

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041823\  
 Data File : BF132904.D  
 Acq On : 18 Apr 2023 16:55  
 Operator : CG\JU  
 Sample : 02371-18MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16-COMPMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 17:38:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 04:51:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 244894   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.051  | 136  | 982301   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 502785   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 928503   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.921 | 240  | 669371   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.351 | 264  | 655038   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 1602249  | 102.305 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.392  | 99   | 2193773  | 109.773 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 1340512  | 71.133  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 505928   | 100.324 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.127  | 172  | 2123375  | 64.878  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.868 | 244  | 2446612  | 62.359  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 328256   | 42.954  | ng    | 98       |
| 3) Pyridine                   | 3.210  | 79   | 832384   | 39.826  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.146  | 42   | 469996   | 47.326  | ng    | 98       |
| 6) Aniline                    | 6.422  | 93   | 1021574  | 38.546  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.545  | 128  | 758583   | 47.744  | ng    | 98       |
| 9) Benzaldehyde               | 6.310  | 77   | 504288   | 42.648  | ng    | 100      |
| 10) Phenol                    | 6.410  | 94   | 1063364  | 47.323  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.498  | 93   | 769246   | 45.329  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 815736   | 46.710  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 817783   | 46.734  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 788862   | 48.282  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.904  | 79   | 667202   | 48.715  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 1364385  | 46.464  | ng    | 99       |
| 17) 2-Methylphenol            | 7.016  | 107  | 644587   | 44.293  | ng    | 98       |
| 18) Hexachloroethane          | 7.281  | 117  | 282022   | 46.439  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.181  | 70   | 555146   | 44.503  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 775314   | 45.075  | ng    | # 80     |
| 22) Acetophenone              | 7.175  | 105  | 1037715  | 45.032  | ng    | # 98     |
| 24) Nitrobenzene              | 7.345  | 77   | 840474   | 43.512  | ng    | 98       |
| 25) Isophorone                | 7.586  | 82   | 1544879  | 43.218  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.663  | 139  | 376535   | 51.674  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 688402   | 46.313  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.804  | 93   | 918502   | 42.976  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 625034   | 45.176  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.992  | 180  | 662215   | 44.329  | ng    | 99       |
| 31) Naphthalene               | 8.069  | 128  | 2175080  | 43.818  | ng    | 99       |
| 32) Benzoic acid              | 7.810  | 122  | 325722   | 43.698  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.116  | 127  | 339521   | 16.700  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.192  | 225  | 361097   | 42.252  | ng    | 98       |
| 35) Caprolactam               | 8.492  | 113  | 224285m  | 54.436  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 672534   | 46.312  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.763  | 142  | 1416941  | 41.471  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.863  | 142  | 1329068  | 41.748  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.933  | 216  | 608724   | 42.804  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 683976   | 91.250  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 420532   | 46.649  | ng    | 98       |

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Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

Reviewed By : Yogesh Patel 04/19/2023  
 Supervised By : Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 17:38:45 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 04:51:21 2023  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 455643   | 43.224  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.227  | 154  | 1756770  | 44.076  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 1316542  | 44.636  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.345  | 65   | 431548   | 50.575  | ng    | 92       |
| 49) Acenaphthylene            | 9.663  | 152  | 2071801  | 44.040  | ng    | 99       |
| 50) Dimethylphthalate         | 9.527  | 163  | 1560042  | 44.879  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 349470   | 45.855  | ng    | 92       |
| 52) Acenaphthene              | 9.839  | 154  | 1432975  | 47.269  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.751  | 138  | 288222   | 33.234  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.857  | 184  | 303766   | 102.318 | ng    | 93       |
| 55) Dibenzofuran              | 10.010 | 168  | 1883102  | 43.782  | ng    | 98       |
| 56) 4-Nitrophenol             | 9.910  | 139  | 683031   | 106.023 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 478691   | 50.892  | ng    | 89       |
| 58) Fluorene                  | 10.351 | 166  | 1403678  | 44.552  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.122 | 232  | 390962   | 47.788  | ng    | 99       |
| 60) Diethylphthalate          | 10.233 | 149  | 1469314  | 45.235  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 687916   | 42.927  | ng    | 95       |
| 62) 4-Nitroaniline            | 10.369 | 138  | 409989   | 49.185  | ng    | 94       |
| 63) Azobenzene                | 10.504 | 77   | 1731488  | 47.721  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.392 | 198  | 214501   | 48.238  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.463 | 169  | 1289531  | 42.643  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.833 | 248  | 445791   | 42.045  | ng    | 95       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 497205   | 45.201  | ng    | 94       |
| 69) Atrazine                  | 10.992 | 200  | 436035   | 51.588  | ng    | 98       |
| 70) Pentachlorophenol         | 11.092 | 266  | 588262   | 82.875  | ng    | 99       |
| 71) Phenanthrene              | 11.310 | 178  | 2184148  | 43.733  | ng    | 99       |
| 72) Anthracene                | 11.363 | 178  | 2230933  | 43.636  | ng    | 99       |
| 73) Carbazole                 | 11.516 | 167  | 2038558  | 46.082  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 2300455  | 48.510  | ng    | 99       |
| 75) Fluoranthene              | 12.498 | 202  | 2351107  | 47.339  | ng    | 98       |
| 77) Benzidine                 | 12.621 | 184  | 1230403  | 117.999 | ng    | 97       |
| 78) Pyrene                    | 12.721 | 202  | 2437142  | 44.527  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.351 | 149  | 693549   | 52.026  | ng    | 92       |
| 81) Benzo(a)anthracene        | 13.910 | 228  | 2063301  | 45.325  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.874 | 252  | 418703   | 38.024  | ng    | 99       |
| 83) Chrysene                  | 13.951 | 228  | 1937116  | 42.813  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.915 | 149  | 1020325  | 58.933  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 1951313  | 51.341  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.751 | 276  | 1957664  | 52.303  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.945 | 252  | 1943252  | 47.626  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.974 | 252  | 1752460  | 43.115  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.292 | 252  | 1610370  | 43.200  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.768 | 278  | 1624470  | 50.937  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.174 | 276  | 1608205  | 52.667  | ng    | 99       |

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

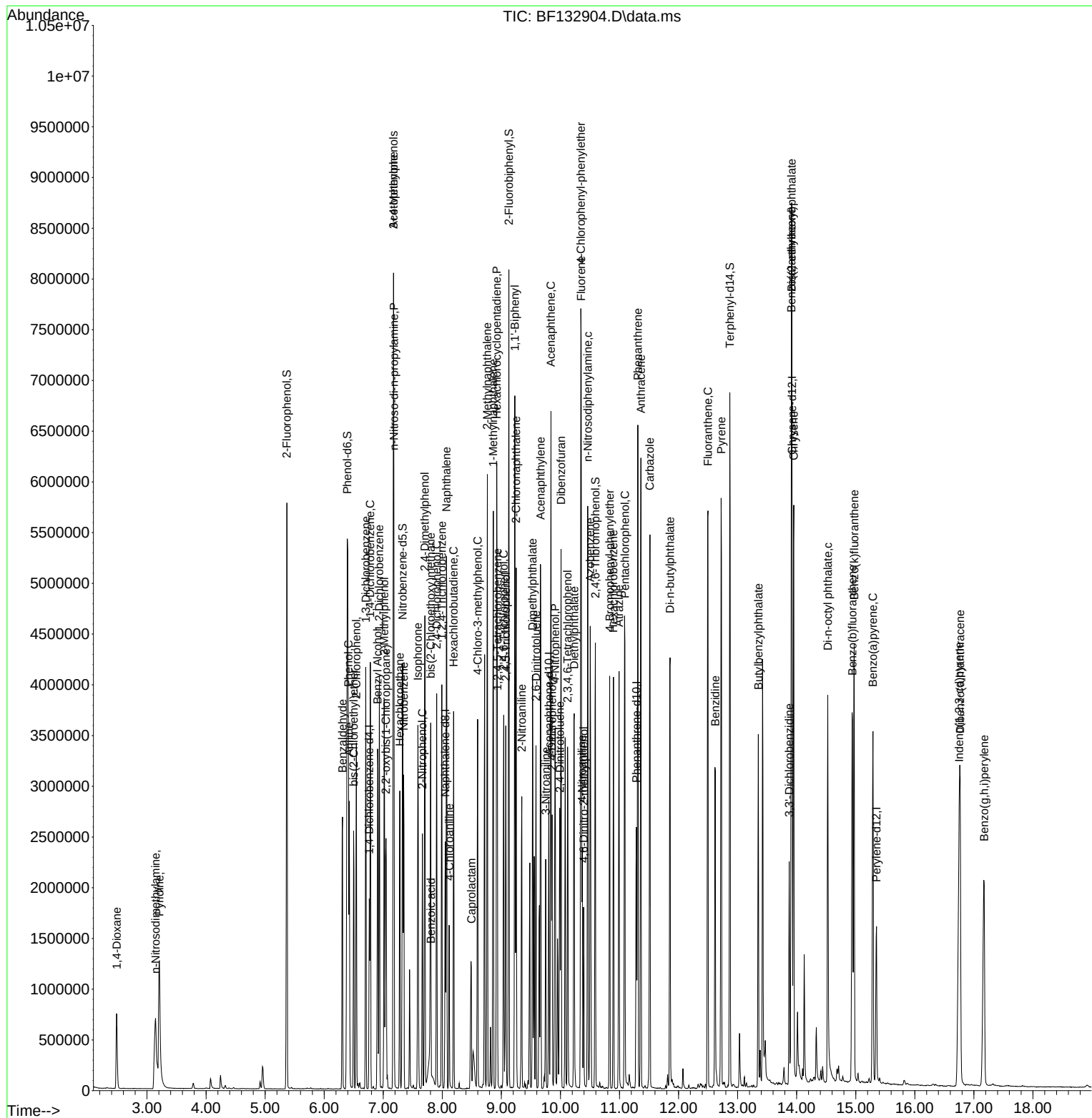
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041823\  
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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

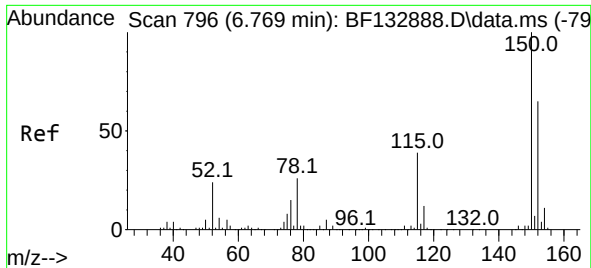
Instrument :  
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 SB-16-COMPMS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023

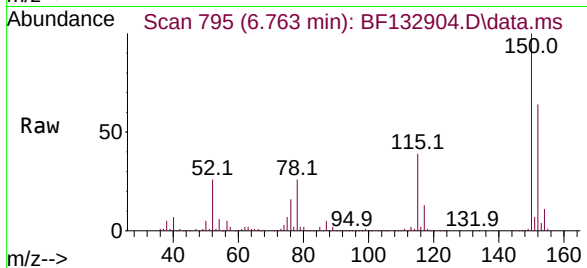
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

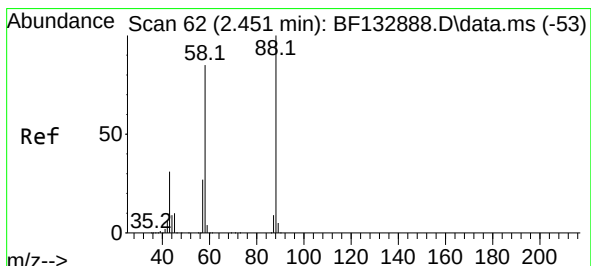
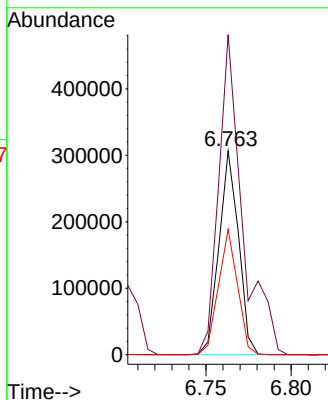
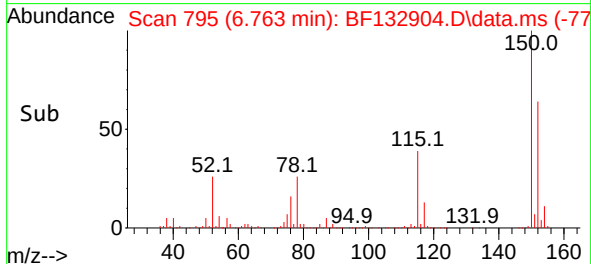
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16-COMPMS



Tgt Ion: 152 Resp: 244894  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 122.8 184.2  
 115 61.5 47.3 70.9

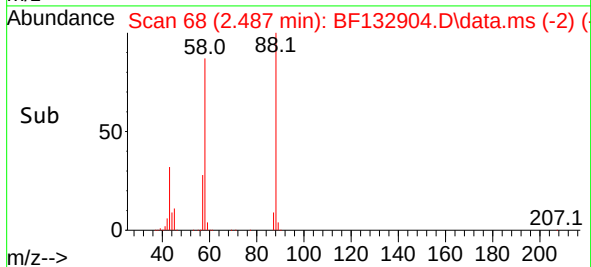
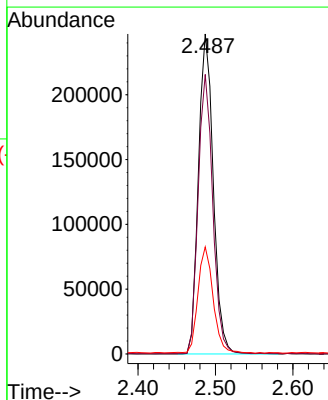
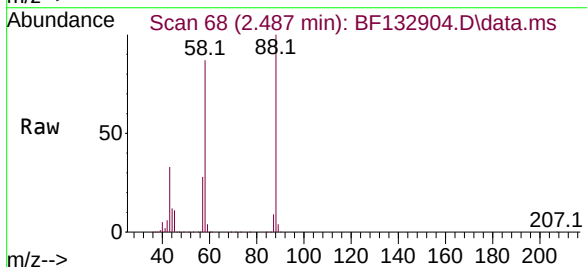
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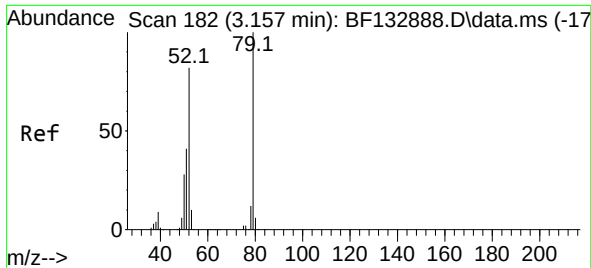
Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



#2  
 1,4-Dioxane  
 Concen: 42.954 ng  
 RT: 2.487 min Scan# 68  
 Delta R.T. 0.035 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

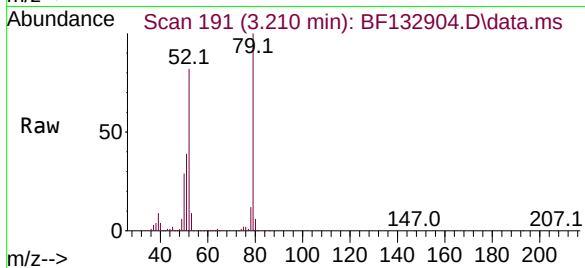
Tgt Ion: 88 Resp: 328256  
 Ion Ratio Lower Upper  
 88 100  
 58 85.8 67.8 101.6  
 43 34.1 25.4 38.0





#3  
Pyridine  
Concen: 39.826 ng  
RT: 3.210 min Scan# 180  
Delta R.T. 0.053 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

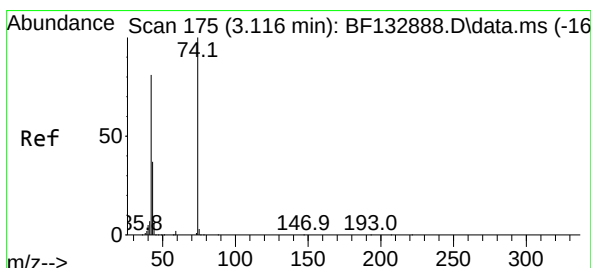
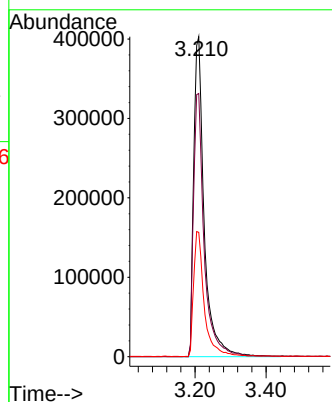
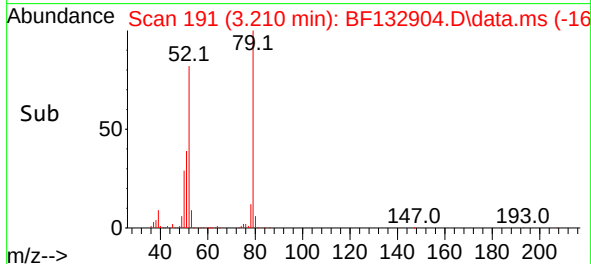
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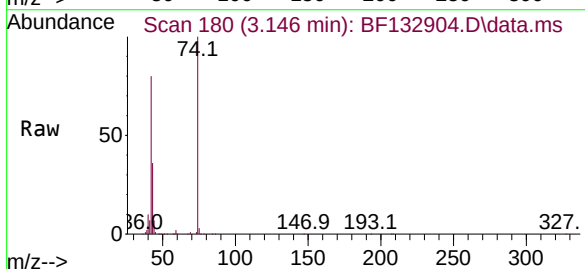
Tgt Ion: 79 Resp: 832384  
Ion Ratio Lower Upper  
79 100  
52 82.3 65.4 98.0  
51 38.8 32.6 48.8

Manual Integrations  
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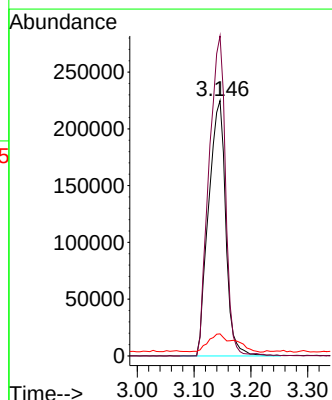
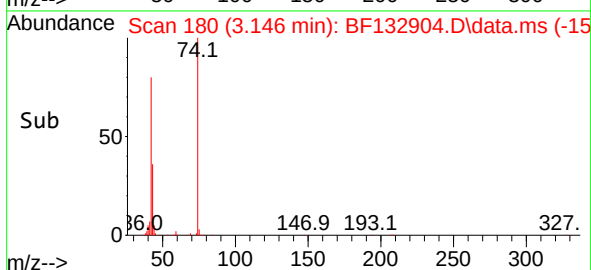
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

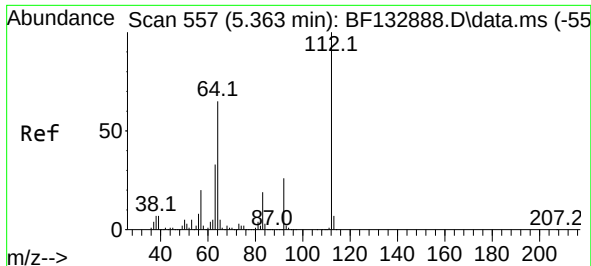


#4  
n-Nitrosodimethylamine  
Concen: 47.326 ng  
RT: 3.146 min Scan# 180  
Delta R.T. 0.029 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



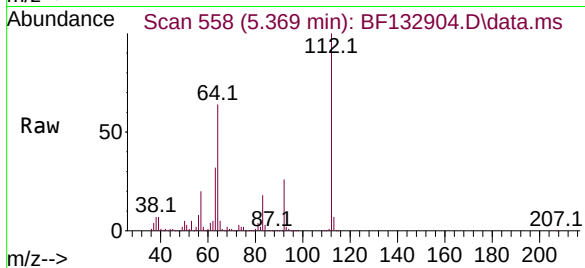
Tgt Ion: 42 Resp: 469996  
Ion Ratio Lower Upper  
42 100  
74 125.3 98.4 147.6  
44 8.7 6.1 9.1





#5  
2-Fluorophenol  
Concen: 102.305 ng  
RT: 5.369 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

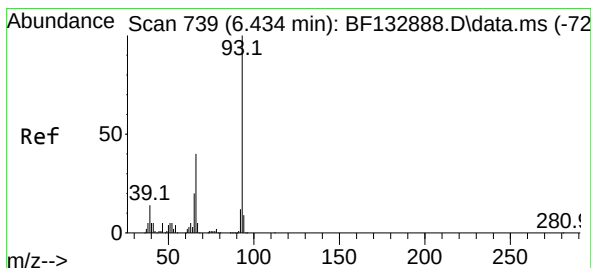
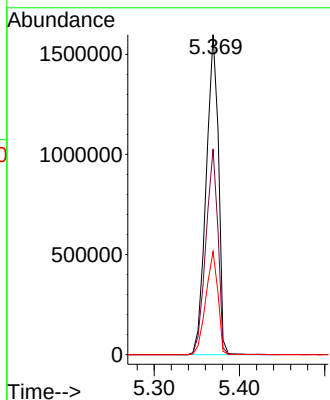
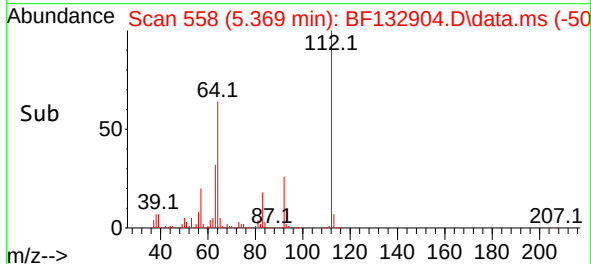
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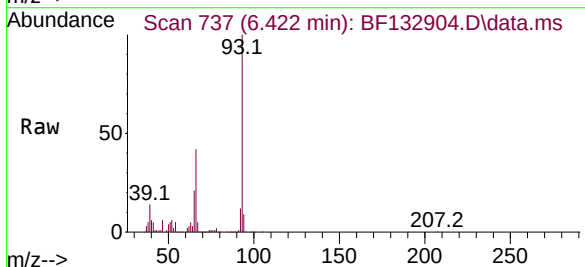
Tgt Ion: 112 Resp: 1602249  
Ion Ratio Lower Upper  
112 100  
64 64.3 51.8 77.8  
63 32.3 26.3 39.5

Manual Integrations  
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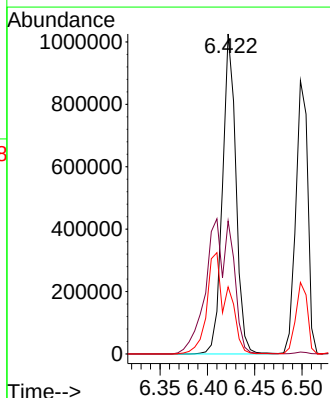
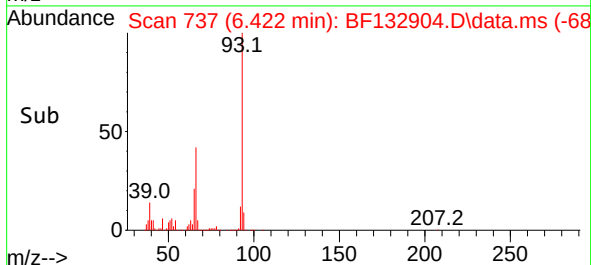
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Supervised By :Jagrut Upadhyay 04/19/2023

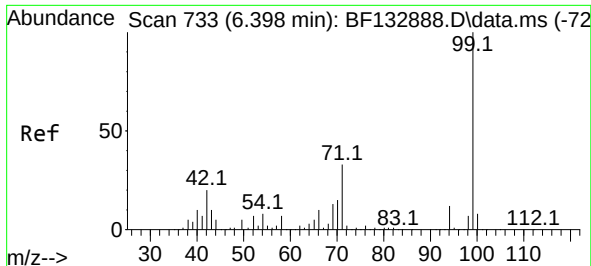


#6  
Aniline  
Concen: 38.546 ng  
RT: 6.422 min Scan# 737  
Delta R.T. -0.012 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion: 93 Resp: 1021574  
Ion Ratio Lower Upper  
93 100  
66 41.6 31.8 47.6  
65 21.0 16.3 24.5





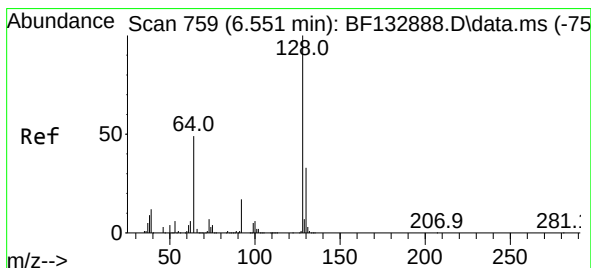
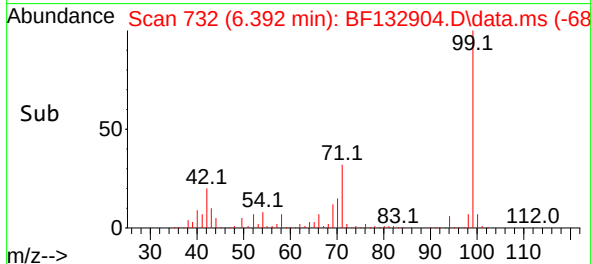
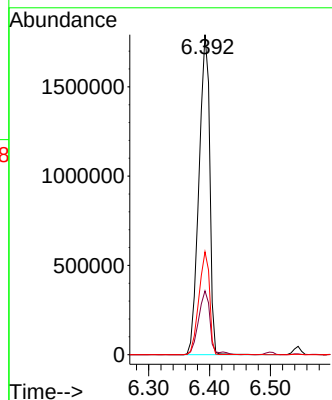
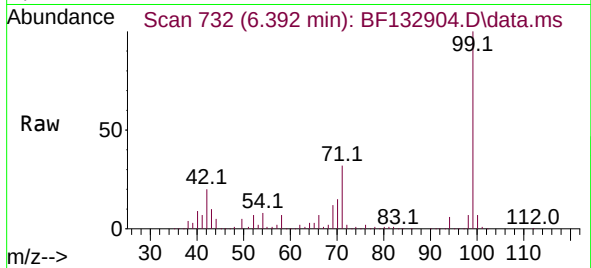
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Phenol-d6  
Concen: 109.773 ng  
RT: 6.392 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :  
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Tgt Ion: 99 Resp: 219377  
Ion Ratio Lower Upper  
99 100  
42 20.0 16.1 24.1  
71 32.1 26.1 39.1

