

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120224\  
 Data File : BF140681.D  
 Acq On : 02 Dec 2024 10:22  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 11:01:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 83338    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 303615   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 170338   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 321182   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 183379   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 15.580 | 264  | 159952   | 20.000 | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 382644   | 78.340 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 503620   | 77.993 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 462395   | 77.900 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 143600   | 78.824 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 887711   | 77.648 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 925492   | 78.587 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 80587    | 39.241 | ng    | 98       |
| 3) Pyridine                   | 3.405  | 79   | 186860   | 41.355 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.358  | 42   | 95688    | 36.032 | ng    | 90       |
| 6) Aniline                    | 6.534  | 93   | 194317   | 42.754 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 208041   | 39.590 | ng    | 95       |
| 9) Benzaldehyde               | 6.428  | 77   | 128910   | 37.711 | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 263164   | 39.907 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 195007   | 38.644 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 230350   | 39.012 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 231965   | 38.799 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 220894   | 39.430 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 188408   | 39.344 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.146  | 45   | 227260   | 38.120 | ng    | 89       |
| 17) 2-Methylphenol            | 7.128  | 107  | 164823   | 39.183 | ng    | 96       |
| 18) Hexachloroethane          | 7.381  | 117  | 85417    | 38.253 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 143772   | 37.674 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 211717   | 39.158 | ng    | 93       |
| 22) Acetophenone              | 7.281  | 105  | 292987   | 39.582 | ng    | 98       |
| 24) Nitrobenzene              | 7.457  | 77   | 242462   | 39.523 | ng    | 98       |
| 25) Isophorone                | 7.693  | 82   | 388993   | 39.291 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.769  | 139  | 109812   | 40.392 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 138372m  | 42.539 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 235112   | 38.982 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 172933   | 40.122 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 192346   | 39.084 | ng    | 99       |
| 31) Naphthalene               | 8.175  | 128  | 619717   | 39.627 | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 91308    | 34.616 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 197835   | 42.251 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 128217   | 39.335 | ng    | 100      |
| 35) Caprolactam               | 8.598  | 113  | 53801    | 40.334 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 190334   | 39.440 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 397855   | 40.053 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 384537   | 39.495 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 195747   | 39.254 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 39649    | 39.441 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 121729   | 38.903 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120224\  
 Data File : BF140681.D  
 Acq On : 02 Dec 2024 10:22  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 11:01:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 133861   | 39.418 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 502088   | 39.480 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 382473   | 39.690 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 121591   | 39.310 | ng    | 97       |
| 49) Acenaphthylene            | 9.769  | 152  | 570128   | 39.157 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 435690   | 38.837 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 101239   | 39.791 | ng    | 98       |
| 52) Acenaphthene              | 9.939  | 154  | 365569   | 39.516 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 101271   | 40.697 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 39753    | 35.042 | ng    | 98       |
| 55) Dibenzofuran              | 10.116 | 168  | 552732   | 39.170 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 58348    | 34.381 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 138145   | 40.854 | ng    | 97       |
| 58) Fluorene                  | 10.457 | 166  | 447025   | 39.467 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 101757   | 38.989 | ng    | 97       |
| 60) Diethylphthalate          | 10.322 | 149  | 442920   | 38.859 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 221567   | 39.860 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 106239   | 40.706 | ng    | 96       |
| 63) Azobenzene                | 10.610 | 77   | 421993   | 39.095 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 68986    | 42.032 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 370469   | 39.004 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 131430   | 39.735 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 148373   | 38.740 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 95071    | 35.580 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 60904    | 36.131 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 608173   | 39.392 | ng    | 100      |
| 72) Anthracene                | 11.475 | 178  | 600668   | 39.774 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 584648   | 40.242 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 648784   | 38.680 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 676451   | 40.355 | ng    | 100      |
| 77) Benzidine                 | 12.739 | 184  | 181013   | 33.951 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 687839   | 40.567 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 246541   | 40.363 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 483983   | 39.870 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 141622   | 38.858 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 440189   | 39.658 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 308576   | 40.009 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.669 | 149  | 418059   | 39.662 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.104 | 276  | 404685   | 38.823 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 397834   | 39.598 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.169 | 252  | 335170   | 38.123 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.516 | 252  | 319834   | 39.153 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.110 | 278  | 328020   | 38.424 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.562 | 276  | 340327   | 39.067 | ng    | 99       |

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

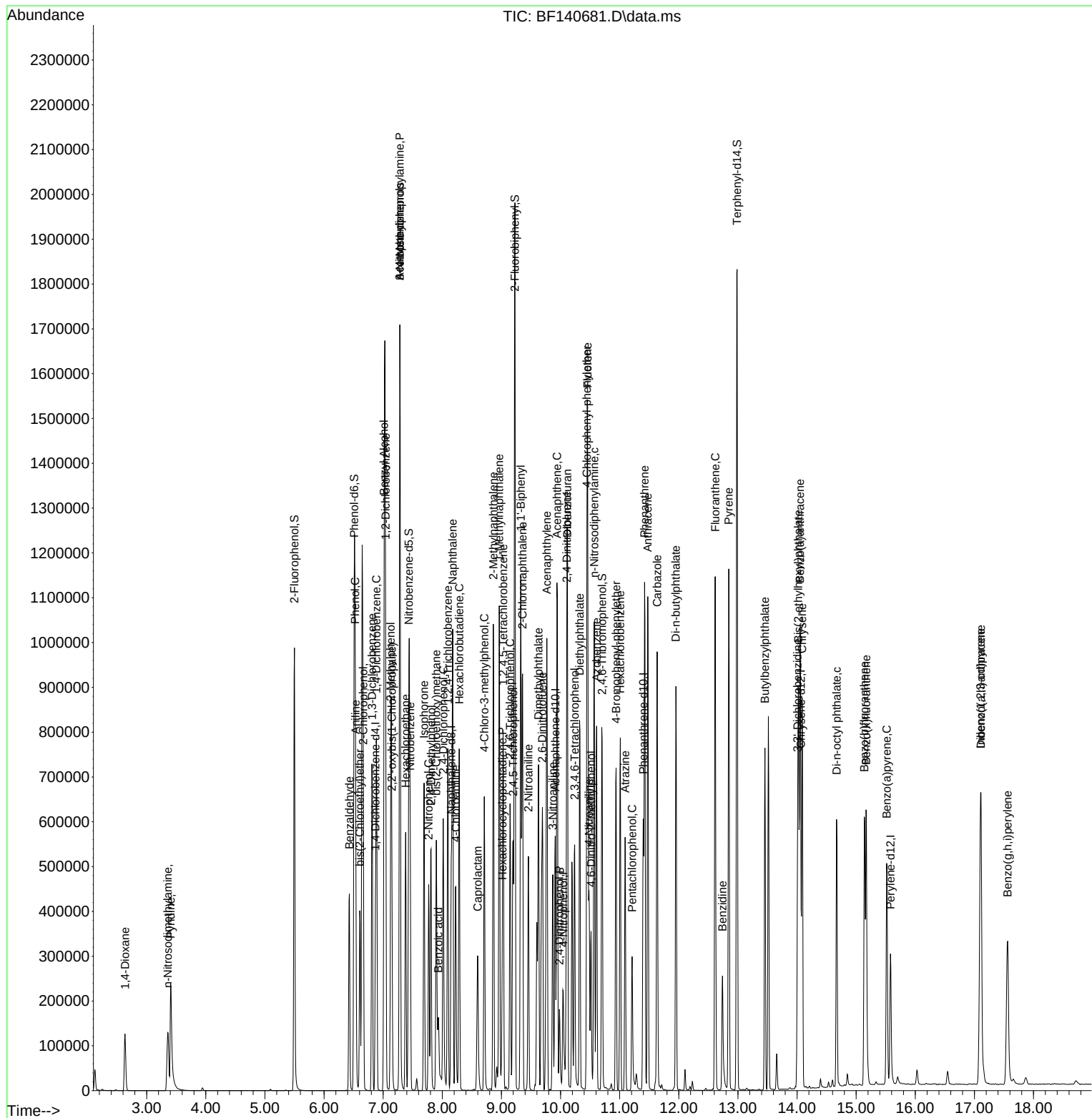
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120224\  
Data File : BF140681.D  
Acq On : 02 Dec 2024 10:22  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

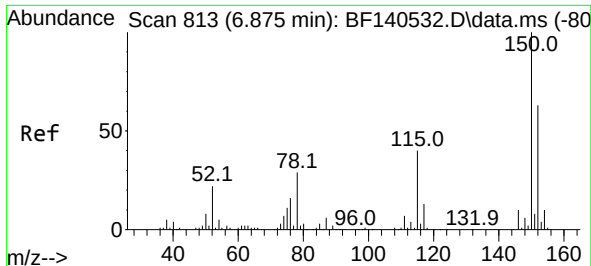
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Quant Time: Dec 02 11:01:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024





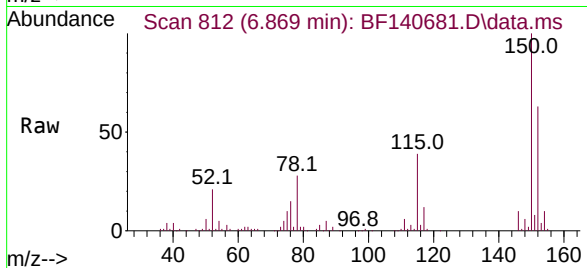
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

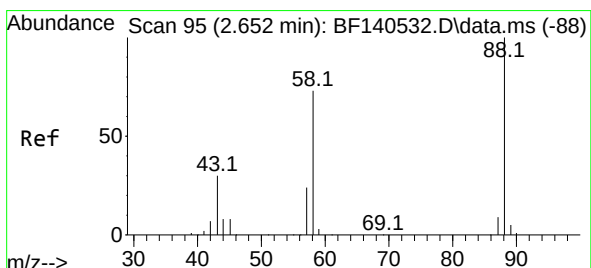
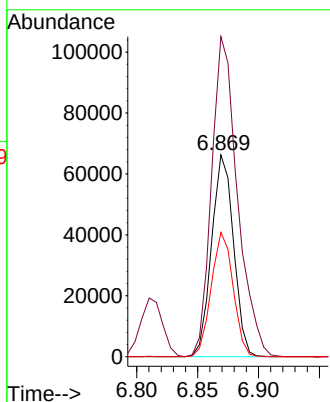
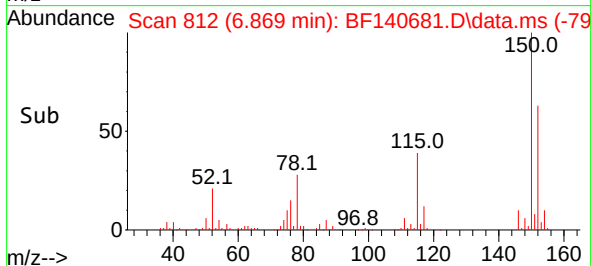


Tgt Ion:152 Resp: 83338  
Ion Ratio Lower Upper  
152 100  
150 158.5 128.5 192.7  
115 61.6 50.2 75.4

Manual Integrations

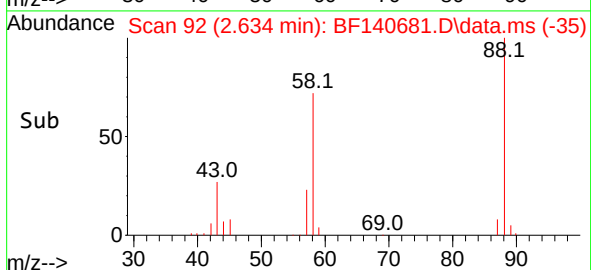
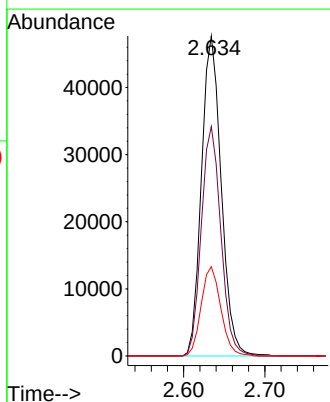
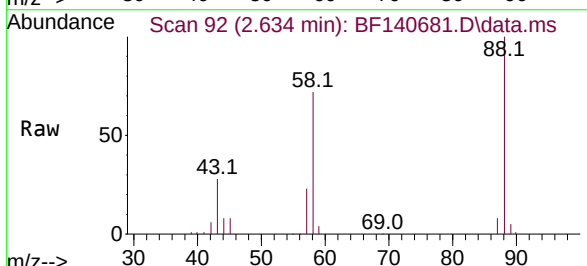
APPROVED

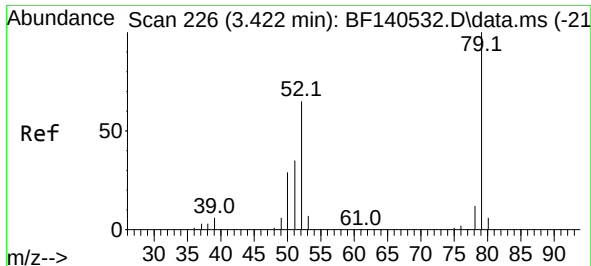
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#2  
1,4-Dioxane  
Concen: 39.241 ng  
RT: 2.634 min Scan# 92  
Delta R.T. -0.018 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion: 88 Resp: 80587  
Ion Ratio Lower Upper  
88 100  
58 70.8 57.4 86.2  
43 27.8 24.3 36.5





#3  
Pyridine  
Concen: 41.355 ng  
RT: 3.405 min Scan# 215  
Delta R.T. -0.018 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

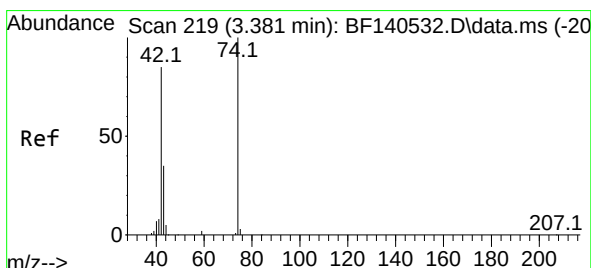
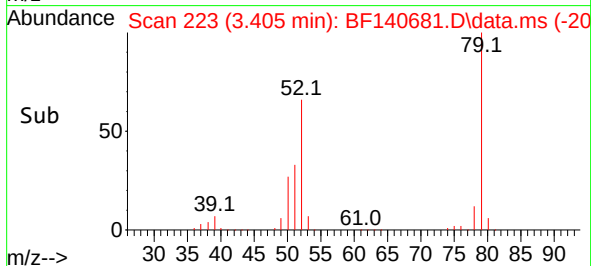
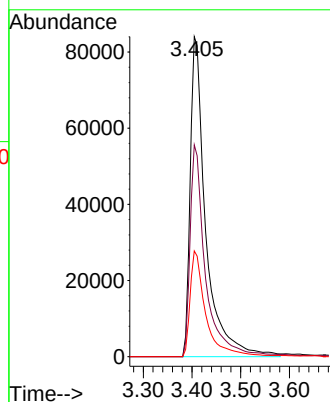
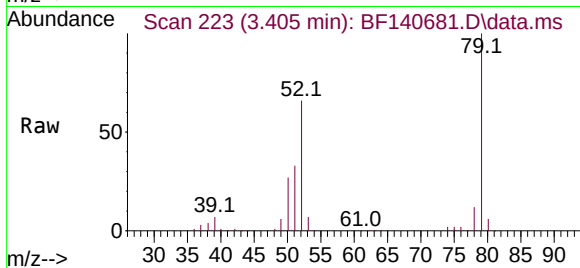
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 186860  
Ion Ratio Lower Upper  
79 100  
52 66.2 52.1 78.1  
51 33.1 27.8 41.8

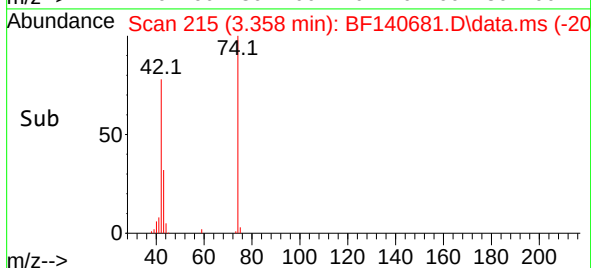
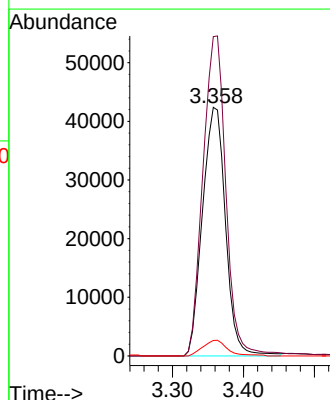
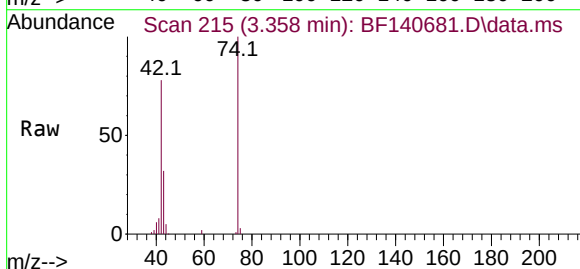
Manual Integrations  
APPROVED

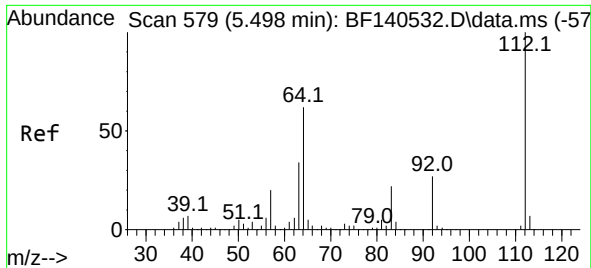
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#4  
n-Nitrosodimethylamine  
Concen: 36.032 ng  
RT: 3.358 min Scan# 215  
Delta R.T. -0.023 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion: 42 Resp: 95688  
Ion Ratio Lower Upper  
42 100  
74 128.5 93.8 140.6  
44 6.3 4.6 6.8





#5  
2-Fluorophenol  
Concen: 78.340 ng  
RT: 5.499 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

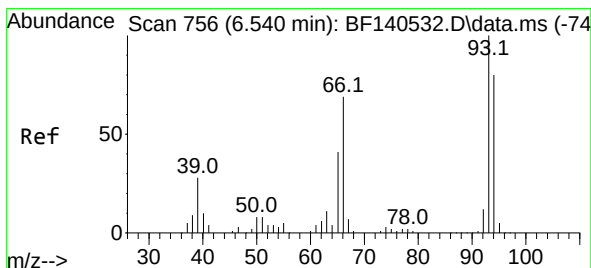
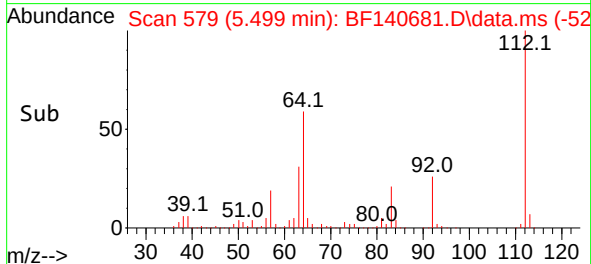
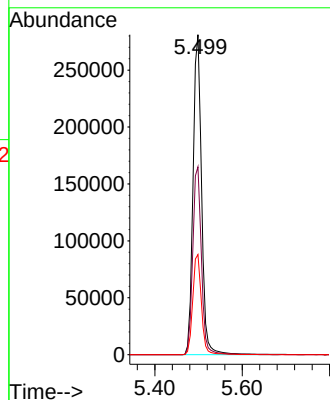
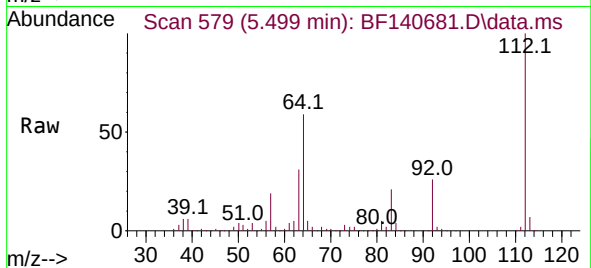
SSTDCCC040

Tgt Ion:112 Resp: 382644  
Ion Ratio Lower Upper  
112 100  
64 58.7 49.2 73.8  
63 31.3 27.0 40.4

Manual Integrations

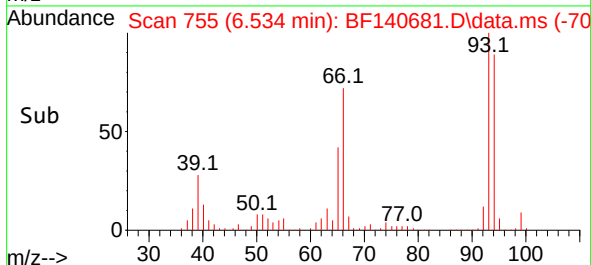
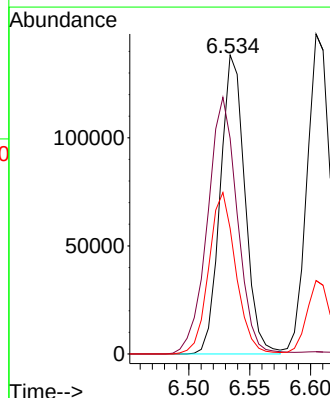
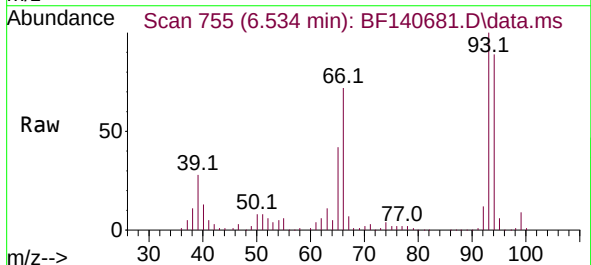
APPROVED

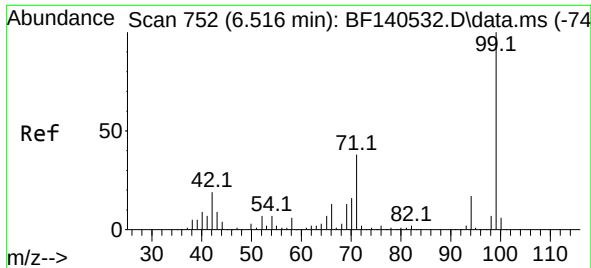
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#6  
Aniline  
Concen: 42.754 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

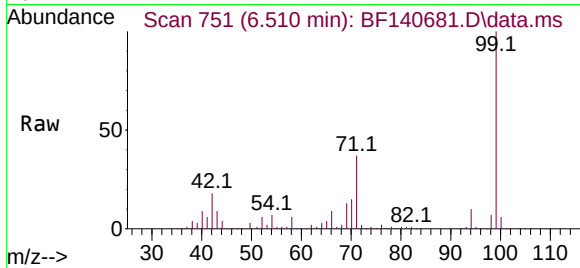
Tgt Ion: 93 Resp: 194317  
Ion Ratio Lower Upper  
93 100  
66 72.1 56.5 84.7  
65 42.0 32.9 49.3





#7  
Phenol-d6  
Concen: 77.993 ng  
RT: 6.510 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

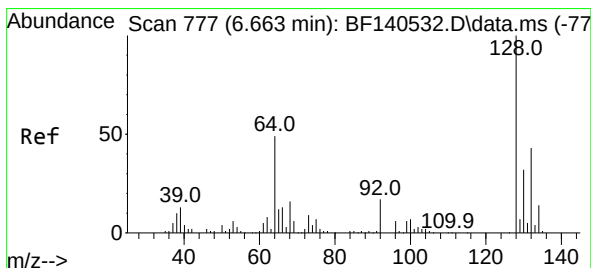
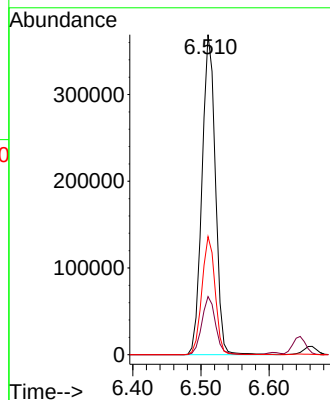
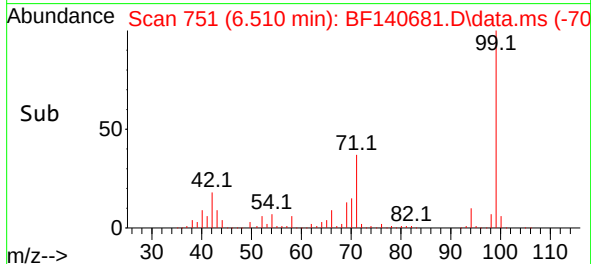
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 503620  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.4 23.0  
71 36.9 30.6 46.0

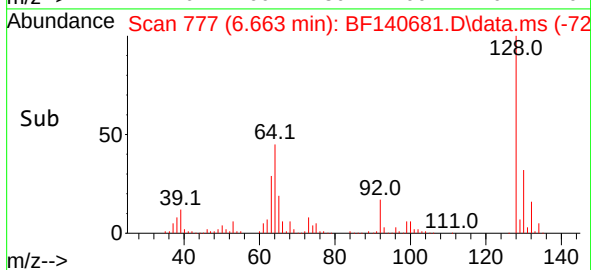
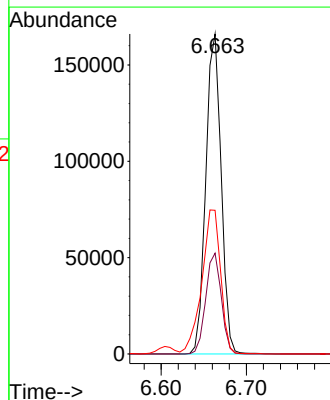
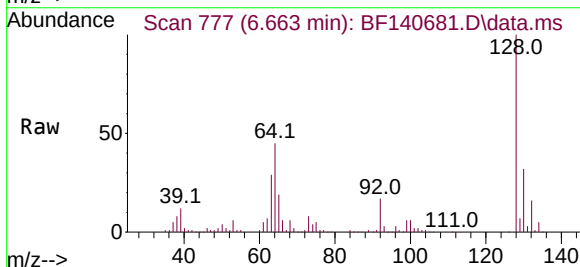
Manual Integrations  
APPROVED

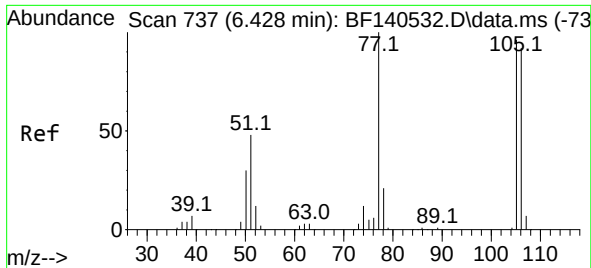
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#8  
2-Chlorophenol  
Concen: 39.590 ng  
RT: 6.663 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:128 Resp: 208041  
Ion Ratio Lower Upper  
128 100  
130 31.5 12.3 52.3  
64 44.9 30.2 70.2





