Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135465.D
Acq On : 27 Sep 2023 11:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 01:37:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.757 | 152 | 172773 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.034 | 136 | 689749 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.792 | 164 | 345537 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.286 | 188 | 645623 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 13.945 | 240 | 295837 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.410 | 264 | 279676 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.387 | 112 | 847890 | 79.818 | ng | | 0.00 |
| 7) Phenol-d6 | 6.410 | 99 | 1065063 | 78.850 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.328 | 82 | 981052 | 77.274 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.592 | 330 | 222856 | 64.901 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.116 | 172 | 1561464 | 68.178 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.886 | 244 | 1468494 | 76.949 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.452 | 88 | 210294 | 45.159 | ng | | 93 |
| 3) Pyridine | 3.199 | 79 | 582385 | 46.467 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.169 | 42 | 282787 | 42.519 | ng | | 93 |
| 6) Aniline | 6.428 | 93 | 685980 | 38.728 | ng | # | 93 |
| 8) 2-Chlorophenol | 6.545 | 128 | 451926 | 39.853 | ng | | 98 |
| 9) Benzaldehyde | 6.316 | 77 | 315726 | 41.031 | ng | | 98 |
| 10) Phenol | 6.422 | 94 | 567065 | 38.286 | ng | # | 75 |
| 11) bis(2-Chloroethyl)ether | 6.498 | 93 | 464531 | 41.811 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.698 | 146 | 450861 | 39.122 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.775 | 146 | 455274 | 38.829 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.928 | 146 | 410133 | 37.666 | ng | | 96 |
| 15) Benzyl Alcohol | 6.904 | 79 | 343933 | 35.484 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.034 | 45 | 838981 | 40.063 | ng | | 86 |
| 17) 2-Methylphenol | 7.022 | 107 | 400759 | 40.048 | ng | | 96 |
| 18) Hexachloroethane | 7.263 | 117 | 170177 | 39.281 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.175 | 70 | 305746 | 36.544 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.175 | 107 | 457596 | 38.028 | ng | | 90 |
| 22) Acetophenone | 7.169 | 105 | 585088 | 37.103 | ng | | 95 |
| 24) Nitrobenzene | 7.345 | 77 | 497903 | 39.679 | ng | | 96 |
| 25) Isophorone | 7.581 | 82 | 933411 | 40.039 | ng | | 97 |
| 26) 2-Nitrophenol | 7.657 | 139 | 243665 | 40.459 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.698 | 122 | 404877 | 39.995 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.792 | 93 | 573948 | 41.133 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.904 | 162 | 363628 | 38.765 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.981 | 180 | 371475 | 37.888 | ng | | 99 |
| 31) Naphthalene | 8.057 | 128 | 1281615 | 38.242 | ng | | 99 |
| 32) Benzoic acid | 7.834 | 122 | 266771m | 34.996 | ng | | |
| 33) 4-Chloroaniline | 8.116 | 127 | 572986 | 38.969 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.169 | 225 | 211403 | 35.759 | ng | | 99 |
| 35) Caprolactam | 8.498 | 113 | 132212 | 41.996 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.604 | 107 | 405015 | 38.849 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.751 | 142 | 827403 | 36.729 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.851 | 142 | 771942 | 36.601 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.916 | 216 | 376185 | 37.579 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.898 | 237 | 152322 | 38.730 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.033 | 196 | 246784 | 37.652 | ng | | 100 |

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Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 01:37:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.081 | 196 | 284624 | 37.709 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.216 | 154 | 999001 | 37.621 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.239 | 162 | 729717 | 37.875 | ng | | 99 |
| 48) 2-Nitroaniline | 9.345 | 65 | 302643 | 40.434 | ng | | 98 |
| 49) Acenaphthylene | 9.657 | 152 | 1179154 | 36.826 | ng | | 99 |
| 50) Dimethylphthalate | 9.522 | 163 | 888798 | 38.045 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.592 | 165 | 196187 | 38.334 | ng | | 88 |
| 52) Acenaphthene | 9.828 | 154 | 720369 | 38.084 | ng | | 97 |
| 53) 3-Nitroaniline | 9.763 | 138 | 242021 | 40.287 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.880 | 184 | 83871 | 32.861 | ng | | 87 |
| 55) Dibenzofuran | 10.004 | 168 | 1015861 | 35.194 | ng | | 98 |
| 56) 4-Nitrophenol | 9.939 | 139 | 125224m | 32.798 | ng | | |
| 57) 2,4-Dinitrotoluene | 9.998 | 165 | 225711 | 35.229 | ng | # | 81 |
| 58) Fluorene | 10.345 | 166 | 810411 | 36.521 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.128 | 232 | 207324 | 35.707 | ng | | 99 |
| 60) Diethylphthalate | 10.222 | 149 | 876513 | 37.385 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.339 | 204 | 380724 | 35.717 | ng | | 93 |
| 62) 4-Nitroaniline | 10.380 | 138 | 218251 | 37.795 | ng | | 96 |
| 63) Azobenzene | 10.498 | 77 | 919939 | 40.091 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198 | 128910 | 37.593 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.463 | 169 | 751147 | 38.430 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.827 | 248 | 243193 | 37.873 | ng | | 96 |
| 68) Hexachlorobenzene | 10.898 | 284 | 238504 | 36.459 | ng | | 95 |
| 69) Atrazine | 10.992 | 200 | 190634 | 36.247 | ng | | 98 |
| 70) Pentachlorophenol | 11.098 | 266 | 136598 | 34.901 | ng | | 96 |
| 71) Phenanthrene | 11.310 | 178 | 1136244 | 37.211 | ng | | 99 |
| 72) Anthracene | 11.363 | 178 | 1196512 | 38.121 | ng | | 99 |
| 73) Carbazole | 11.527 | 167 | 1107263 | 38.753 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.857 | 149 | 1328369 | 39.455 | ng | | 100 |
| 75) Fluoranthene | 12.510 | 202 | 1176207 | 36.967 | ng | | 99 |
| 77) Benzidine | 12.633 | 184 | 245561 | 40.517 | ng | | 98 |
| 78) Pyrene | 12.739 | 202 | 1184432 | 42.052 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.363 | 149 | 462843 | 46.673 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.933 | 228 | 762411 | 39.911 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.898 | 252 | 239041 | 40.061 | ng | # | 98 |
| 83) Chrysene | 13.974 | 228 | 761741 | 40.107 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.921 | 149 | 525985 | 51.687 | ng | # | 100 |
| 85) Di-n-octyl phthalate | 14.539 | 149 | 739793 | 45.745 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.904 | 276 | 774549 | 42.239 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 14.986 | 252 | 565540 | 37.354 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 15.015 | 252 | 569979 | 38.112 | ng | # | 98 |
| 90) Benzo(a)pyrene | 15.351 | 252 | 576285 | 39.915 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.909 | 278 | 623846 | 41.579 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.351 | 276 | 671389 | 42.846 | ng | # | 95 |

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

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Data File : BF135465.D
Acq On : 27 Sep 2023 11:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 01:37:42 2023
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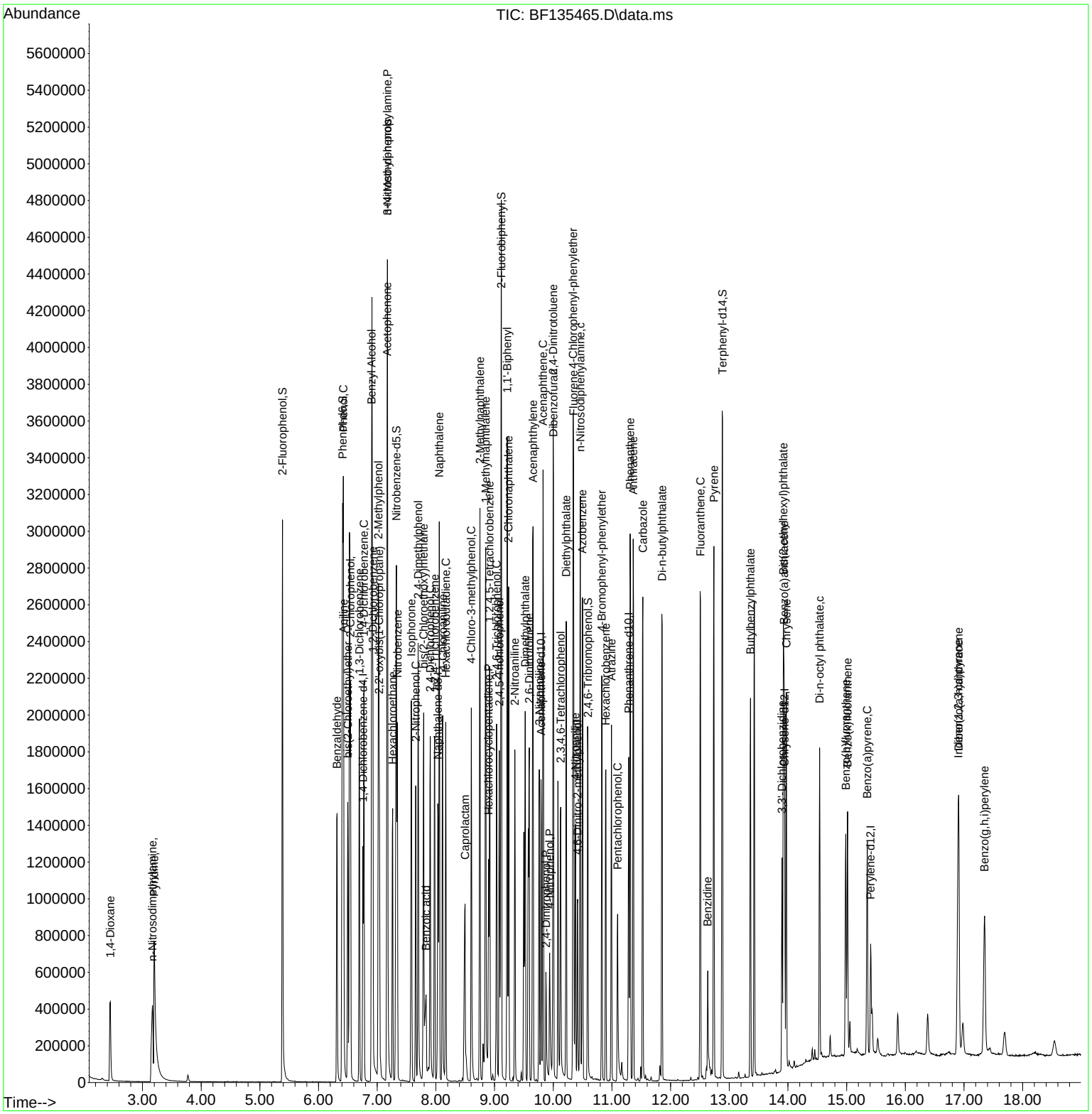
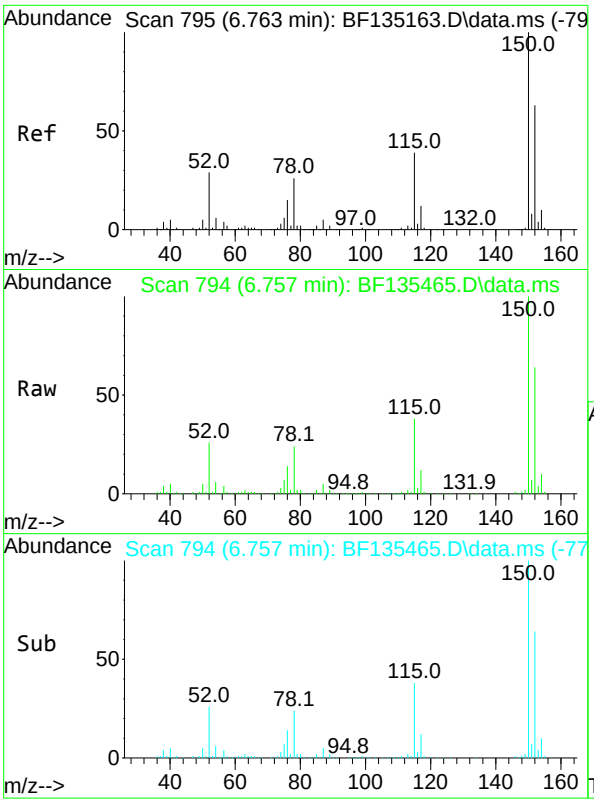
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

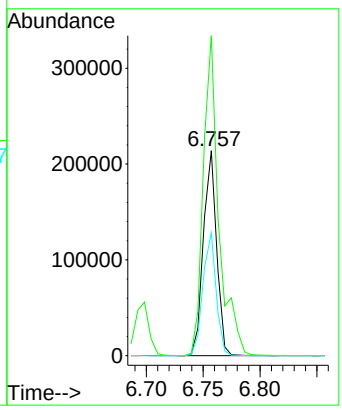





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:152 Resp: 17277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.1 | 127.8 | 191.6 |
| 115 | 59.9 | 49.8 | 74.8 |

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BNA_F
**ClientSampleId :**
SSTDCCC040

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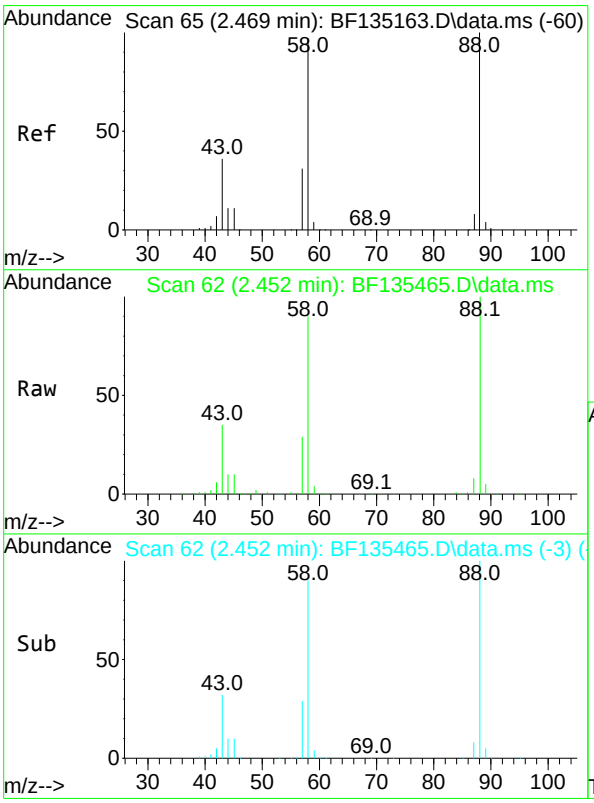
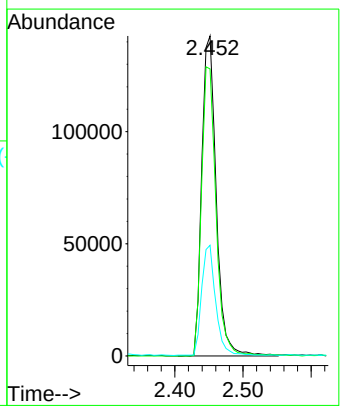
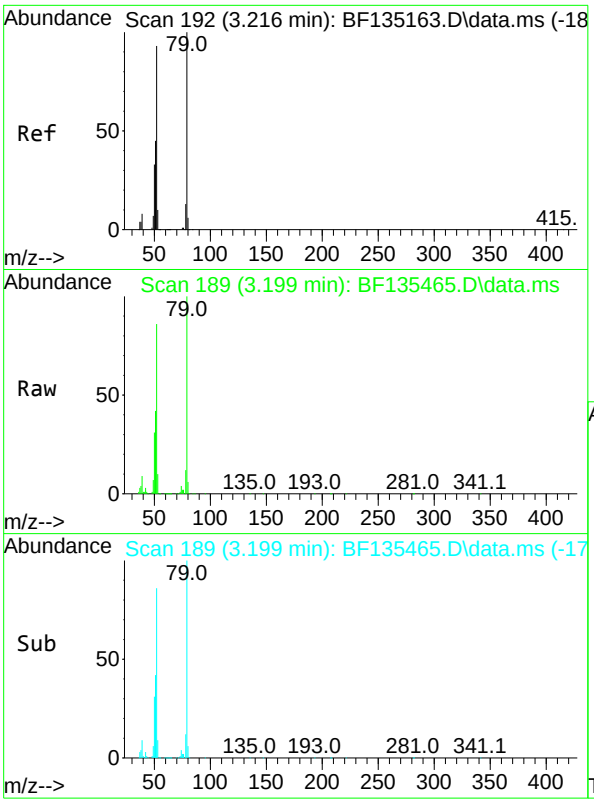



#2
1,4-Dioxane
Concen: 45.159 ng
RT: 2.452 min Scan# 62
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 88 Resp: 210294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 90.6 | 78.3 | 117.5 |
| 43 | 33.5 | 29.4 | 44.0 |

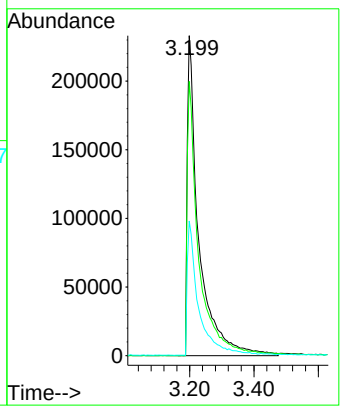





#3
Pyridine
Concen: 46.467 ng
RT: 3.199 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 79 Resp: 58238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.7 | 74.1 | 111.1 |
| 51 | 42.1 | 35.8 | 53.8 |




**Instrument :**
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**Manual Integrations**
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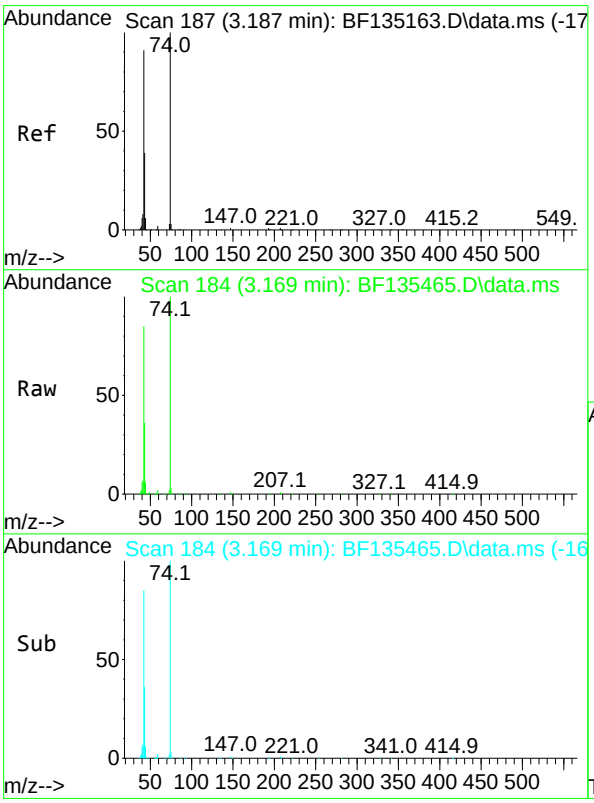
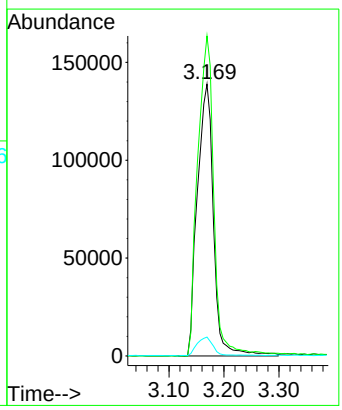
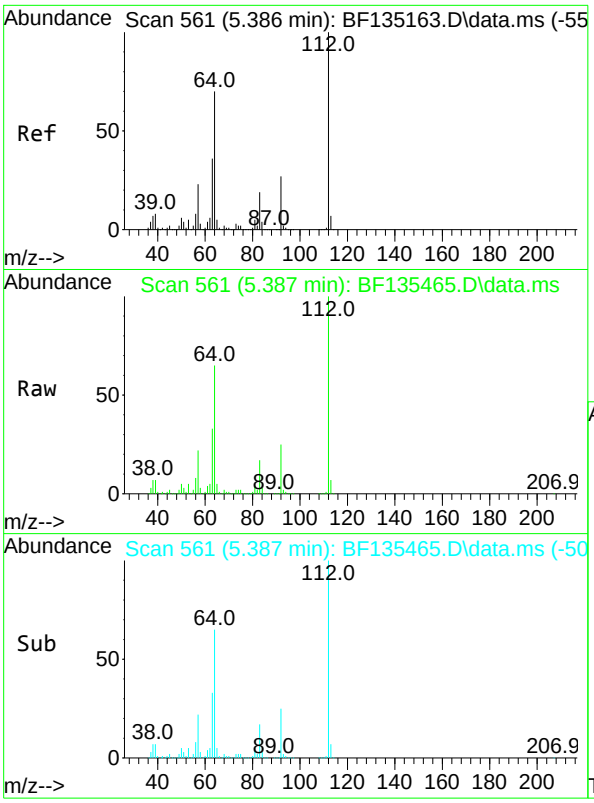



#4
n-Nitrosodimethylamine
Concen: 42.519 ng
RT: 3.169 min Scan# 184
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 42 Resp: 282787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 117.7 | 87.7 | 131.5 |
| 44 | 7.0 | 5.6 | 8.4 |

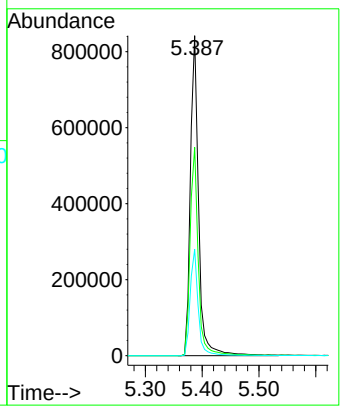





#5
2-Fluorophenol
Concen: 79.818 ng
RT: 5.387 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:112 Resp: 84789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.1 | 55.9 | 83.9 |
| 63 | 33.3 | 29.0 | 43.6 |

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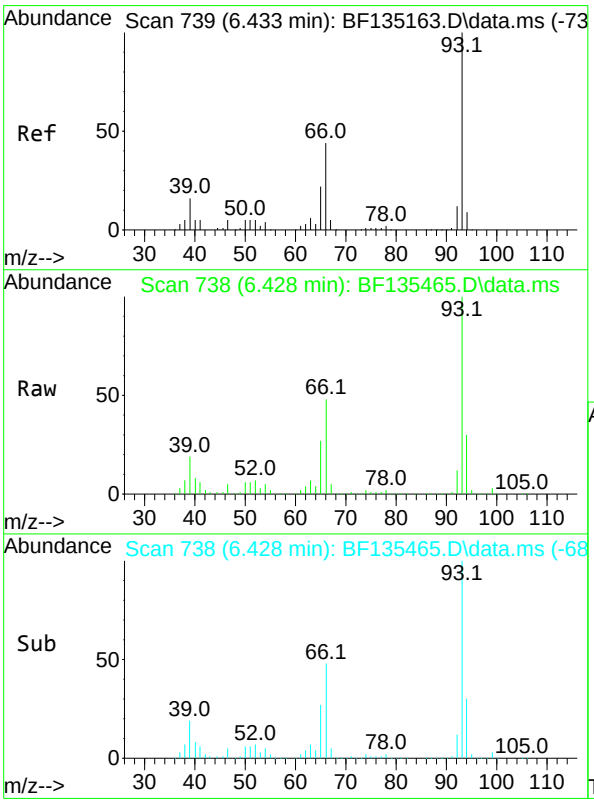
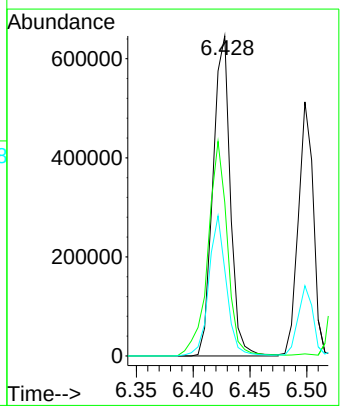
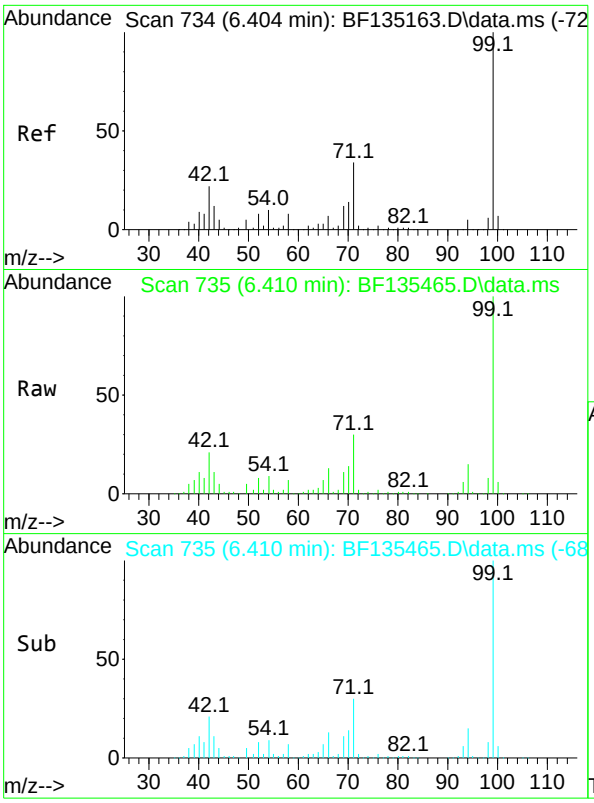



#6
Aniline
Concen: 38.728 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 93 Resp: 685980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 48.0 | 35.4 | 53.0 |
| 65 | 26.9 | 17.8 | 26.8# |