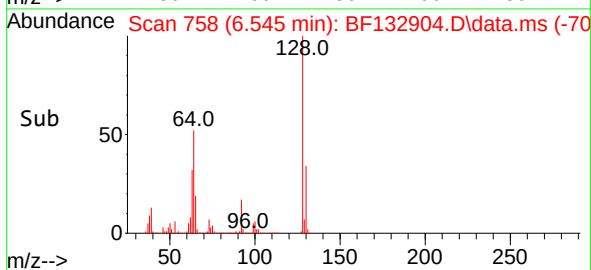
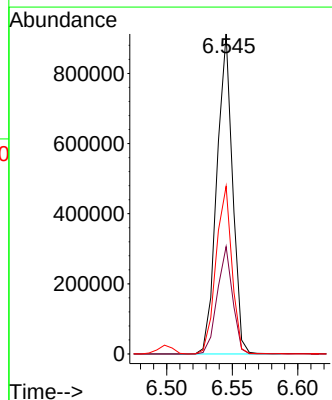
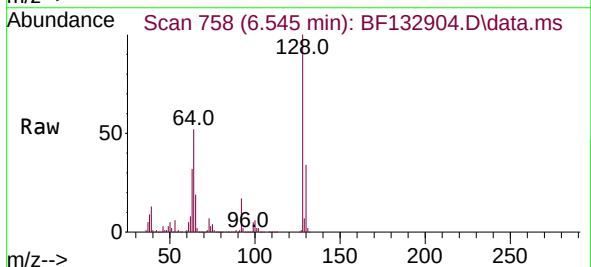
Manual Integrations  
APPROVED

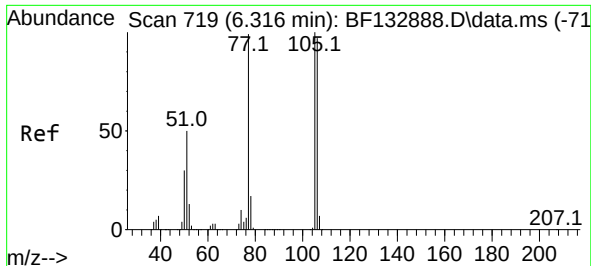
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#8  
2-Chlorophenol  
Concen: 47.744 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

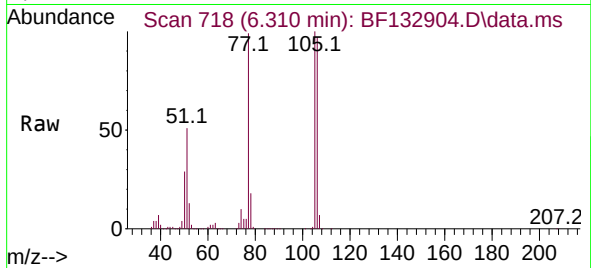
Tgt Ion:128 Resp: 758583  
Ion Ratio Lower Upper  
128 100  
130 33.5 13.2 53.2  
64 52.4 30.9 70.9





#9  
Benzaldehyde  
Concen: 42.648 ng  
RT: 6.310 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

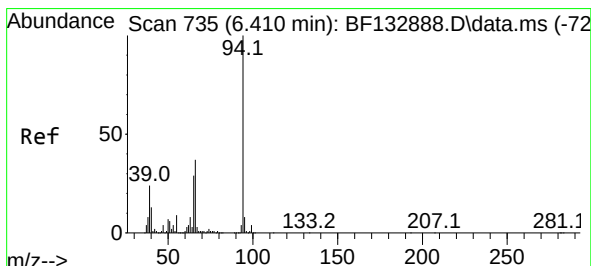
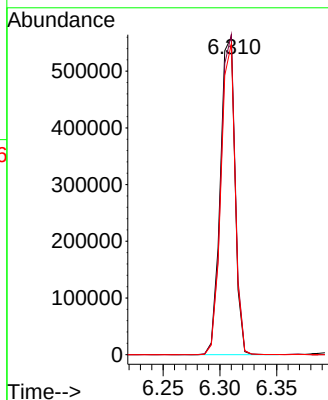
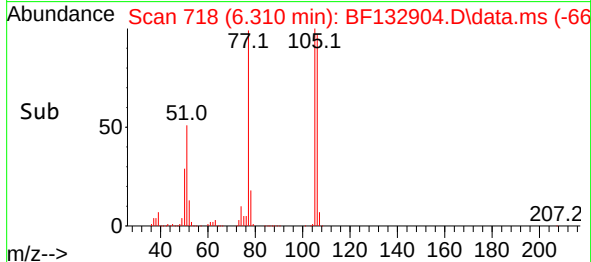
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion: 77 Resp: 504288  
Ion Ratio Lower Upper  
77 100  
105 100.7 80.8 120.8  
106 97.8 77.9 117.9

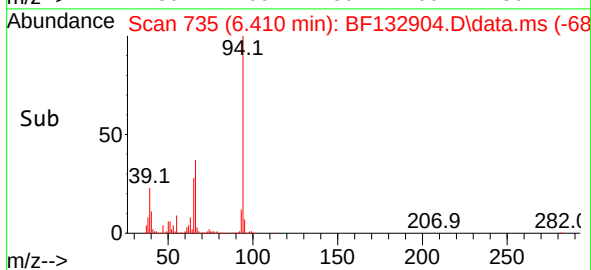
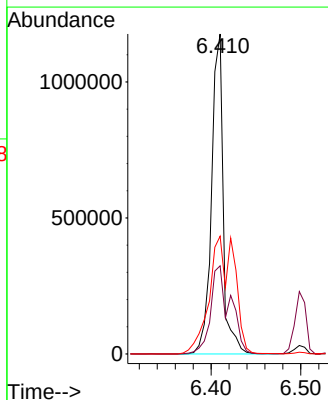
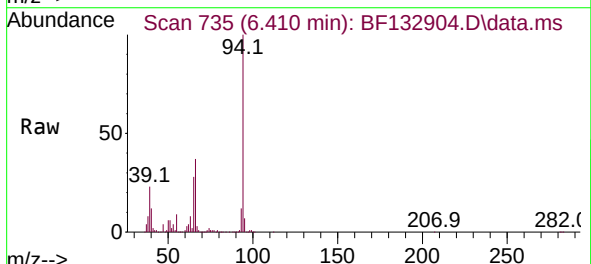
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

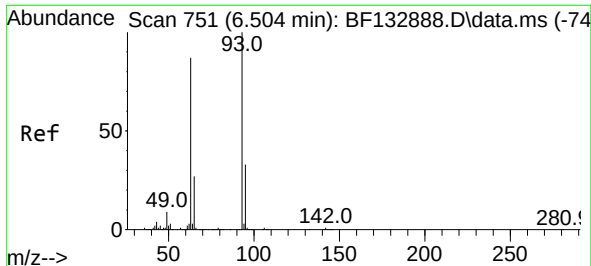


#10  
Phenol  
Concen: 47.323 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion: 94 Resp: 1063364  
Ion Ratio Lower Upper  
94 100  
65 27.6 9.0 49.0  
66 36.8 17.1 57.1

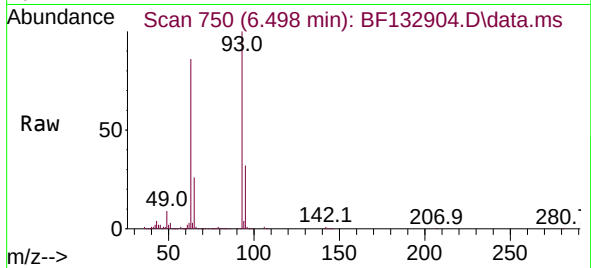






#11  
bis(2-Chloroethyl)ether  
Concen: 45.329 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

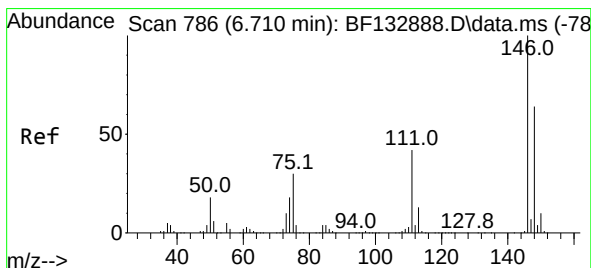
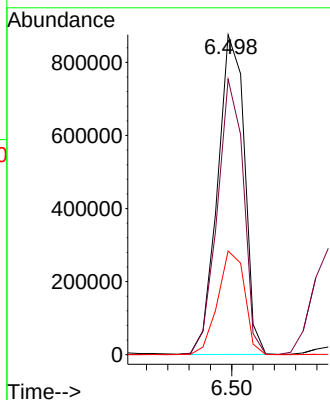
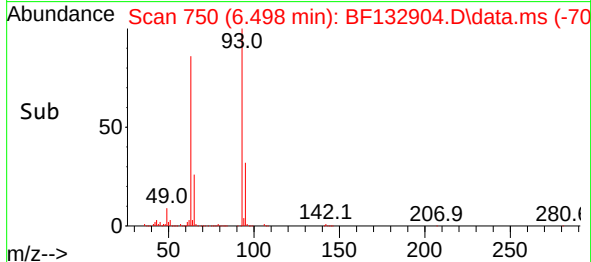
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion: 93 Resp: 769240  
Ion Ratio Lower Upper  
93 100  
63 86.1 66.7 106.7  
95 32.4 12.8 52.8

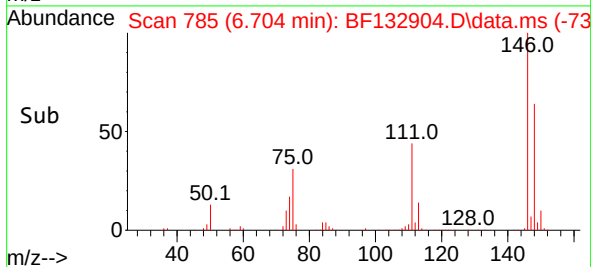
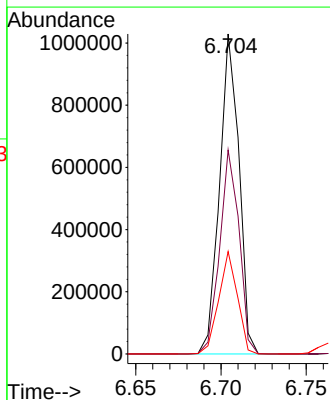
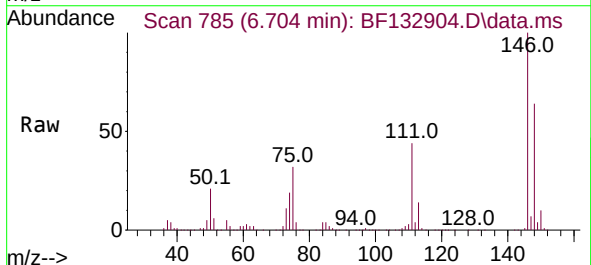
Manual Integrations  
APPROVED

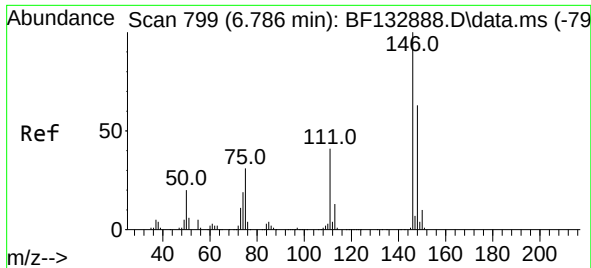
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#12  
1,3-Dichlorobenzene  
Concen: 46.710 ng  
RT: 6.704 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:146 Resp: 815736  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.1 76.7  
75 32.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 46.734 ng

RT: 6.781 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:146 Resp: 81778

Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

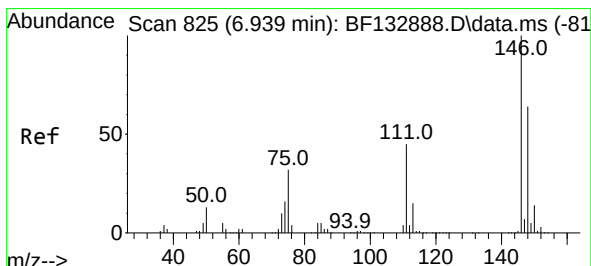
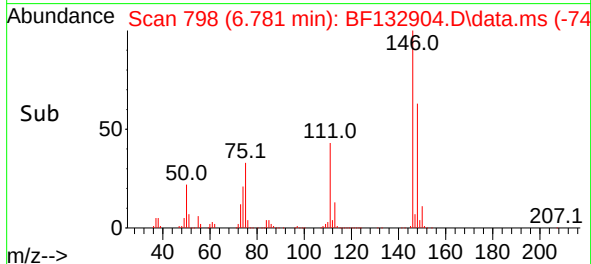
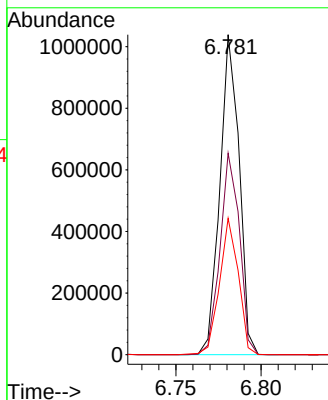
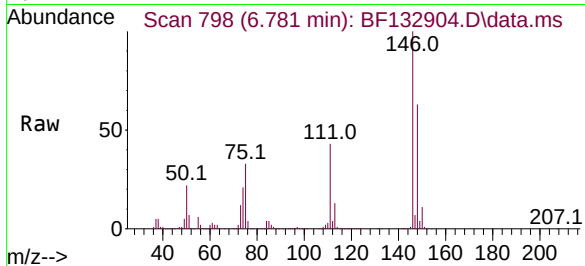
111 42.6 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#14

1,2-Dichlorobenzene

Concen: 48.282 ng

RT: 6.934 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

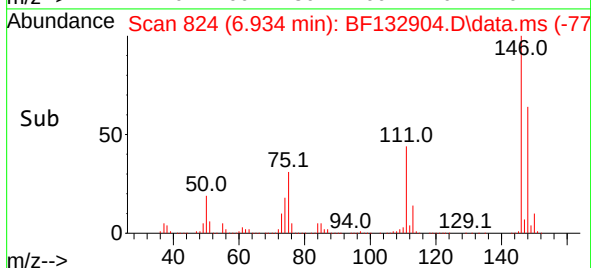
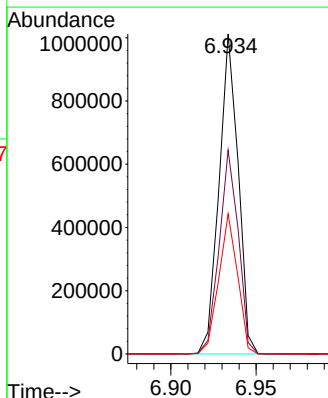
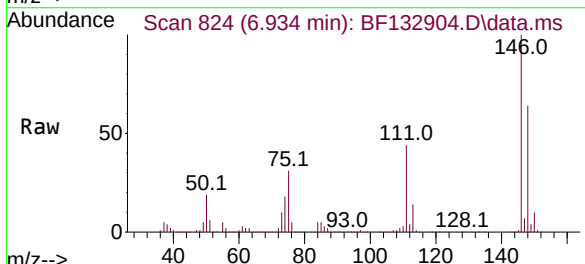
Tgt Ion:146 Resp: 788862

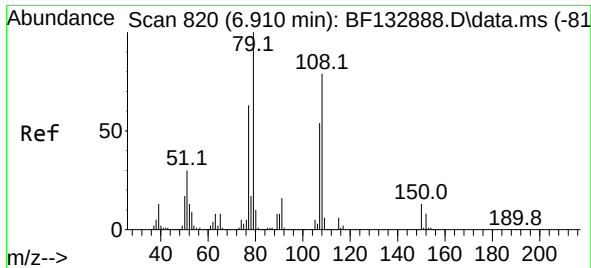
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

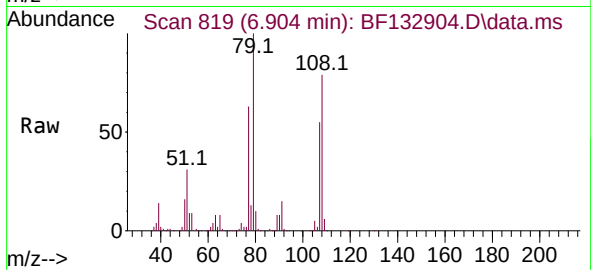
111 43.8 36.0 54.0





#15  
Benzyl Alcohol  
Concen: 48.715 ng  
RT: 6.904 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

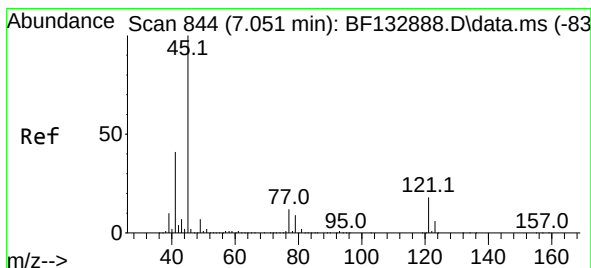
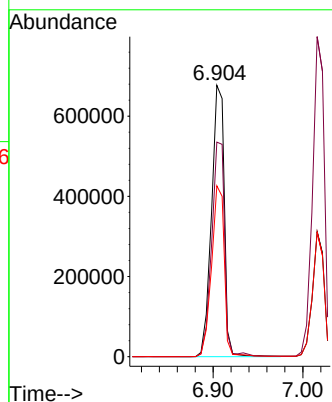
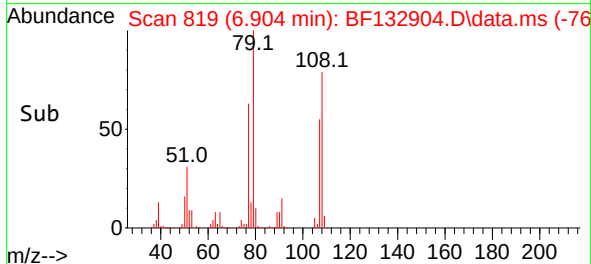
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion: 79 Resp: 66720  
Ion Ratio Lower Upper  
79 100  
108 79.1 63.0 94.6  
77 63.0 50.4 75.6

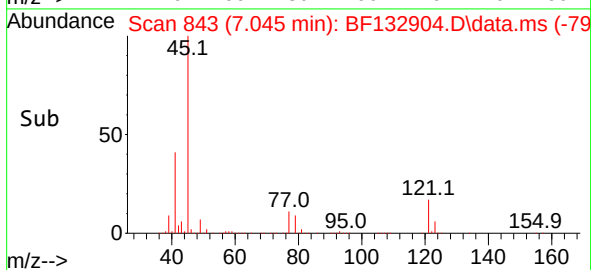
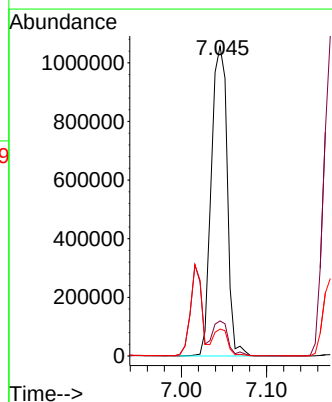
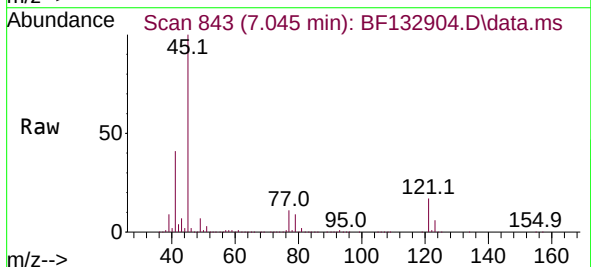
Manual Integrations  
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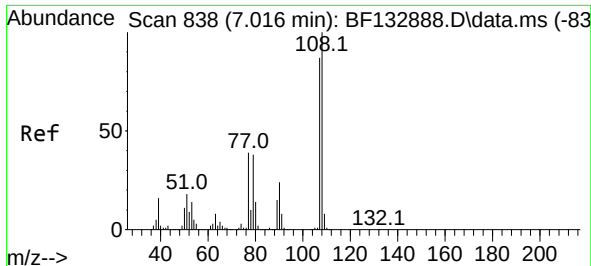
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.464 ng  
RT: 7.045 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

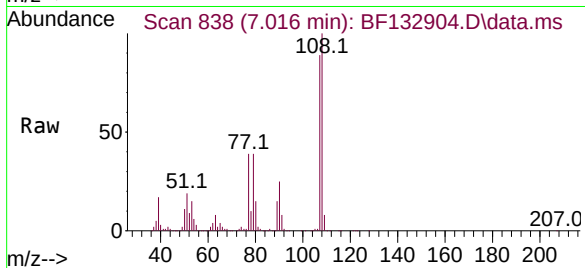
Tgt Ion: 45 Resp: 1364385  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 31.6  
79 8.7 0.0 29.2





#17  
2-Methylphenol  
Concen: 44.293 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

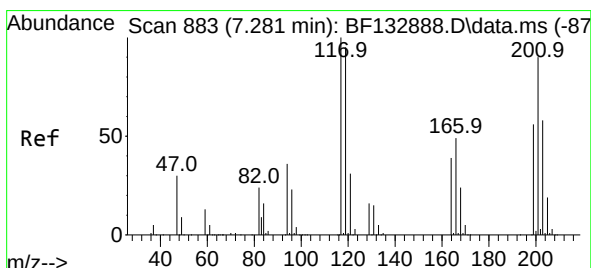
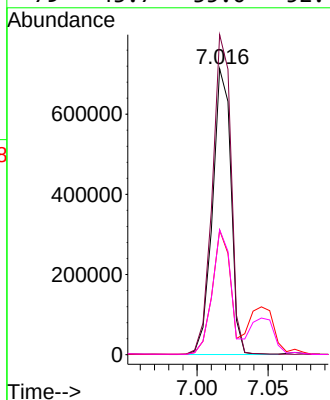
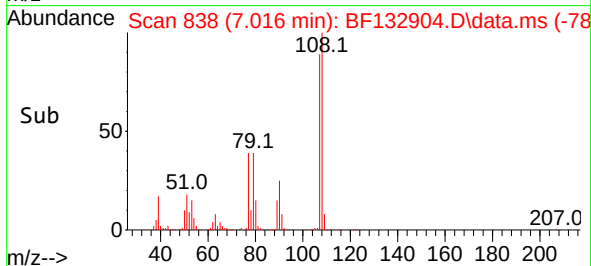
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:107 Resp: 64458  
Ion Ratio Lower Upper  
107 100  
108 111.9 91.7 137.5  
77 43.5 35.8 53.8  
79 43.7 35.0 52.4

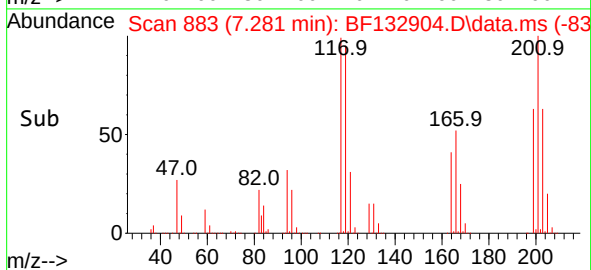
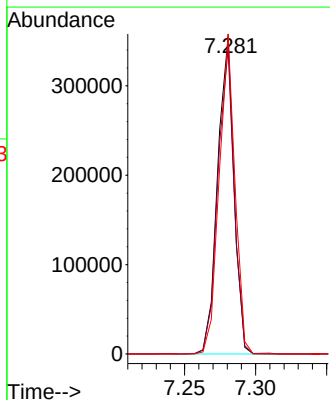
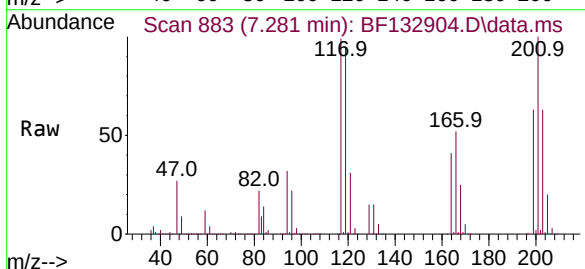
Manual Integrations  
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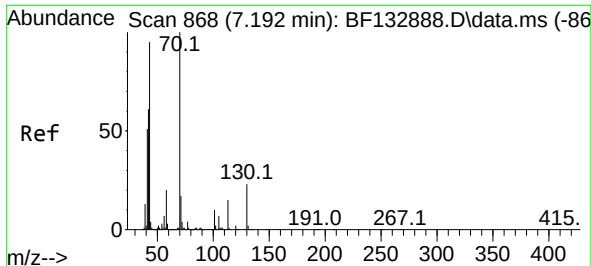
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#18  
Hexachloroethane  
Concen: 46.439 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:117 Resp: 282022  
Ion Ratio Lower Upper  
117 100  
119 96.2 76.1 114.1  
201 100.8 71.8 107.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.503 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion: 70 Resp: 55514

Ion Ratio Lower Upper

70 100

42 65.3 49.0 73.6

101 9.5 8.1 12.1

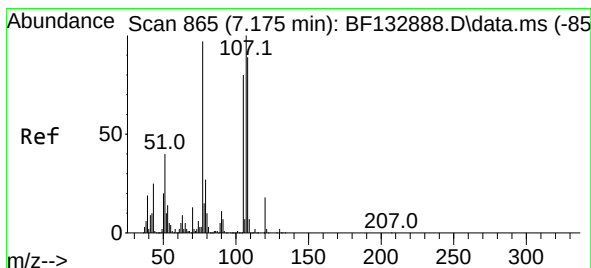
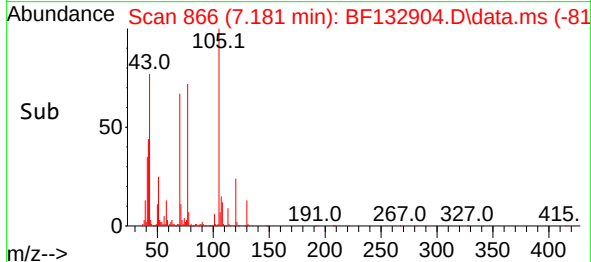
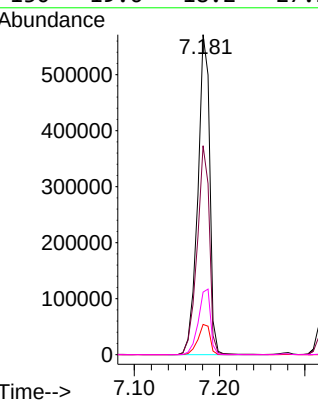
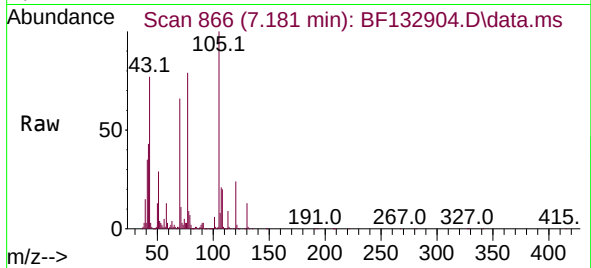
130 19.6 18.2 27.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#20

3+4-Methylphenols

Concen: 45.075 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Tgt Ion:107 Resp: 775314