#9

Benzaldehyde

Concen: 37.711 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 128910

Ion Ratio Lower Upper

77 100

105 96.8 75.6 115.6

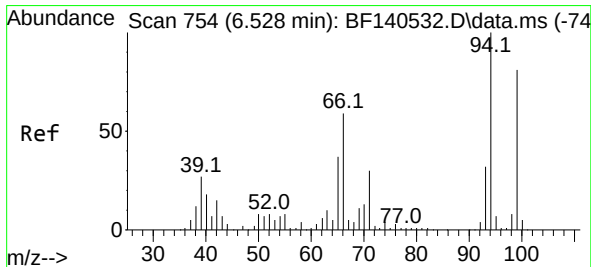
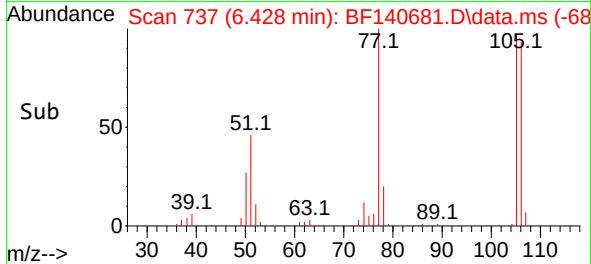
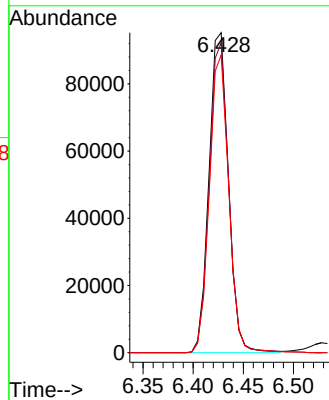
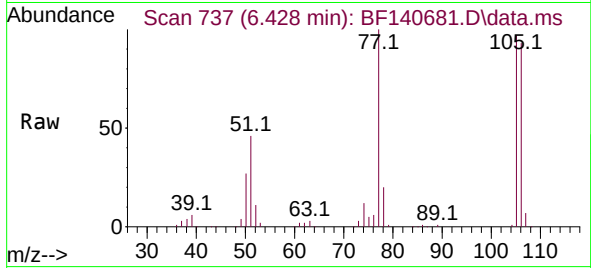
106 93.1 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#10

Phenol

Concen: 39.907 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

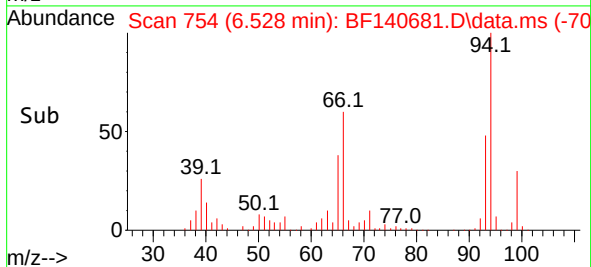
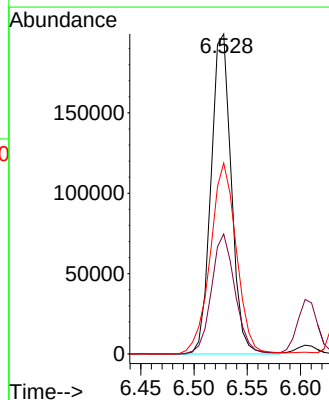
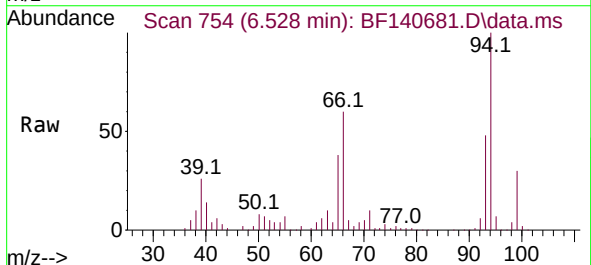
Tgt Ion: 94 Resp: 263164

Ion Ratio Lower Upper

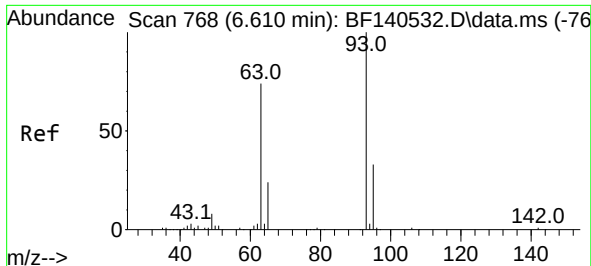
94 100

65 37.5 17.2 57.2

66 59.6 39.2 79.2







#11  
bis(2-Chloroethyl)ether  
Concen: 38.644 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

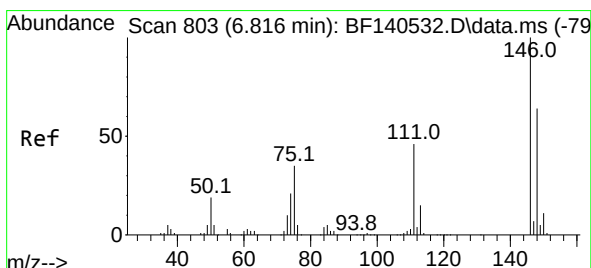
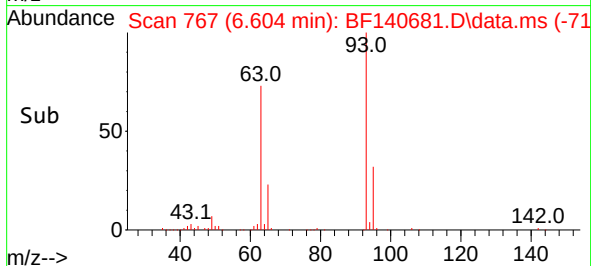
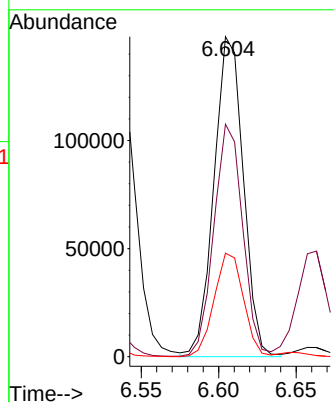
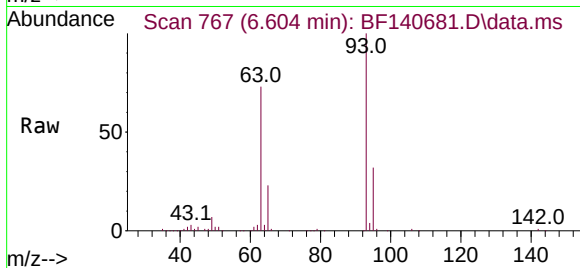
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 19500  
Ion Ratio Lower Upper  
93 100  
63 72.7 52.8 92.8  
95 32.4 12.3 52.3

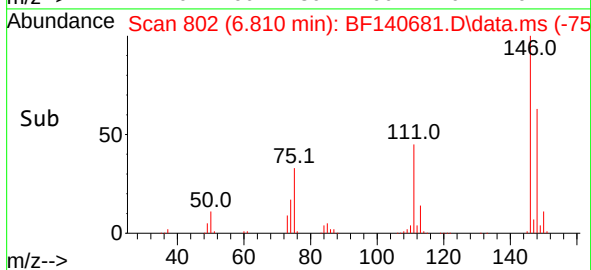
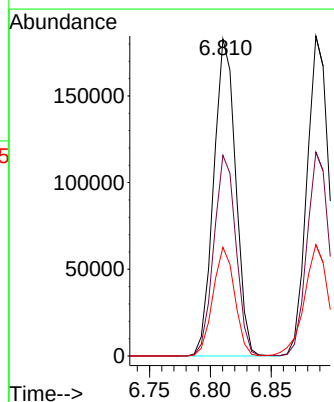
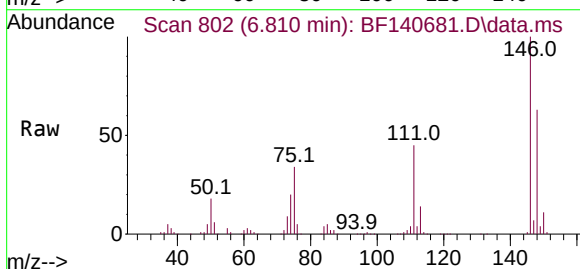
Manual Integrations  
APPROVED

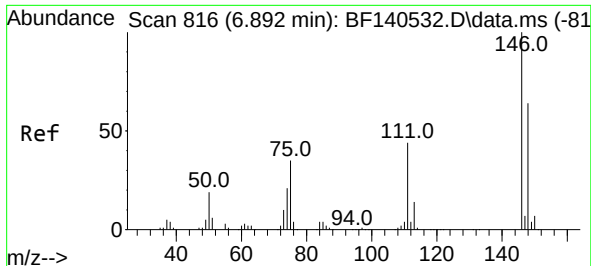
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#12  
1,3-Dichlorobenzene  
Concen: 39.012 ng  
RT: 6.810 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:146 Resp: 230350  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.3 76.9  
75 34.2 28.2 42.2





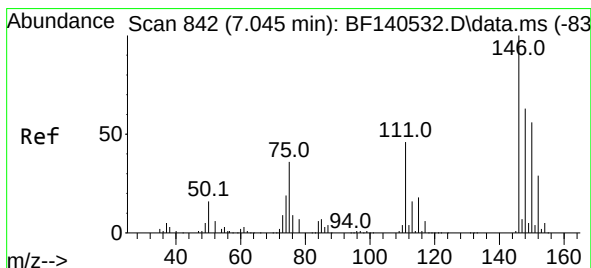
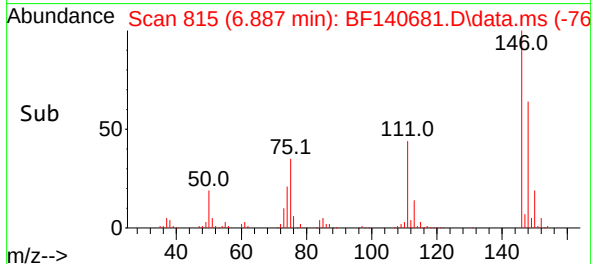
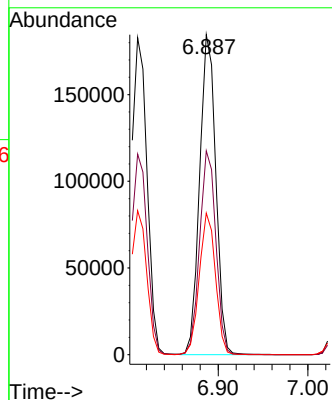
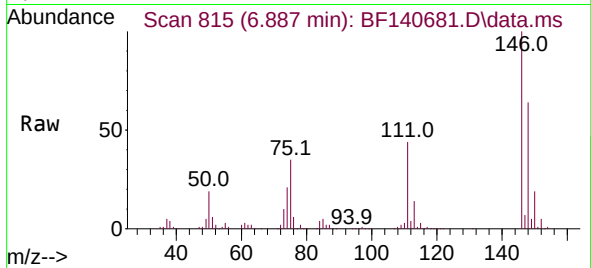
#13  
1,4-Dichlorobenzene  
Concen: 38.799 ng  
RT: 6.887 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 23196  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.6  
111 44.2 35.3 52.9

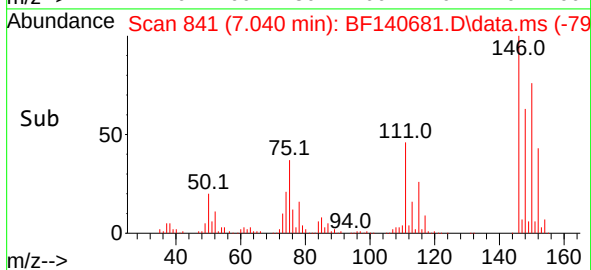
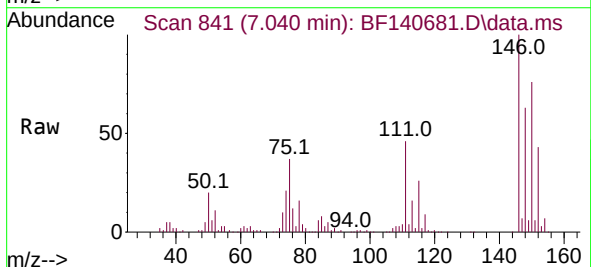
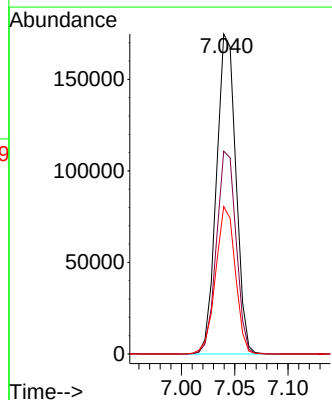
Manual Integrations  
APPROVED

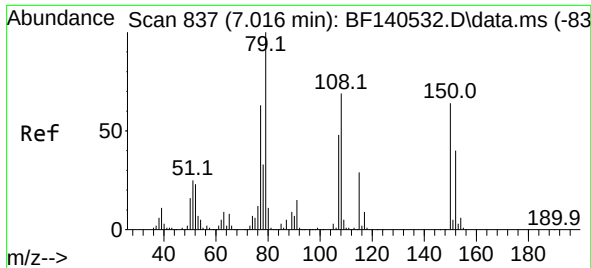
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#14  
1,2-Dichlorobenzene  
Concen: 39.430 ng  
RT: 7.040 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

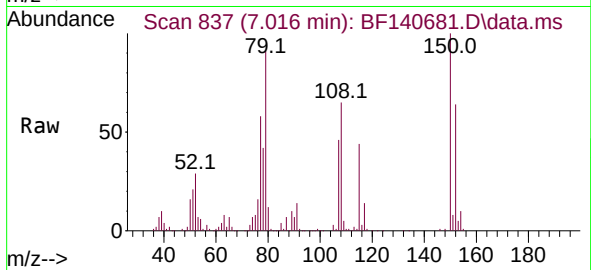
Tgt Ion:146 Resp: 220894  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.5 75.7  
111 46.1 36.7 55.1





#15  
Benzyl Alcohol  
Concen: 39.344 ng  
RT: 7.016 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

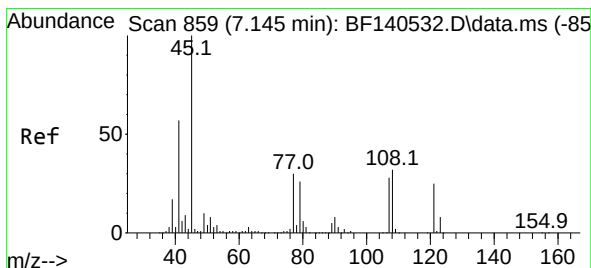
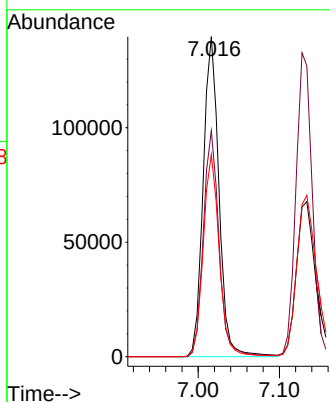
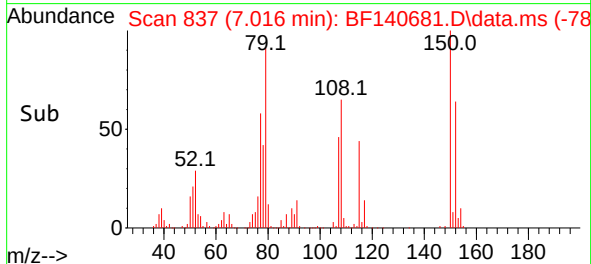
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 188408  
Ion Ratio Lower Upper  
79 100  
108 70.6 55.0 82.6  
77 63.2 50.1 75.1

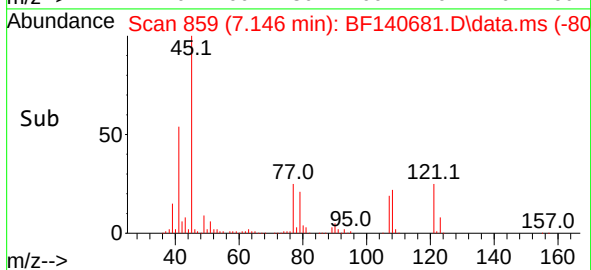
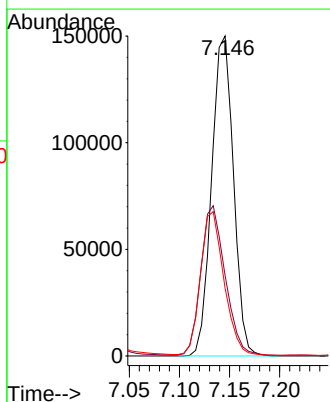
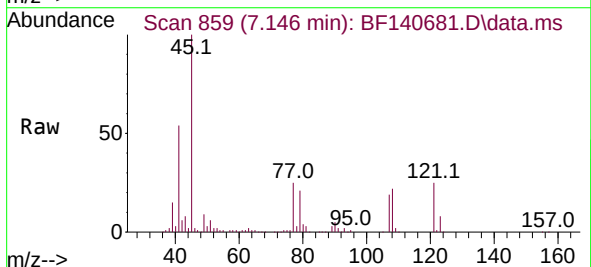
Manual Integrations  
APPROVED

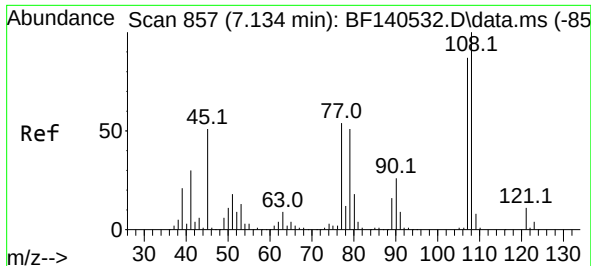
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.120 ng  
RT: 7.146 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion: 45 Resp: 227260  
Ion Ratio Lower Upper  
45 100  
77 25.1 10.7 50.7  
79 21.2 7.0 47.0





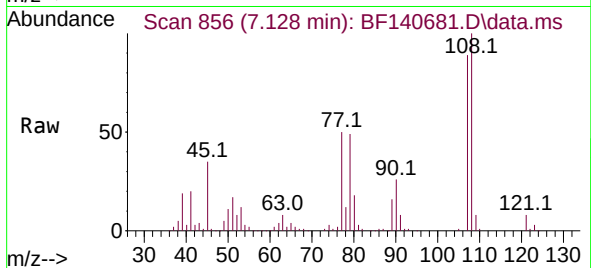
#17  
2-Methylphenol  
Concen: 39.183 ng  
RT: 7.128 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

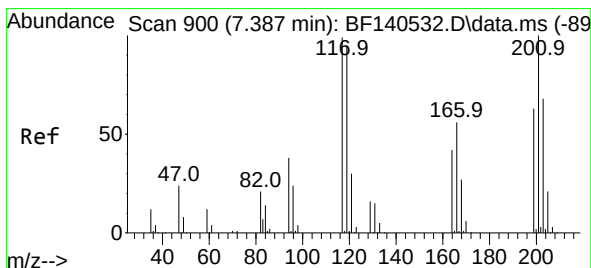
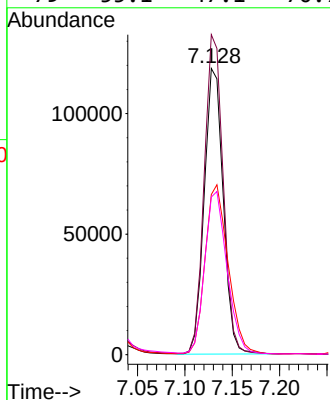
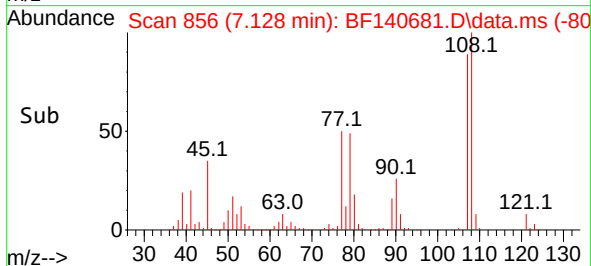


Tgt Ion:107 Resp: 16482  
Ion Ratio Lower Upper  
107 100  
108 111.8 91.7 137.5  
77 56.0 49.3 73.9  
79 55.1 47.1 70.7

Manual Integrations

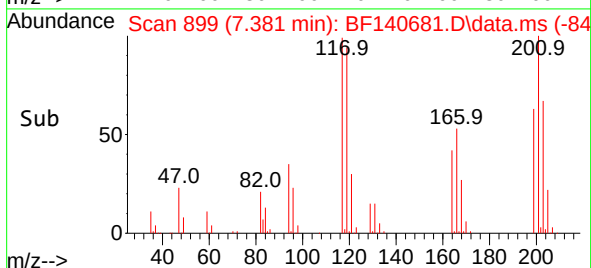
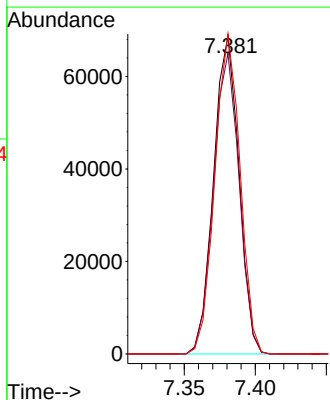
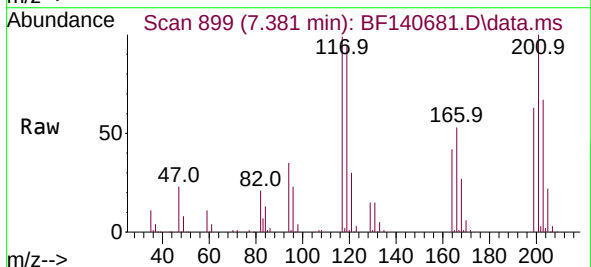
APPROVED

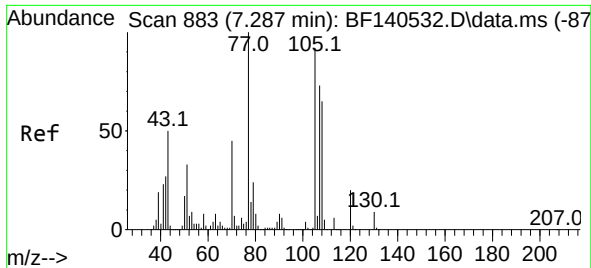
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#18  
Hexachloroethane  
Concen: 38.253 ng  
RT: 7.381 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:117 Resp: 85417  
Ion Ratio Lower Upper  
117 100  
119 94.6 77.1 115.7  
201 100.7 81.1 121.7





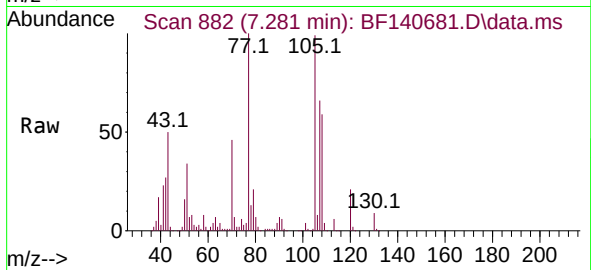
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.674 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

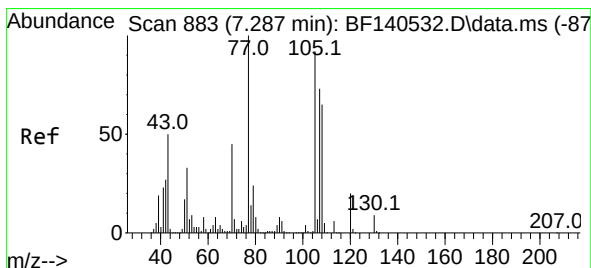
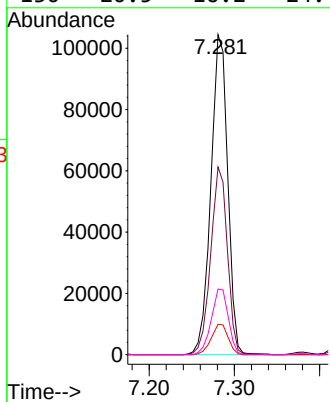
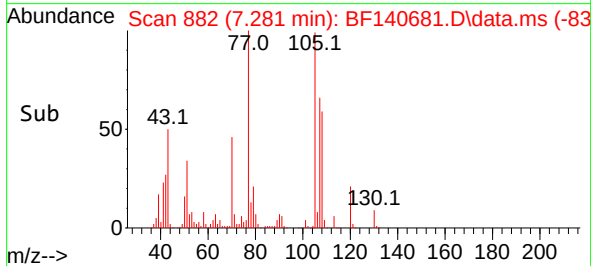


Tgt Ion: 70 Resp: 143772  
Ion Ratio Lower Upper  
70 100  
42 58.6 47.6 71.4  
101 9.5 7.6 11.4  
130 20.5 16.2 24.4

Manual Integrations

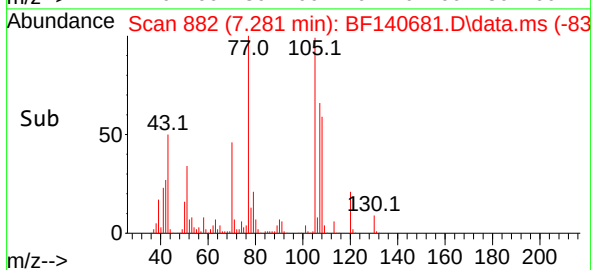
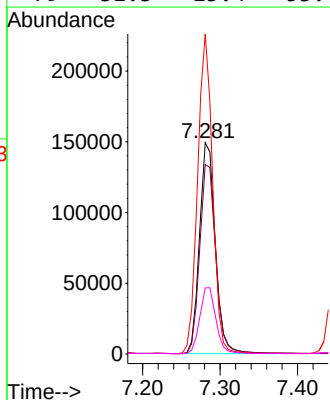
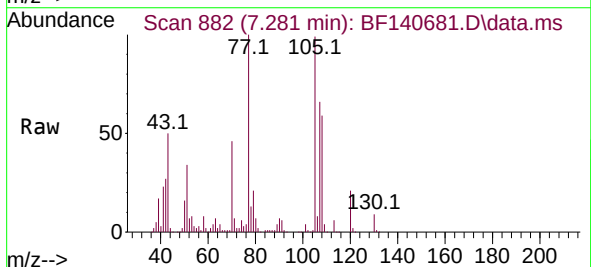
APPROVED

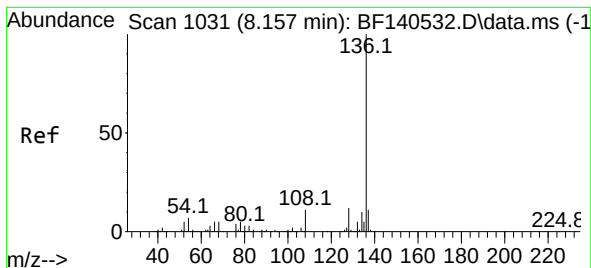
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#20  
3+4-Methylphenols  
Concen: 39.158 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:107 Resp: 211717  
Ion Ratio Lower Upper  
107 100  
108 89.6 69.9 109.9  
77 151.4 117.7 157.7  
79 31.3 13.4 53.4





