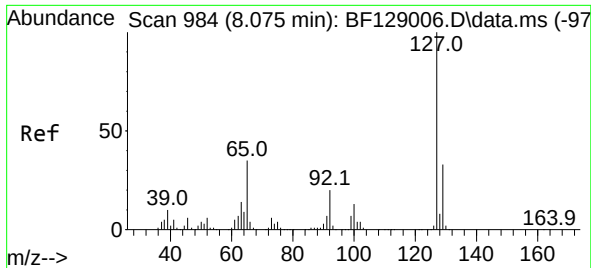
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#32  
Benzoic acid  
Concen: 44.834 ng  
RT: 7.834 min Scan# 943  
Delta R.T. 0.012 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Tgt Ion:122 Resp: 100872  
Ion Ratio Lower Upper  
122 100  
105 128.8 107.1 147.1  
77 98.9 74.2 114.2





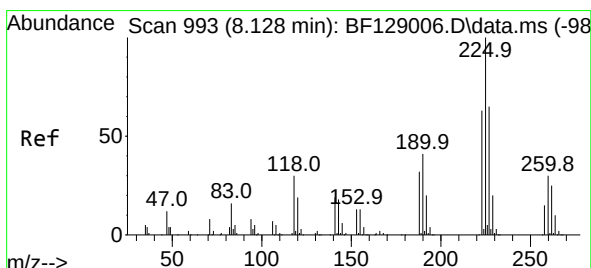
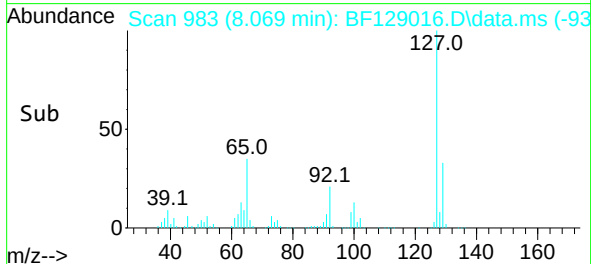
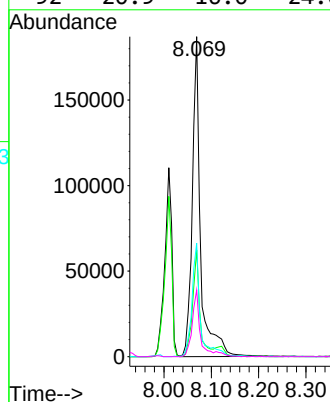
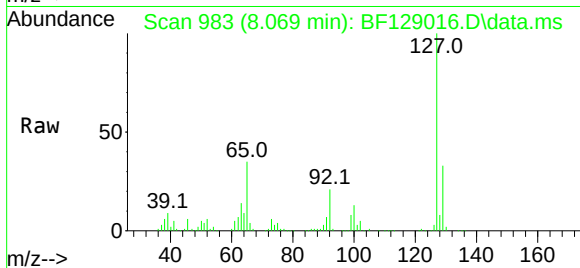
#33  
4-Chloroaniline  
Concen: 31.471 ng  
RT: 8.069 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 22815 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.4  | 26.4  | 39.6  |
| 65        | 35.5  | 26.4  | 39.6  |
| 92        | 20.9  | 16.0  | 24.0  |

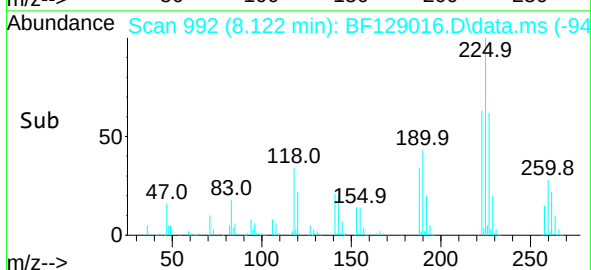
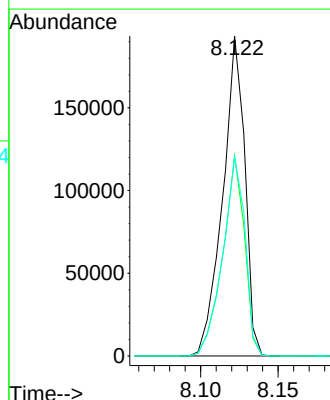
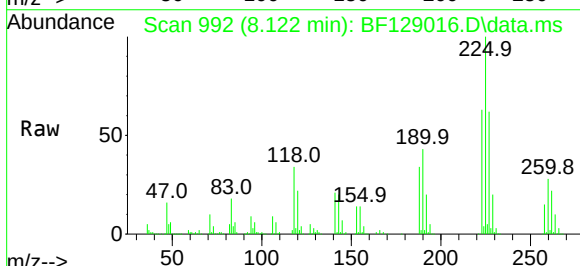
Manual Integrations  
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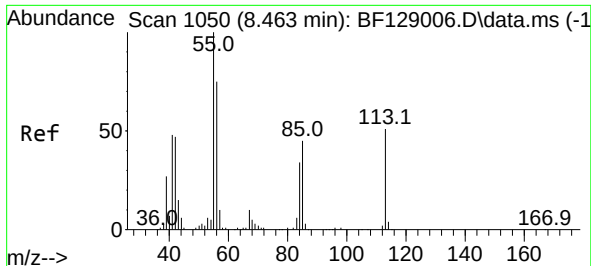
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#34  
Hexachlorobutadiene  
Concen: 48.100 ng  
RT: 8.122 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

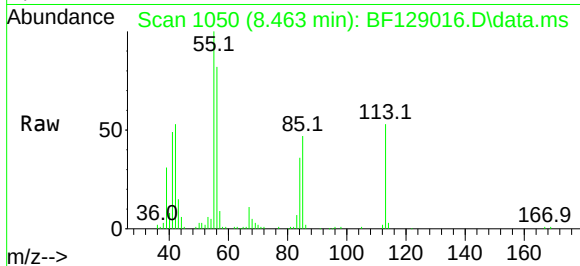
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 191445 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.6  | 51.0  | 76.6   |
| 227       | 62.3  | 51.1  | 76.7   |





#35  
Caprolactam  
Concen: 53.976 ng m  
RT: 8.463 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

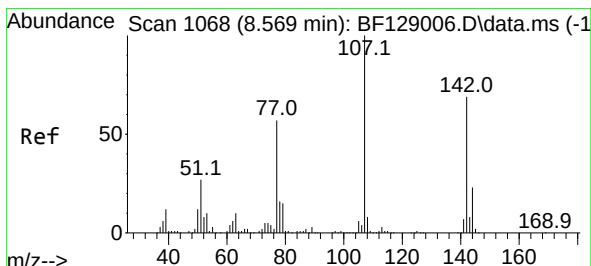
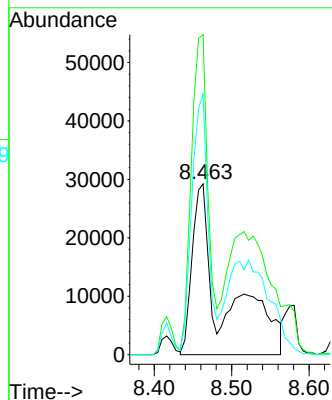
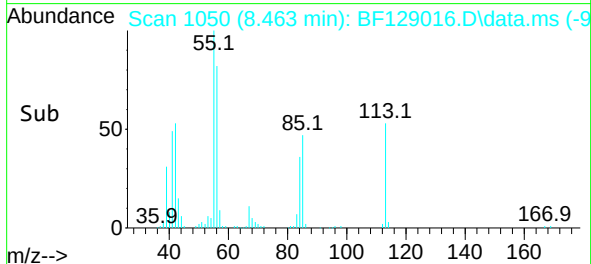
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



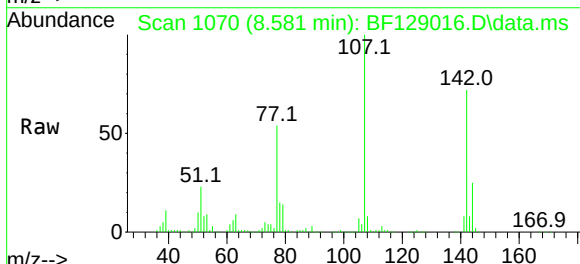
Tgt Ion:113 Resp: 8171  
Ion Ratio Lower Upper  
113 100  
55 187.3 188.5 228.5  
56 152.7 130.6 170.6

Manual Integrations  
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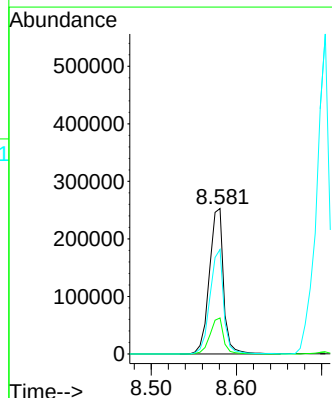
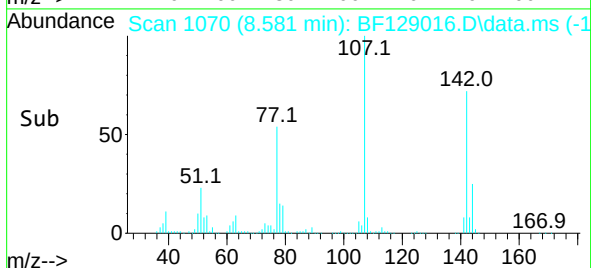
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

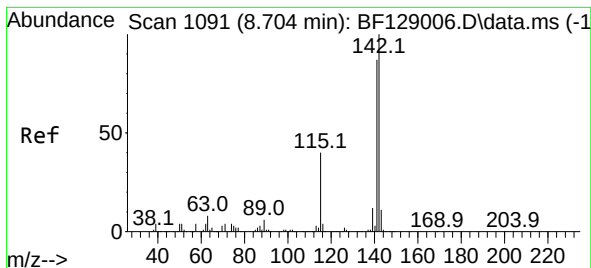


#36  
4-Chloro-3-methylphenol  
Concen: 53.131 ng  
RT: 8.581 min Scan# 1070  
Delta R.T. 0.012 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:107 Resp: 293005  
Ion Ratio Lower Upper  
107 100  
144 24.7 19.5 29.3  
142 71.9 58.2 87.4





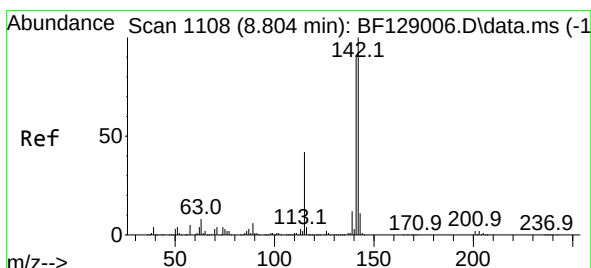
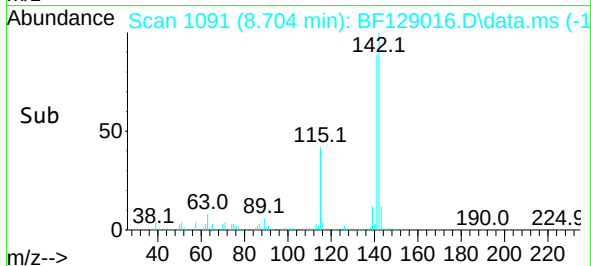
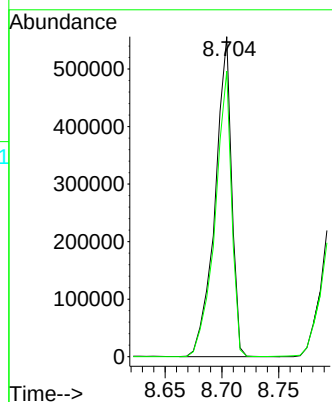
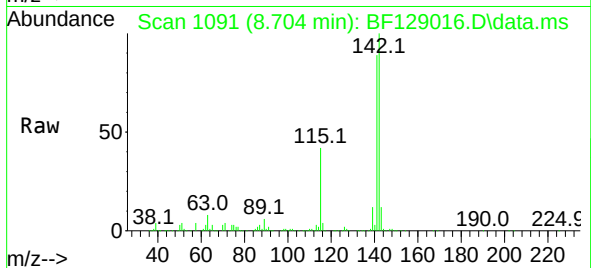
#37  
2-Methylnaphthalene  
Concen: 53.800 ng  
RT: 8.704 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD

Tgt Ion:142 Resp: 56480  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.0 106.4

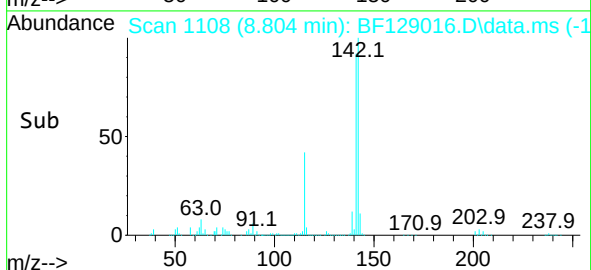
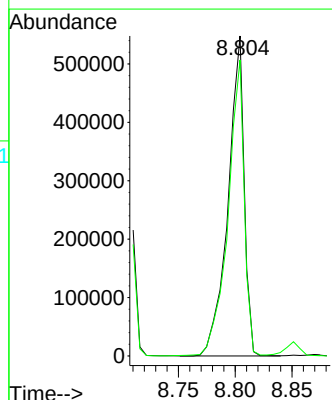
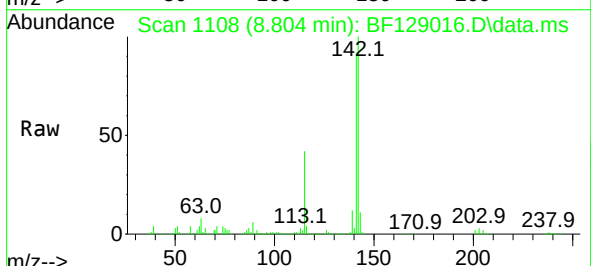
Manual Integrations  
APPROVED

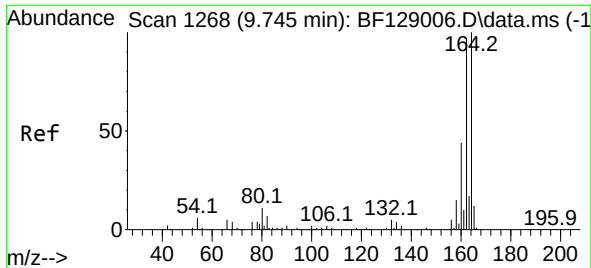
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#38  
1-Methylnaphthalene  
Concen: 53.595 ng  
RT: 8.804 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

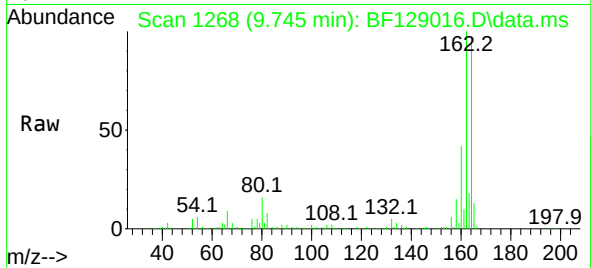
Tgt Ion:142 Resp: 540644  
Ion Ratio Lower Upper  
142 100  
141 92.5 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.745 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

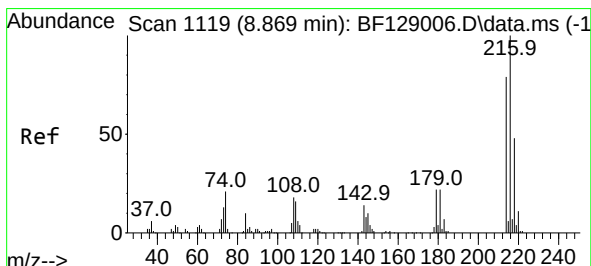
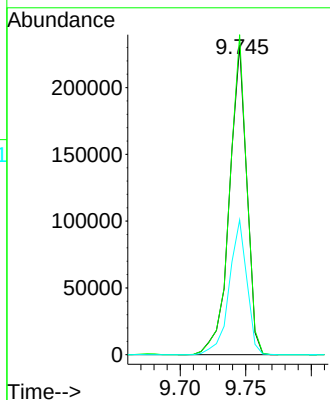
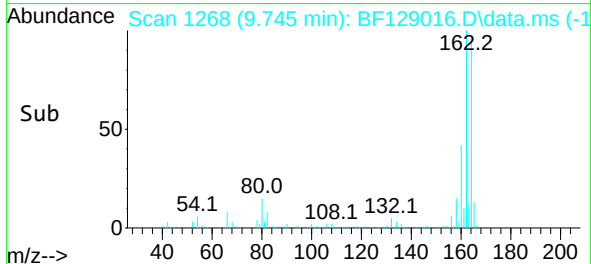
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



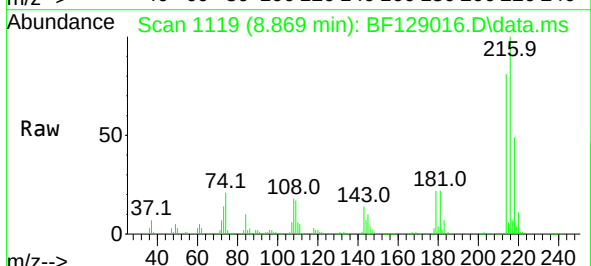
Tgt Ion:164 Resp: 21365  
Ion Ratio Lower Upper  
164 100  
162 103.5 79.5 119.3  
160 43.5 34.2 51.4