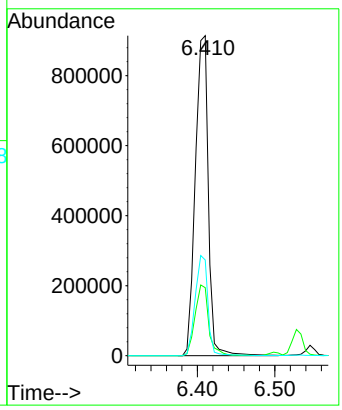





#7
Phenol-d6
Concen: 78.850 ng
RT: 6.410 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 99 Resp: 106506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 17.9 | 26.9 |
| 71 | 29.9 | 27.0 | 40.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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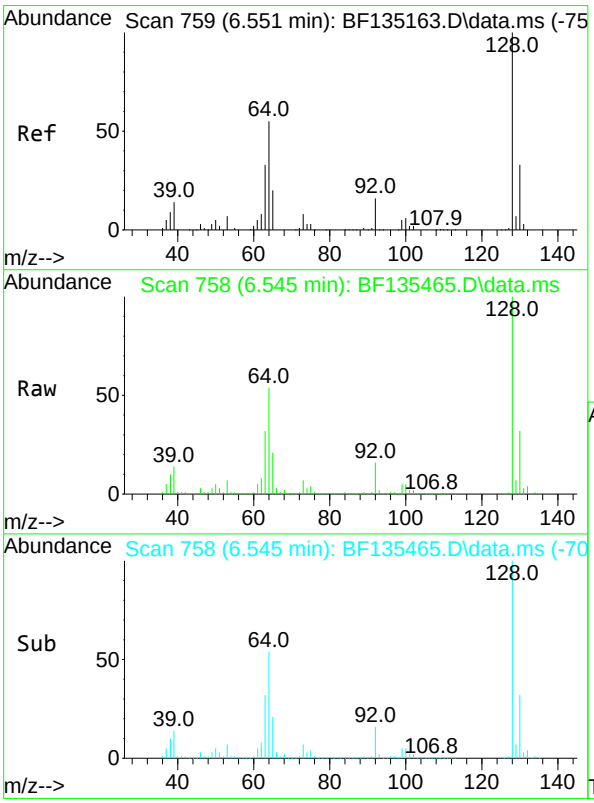
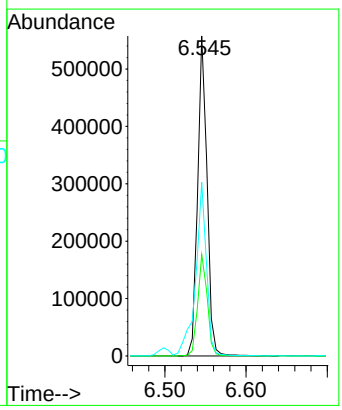
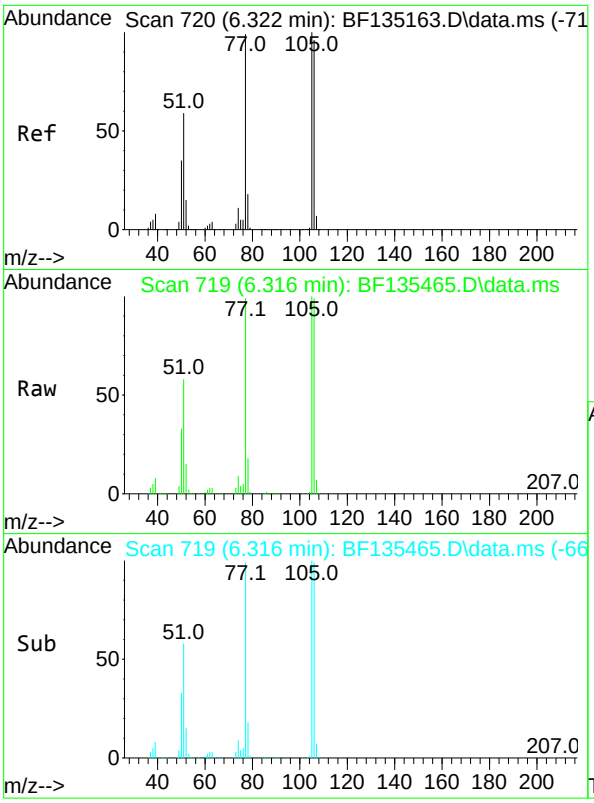



#8
2-Chlorophenol
Concen: 39.853 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:128 Resp: 451926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.7 | 12.7 | 52.7 |
| 64 | 54.3 | 35.9 | 75.9 |

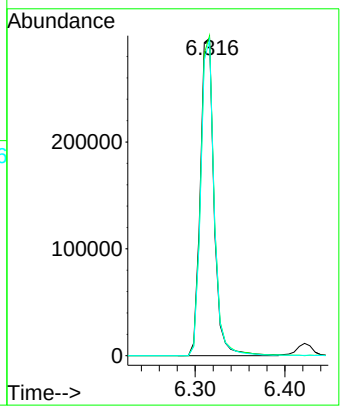





#9
Benzaldehyde
Concen: 41.031 ng
RT: 6.316 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 77 Resp: 31572

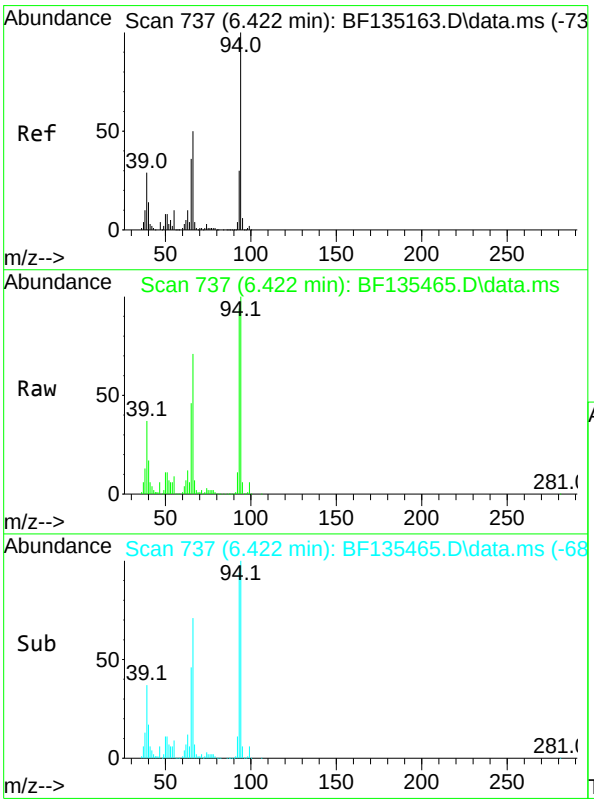
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.8 | 81.4 | 121.4 |
| 106 | 99.6 | 76.9 | 116.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

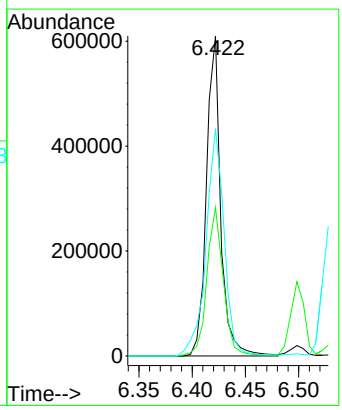
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

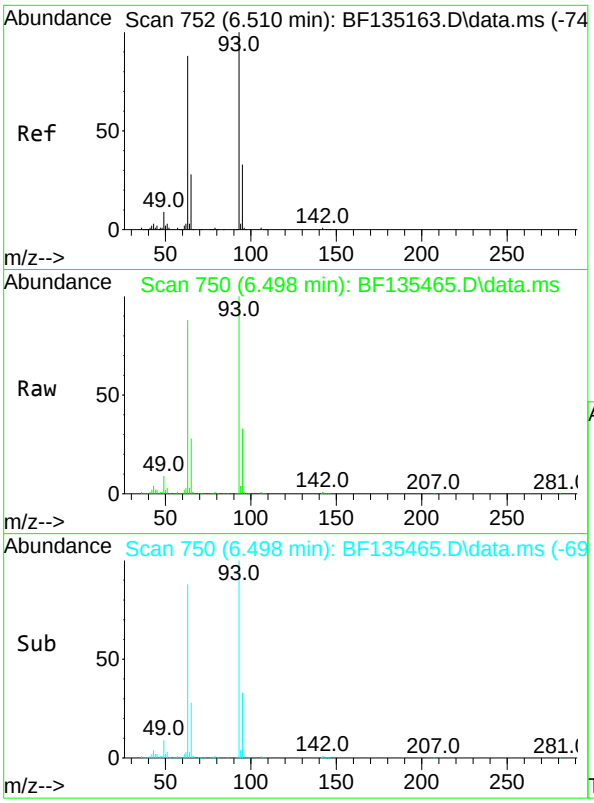



#10
Phenol
Concen: 38.286 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 94 Resp: 567065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 46.4 | 15.9 | 55.9 |
| 66 | 71.0 | 29.8 | 69.8# |






#11
bis(2-Chloroethyl)ether
Concen: 41.811 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 93 Resp: 46453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 88.4 | 67.3 | 107.3 |
| 95 | 33.3 | 12.7 | 52.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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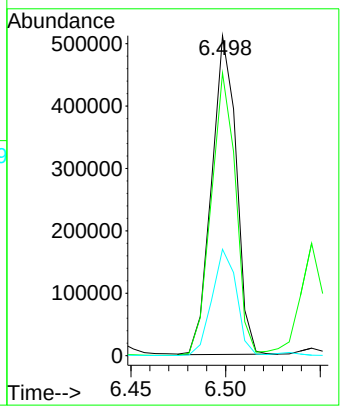
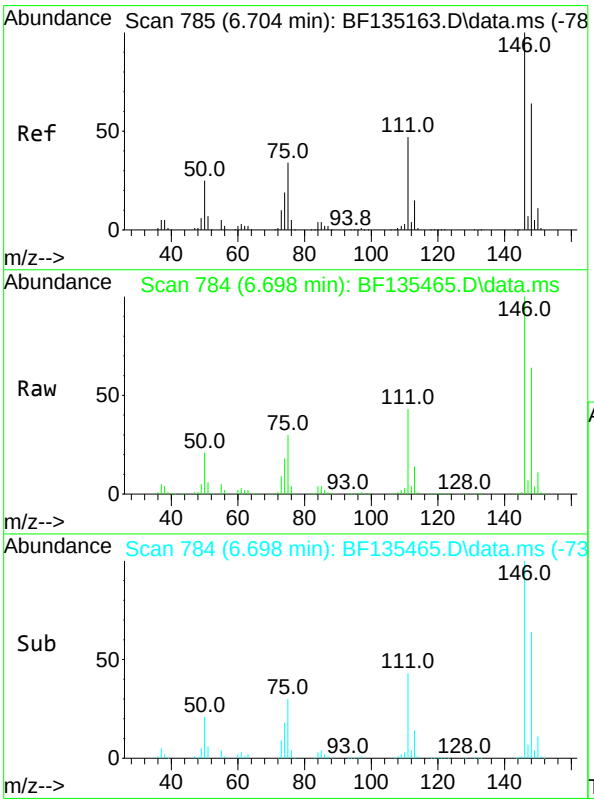
Supervised By :mohammad ahmed 09/29/2023

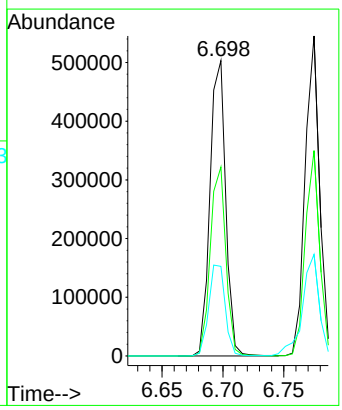


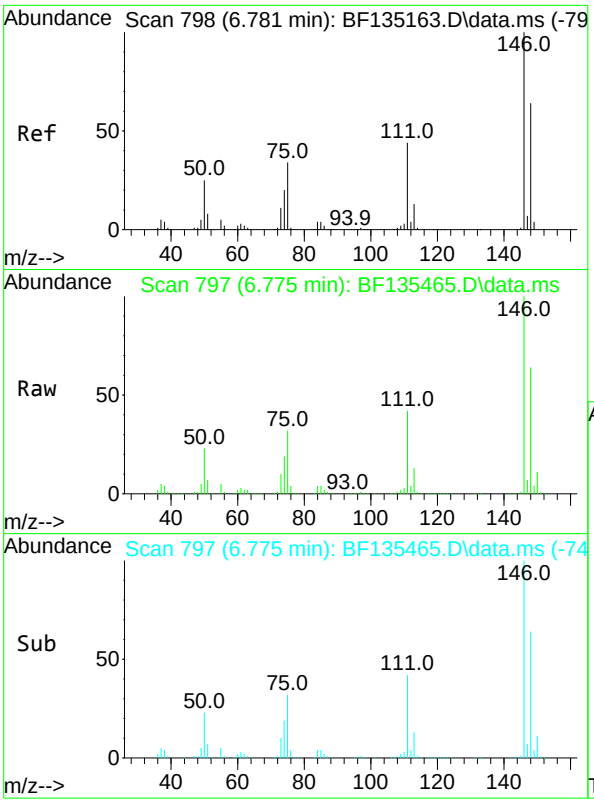




#12
1,3-Dichlorobenzene
Concen: 39.122 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:146 Resp: 450861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.3 | 76.9 |
| 75 | 30.3 | 27.4 | 41.2 |

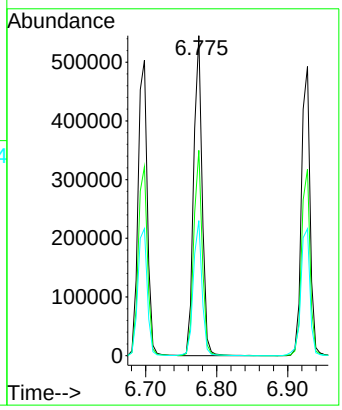





#13
1,4-Dichlorobenzene
Concen: 38.829 ng
RT: 6.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:146 Resp: 45527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.3 | 76.9 |
| 111 | 42.2 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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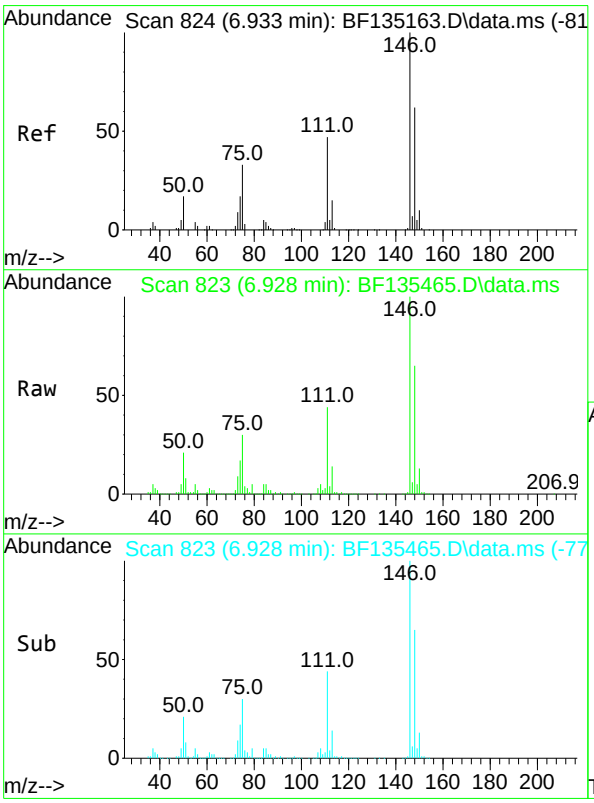
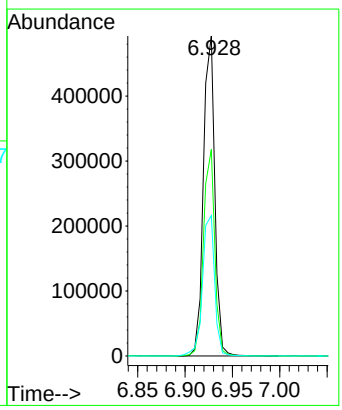
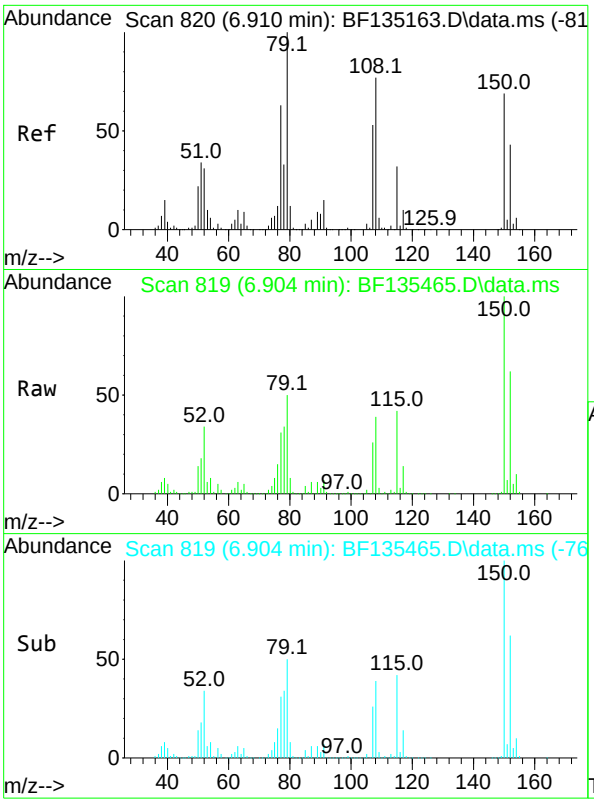



#14
1,2-Dichlorobenzene
Concen: 37.666 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:146 Resp: 410133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 49.7 | 74.5 |
| 111 | 43.9 | 37.4 | 56.2 |






#15
Benzyl Alcohol
Concen: 35.484 ng
RT: 6.904 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 79 Resp: 34393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.7 | 61.2 | 91.8 |
| 77 | 62.3 | 50.5 | 75.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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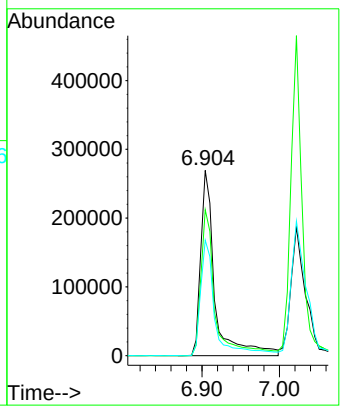
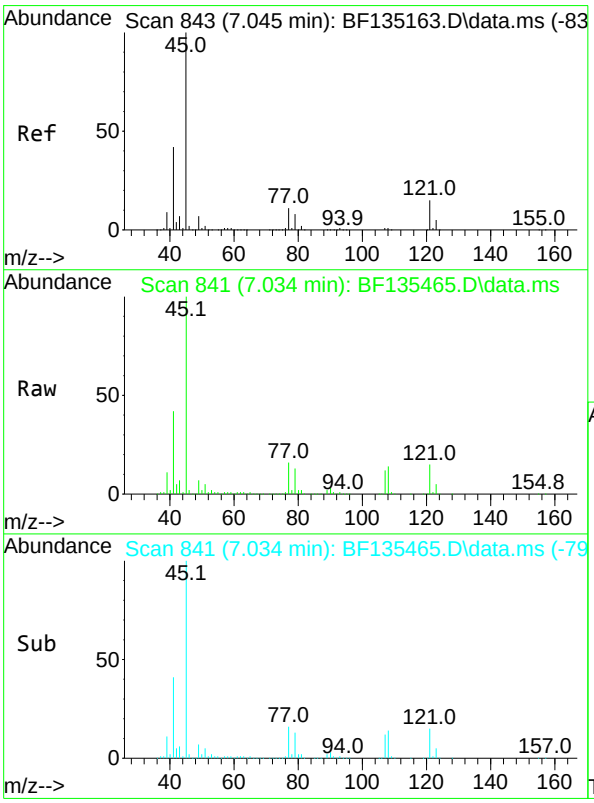
Supervised By :mohammad ahmed 09/29/2023

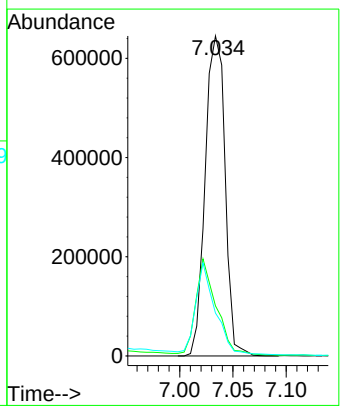


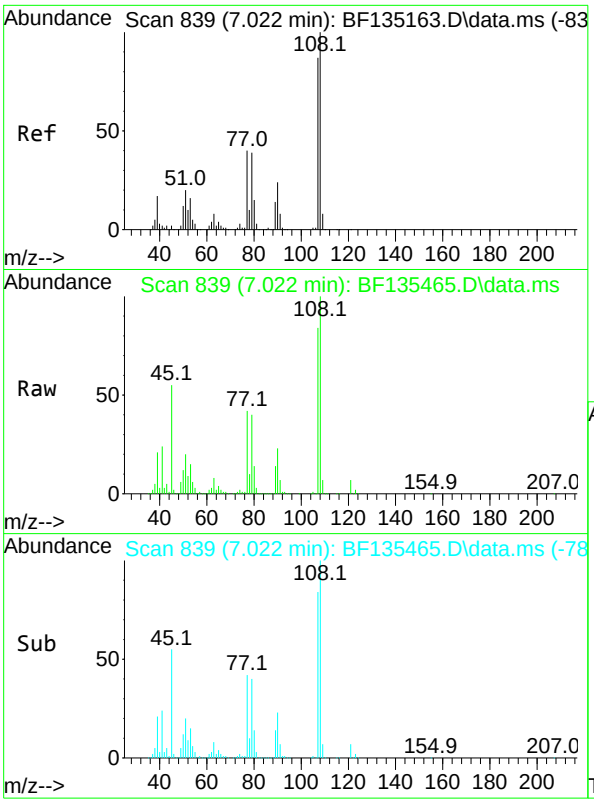




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.063 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 45 Resp: 838981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.7 | 0.0 | 30.6 |
| 79 | 13.4 | 0.0 | 28.3 |

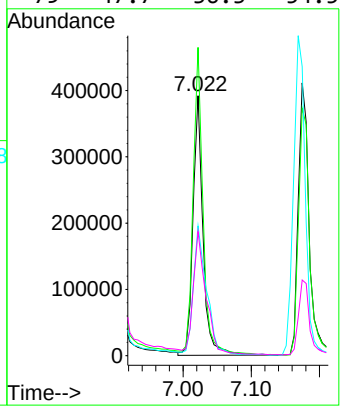





#17
2-Methylphenol
Concen: 40.048 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:107 Resp: 40075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 118.6 | 92.0 | 138.0 |
| 77 | 49.9 | 36.7 | 55.1 |
| 79 | 47.7 | 36.3 | 54.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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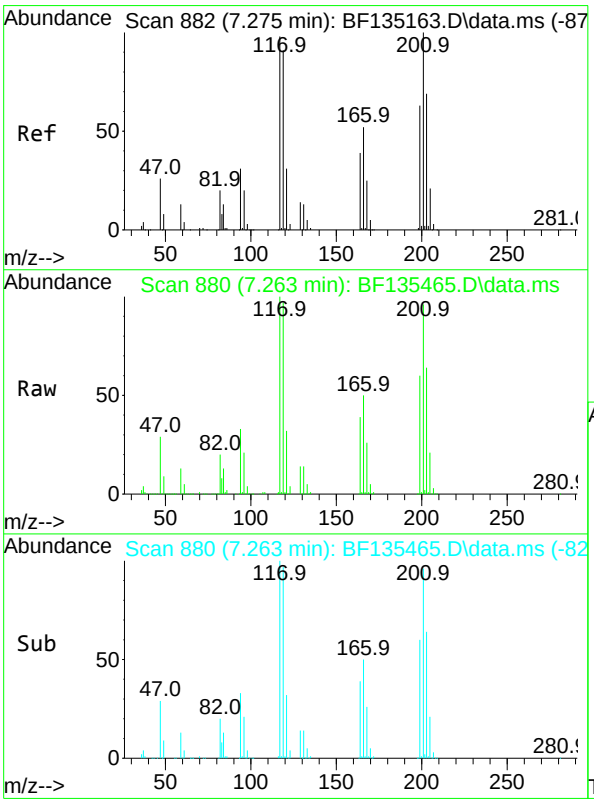
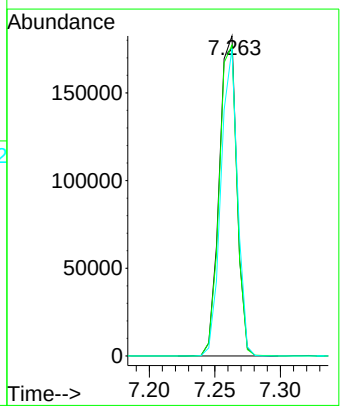
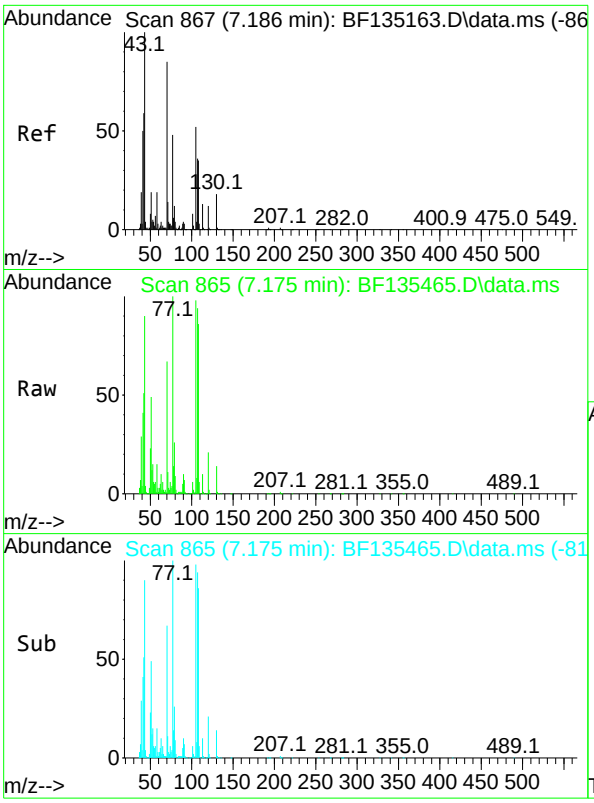



#18
Hexachloroethane
Concen: 39.281 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:117 Resp: 170177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 74.7 | 112.1 |
| 201 | 96.0 | 81.8 | 122.8 |