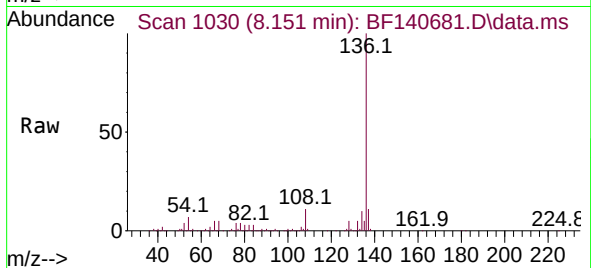
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



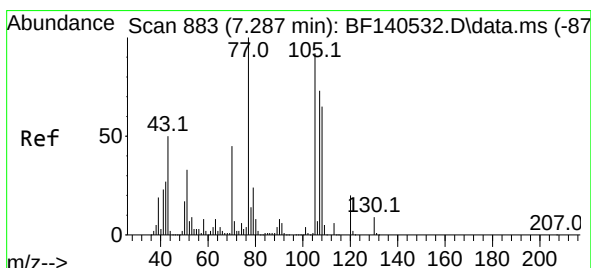
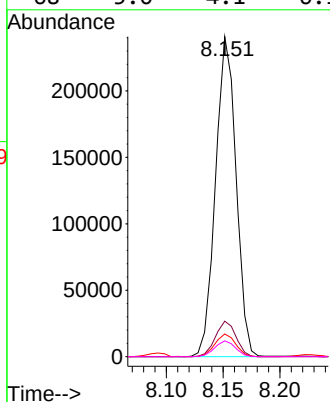
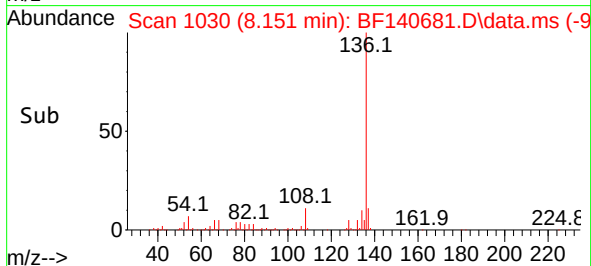
Tgt Ion:136 Resp: 30361  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 7.1 5.8 8.8  
68 5.0 4.1 6.1

Manual Integrations

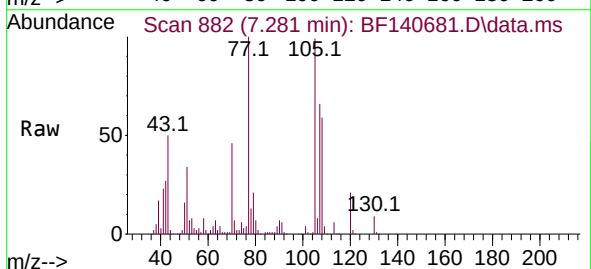
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

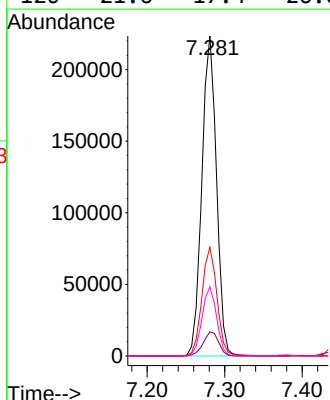
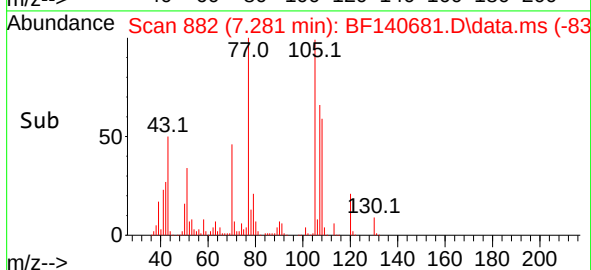
Supervised By :mohammad ahmed 12/05/2024

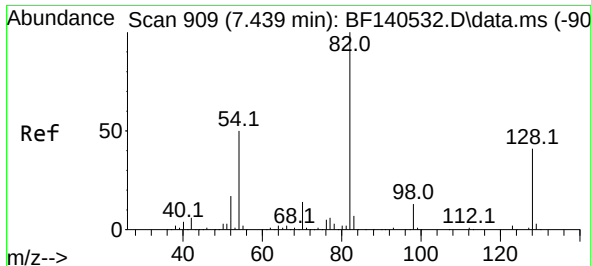


#22  
Acetophenone  
Concen: 39.582 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:105 Resp: 292987  
Ion Ratio Lower Upper  
105 100  
71 7.6 6.2 9.2  
51 33.9 29.0 43.6  
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 77.900 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140681.D

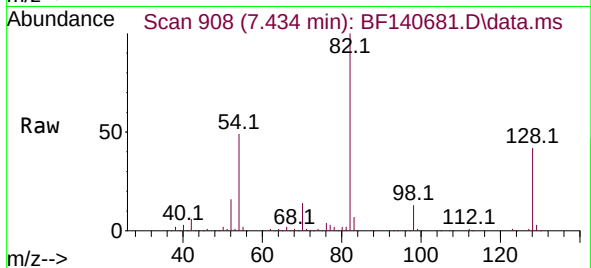
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 46239

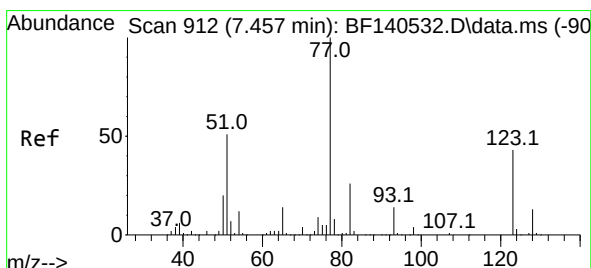
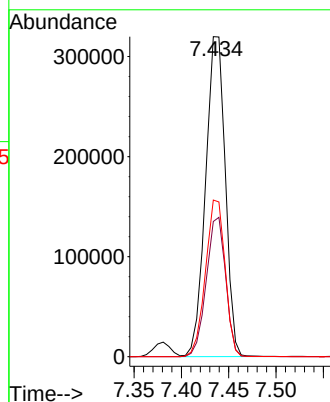
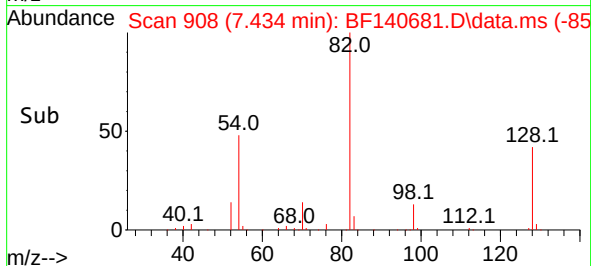
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.2  | 33.0  | 49.4  |
| 54  | 49.0  | 39.5  | 59.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#24

Nitrobenzene

Concen: 39.523 ng

RT: 7.457 min Scan# 912

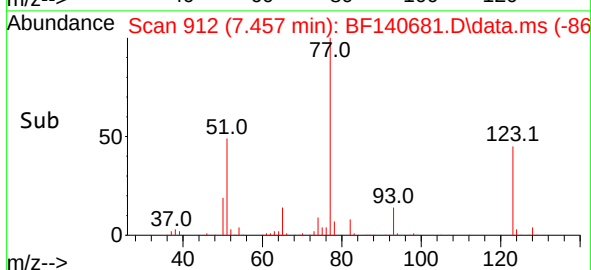
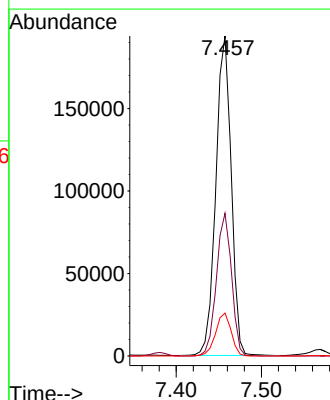
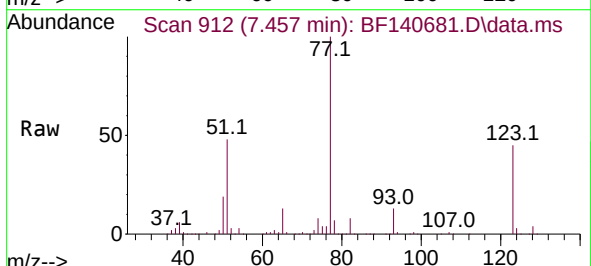
Delta R.T. 0.000 min

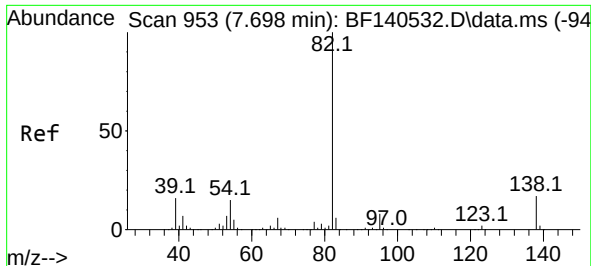
Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Tgt Ion: 77 Resp: 242462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.6  | 34.3  | 51.5  |
| 65  | 13.4  | 11.2  | 16.8  |





#25  
Isophorone  
Concen: 39.291 ng  
RT: 7.693 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

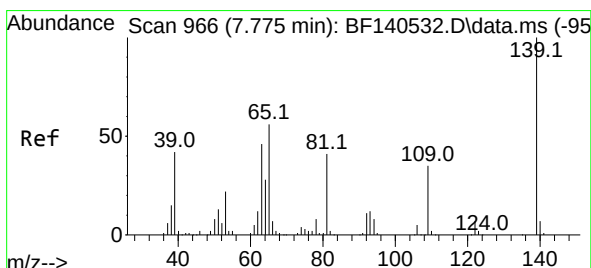
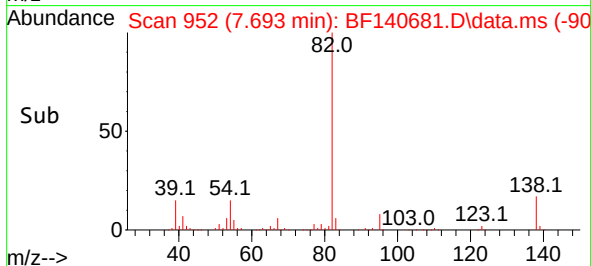
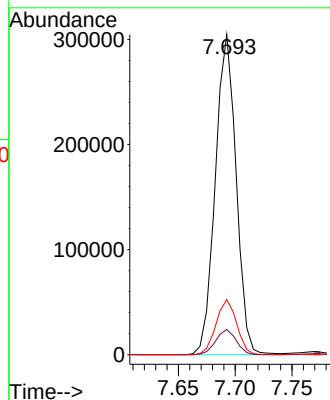
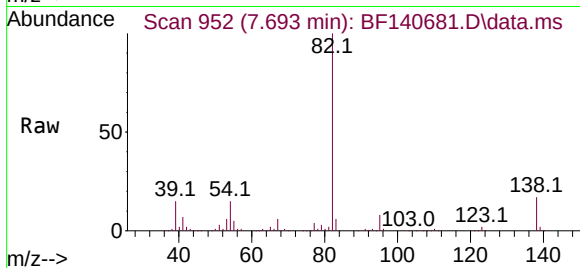
SSTDCCC040

Tgt Ion: 82 Resp: 38899  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.4 9.6  
138 17.2 13.8 20.6

Manual Integrations

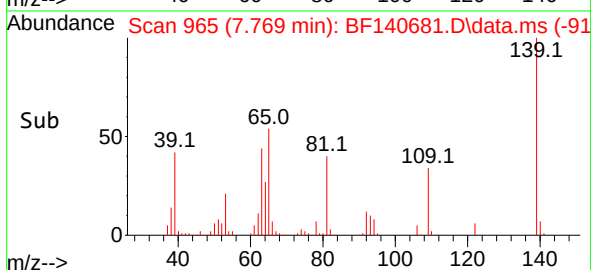
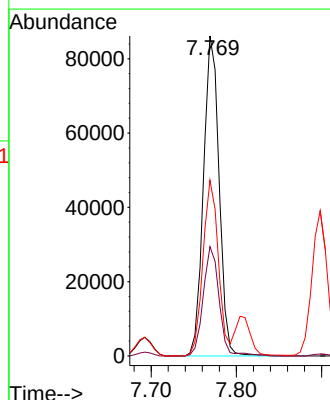
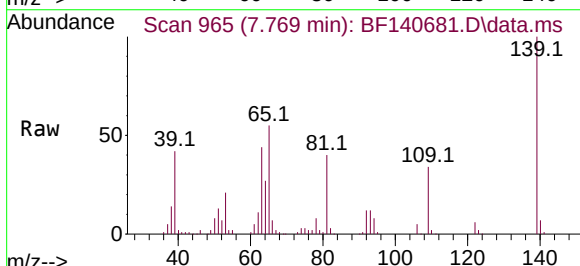
APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

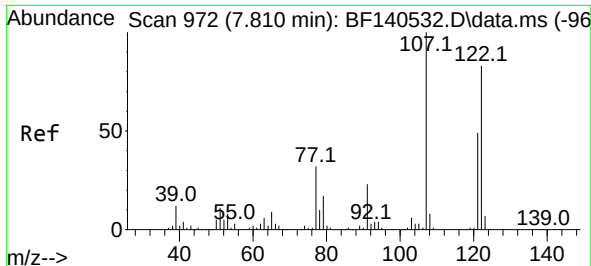


#26  
2-Nitrophenol  
Concen: 40.392 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:139 Resp: 109812  
Ion Ratio Lower Upper  
139 100  
109 34.2 28.0 42.0  
65 54.9 44.6 67.0







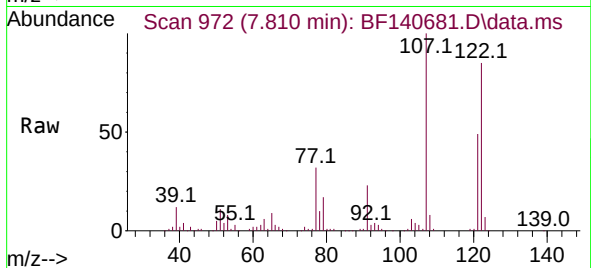
#27  
2,4-Dimethylphenol  
Concen: 42.539 ng m  
RT: 7.810 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



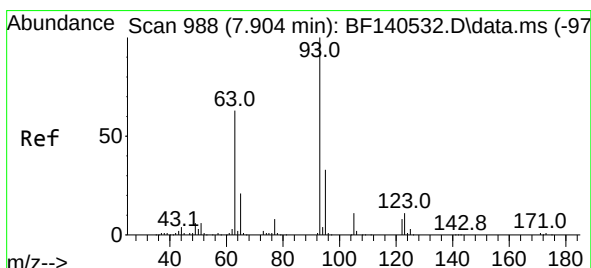
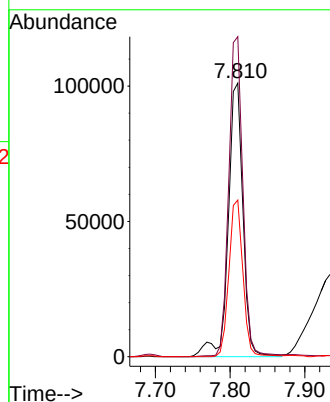
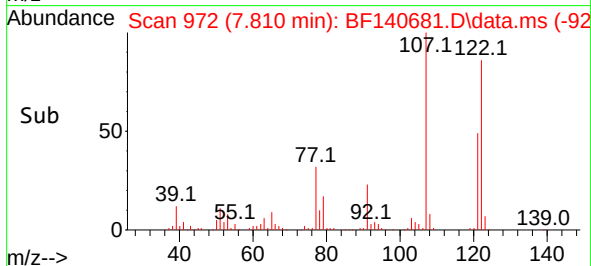
Tgt Ion:122 Resp: 138372  
Ion Ratio Lower Upper  
122 100  
107 117.0 96.8 145.2  
121 57.3 47.4 71.0

Manual Integrations

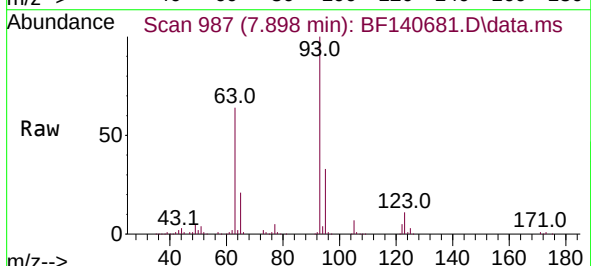
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

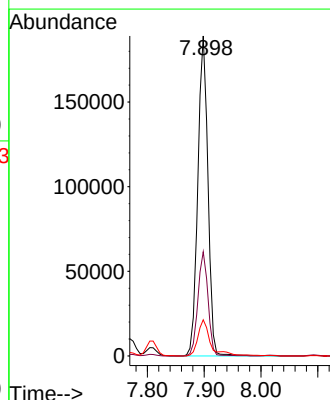
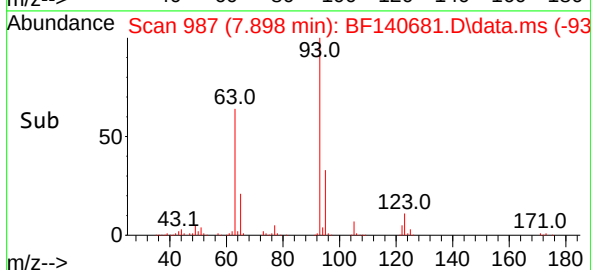
Supervised By :mohammad ahmed 12/05/2024

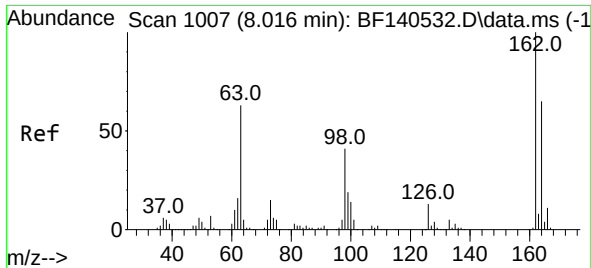


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.982 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion: 93 Resp: 235112  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.1 39.1  
123 11.3 9.1 13.7





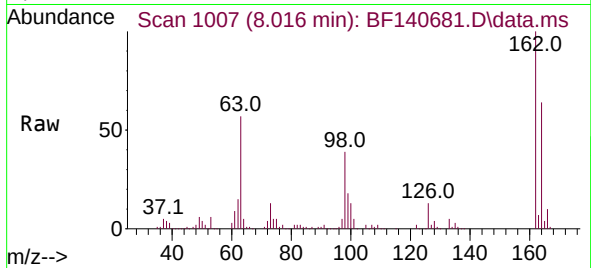
#29  
2,4-Dichlorophenol  
Concen: 40.122 ng  
RT: 8.016 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



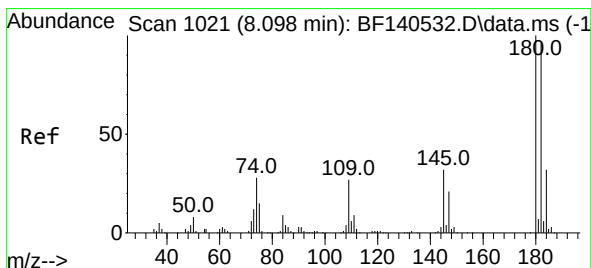
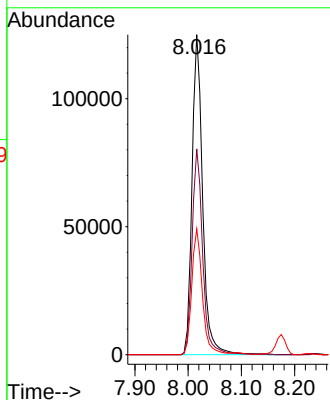
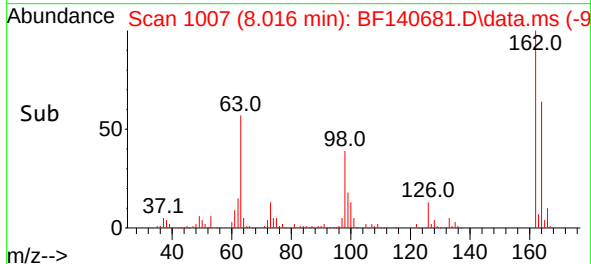
Tgt Ion:162 Resp: 172933  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.8 84.8  
98 39.3 21.2 61.2

Manual Integrations

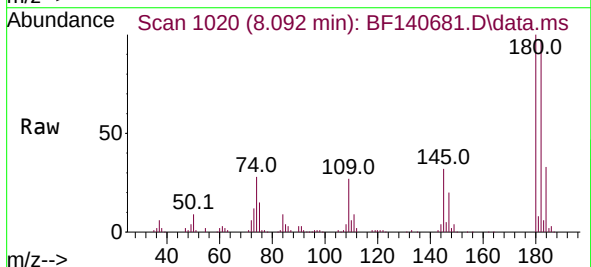
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

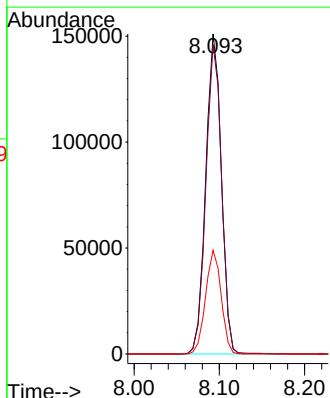
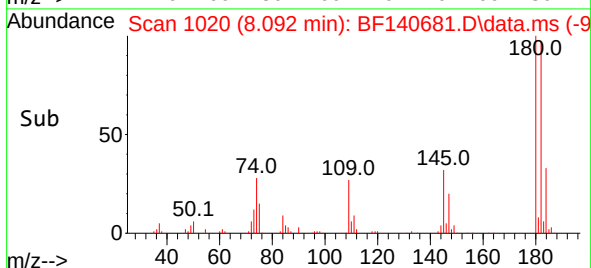
Supervised By :mohammad ahmed 12/05/2024

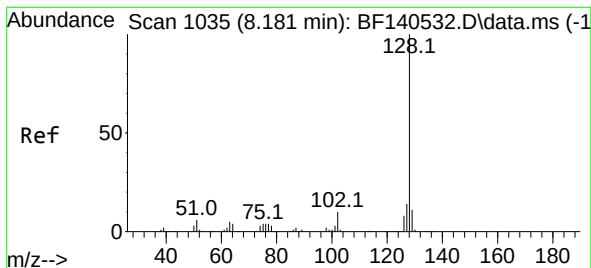


#30  
1,2,4-Trichlorobenzene  
Concen: 39.084 ng  
RT: 8.092 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:180 Resp: 192346  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.4 114.6  
145 32.4 25.9 38.9





#31  
Naphthalene  
Concen: 39.627 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

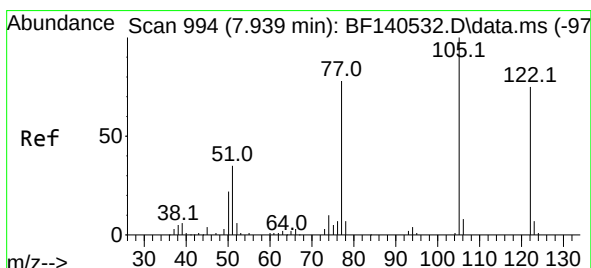
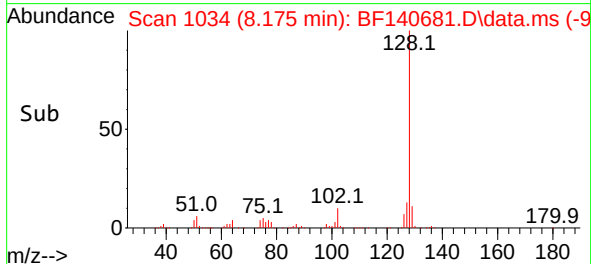
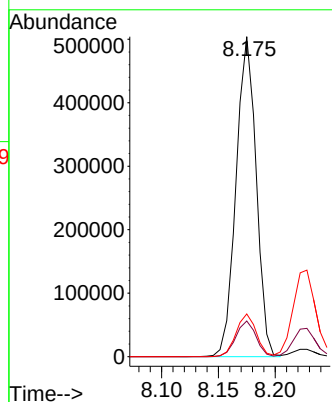
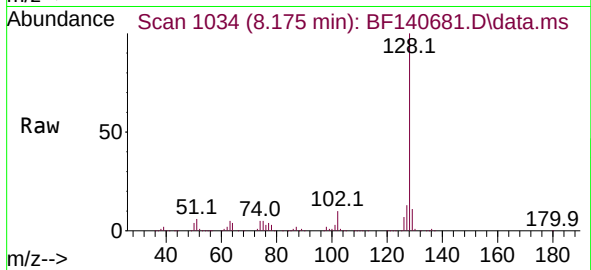
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 61971  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.4 10.8 16.2

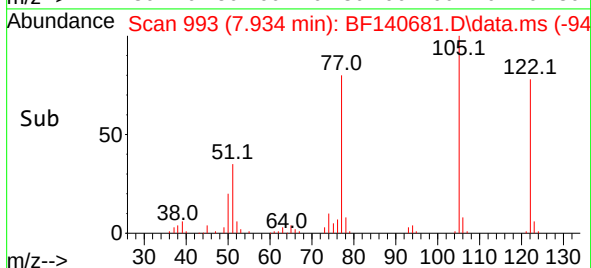
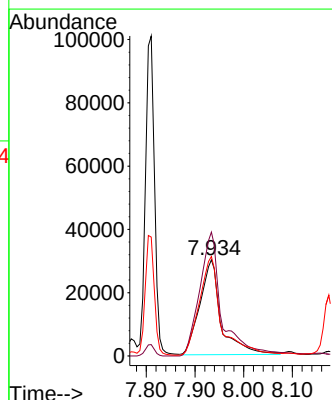
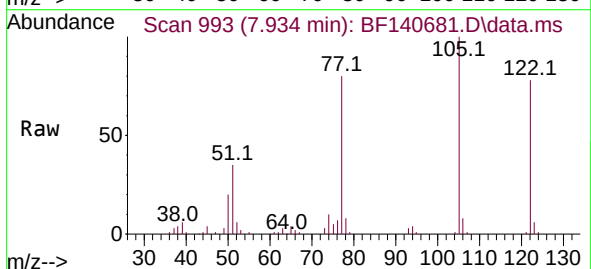
Manual Integrations  
APPROVED