Manual Integrations  
APPROVED

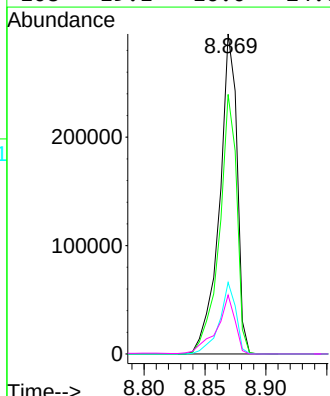
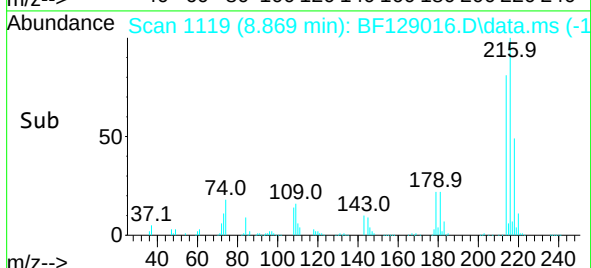
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

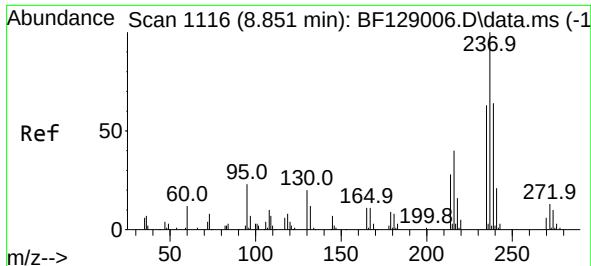


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.666 ng  
RT: 8.869 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



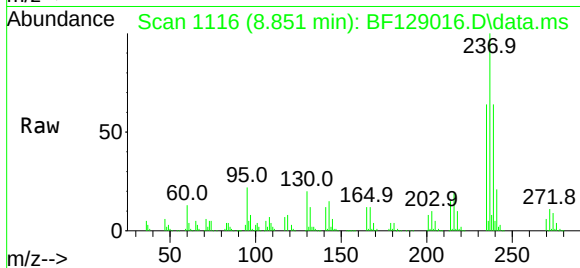
Tgt Ion:216 Resp: 298164  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.6 95.4  
179 20.8 17.0 25.6  
108 19.1 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 77.585 ng  
RT: 8.851 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

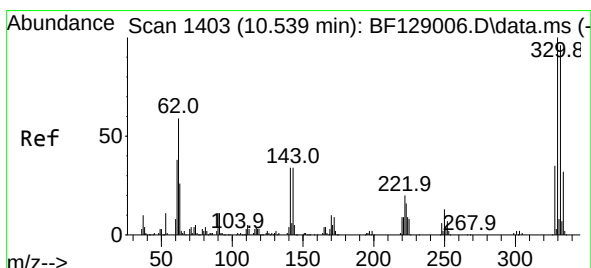
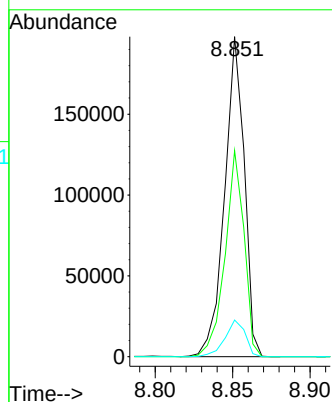
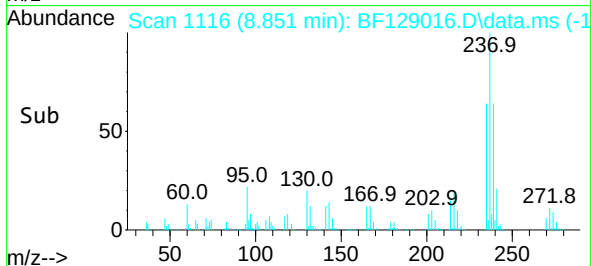
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



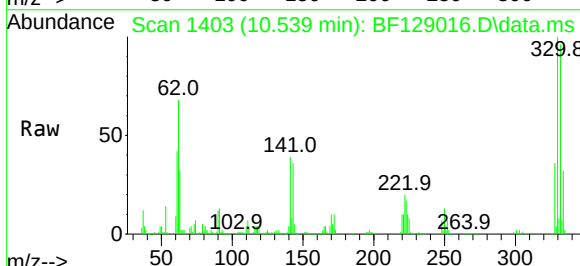
Tgt Ion: 237 Resp: 174602  
Ion Ratio Lower Upper  
237 100  
235 64.4 43.2 83.2  
272 11.5 0.0 31.9

Manual Integrations  
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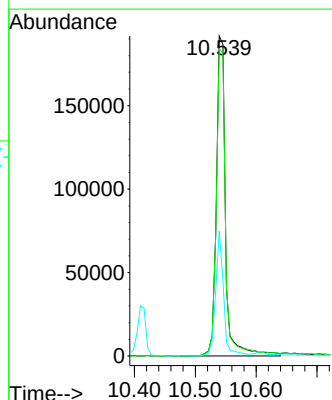
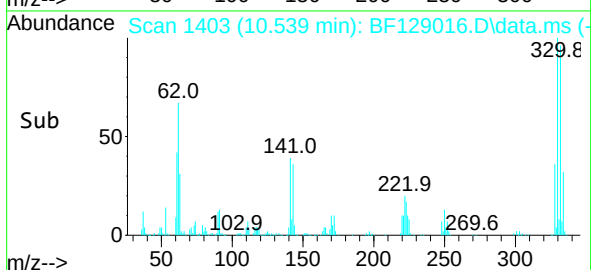
Reviewed By : Christian Giraldo 06/27/2022  
Supervised By : Jagrut Upadhyay 06/27/2022



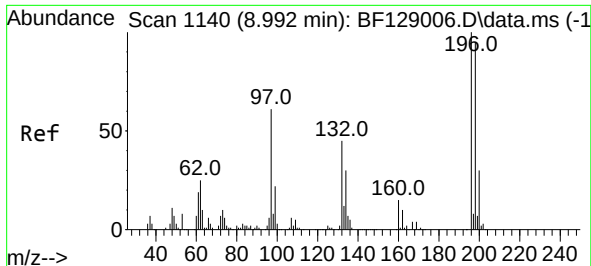
#42  
2,4,6-Tribromophenol  
Concen: 90.753 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion: 330 Resp: 201309  
Ion Ratio Lower Upper  
330 100  
332 98.7 76.8 115.2  
141 33.8 28.0 42.0







#43

2,4,6-Trichlorophenol

Concen: 44.167 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion:196 Resp: 172900

Ion Ratio Lower Upper

196 100

198 95.2 74.0 111.0

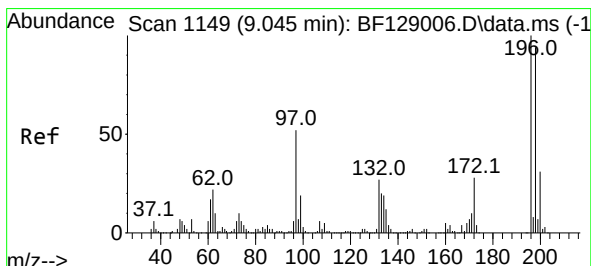
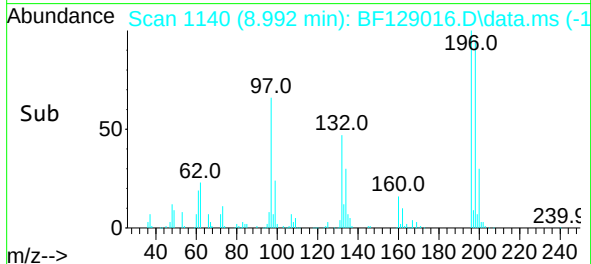
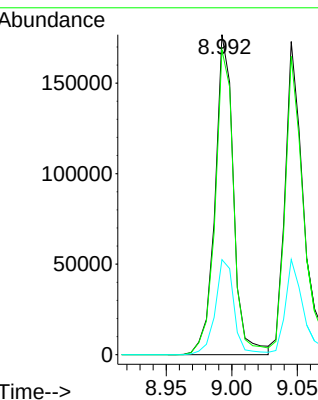
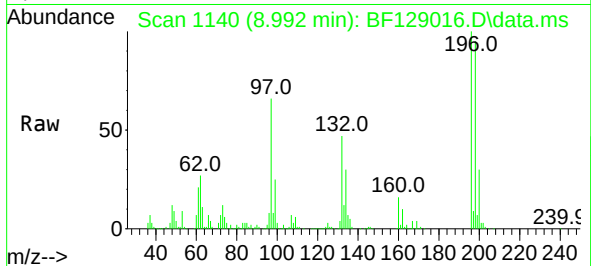
200 29.7 24.1 36.1

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#44

2,4,5-Trichlorophenol

Concen: 44.476 ng

RT: 9.045 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Tgt Ion:196 Resp: 181289

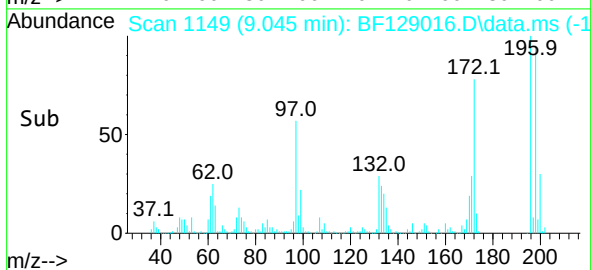
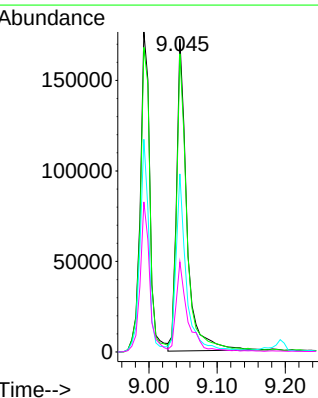
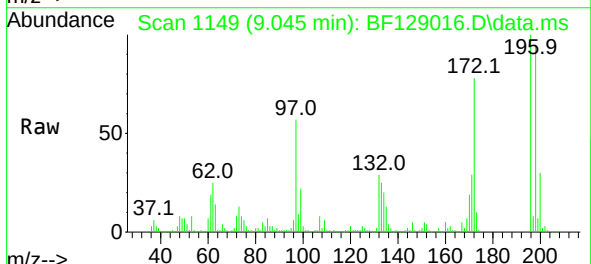
Ion Ratio Lower Upper

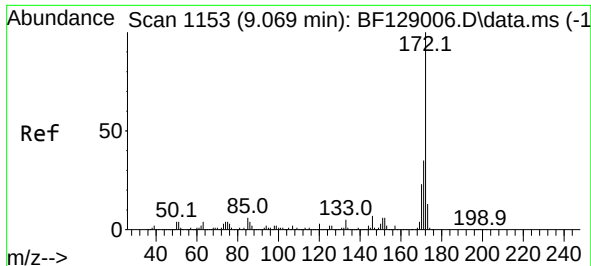
196 100

198 95.2 75.7 113.5

97 56.9 36.4 54.6#

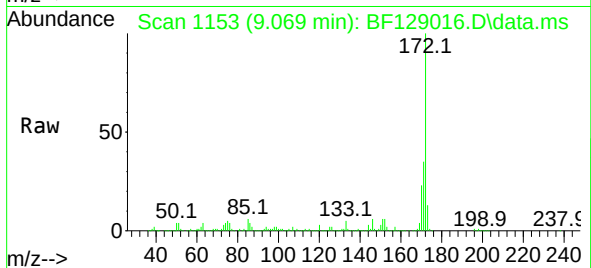
132 28.8 20.7 31.1





#45  
2-Fluorobiphenyl  
Concen: 87.892 ng  
RT: 9.069 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

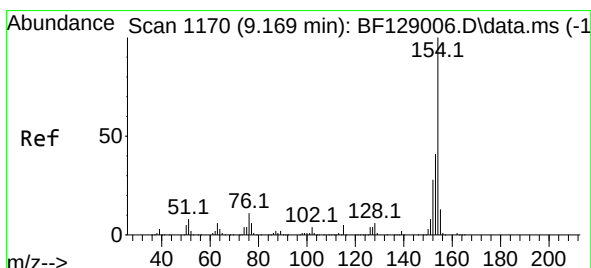
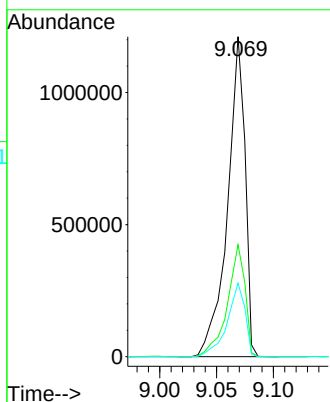
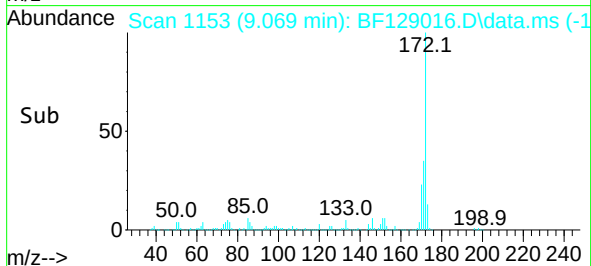
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



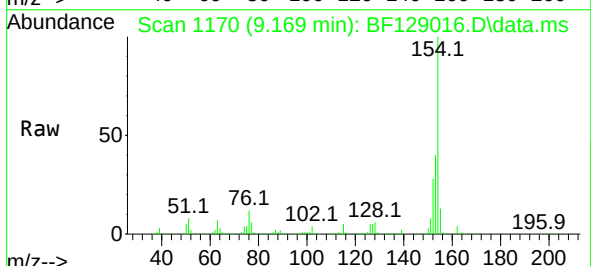
Tgt Ion:172 Resp: 129602  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.8 43.2  
170 23.0 19.8 29.8

Manual Integrations  
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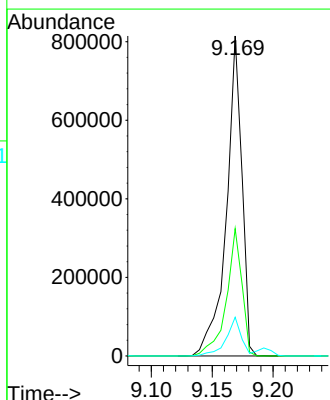
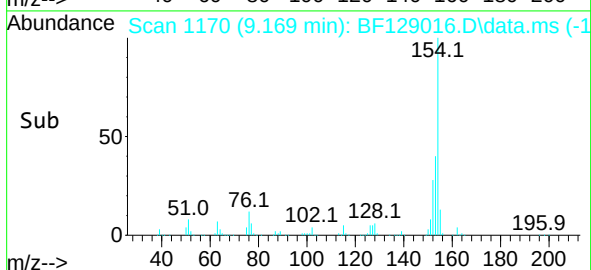
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

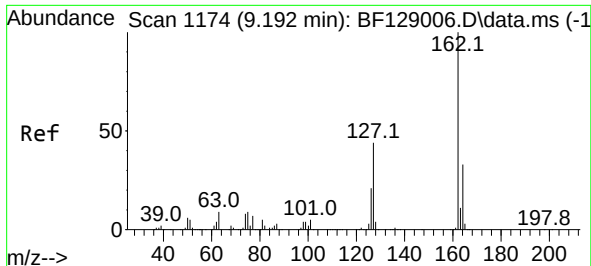


#46  
1,1'-Biphenyl  
Concen: 46.529 ng  
RT: 9.169 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



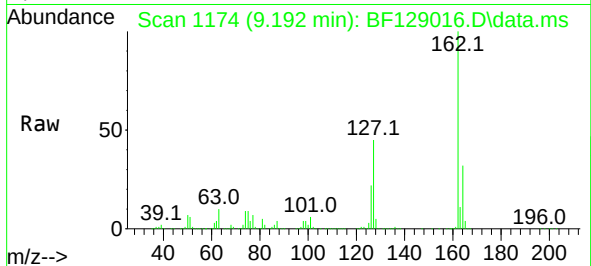
Tgt Ion:154 Resp: 722056  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.6 60.6  
76 12.1 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 46.213 ng  
RT: 9.192 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