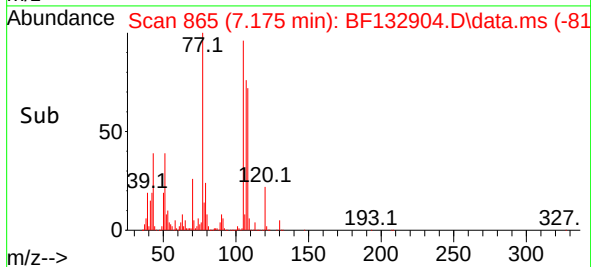
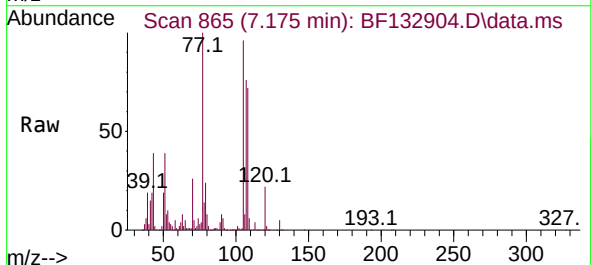
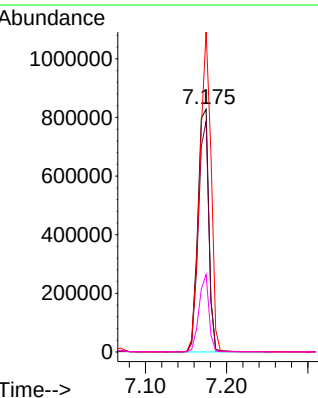
Ion Ratio Lower Upper

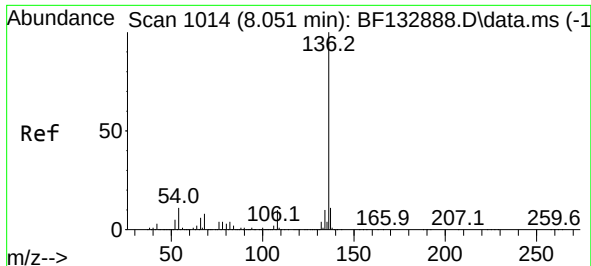
107 100

108 95.2 68.5 108.5

77 131.9 77.1 117.1#

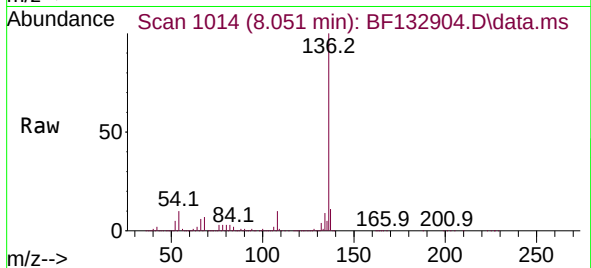
79 31.9 7.4 47.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

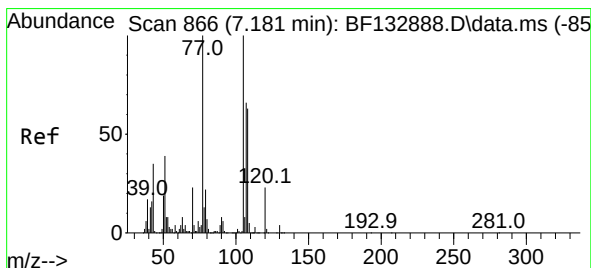
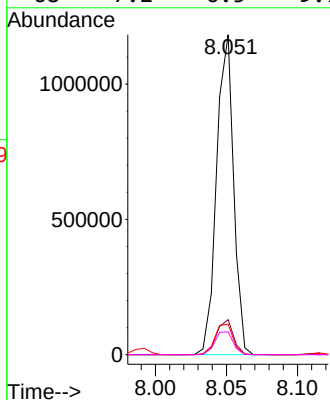
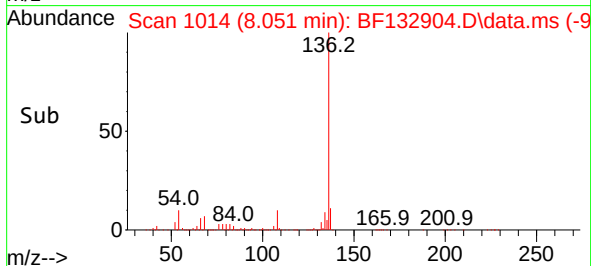
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:136 Resp: 982300  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.4  
54 9.5 8.9 13.3  
68 7.2 6.5 9.7

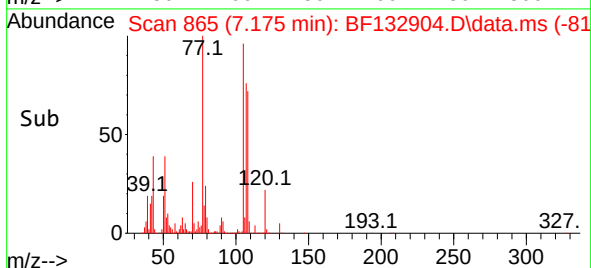
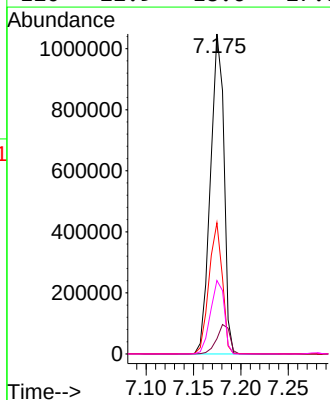
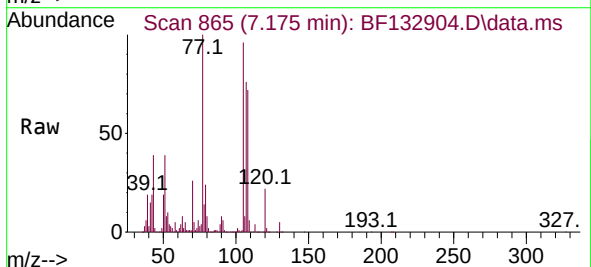
Manual Integrations  
APPROVED

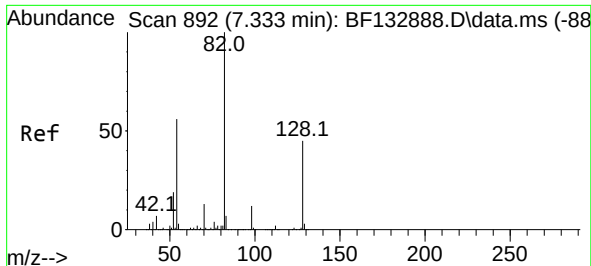
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#22  
Acetophenone  
Concen: 45.032 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:105 Resp: 1037715  
Ion Ratio Lower Upper  
105 100  
71 4.8 3.1 4.7#  
51 41.0 31.4 47.2  
120 22.9 18.6 27.8





#23

Nitrobenzene-d5

Concen: 71.133 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion: 82 Resp: 1340512

Ion Ratio Lower Upper

82 100

128 44.3 35.7 53.5

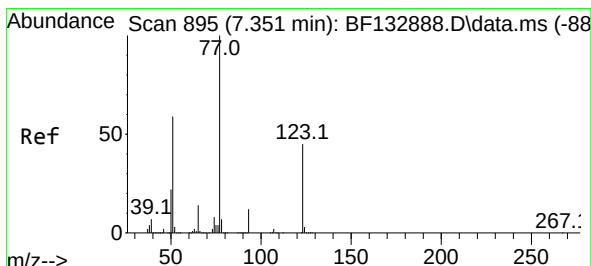
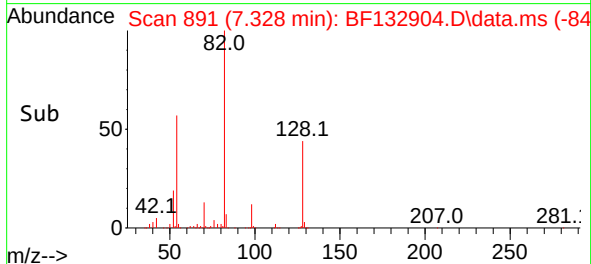
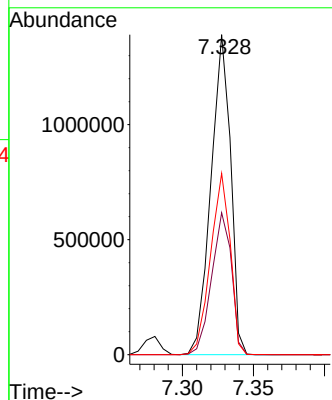
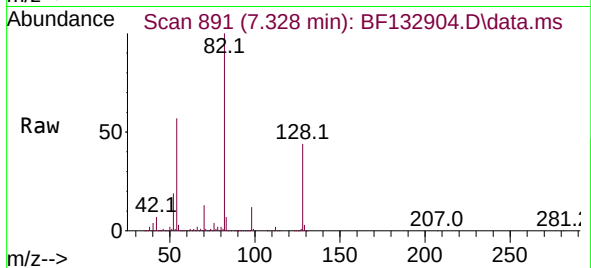
54 56.6 44.7 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#24

Nitrobenzene

Concen: 43.512 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

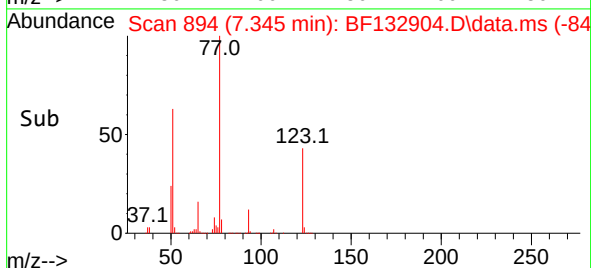
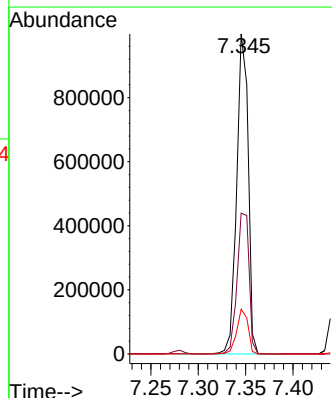
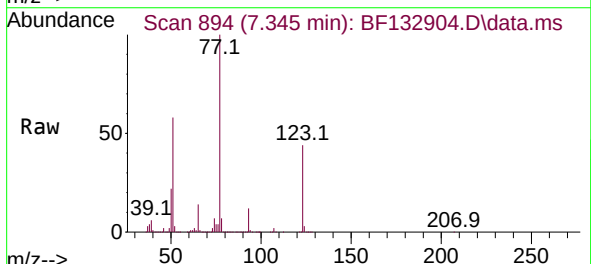
Tgt Ion: 77 Resp: 840474

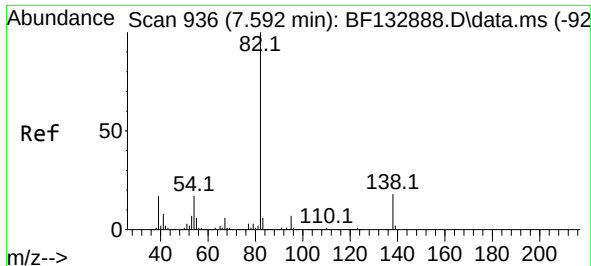
Ion Ratio Lower Upper

77 100

123 44.0 36.3 54.5

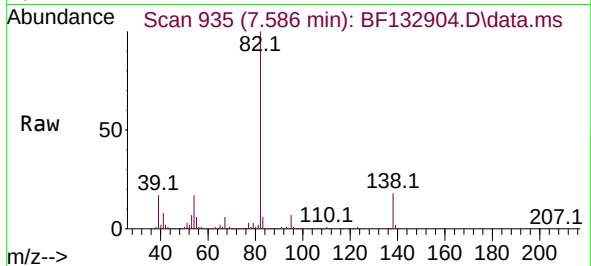
65 13.9 11.2 16.8





#25  
Isophorone  
Concen: 43.218 ng  
RT: 7.586 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

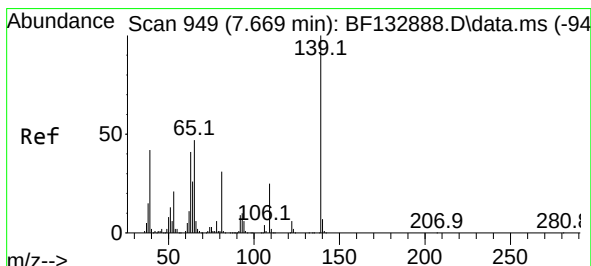
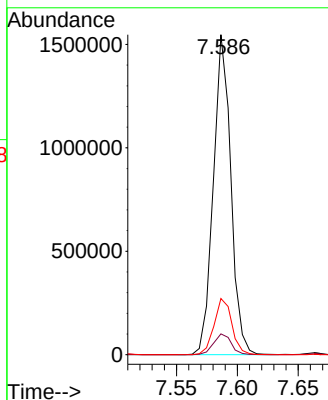
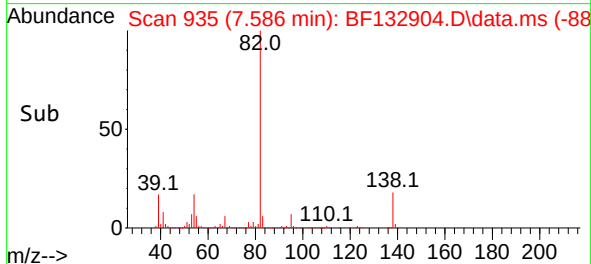
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



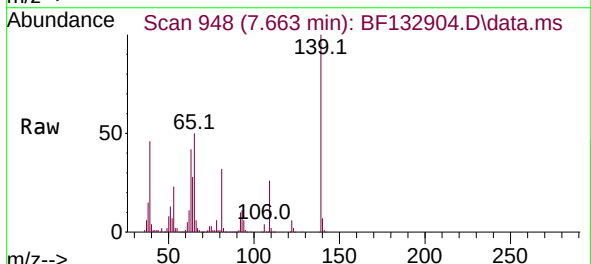
Tgt Ion: 82 Resp: 1544879  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.3 7.9  
138 17.5 14.2 21.2

Manual Integrations  
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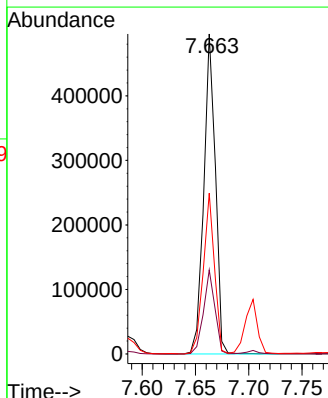
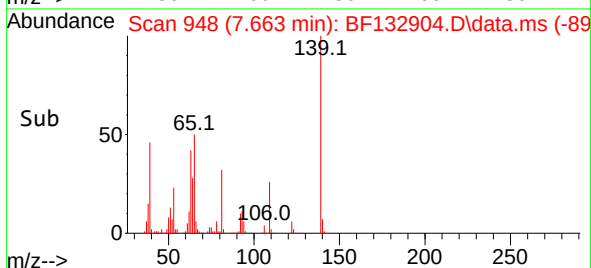
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



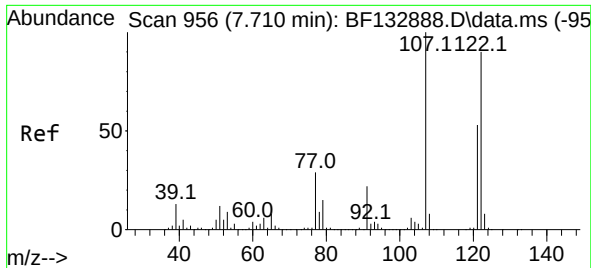
#26  
2-Nitrophenol  
Concen: 51.674 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:139 Resp: 376535  
Ion Ratio Lower Upper  
139 100  
109 26.3 20.1 30.1  
65 50.3 38.0 57.0







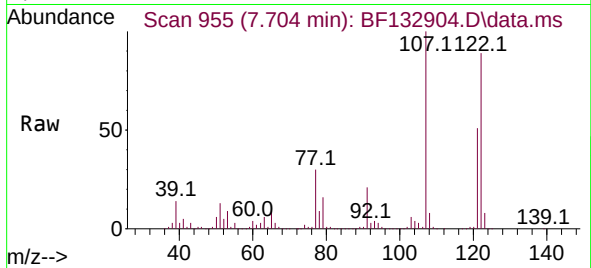
#27  
2,4-Dimethylphenol  
Concen: 46.313 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

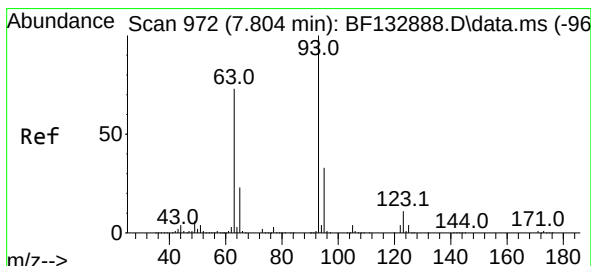
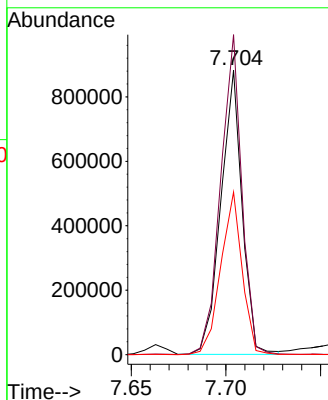
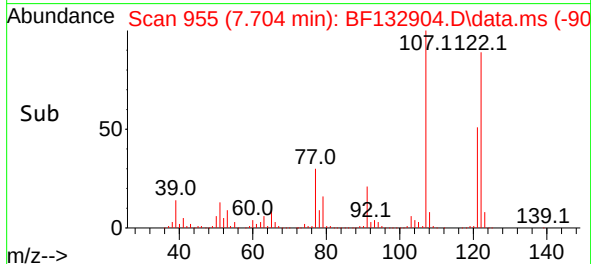


Tgt Ion:122 Resp: 688402  
Ion Ratio Lower Upper  
122 100  
107 112.4 88.5 132.7  
121 57.1 47.2 70.8

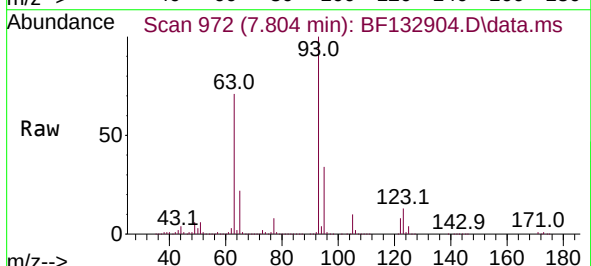
Manual Integrations

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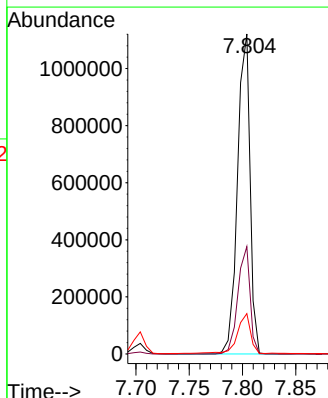
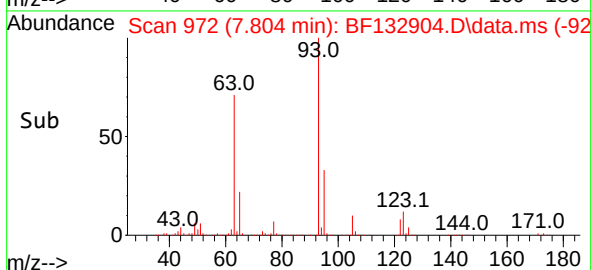
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

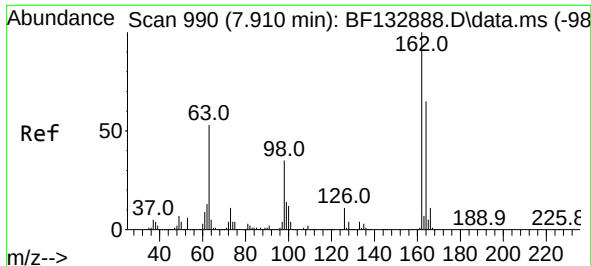


#28  
bis(2-Chloroethoxy)methane  
Concen: 42.976 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion: 93 Resp: 918502  
Ion Ratio Lower Upper  
93 100  
95 33.6 26.3 39.5  
123 12.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 45.176 ng

RT: 7.904 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

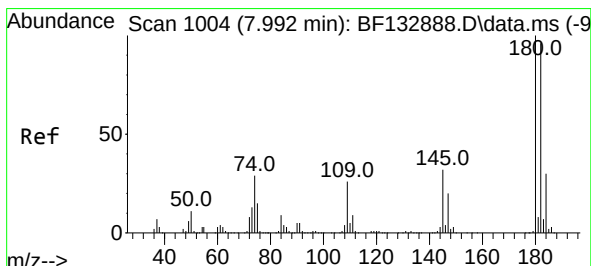
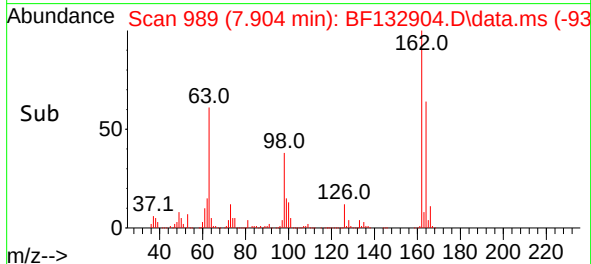
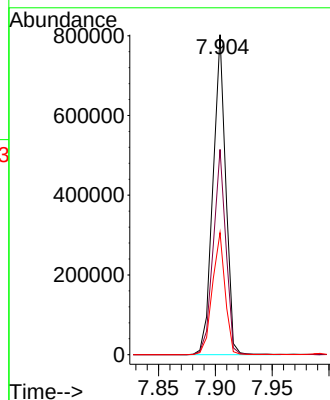
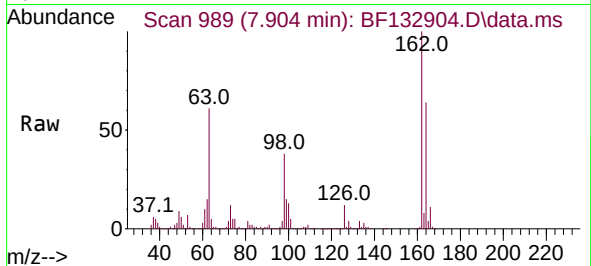
|             |              |
|-------------|--------------|
| Tgt Ion:162 | Resp: 625034 |
| Ion Ratio   | Lower Upper  |
| 162 100     |              |
| 164 64.2    | 45.2 85.2    |
| 98 38.2     | 14.8 54.8    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.329 ng

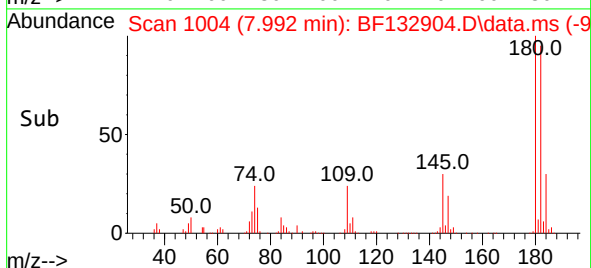
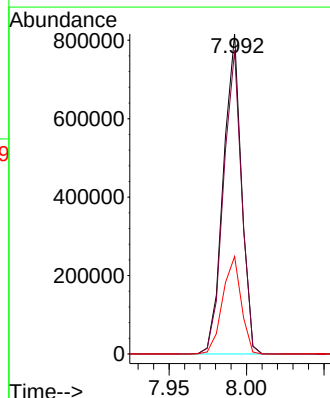
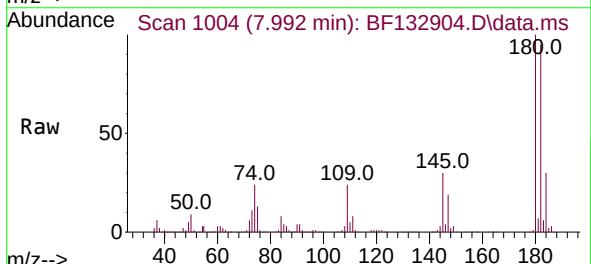
RT: 7.992 min Scan# 1004

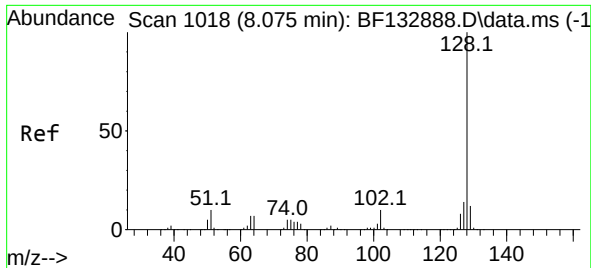
Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

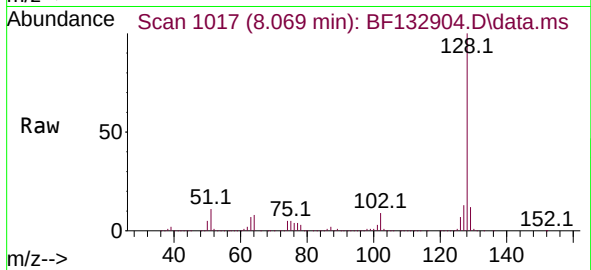
|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 662215 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 94.8    | 76.6 114.8   |
| 145 30.5    | 25.4 38.0    |





#31  
Naphthalene  
Concen: 43.818 ng  
RT: 8.069 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

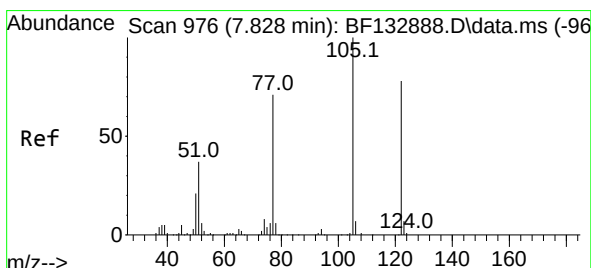
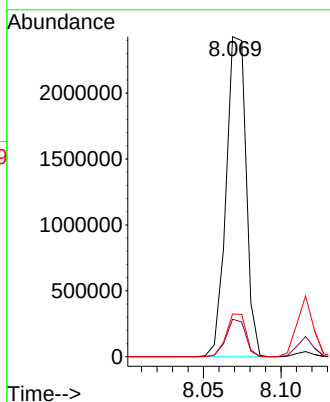
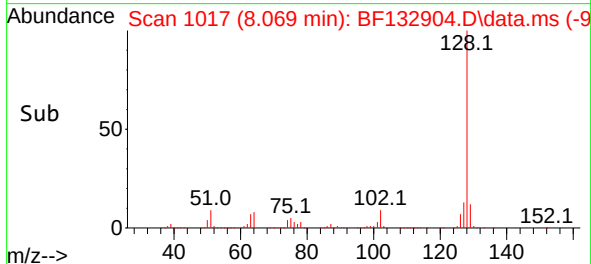
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:128 Resp: 2175080  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.4 14.0  
127 13.4 11.0 16.6