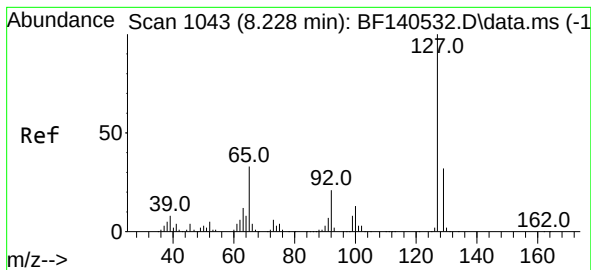
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#32  
Benzoic acid  
Concen: 34.616 ng  
RT: 7.934 min Scan# 993  
Delta R.T. -0.005 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:122 Resp: 91308  
Ion Ratio Lower Upper  
122 100  
105 128.7 109.3 149.3  
77 103.5 82.3 122.3





#33  
4-Chloroaniline  
Concen: 42.251 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

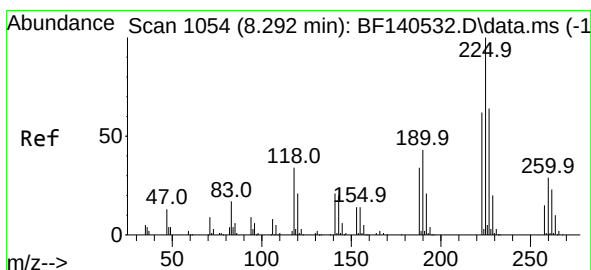
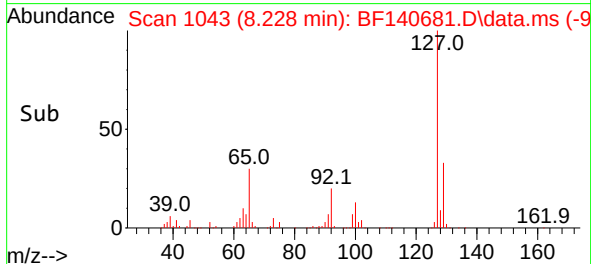
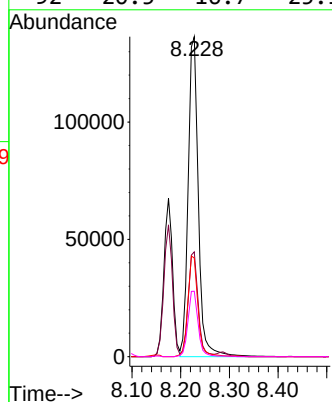
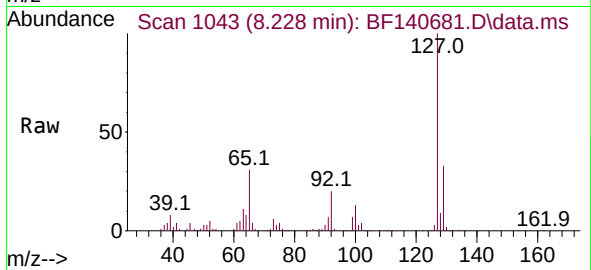
Tgt Ion:127 Resp: 197835  
Ion Ratio Lower Upper  
127 100  
129 32.8 26.0 39.0  
65 30.9 26.0 39.0  
92 20.5 16.7 25.1

Manual Integrations

APPROVED

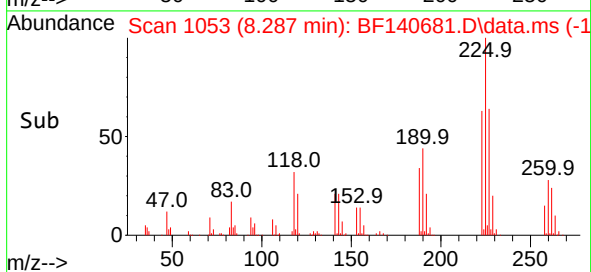
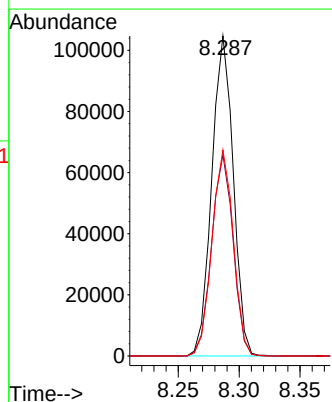
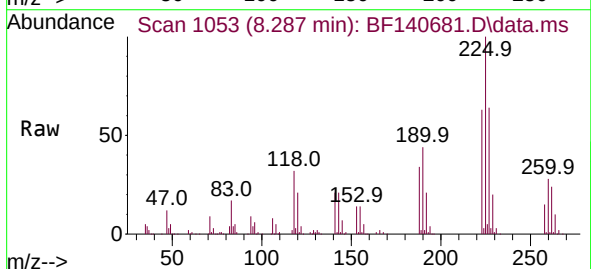
Reviewed By :Yogesh Patel 12/03/2024

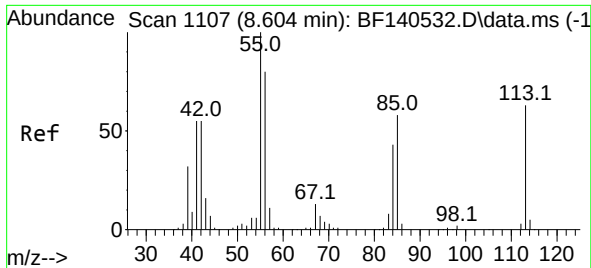
Supervised By :mohammad ahmed 12/05/2024



#34  
Hexachlorobutadiene  
Concen: 39.335 ng  
RT: 8.287 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

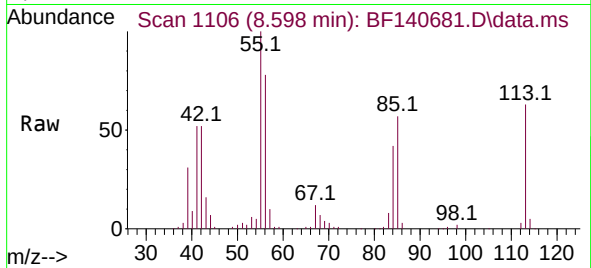
Tgt Ion:225 Resp: 128217  
Ion Ratio Lower Upper  
225 100  
223 62.8 49.8 74.8  
227 64.3 51.3 76.9





#35  
Caprolactam  
Concen: 40.334 ng  
RT: 8.598 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

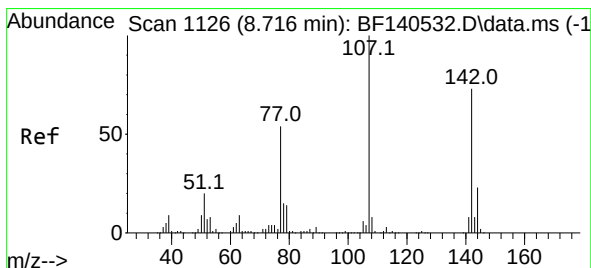
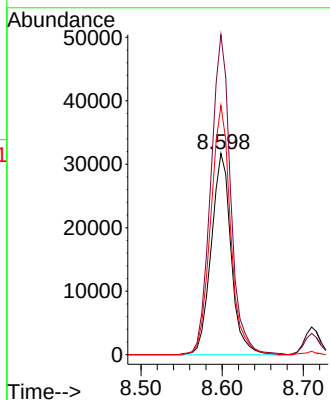
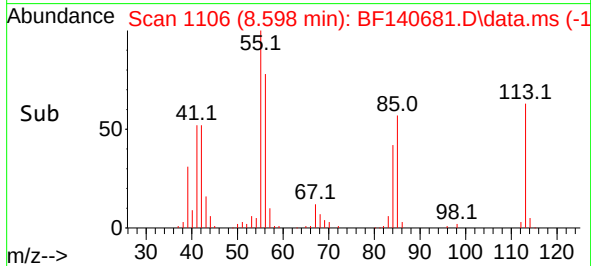
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 5380  
Ion Ratio Lower Upper  
113 100  
55 159.0 137.7 177.7  
56 123.9 106.4 146.4

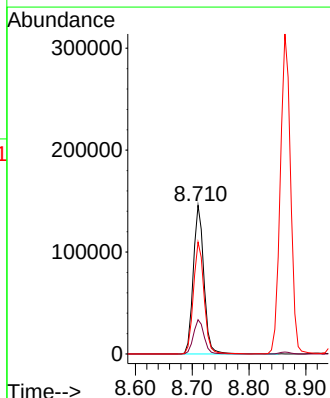
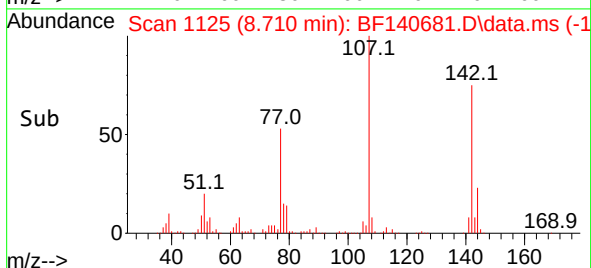
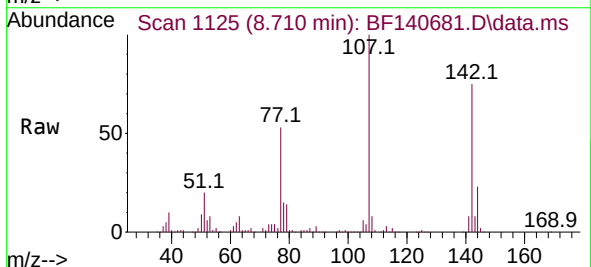
Manual Integrations  
APPROVED

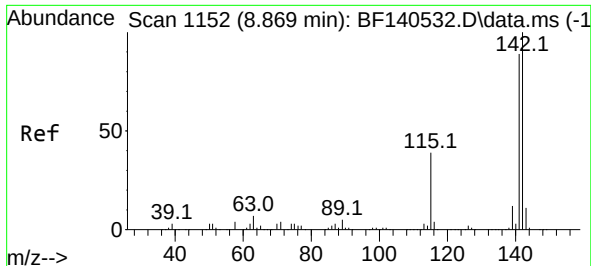
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#36  
4-Chloro-3-methylphenol  
Concen: 39.440 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:107 Resp: 190334  
Ion Ratio Lower Upper  
107 100  
144 23.1 18.7 28.1  
142 75.3 58.3 87.5





#37  
2-Methylnaphthalene  
Concen: 40.053 ng  
RT: 8.863 min Scan# 1151  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

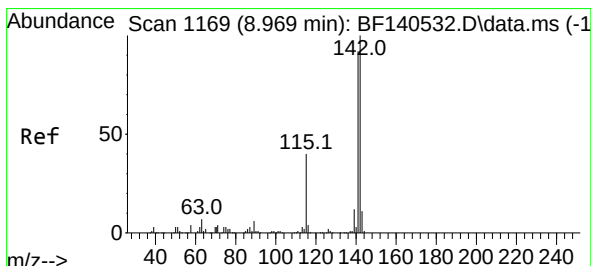
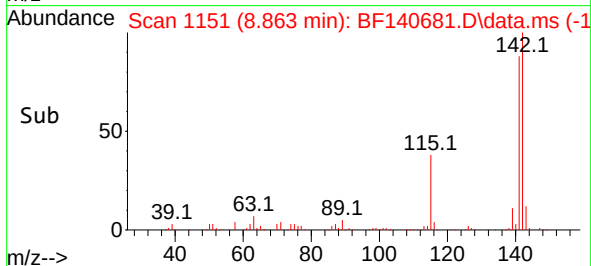
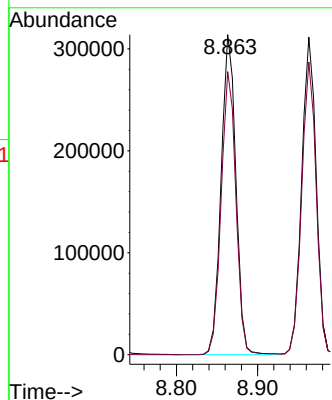
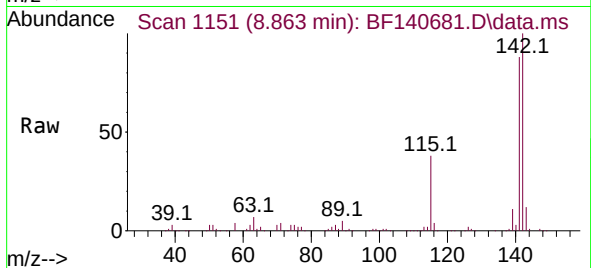
SSTDCCC040

Tgt Ion:142 Resp: 39785  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.0 106.6

Manual Integrations

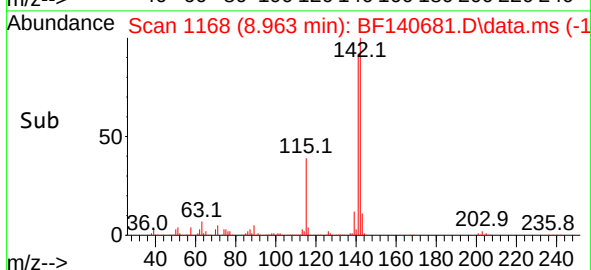
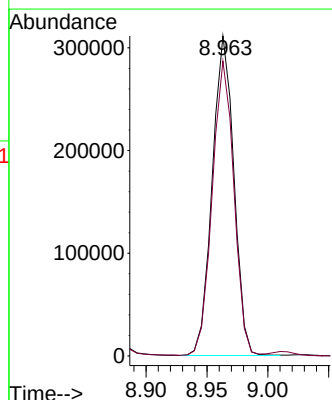
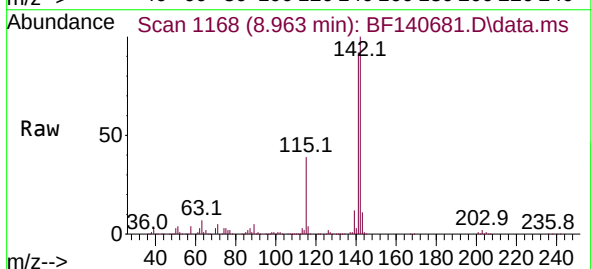
APPROVED

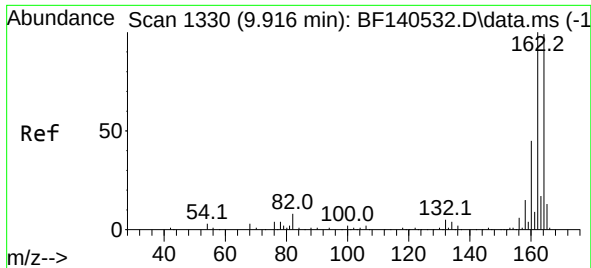
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#38  
1-Methylnaphthalene  
Concen: 39.495 ng  
RT: 8.963 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:142 Resp: 384537  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.3 109.9





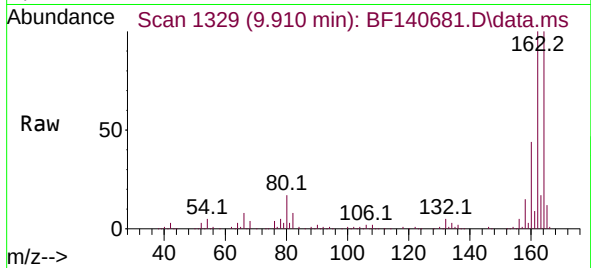
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNF\_F

ClientSampleId :

SSTDCCC040



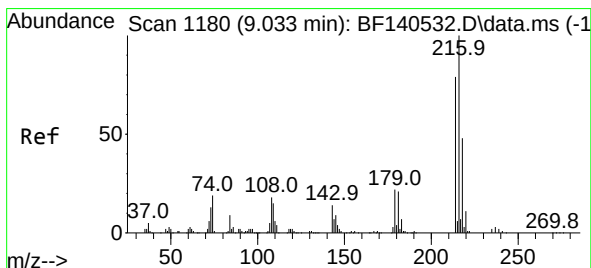
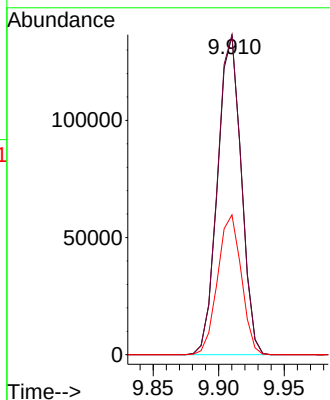
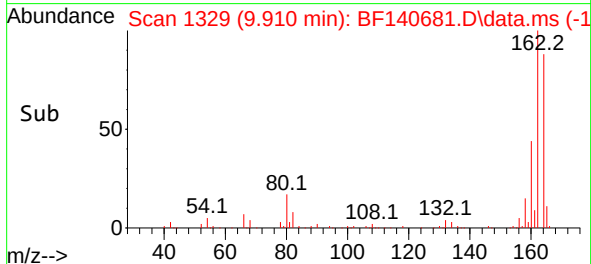
Tgt Ion:164 Resp: 170338  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.6 120.8  
160 43.9 36.2 54.4

Manual Integrations

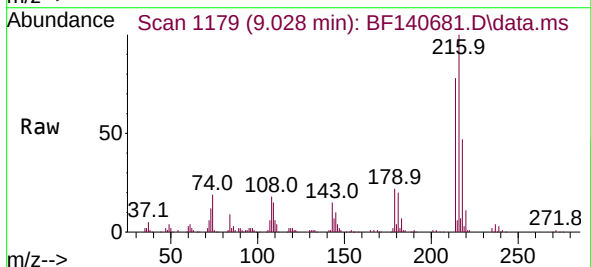
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

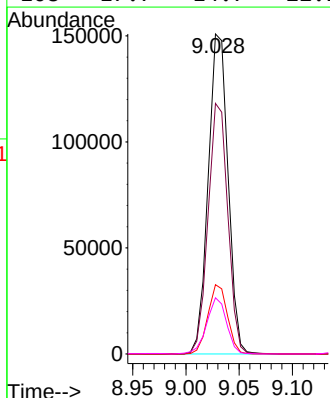
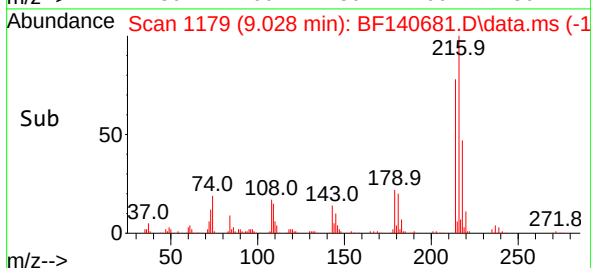
Supervised By :mohammad ahmed 12/05/2024

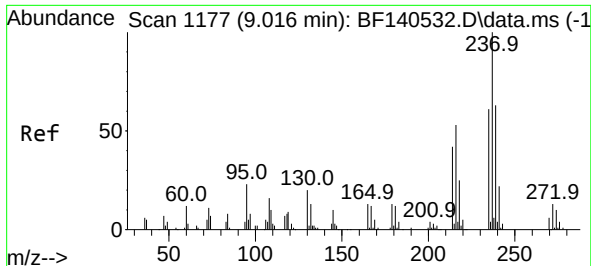


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.254 ng  
RT: 9.028 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:216 Resp: 195747  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.0 94.4  
179 21.3 17.5 26.3  
108 17.7 14.7 22.1





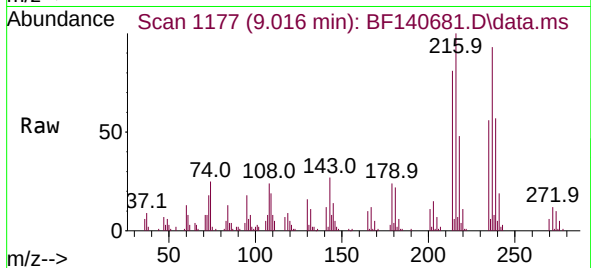
#41  
Hexachlorocyclopentadiene  
Concen: 39.441 ng  
RT: 9.016 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



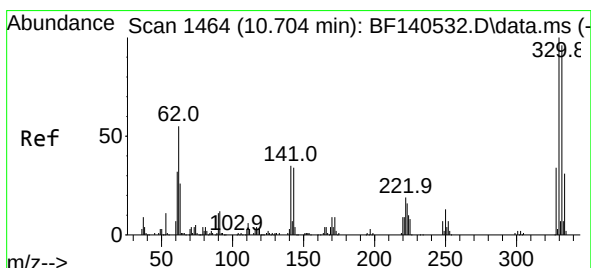
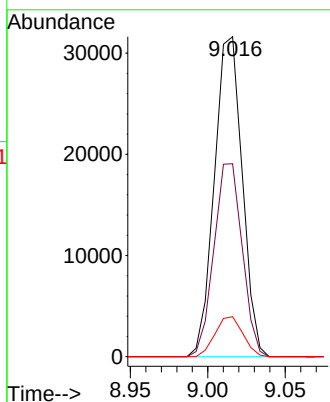
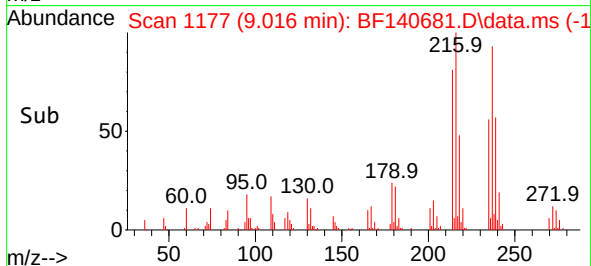
Tgt Ion:237 Resp: 39649  
Ion Ratio Lower Upper  
237 100  
235 60.3 41.1 81.1  
272 12.5 0.0 32.6

Manual Integrations

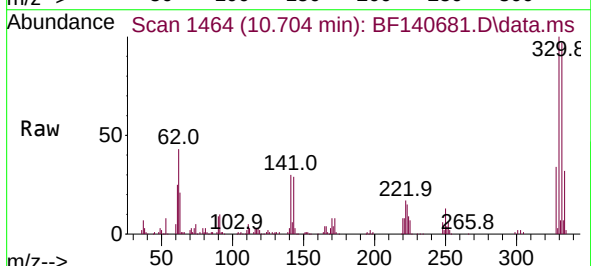
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

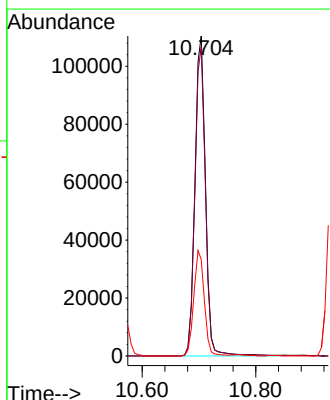
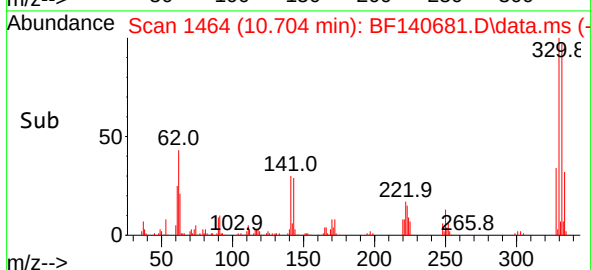
Supervised By :mohammad ahmed 12/05/2024



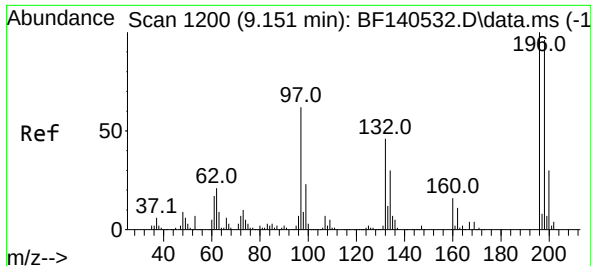
#42  
2,4,6-Tribromophenol  
Concen: 78.824 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:330 Resp: 143600  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.9 115.3  
141 32.8 26.7 40.1







#43

2,4,6-Trichlorophenol

Concen: 38.903 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 121729

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

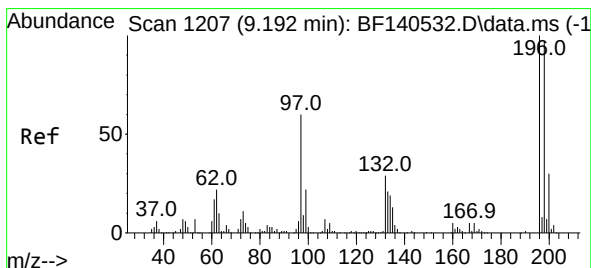
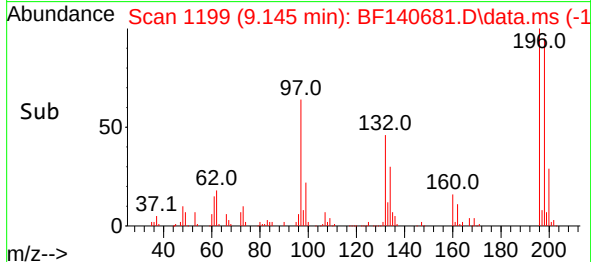
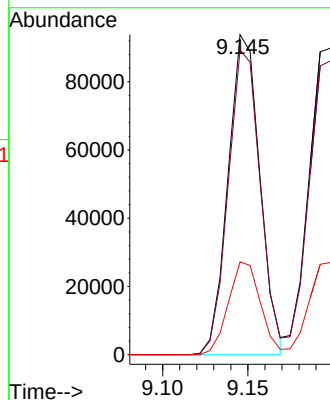
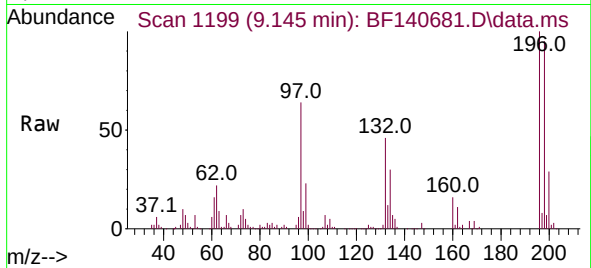
200 29.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#44

2,4,5-Trichlorophenol

Concen: 39.418 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Tgt Ion:196 Resp: 133861

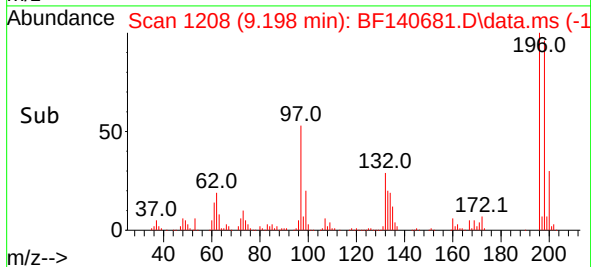
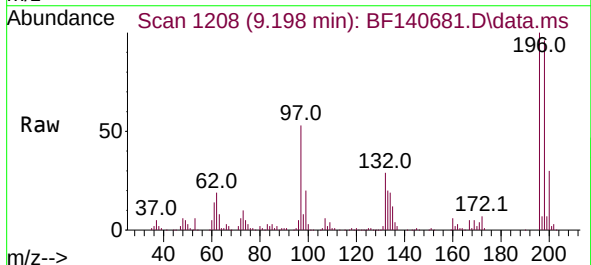
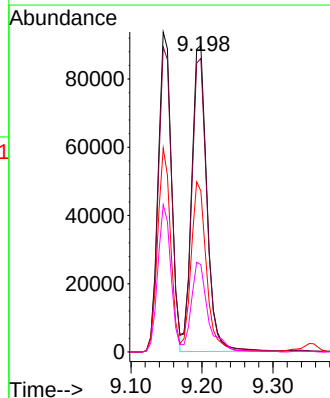
Ion Ratio Lower Upper