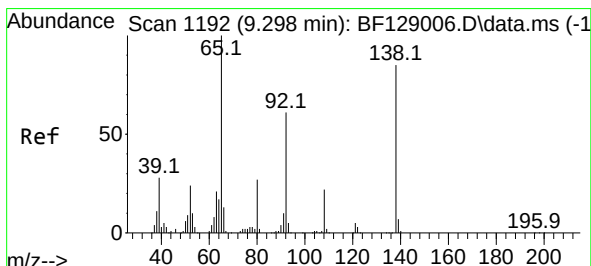
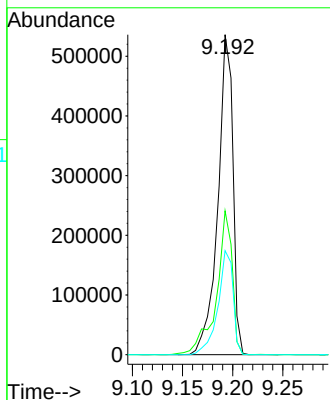
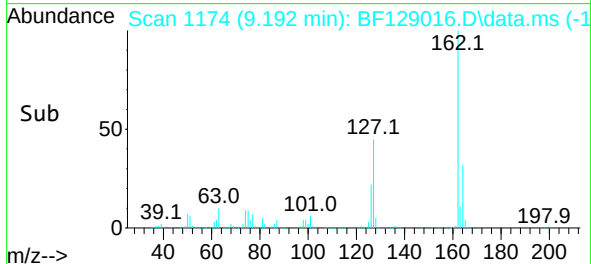
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



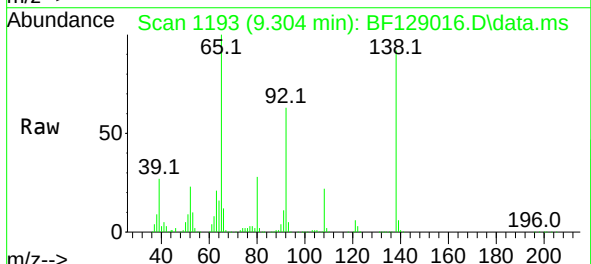
Tgt Ion:162 Resp: 55810  
Ion Ratio Lower Upper  
162 100  
127 45.0 34.5 51.7  
164 32.5 26.5 39.7

Manual Integrations  
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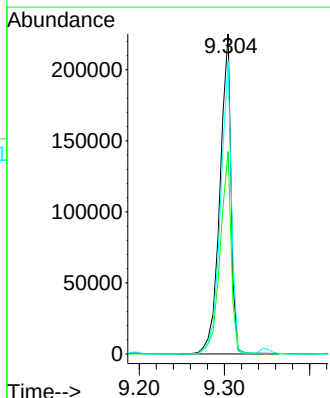
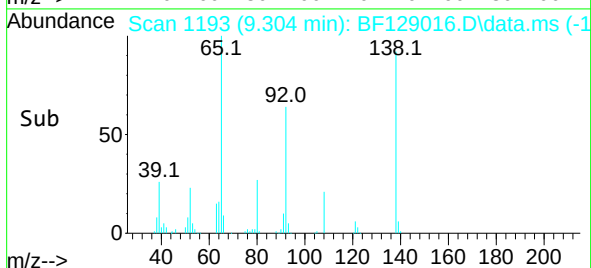
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

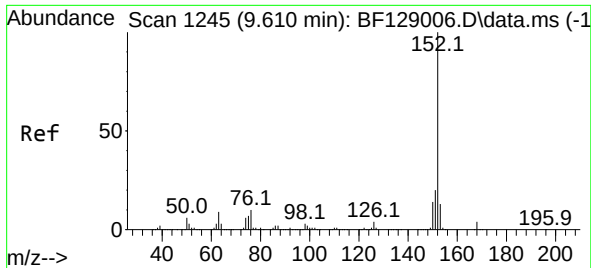


#48  
2-Nitroaniline  
Concen: 47.545 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



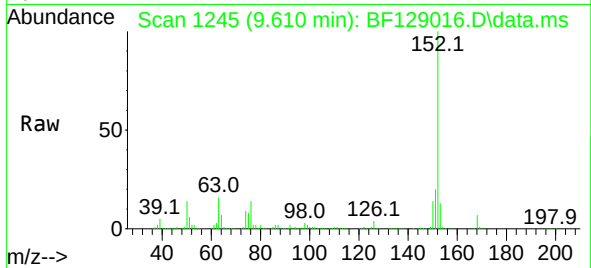
Tgt Ion: 65 Resp: 204300  
Ion Ratio Lower Upper  
65 100  
92 63.2 51.9 77.9  
138 91.6 76.4 114.6





#49  
Acenaphthylene  
Concen: 49.119 ng  
RT: 9.610 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

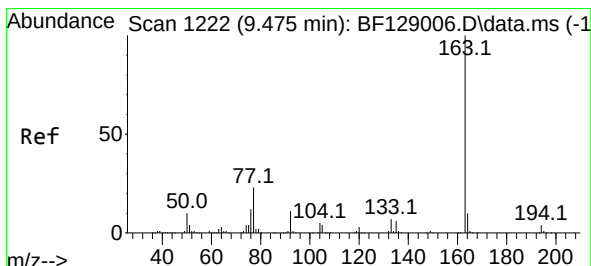
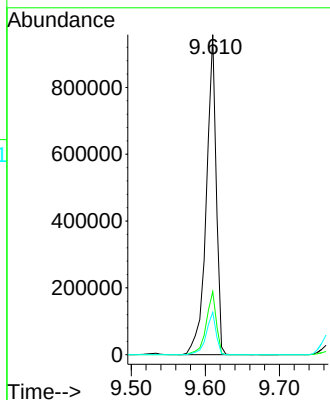
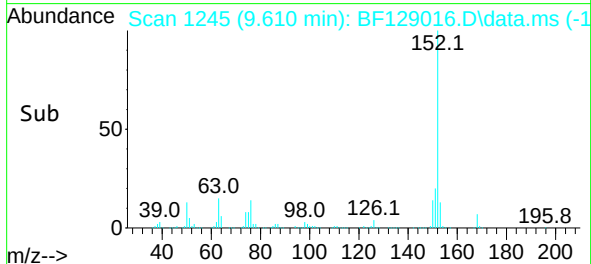
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



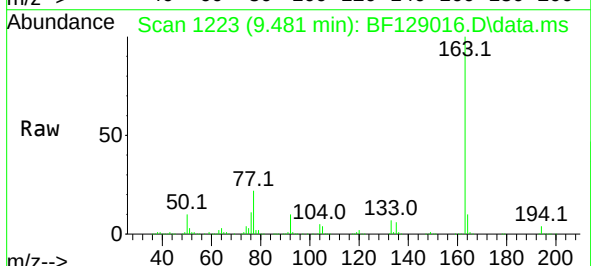
Tgt Ion:152 Resp: 89098  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.4  
153 13.2 10.7 16.1

Manual Integrations  
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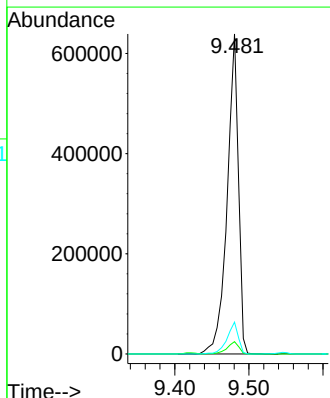
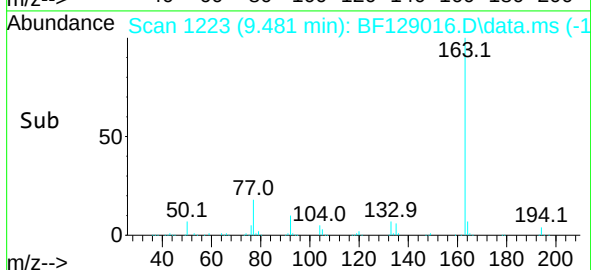
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

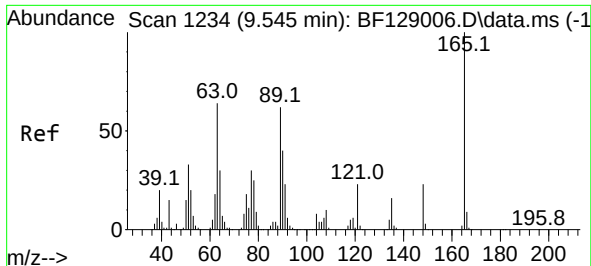


#50  
Dimethylphthalate  
Concen: 47.326 ng  
RT: 9.481 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



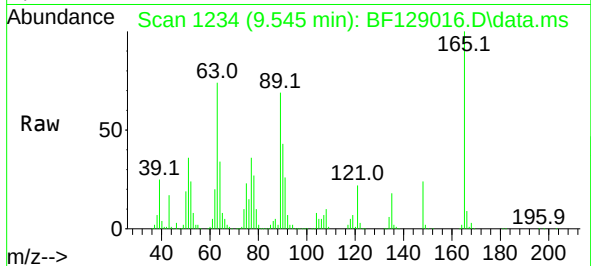
Tgt Ion:163 Resp: 671784  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 9.9 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 48.647 ng  
RT: 9.545 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

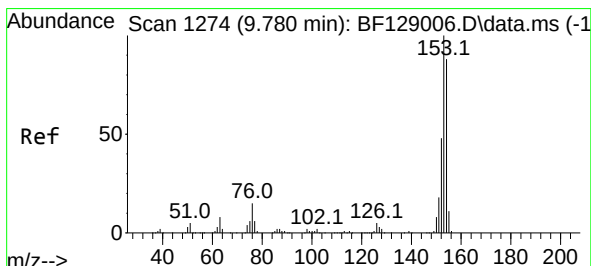
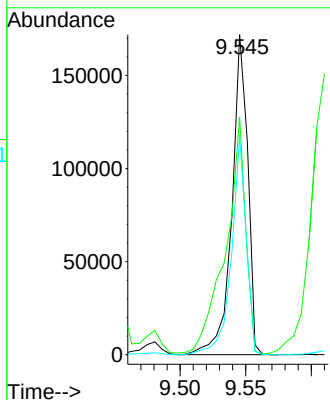
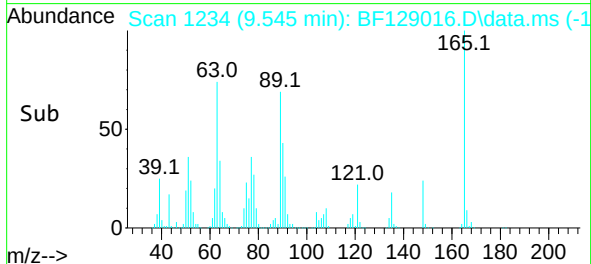
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



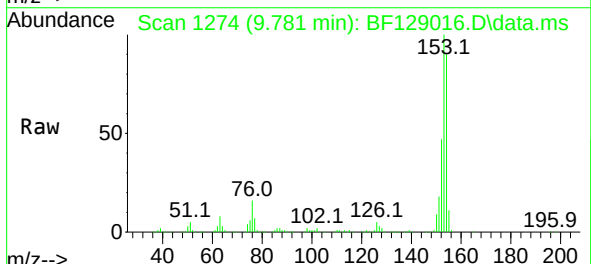
Tgt Ion:165 Resp: 144639  
Ion Ratio Lower Upper  
165 100  
63 74.3 44.9 67.3  
89 68.6 43.6 65.4

Manual Integrations  
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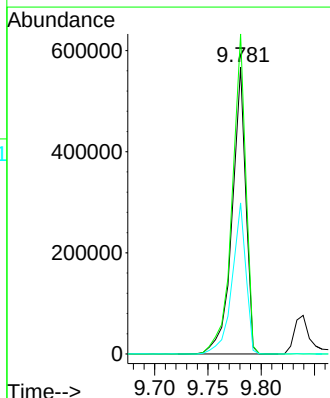
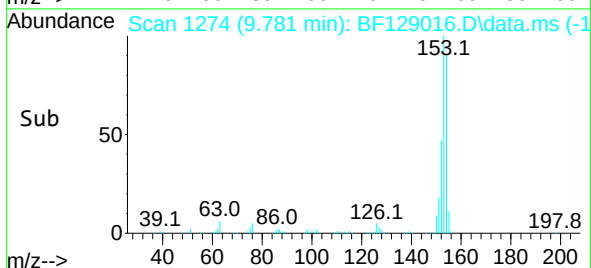
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

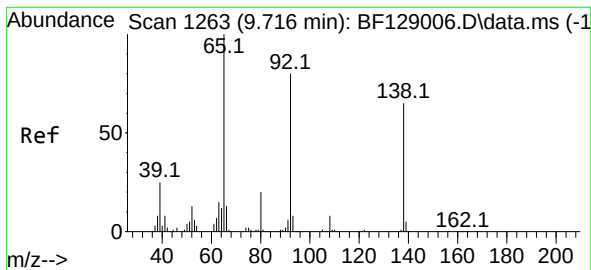


#52  
Acenaphthene  
Concen: 46.106 ng  
RT: 9.781 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



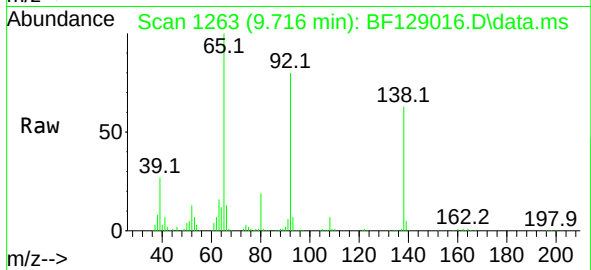
Tgt Ion:154 Resp: 505307  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.6 134.4  
152 52.7 42.4 63.6





#53  
3-Nitroaniline  
Concen: 32.448 ng  
RT: 9.716 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

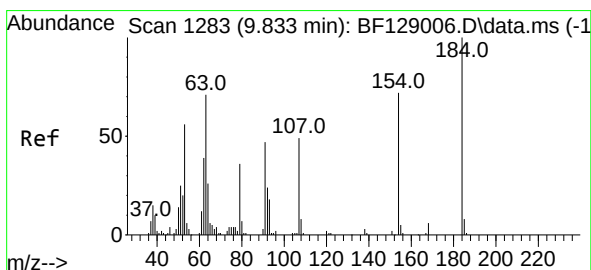
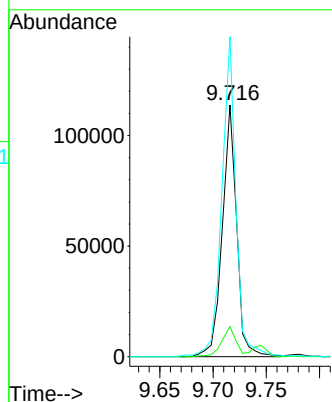
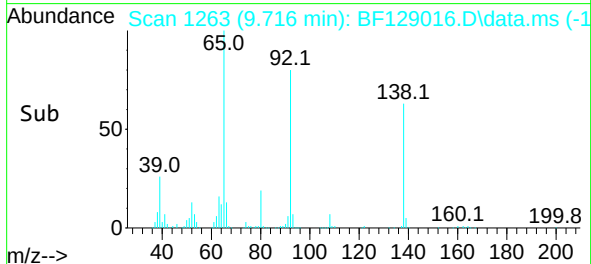
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



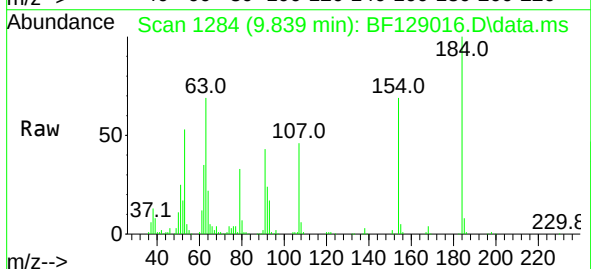
Tgt Ion:138 Resp: 10621  
Ion Ratio Lower Upper  
138 100  
108 12.0 10.9 16.3  
92 127.2 98.2 147.2

Manual Integrations  
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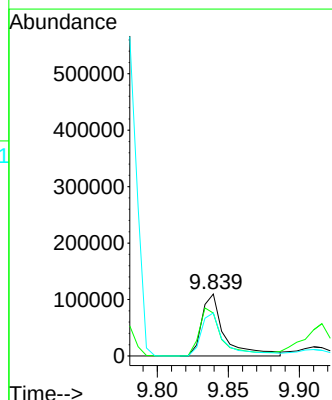
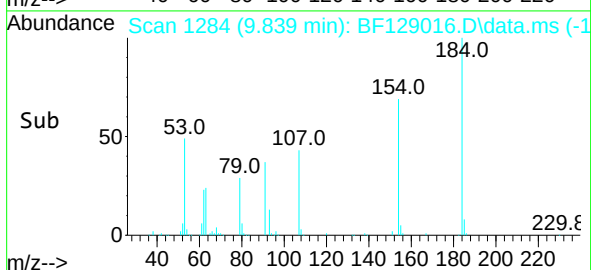
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

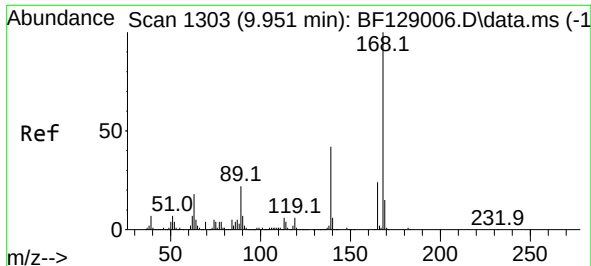


#54  
2,4-Dinitrophenol  
Concen: 83.710 ng  
RT: 9.839 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