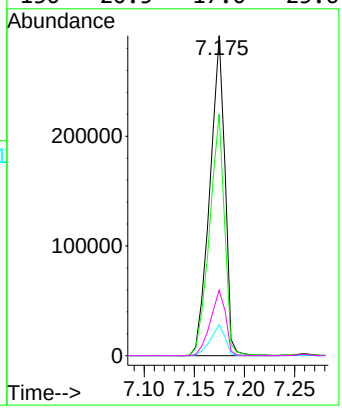





#19
n-Nitroso-di-n-propylamine
Concen: 36.544 ng
RT: 7.175 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 70 Resp: 30574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.6 | 55.4 | 83.0 |
| 101 | 9.7 | 7.7 | 11.5 |
| 130 | 20.5 | 17.0 | 25.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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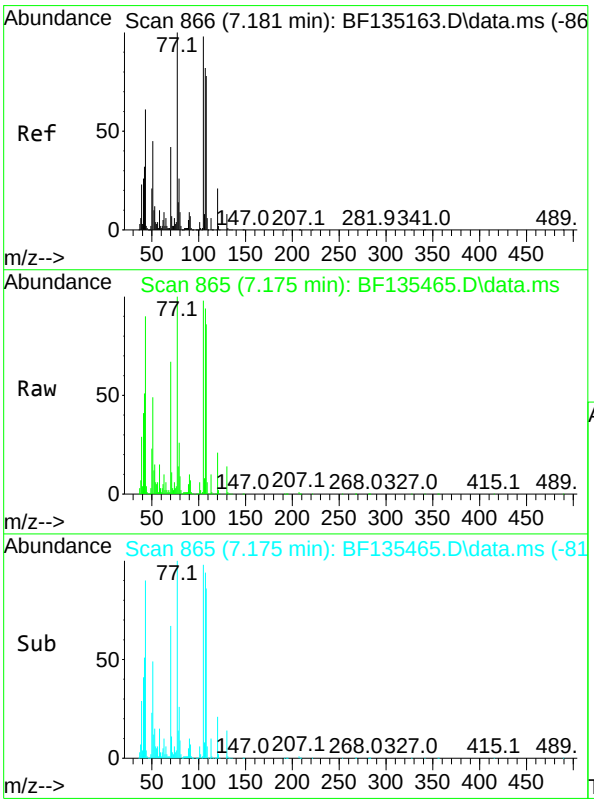
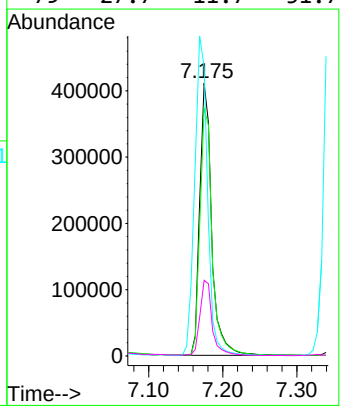
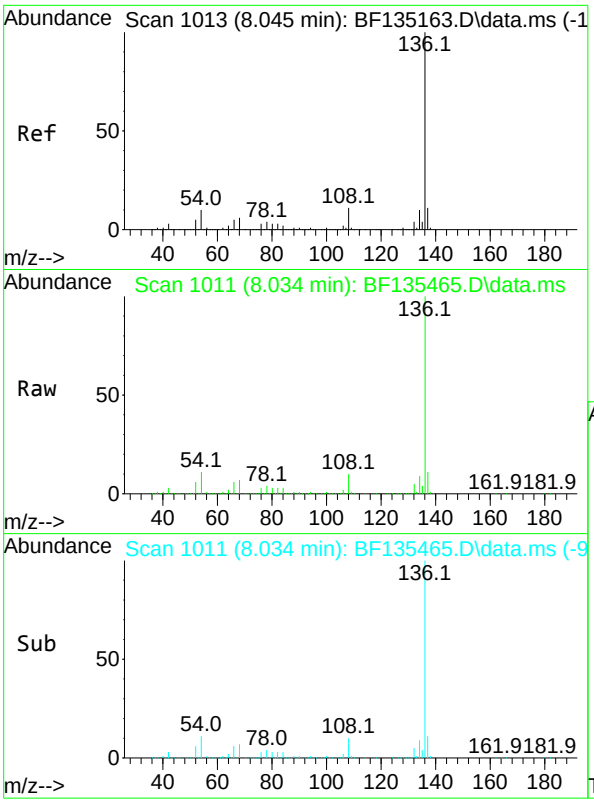



#20
3+4-Methylphenols
Concen: 38.028 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:107 Resp: 457596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 74.7 | 114.7 |
| 77 | 105.9 | 102.0 | 142.0 |
| 79 | 27.7 | 11.7 | 51.7 |

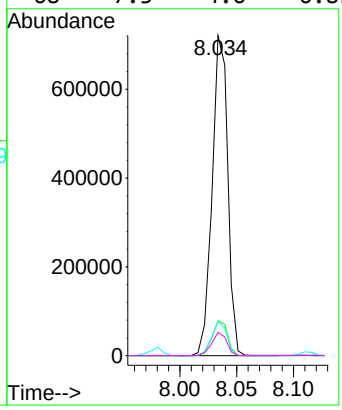





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:136 Resp: 68974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 10.7 | 7.7 | 11.5 |
| 68 | 7.3 | 4.6 | 6.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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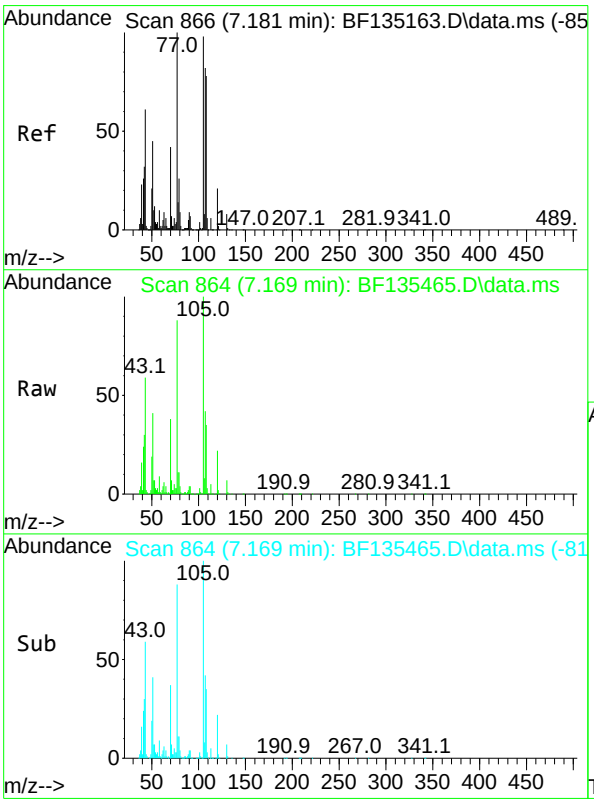
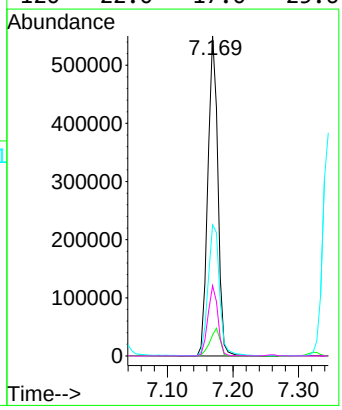
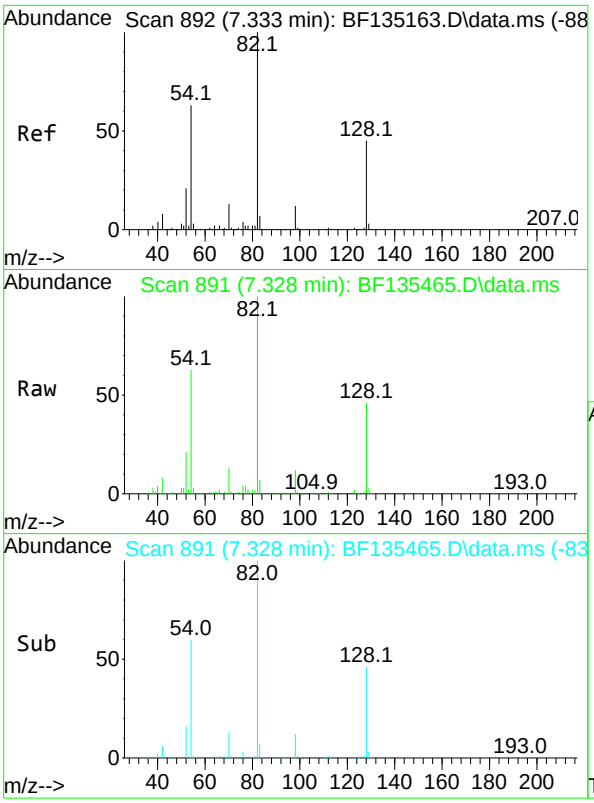



#22
Acetophenone
Concen: 37.103 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:105 Resp: 585088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.5 | 5.8 | 8.6 |
| 51 | 41.0 | 37.0 | 55.4 |
| 120 | 22.0 | 17.0 | 25.6 |






#23
Nitrobenzene-d5
Concen: 77.274 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 82 Resp: 98105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 35.8 | 53.6 |
| 54 | 62.9 | 50.6 | 76.0 |

**Instrument :**
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SSTDCCC040

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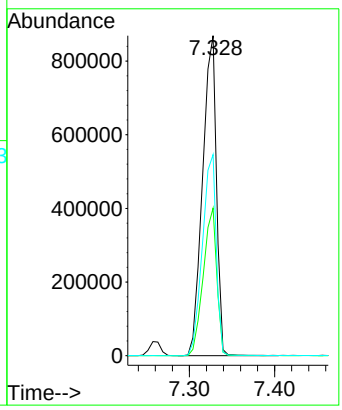
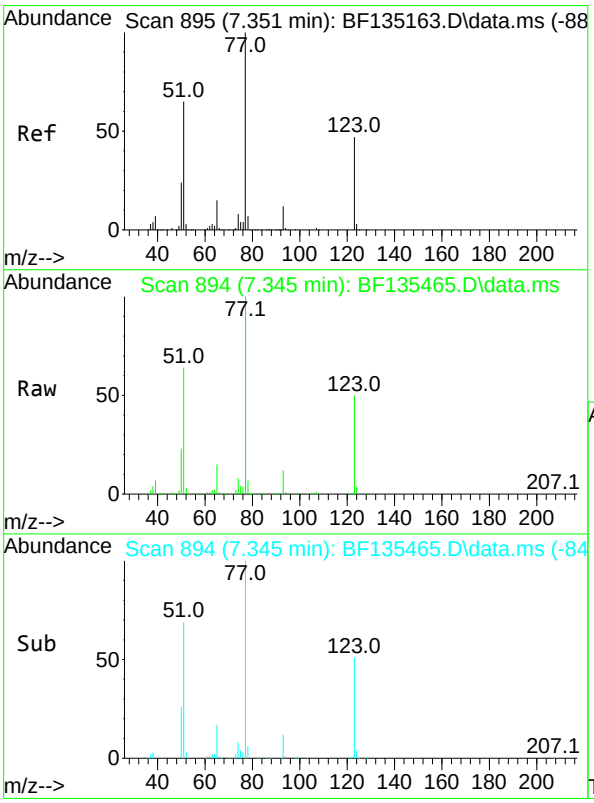
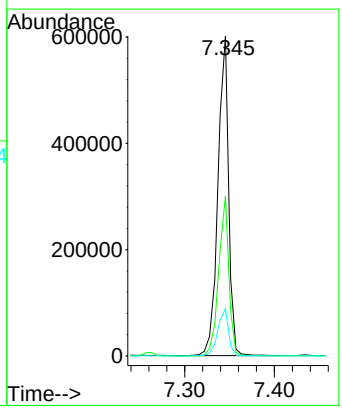


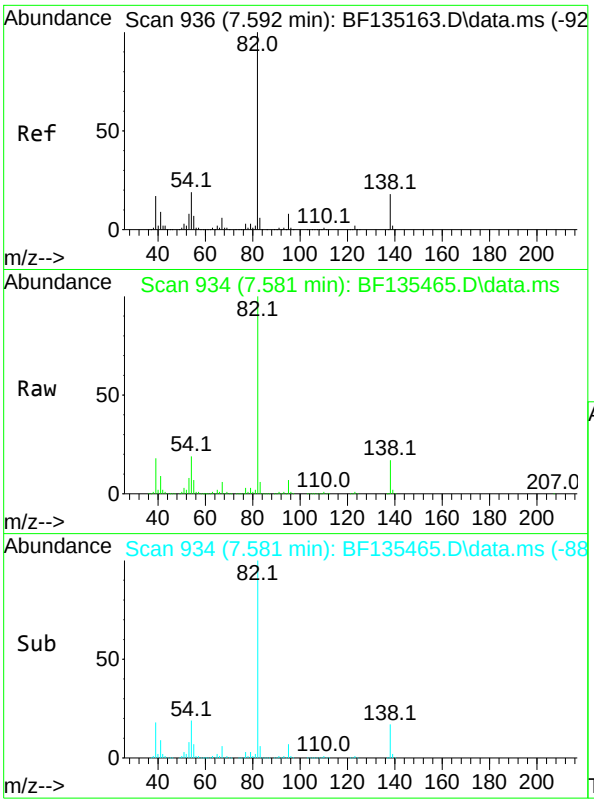




#24
Nitrobenzene
Concen: 39.679 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 77 Resp: 497903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.9 | 37.6 | 56.4 |
| 65 | 14.8 | 12.2 | 18.4 |

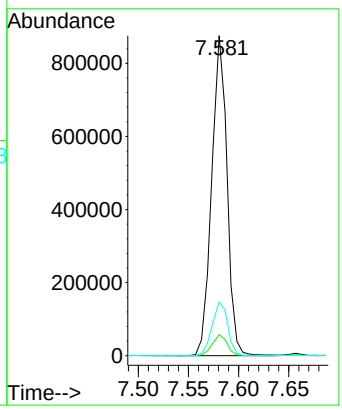





#25
Isophorone
Concen: 40.039 ng
RT: 7.581 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 82 Resp: 93341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 6.0 | 9.0 |
| 138 | 16.8 | 14.5 | 21.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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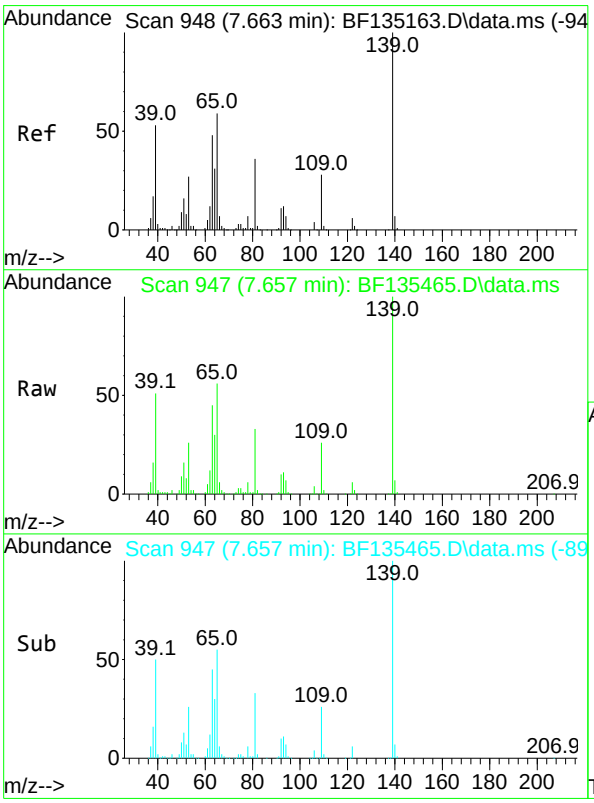
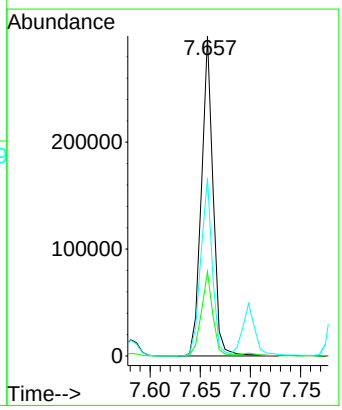
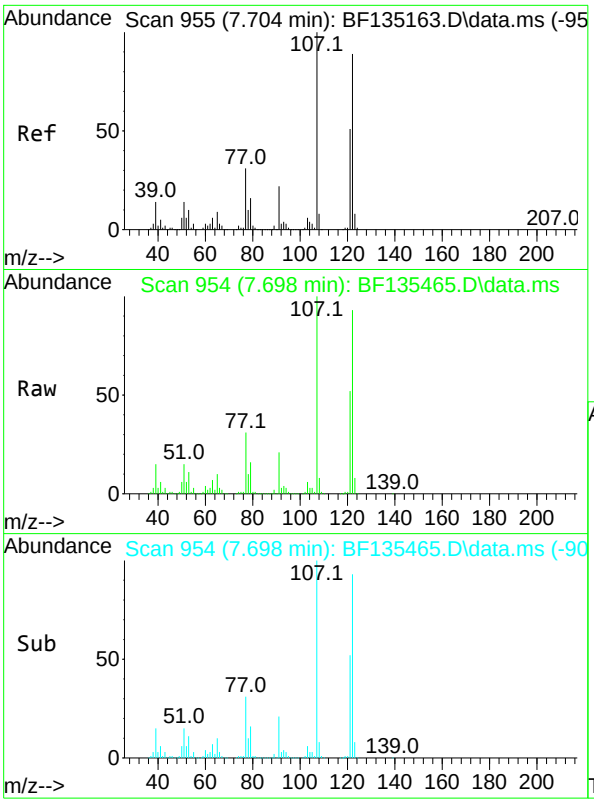



#26
2-Nitrophenol
Concen: 40.459 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:139 Resp: 243665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.3 | 22.6 | 33.8 |
| 65 | 55.5 | 47.0 | 70.4 |

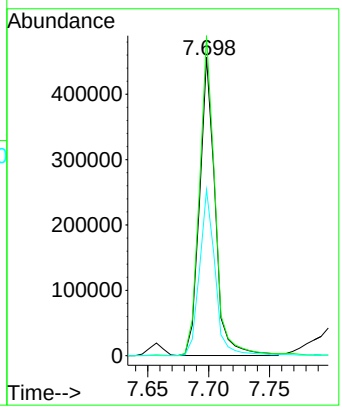





#27
2,4-Dimethylphenol
Concen: 39.995 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:122 Resp: 40487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.2 | 90.2 | 135.4 |
| 121 | 55.7 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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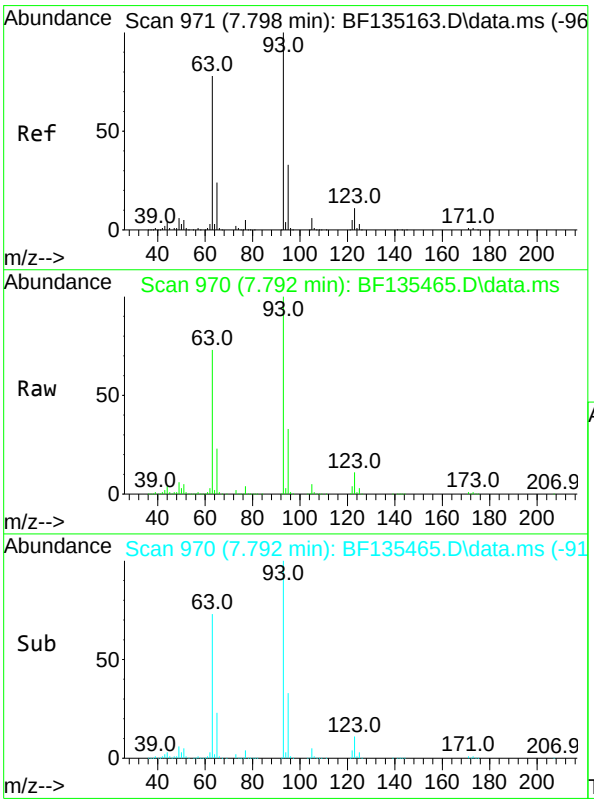
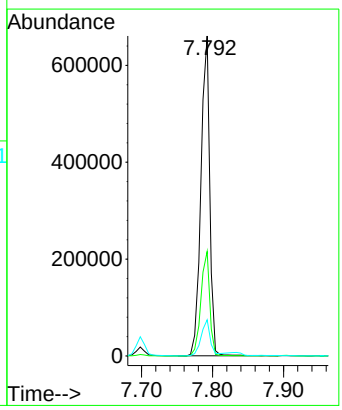
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

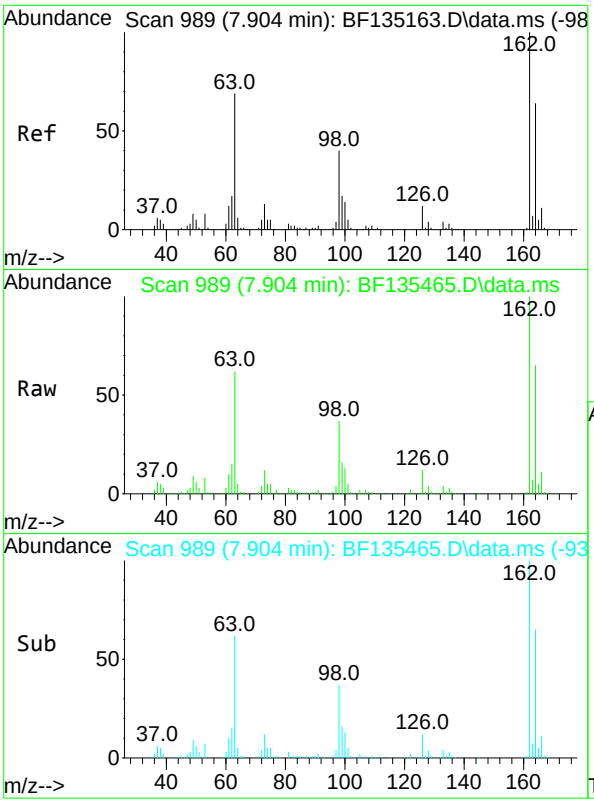



#28
bis(2-Chloroethoxy)methane
Concen: 41.133 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 93 Resp: 573948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.2 | 39.2 |
| 123 | 11.3 | 8.8 | 13.2 |






#29
2,4-Dichlorophenol
Concen: 38.765 ng
RT: 7.904 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:162 Resp: 36362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 44.1 | 84.1 |
| 98 | 37.3 | 20.3 | 60.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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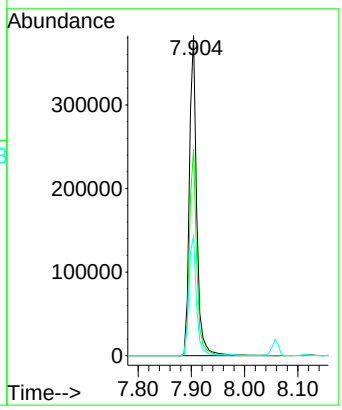
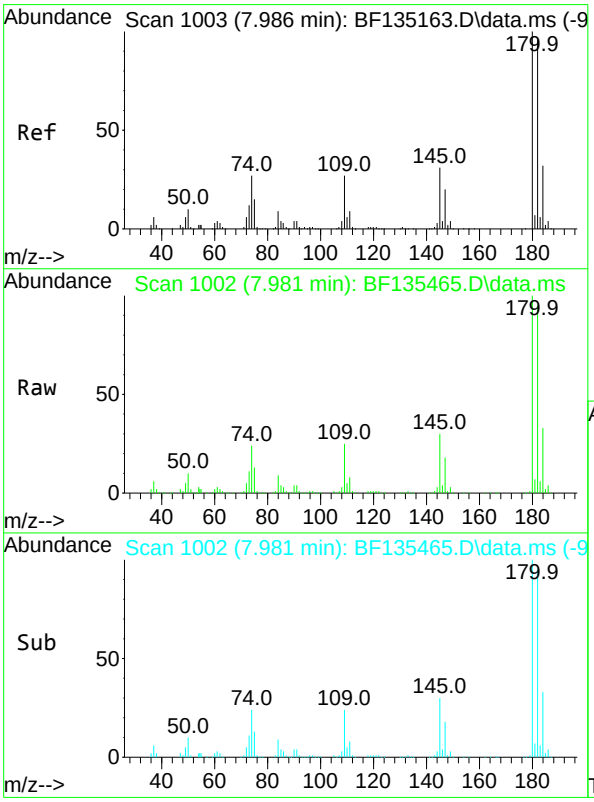
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

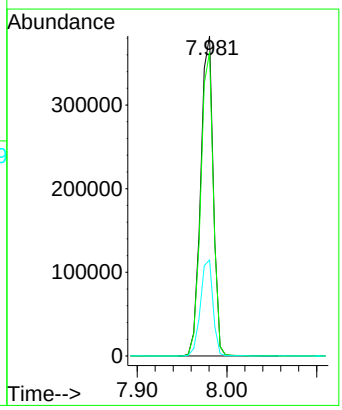


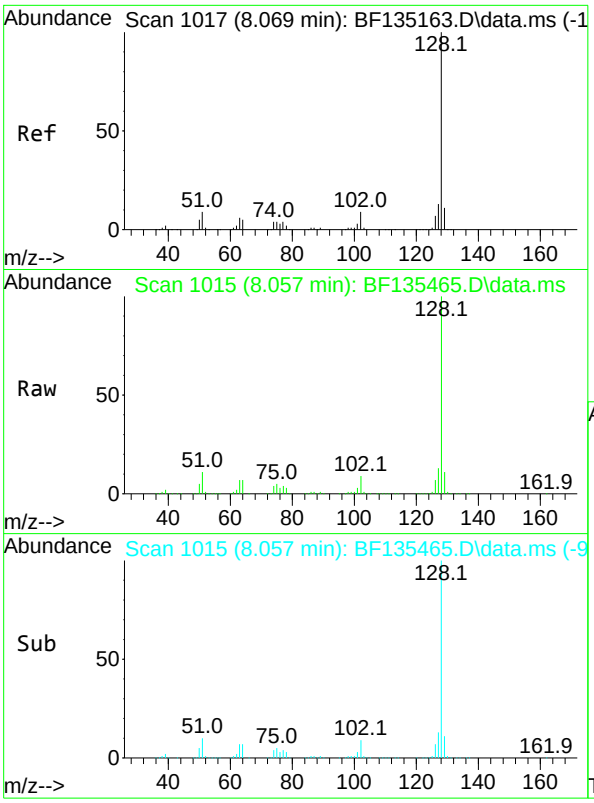




#30
1,2,4-Trichlorobenzene
Concen: 37.888 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:180 Resp: 371475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 76.9 | 115.3 |
| 145 | 30.0 | 24.5 | 36.7 |