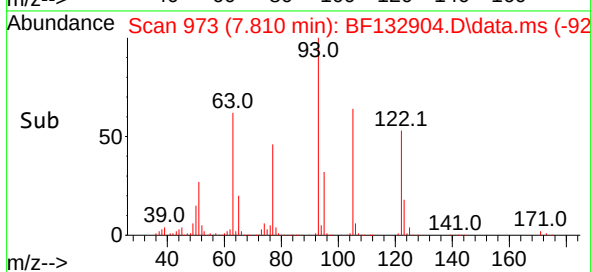
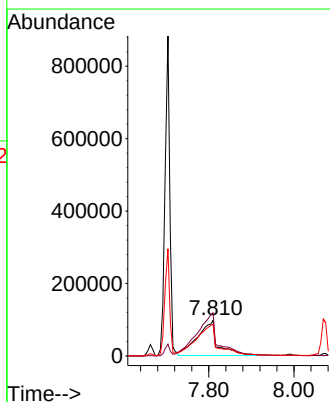
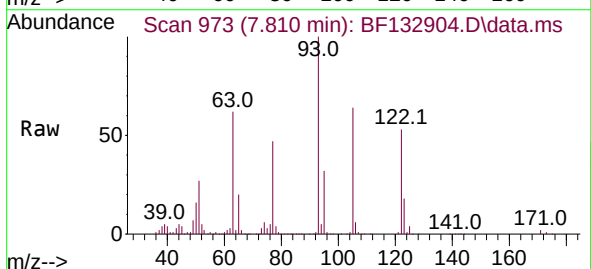
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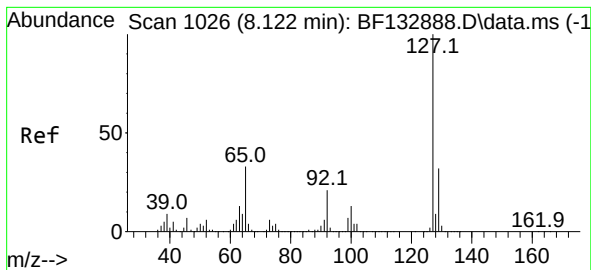
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#32  
Benzoic acid  
Concen: 43.698 ng  
RT: 7.810 min Scan# 973  
Delta R.T. -0.018 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:122 Resp: 325722  
Ion Ratio Lower Upper  
122 100  
105 121.8 104.5 144.5  
77 89.0 71.2 111.2





#33

4-Chloroaniline

Concen: 16.700 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:127 Resp: 33952

Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 32.2 26.7 40.1

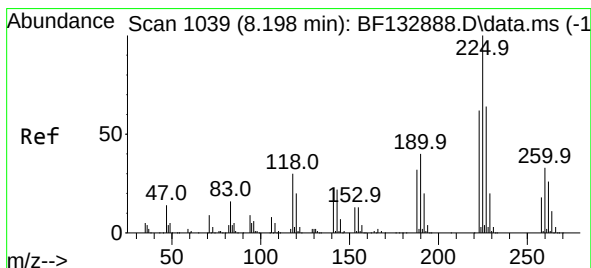
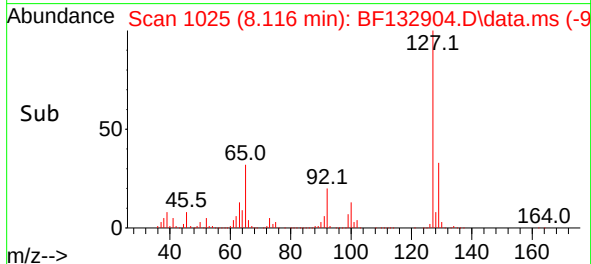
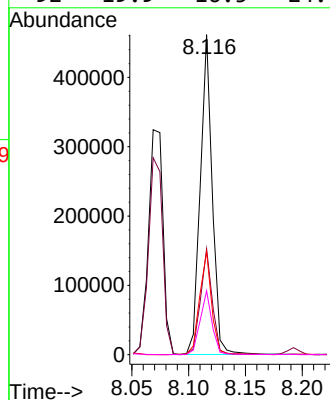
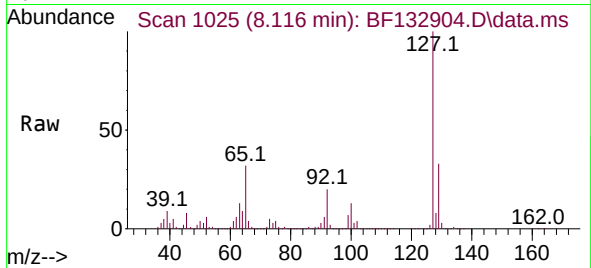
92 19.9 16.5 24.7

Manual Integrations

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Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#34

Hexachlorobutadiene

Concen: 42.252 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

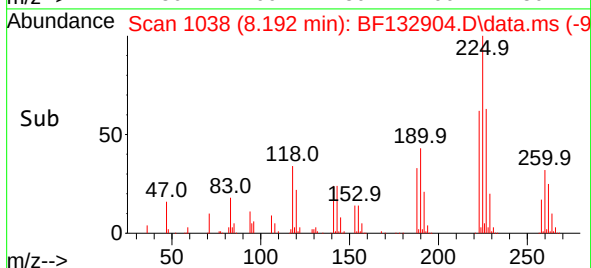
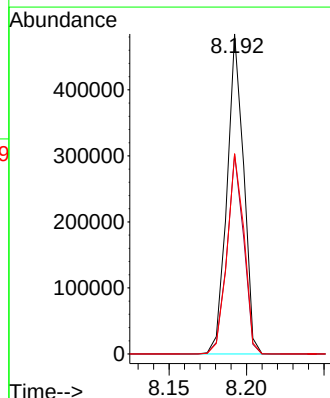
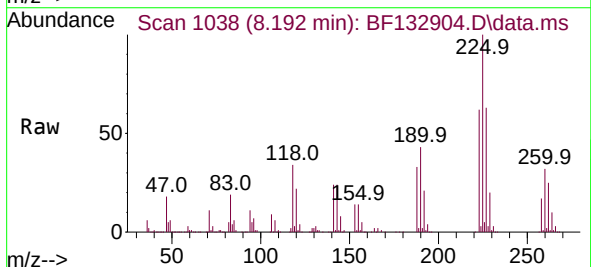
Tgt Ion:225 Resp: 361097

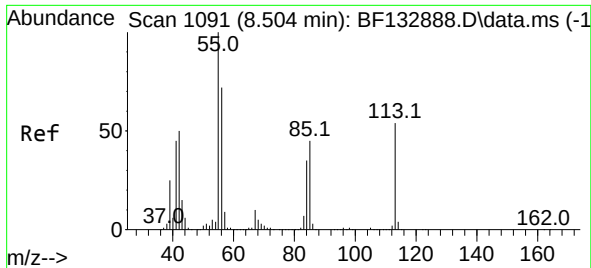
Ion Ratio Lower Upper

225 100

223 62.5 49.6 74.4

227 62.6 51.6 77.4





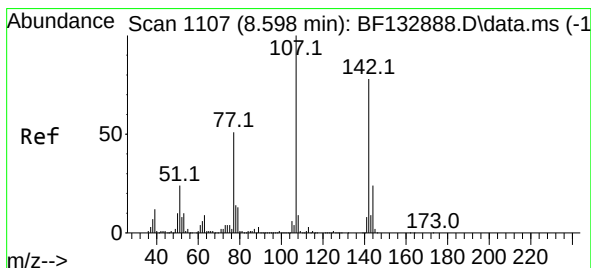
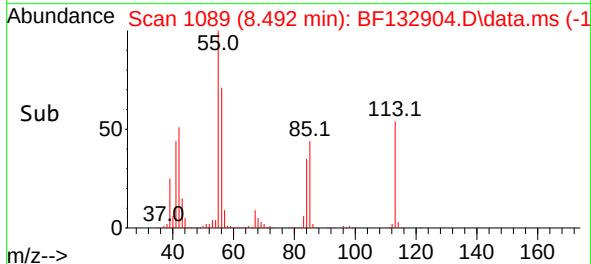
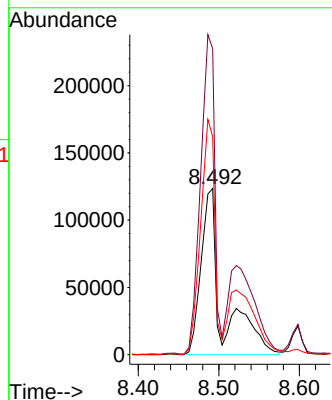
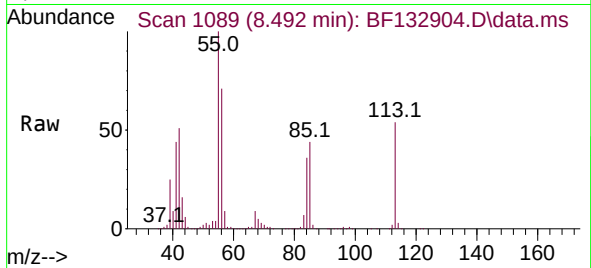
#35  
 Caprolactam  
 Concen: 54.436 ng m  
 RT: 8.492 min Scan# 1091  
 Delta R.T. -0.012 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16-COMPMS

Tgt Ion:113 Resp: 224285  
 Ion Ratio Lower Upper  
 113 100  
 55 184.1 166.0 206.0  
 56 131.2 114.5 154.5

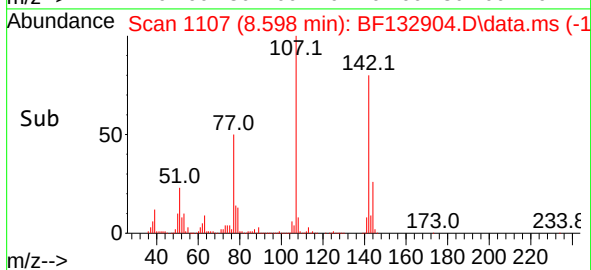
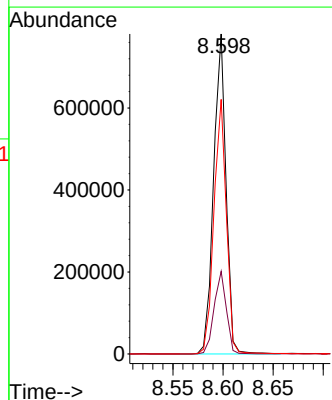
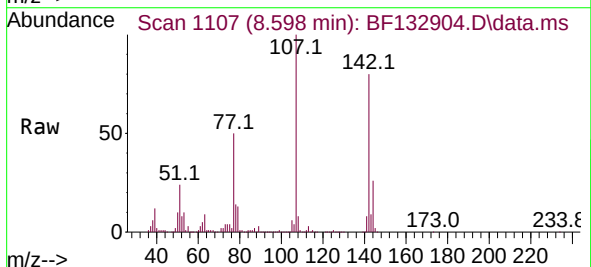
Manual Integrations  
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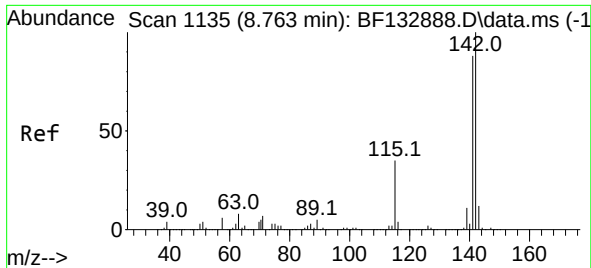
Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.312 ng  
 RT: 8.598 min Scan# 1107  
 Delta R.T. 0.000 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

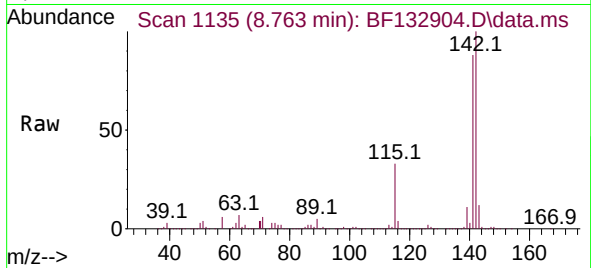
Tgt Ion:107 Resp: 672534  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 19.4 29.0  
 142 79.5 62.2 93.2





#37  
2-Methylnaphthalene  
Concen: 41.471 ng  
RT: 8.763 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

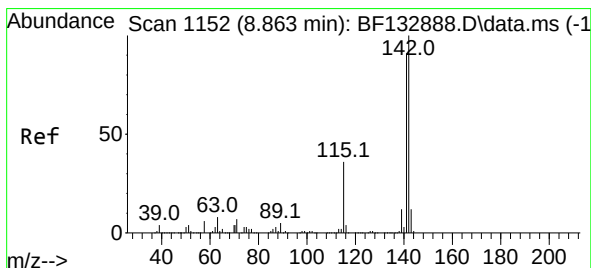
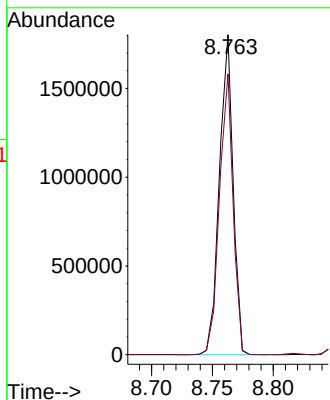
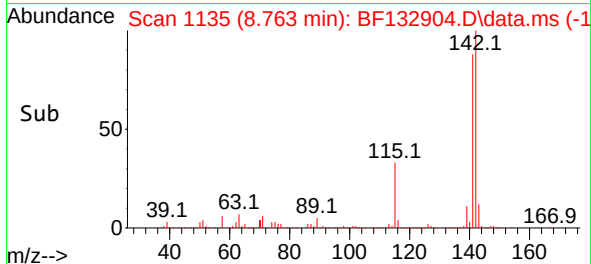
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



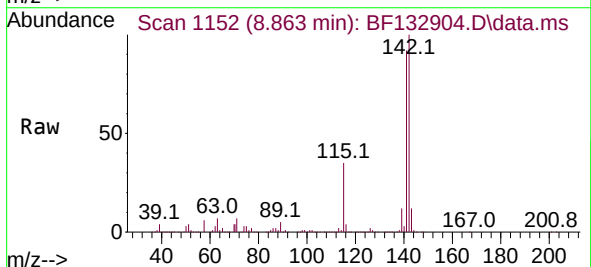
Tgt Ion:142 Resp: 141694  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.4 105.6

Manual Integrations  
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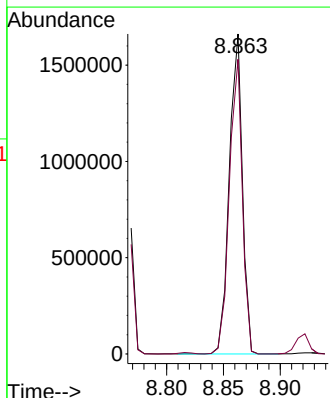
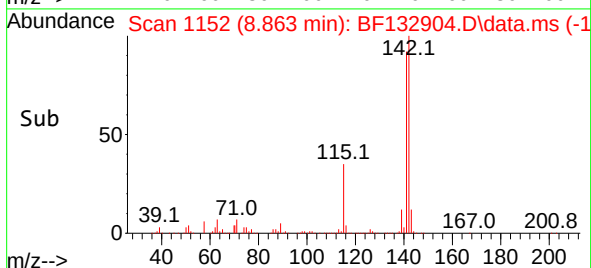
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

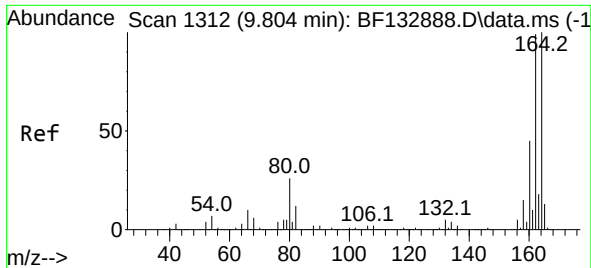


#38  
1-Methylnaphthalene  
Concen: 41.748 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:142 Resp: 1329068  
Ion Ratio Lower Upper  
142 100  
141 92.1 72.6 109.0





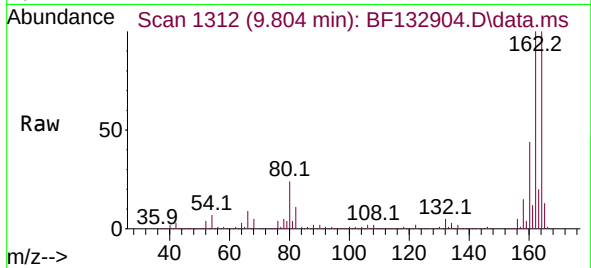
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



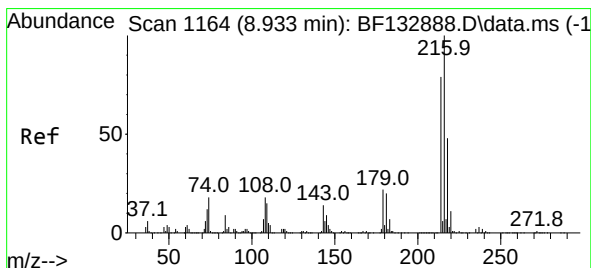
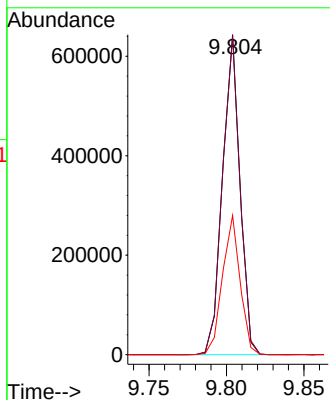
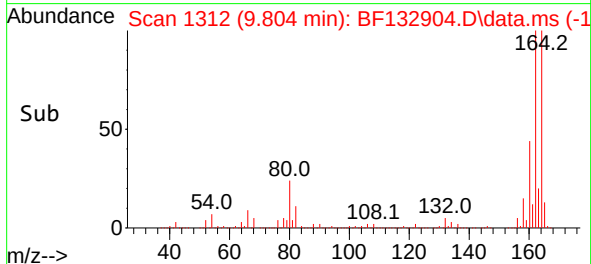
Tgt Ion:164 Resp: 502785  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.1 118.7  
160 43.5 35.6 53.4

Manual Integrations

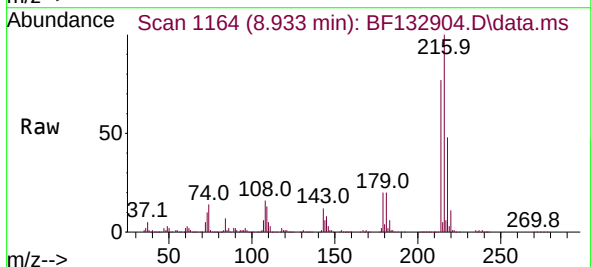
APPROVED

Reviewed By :Yogesh Patel 04/19/2023

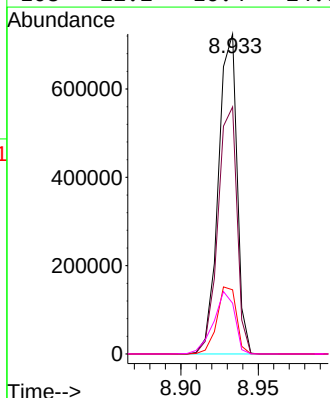
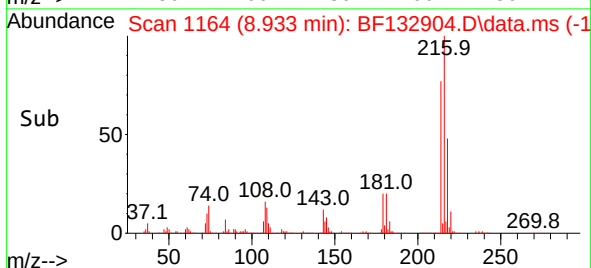
Supervised By :Jagrut Upadhyay 04/19/2023

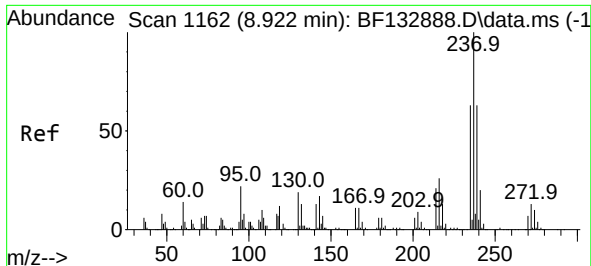


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.804 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:216 Resp: 608724  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.1 94.7  
179 21.7 17.4 26.2  
108 22.2 16.4 24.6





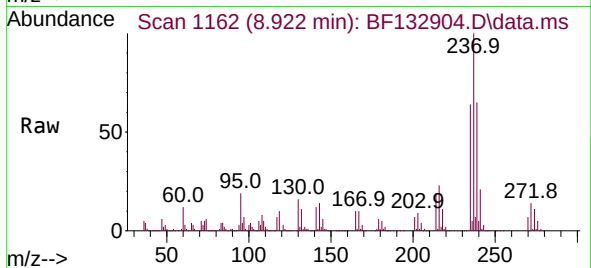
#41  
Hexachlorocyclopentadiene  
Concen: 91.250 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

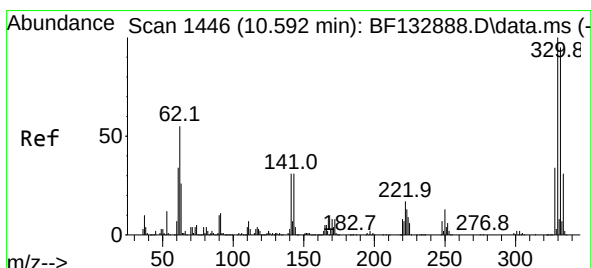
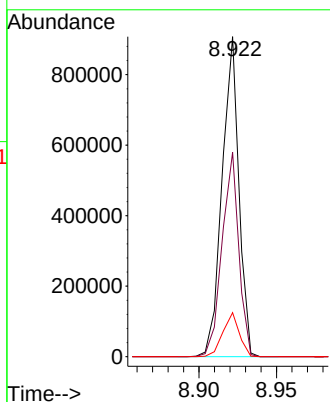
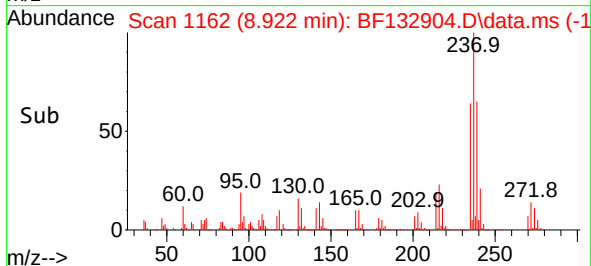


Tgt Ion:237 Resp: 683970  
Ion Ratio Lower Upper  
237 100  
235 63.9 43.2 83.2  
272 13.8 0.0 32.8

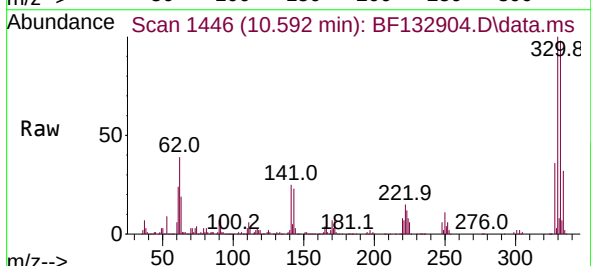
Manual Integrations

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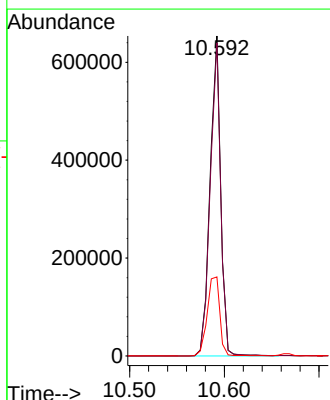
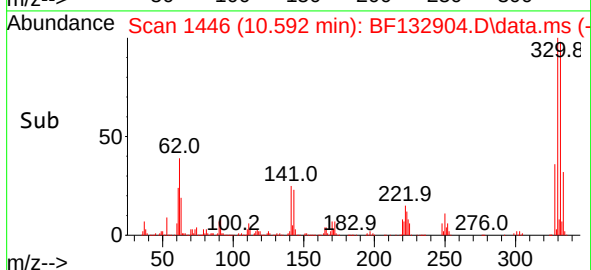
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



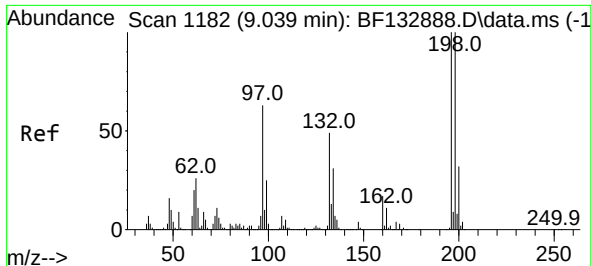
#42  
2,4,6-Tribromophenol  
Concen: 100.324 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:330 Resp: 505928  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.3 114.5  
141 29.4 23.9 35.9

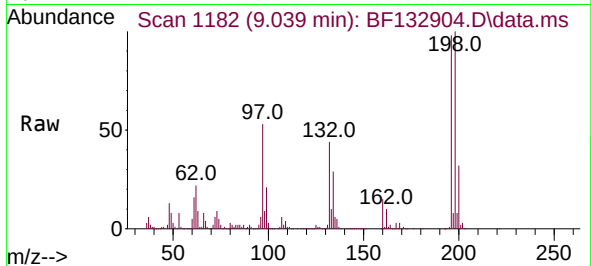






#43  
2,4,6-Trichlorophenol  
Concen: 46.649 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

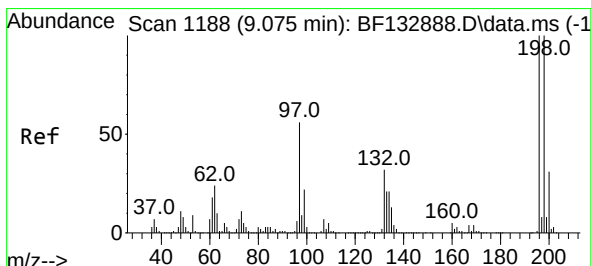
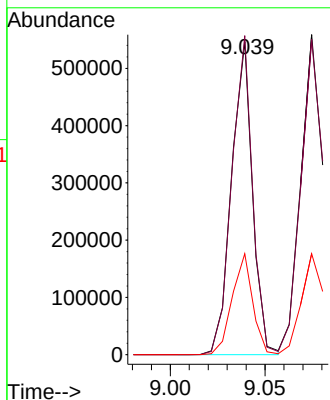
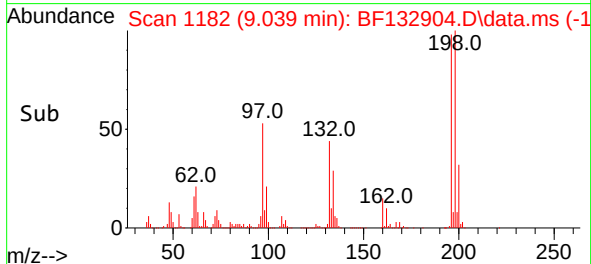
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



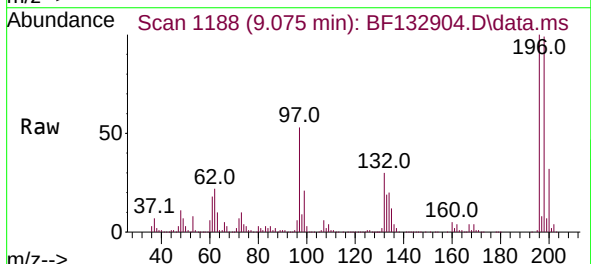
Tgt Ion:196 Resp: 420532  
Ion Ratio Lower Upper  
196 100  
198 101.9 79.8 119.6  
200 32.3 25.4 38.2