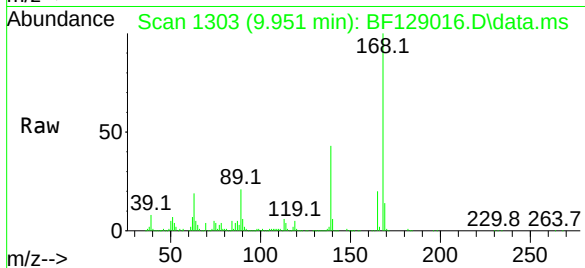
Tgt Ion:184 Resp: 121732  
Ion Ratio Lower Upper  
184 100  
63 69.4 64.5 96.7  
154 69.4 50.6 75.8





#55  
Dibenzenofuran  
Concen: 45.396 ng  
RT: 9.951 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

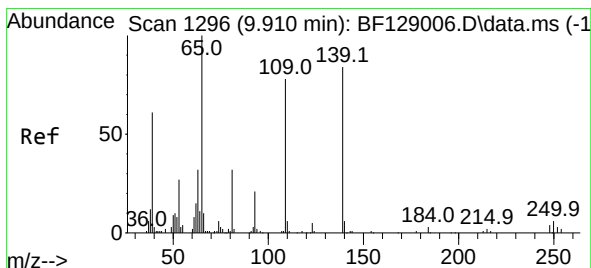
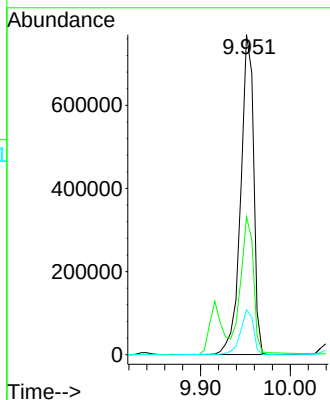
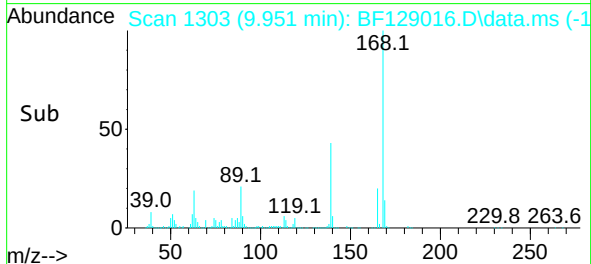
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



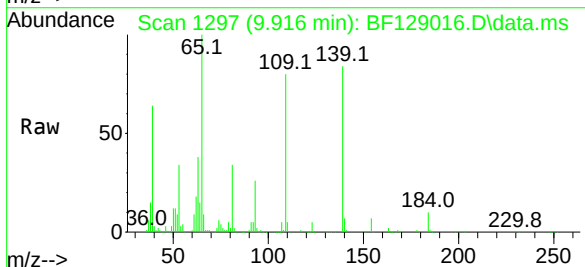
Tgt Ion:168 Resp: 77066  
Ion Ratio Lower Upper  
168 100  
139 43.1 30.6 46.0  
169 14.1 11.0 16.6

Manual Integrations  
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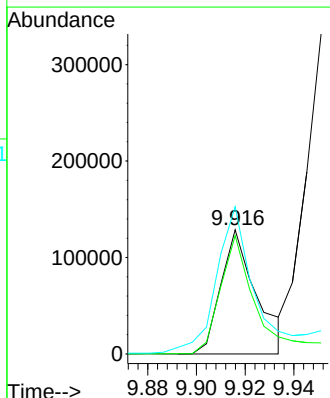
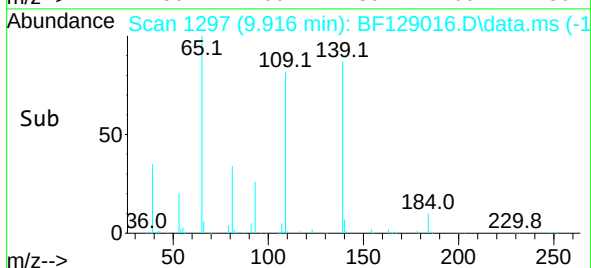
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

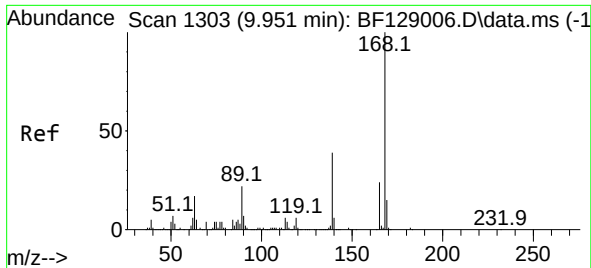


#56  
4-Nitrophenol  
Concen: 111.559 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:139 Resp: 130983  
Ion Ratio Lower Upper  
139 100  
109 95.3 50.7 90.7#  
65 118.5 74.5 114.5#





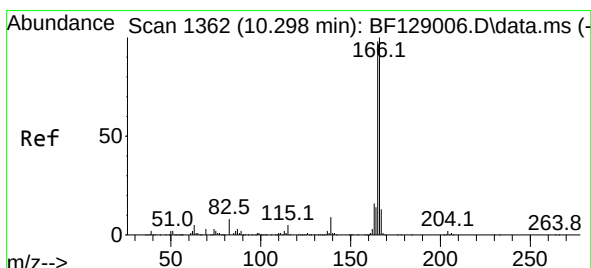
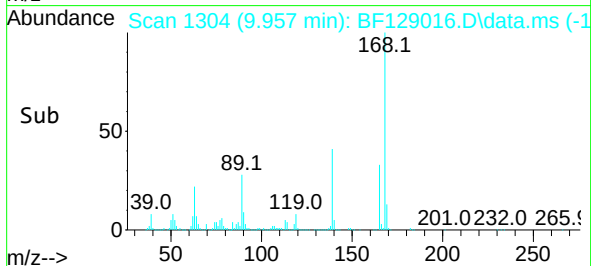
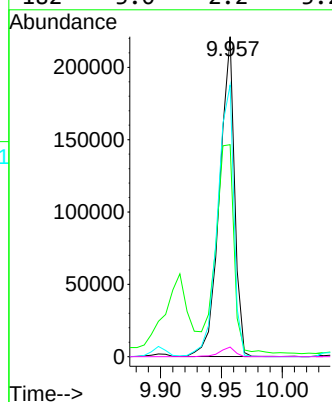
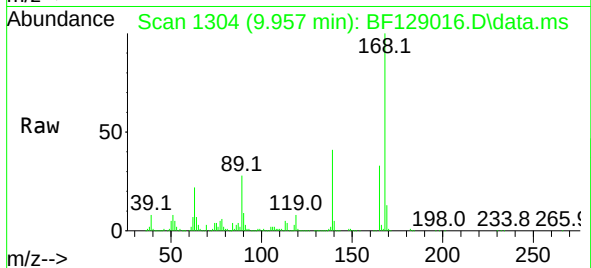
#57  
2,4-Dinitrotoluene  
Concen: 48.419 ng  
RT: 9.957 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD

Tgt Ion:165 Resp: 189264  
Ion Ratio Lower Upper  
165 100  
63 66.2 39.8 59.6  
89 84.9 60.2 90.2  
182 3.0 2.2 3.2

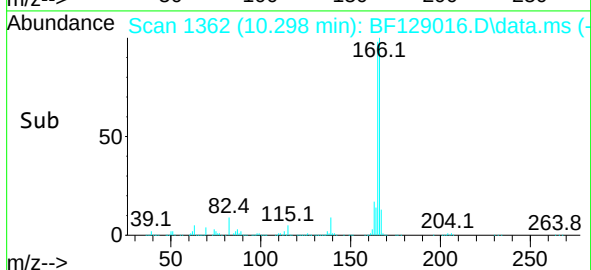
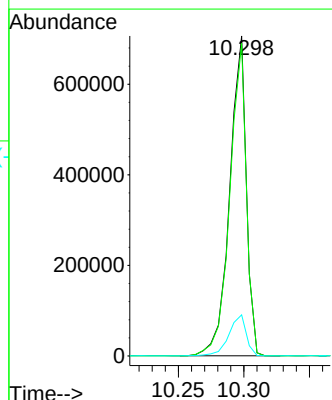
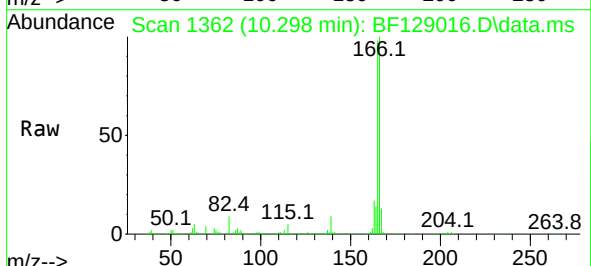
Manual Integrations  
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Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

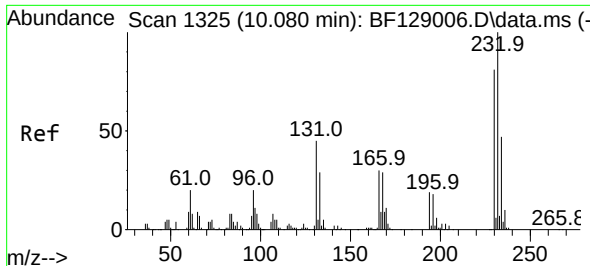


#58  
Fluorene  
Concen: 46.545 ng  
RT: 10.298 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Tgt Ion:166 Resp: 621996  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.1 117.1  
167 12.9 10.5 15.7

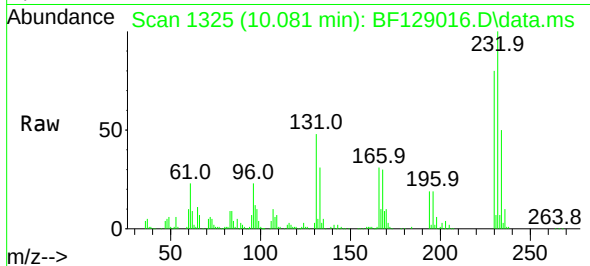






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.001 ng  
RT: 10.081 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

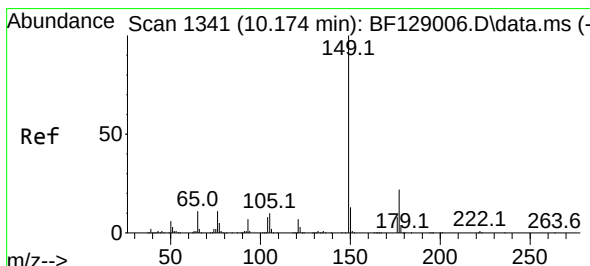
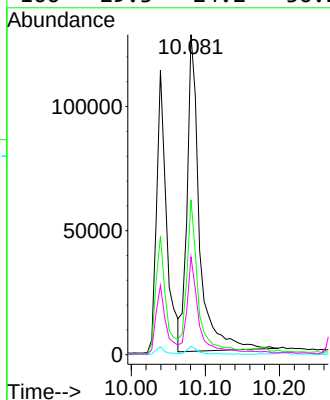
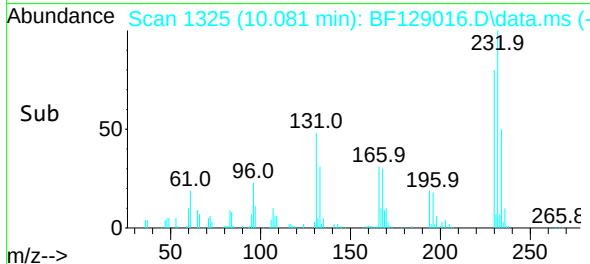
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



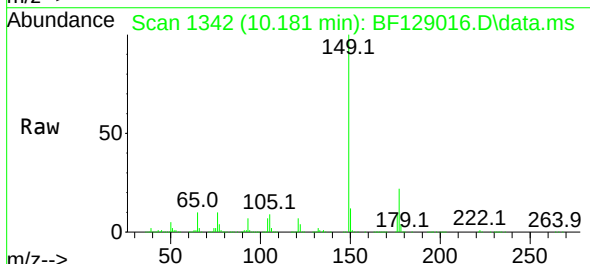
Tgt Ion:232 Resp: 14850  
Ion Ratio Lower Upper  
232 100  
131 42.2 36.1 54.1  
130 2.5 1.8 2.8  
166 29.3 24.2 36.2

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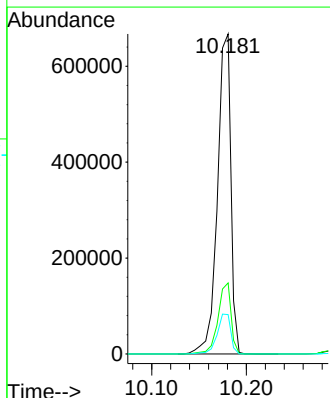
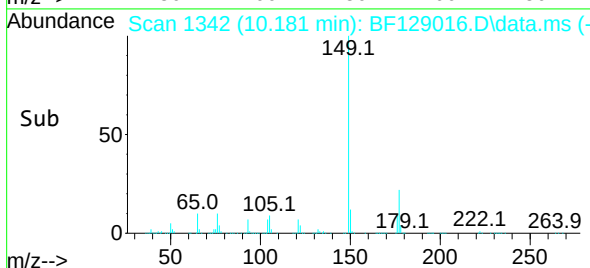
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

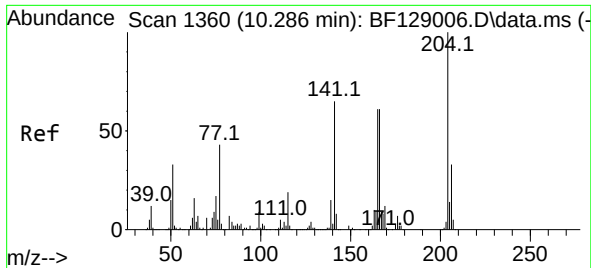


#60  
Diethylphthalate  
Concen: 47.457 ng  
RT: 10.181 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



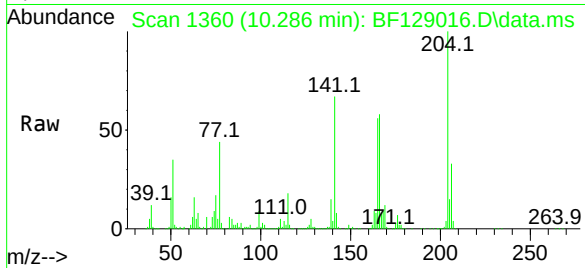
Tgt Ion:149 Resp: 655689  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.3 25.9  
150 12.3 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 45.626 ng  
RT: 10.286 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

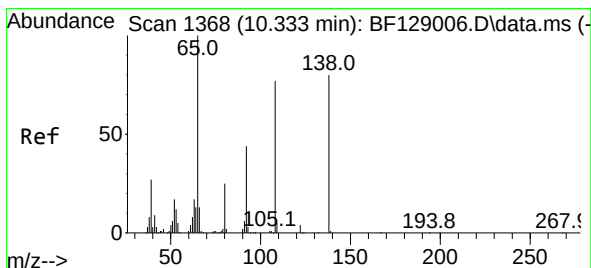
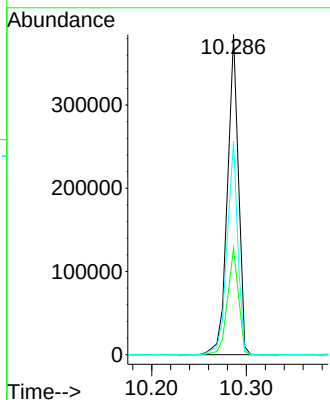
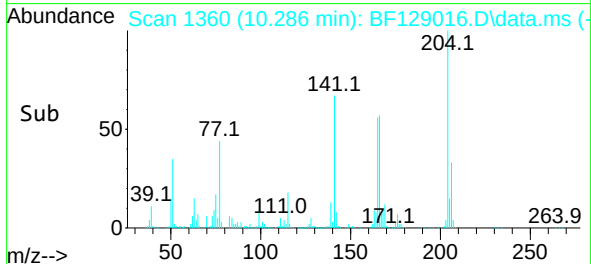
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



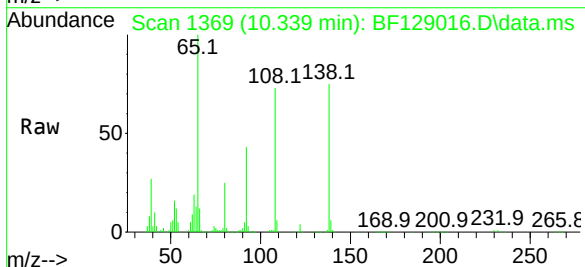
Tgt Ion:204 Resp: 310938  
Ion Ratio Lower Upper  
204 100  
206 33.3 25.8 38.6  
141 66.7 47.0 70.4

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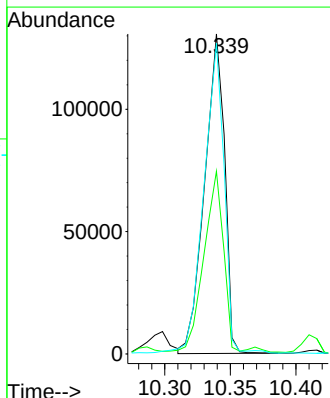
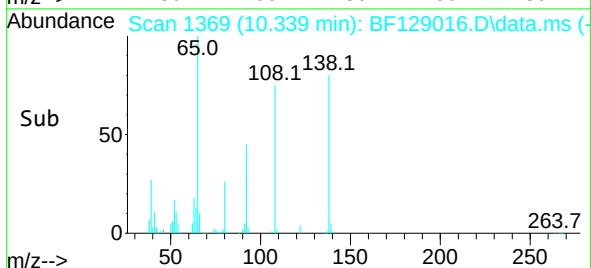
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