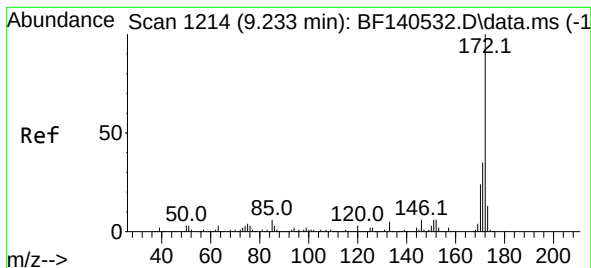
196 100

198 95.8 77.2 115.8

97 52.5 47.1 70.7

132 28.5 24.1 36.1





#45  
2-Fluorobiphenyl  
Concen: 77.648 ng  
RT: 9.228 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

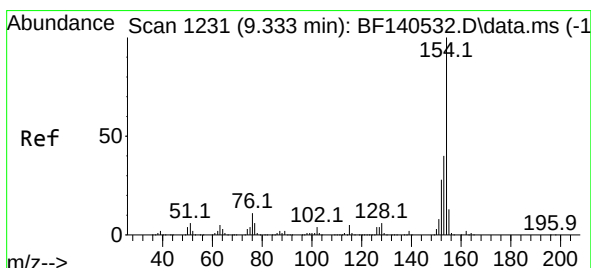
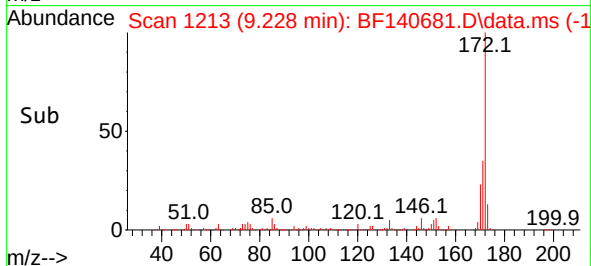
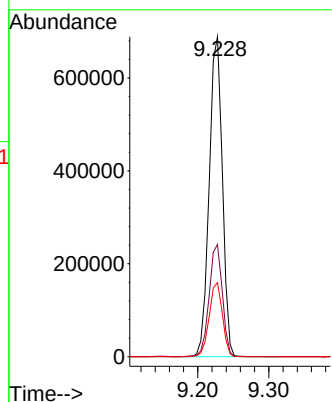
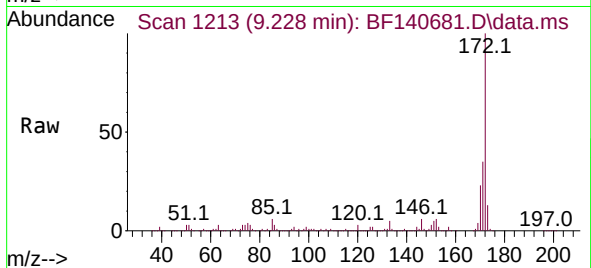
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 88771  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.4 42.6  
170 23.2 19.0 28.6

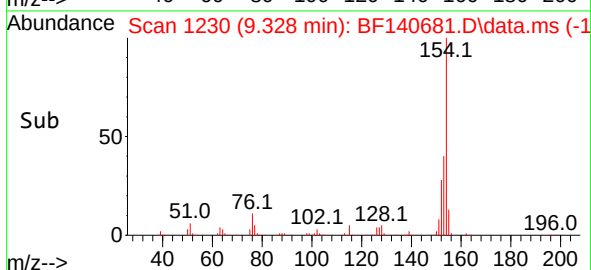
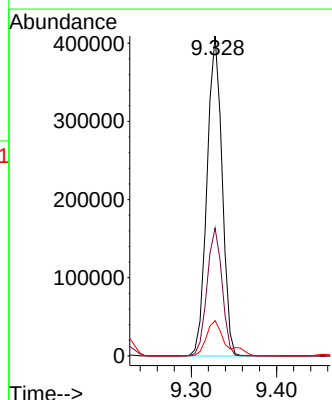
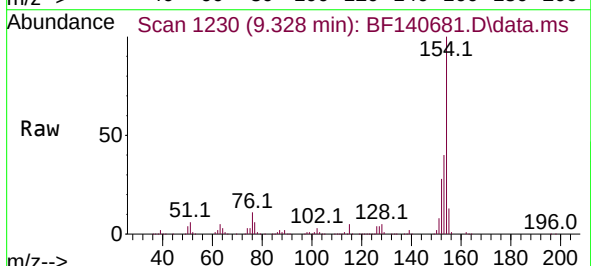
Manual Integrations  
APPROVED

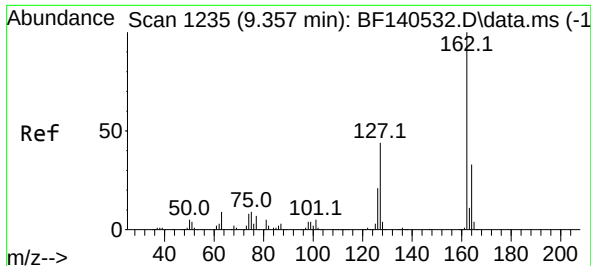
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#46  
1,1'-Biphenyl  
Concen: 39.480 ng  
RT: 9.328 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:154 Resp: 502088  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.4 60.4  
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.690 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

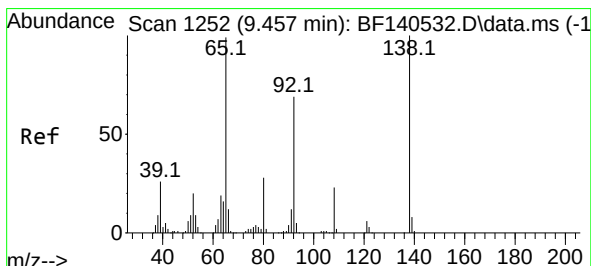
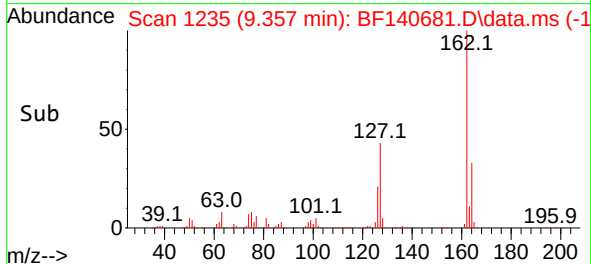
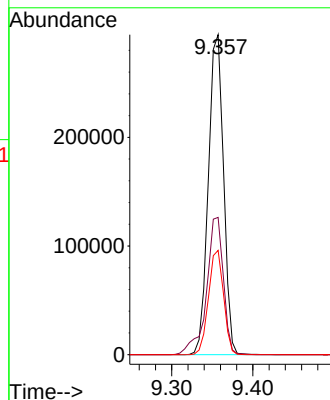
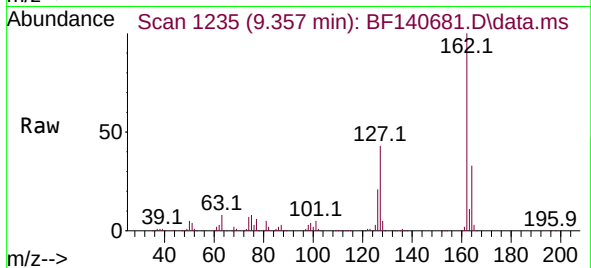
Tgt Ion:162 Resp: 38247  
 Ion Ratio Lower Upper  
 162 100  
 127 42.9 35.7 53.5  
 164 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#48

2-Nitroaniline

Concen: 39.310 ng

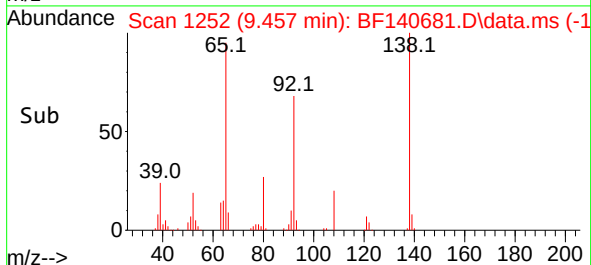
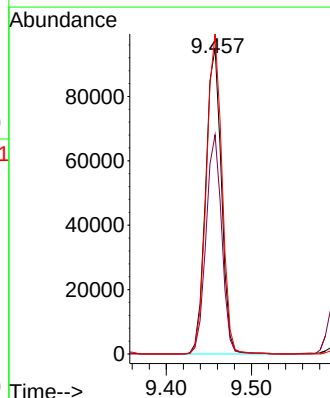
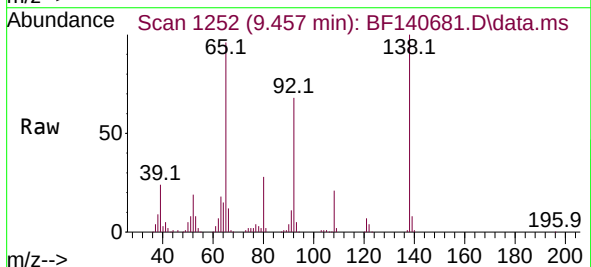
RT: 9.457 min Scan# 1252

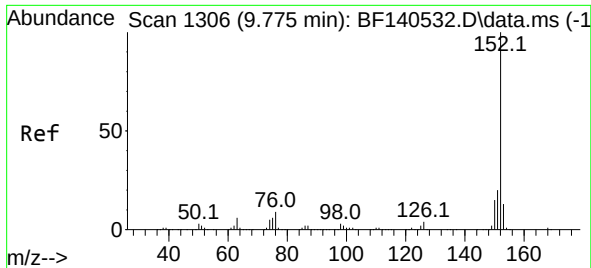
Delta R.T. 0.000 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Tgt Ion: 65 Resp: 121591  
 Ion Ratio Lower Upper  
 65 100  
 92 71.7 56.1 84.1  
 138 104.6 81.0 121.6





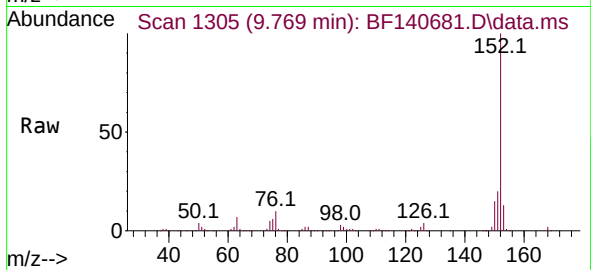
#49  
Acenaphthylene  
Concen: 39.157 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



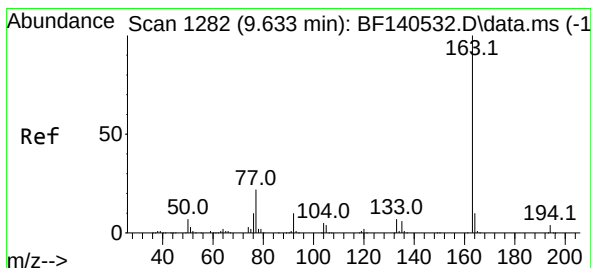
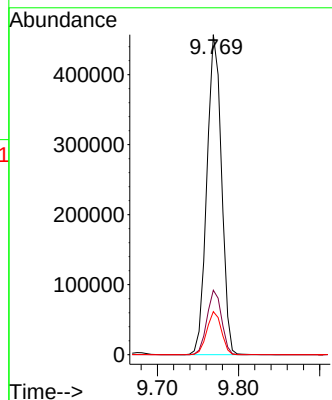
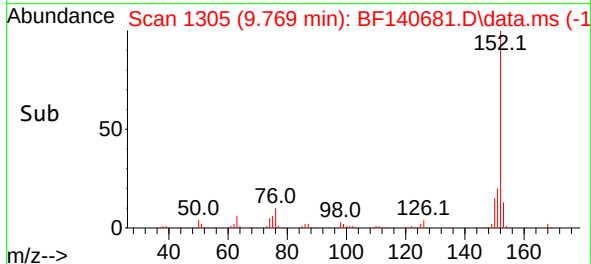
Tgt Ion:152 Resp: 570128  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.4 10.6 16.0

Manual Integrations

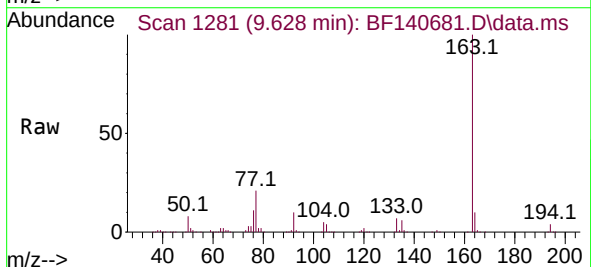
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

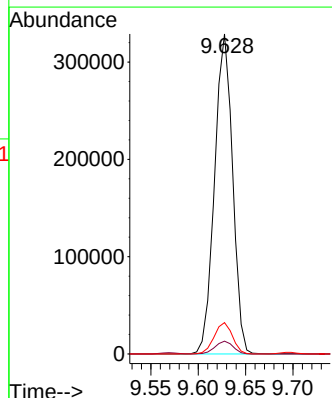
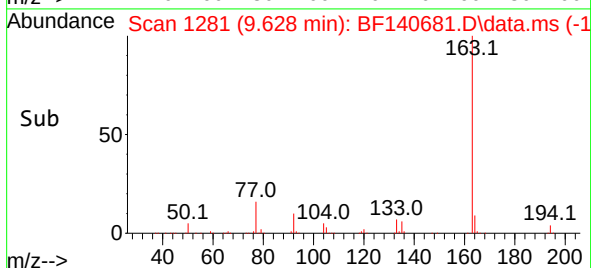
Supervised By :mohammad ahmed 12/05/2024

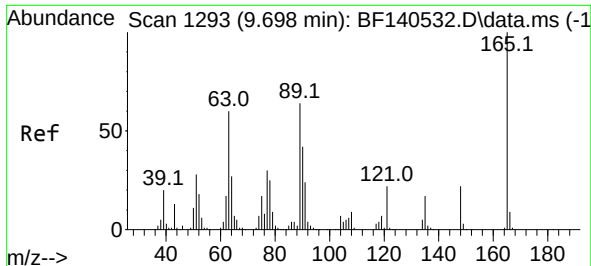


#50  
Dimethylphthalate  
Concen: 38.837 ng  
RT: 9.628 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:163 Resp: 435690  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 9.8 8.2 12.2





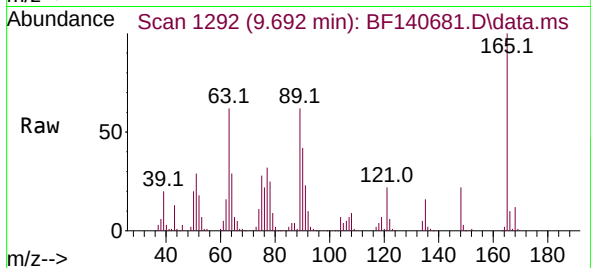
#51  
2,6-Dinitrotoluene  
Concen: 39.791 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



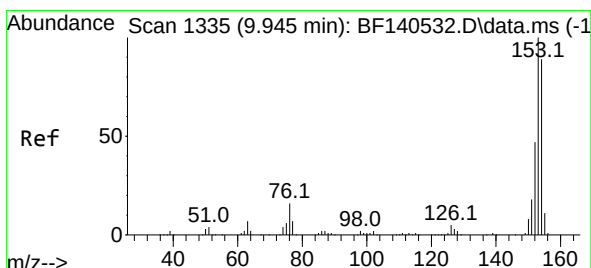
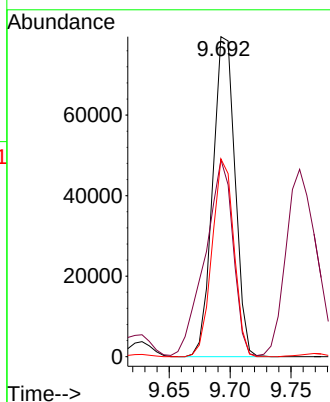
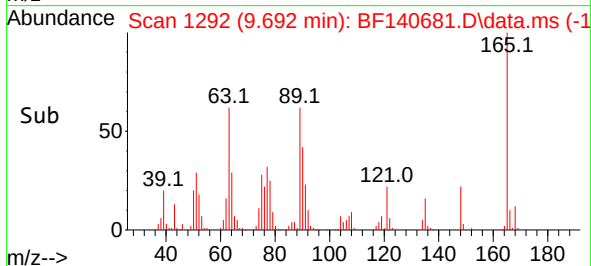
Tgt Ion:165 Resp: 101239  
Ion Ratio Lower Upper  
165 100  
63 61.5 49.9 74.9  
89 61.8 50.9 76.3

Manual Integrations

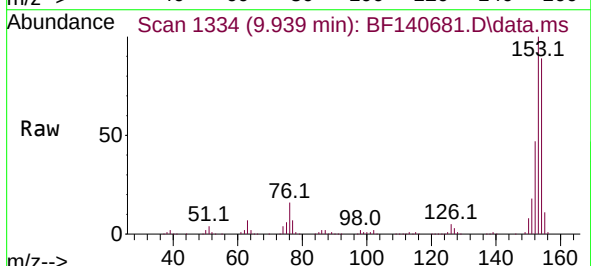
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

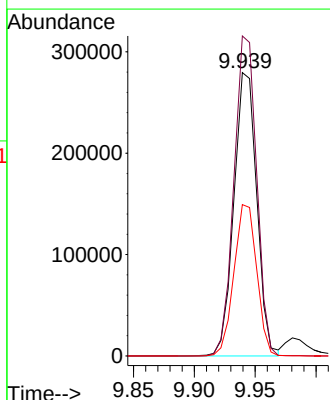
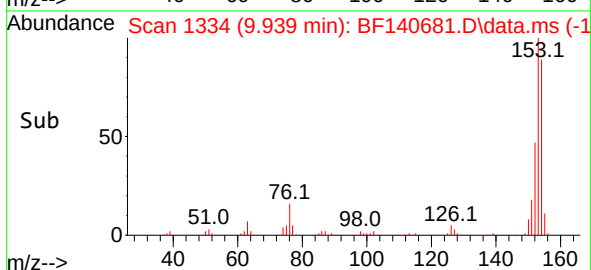
Supervised By :mohammad ahmed 12/05/2024

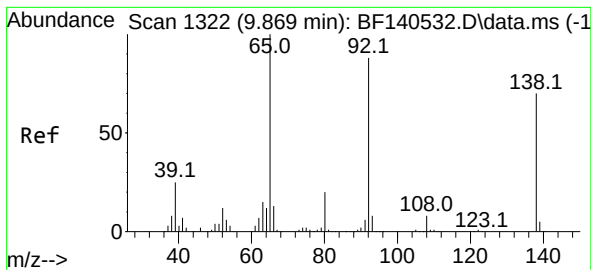


#52  
Acenaphthene  
Concen: 39.516 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:154 Resp: 365569  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.7 134.5  
152 53.4 42.5 63.7





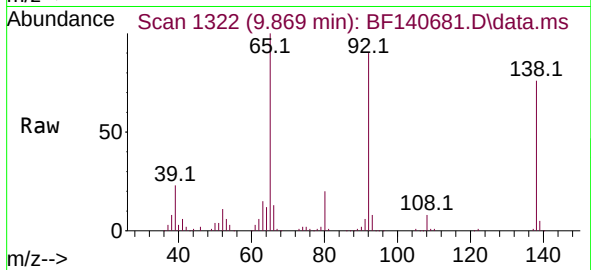
#53  
3-Nitroaniline  
Concen: 40.697 ng  
RT: 9.869 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



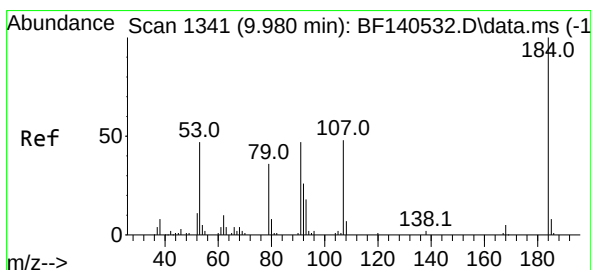
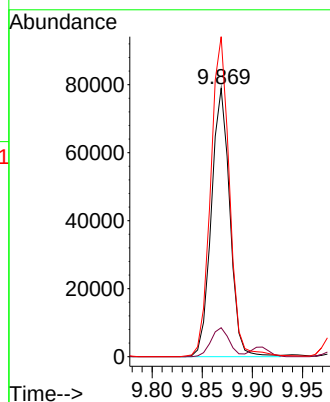
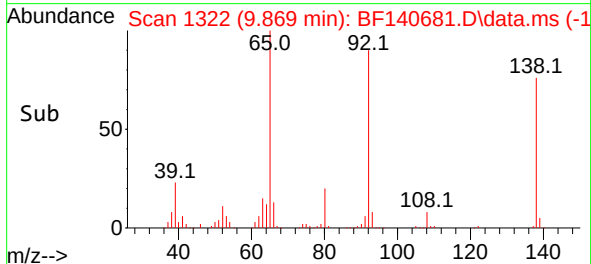
Tgt Ion:138 Resp: 10127  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.2 13.8  
92 119.3 100.6 150.8

Manual Integrations

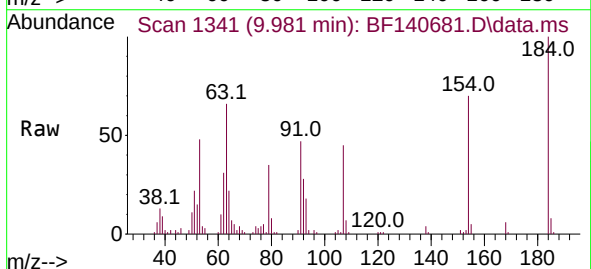
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

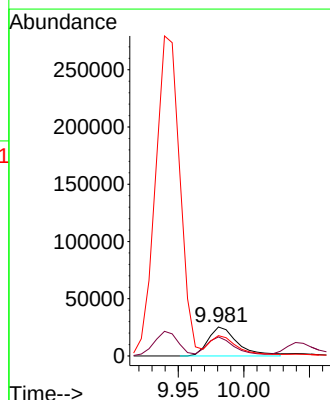
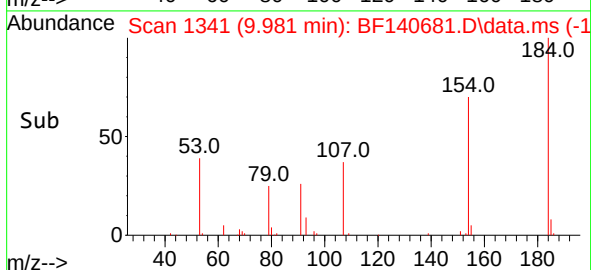
Supervised By :mohammad ahmed 12/05/2024

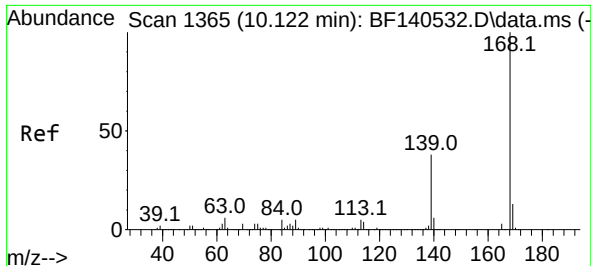


#54  
2,4-Dinitrophenol  
Concen: 35.042 ng  
RT: 9.981 min Scan# 1341  
Delta R.T. 0.001 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



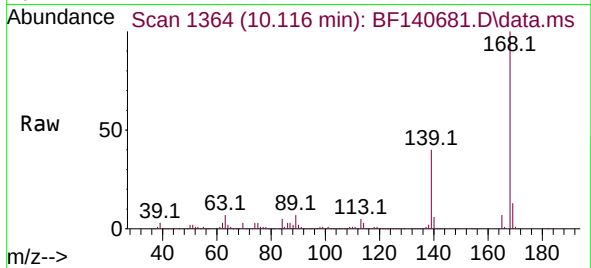
Tgt Ion:184 Resp: 39753  
Ion Ratio Lower Upper  
184 100  
63 65.7 54.1 81.1  
154 70.4 57.4 86.0





#55  
Dibenzenofuran  
Concen: 39.170 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

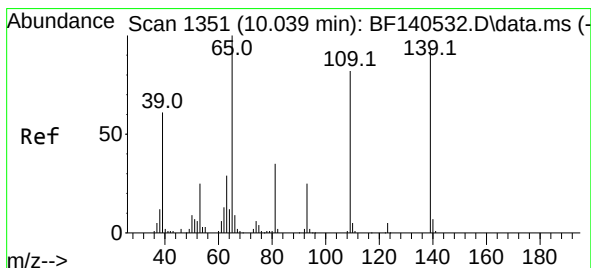
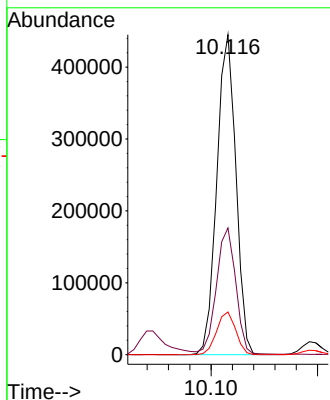
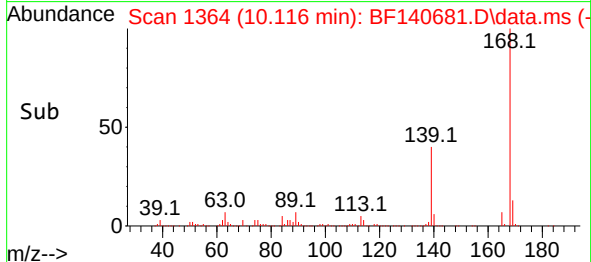
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 55273  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.3 46.9  
169 13.3 10.5 15.7

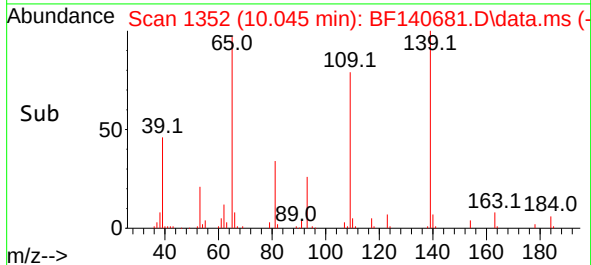
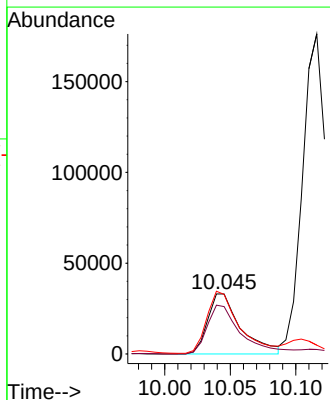
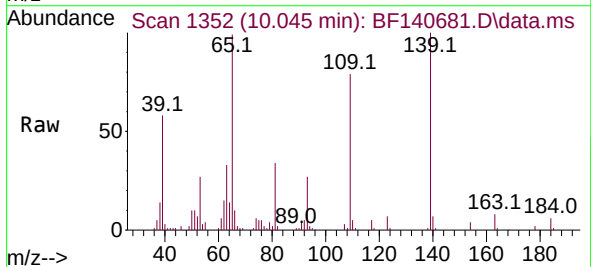
Manual Integrations  
APPROVED