Manual Integrations  
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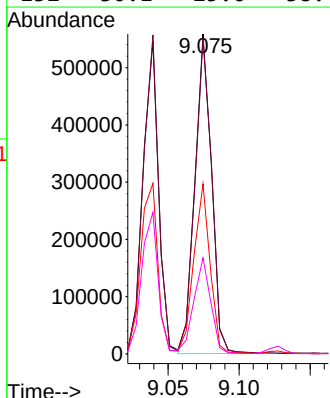
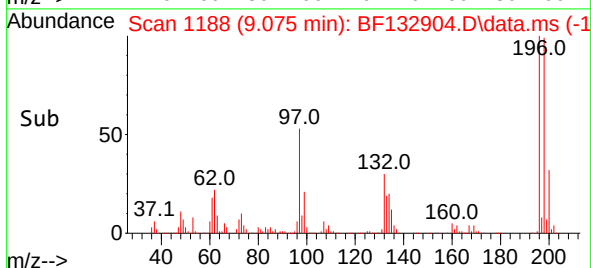
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

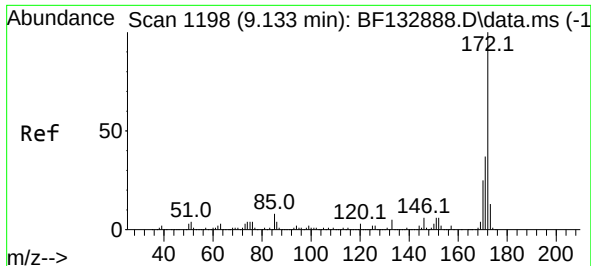


#44  
2,4,5-Trichlorophenol  
Concen: 43.224 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



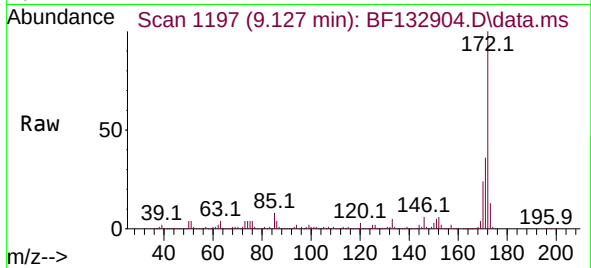
Tgt Ion:196 Resp: 455643  
Ion Ratio Lower Upper  
196 100  
198 98.5 80.2 120.2  
97 53.2 45.0 67.6  
132 30.1 25.6 38.4





#45  
2-Fluorobiphenyl  
Concen: 64.878 ng  
RT: 9.127 min Scan# 1198  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

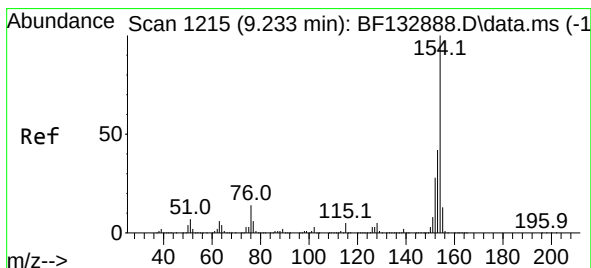
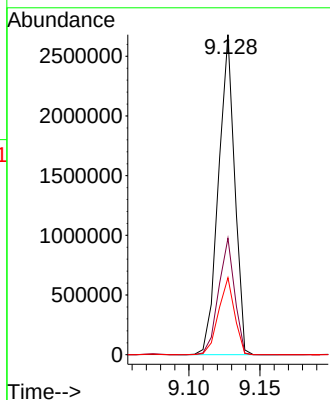
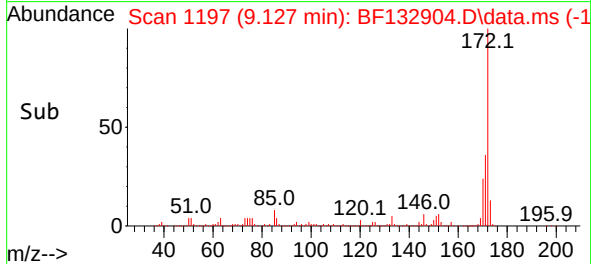
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



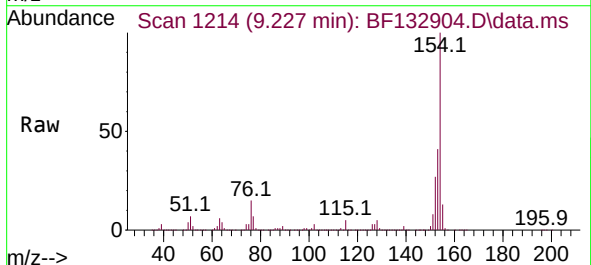
Tgt Ion:172 Resp: 2123379  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.4 44.0  
170 24.0 20.1 30.1

Manual Integrations  
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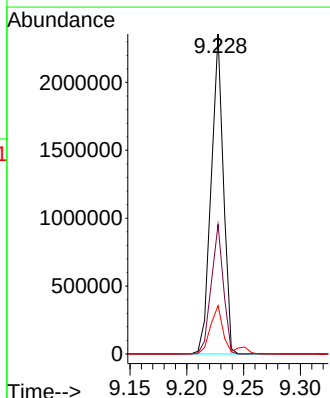
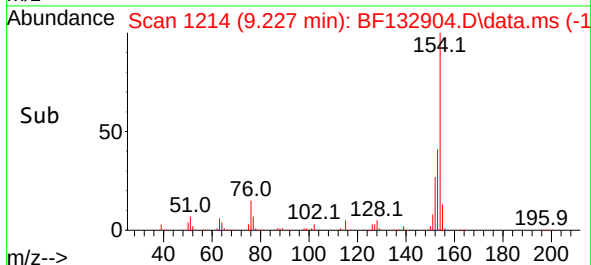
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

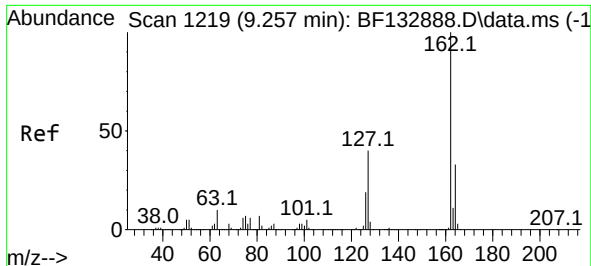


#46  
1,1'-Biphenyl  
Concen: 44.076 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:154 Resp: 1756770  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.8 61.8  
76 15.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.636 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:162 Resp: 131654

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

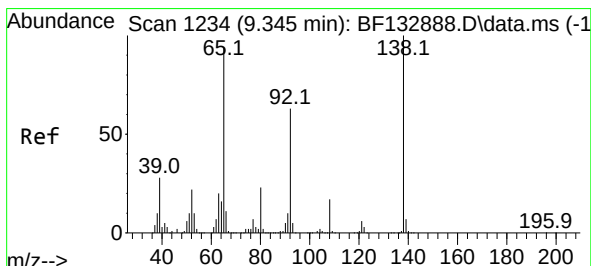
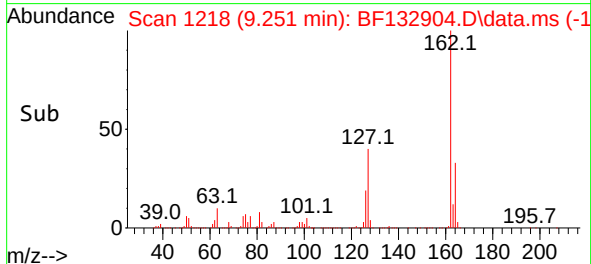
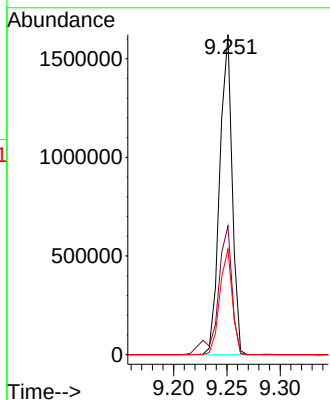
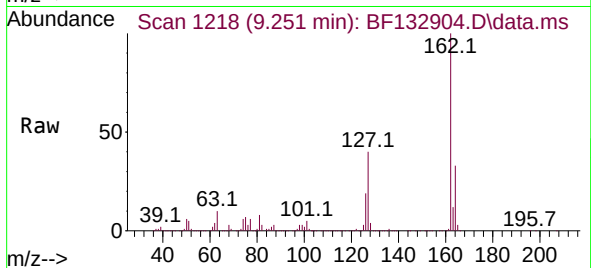
164 32.9 26.5 39.7

Manual Integrations

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Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#48

2-Nitroaniline

Concen: 50.575 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

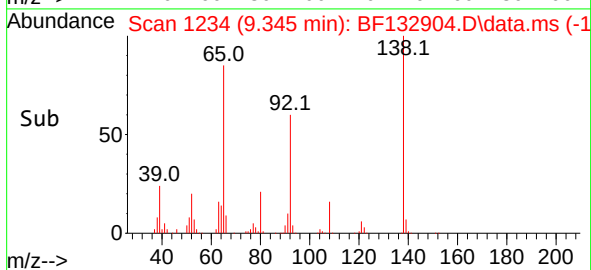
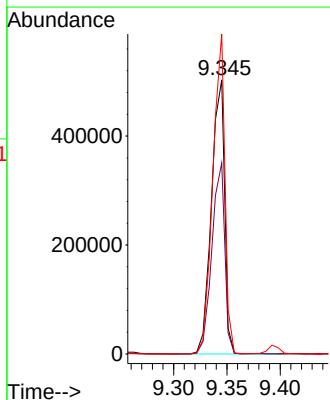
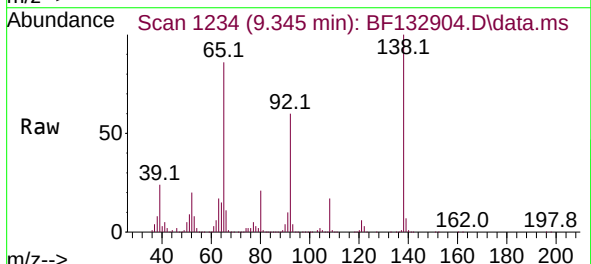
Tgt Ion: 65 Resp: 431548

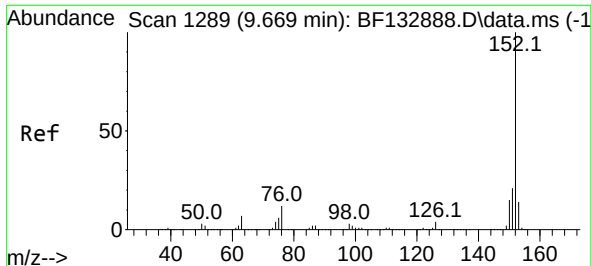
Ion Ratio Lower Upper

65 100

92 69.7 53.5 80.3

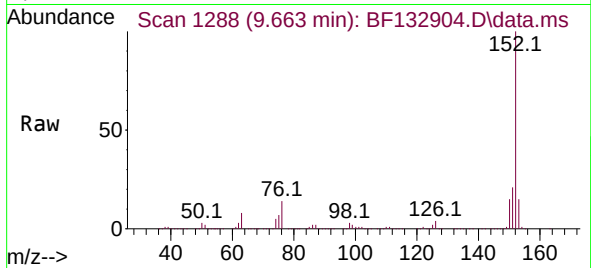
138 116.7 84.8 127.2





#49  
Acenaphthylene  
Concen: 44.040 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

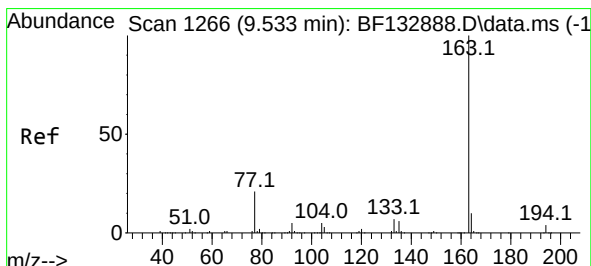
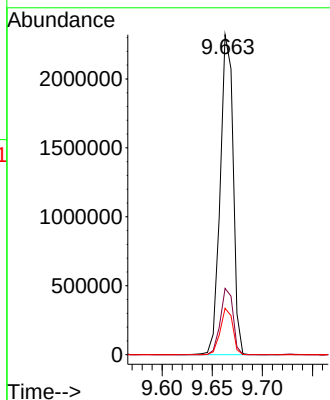
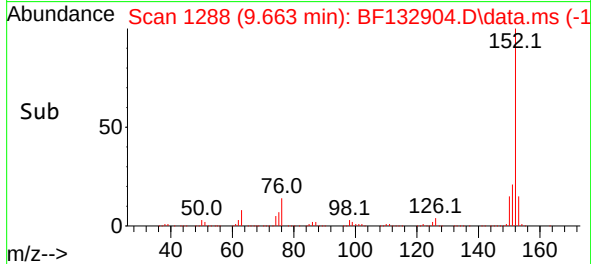
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



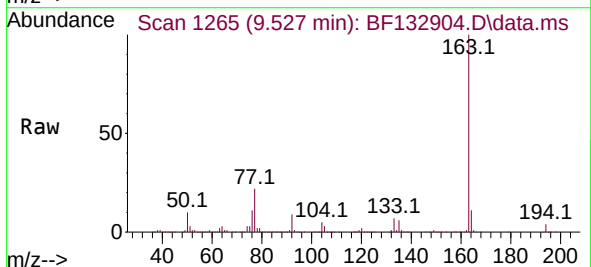
Tgt Ion:152 Resp: 207180  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 14.5 11.4 17.0

Manual Integrations  
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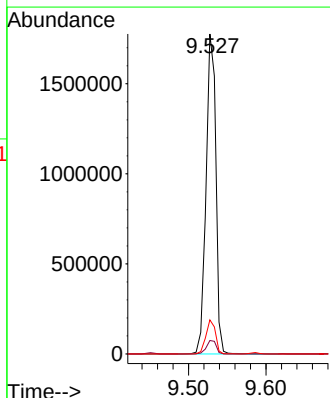
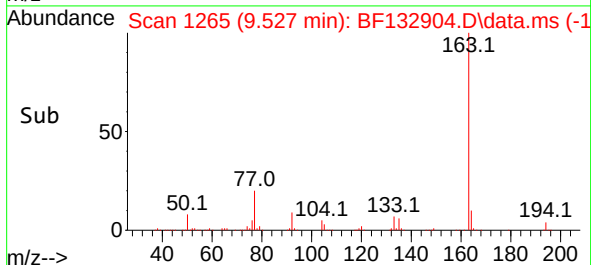
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

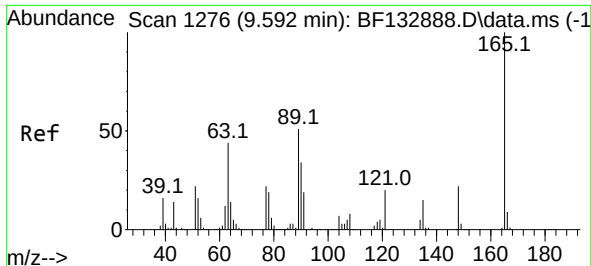


#50  
Dimethylphthalate  
Concen: 44.879 ng  
RT: 9.527 min Scan# 1265  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:163 Resp: 1560042  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.7 8.3 12.5





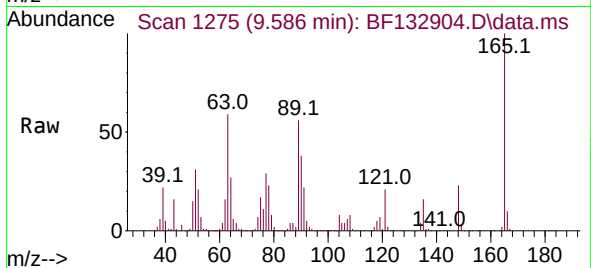
#51  
2,6-Dinitrotoluene  
Concen: 45.855 ng  
RT: 9.586 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

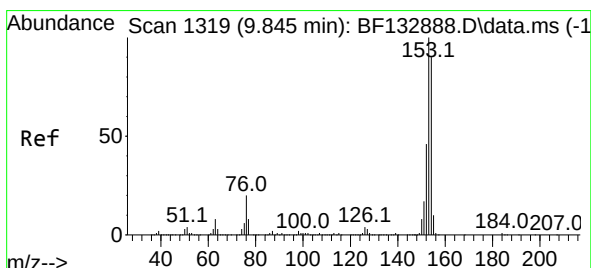
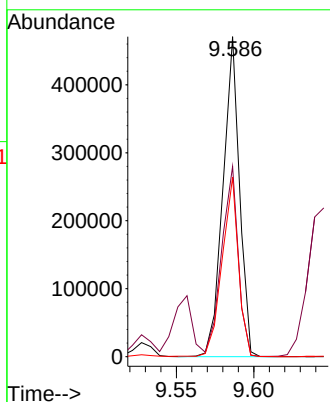
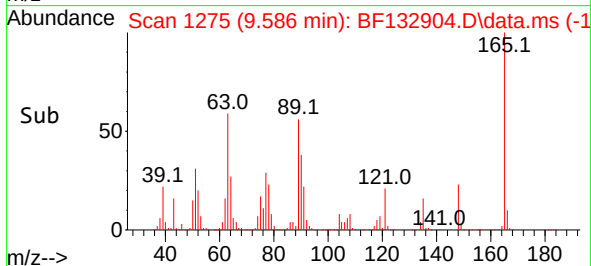


Tgt Ion:165 Resp: 349470  
Ion Ratio Lower Upper  
165 100  
63 59.4 42.6 63.8  
89 56.1 41.0 61.4

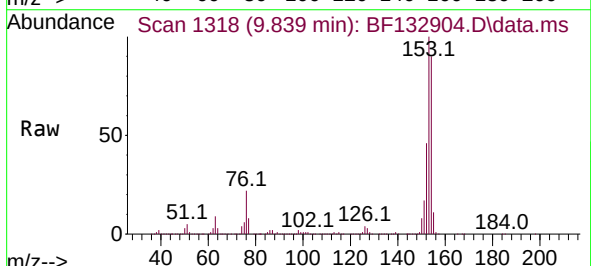
Manual Integrations

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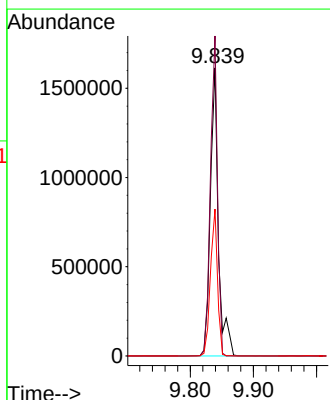
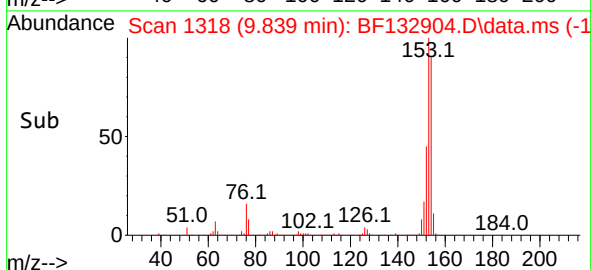
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

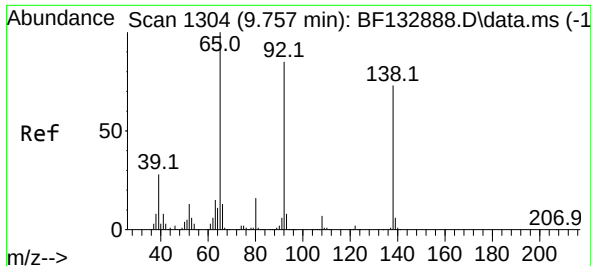


#52  
Acenaphthene  
Concen: 47.269 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:154 Resp: 1432975  
Ion Ratio Lower Upper  
154 100  
153 111.0 88.8 133.2  
152 51.0 41.2 61.8





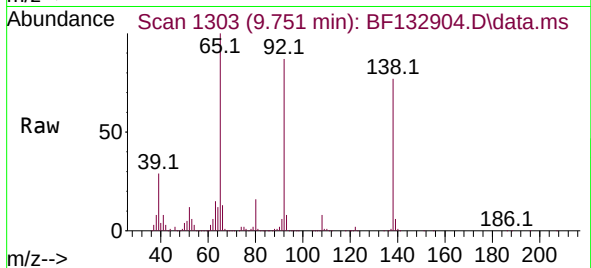
#53  
3-Nitroaniline  
Concen: 33.234 ng  
RT: 9.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



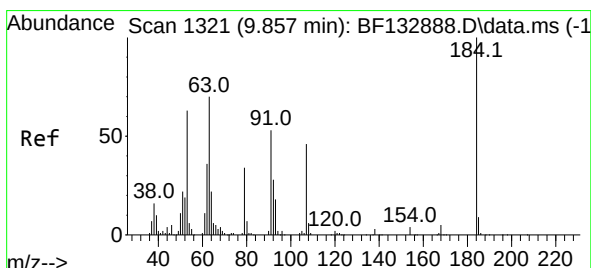
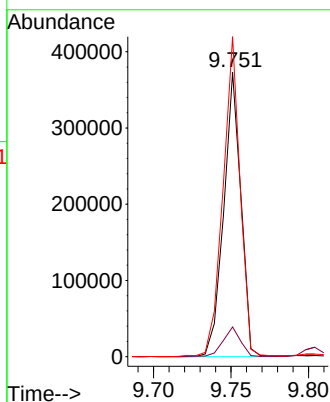
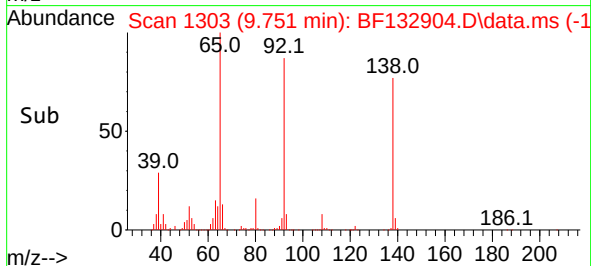
Tgt Ion:138 Resp: 28822  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.2 12.2  
92 112.5 93.8 140.8

Manual Integrations

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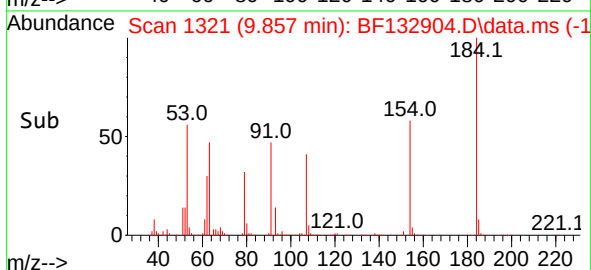
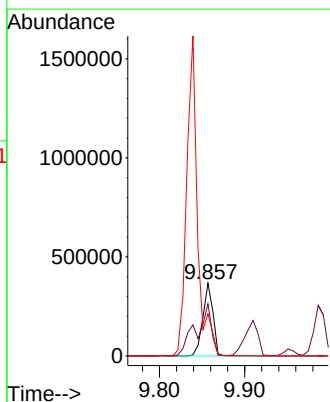
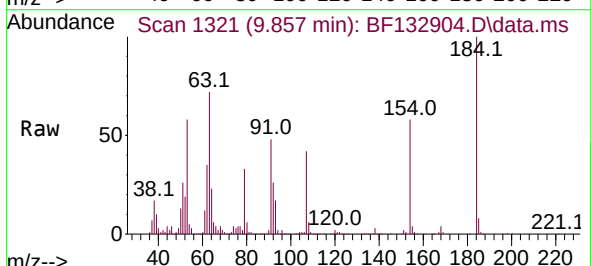
Reviewed By :Yogesh Patel 04/19/2023

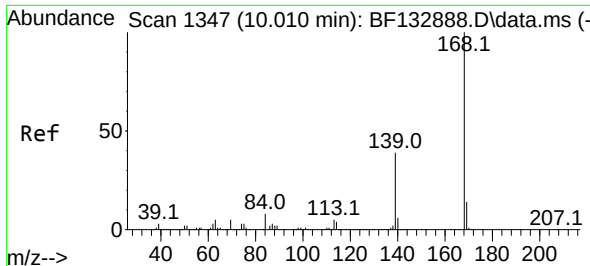
Supervised By :Jagrut Upadhyay 04/19/2023



#54  
2,4-Dinitrophenol  
Concen: 102.318 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:184 Resp: 303766  
Ion Ratio Lower Upper  
184 100  
63 71.9 62.7 94.1  
154 57.9 49.9 74.9





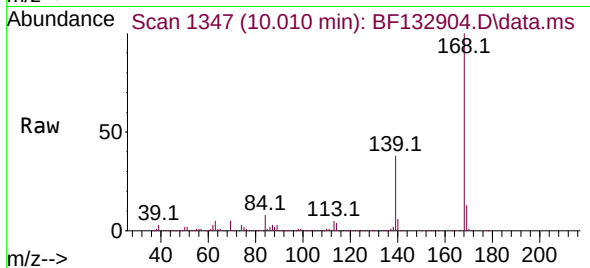
#55  
Dibenzofuran  
Concen: 43.782 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



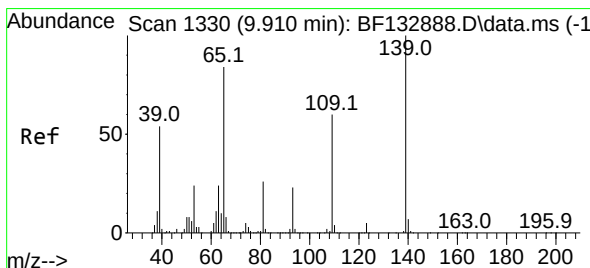
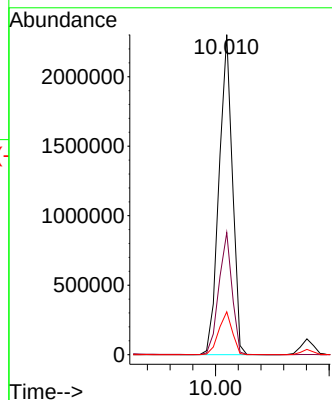
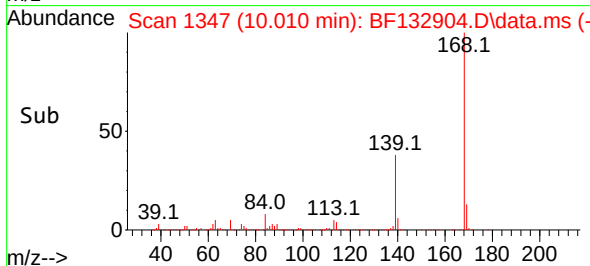
Tgt Ion:168 Resp: 188310  
Ion Ratio Lower Upper  
168 100  
139 38.2 31.4 47.0  
169 13.4 11.2 16.8