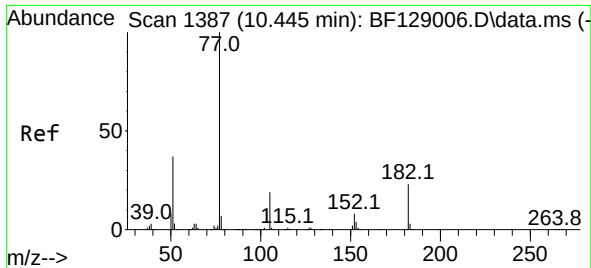


#62  
4-Nitroaniline  
Concen: 44.974 ng  
RT: 10.339 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



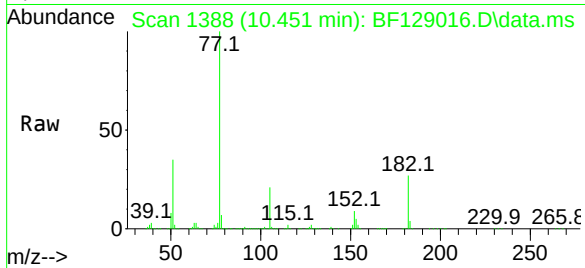
Tgt Ion:138 Resp: 138970  
Ion Ratio Lower Upper  
138 100  
92 57.1 33.5 73.5  
108 97.1 61.0 101.0





#63  
Azobenzene  
Concen: 45.680 ng  
RT: 10.451 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

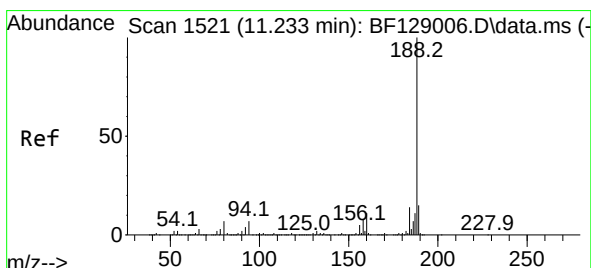
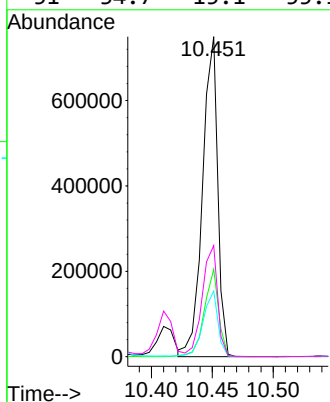
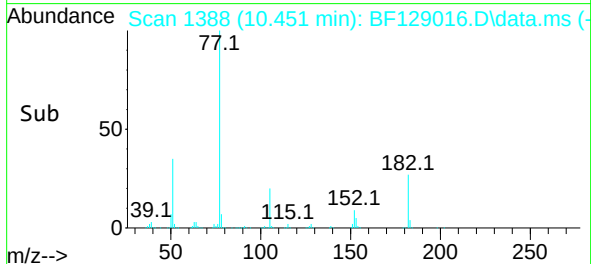
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion: 77 Resp: 646327  
Ion Ratio Lower Upper  
77 100  
182 27.3 5.6 45.6  
105 20.5 1.6 41.6  
51 34.7 15.1 55.1

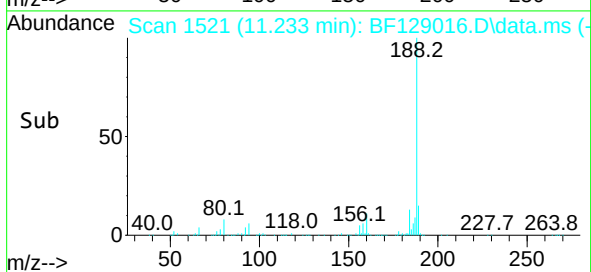
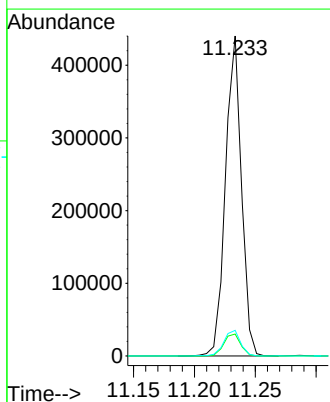
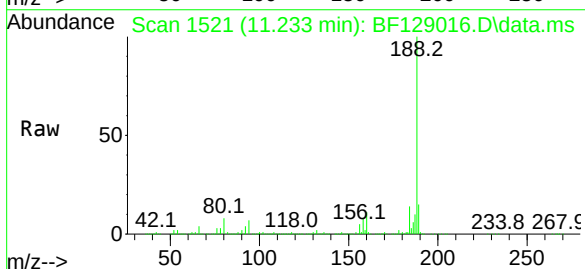
Manual Integrations  
APPROVED

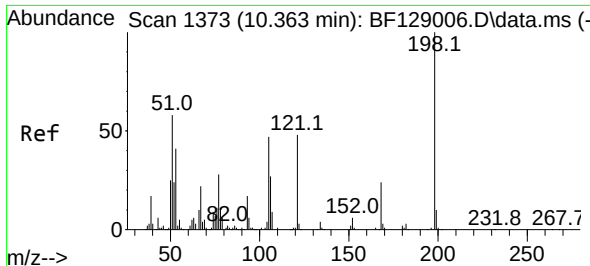
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.233 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

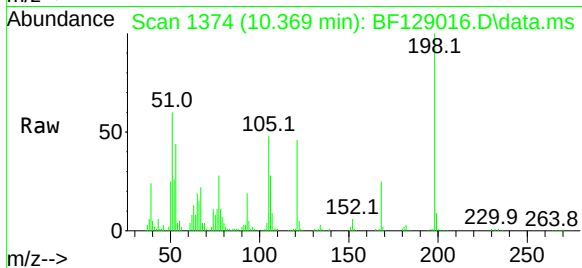
Tgt Ion:188 Resp: 400803  
Ion Ratio Lower Upper  
188 100  
94 6.9 7.0 10.6#  
80 8.0 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.790 ng  
RT: 10.369 min Scan# 1374  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

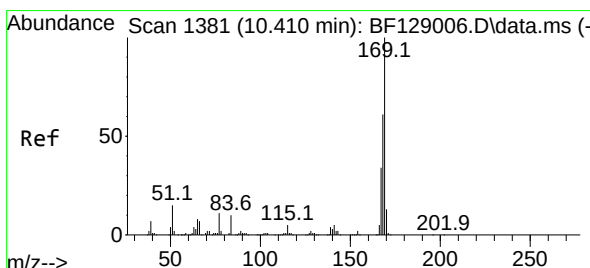
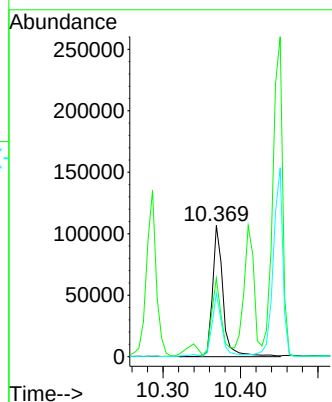
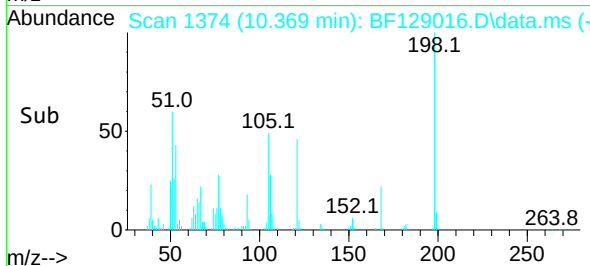
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



Tgt Ion:198 Resp: 100579  
Ion Ratio Lower Upper  
198 100  
51 59.7 37.6 77.6  
105 48.4 27.0 67.0

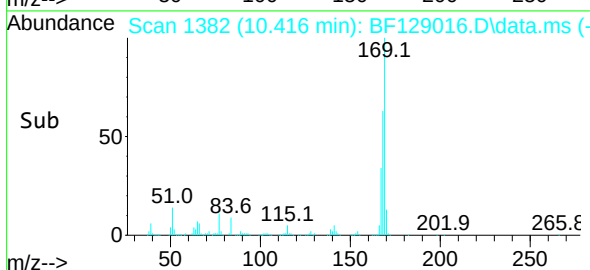
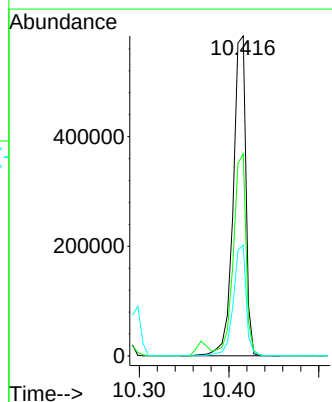
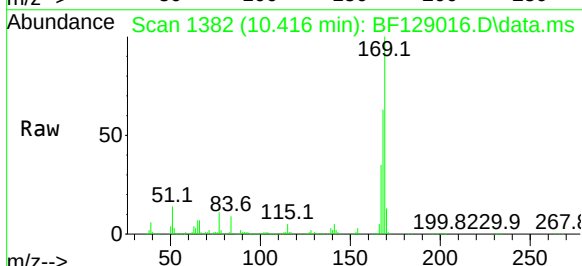
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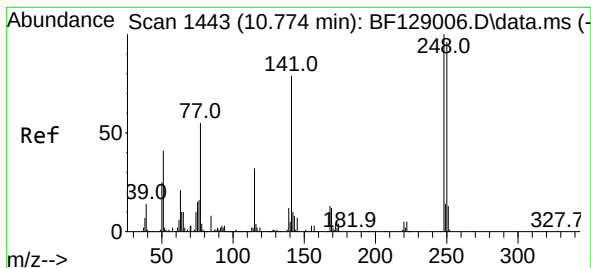
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#66  
n-Nitrosodiphenylamine  
Concen: 46.627 ng  
RT: 10.416 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Tgt Ion:169 Resp: 574439  
Ion Ratio Lower Upper  
169 100  
168 63.1 50.1 75.1  
167 34.6 27.9 41.9





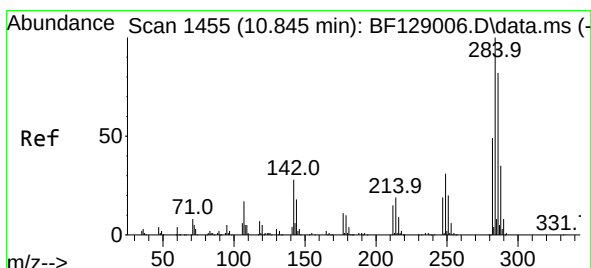
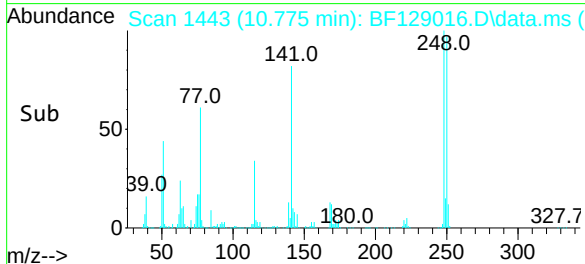
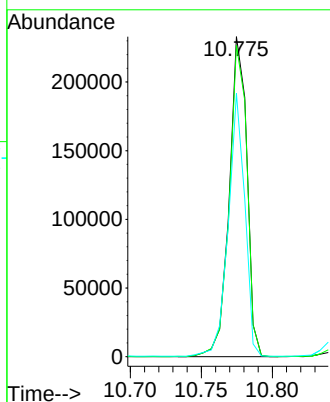
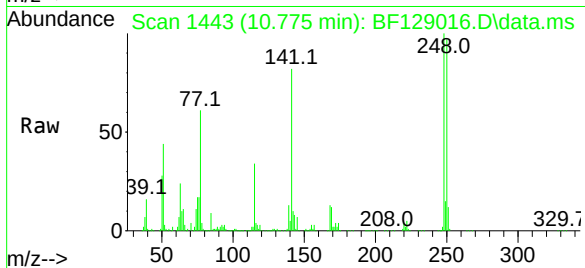
#67  
4-Bromophenyl-phenylether  
Concen: 45.980 ng  
RT: 10.775 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD

Tgt Ion:248 Resp: 20223  
Ion Ratio Lower Upper  
248 100  
250 97.4 80.6 120.8  
141 82.2 58.9 88.3

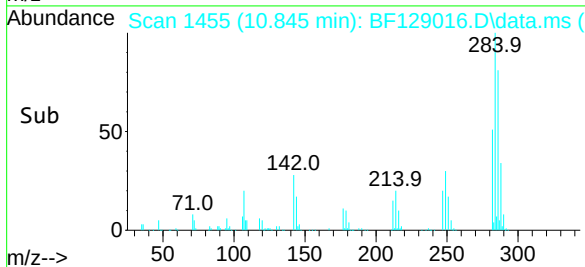
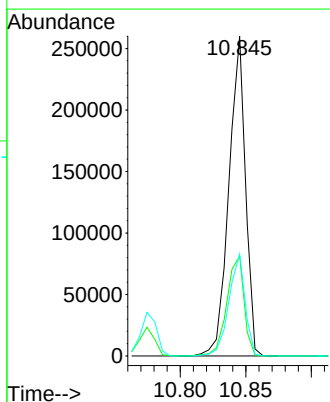
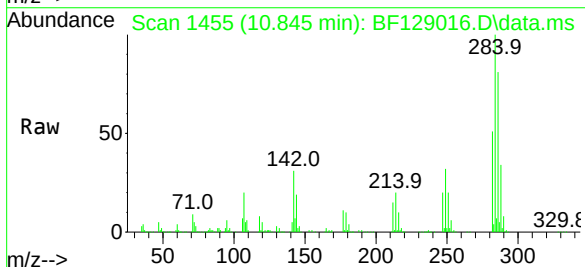
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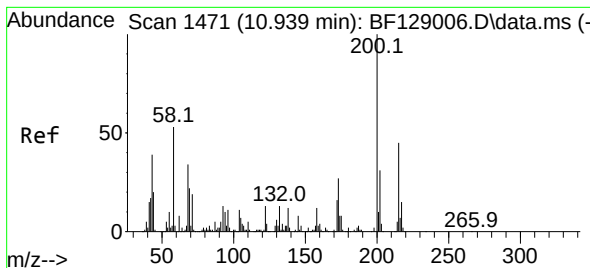
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#68  
Hexachlorobenzene  
Concen: 47.295 ng  
RT: 10.845 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

Tgt Ion:284 Resp: 229152  
Ion Ratio Lower Upper  
284 100  
142 31.2 29.0 43.4  
249 31.9 25.0 37.6





#69

Atrazine

Concen: 53.623 ng

RT: 10.945 min Scan# 1472

Delta R.T. 0.006 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion:200 Resp: 198120

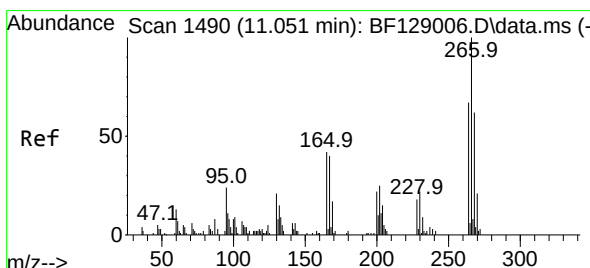
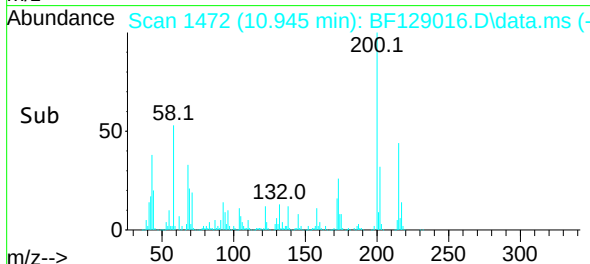
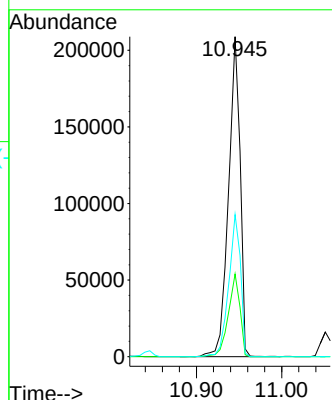
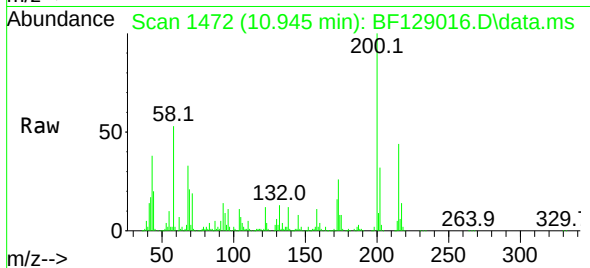
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 25.9  | 6.3   | 46.3  |
| 215 | 44.4  | 28.3  | 68.3  |