#31
Naphthalene
Concen: 38.242 ng
RT: 8.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:128 Resp: 128161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.7 | 13.1 |
| 127 | 13.3 | 10.7 | 16.1 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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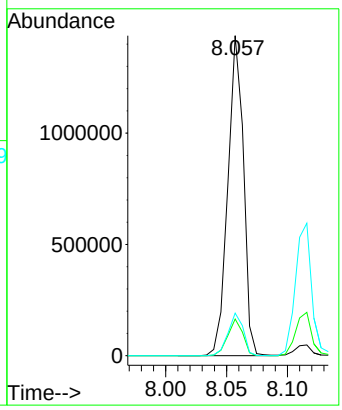
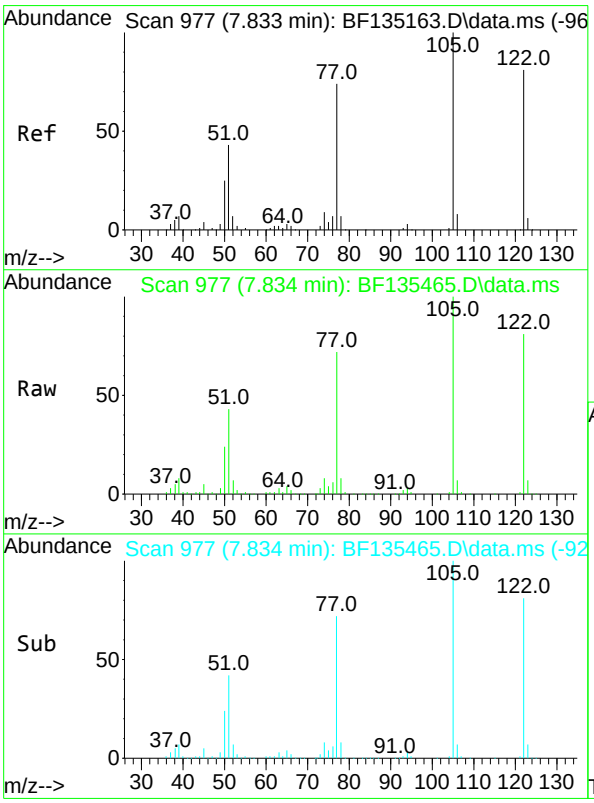
Supervised By :mohammad ahmed 09/29/2023

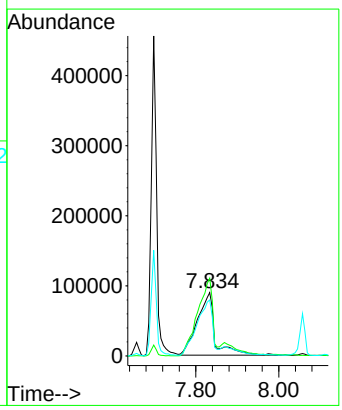


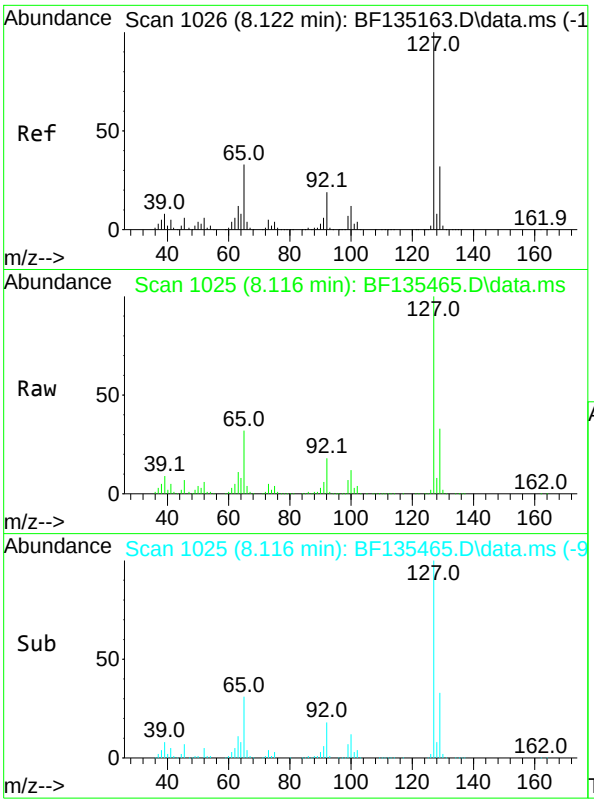




#32
Benzoic acid
Concen: 34.996 ng m
RT: 7.834 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:122 Resp: 266771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.8 | 99.9 | 139.9 |
| 77 | 88.5 | 70.0 | 110.0 |

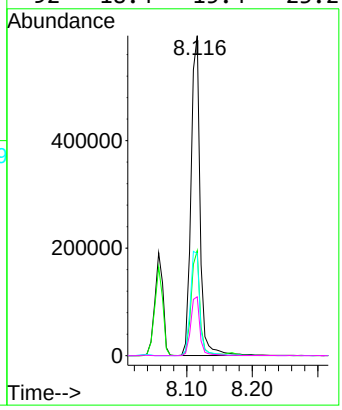





#33
4-Chloroaniline
Concen: 38.969 ng
RT: 8.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:127 Resp: 57298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 25.8 | 38.8 |
| 65 | 31.9 | 26.6 | 39.8 |
| 92 | 18.4 | 15.4 | 23.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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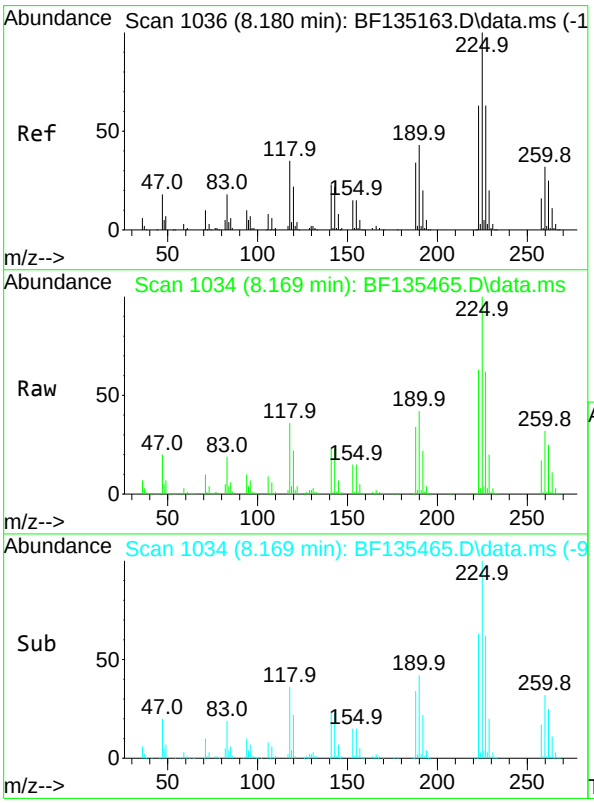
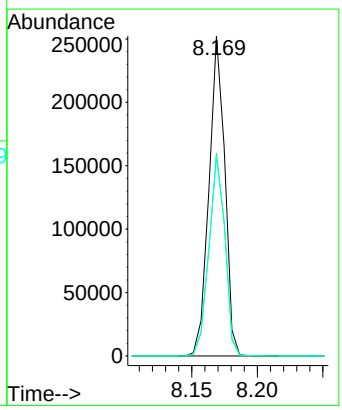
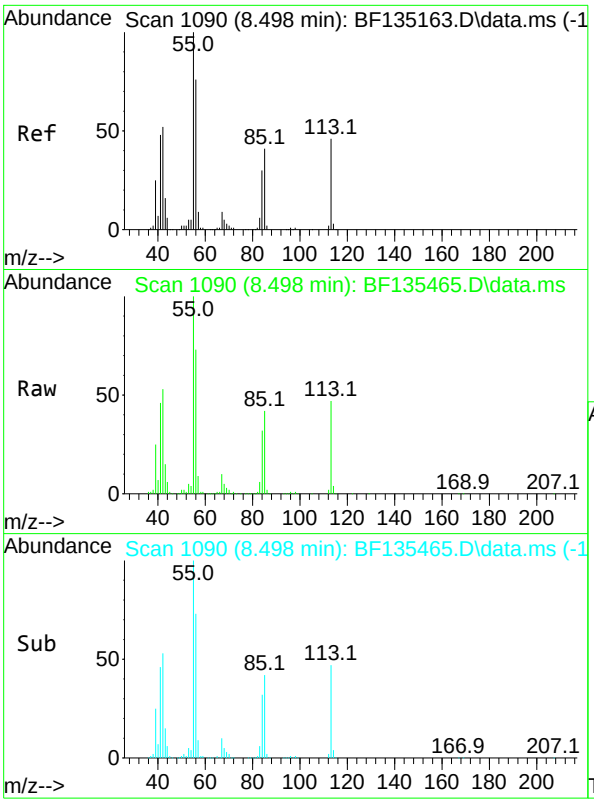



#34
Hexachlorobutadiene
Concen: 35.759 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:225 Resp: 211403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 50.6 | 75.8 |
| 227 | 62.2 | 50.8 | 76.2 |






#35
Caprolactam
Concen: 41.996 ng
RT: 8.498 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:113 Resp: 13221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 211.9 | 199.3 | 239.3 |
| 56 | 154.7 | 146.3 | 186.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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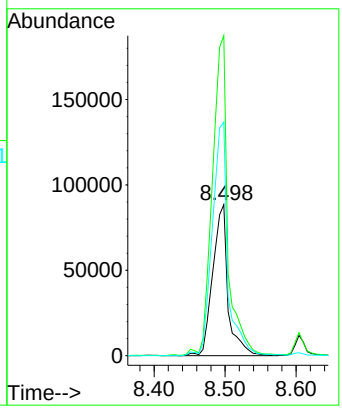
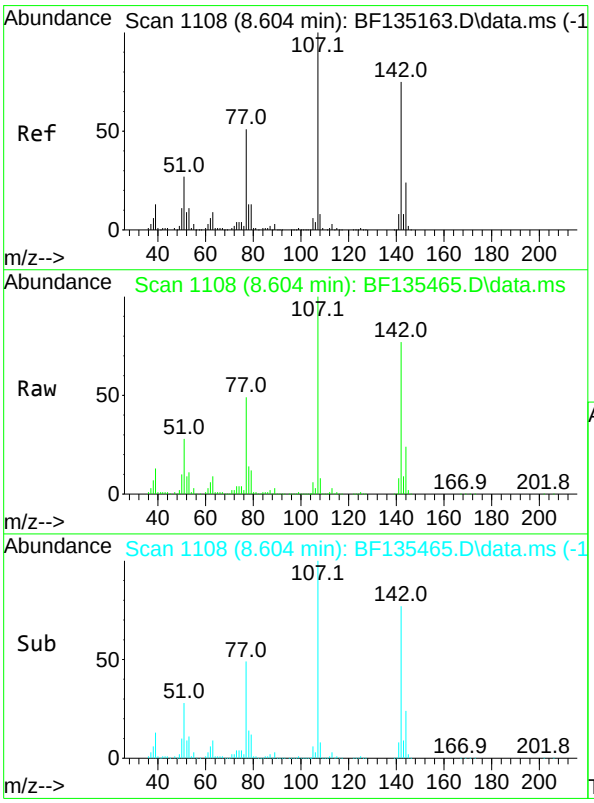
Supervised By :mohammad ahmed 09/29/2023

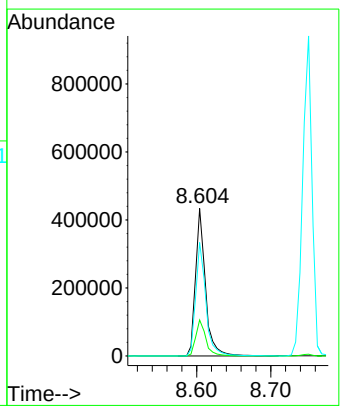


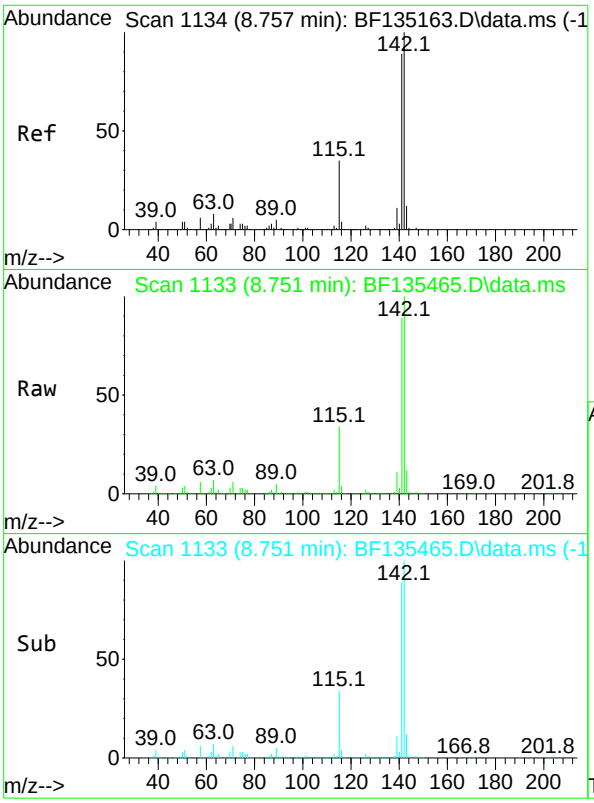




#36
4-Chloro-3-methylphenol
Concen: 38.849 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:107 Resp: 405015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.4 | 19.0 | 28.4 |
| 142 | 76.9 | 60.2 | 90.2 |

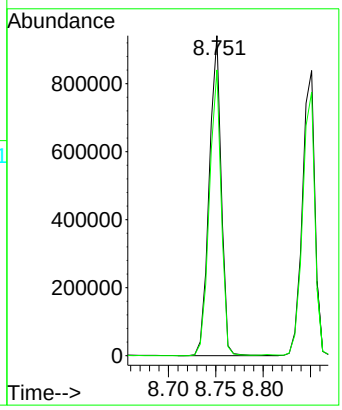





#37
2-Methylnaphthalene
Concen: 36.729 ng
RT: 8.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:142 Resp: 82740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 71.0 | 106.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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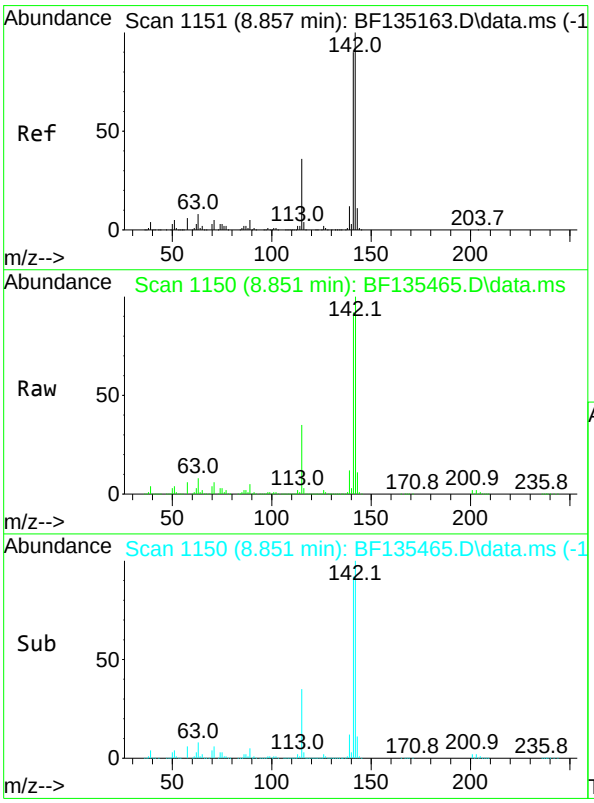
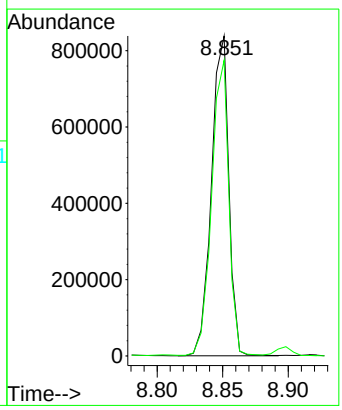
Supervised By :mohammad ahmed 09/29/2023

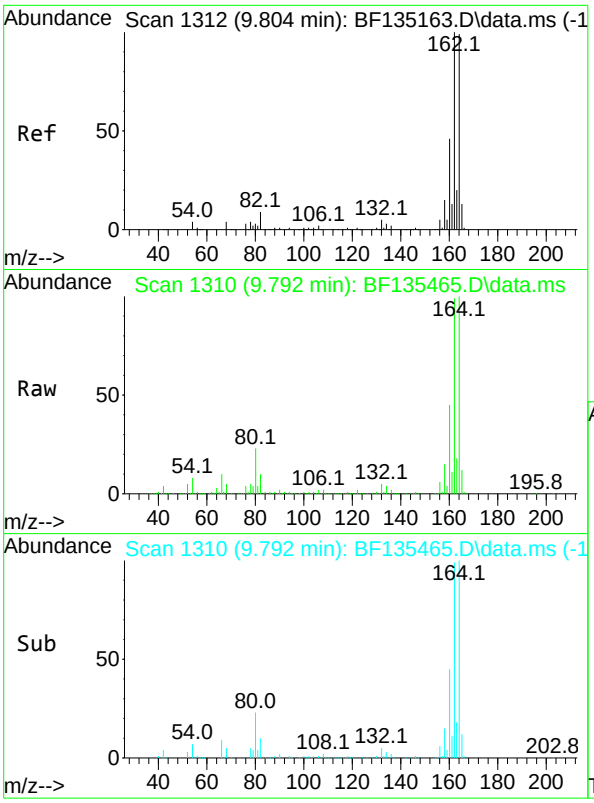



#38
1-Methylnaphthalene
Concen: 36.601 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:142 Resp: 771942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 72.4 | 108.6 |

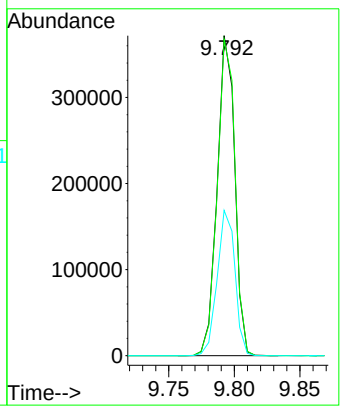





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:164 Resp: 34553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 81.0 | 121.4 |
| 160 | 45.4 | 37.0 | 55.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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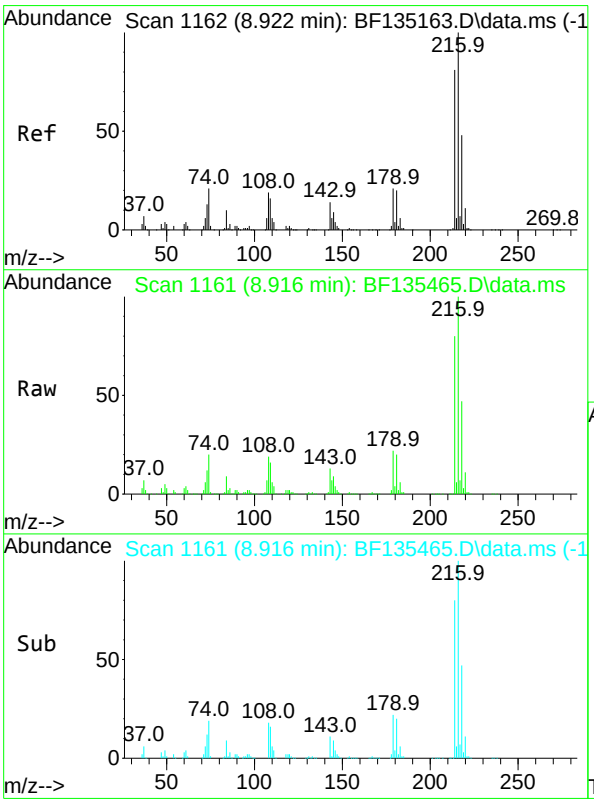
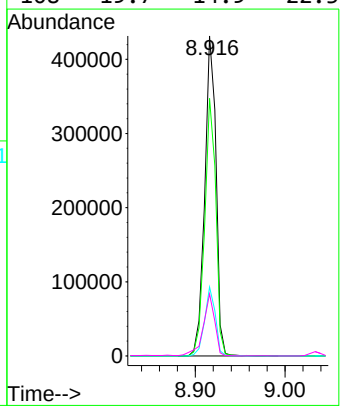
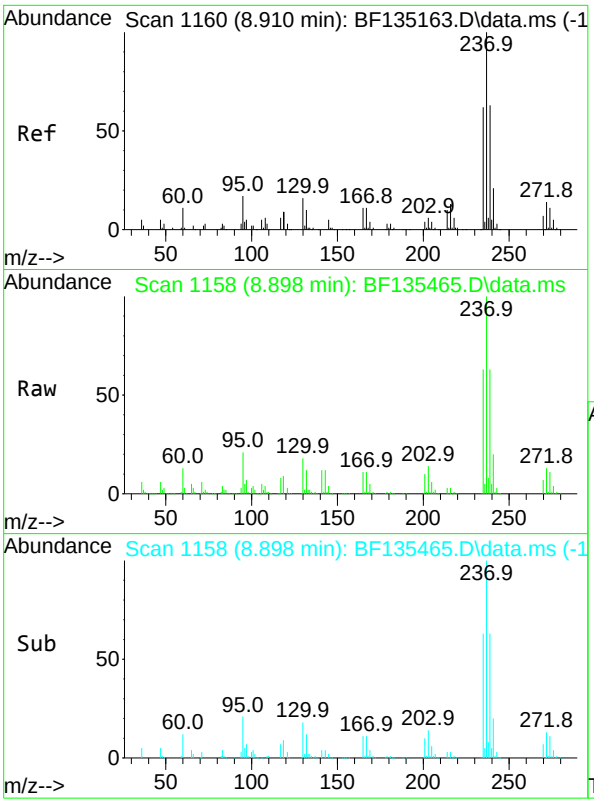



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.579 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:216 Resp: 376185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.7 | 95.5 |
| 179 | 20.6 | 16.7 | 25.1 |
| 108 | 19.7 | 14.9 | 22.3 |






#41
Hexachlorocyclopentadiene
Concen: 38.730 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:237 Resp: 15232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 41.8 | 81.8 |
| 272 | 12.8 | 0.0 | 33.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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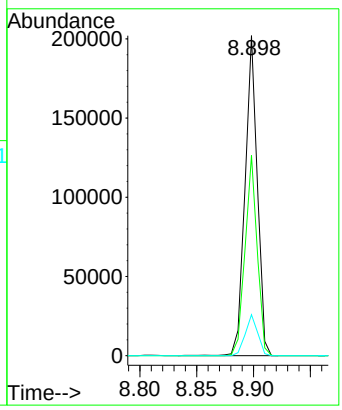
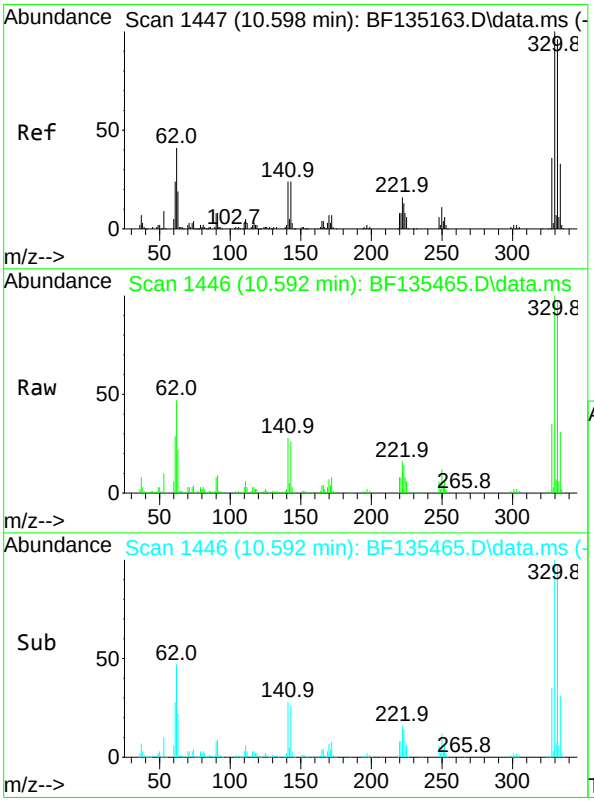
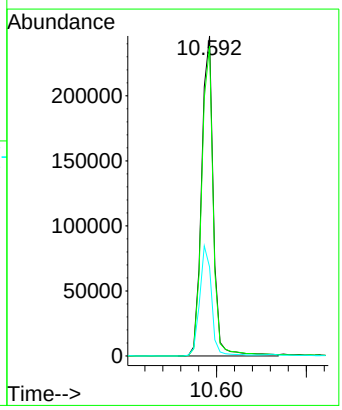


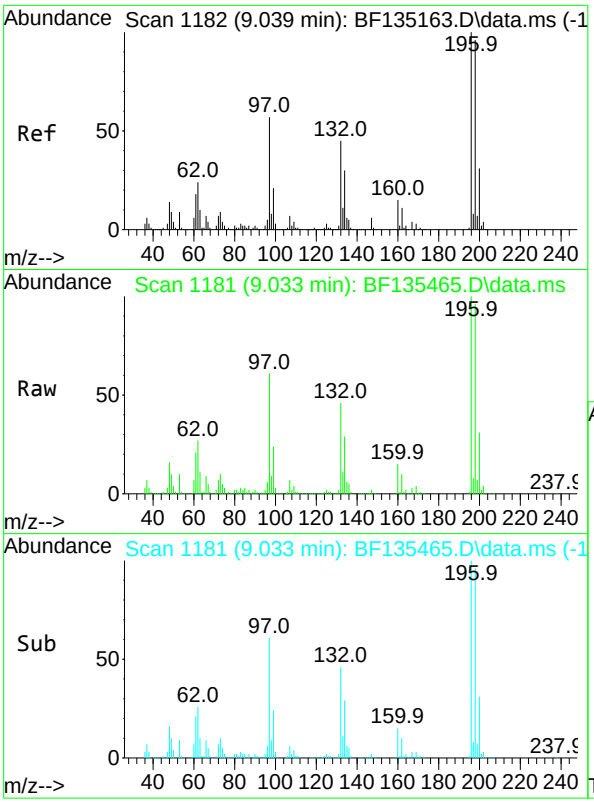




#42
2,4,6-Tribromophenol
Concen: 64.901 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:330 Resp: 222856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.3 | 115.9 |
| 141 | 35.0 | 25.8 | 38.8 |