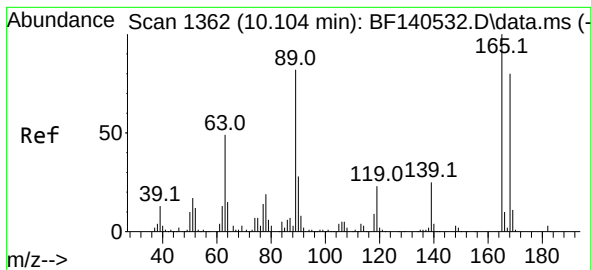
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#56  
4-Nitrophenol  
Concen: 34.381 ng  
RT: 10.045 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:139 Resp: 58348  
Ion Ratio Lower Upper  
139 100  
109 78.8 68.4 108.4  
65 99.2 88.6 128.6





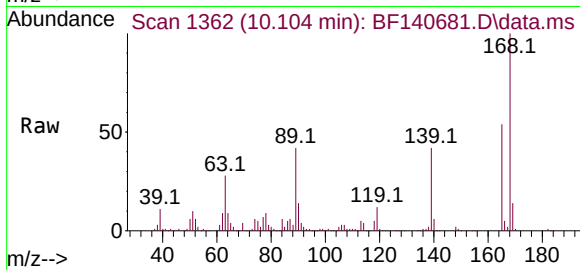
#57  
2,4-Dinitrotoluene  
Concen: 40.854 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



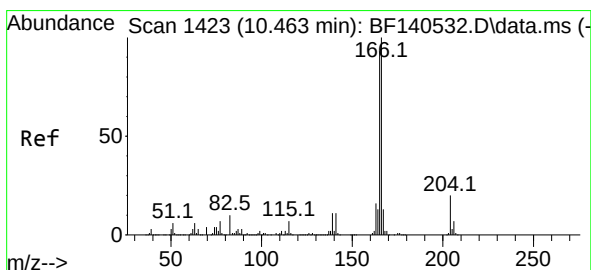
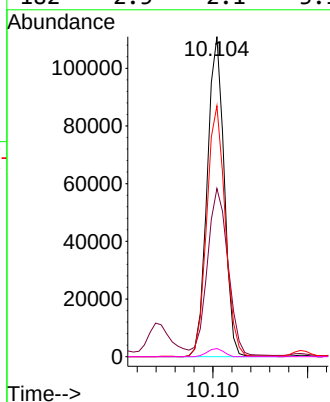
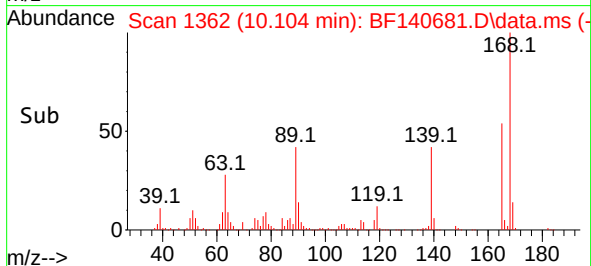
Tgt Ion:165 Resp: 13814  
Ion Ratio Lower Upper  
165 100  
63 52.5 41.7 62.5  
89 78.4 65.8 98.8  
182 2.5 2.1 3.1

Manual Integrations

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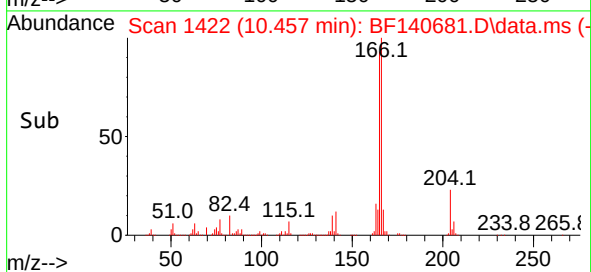
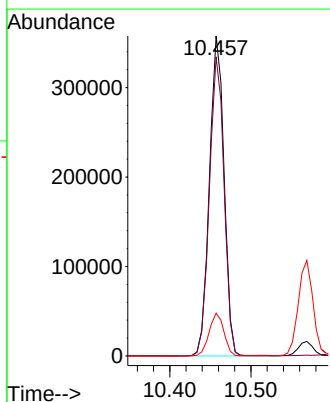
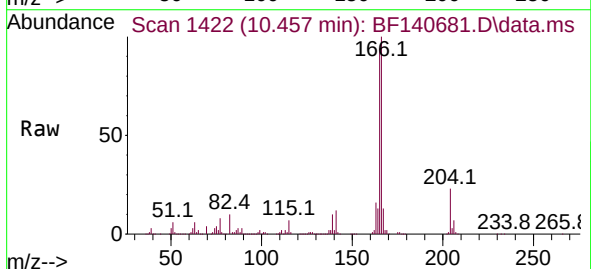
Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

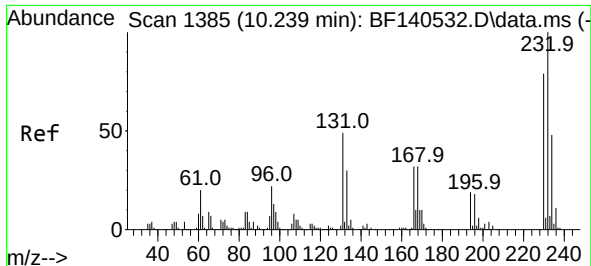


#58  
Fluorene  
Concen: 39.467 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:166 Resp: 447025  
Ion Ratio Lower Upper  
166 100  
165 93.5 74.6 111.8  
167 13.4 10.6 16.0

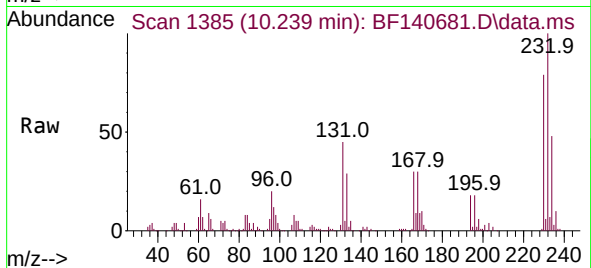






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.989 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

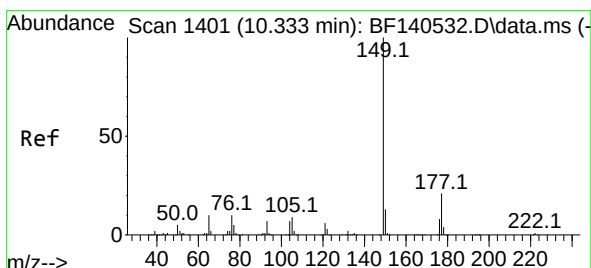
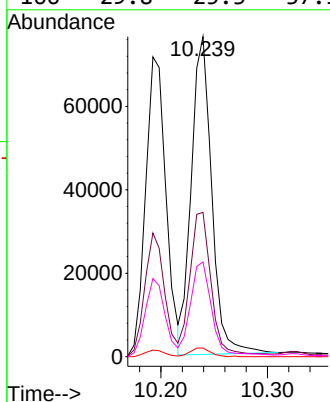
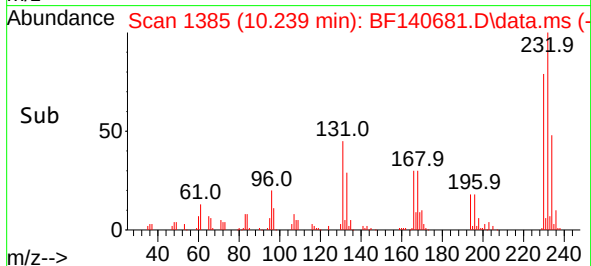
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



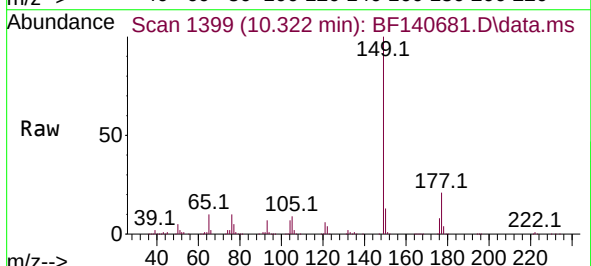
Tgt Ion:232 Resp: 10175  
Ion Ratio Lower Upper  
232 100  
131 47.5 39.6 59.4  
130 2.8 1.9 2.9  
166 29.8 25.3 37.9

Manual Integrations  
APPROVED

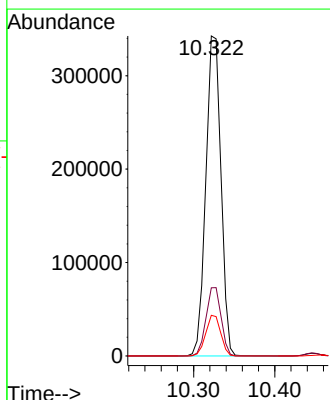
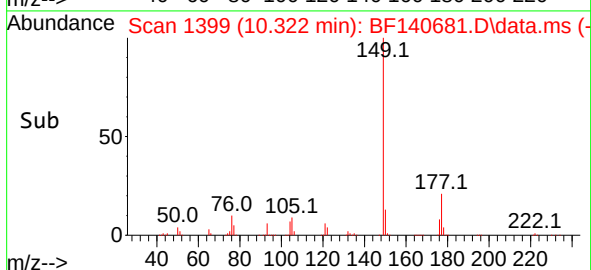
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

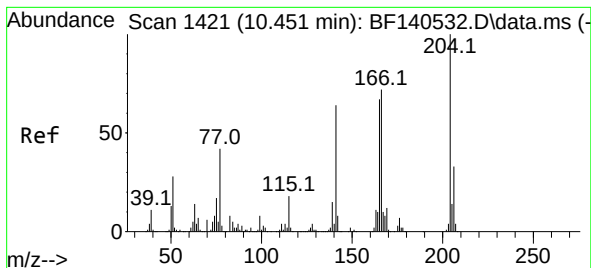


#60  
Diethylphthalate  
Concen: 38.859 ng  
RT: 10.322 min Scan# 1399  
Delta R.T. -0.012 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:149 Resp: 442920  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.1 25.7  
150 12.7 10.1 15.1





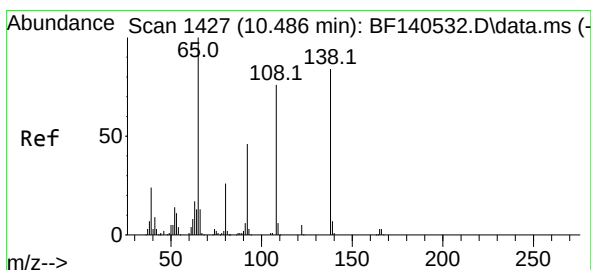
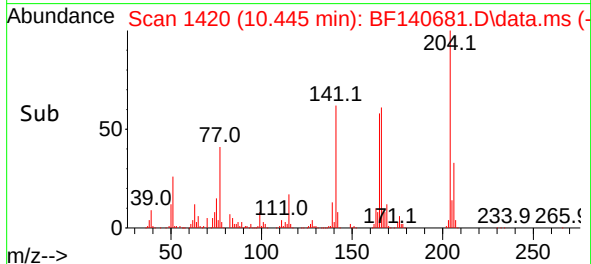
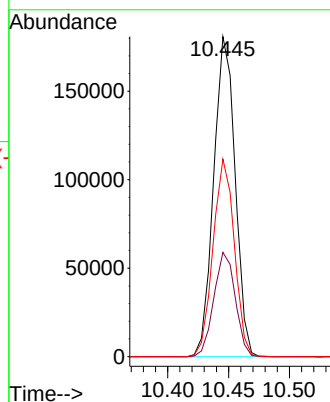
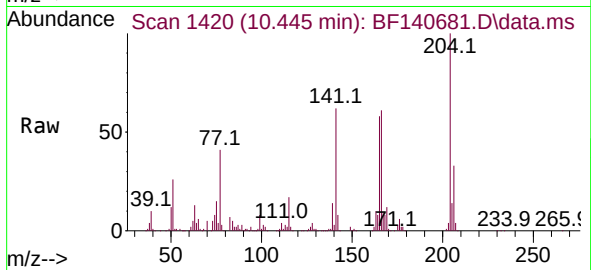
#61  
4-Chlorophenyl-phenylether  
Concen: 39.860 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 22156  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 61.8 51.1 76.7

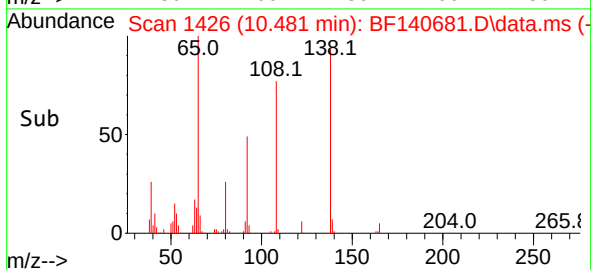
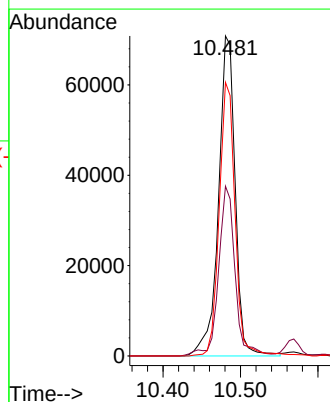
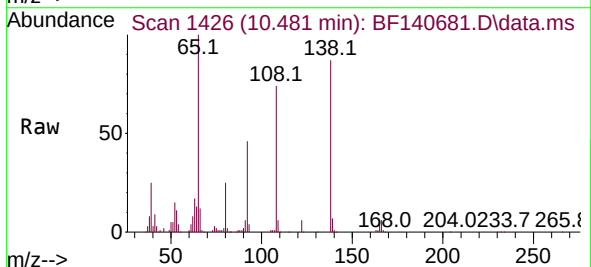
Manual Integrations  
APPROVED

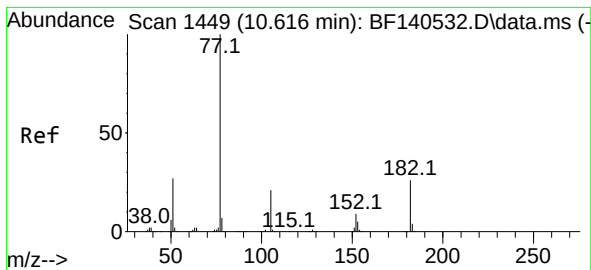
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#62  
4-Nitroaniline  
Concen: 40.706 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

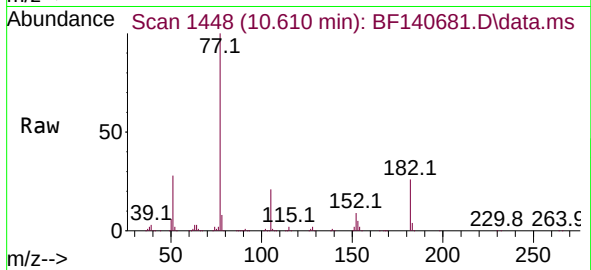
Tgt Ion:138 Resp: 106239  
Ion Ratio Lower Upper  
138 100  
92 53.0 34.5 74.5  
108 85.5 70.6 110.6





#63  
Azobenzene  
Concen: 39.095 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

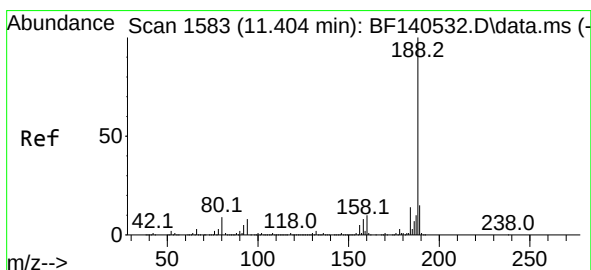
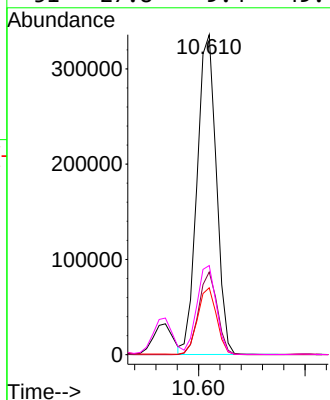
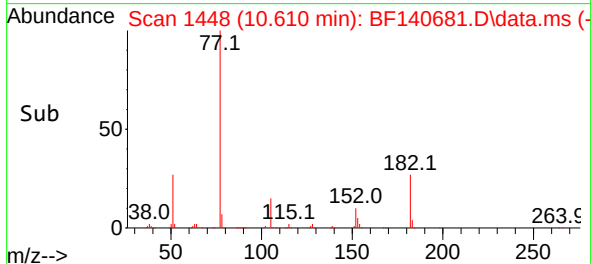
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



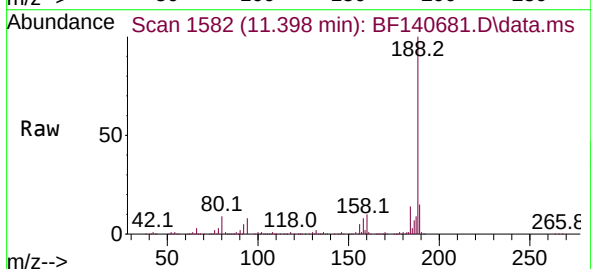
Tgt Ion: 77 Resp: 42199  
Ion Ratio Lower Upper  
77 100  
182 25.8 5.3 45.3  
105 20.9 0.3 40.3  
51 27.8 9.4 49.4

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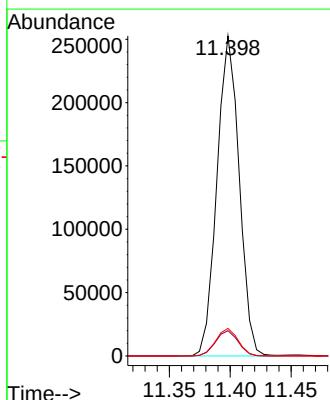
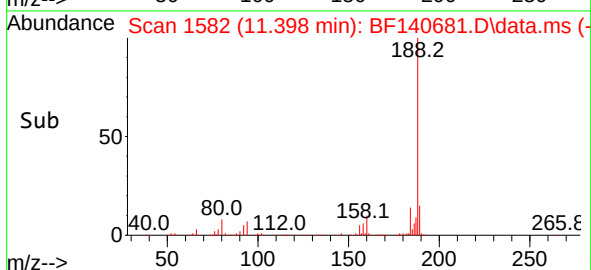
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

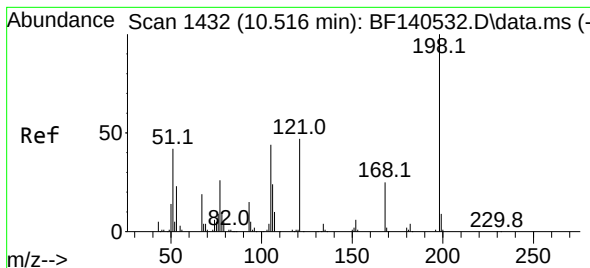


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:188 Resp: 321182  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.4 9.6  
80 8.6 6.9 10.3





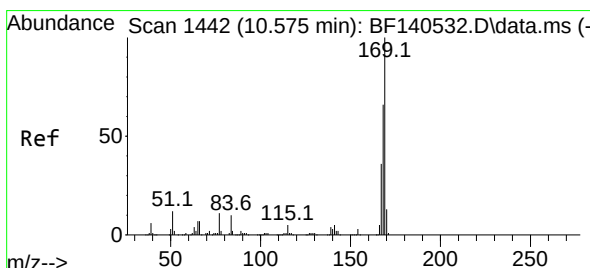
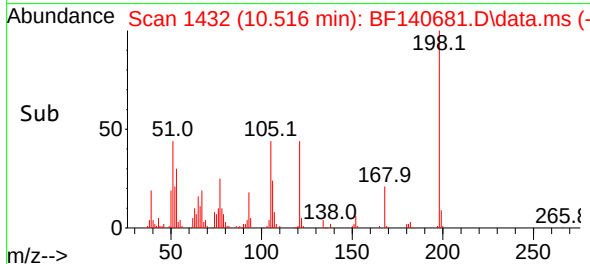
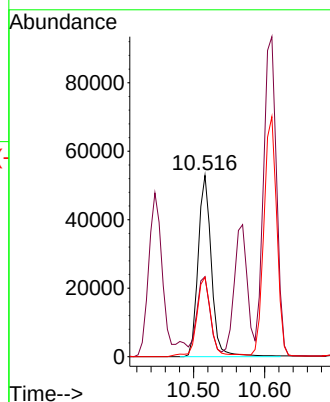
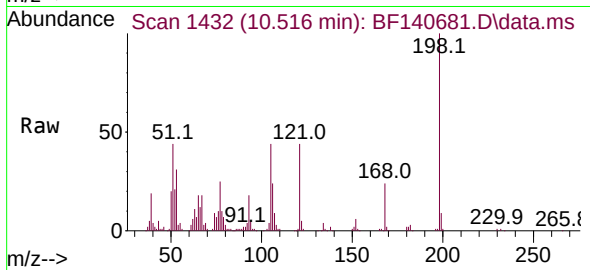
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.032 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 68980  
Ion Ratio Lower Upper  
198 100  
51 44.1 29.4 69.4  
105 43.8 25.4 65.4

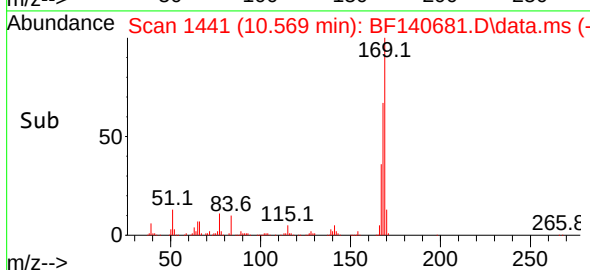
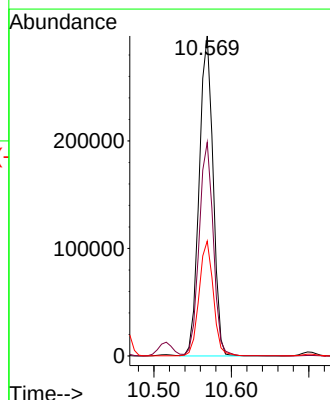
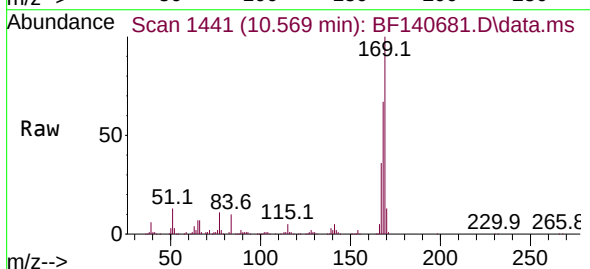
Manual Integrations  
APPROVED

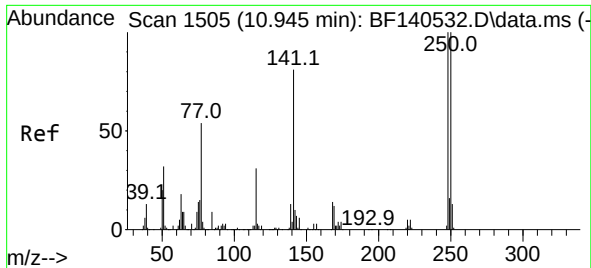
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#66  
n-Nitrosodiphenylamine  
Concen: 39.004 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:169 Resp: 370469  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.2 79.8  
167 35.9 29.0 43.6





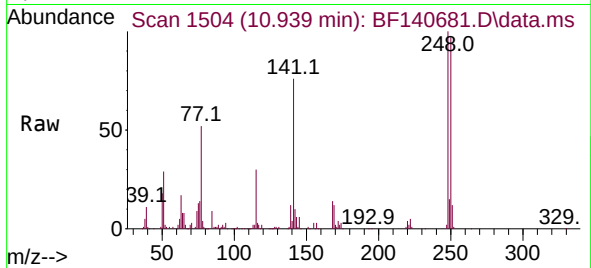
#67  
4-Bromophenyl-phenylether  
Concen: 39.735 ng  
RT: 10.939 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

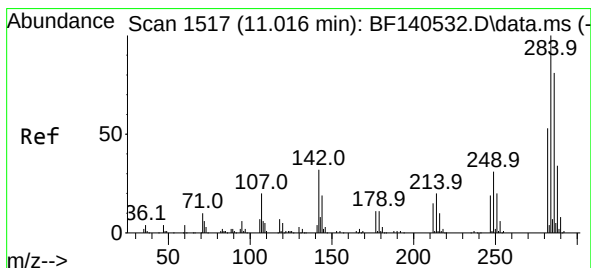
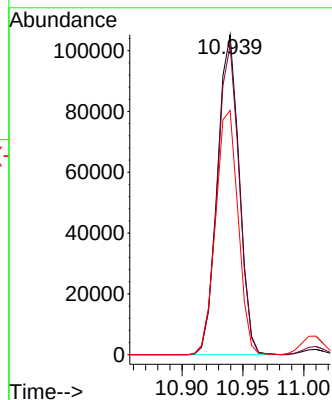
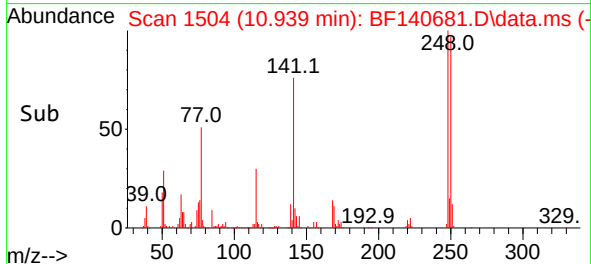


Tgt Ion:248 Resp: 131430  
Ion Ratio Lower Upper  
248 100  
250 96.7 79.8 119.8  
141 76.3 64.7 97.1

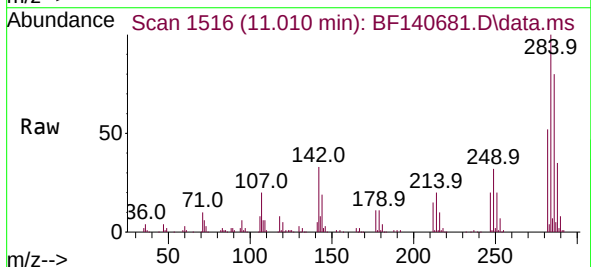
Manual Integrations

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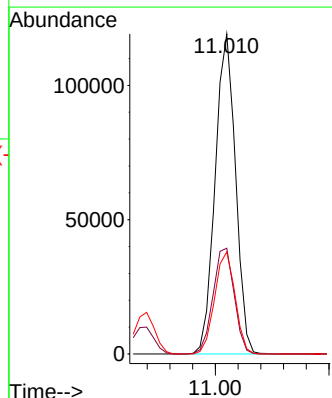
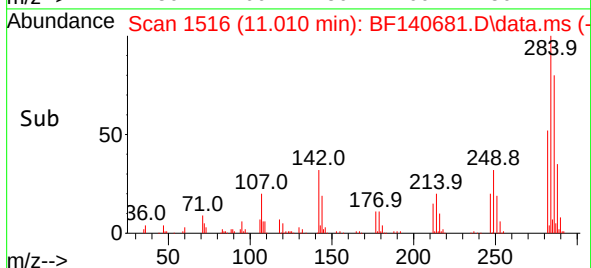
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