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#70

Pentachlorophenol

Concen: 94.649 ng

RT: 11.051 min Scan# 1490

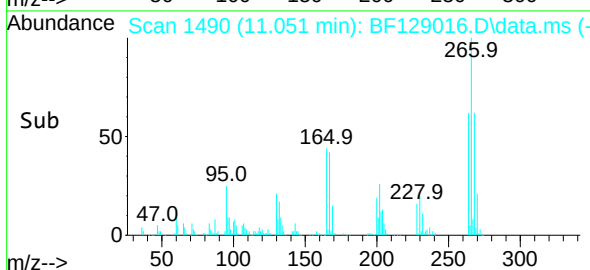
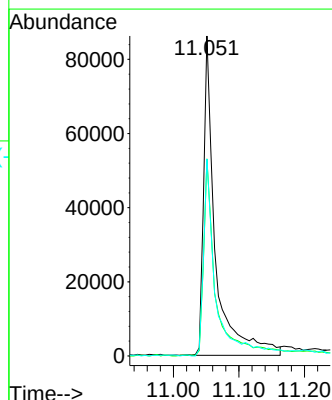
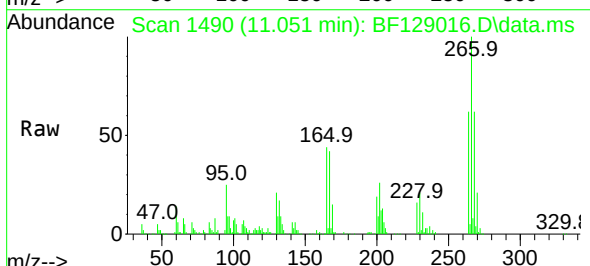
Delta R.T. 0.000 min

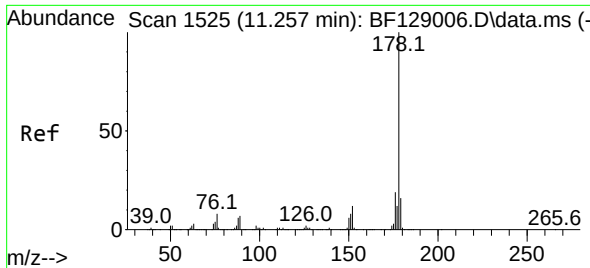
Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Tgt Ion:266 Resp: 108621

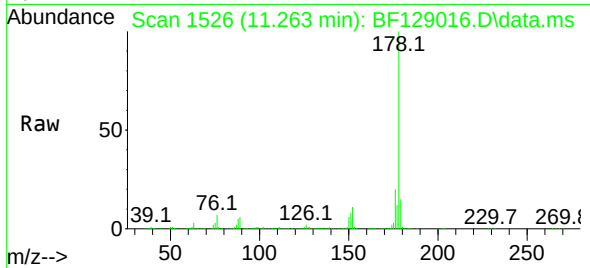
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 61.6  | 51.0  | 76.4  |
| 264 | 61.5  | 49.4  | 74.2  |





#71  
Phenanthrene  
Concen: 46.358 ng  
RT: 11.263 min Scan# 1526  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

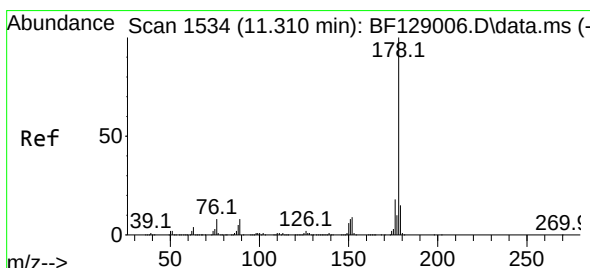
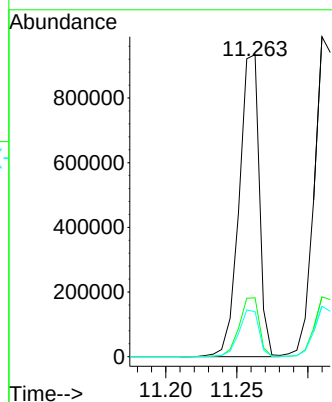
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



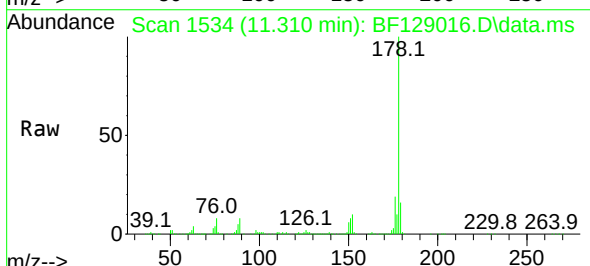
Tgt Ion:178 Resp: 920820  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 14.9 12.6 19.0

Manual Integrations  
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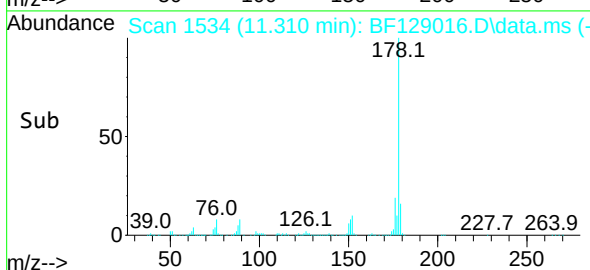
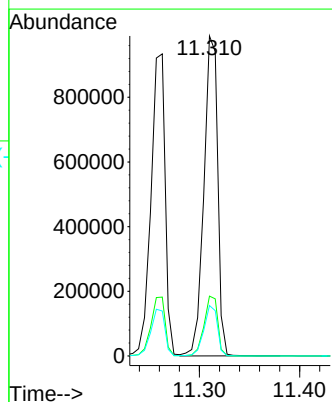
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

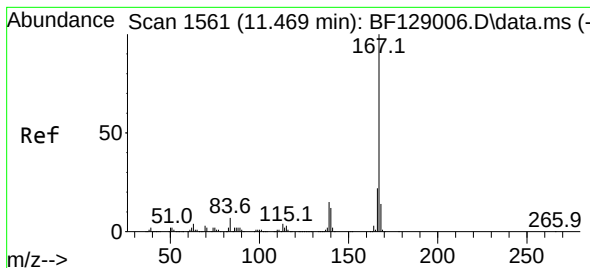


#72  
Anthracene  
Concen: 48.034 ng  
RT: 11.310 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:178 Resp: 951763  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.8 12.6 19.0





#73

Carbazole

Concen: 44.586 ng

RT: 11.475 min Scan# 1561

Delta R.T. 0.006 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion:167 Resp: 837214

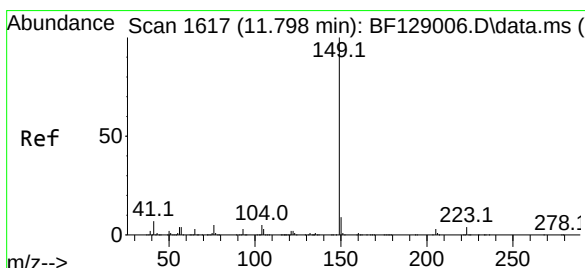
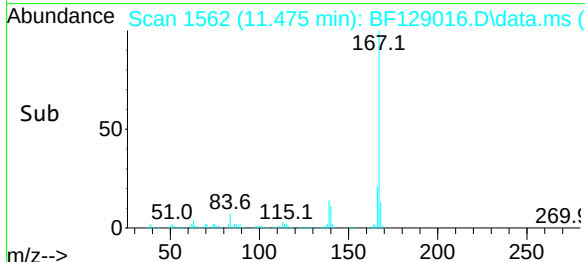
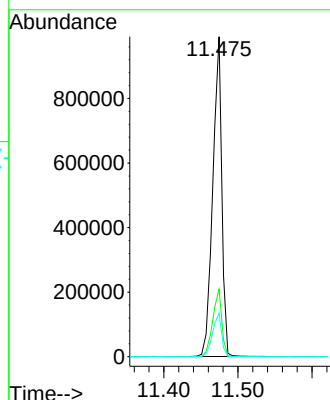
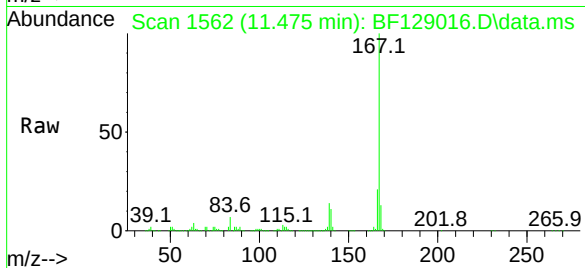
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.1  | 17.7  | 26.5  |
| 139 | 13.6  | 11.2  | 16.8  |

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#74

Di-n-butylphthalate

Concen: 47.011 ng

RT: 11.798 min Scan# 1617

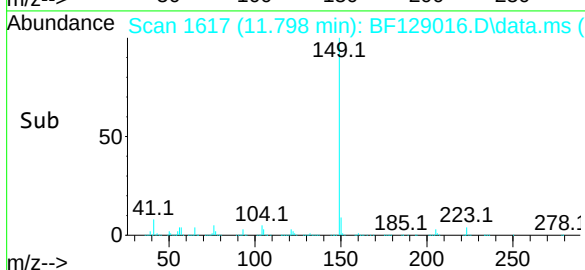
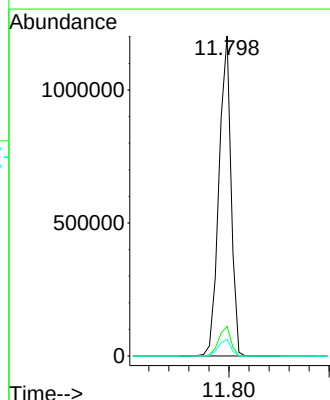
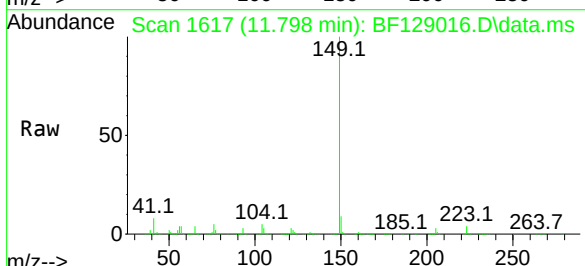
Delta R.T. 0.000 min

Lab File: BF129016.D

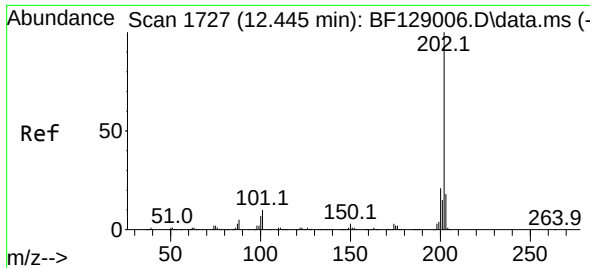
Acq: 26 Jun 2022 20:54

Tgt Ion:149 Resp: 1002247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.5   | 11.3  |
| 104 | 5.2   | 4.4   | 6.6   |

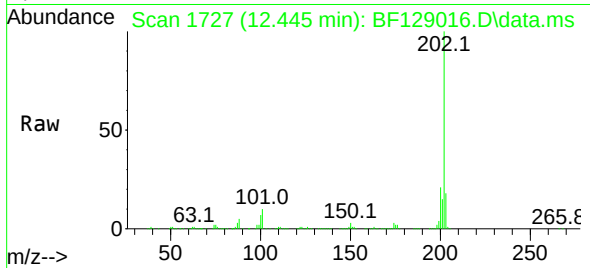






#75  
Fluoranthene  
Concen: 49.760 ng  
RT: 12.445 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

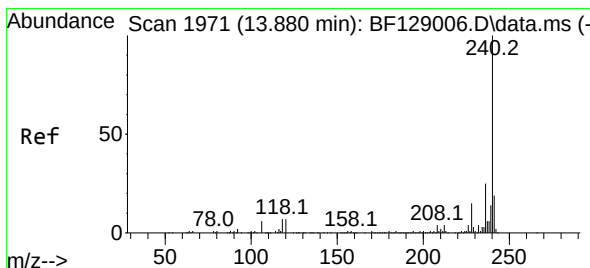
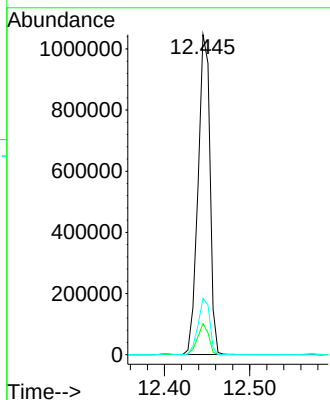
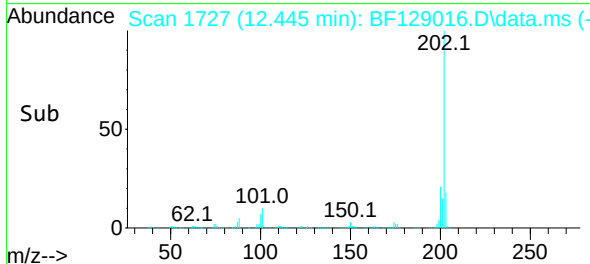
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



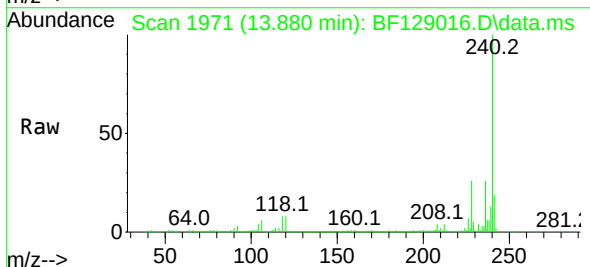
Tgt Ion:202 Resp: 1015770  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.4  
203 17.6 0.0 38.0

Manual Integrations  
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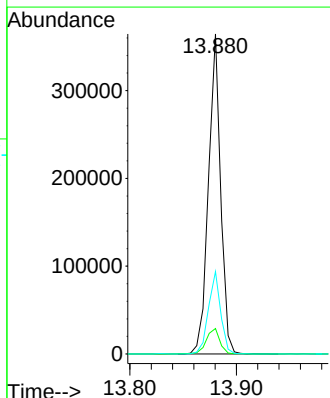
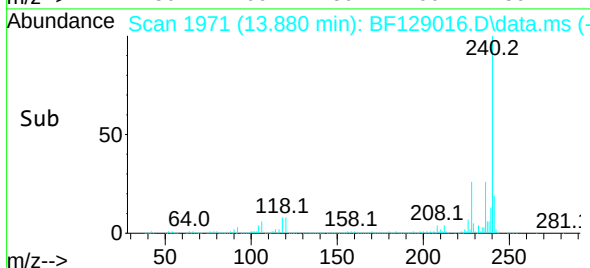
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

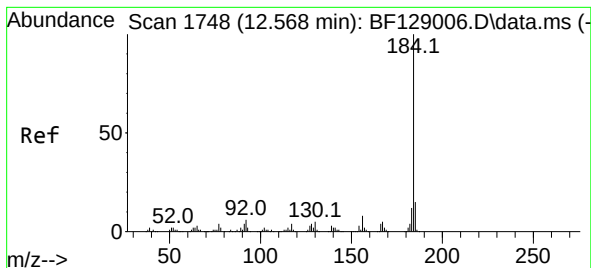


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.880 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:240 Resp: 289783  
Ion Ratio Lower Upper  
240 100  
120 8.0 8.9 13.3#  
236 25.7 20.8 31.2





#77

Benzidine

Concen: Below Cal

RT: 12.575 min Scan# 1749

Delta R.T. 0.007 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

Instrument :

BNA\_F

ClientSampleId :

PB145630BSD

Tgt Ion:184 Resp: 39508

Ion Ratio Lower Upper

184 100

185 13.7 11.9 17.9

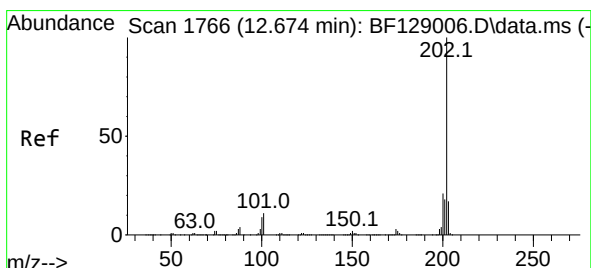
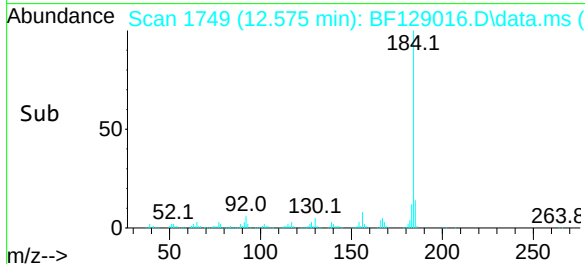
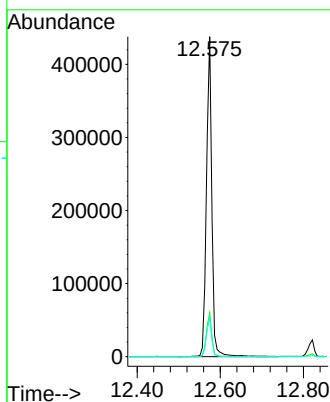
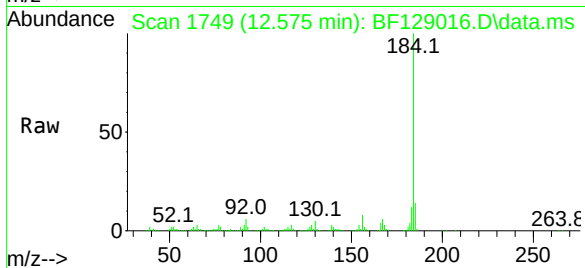
183 12.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#78