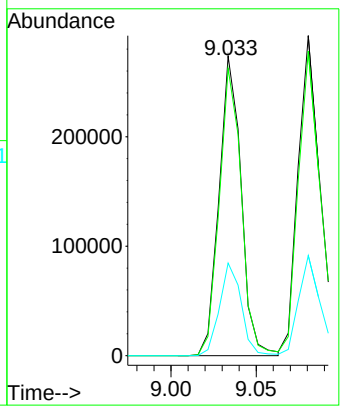





#43
2,4,6-Trichlorophenol
Concen: 37.652 ng
RT: 9.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:196 Resp: 24678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 77.0 | 115.6 |
| 200 | 30.9 | 24.5 | 36.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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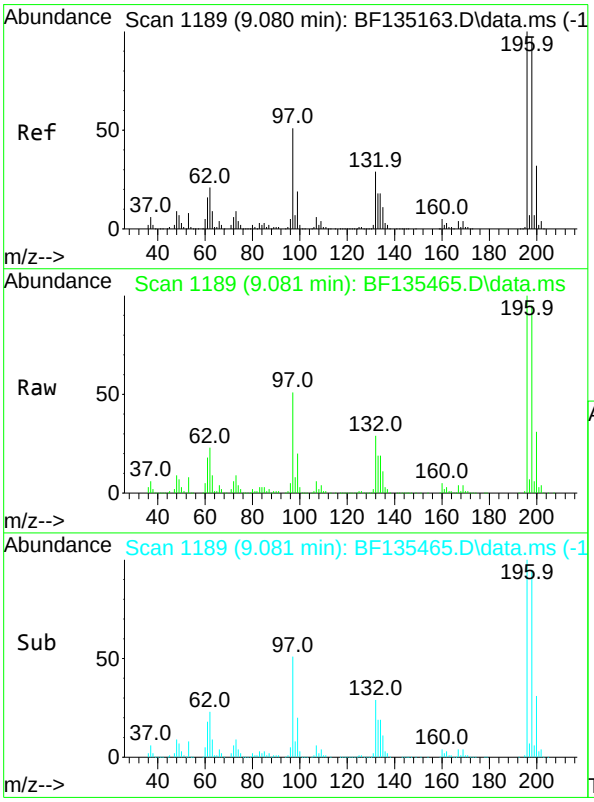
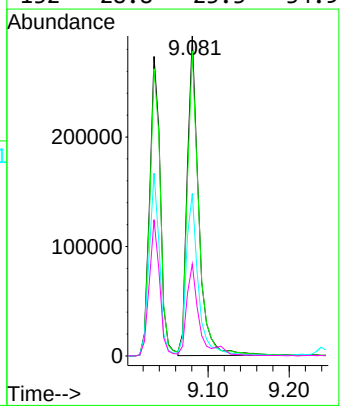
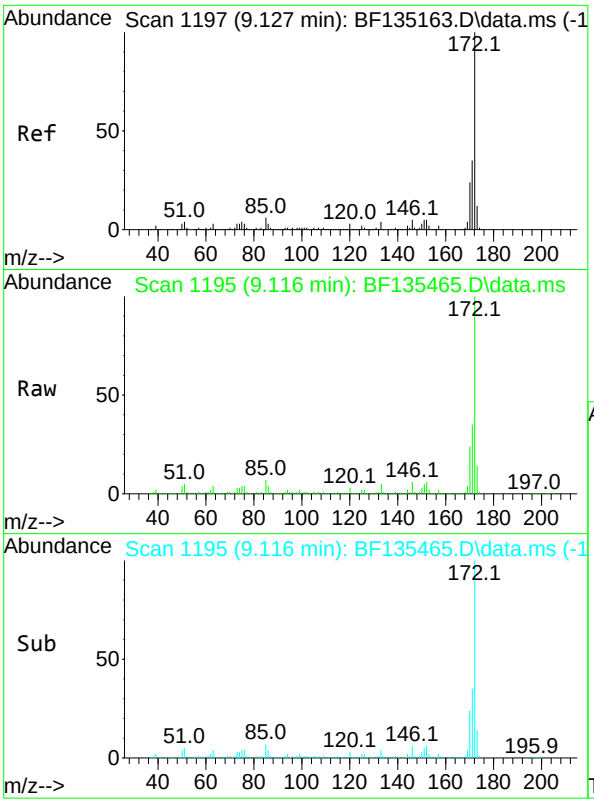



#44
2,4,5-Trichlorophenol
Concen: 37.709 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:196 Resp: 284624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 77.5 | 116.3 |
| 97 | 50.8 | 40.5 | 60.7 |
| 132 | 28.8 | 23.3 | 34.9 |

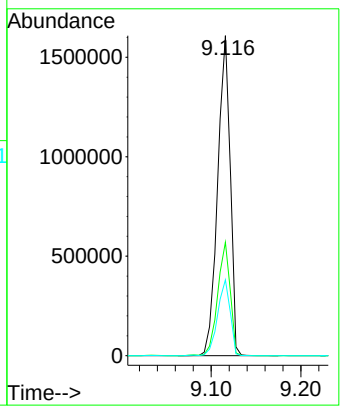





#45
2-Fluorobiphenyl
Concen: 68.178 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:172 Resp: 156146

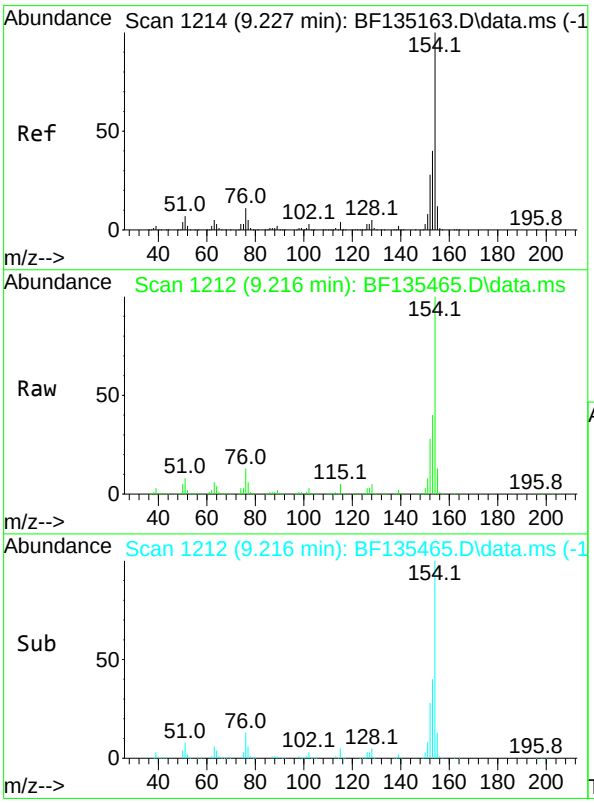
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.4 | 42.6 |
| 170 | 23.7 | 19.0 | 28.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

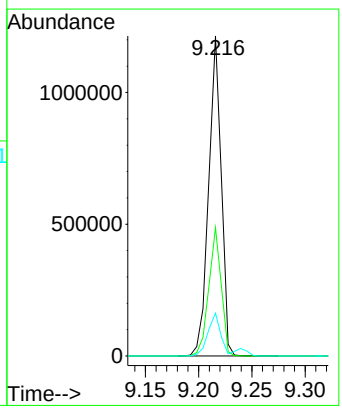
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

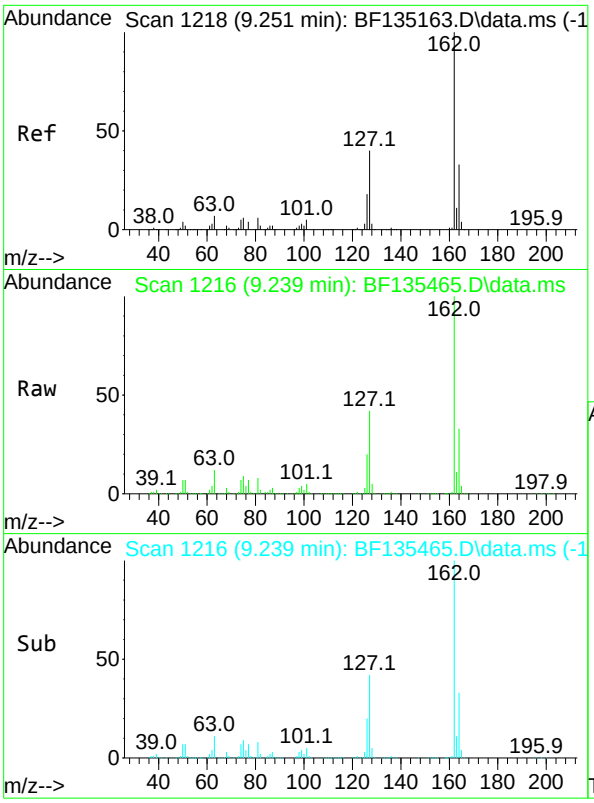



#46
1,1'-Biphenyl
Concen: 37.621 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:154 Resp: 999001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 19.6 | 59.6 |
| 76 | 13.4 | 0.0 | 31.0 |

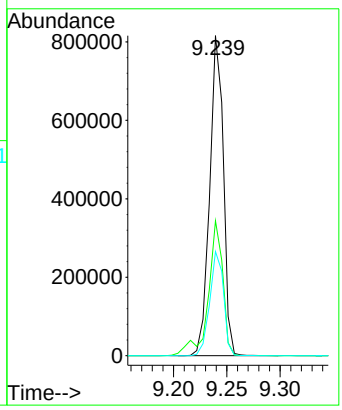





#47
2-Chloronaphthalene
Concen: 37.875 ng
RT: 9.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:162 Resp: 72971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.2 | 32.6 | 48.8 |
| 164 | 32.6 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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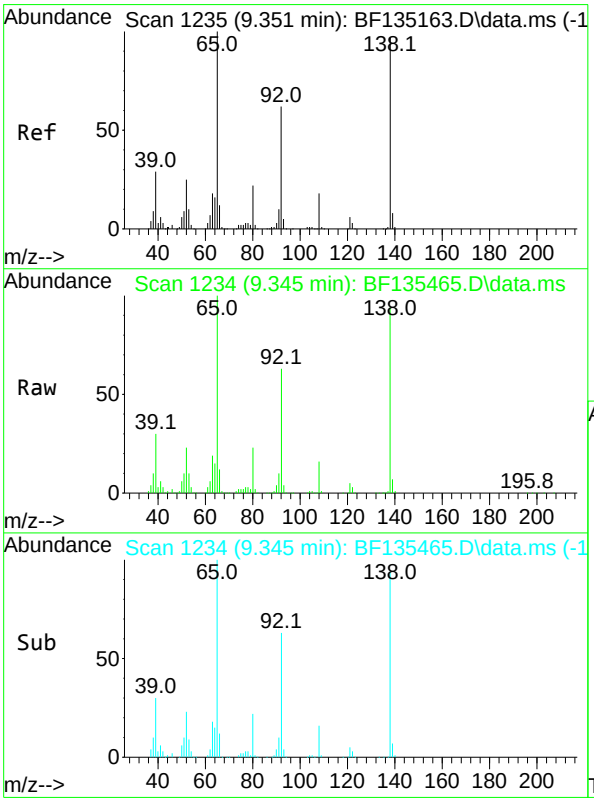
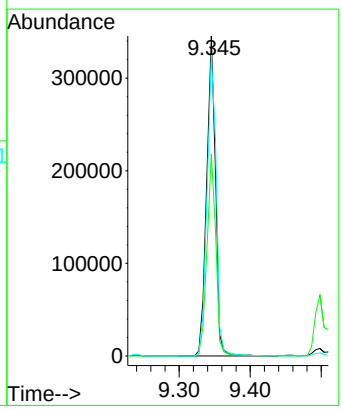
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

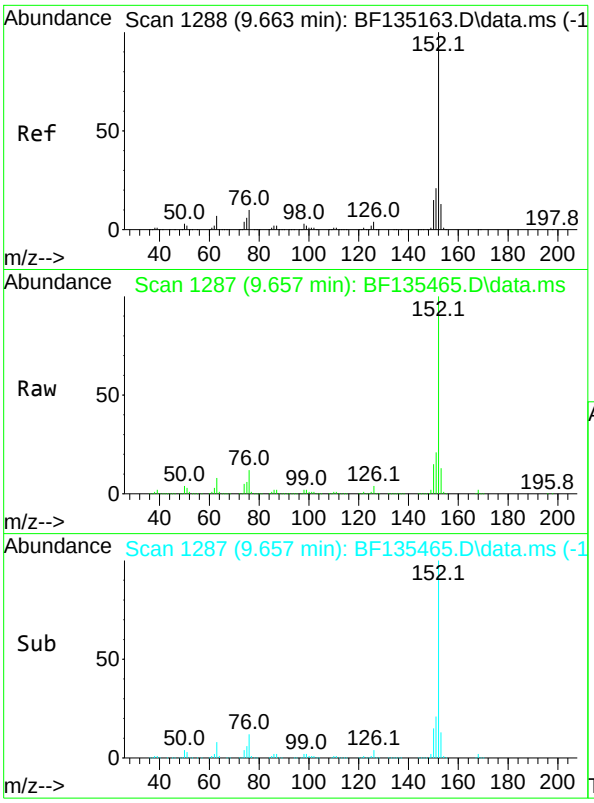



#48
2-Nitroaniline
Concen: 40.434 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 65 Resp: 302643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.1 | 49.4 | 74.0 |
| 138 | 93.9 | 77.4 | 116.0 |

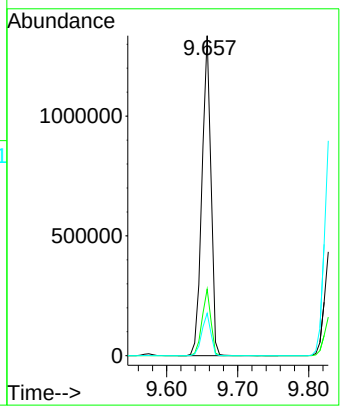





#49
Acenaphthylene
Concen: 36.826 ng
RT: 9.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:152 Resp: 117915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.4 | 24.6 |
| 153 | 13.2 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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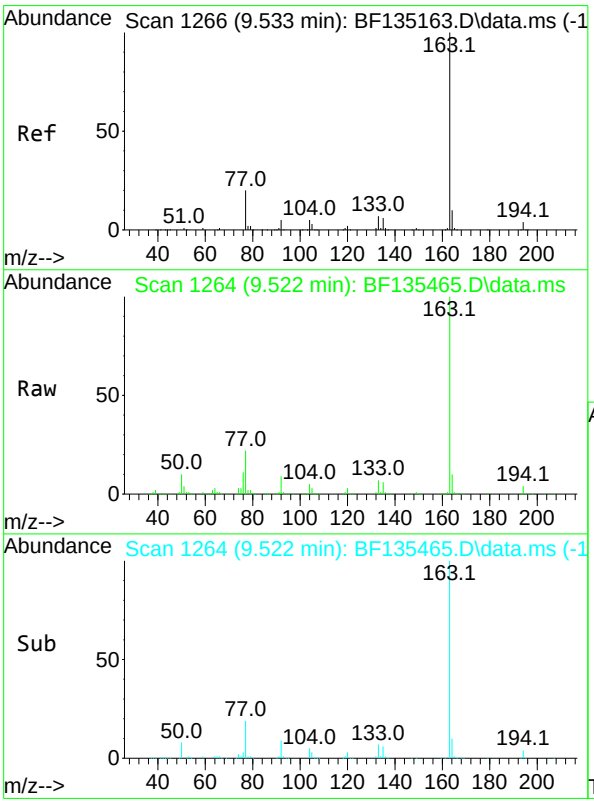
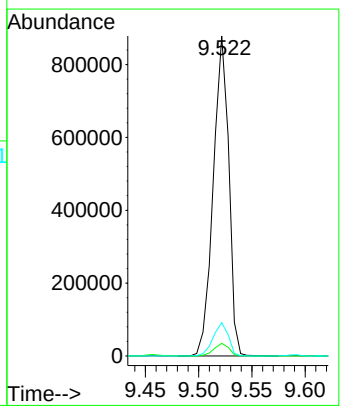
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

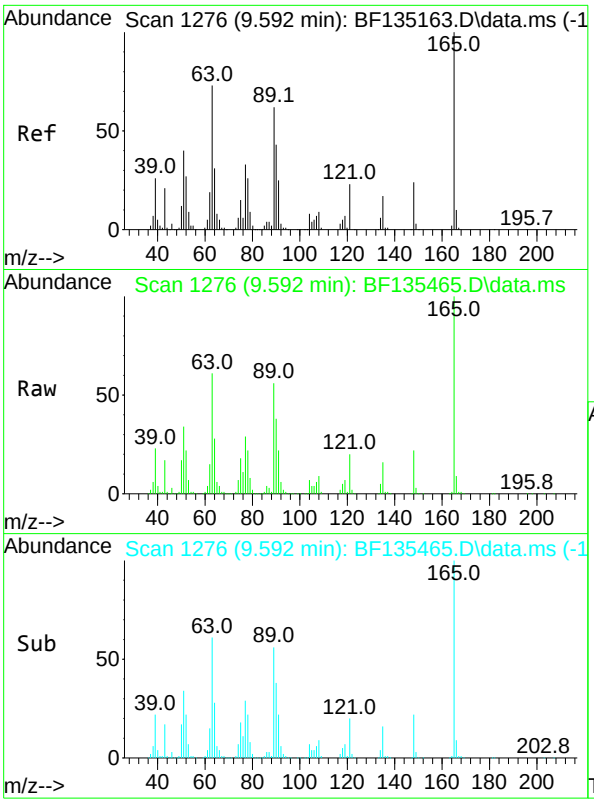



#50
Dimethylphthalate
Concen: 38.045 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:163 Resp: 888798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.1 | 4.7 |
| 164 | 10.4 | 8.1 | 12.1 |






#51
2,6-Dinitrotoluene
Concen: 38.334 ng
RT: 9.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:165 Resp: 19618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.0 | 59.4 | 89.2 |
| 89 | 56.2 | 49.8 | 74.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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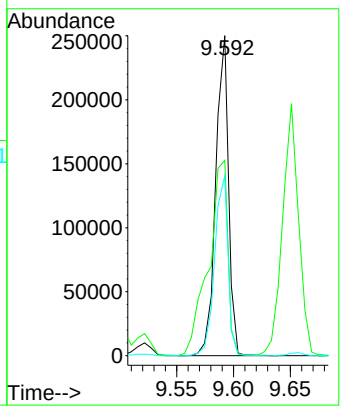
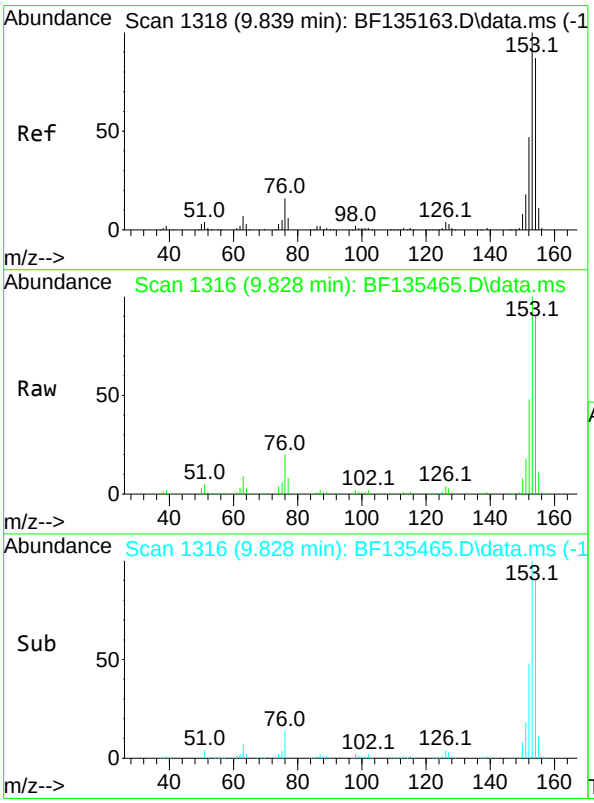
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

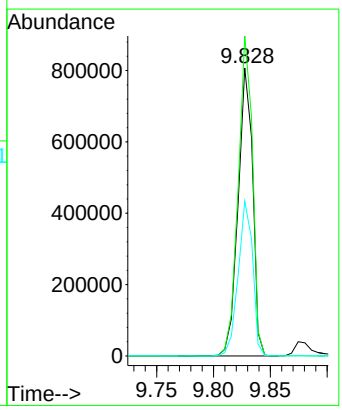


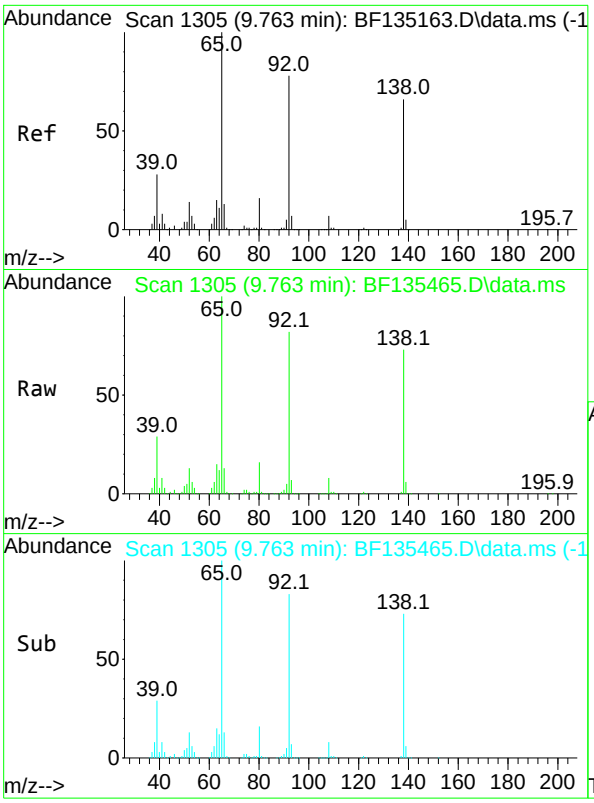




#52
Acenaphthene
Concen: 38.084 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:154 Resp: 720369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.1 | 92.1 | 138.1 |
| 152 | 53.7 | 43.1 | 64.7 |






#53
3-Nitroaniline
Concen: 40.287 ng
RT: 9.763 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:138 Resp: 24202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.3 | 8.5 | 12.7 |
| 92 | 112.5 | 95.4 | 143.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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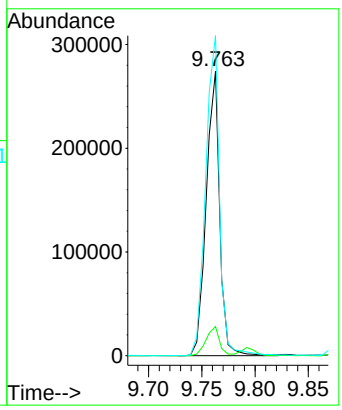
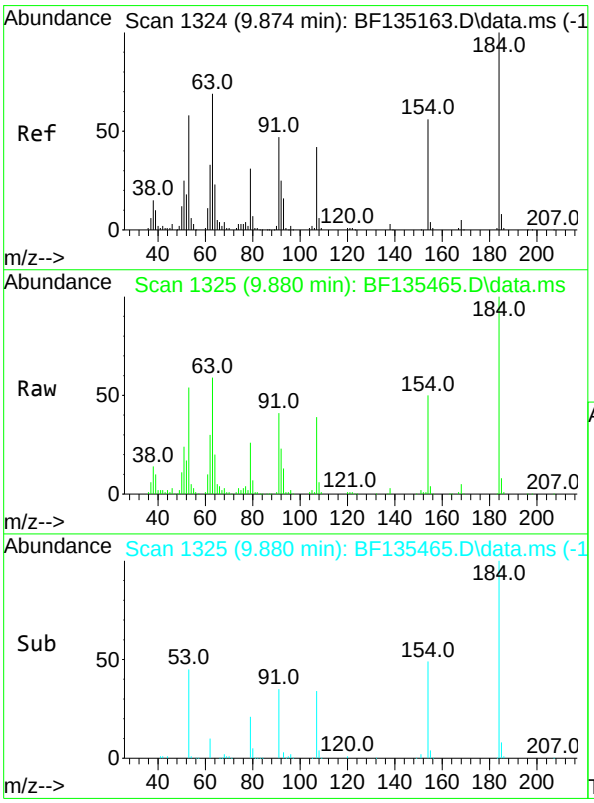
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

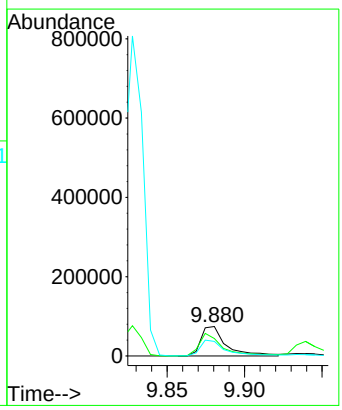


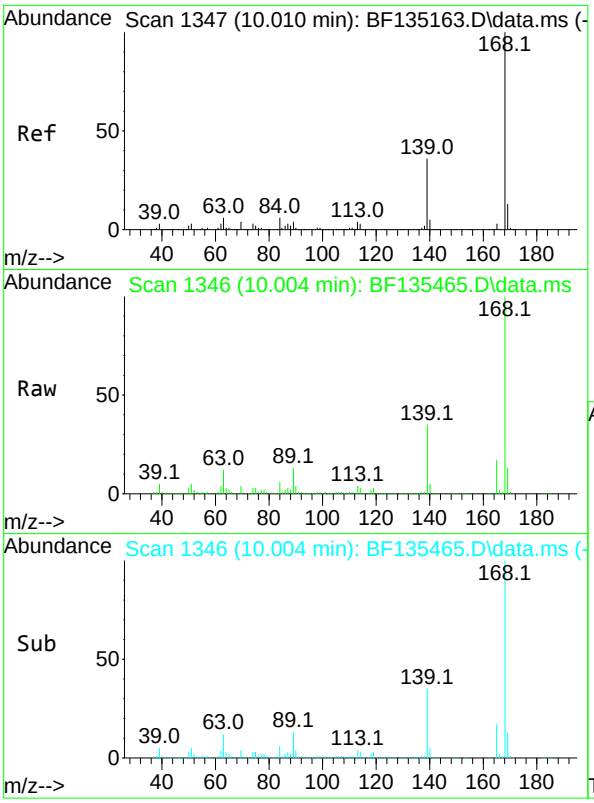




#54
2,4-Dinitrophenol
Concen: 32.861 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:184 Resp: 83871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.3 | 55.1 | 82.7 |
| 154 | 49.5 | 48.4 | 72.6 |