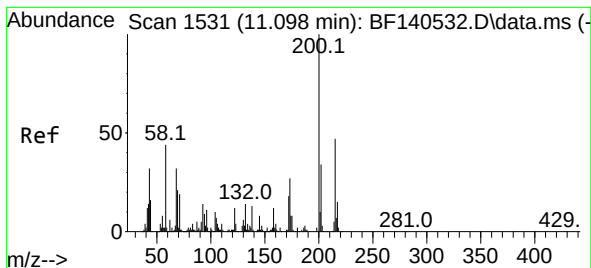


#68  
Hexachlorobenzene  
Concen: 38.740 ng  
RT: 11.010 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:284 Resp: 148373  
Ion Ratio Lower Upper  
284 100  
142 33.1 25.3 37.9  
249 31.9 24.8 37.2





#69

Atrazine

Concen: 35.580 ng

RT: 11.092 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

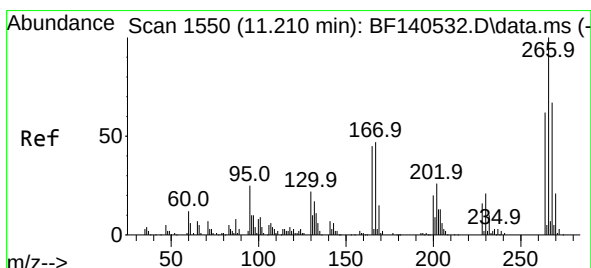
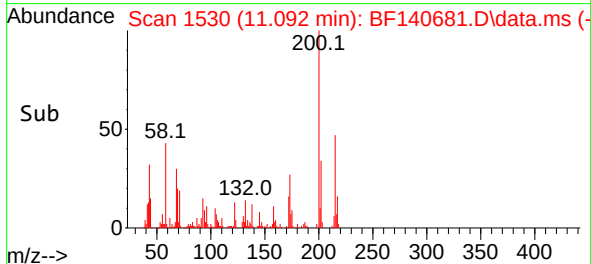
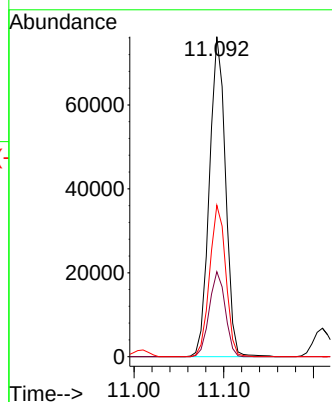
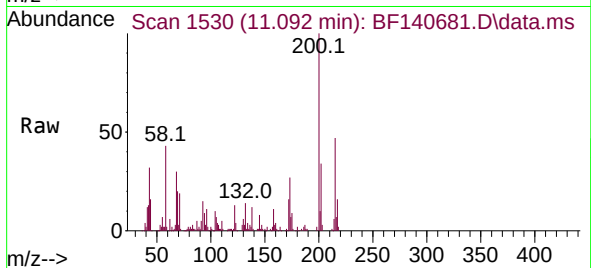
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:200 | Resp: | 9507      |
| Ion Ratio   | Lower | Upper     |
| 200         | 100   |           |
| 173         | 26.5  | 7.0 47.0  |
| 215         | 47.3  | 26.7 66.7 |

Manual Integrations

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Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#70

Pentachlorophenol

Concen: 36.131 ng

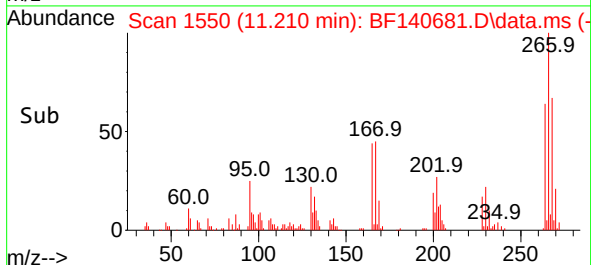
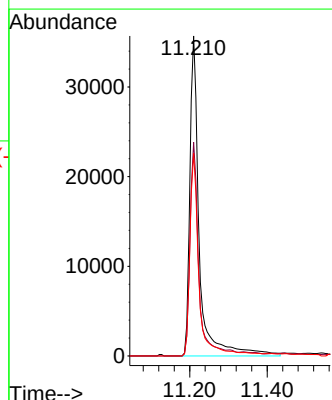
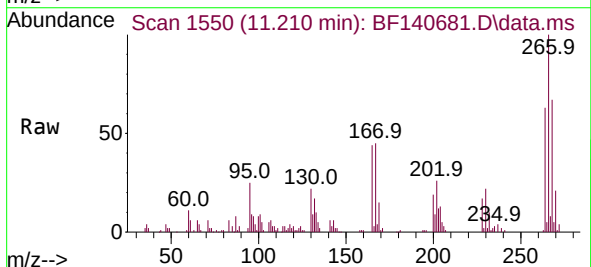
RT: 11.210 min Scan# 1550

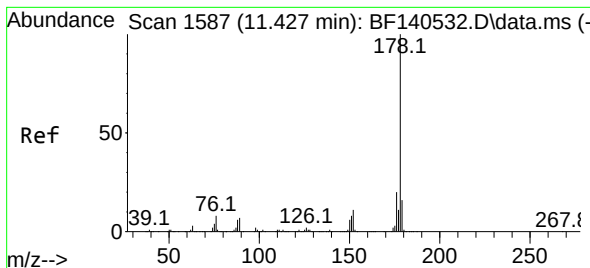
Delta R.T. -0.000 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

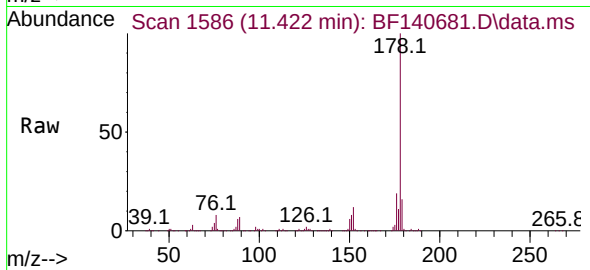
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:266 | Resp: | 60904     |
| Ion Ratio   | Lower | Upper     |
| 266         | 100   |           |
| 268         | 66.8  | 53.7 80.5 |
| 264         | 63.3  | 49.8 74.8 |





#71  
Phenanthrene  
Concen: 39.392 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

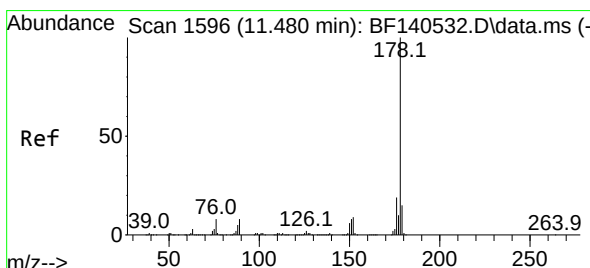
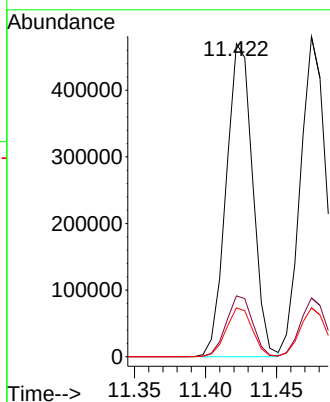
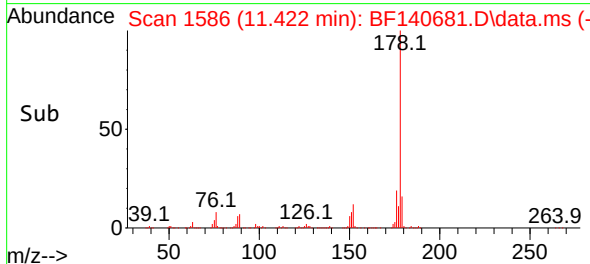
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



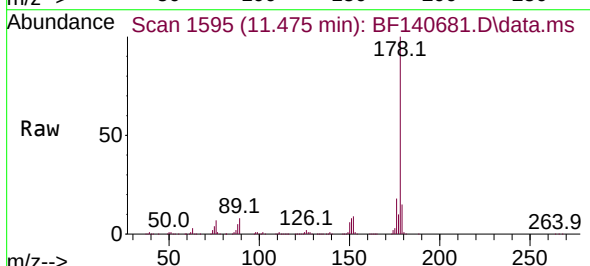
Tgt Ion:178 Resp: 60817  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.6  
179 15.6 12.4 18.6

Manual Integrations  
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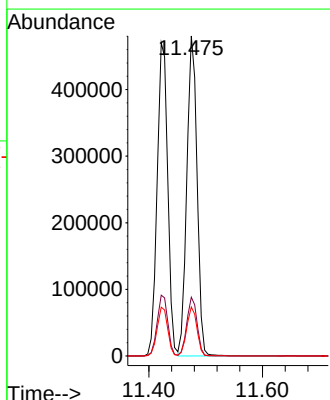
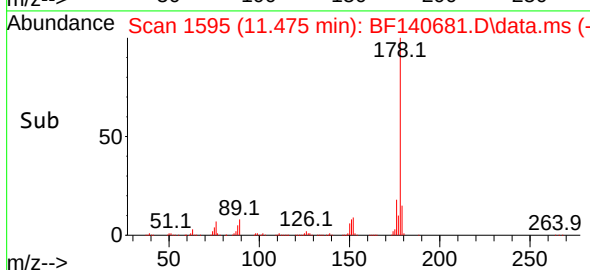
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

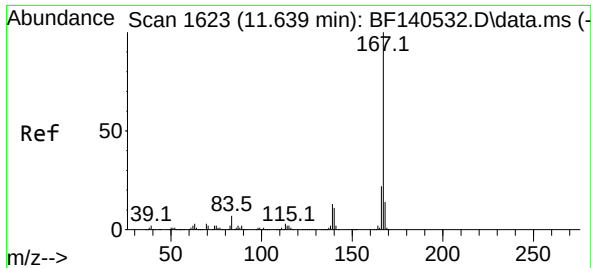


#72  
Anthracene  
Concen: 39.774 ng  
RT: 11.475 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



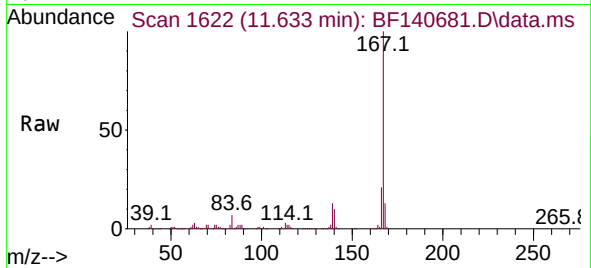
Tgt Ion:178 Resp: 600668  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.4  
179 15.3 12.2 18.4





#73  
 Carbazole  
 Concen: 40.242 ng  
 RT: 11.633 min Scan# 1622  
 Delta R.T. -0.006 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22

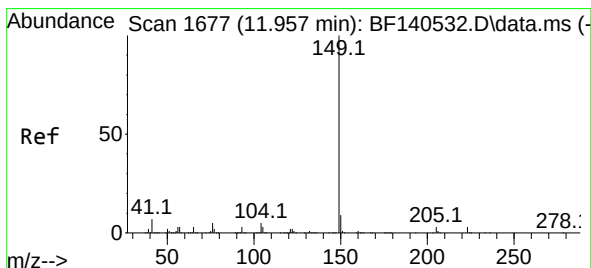
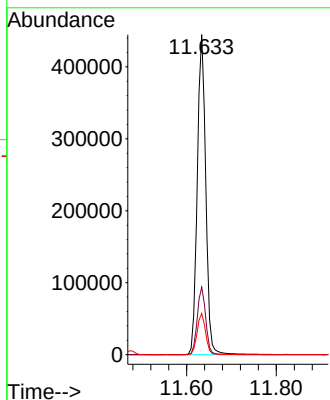
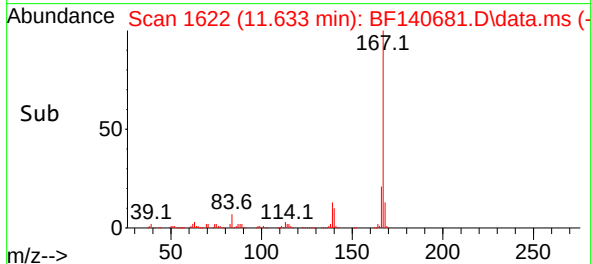
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



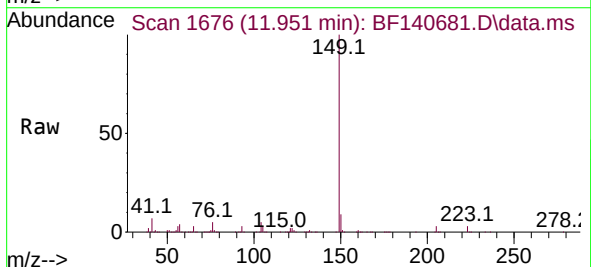
Tgt Ion:167 Resp: 584648  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.2 25.8  
 139 12.9 10.6 15.8

Manual Integrations  
 APPROVED

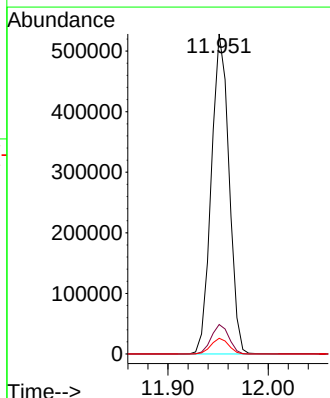
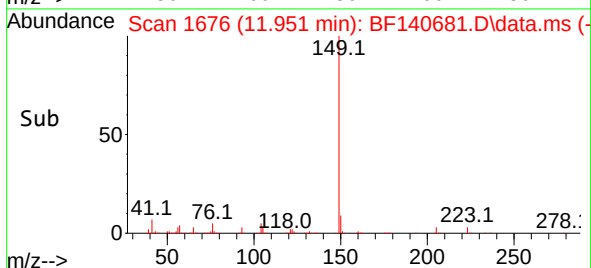
Reviewed By :Yogesh Patel 12/03/2024  
 Supervised By :mohammad ahmed 12/05/2024



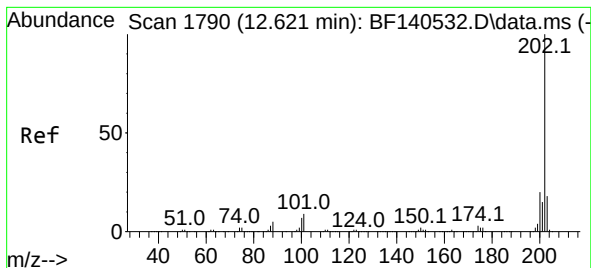
#74  
 Di-n-butylphthalate  
 Concen: 38.680 ng  
 RT: 11.951 min Scan# 1676  
 Delta R.T. -0.006 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22



Tgt Ion:149 Resp: 648784  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 4.9 4.1 6.1







#75

Fluoranthene

Concen: 40.355 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140681.D

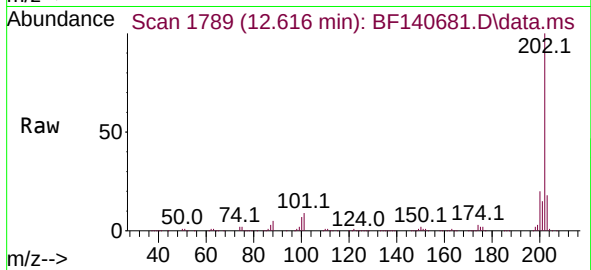
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:202 Resp: 67645

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

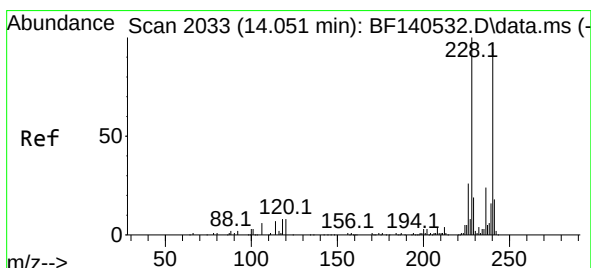
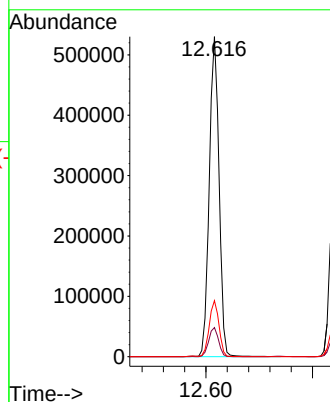
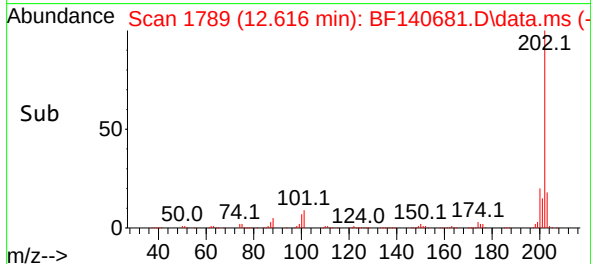
203 17.5 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

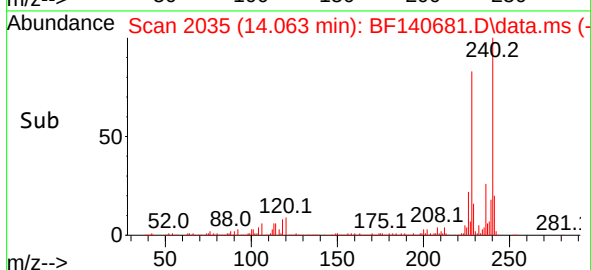
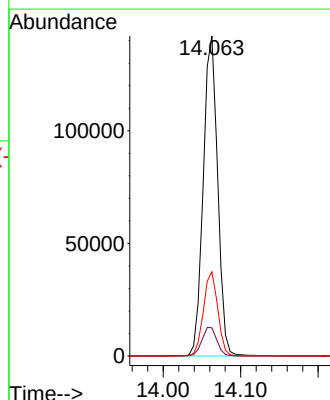
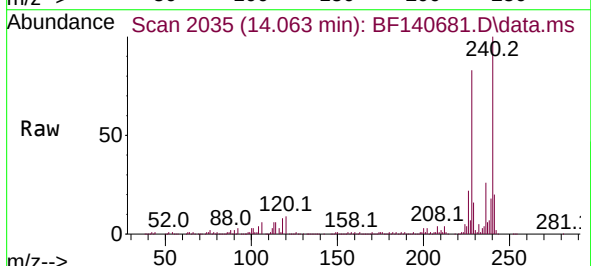
Tgt Ion:240 Resp: 183379

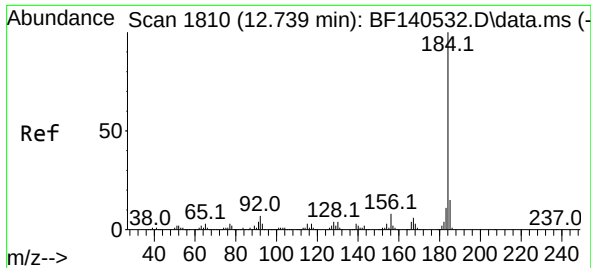
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

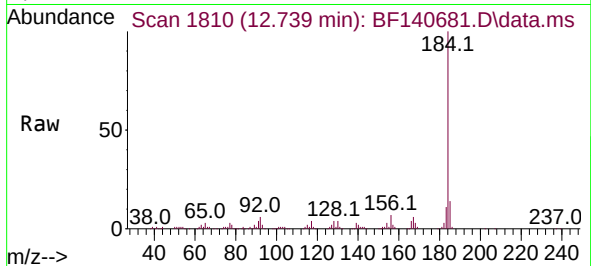
236 26.3 20.6 31.0





#77  
Benzidine  
Concen: 33.951 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

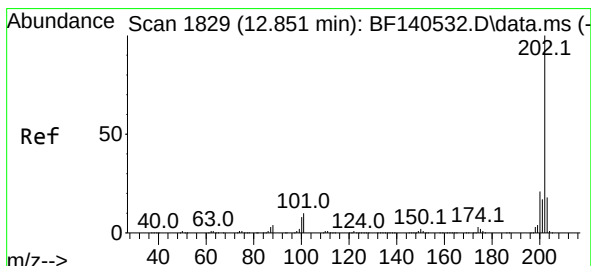
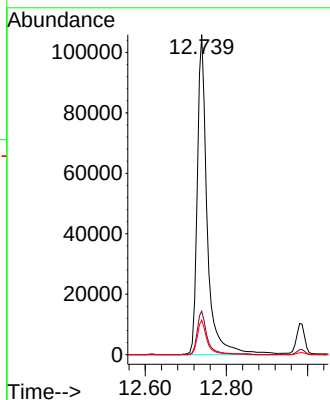
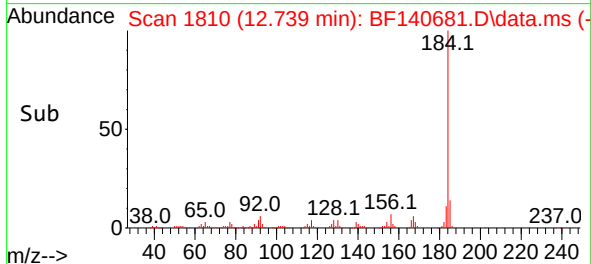
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



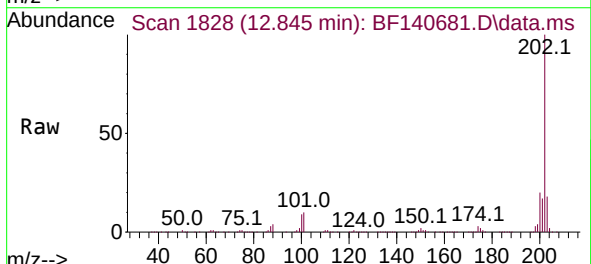
Tgt Ion:184 Resp: 18101  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.7 17.5  
183 10.7 8.8 13.2

Manual Integrations  
APPROVED

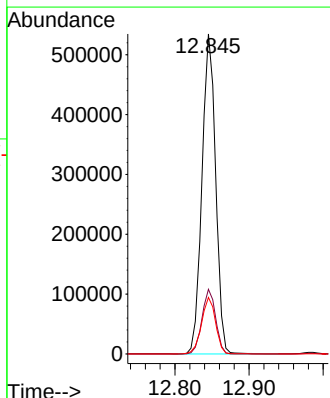
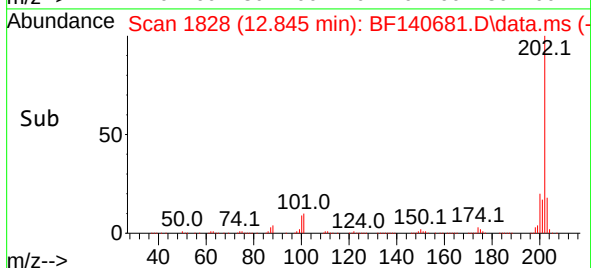
Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

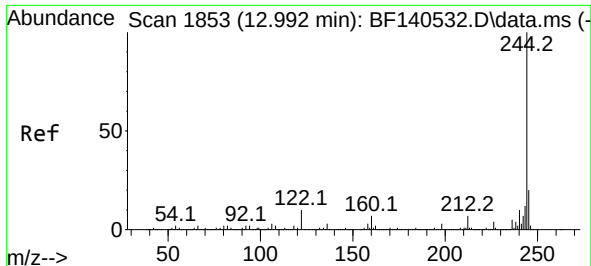


#78  
Pyrene  
Concen: 40.567 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22



Tgt Ion:202 Resp: 687839  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.5 24.7  
203 17.7 14.2 21.4





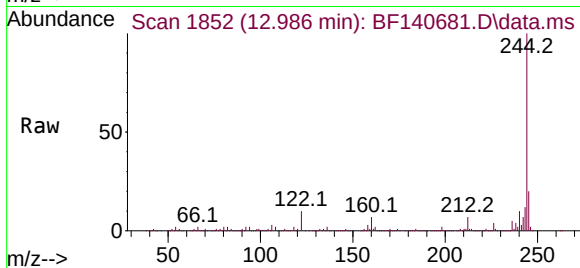
#79  
 Terphenyl-d14  
 Concen: 78.587 ng  
 RT: 12.986 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



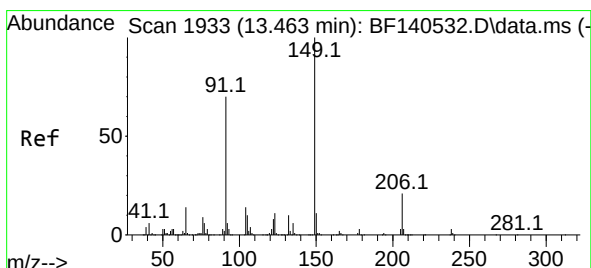
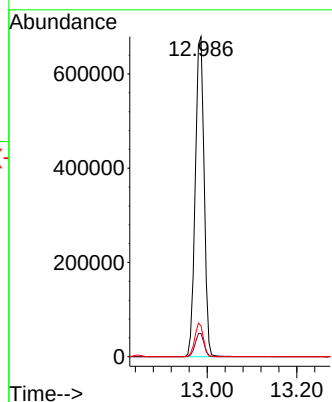
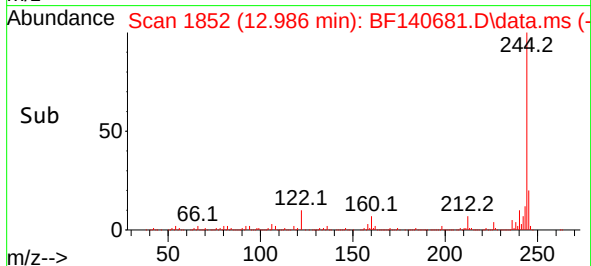
Tgt Ion:244 Resp: 925492  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 9.6 8.0 12.0