Pyrene

Concen: 48.668 ng

RT: 12.680 min Scan# 1767

Delta R.T. 0.006 min

Lab File: BF129016.D

Acq: 26 Jun 2022 20:54

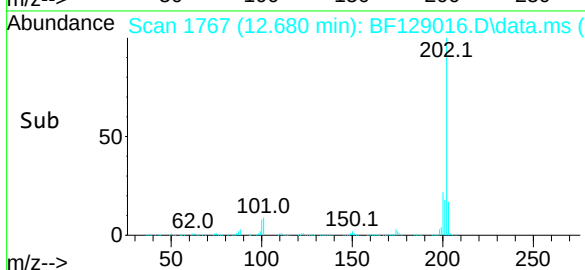
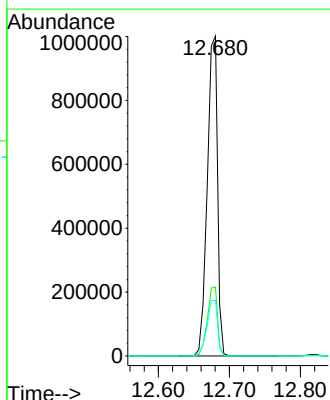
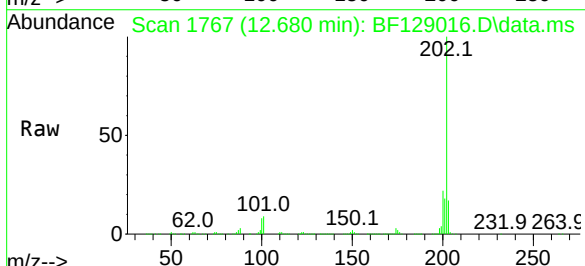
Tgt Ion:202 Resp: 1008700

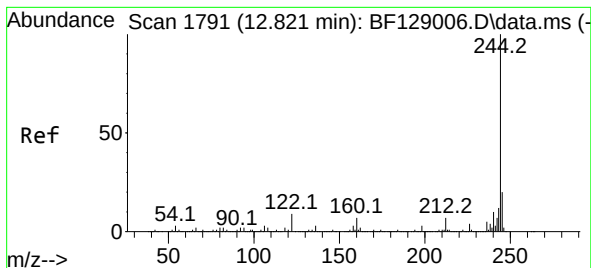
Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

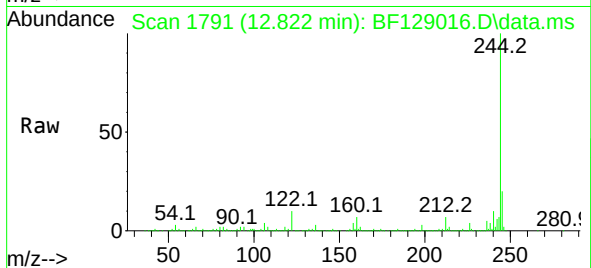
203 17.3 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 96.328 ng  
 RT: 12.822 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: BF129016.D  
 Acq: 26 Jun 2022 20:54

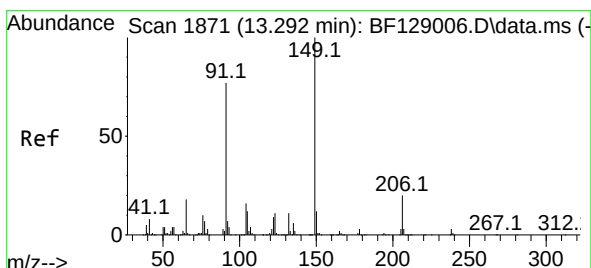
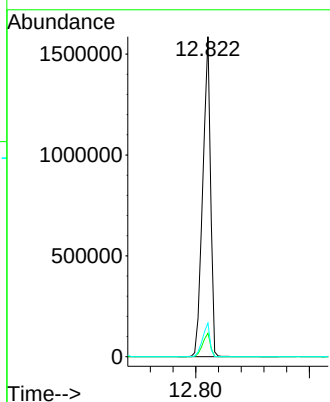
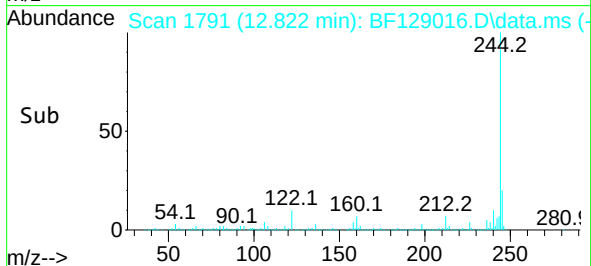
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145630BSD



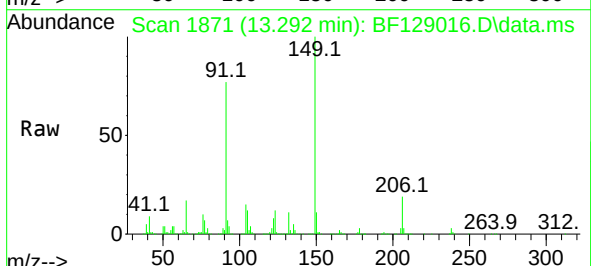
Tgt Ion:244 Resp: 1505848  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 10.5 8.8 13.2

Manual Integrations  
 APPROVED

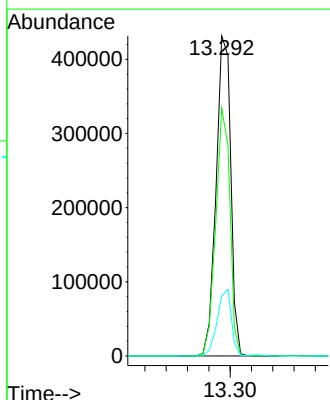
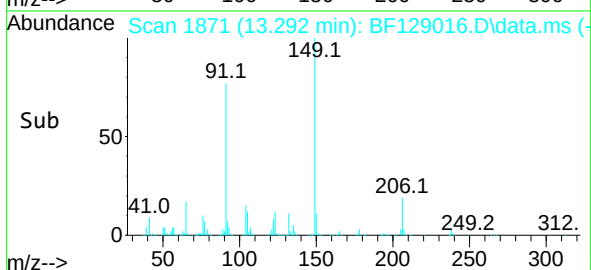
Reviewed By :Christian Giraldo 06/27/2022  
 Supervised By :Jagrut Upadhyay 06/27/2022

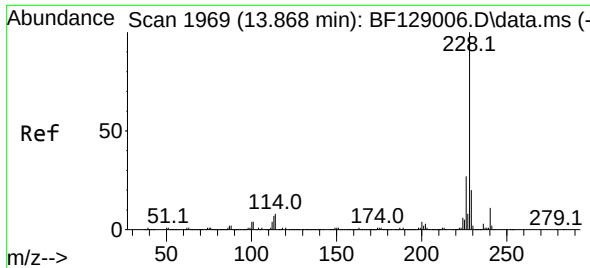


#80  
 Butylbenzylphthalate  
 Concen: 49.607 ng  
 RT: 13.292 min Scan# 1871  
 Delta R.T. 0.000 min  
 Lab File: BF129016.D  
 Acq: 26 Jun 2022 20:54



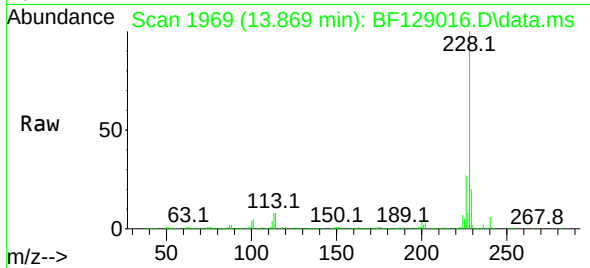
Tgt Ion:149 Resp: 412157  
 Ion Ratio Lower Upper  
 149 100  
 91 77.4 61.2 91.8  
 206 18.8 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 48.633 ng  
RT: 13.869 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

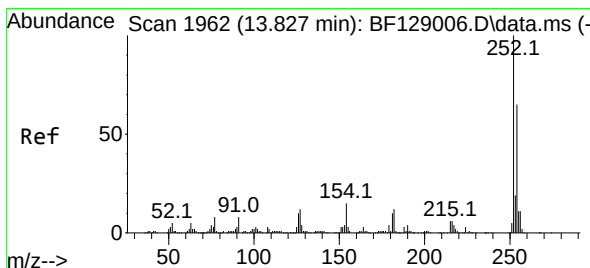
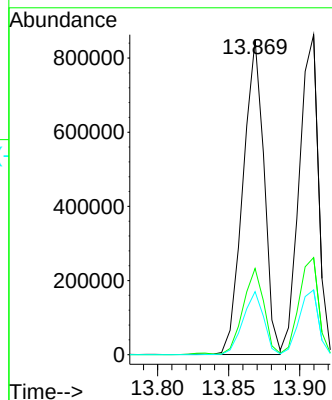
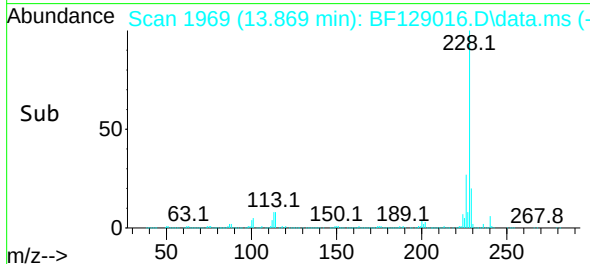
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



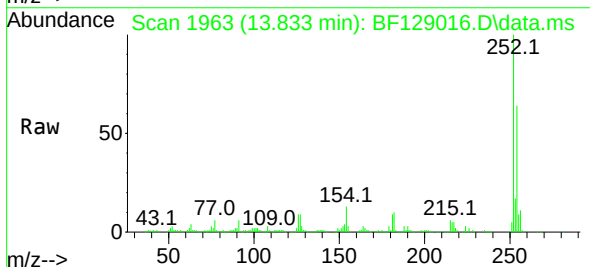
Tgt Ion:228 Resp: 874760  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.1 33.1  
229 20.0 15.8 23.8

Manual Integrations  
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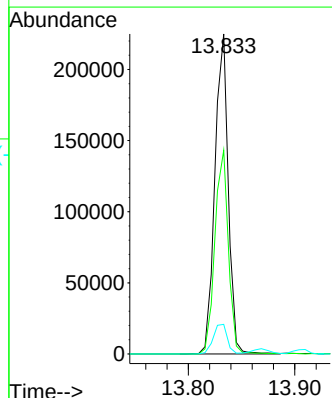
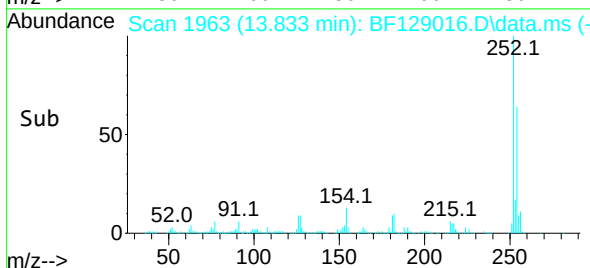
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

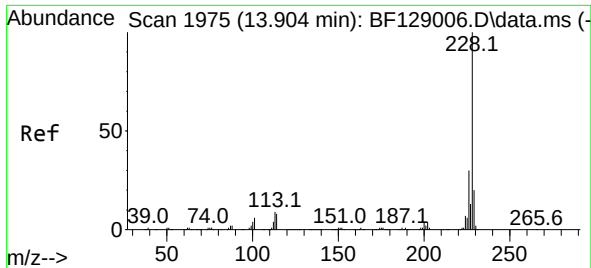


#82  
3,3'-Dichlorobenzidine  
Concen: 47.994 ng  
RT: 13.833 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



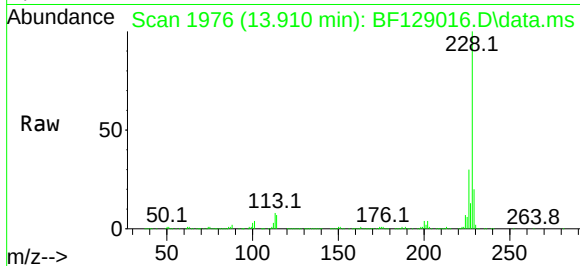
Tgt Ion:252 Resp: 195651  
Ion Ratio Lower Upper  
252 100  
254 63.6 50.2 75.4  
126 9.3 8.2 12.4





#83  
Chrysene  
Concen: 46.886 ng  
RT: 13.910 min Scan# 1975  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

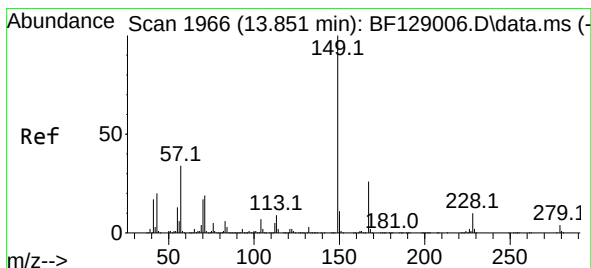
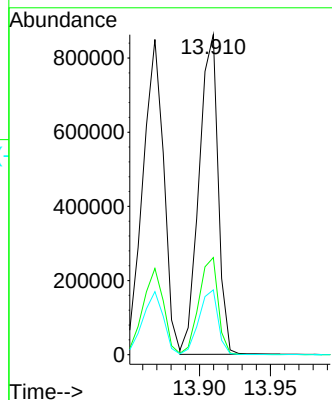
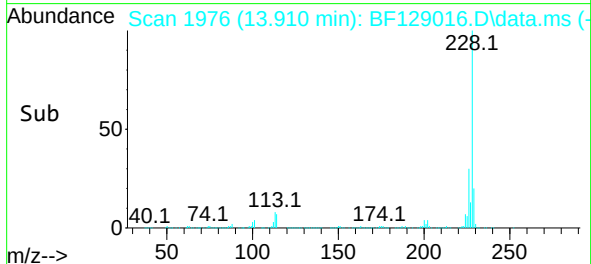
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



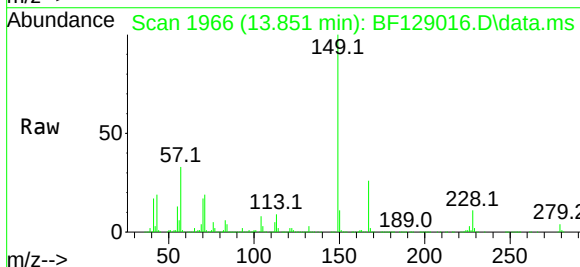
Tgt Ion:228 Resp: 806624  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.3 36.5  
229 20.3 15.9 23.9

Manual Integrations  
APPROVED

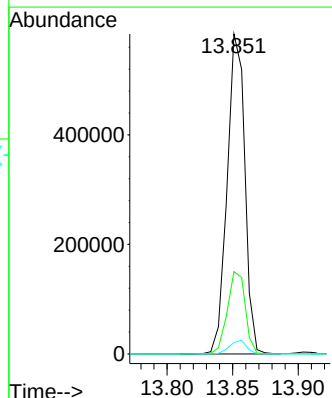
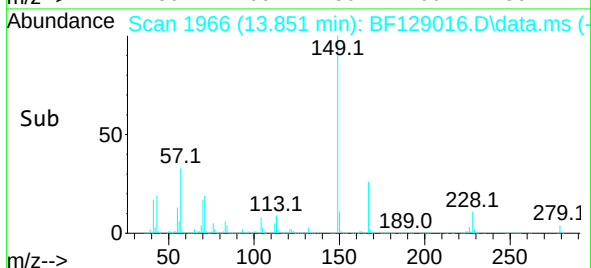
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

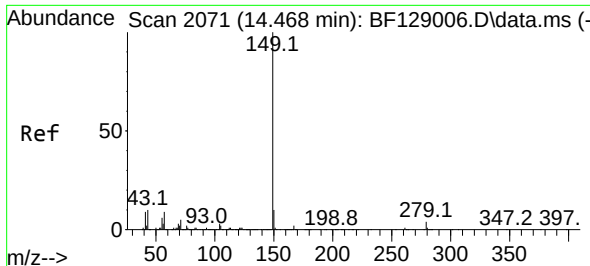


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.765 ng  
RT: 13.851 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



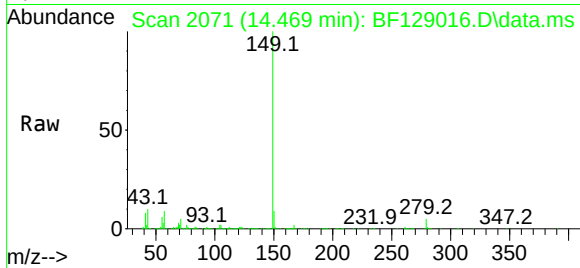
Tgt Ion:149 Resp: 547468  
Ion Ratio Lower Upper  
149 100  
167 25.7 21.0 31.4  
279 3.6 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 50.592 ng  
RT: 14.469 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