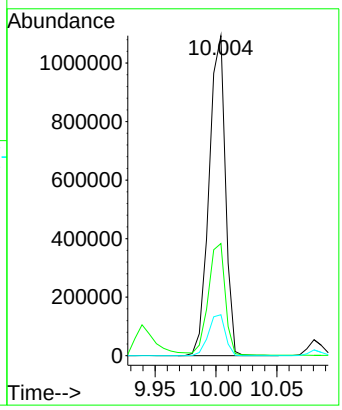





#55
Dibenzofuran
Concen: 35.194 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:168 Resp: 101586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.1 | 29.0 | 43.6 |
| 169 | 12.8 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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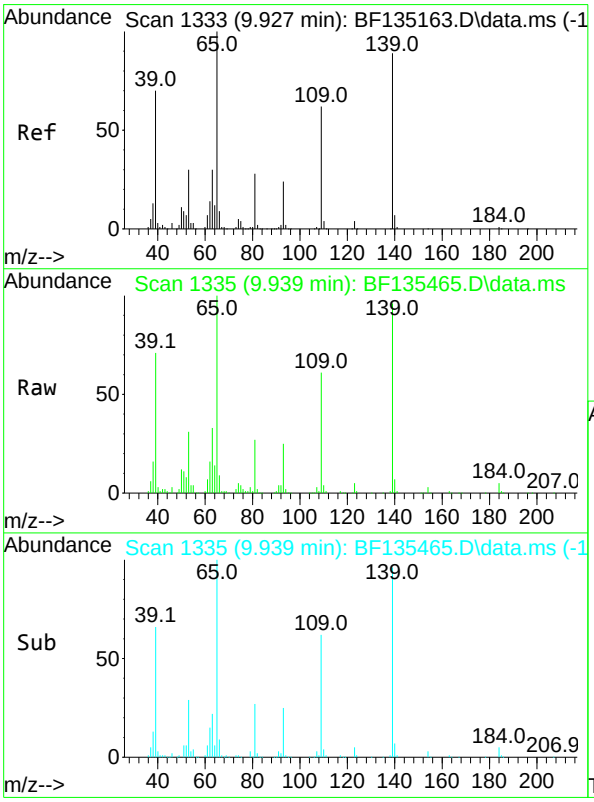
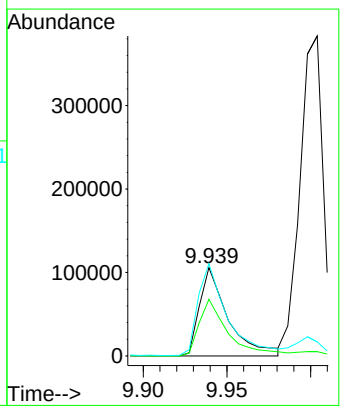
Supervised By :mohammad ahmed 09/29/2023

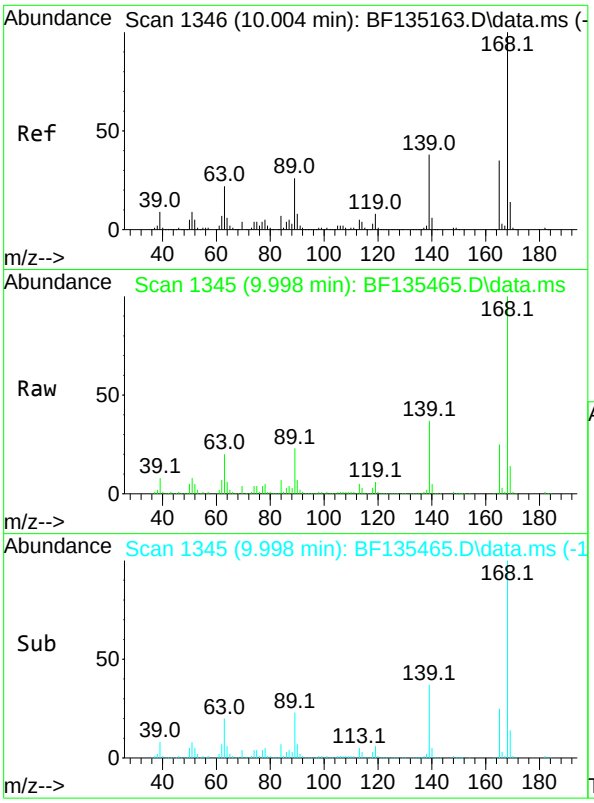



#56
4-Nitrophenol
Concen: 32.798 ng m
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:139 Resp: 125224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.2 | 49.8 | 89.8 |
| 65 | 104.6 | 92.7 | 132.7 |

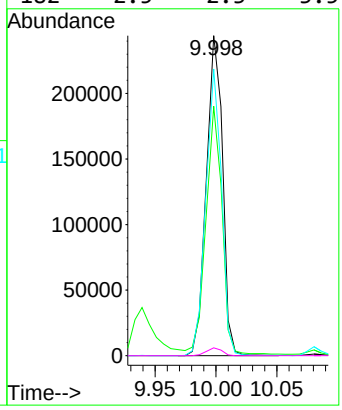





#57
2,4-Dinitrotoluene
Concen: 35.229 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:165 Resp: 22571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 78.0 | 50.1 | 75.1# |
| 89 | 89.6 | 59.3 | 88.9# |
| 182 | 2.5 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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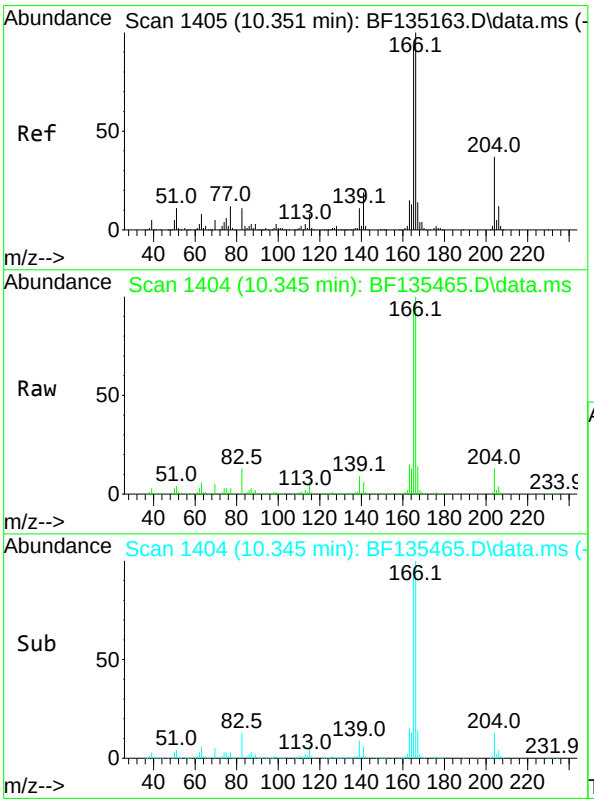
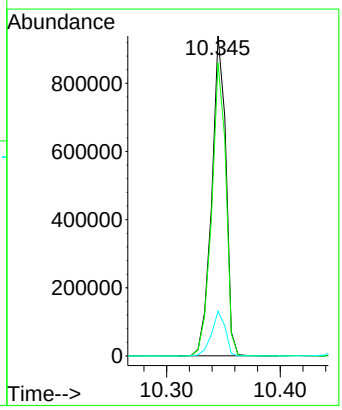
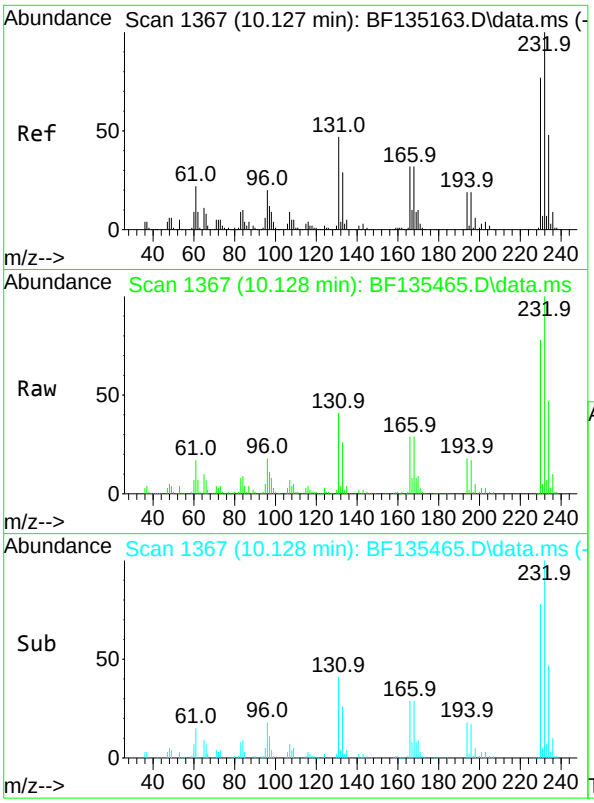



#58
Fluorene
Concen: 36.521 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:166 Resp: 810411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.6 | 74.3 | 111.5 |
| 167 | 14.0 | 10.9 | 16.3 |

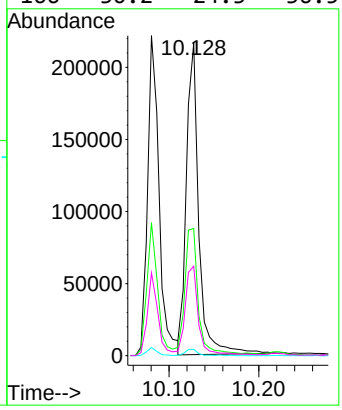





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.707 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:232 Resp: 20732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.8 | 35.4 | 53.2 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.2 | 24.3 | 36.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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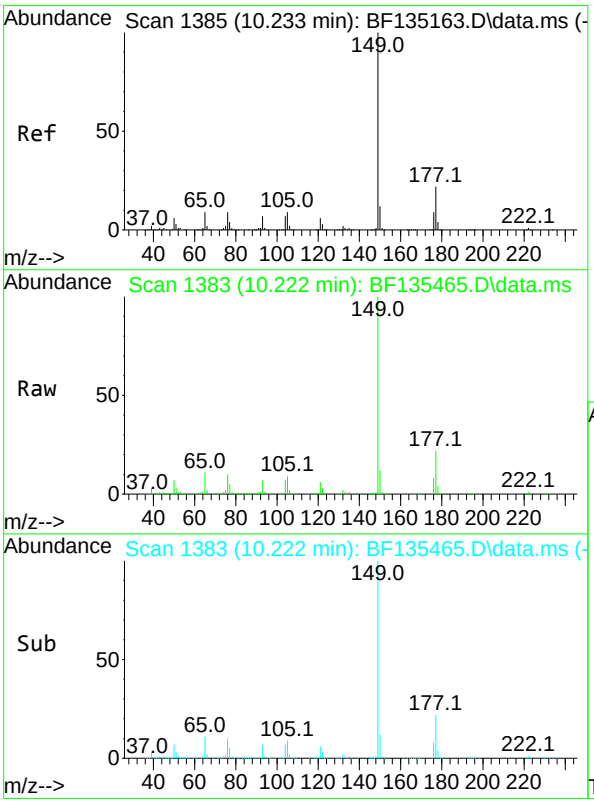
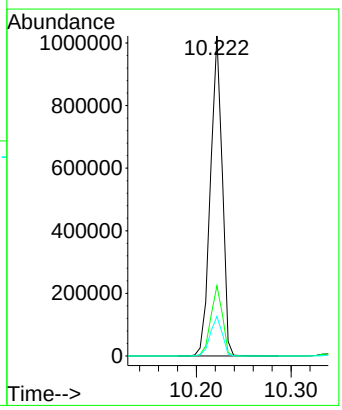
Supervised By :mohammad ahmed 09/29/2023

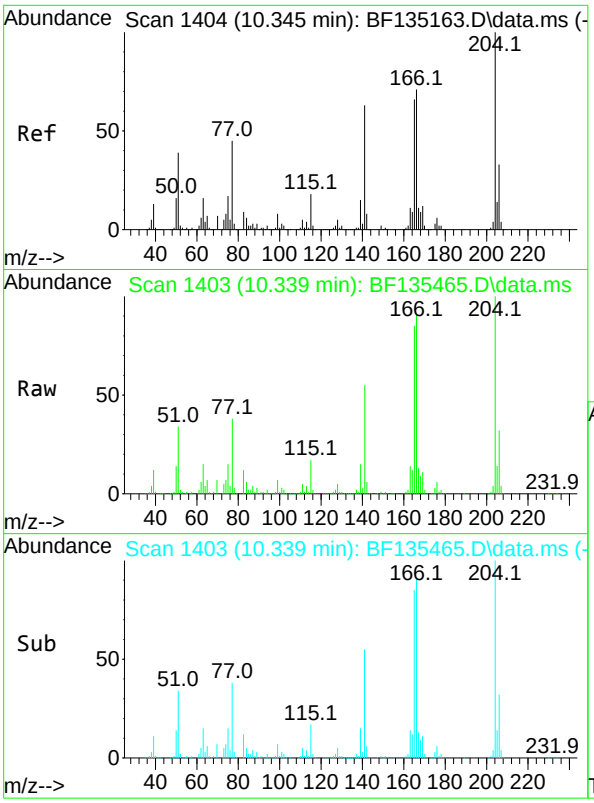



#60
Diethylphthalate
Concen: 37.385 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:149 Resp: 876513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.0 | 17.8 | 26.6 |
| 150 | 12.3 | 10.0 | 15.0 |






#61
4-Chlorophenyl-phenylether
Concen: 35.717 ng
RT: 10.339 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:204 Resp: 38072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.7 | 40.1 |
| 141 | 55.2 | 50.6 | 75.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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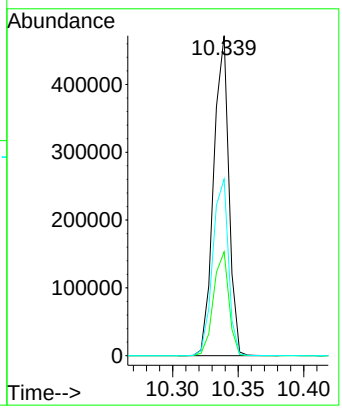
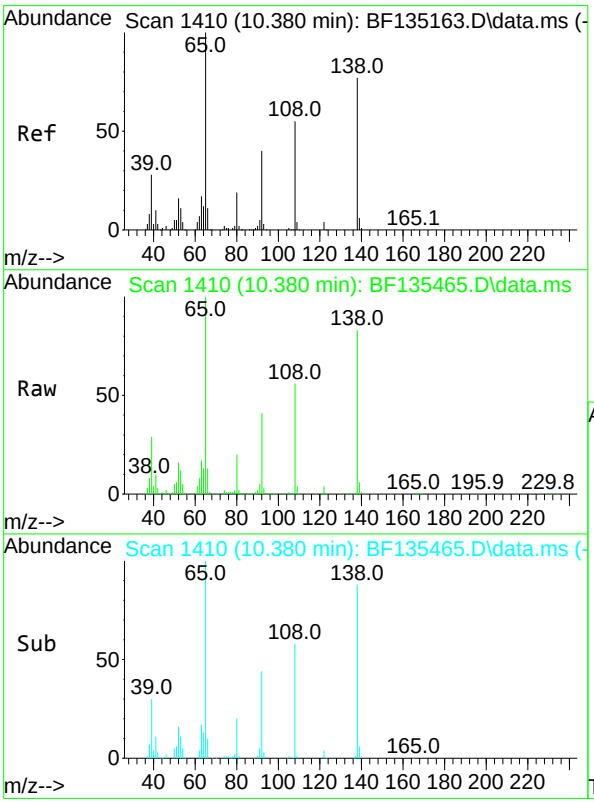
Supervised By :mohammad ahmed 09/29/2023

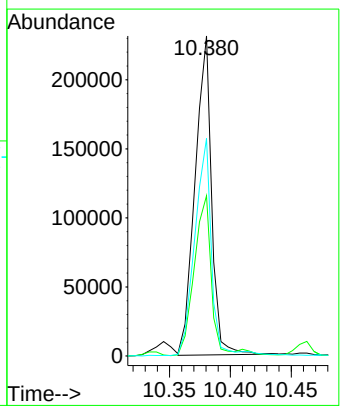


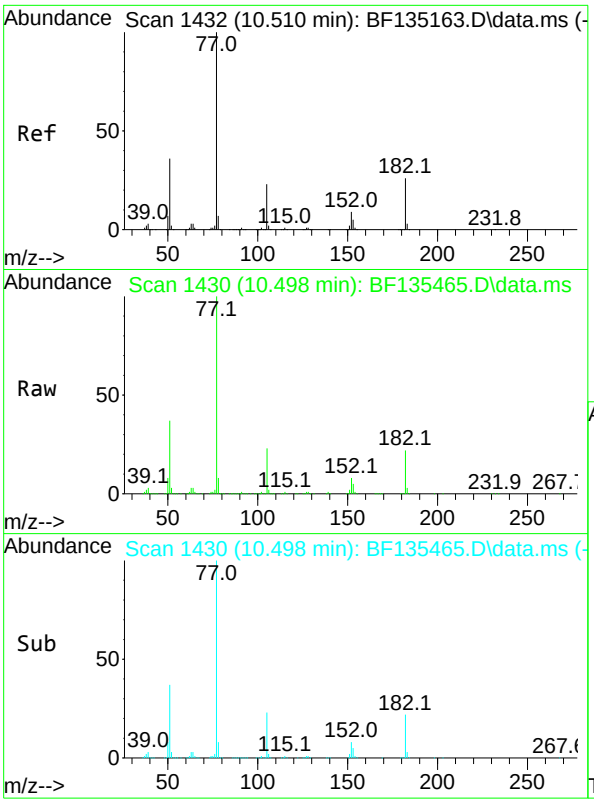




#62
4-Nitroaniline
Concen: 37.795 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:138 Resp: 218251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.0 | 31.8 | 71.8 |
| 108 | 68.0 | 52.0 | 92.0 |

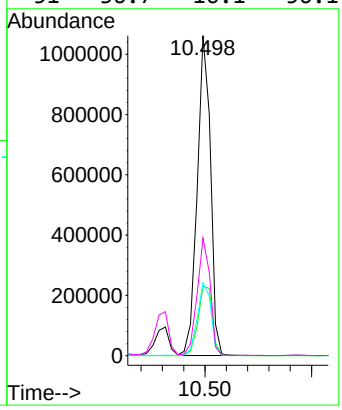





#63
Azobenzene
Concen: 40.091 ng
RT: 10.498 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion: 77 Resp: 91993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.7 | 6.4 | 46.4 |
| 105 | 22.8 | 3.1 | 43.1 |
| 51 | 36.7 | 16.1 | 56.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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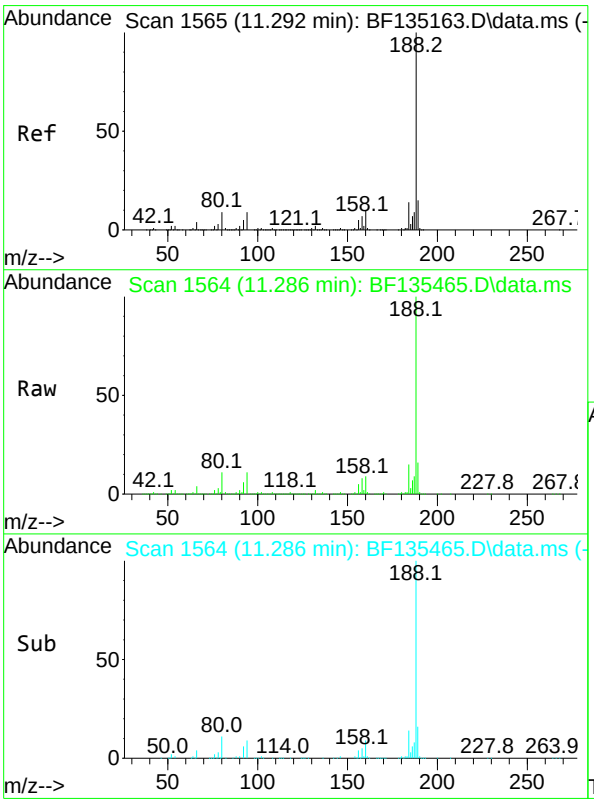
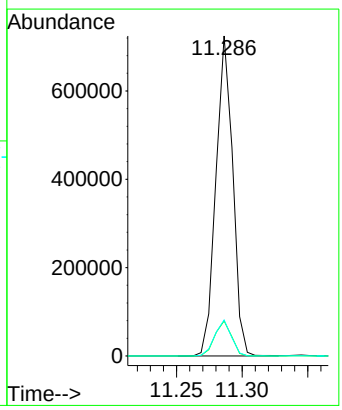
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

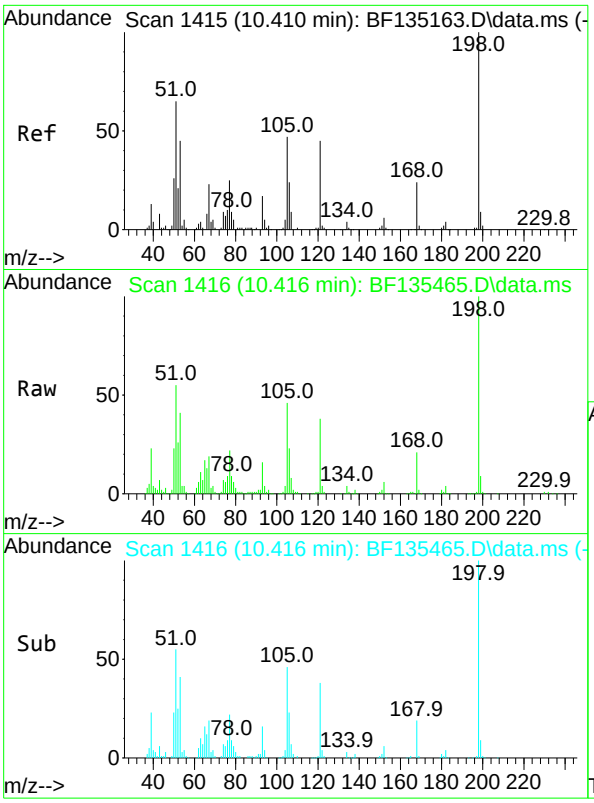



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:188 Resp: 645623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 7.0 | 10.6# |
| 80 | 11.2 | 7.5 | 11.3 |






#65
4,6-Dinitro-2-methylphenol
Concen: 37.593 ng
RT: 10.416 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:198 Resp: 12891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.7 | 47.7 | 87.7 |
| 105 | 45.6 | 27.4 | 67.4 |

**Instrument :**
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SSTDCCC040

**Manual Integrations**
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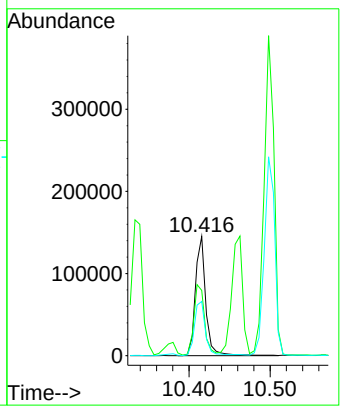
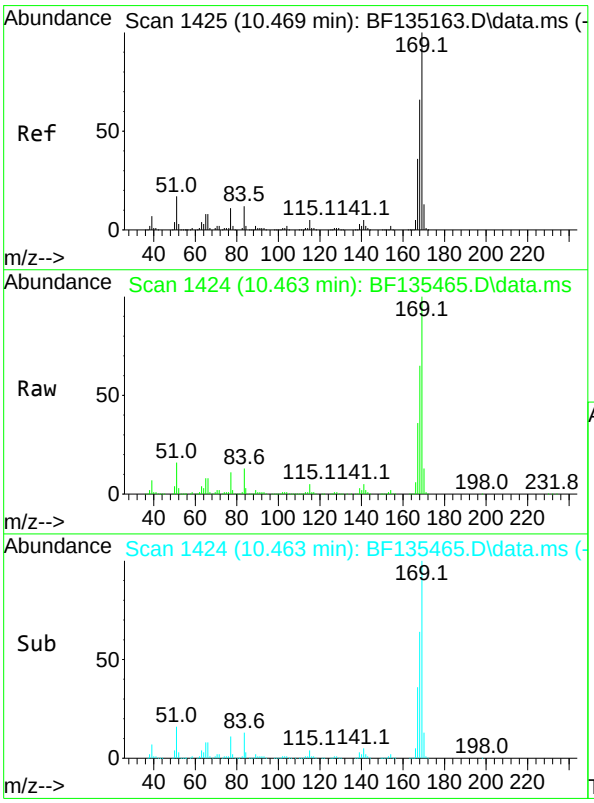
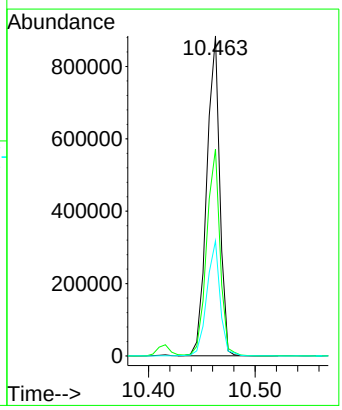