Manual Integrations

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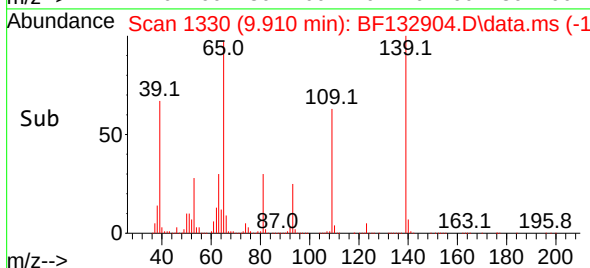
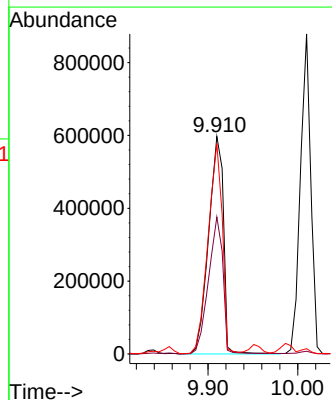
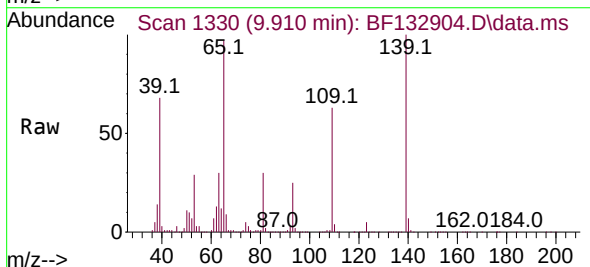
Reviewed By :Yogesh Patel 04/19/2023

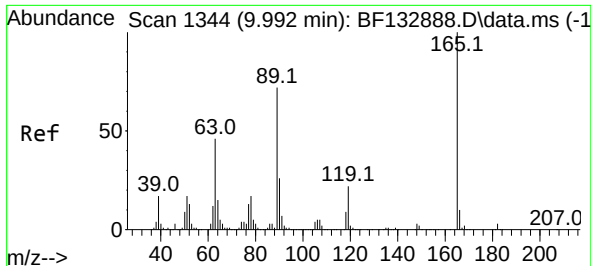
Supervised By :Jagrut Upadhyay 04/19/2023



#56  
4-Nitrophenol  
Concen: 106.023 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:139 Resp: 683031  
Ion Ratio Lower Upper  
139 100  
109 63.0 40.4 80.4  
65 96.8 64.2 104.2





#57

2,4-Dinitrotoluene

Concen: 50.892 ng

RT: 9.992 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132904.D

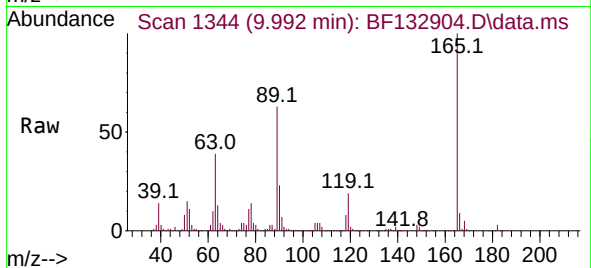
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



Tgt Ion:165 Resp: 47869

Ion Ratio Lower Upper

165 100

63 38.8 37.0 55.6

89 62.7 57.8 86.6

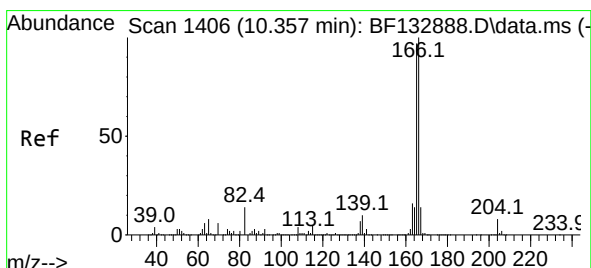
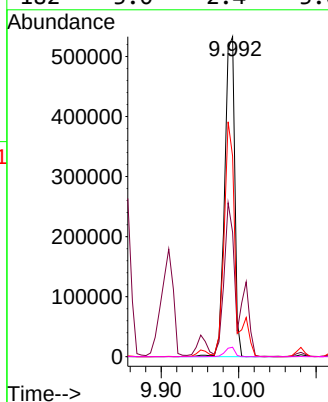
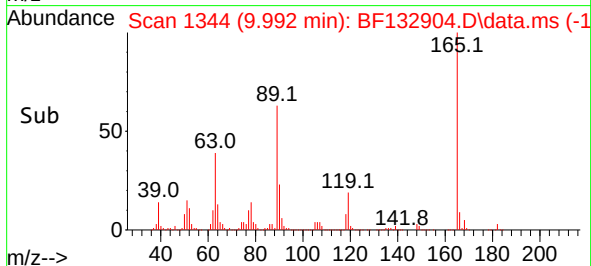
182 3.0 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#58

Fluorene

Concen: 44.552 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

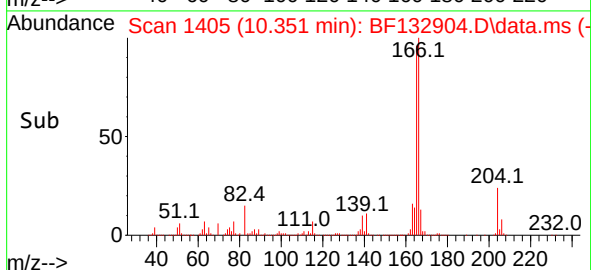
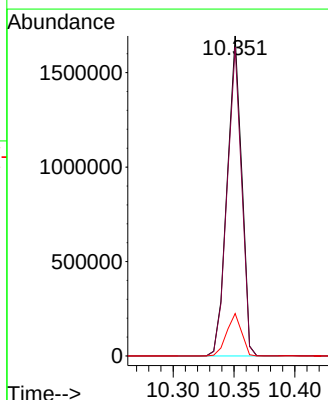
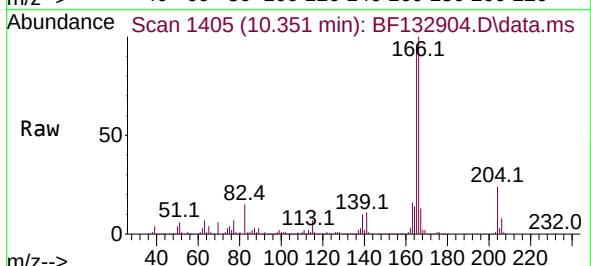
Tgt Ion:166 Resp: 1403678

Ion Ratio Lower Upper

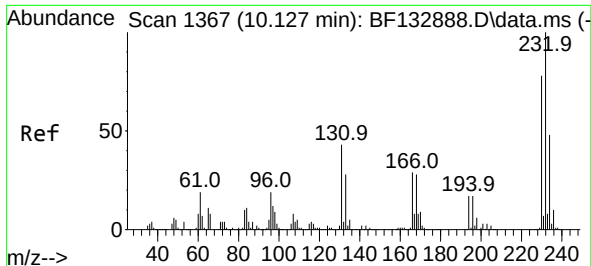
166 100

165 96.4 78.0 117.0

167 13.3 11.0 16.4

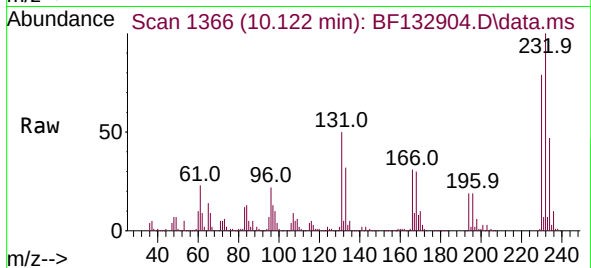






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.788 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

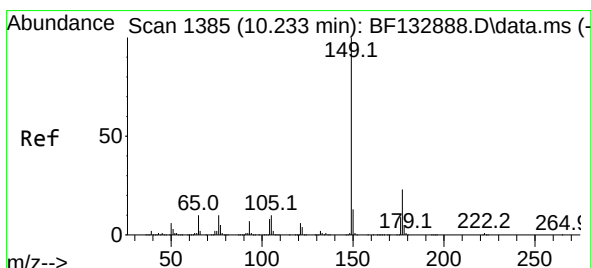
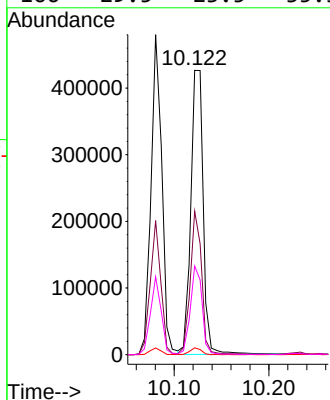
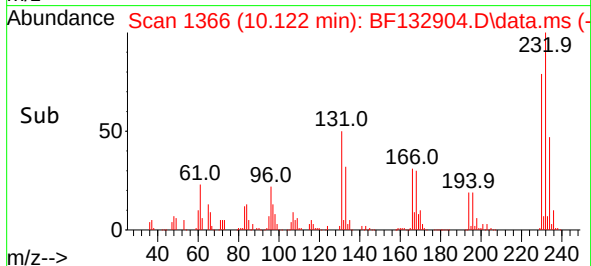
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



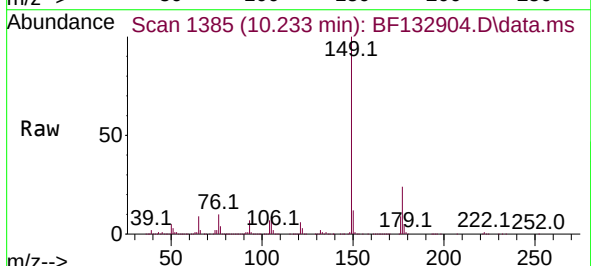
Tgt Ion:232 Resp: 390962  
Ion Ratio Lower Upper  
232 100  
131 45.8 35.9 53.9  
130 2.2 1.8 2.8  
166 29.5 23.5 35.3

Manual Integrations  
APPROVED

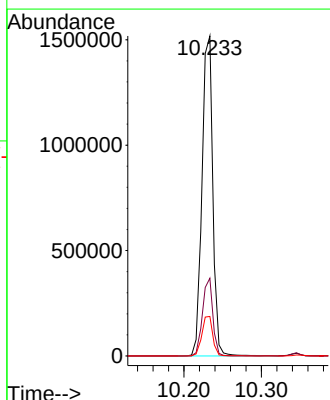
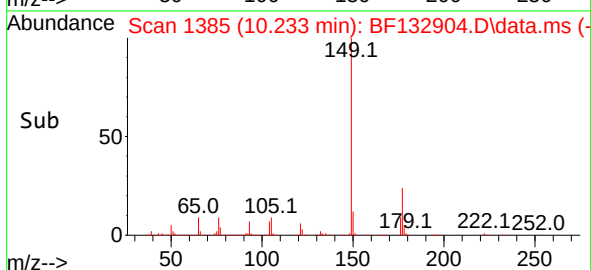
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

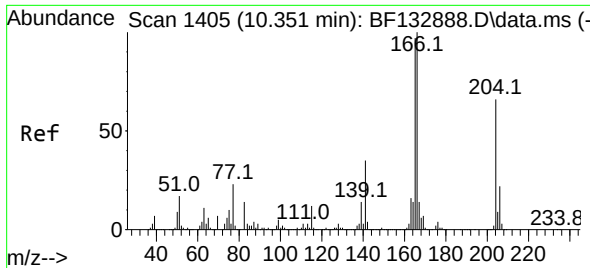


#60  
Diethylphthalate  
Concen: 45.235 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:149 Resp: 1469314  
Ion Ratio Lower Upper  
149 100  
177 24.3 18.5 27.7  
150 12.4 10.3 15.5





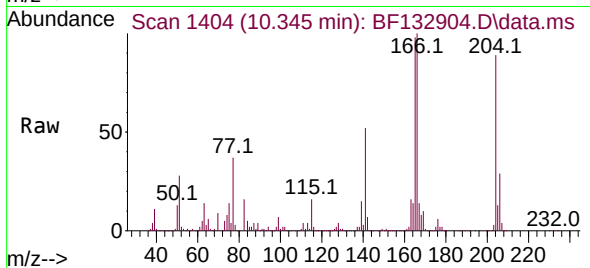
#61  
4-Chlorophenyl-phenylether  
Concen: 42.927 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



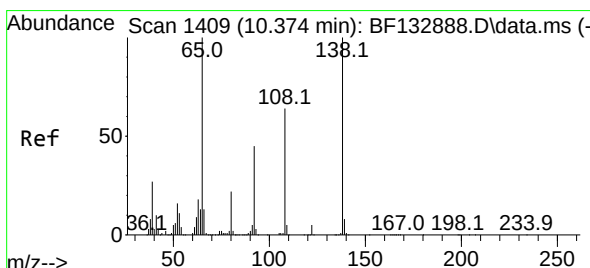
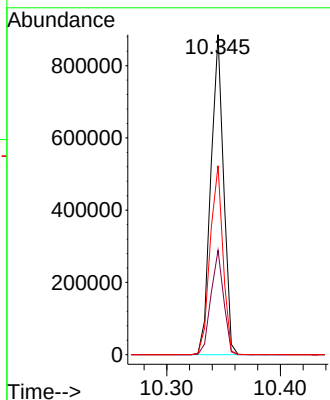
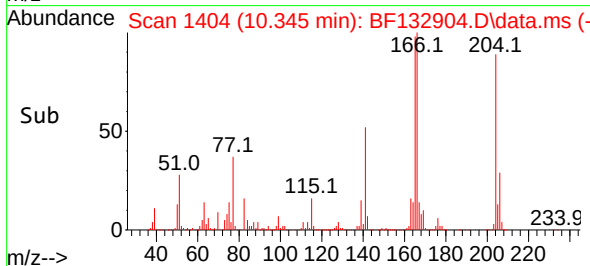
Tgt Ion:204 Resp: 687910  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 59.1 43.1 64.7

Manual Integrations

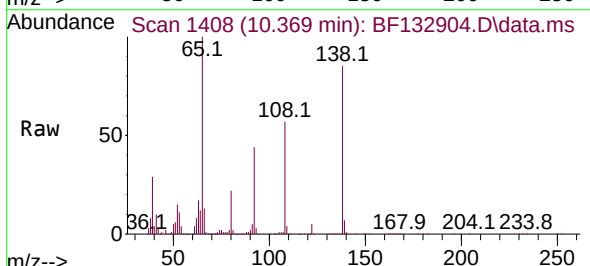
APPROVED

Reviewed By :Yogesh Patel 04/19/2023

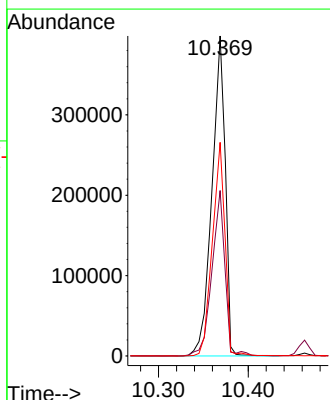
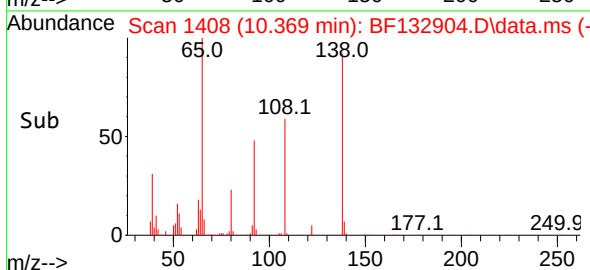
Supervised By :Jagrut Upadhyay 04/19/2023

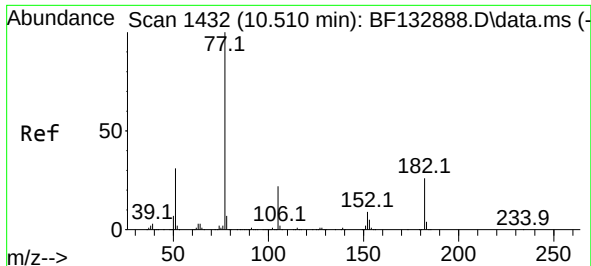


#62  
4-Nitroaniline  
Concen: 49.185 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



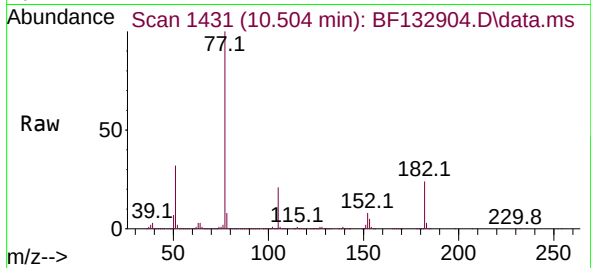
Tgt Ion:138 Resp: 409989  
Ion Ratio Lower Upper  
138 100  
92 51.7 25.0 65.0  
108 66.7 44.2 84.2





#63  
Azobenzene  
Concen: 47.721 ng  
RT: 10.504 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

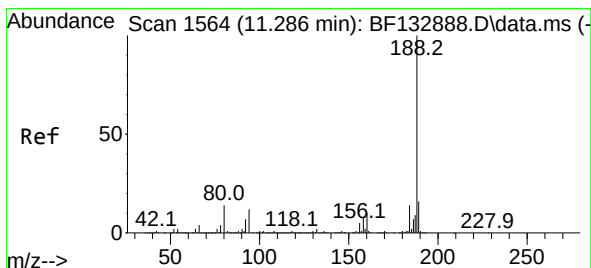
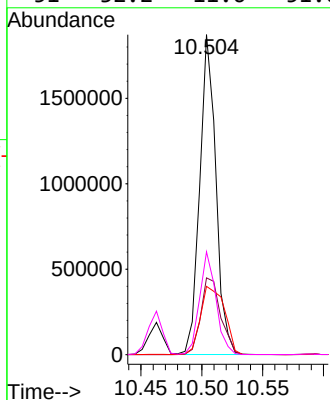
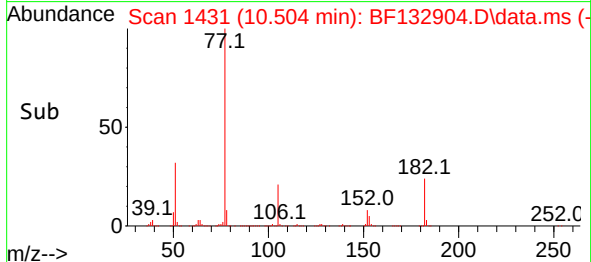
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion: 77 Resp: 1731488  
Ion Ratio Lower Upper  
77 100  
182 24.0 6.0 46.0  
105 21.4 1.6 41.6  
51 32.2 11.6 51.6

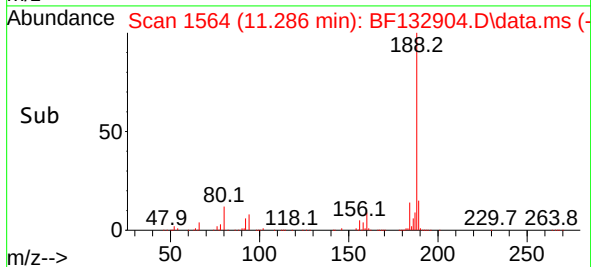
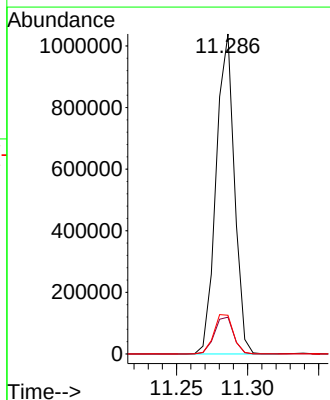
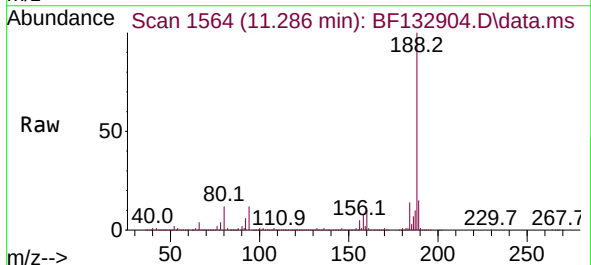
Manual Integrations  
APPROVED

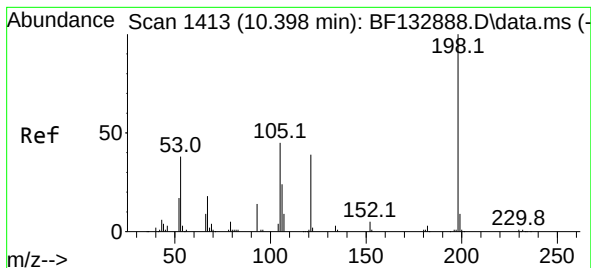
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:188 Resp: 928503  
Ion Ratio Lower Upper  
188 100  
94 11.5 9.9 14.9  
80 12.1 10.8 16.2





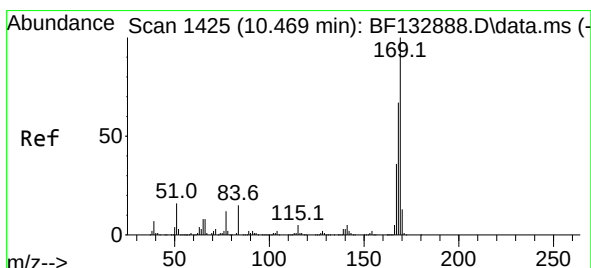
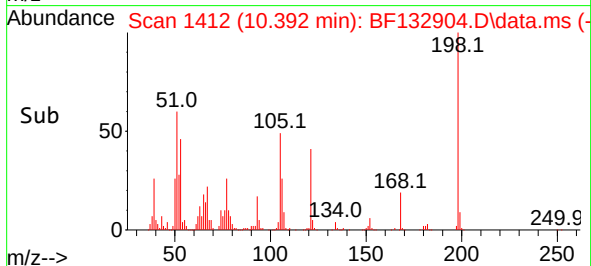
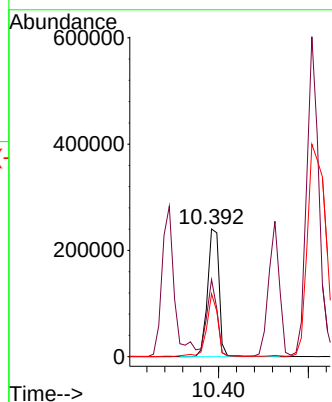
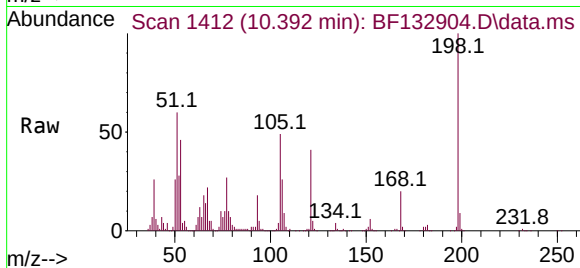
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.238 ng  
RT: 10.392 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS

Tgt Ion:198 Resp: 214501  
Ion Ratio Lower Upper  
198 100  
51 60.4 34.6 74.6  
105 49.3 25.6 65.6

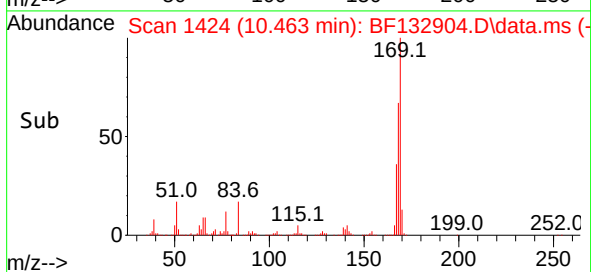
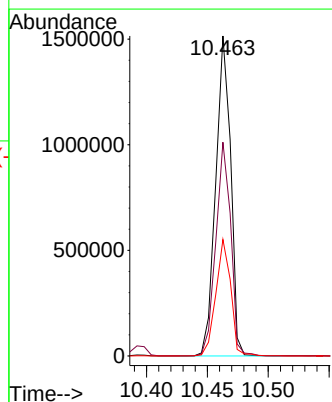
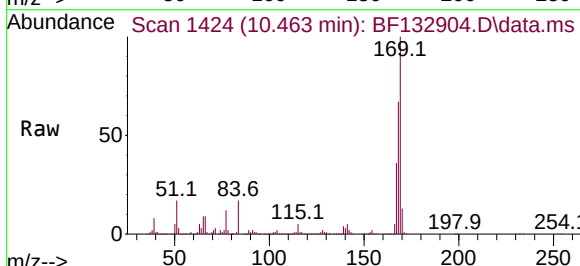
Manual Integrations  
APPROVED

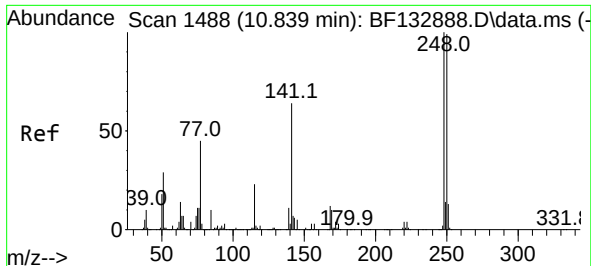
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#66  
n-Nitrosodiphenylamine  
Concen: 42.643 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

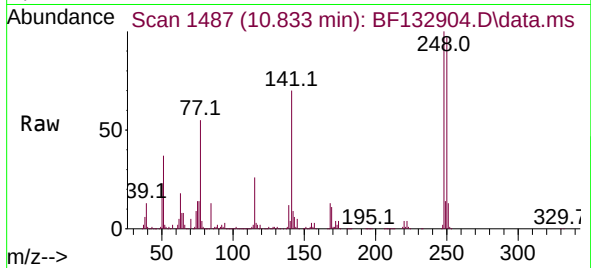
Tgt Ion:169 Resp: 1289531  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.4 80.0  
167 36.4 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 42.045 ng  
RT: 10.833 min Scan# 1487  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

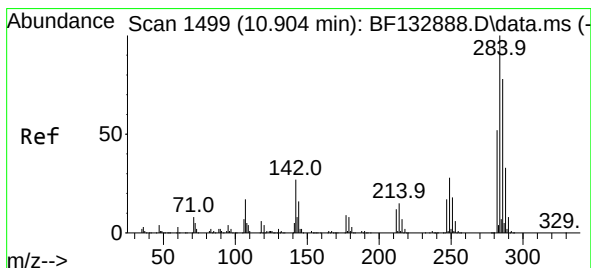
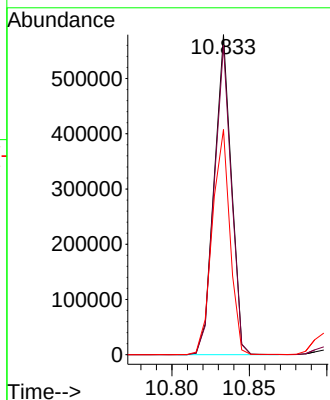
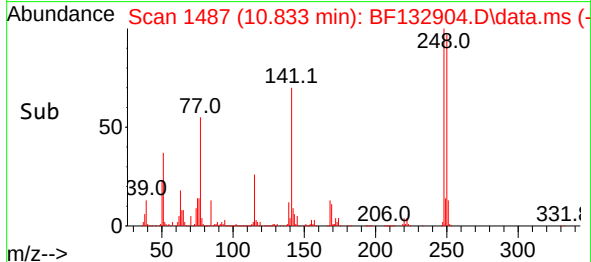
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:248 Resp: 44579  
Ion Ratio Lower Upper  
248 100  
250 96.7 79.1 118.7  
141 70.3 51.0 76.6