Manual Integrations

APPROVED

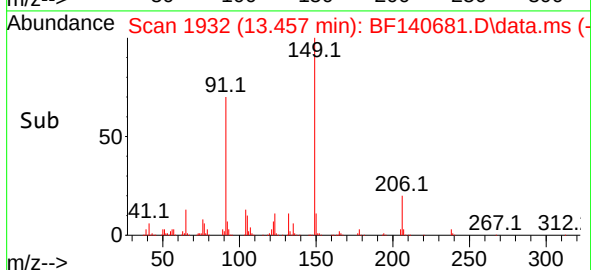
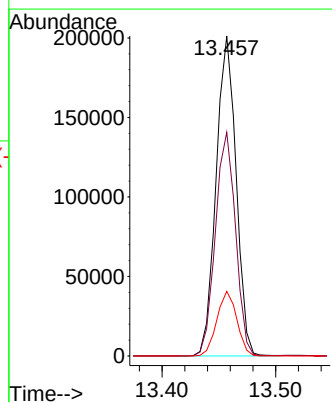
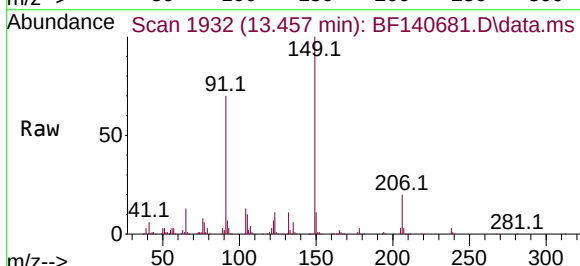
Reviewed By :Yogesh Patel 12/03/2024

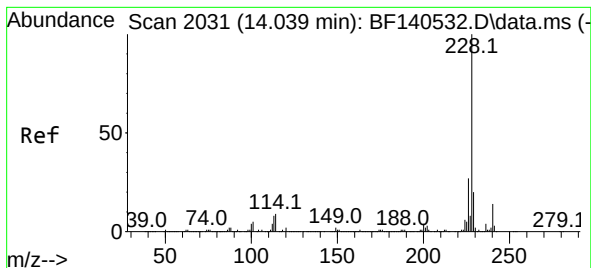
Supervised By :mohammad ahmed 12/05/2024



#80  
 Butylbenzylphthalate  
 Concen: 40.363 ng  
 RT: 13.457 min Scan# 1932  
 Delta R.T. -0.006 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22

Tgt Ion:149 Resp: 246541  
 Ion Ratio Lower Upper  
 149 100  
 91 69.9 56.2 84.2  
 206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.870 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140681.D

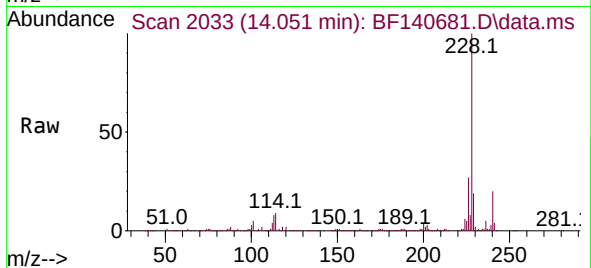
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 48398

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

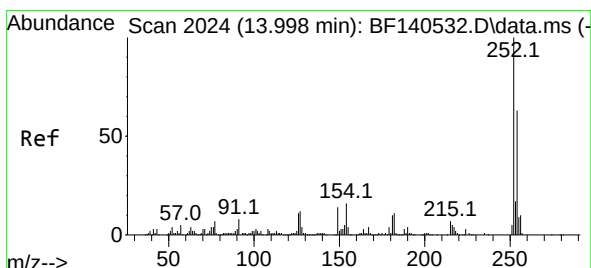
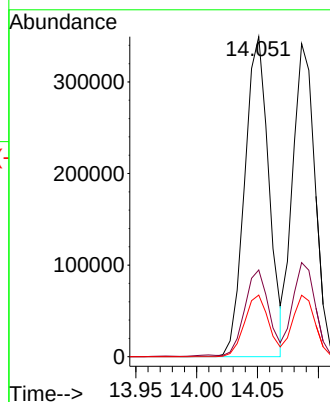
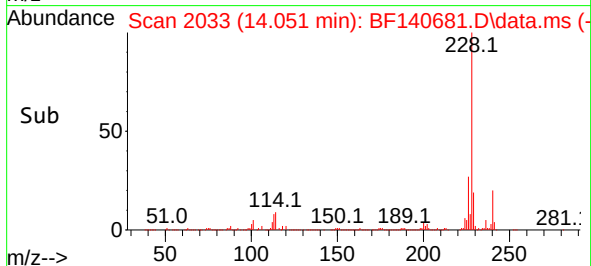
229 19.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.858 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

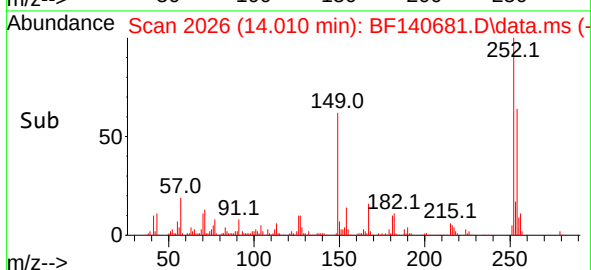
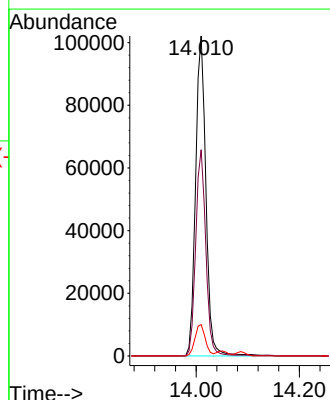
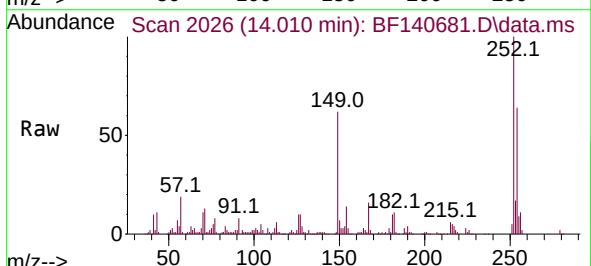
Tgt Ion:252 Resp: 141622

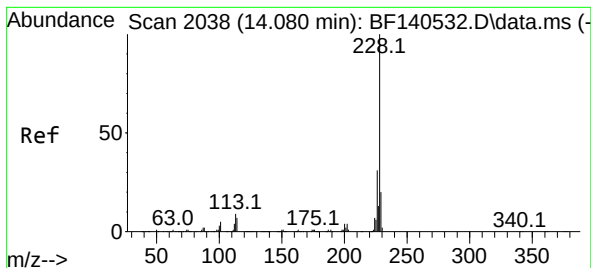
Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 9.8 8.6 13.0





#83

Chrysene

Concen: 39.658 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

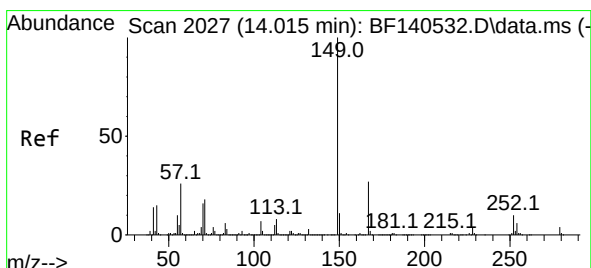
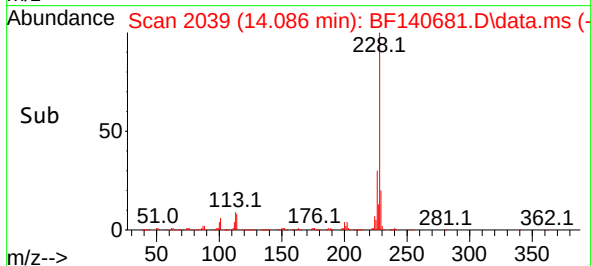
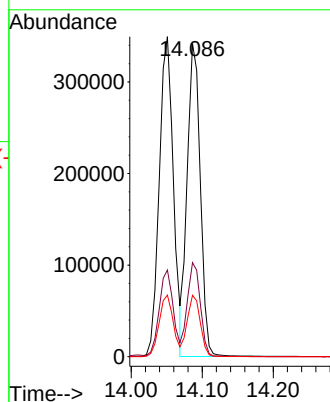
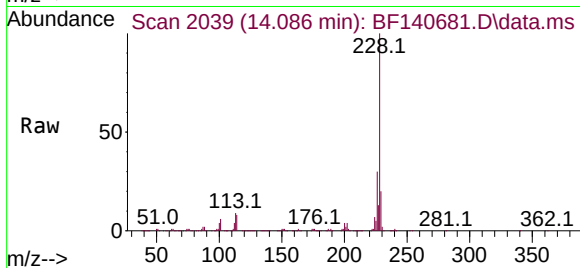
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 440189 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 24.4  | 36.6   |
| 229       | 19.6  | 15.8  | 23.6   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.009 ng

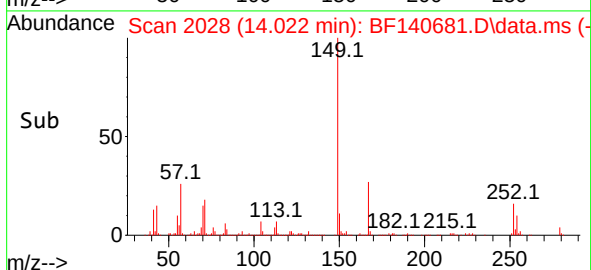
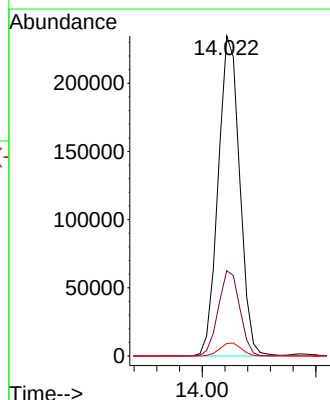
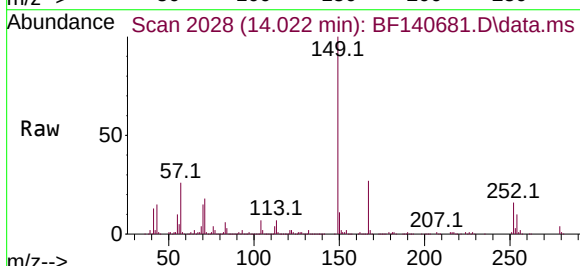
RT: 14.022 min Scan# 2028

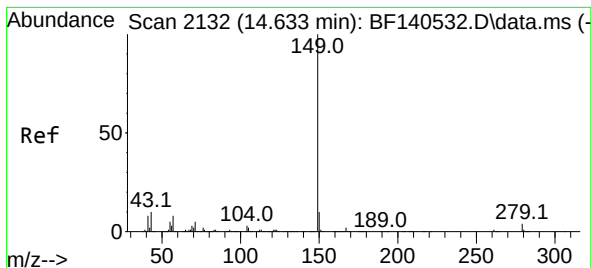
Delta R.T. 0.006 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 308576 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.7  | 21.2  | 31.8   |
| 279       | 3.9   | 3.2   | 4.8    |





#85

Di-n-octyl phthalate

Concen: 39.662 ng

RT: 14.669 min Scan# 2138

Delta R.T. 0.035 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 418059

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

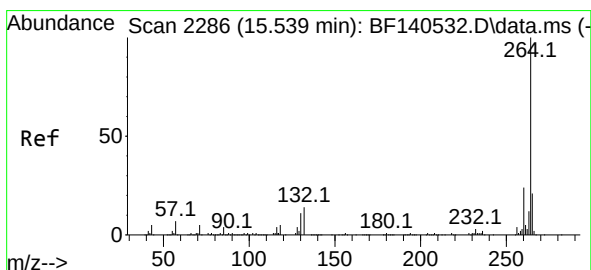
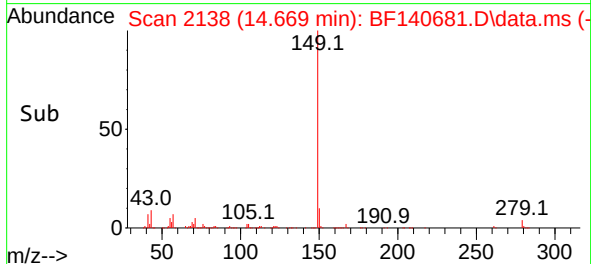
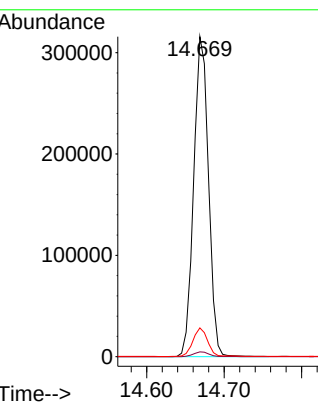
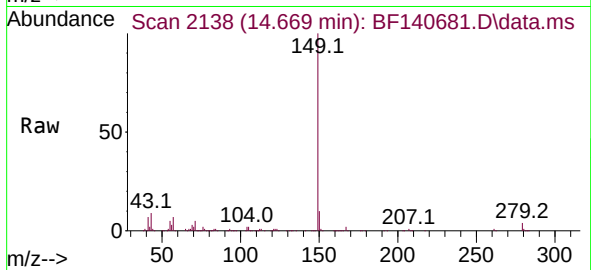
43 8.9 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.041 min

Lab File: BF140681.D

Acq: 02 Dec 2024 10:22

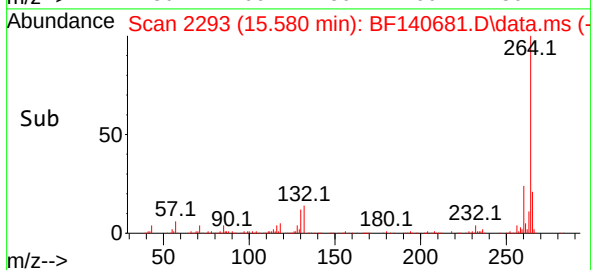
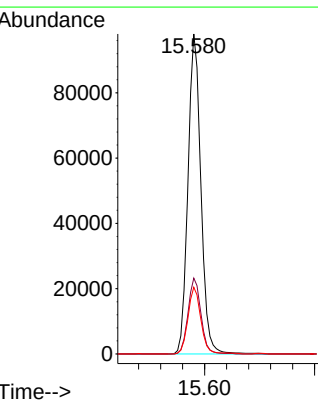
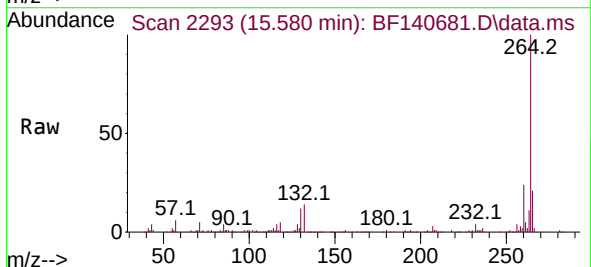
Tgt Ion:264 Resp: 159952

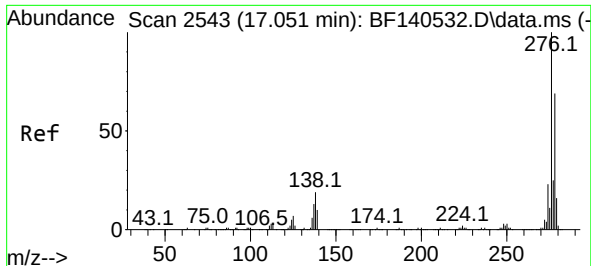
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.8 16.6 25.0





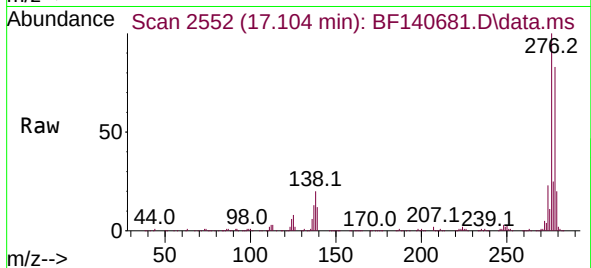
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.823 ng  
 RT: 17.104 min Scan# 21  
 Delta R.T. 0.053 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



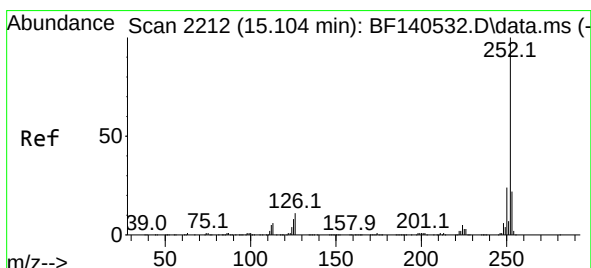
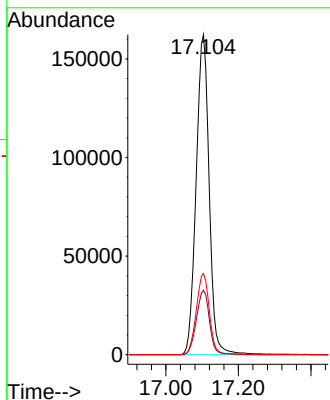
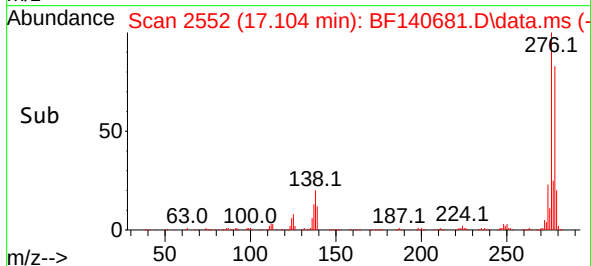
Tgt Ion:276 Resp: 404685  
 Ion Ratio Lower Upper  
 276 100  
 138 20.2 15.5 23.3  
 277 25.4 20.1 30.1

Manual Integrations

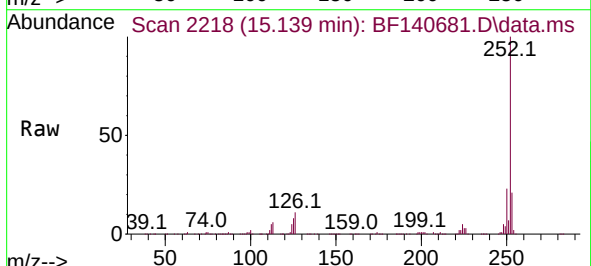
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

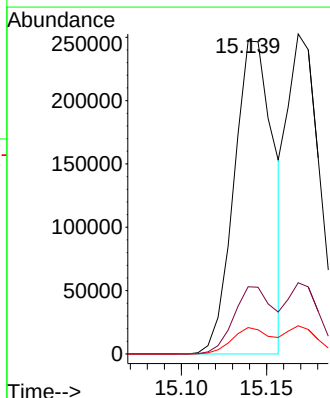
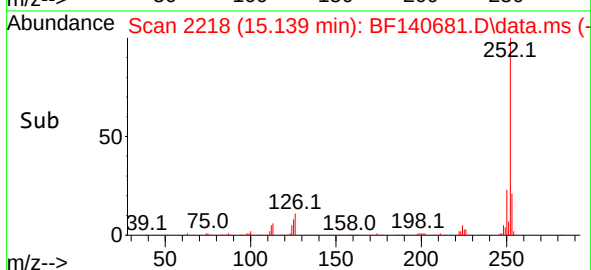
Supervised By :mohammad ahmed 12/05/2024

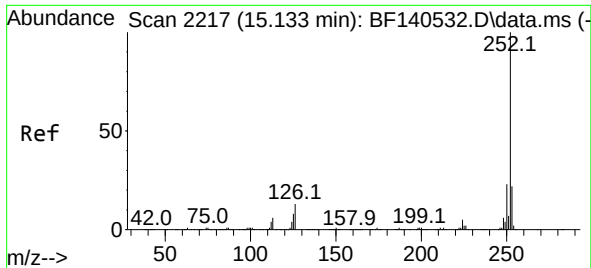


#88  
 Benzo(b)fluoranthene  
 Concen: 39.598 ng  
 RT: 15.139 min Scan# 2218  
 Delta R.T. 0.035 min  
 Lab File: BF140681.D  
 Acq: 02 Dec 2024 10:22



Tgt Ion:252 Resp: 397834  
 Ion Ratio Lower Upper  
 252 100  
 253 21.5 17.2 25.8  
 125 8.4 6.7 10.1





#89  
Benzo(k)fluoranthene  
Concen: 38.123 ng  
RT: 15.169 min Scan# 21  
Delta R.T. 0.035 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

ClientSampleId :

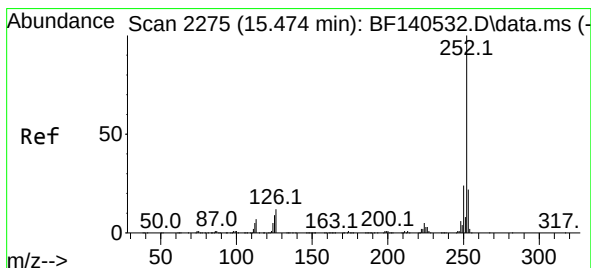
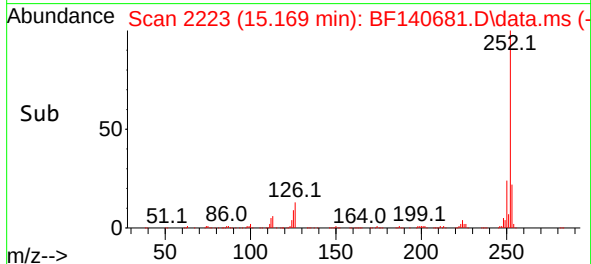
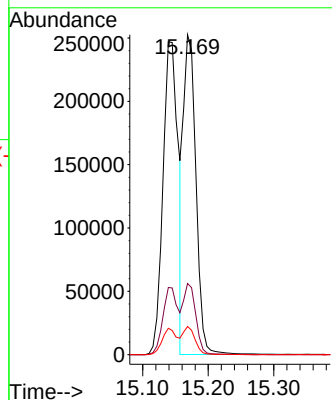
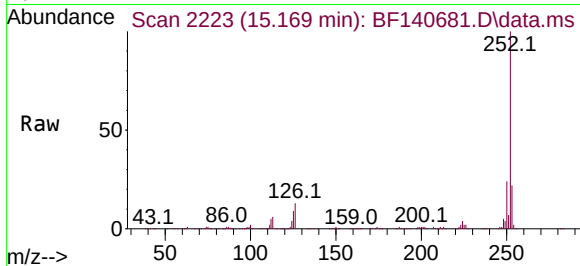
SSTDCCC040

Tgt Ion:252 Resp: 335170  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 8.8 6.5 9.7

Manual Integrations

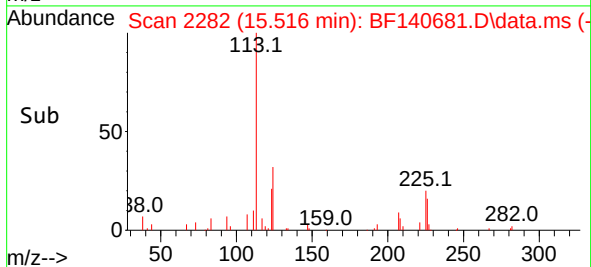
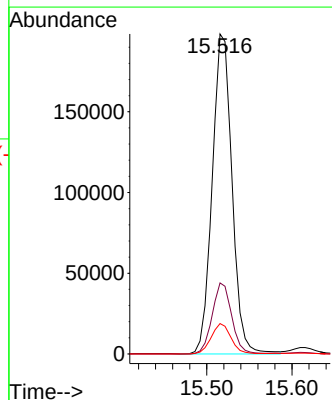
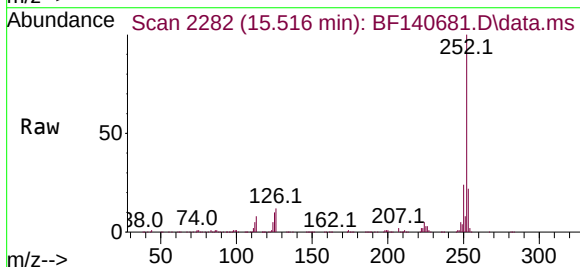
APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024

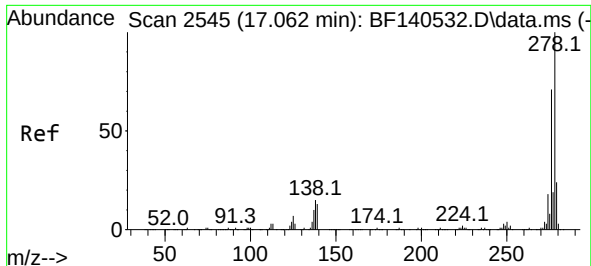


#90  
Benzo(a)pyrene  
Concen: 39.153 ng  
RT: 15.516 min Scan# 2282  
Delta R.T. 0.041 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:252 Resp: 319834  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 9.5 7.0 10.6







#91  
Dibenzo(a,h)anthracene  
Concen: 38.424 ng  
RT: 17.110 min Scan# 21  
Delta R.T. 0.047 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Instrument :

BNA\_F

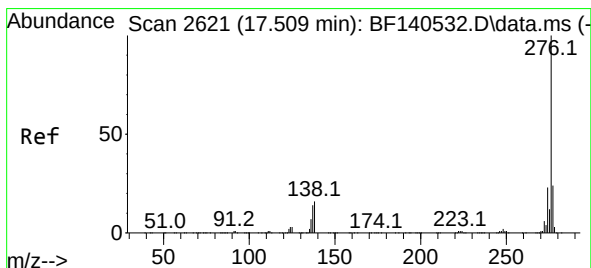
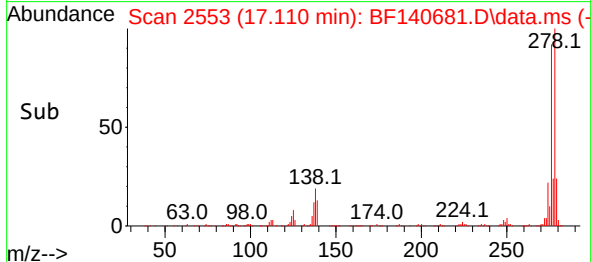
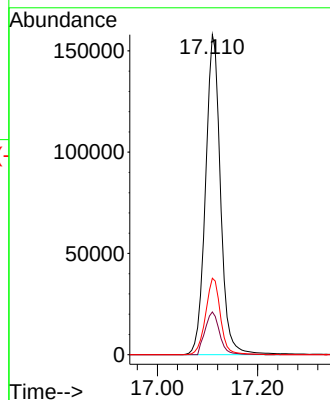
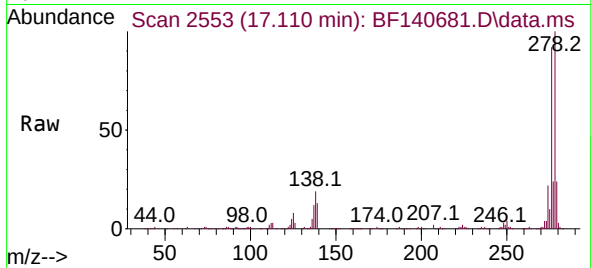
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 328020  
Ion Ratio Lower Upper  
278 100  
139 13.3 10.2 15.4  
279 23.9 18.9 28.3

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
Supervised By :mohammad ahmed 12/05/2024



#92  
Benzo(g,h,i)perylene  
Concen: 39.067 ng  
RT: 17.562 min Scan# 2630  
Delta R.T. 0.053 min  
Lab File: BF140681.D  
Acq: 02 Dec 2024 10:22

Tgt Ion:276 Resp: 340327  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 17.2 13.2 19.8