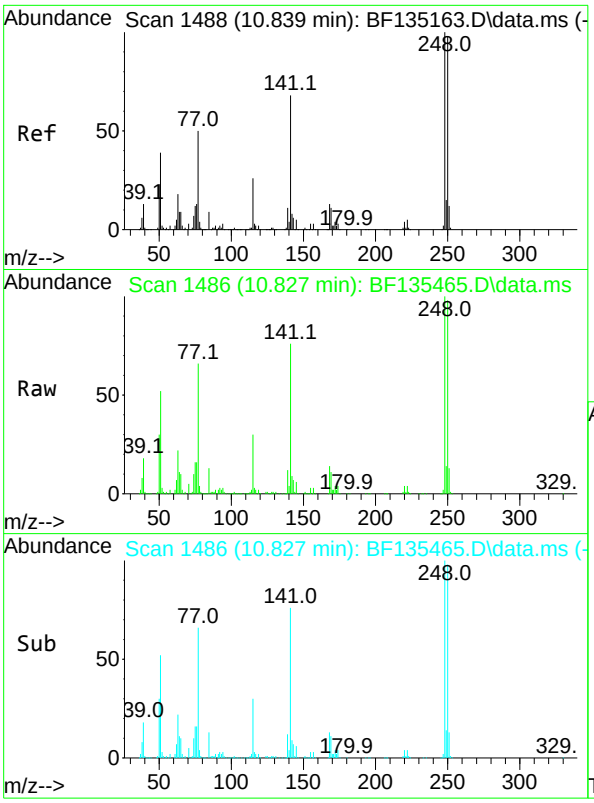




#66
n-Nitrosodiphenylamine
Concen: 38.430 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:169 Resp: 751147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.7 | 52.8 | 79.2 |
| 167 | 36.0 | 29.0 | 43.6 |






#67
4-Bromophenyl-phenylether
Concen: 37.873 ng
RT: 10.827 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:248 Resp: 24319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.2 | 78.6 | 117.8 |
| 141 | 75.6 | 54.2 | 81.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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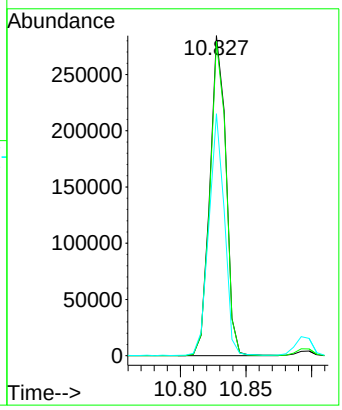
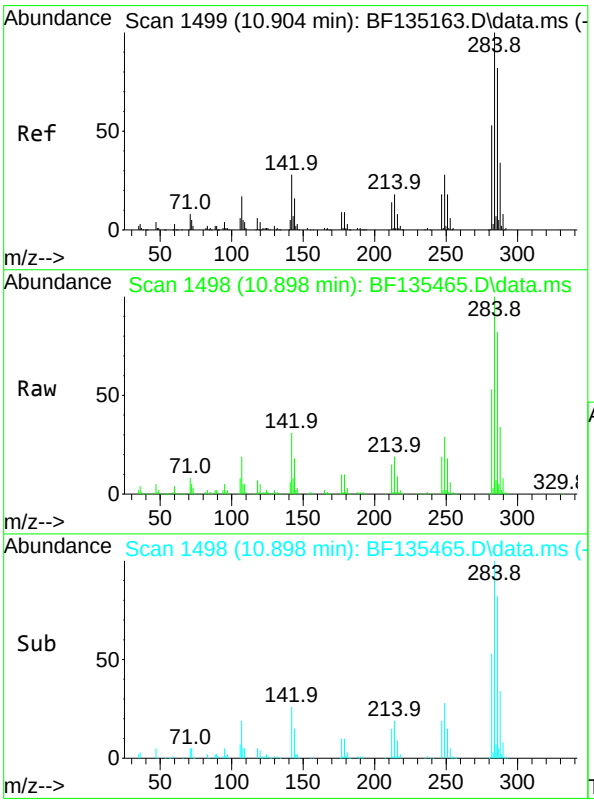
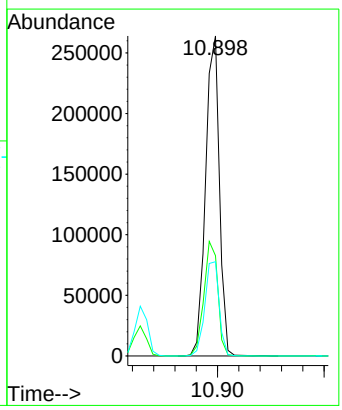


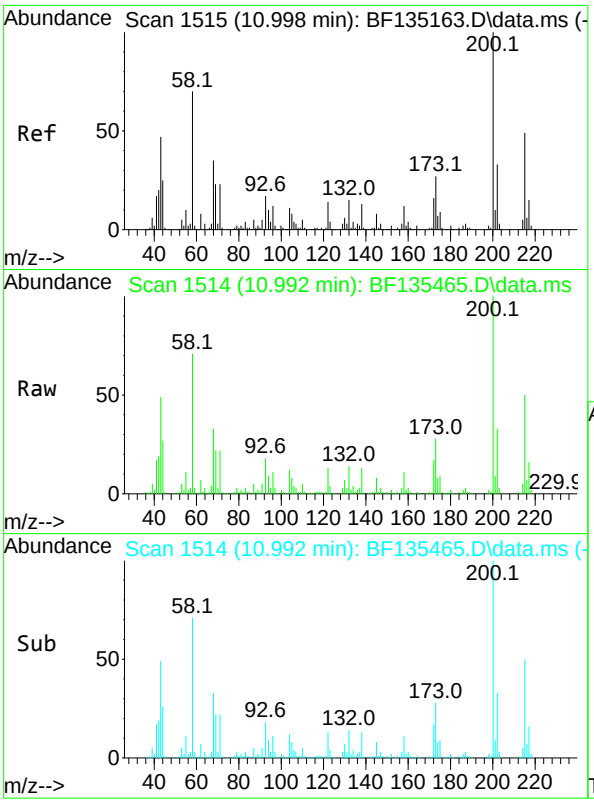




#68
Hexachlorobenzene
Concen: 36.459 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:284 Resp: 238504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 22.2 | 33.4 |
| 249 | 29.5 | 22.5 | 33.7 |

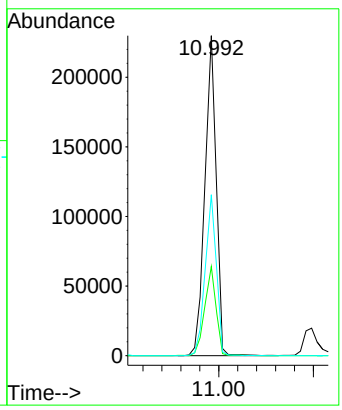





#69
Atrazine
Concen: 36.247 ng
RT: 10.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:200 Resp: 19063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.8 | 7.4 | 47.4 |
| 215 | 50.3 | 28.6 | 68.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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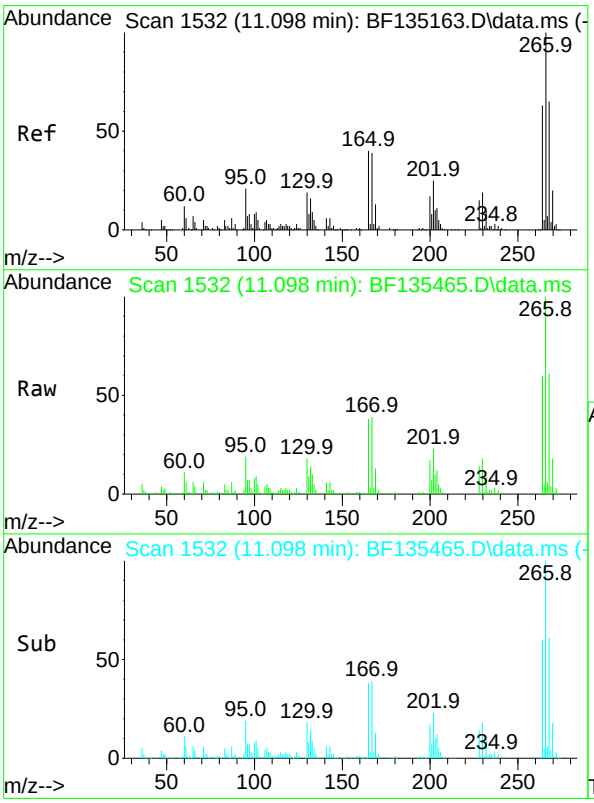
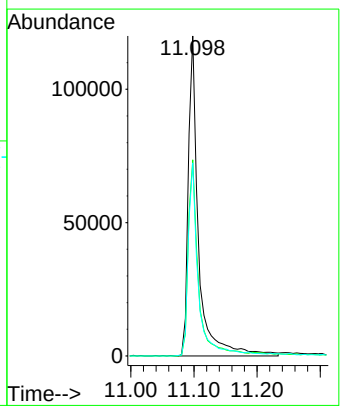
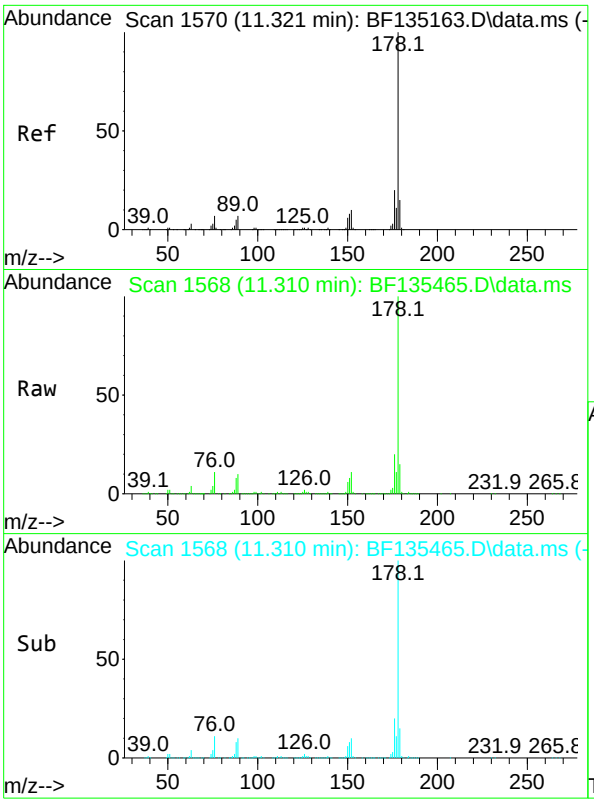



#70
Pentachlorophenol
Concen: 34.901 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:266 Resp: 136598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.3 | 52.1 | 78.1 |
| 264 | 60.3 | 50.8 | 76.2 |

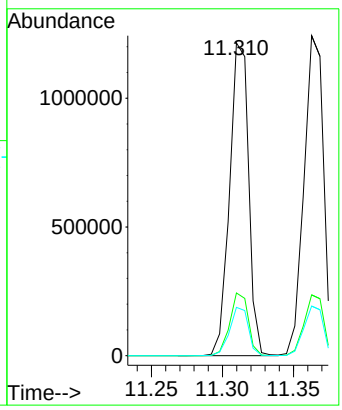





#71
Phenanthrene
Concen: 37.211 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:178 Resp: 113624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.6 | 23.4 |
| 179 | 15.5 | 12.0 | 18.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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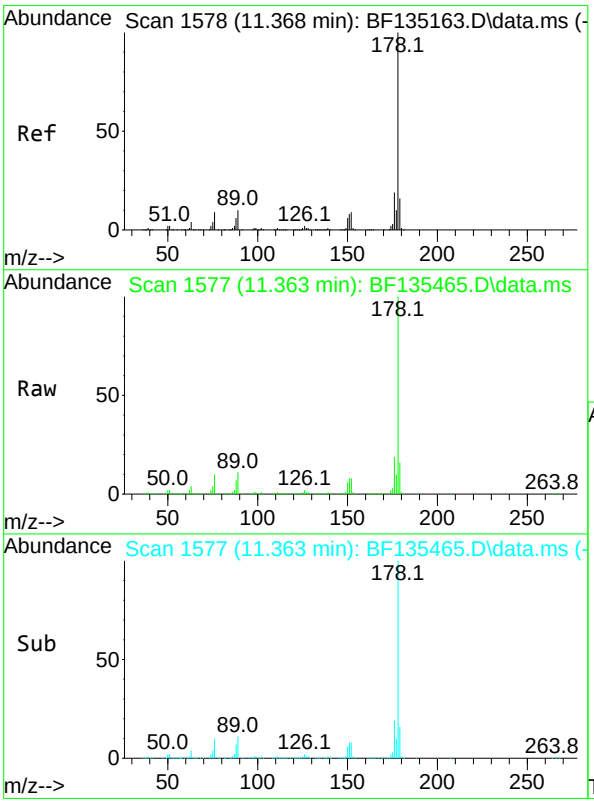
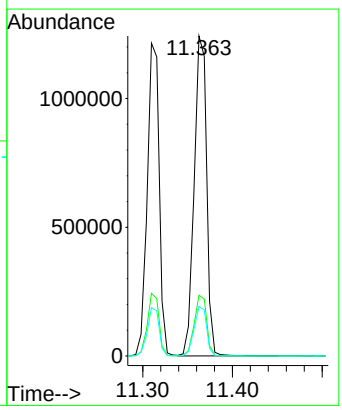
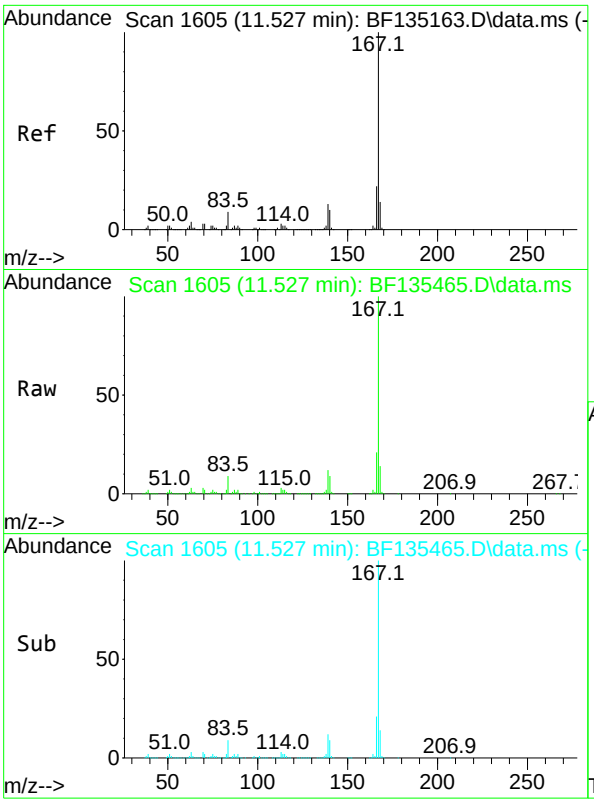



#72
Anthracene
Concen: 38.121 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:178 Resp: 1196512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 15.5 | 12.6 | 19.0 |

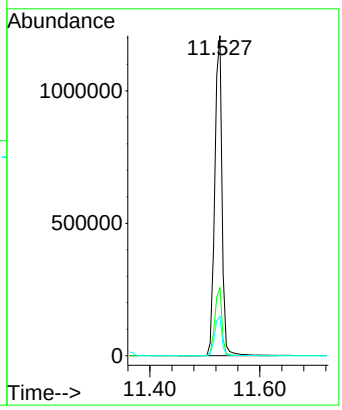





#73
Carbazole
Concen: 38.753 ng
RT: 11.527 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:167 Resp: 110726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.4 | 26.0 |
| 139 | 12.3 | 10.6 | 15.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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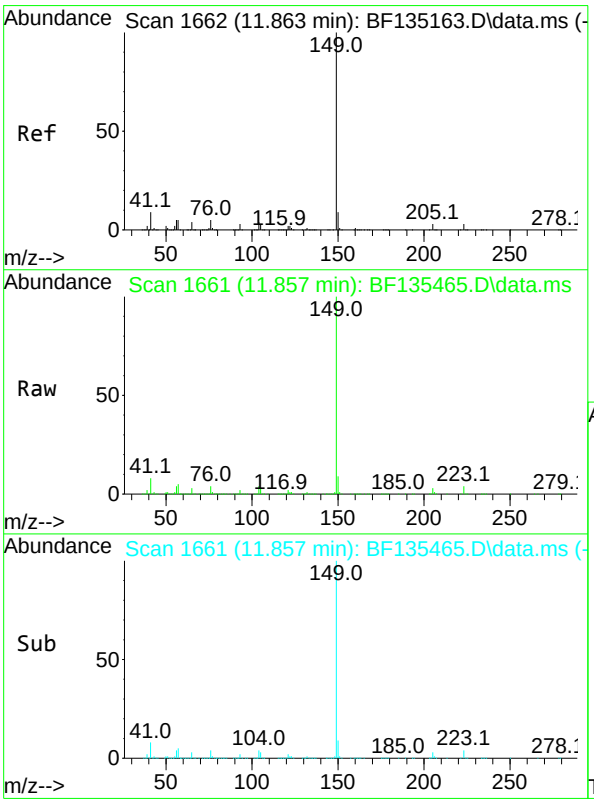
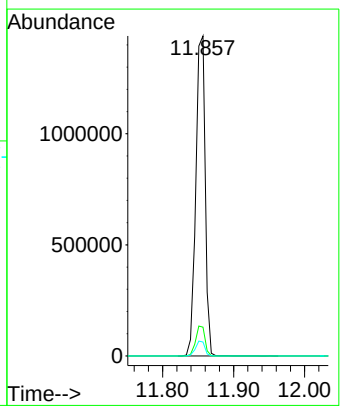
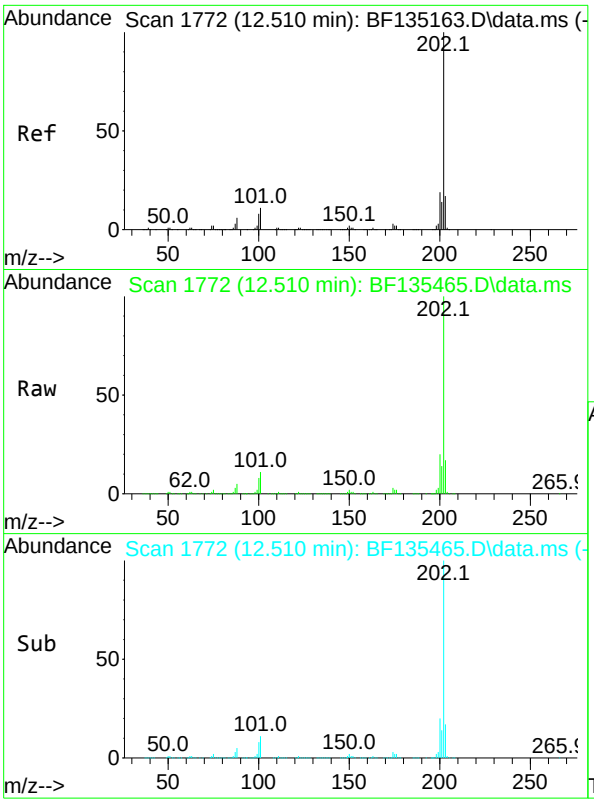



#74
Di-n-butylphthalate
Concen: 39.455 ng
RT: 11.857 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:149 Resp: 1328369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.0 |
| 104 | 4.4 | 3.6 | 5.4 |

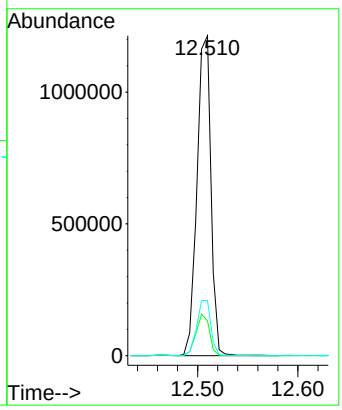





#75
Fluoranthene
Concen: 36.967 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:202 Resp: 117620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.3 |
| 203 | 17.3 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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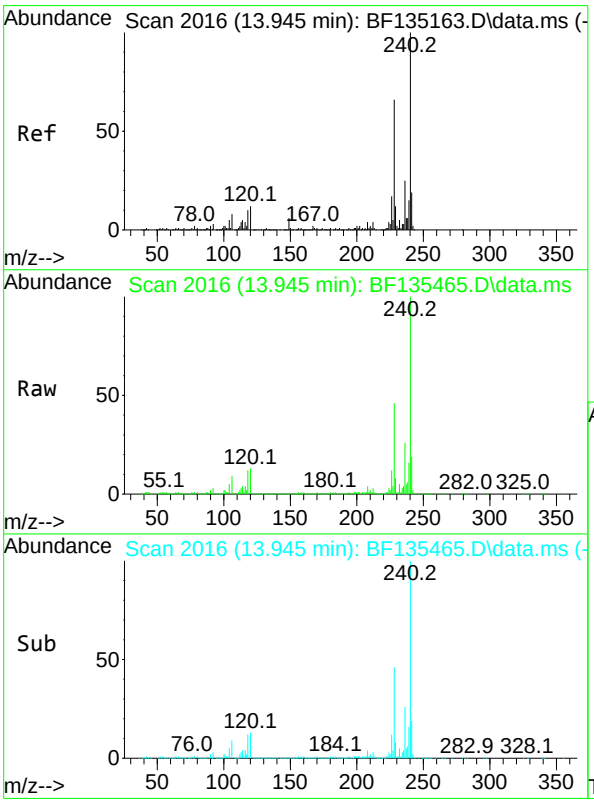
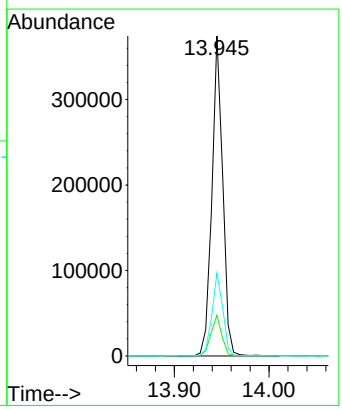
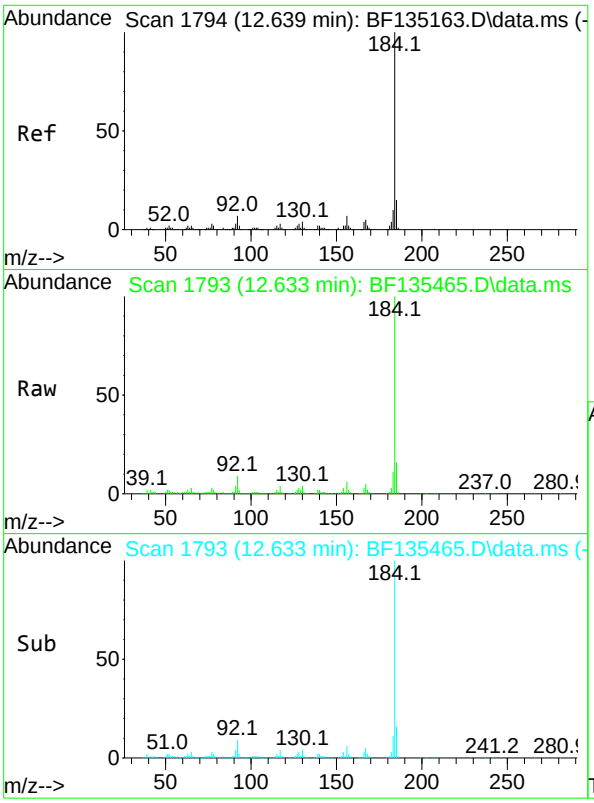



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:240 Resp: 295837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.7 | 9.4 | 14.2 |
| 236 | 25.9 | 19.8 | 29.8 |

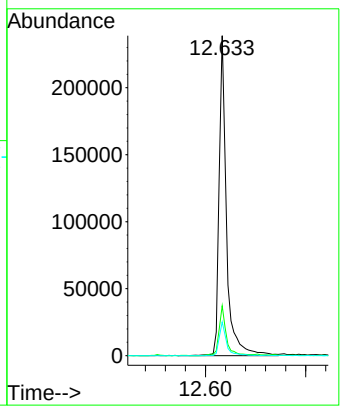





#77
Benzidine
Concen: 40.517 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:184 Resp: 24556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 11.7 | 17.5 |
| 183 | 10.5 | 8.2 | 12.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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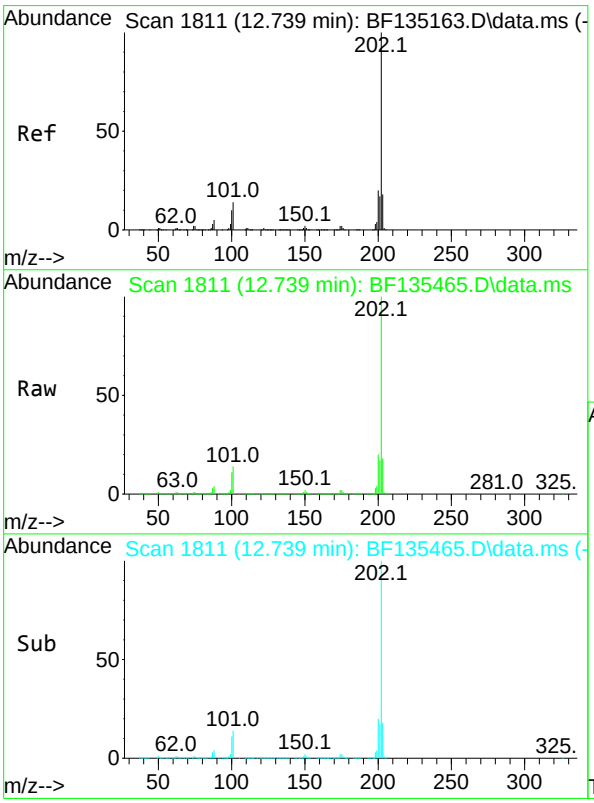
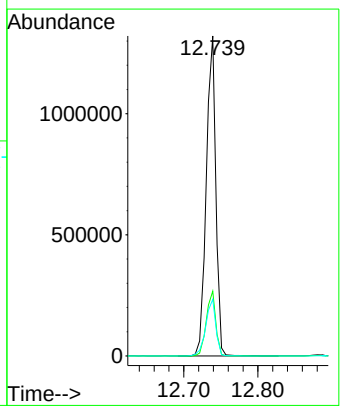
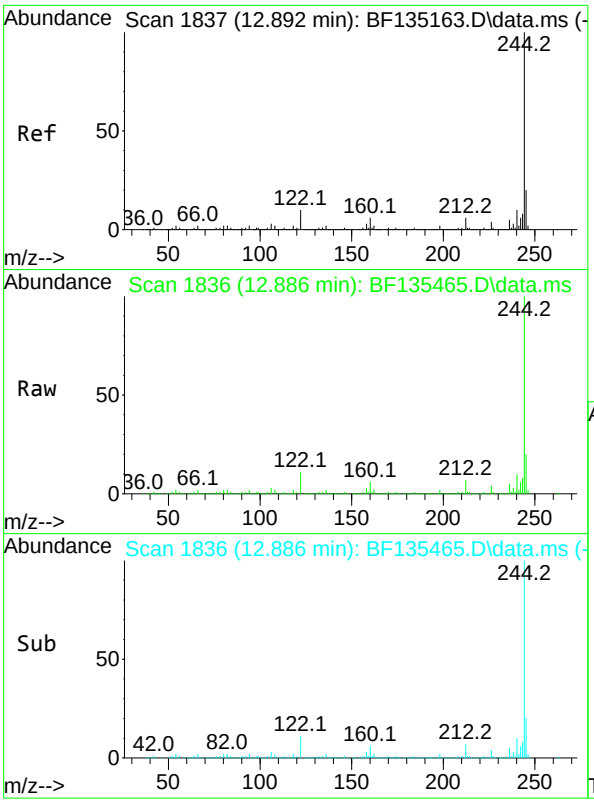