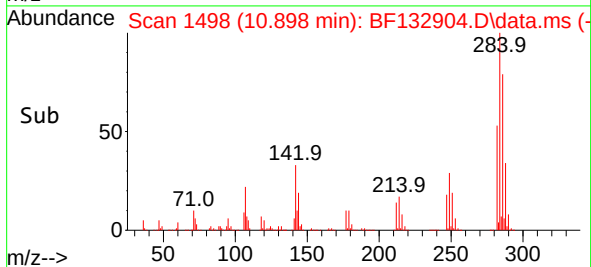
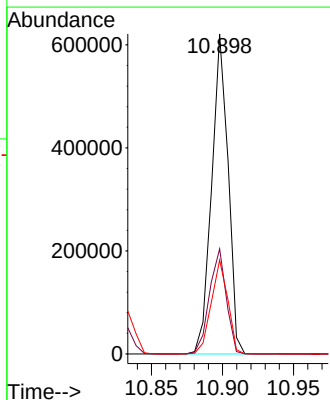
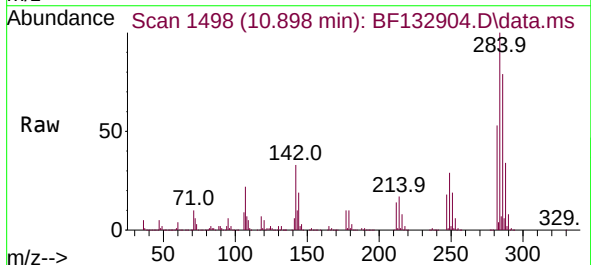
Manual Integrations  
APPROVED

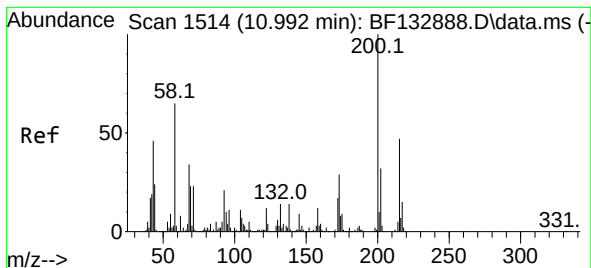
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#68  
Hexachlorobenzene  
Concen: 45.201 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:284 Resp: 497205  
Ion Ratio Lower Upper  
284 100  
142 32.8 22.0 33.0  
249 29.3 22.6 34.0





#69

Atrazine

Concen: 51.588 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF132904.D

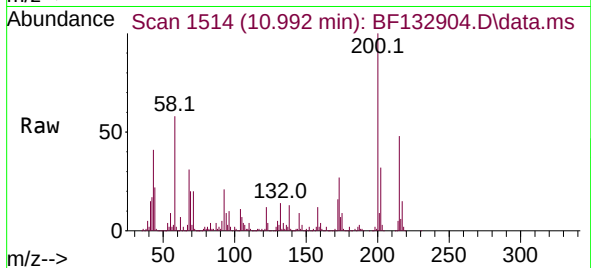
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



Tgt Ion:200 Resp: 436035

Ion Ratio Lower Upper

200 100

173 27.2 8.7 48.7

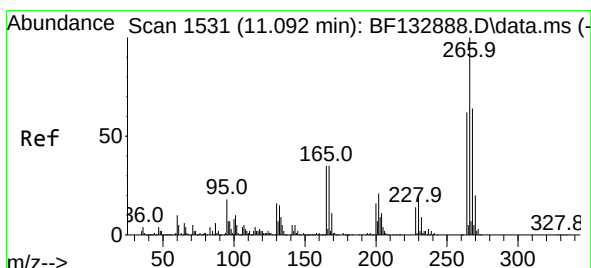
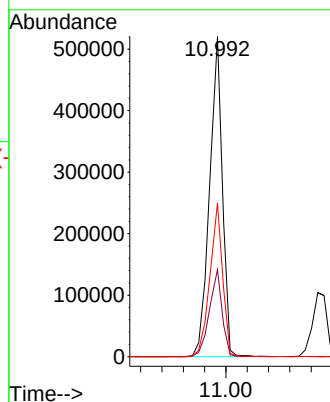
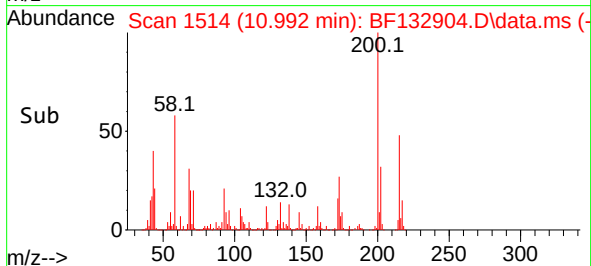
215 48.1 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#70

Pentachlorophenol

Concen: 82.875 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

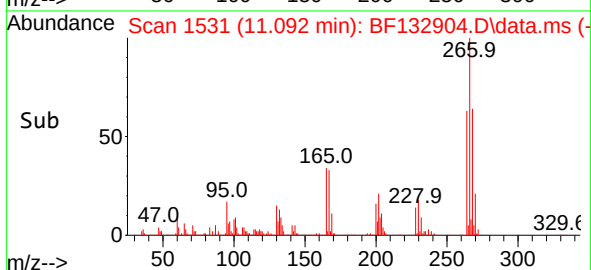
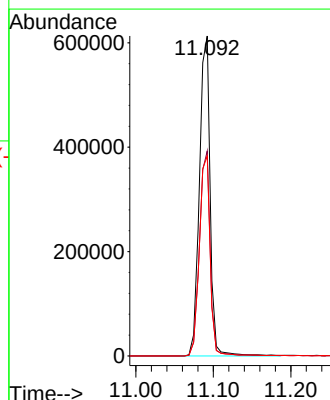
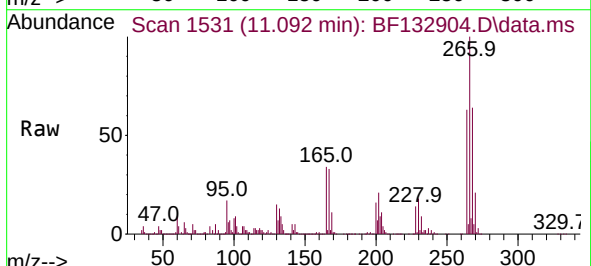
Tgt Ion:266 Resp: 588262

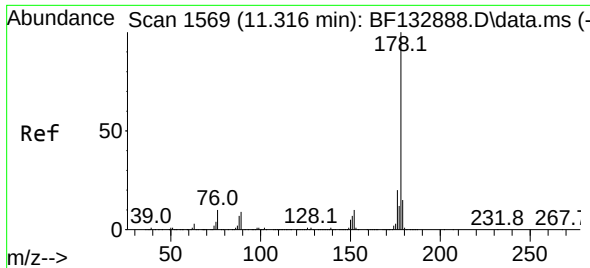
Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

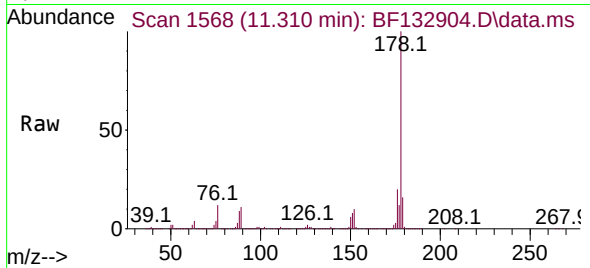
264 62.5 49.8 74.6





#71  
Phenanthrene  
Concen: 43.733 ng  
RT: 11.310 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

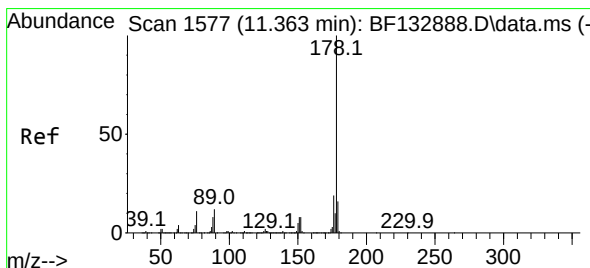
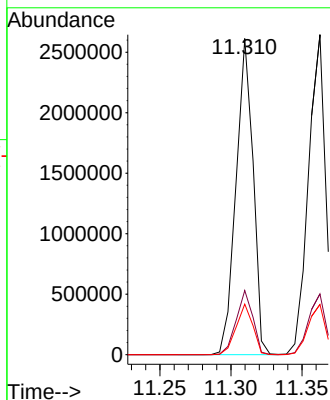
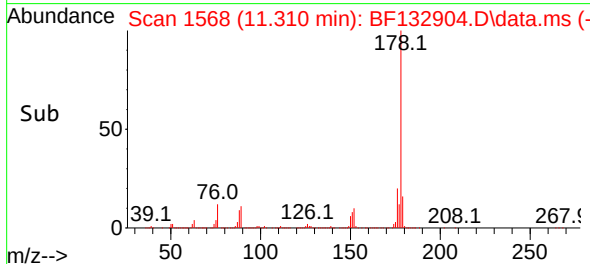
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:178 Resp: 218414  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.9 23.9  
179 16.0 12.3 18.5

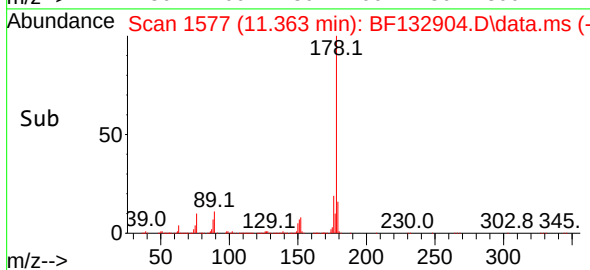
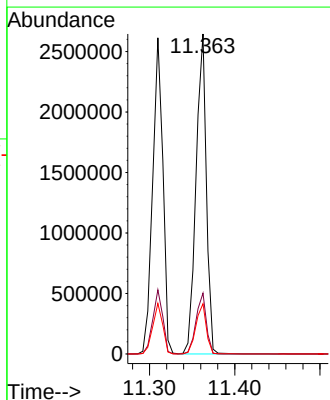
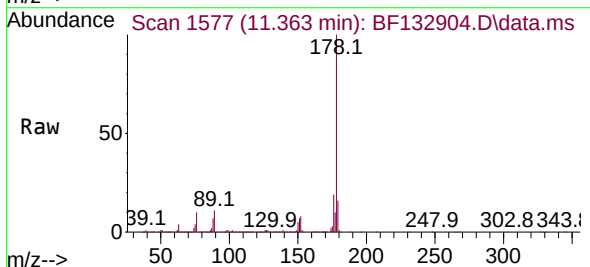
Manual Integrations  
APPROVED

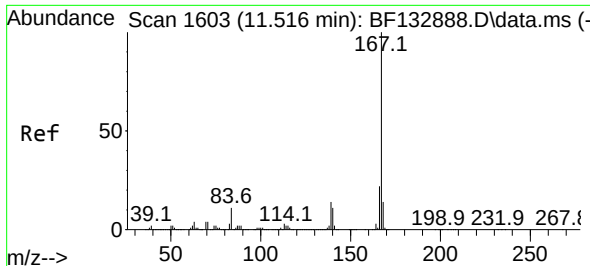
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#72  
Anthracene  
Concen: 43.636 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

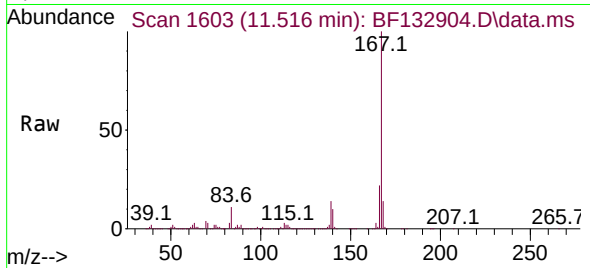
Tgt Ion:178 Resp: 2230933  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.7 12.8 19.2





#73  
 Carbazole  
 Concen: 46.082 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. 0.000 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

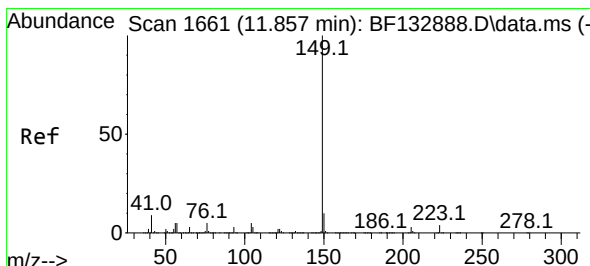
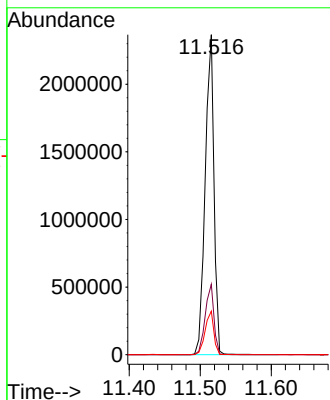
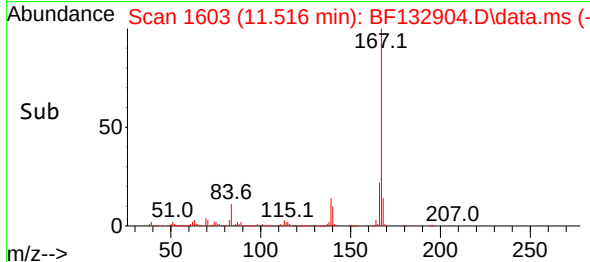
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16-COMPMS



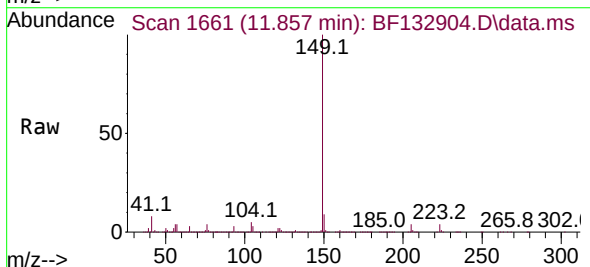
Tgt Ion:167 Resp: 2038558  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.4 26.2  
 139 13.6 11.0 16.4

Manual Integrations  
 APPROVED

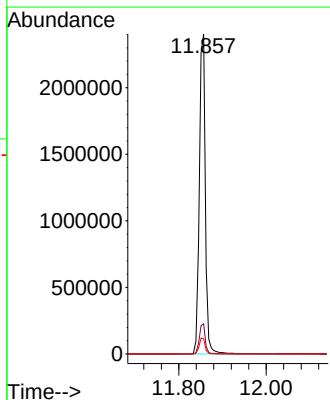
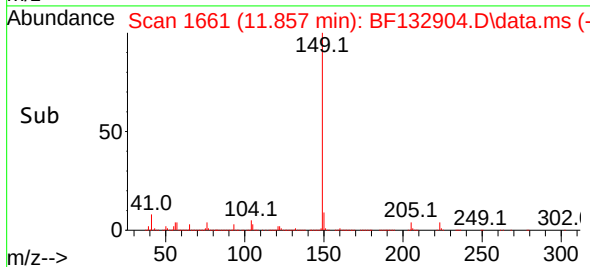
Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



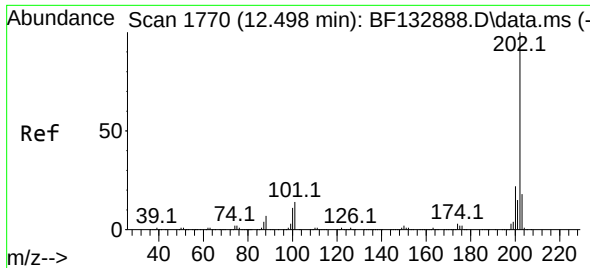
#74  
 Di-n-butylphthalate  
 Concen: 48.510 ng  
 RT: 11.857 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55



Tgt Ion:149 Resp: 2300455  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.6  
 104 4.7 4.2 6.2

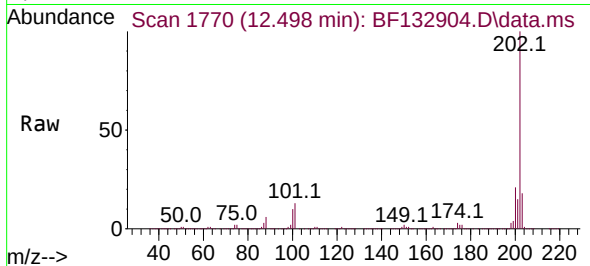






#75  
Fluoranthene  
Concen: 47.339 ng  
RT: 12.498 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

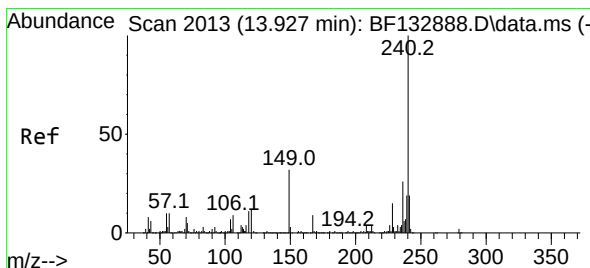
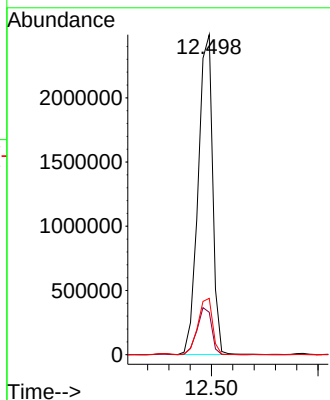
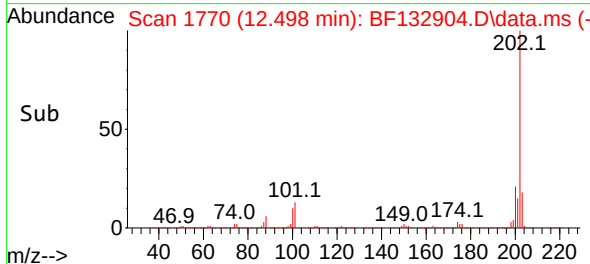
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:202 Resp: 235110  
Ion Ratio Lower Upper  
202 100  
101 13.2 0.0 34.5  
203 17.6 0.0 38.2

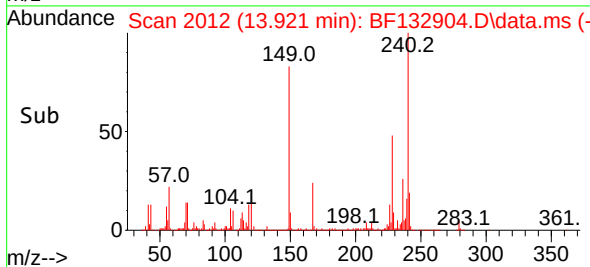
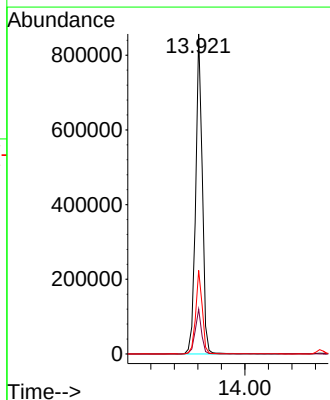
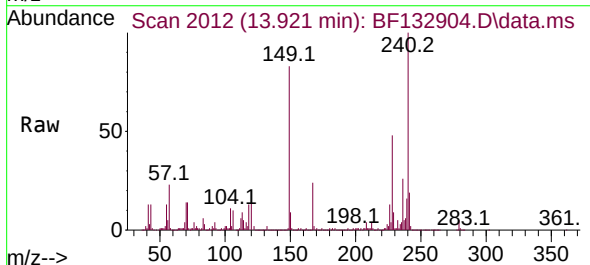
Manual Integrations  
APPROVED

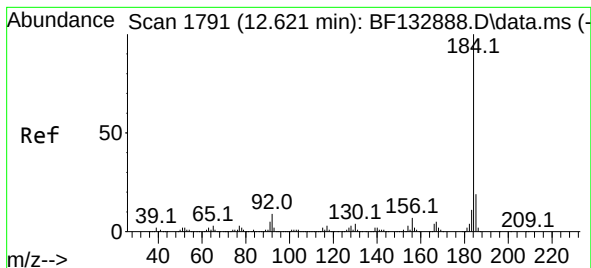
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:240 Resp: 669371  
Ion Ratio Lower Upper  
240 100  
120 14.0 10.0 15.0  
236 26.1 20.8 31.2





#77

Benzidine

Concen: 117.999 ng

RT: 12.621 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:184 Resp: 123040

Ion Ratio Lower Upper

184 100

185 16.8 14.9 22.3

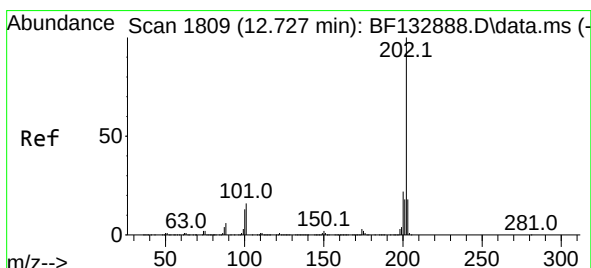
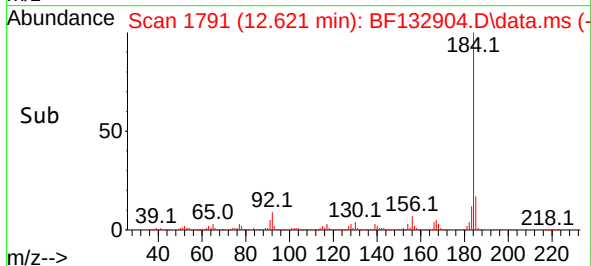
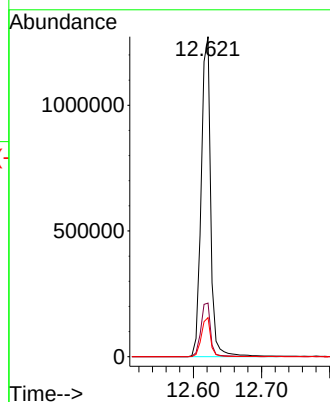
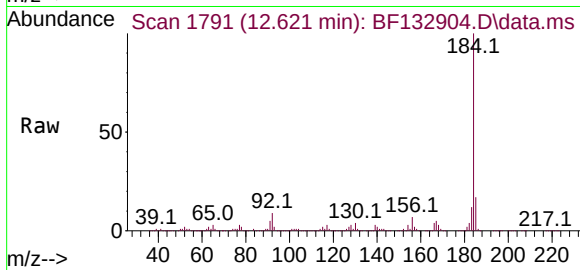
183 12.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#78

Pyrene

Concen: 44.527 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

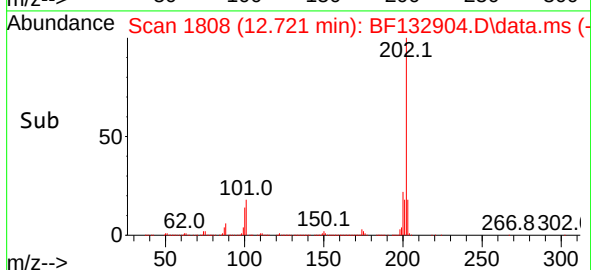
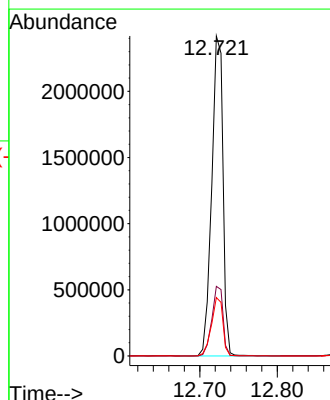
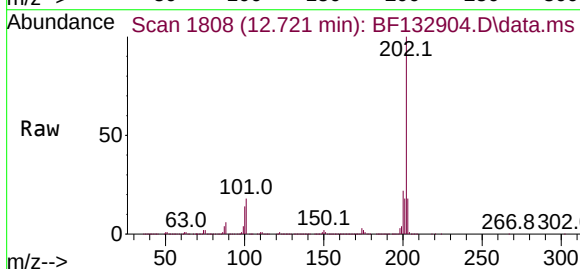
Tgt Ion:202 Resp: 2437142

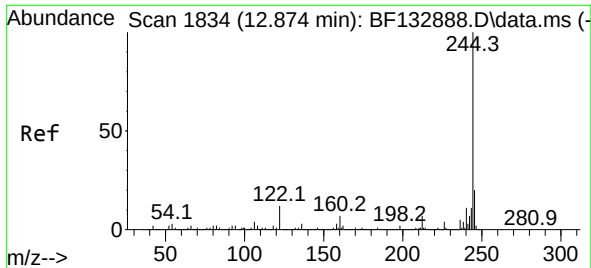
Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

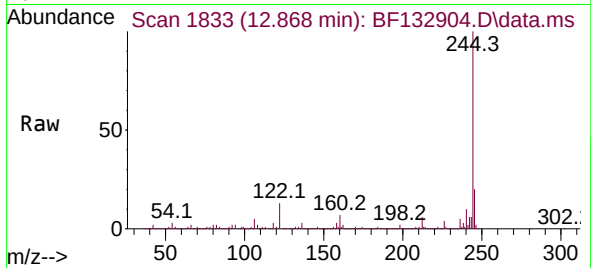
203 18.3 14.6 22.0





#79  
 Terphenyl-d14  
 Concen: 62.359 ng  
 RT: 12.868 min Scan# 1833  
 Delta R.T. -0.006 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

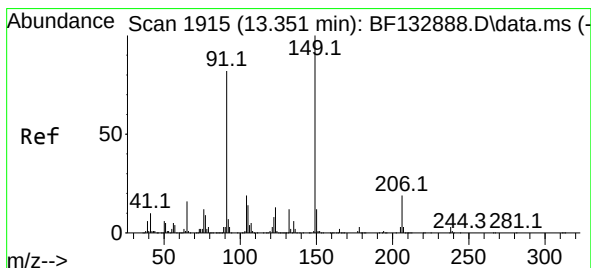
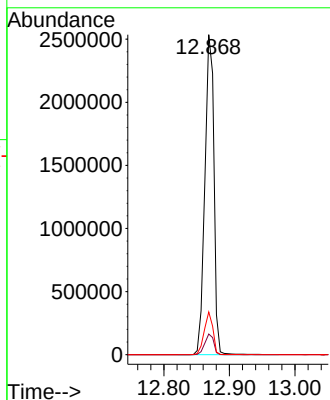
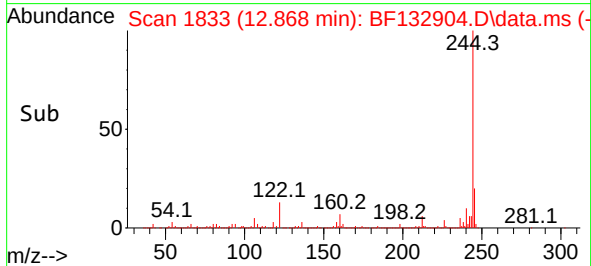
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16-COMPMS



Tgt Ion:244 Resp: 244661  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.0  
 122 13.3 9.6 14.4