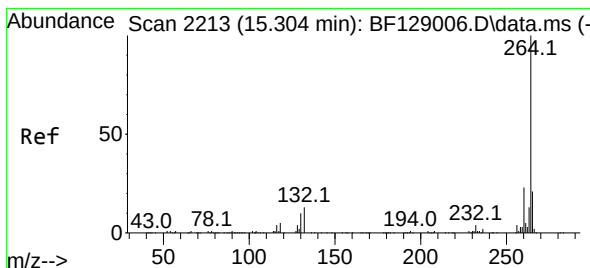
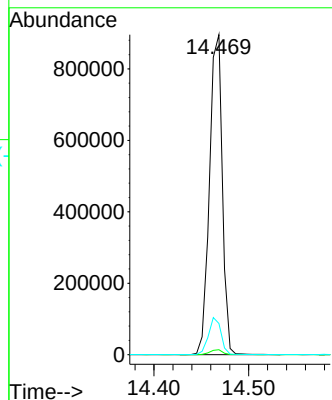
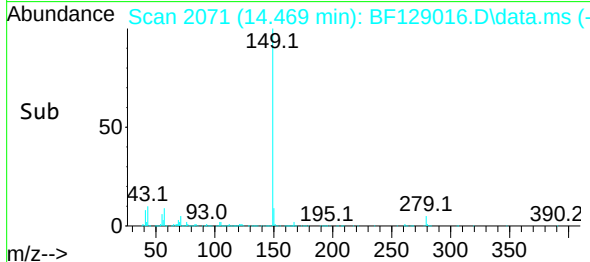
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



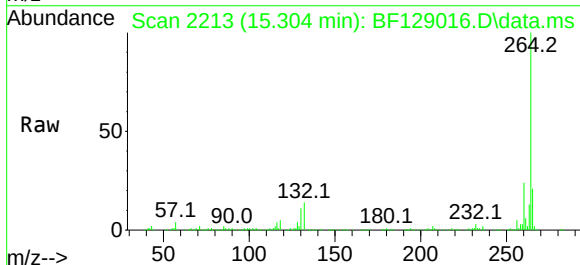
Tgt Ion:149 Resp: 840030  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.4 9.2 13.8

Manual Integrations  
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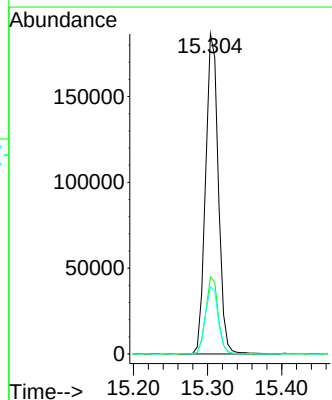
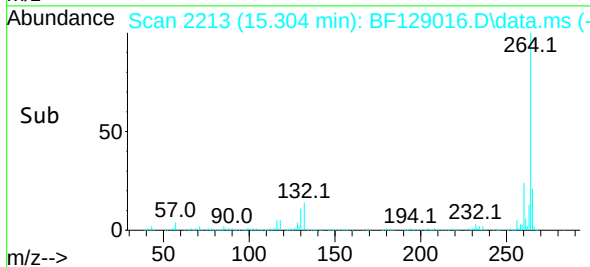
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022

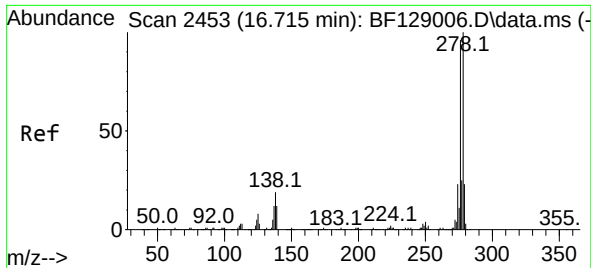


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.304 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



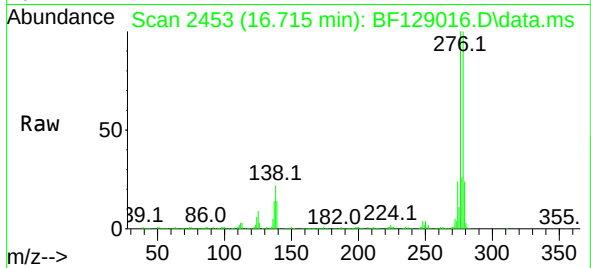
Tgt Ion:264 Resp: 223044  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.4 27.6  
265 20.9 17.2 25.8





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 62.589 ng  
 RT: 16.715 min Scan# 2453  
 Delta R.T. 0.000 min  
 Lab File: BF129016.D  
 Acq: 26 Jun 2022 20:54

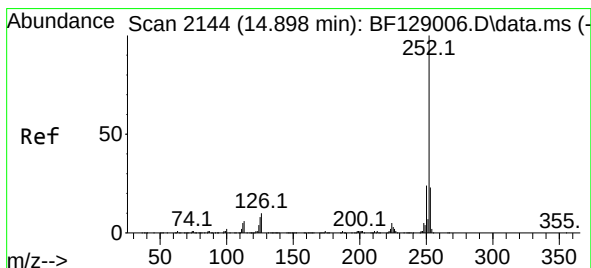
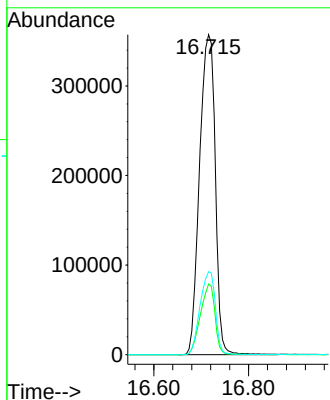
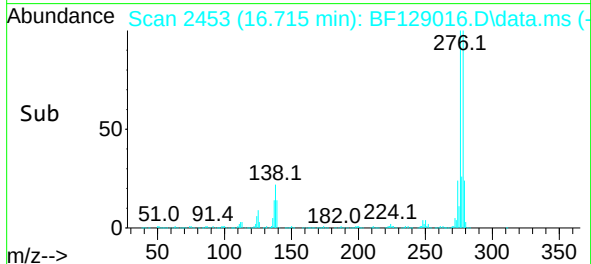
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145630BSD



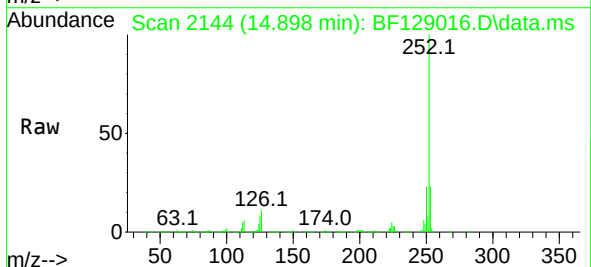
Tgt Ion: 276 Resp: 820252  
 Ion Ratio Lower Upper  
 276 100  
 138 20.4 21.1 31.7  
 277 25.4 20.3 30.5

Manual Integrations  
 APPROVED

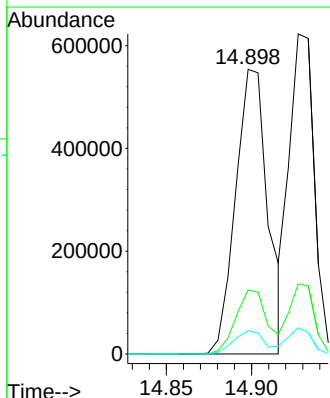
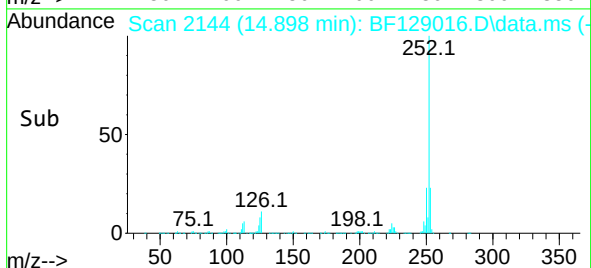
Reviewed By : Christian Giraldo 06/27/2022  
 Supervised By : Jagrut Upadhyay 06/27/2022

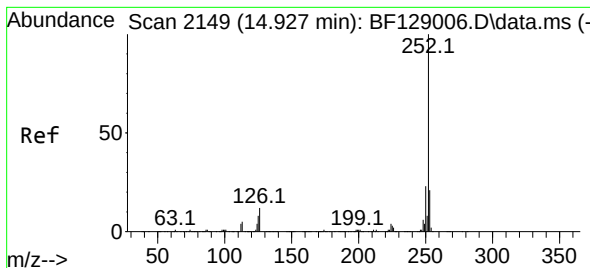


#88  
 Benzo(b)fluoranthene  
 Concen: 53.935 ng  
 RT: 14.898 min Scan# 2144  
 Delta R.T. 0.000 min  
 Lab File: BF129016.D  
 Acq: 26 Jun 2022 20:54



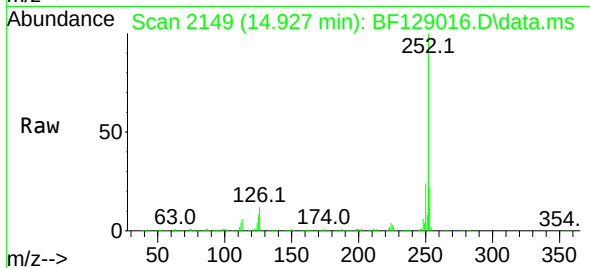
Tgt Ion: 252 Resp: 731066  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.7 26.5  
 125 8.1 8.0 12.0





#89  
Benzo(k)fluoranthene  
Concen: 47.842 ng  
RT: 14.927 min Scan# 2149  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

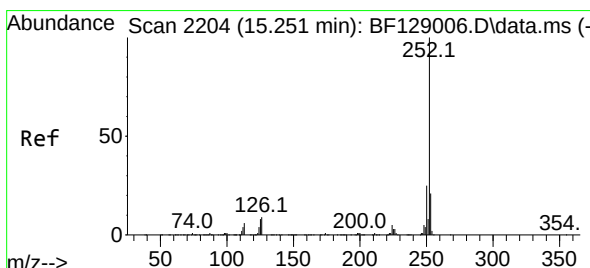
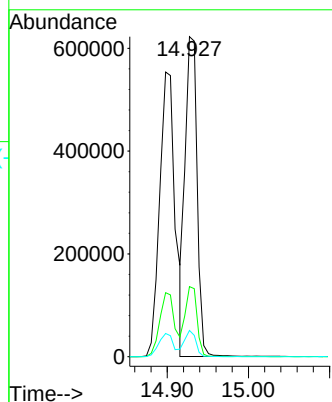
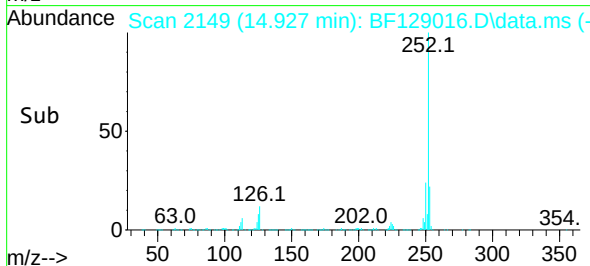
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



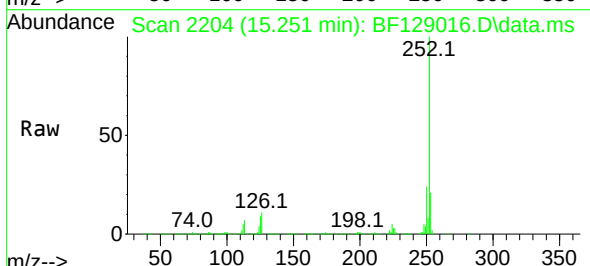
Tgt Ion:252 Resp: 638839  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.6  
125 8.2 8.3 12.5

Manual Integrations  
APPROVED

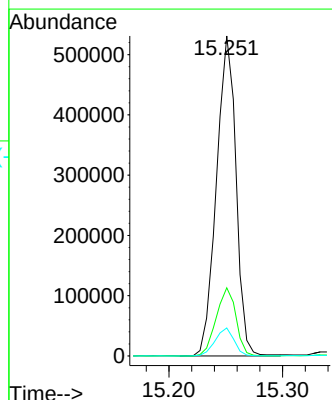
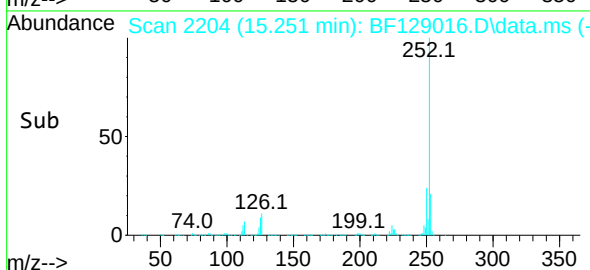
Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



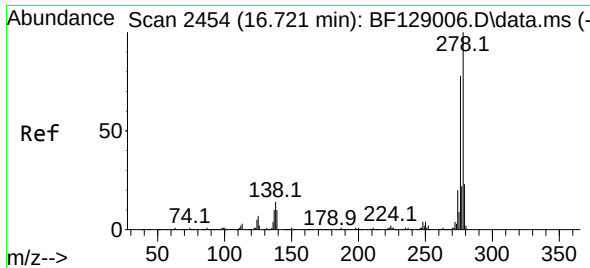
#90  
Benzo(a)pyrene  
Concen: 57.811 ng  
RT: 15.251 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:252 Resp: 635778  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.0 25.6  
125 8.7 8.8 13.2

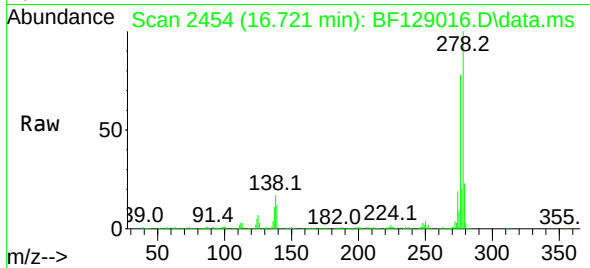






#91  
Dibenzo(a,h)anthracene  
Concen: 66.973 ng  
RT: 16.721 min Scan# 2454  
Delta R.T. 0.000 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54

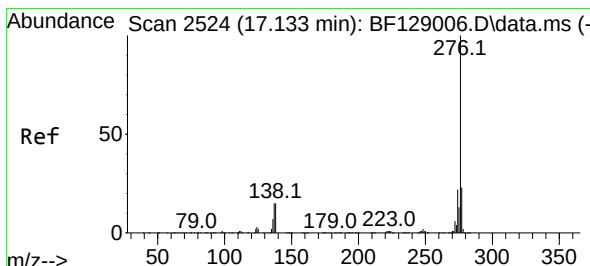
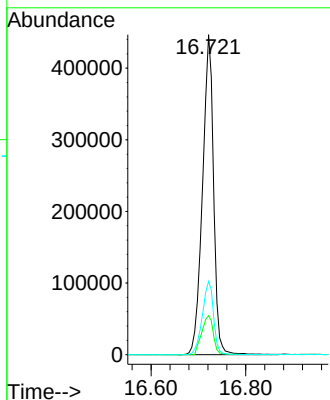
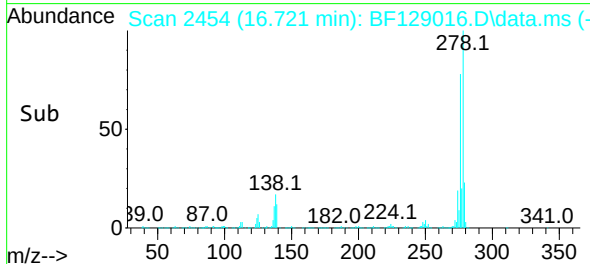
Instrument :  
BNA\_F  
ClientSampleId :  
PB145630BSD



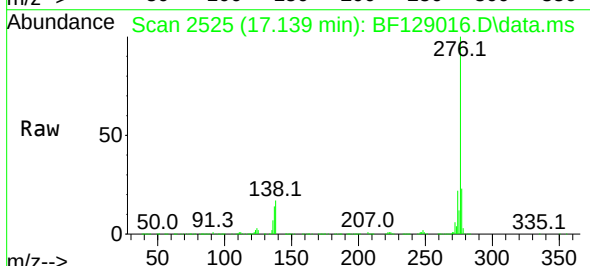
Tgt Ion:278 Resp: 72326  
Ion Ratio Lower Upper  
278 100  
139 12.2 12.8 19.2  
279 22.9 18.6 28.0

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/27/2022  
Supervised By :Jagrut Upadhyay 06/27/2022



#92  
Benzo(g,h,i)perylene  
Concen: 68.049 ng  
RT: 17.139 min Scan# 2525  
Delta R.T. 0.006 min  
Lab File: BF129016.D  
Acq: 26 Jun 2022 20:54



Tgt Ion:276 Resp: 729624  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.1 28.7  
138 17.3 18.0 27.0#