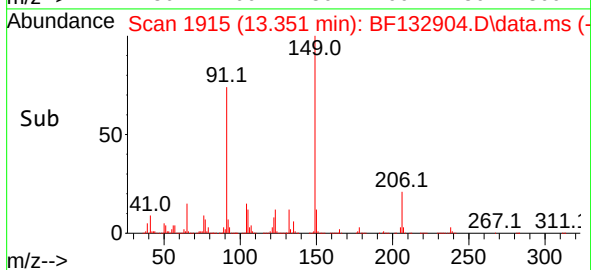
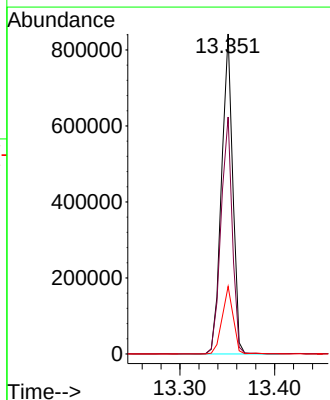
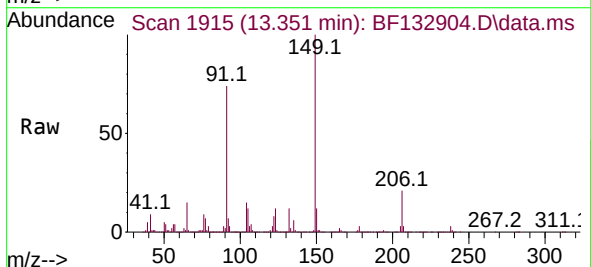
Manual Integrations  
 APPROVED

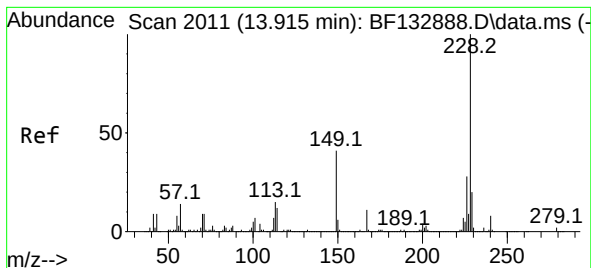
Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



#80  
 Butylbenzylphthalate  
 Concen: 52.026 ng  
 RT: 13.351 min Scan# 1915  
 Delta R.T. -0.000 min  
 Lab File: BF132904.D  
 Acq: 18 Apr 2023 16:55

Tgt Ion:149 Resp: 693549  
 Ion Ratio Lower Upper  
 149 100  
 91 74.0 65.4 98.0  
 206 21.1 15.6 23.4





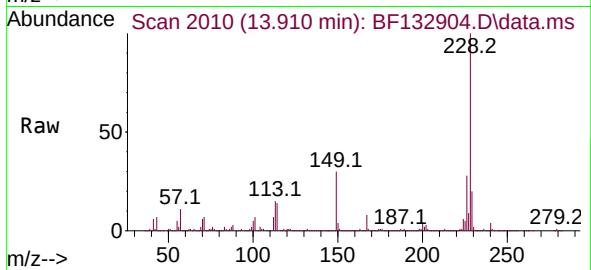
#81  
Benzo(a)anthracene  
Concen: 45.325 ng  
RT: 13.910 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

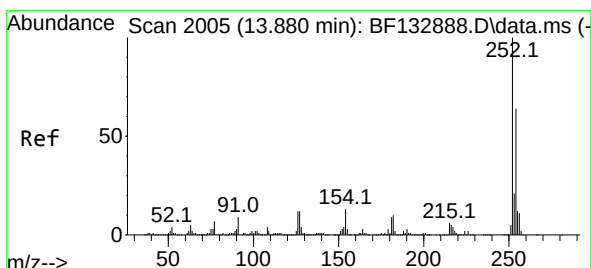
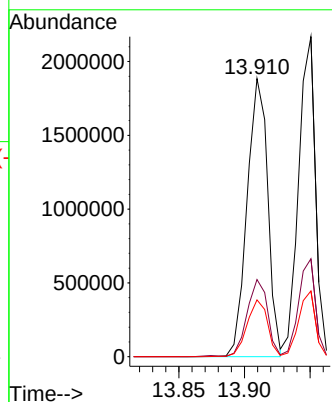
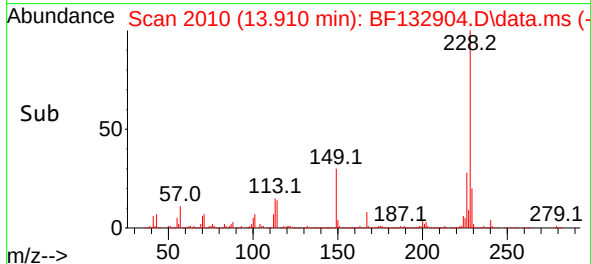


Tgt Ion:228 Resp: 206330  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.4 33.6  
229 20.4 16.2 24.2

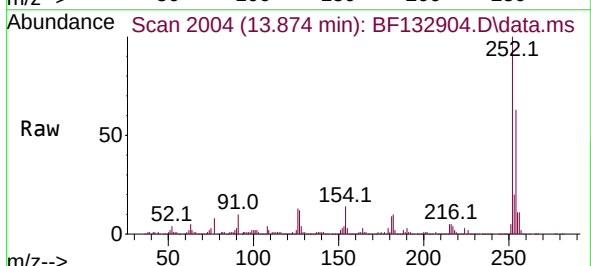
Manual Integrations

APPROVED

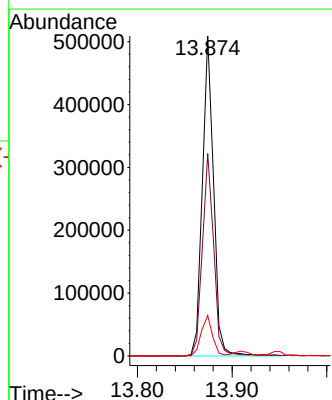
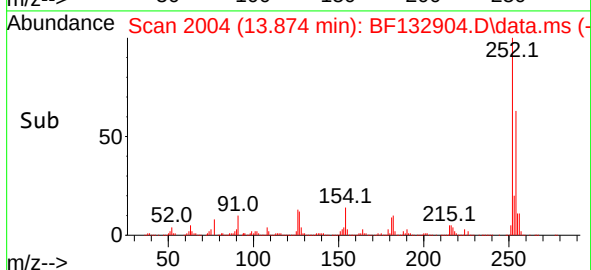
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

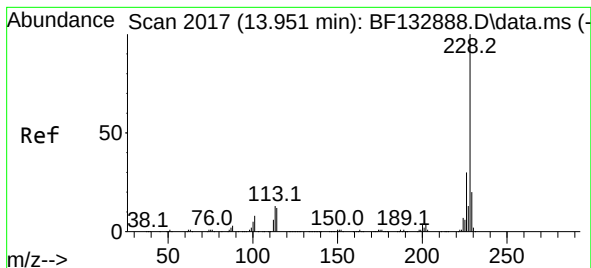


#82  
3,3'-Dichlorobenzidine  
Concen: 38.024 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55



Tgt Ion:252 Resp: 418703  
Ion Ratio Lower Upper  
252 100  
254 63.2 51.0 76.6  
126 12.7 9.8 14.6





#83

Chrysene

Concen: 42.813 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:228 Resp: 1937110

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

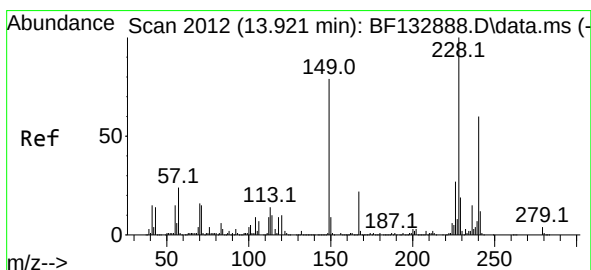
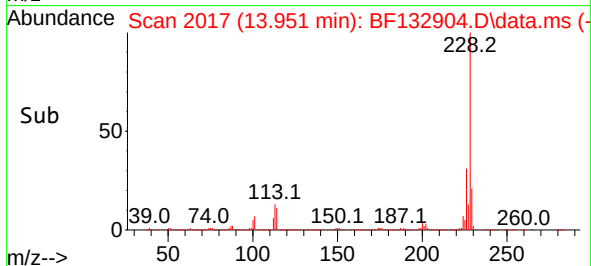
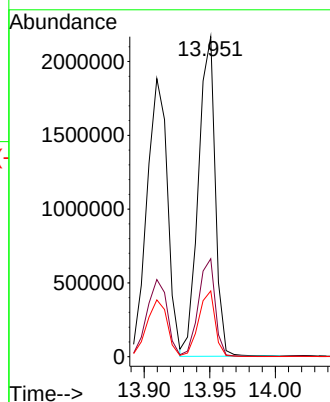
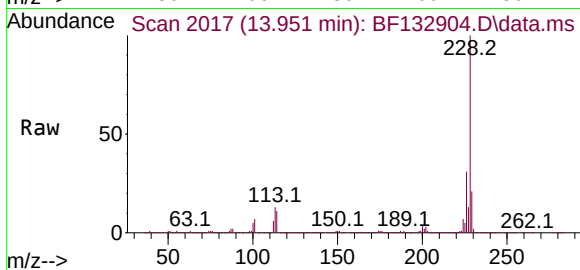
229 20.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.933 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

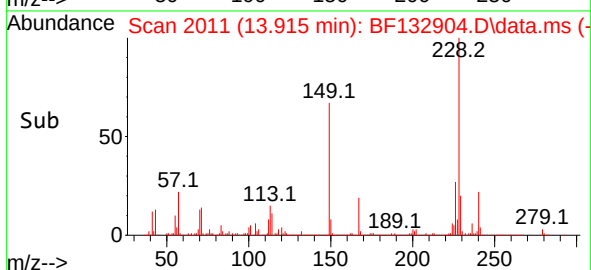
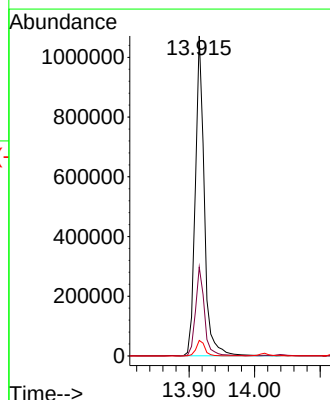
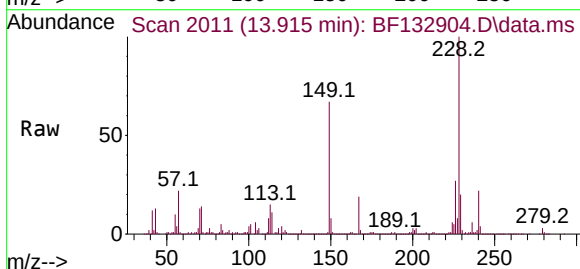
Tgt Ion:149 Resp: 1020325

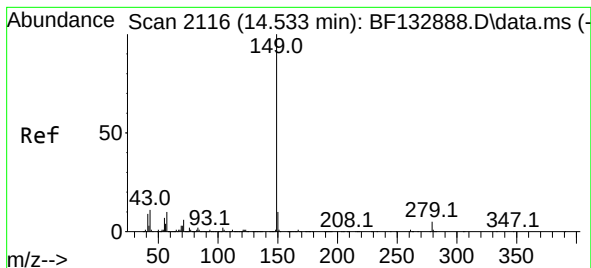
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 51.341 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

Tgt Ion:149 Resp: 195131

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

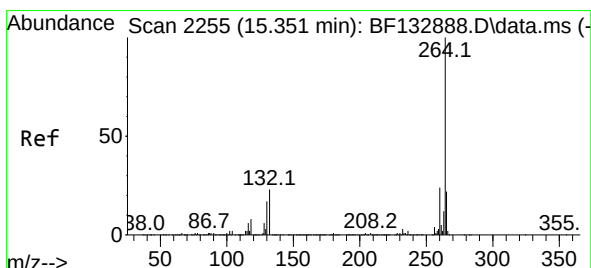
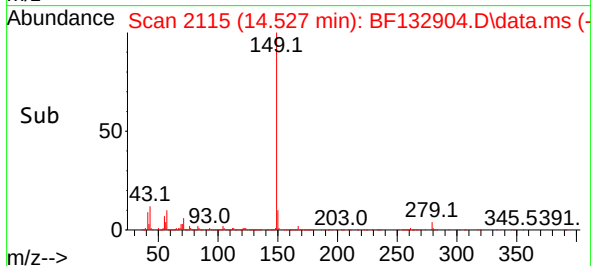
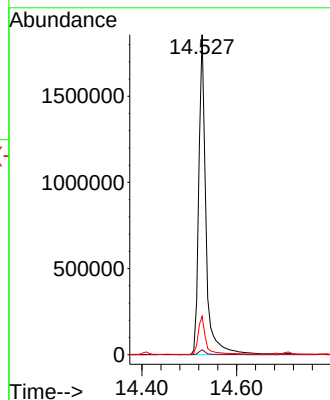
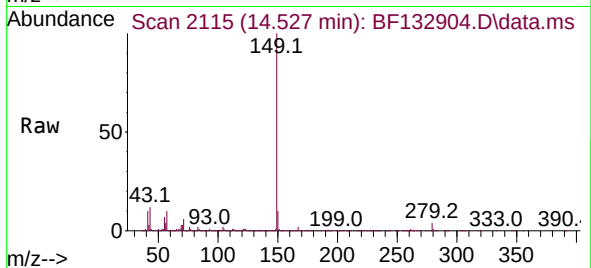
43 13.1 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

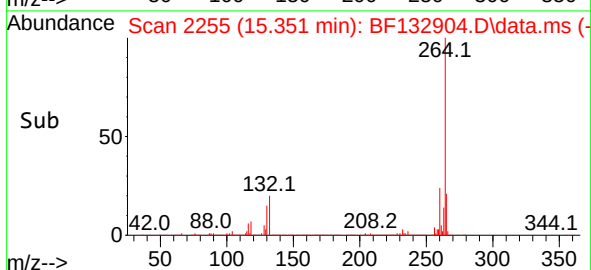
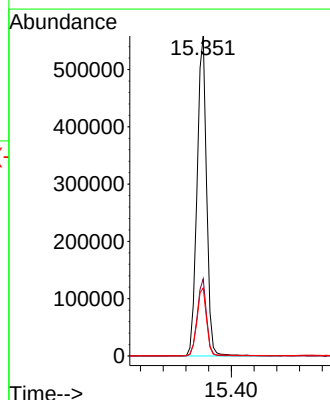
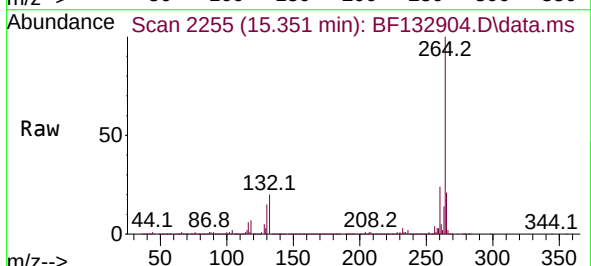
Tgt Ion:264 Resp: 655038

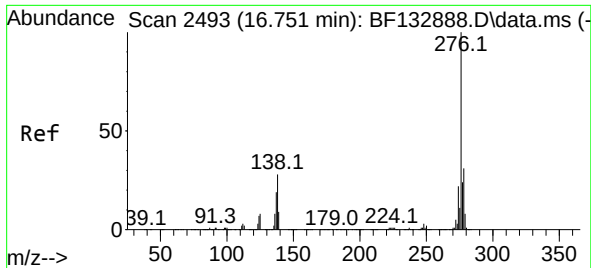
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.3 17.7 26.5





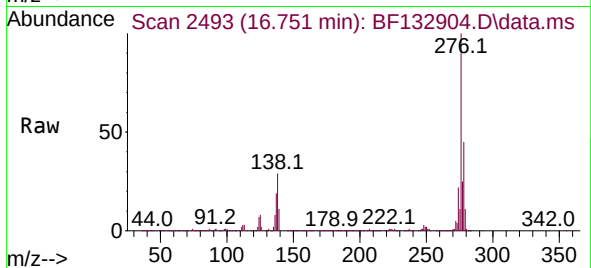
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.303 ng  
RT: 16.751 min Scan# 2493  
Delta R.T. -0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS

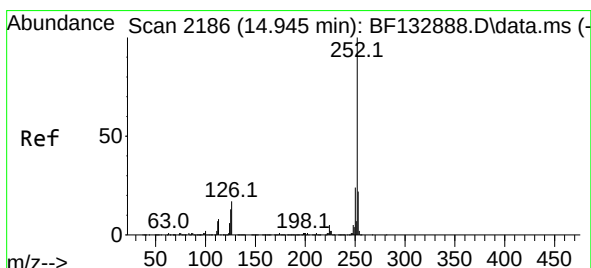
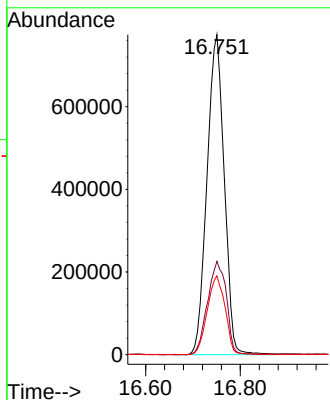
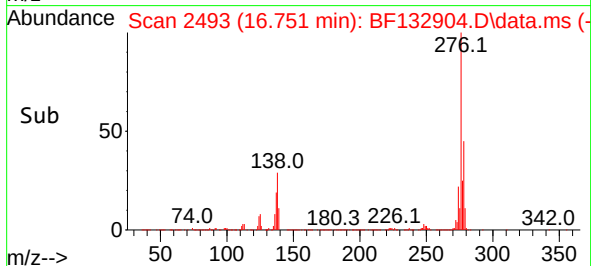


Tgt Ion:276 Resp: 1957664  
Ion Ratio Lower Upper  
276 100  
138 31.8 25.5 38.3  
277 25.3 20.3 30.5

Manual Integrations

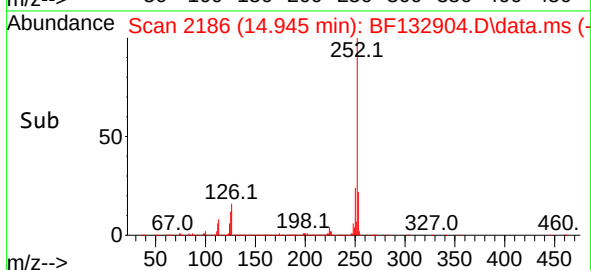
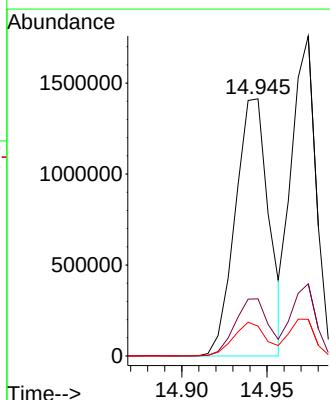
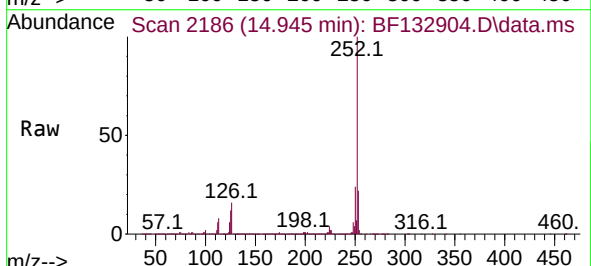
APPROVED

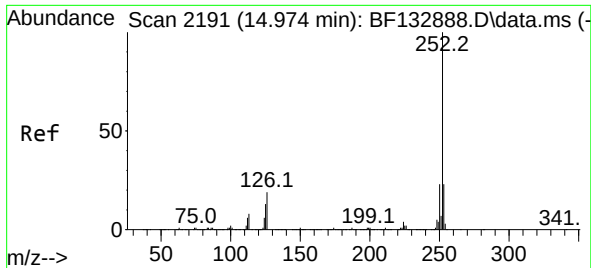
Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



#88  
Benzo(b)fluoranthene  
Concen: 47.626 ng  
RT: 14.945 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

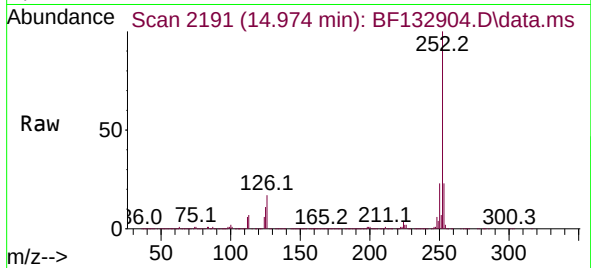
Tgt Ion:252 Resp: 1943252  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 11.6 10.0 15.0





#89  
Benzo(k)fluoranthene  
Concen: 43.115 ng  
RT: 14.974 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

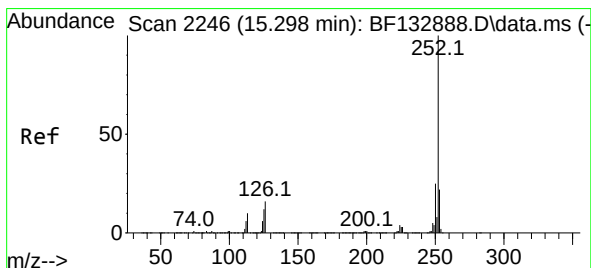
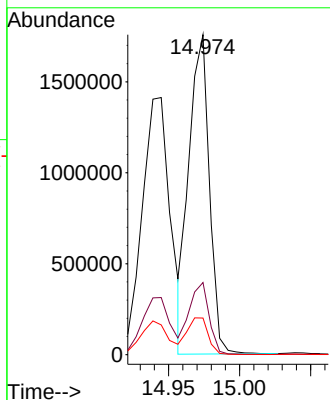
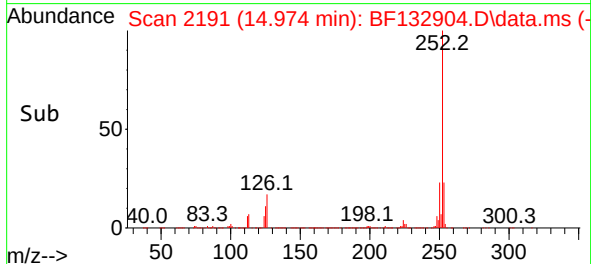
Instrument :  
BNA\_F  
ClientSampleId :  
SB-16-COMPMS



Tgt Ion:252 Resp: 1752460  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 11.4 10.0 15.0

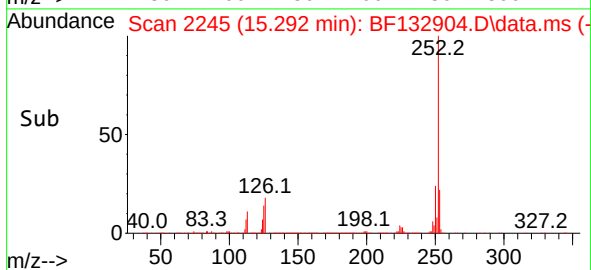
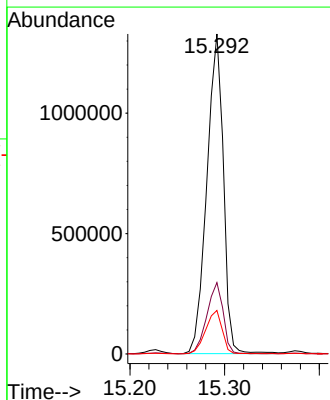
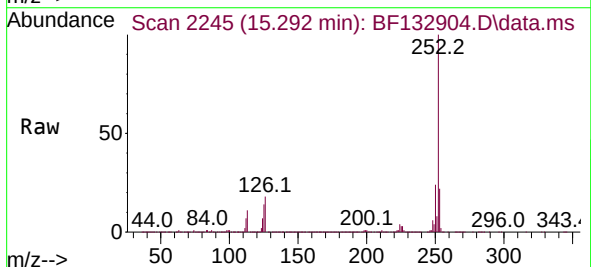
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023

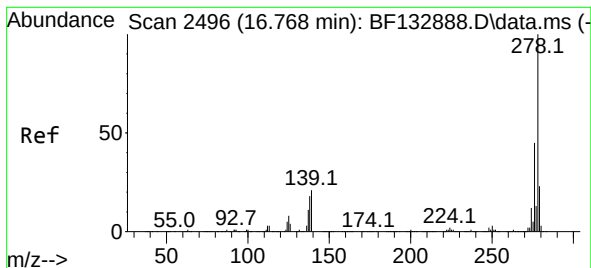


#90  
Benzo(a)pyrene  
Concen: 43.200 ng  
RT: 15.292 min Scan# 2245  
Delta R.T. -0.006 min  
Lab File: BF132904.D  
Acq: 18 Apr 2023 16:55

Tgt Ion:252 Resp: 1610370  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 13.6 9.9 14.9







#91

Dibenzo(a,h)anthracene

Concen: 50.937 ng

RT: 16.768 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BF132904.D

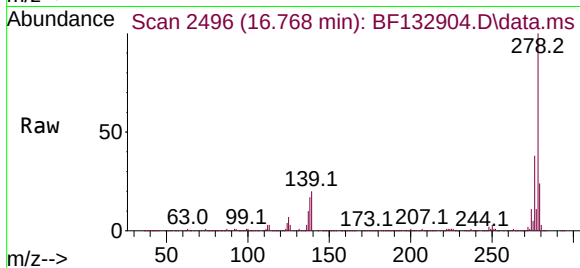
Acq: 18 Apr 2023 16:55

Instrument :

BNA\_F

ClientSampleId :

SB-16-COMPMS



Tgt Ion:278 Resp: 1624470

Ion Ratio Lower Upper

278 100

139 20.5 16.7 25.1

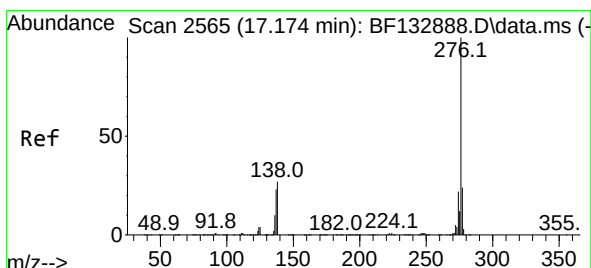
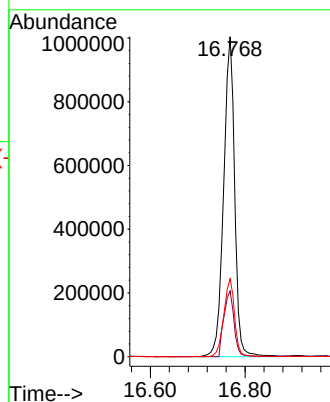
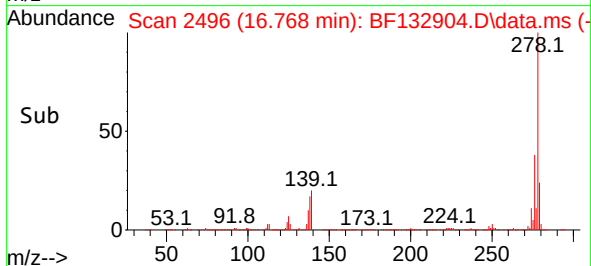
279 24.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#92

Benzo(g,h,i)perylene

Concen: 52.667 ng

RT: 17.174 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BF132904.D

Acq: 18 Apr 2023 16:55

Tgt Ion:276 Resp: 1608205

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 26.5 21.7 32.5