#78
Pyrene
Concen: 42.052 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:202 Resp: 1184432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 16.2 | 24.2 |
| 203 | 17.7 | 14.2 | 21.4 |

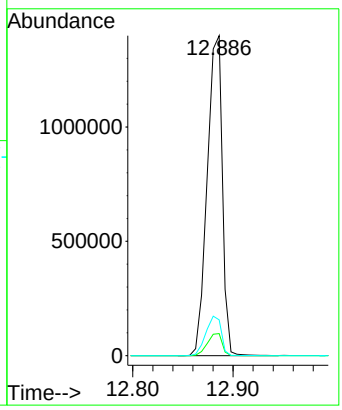





#79
Terphenyl-d14
Concen: 76.949 ng
RT: 12.886 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:244 Resp: 146849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.1 | 7.7 |
| 122 | 11.2 | 7.9 | 11.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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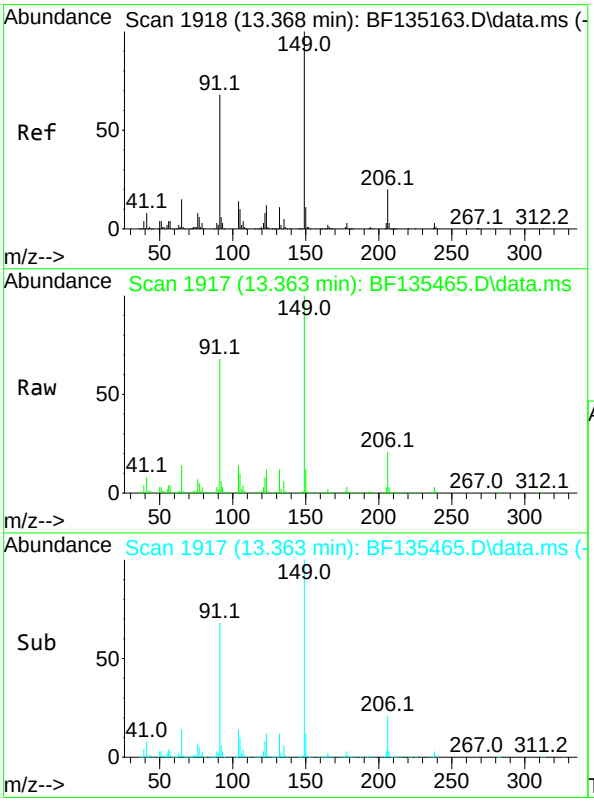
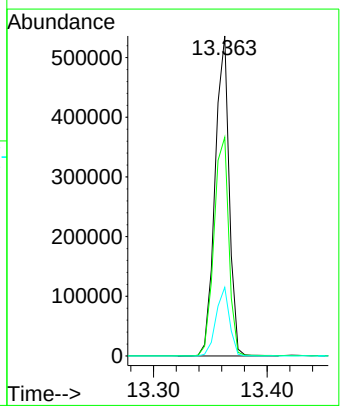
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

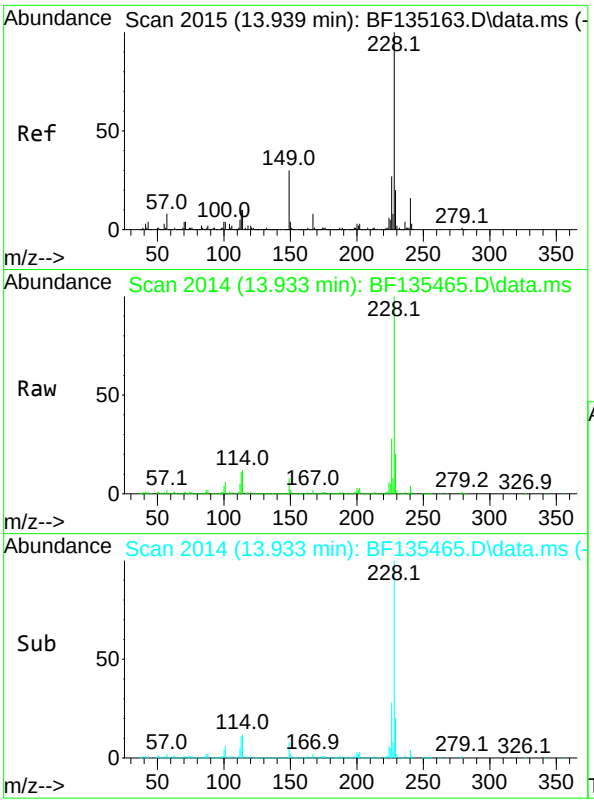



#80
Butylbenzylphthalate
Concen: 46.673 ng
RT: 13.363 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:149 Resp: 462843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.4 | 54.7 | 82.1 |
| 206 | 21.4 | 16.3 | 24.5 |

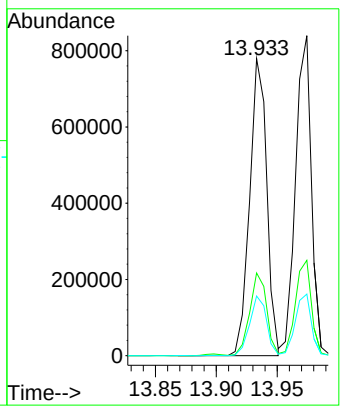





#81
Benzo(a)anthracene
Concen: 39.911 ng
RT: 13.933 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:228 Resp: 76241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 21.7 | 32.5 |
| 229 | 20.1 | 15.8 | 23.8 |

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BNA_F
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SSTDCCC040

**Manual Integrations**
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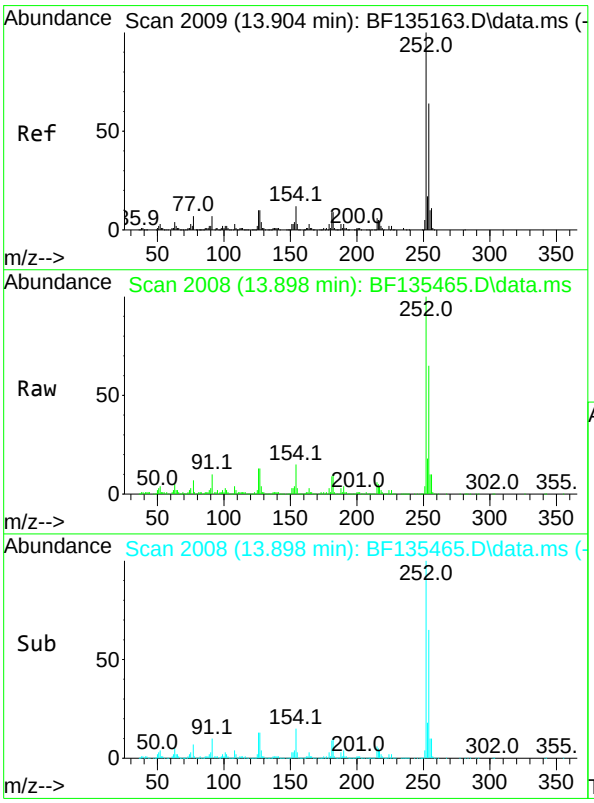
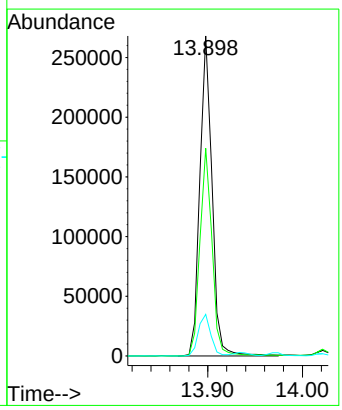
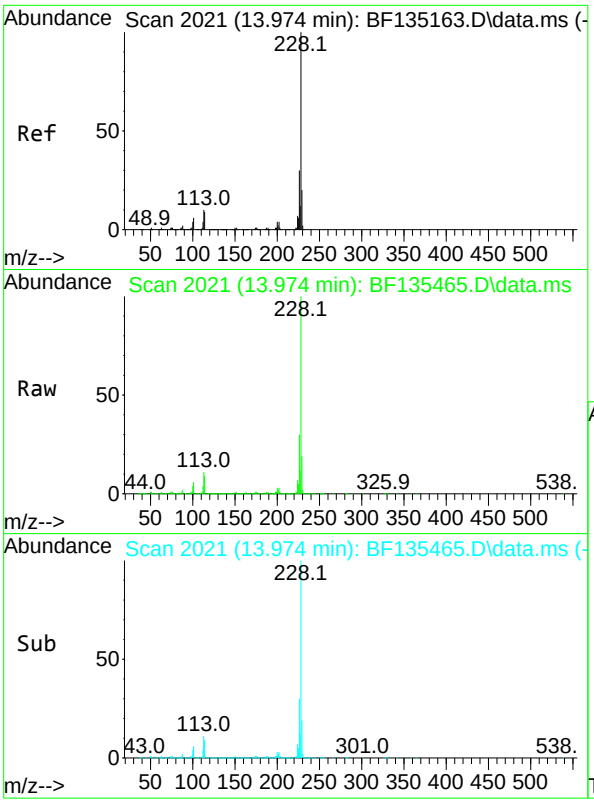



#82
3,3'-Dichlorobenzidine
Concen: 40.061 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:252 Resp: 239041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.0 | 76.4 |
| 126 | 13.0 | 7.8 | 11.8# |

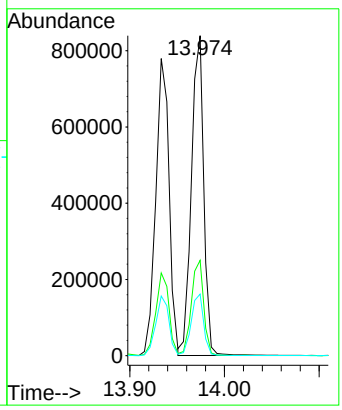





#83
Chrysene
Concen: 40.107 ng
RT: 13.974 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:228 Resp: 76174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 24.3 | 36.5 |
| 229 | 19.2 | 16.0 | 24.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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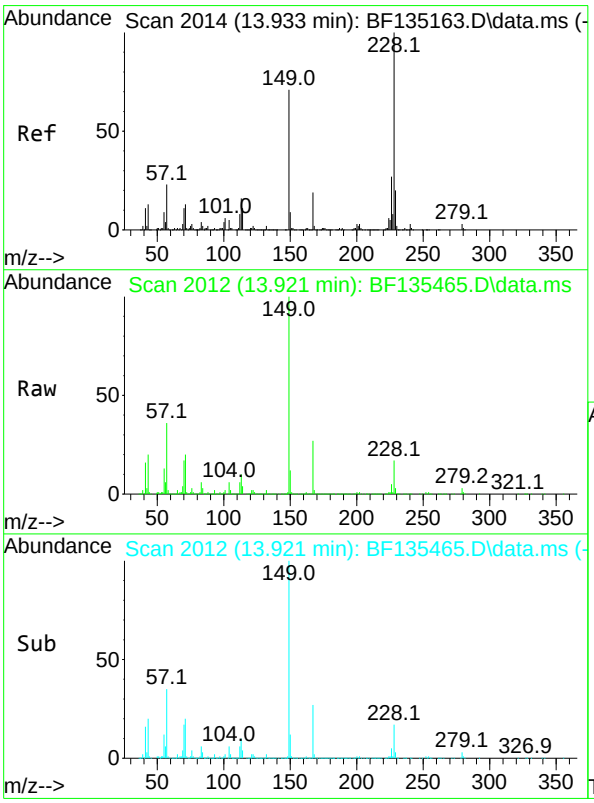
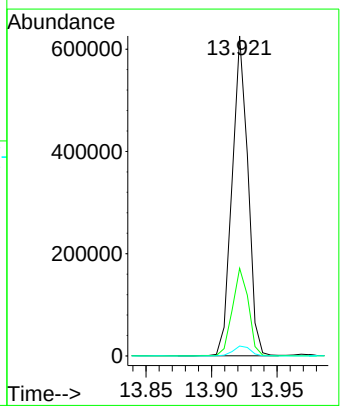
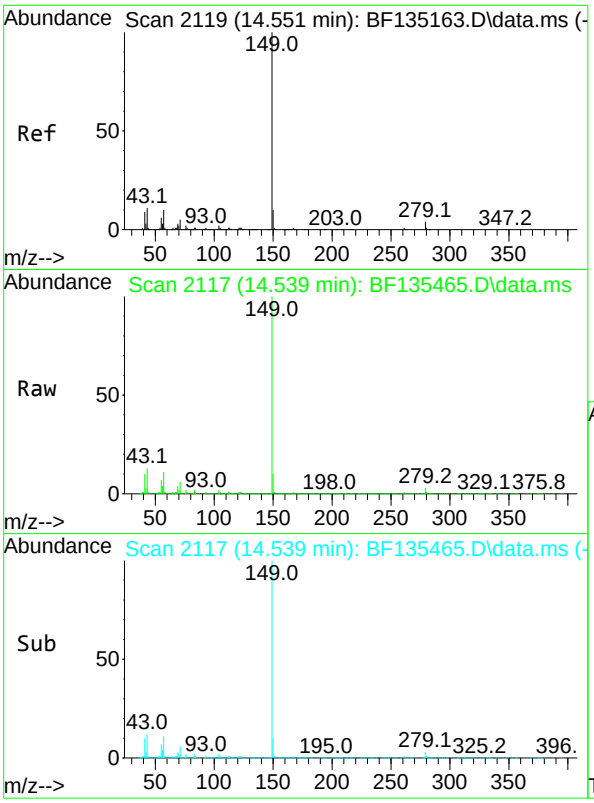



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.687 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:149 Resp: 525985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 21.9 | 32.9 |
| 279 | 3.1 | 3.3 | 4.9# |






#85
Di-n-octyl phthalate
Concen: 45.745 ng
RT: 14.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:149 Resp: 73979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.4 | 9.8 | 14.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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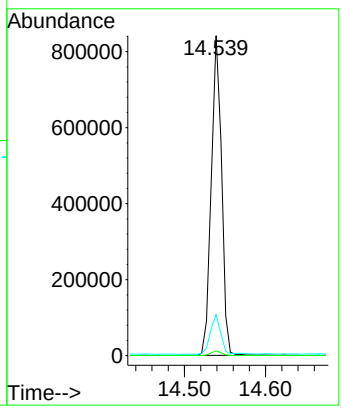
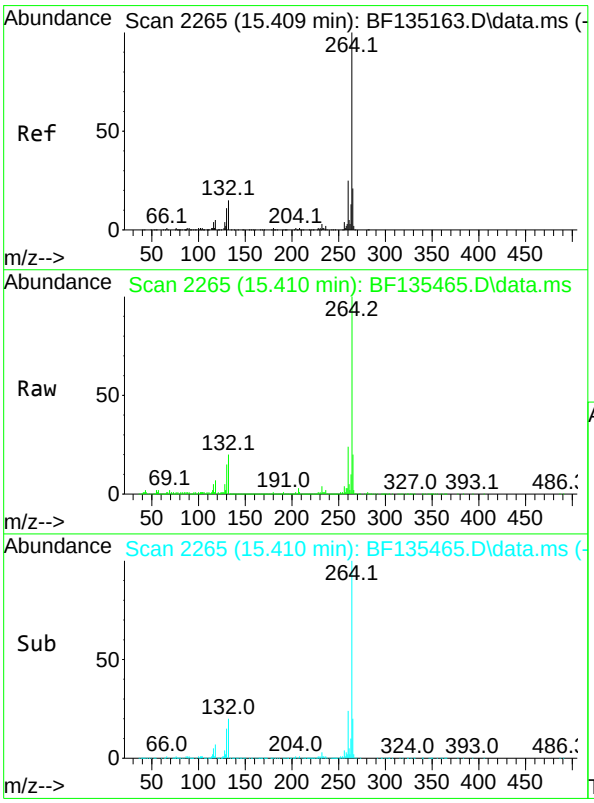
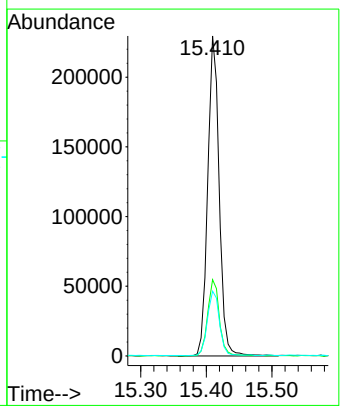


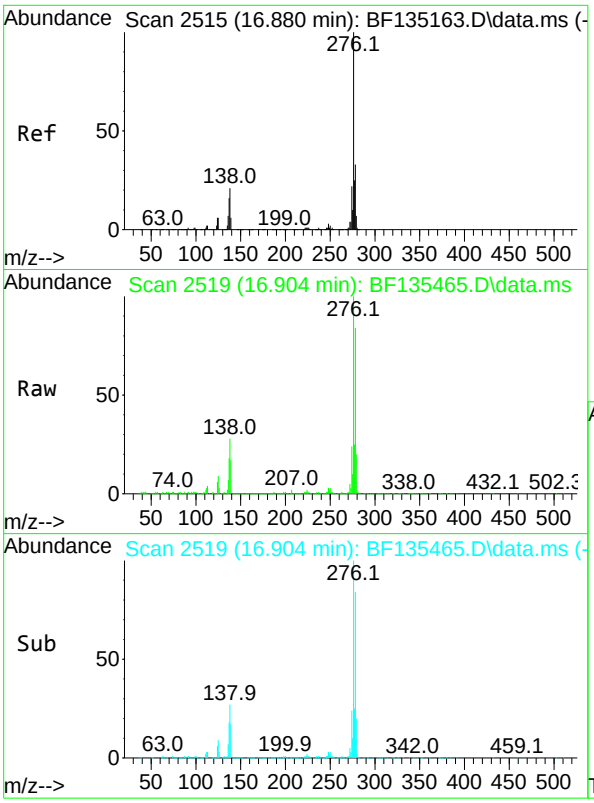




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:264 Resp: 279676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.8 | 29.6 |
| 265 | 20.2 | 17.0 | 25.4 |

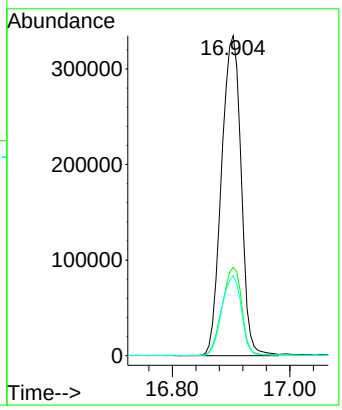





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.239 ng
RT: 16.904 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:276 Resp: 774549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.7 | 19.2 | 28.8 |
| 277 | 24.8 | 19.7 | 29.5 |




**Instrument :**
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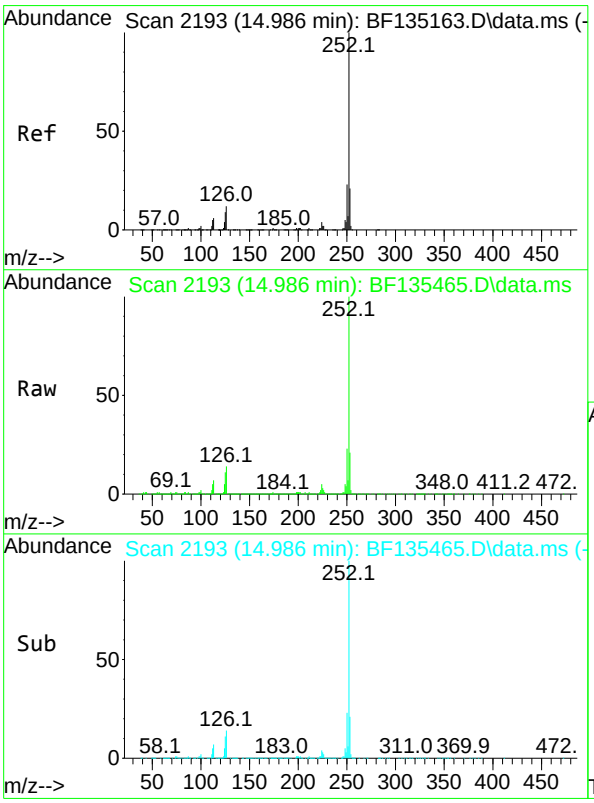
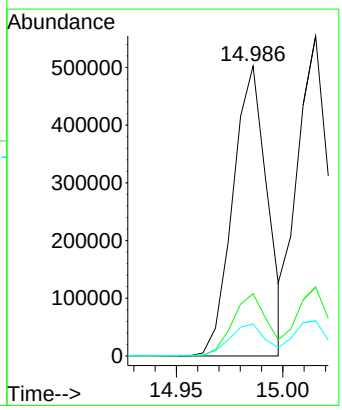
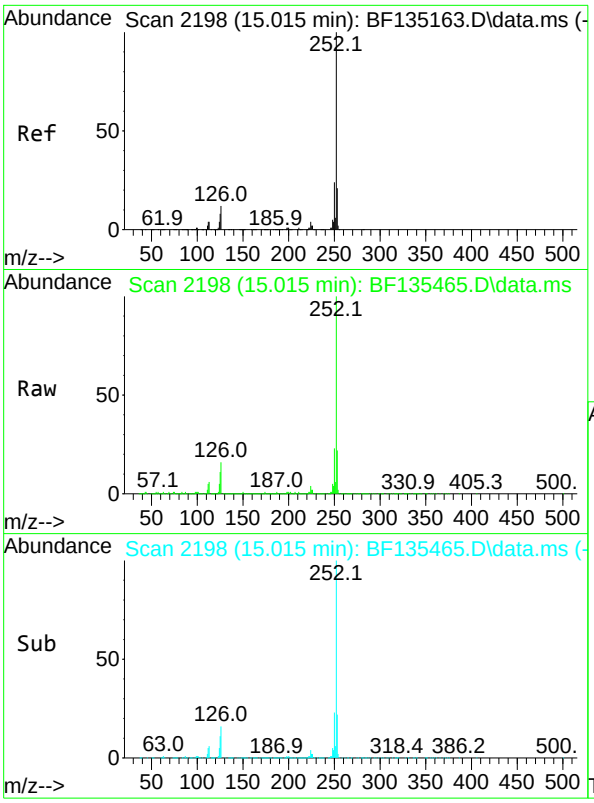



#88
Benzo(b)fluoranthene
Concen: 37.354 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:252 Resp: 565540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.2 | 25.8 |
| 125 | 11.0 | 7.1 | 10.7# |

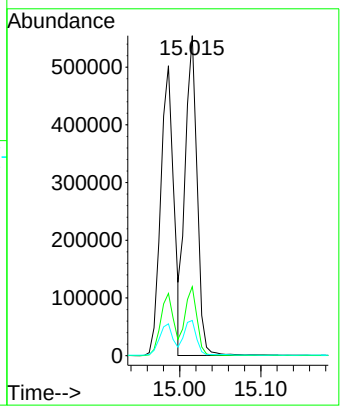





#89
Benzo(k)fluoranthene
Concen: 38.112 ng
RT: 15.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:252 Resp: 56997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.4 | 26.0 |
| 125 | 11.0 | 7.2 | 10.8 |




**Instrument :**
BNA_F
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SSTDCCC040

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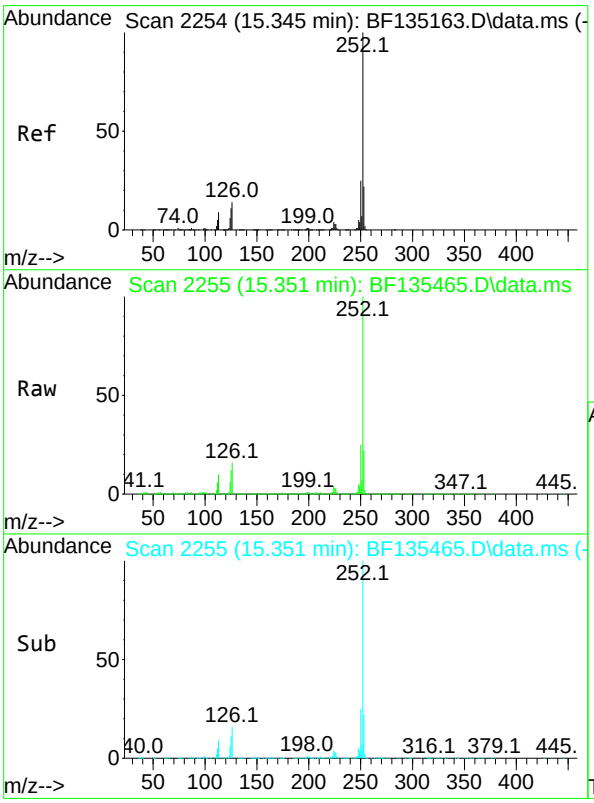
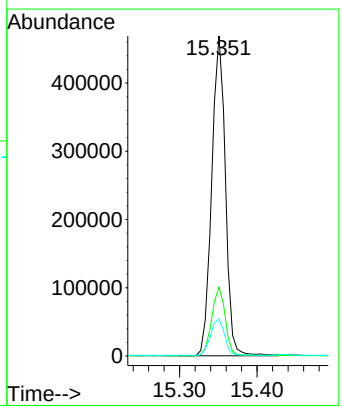
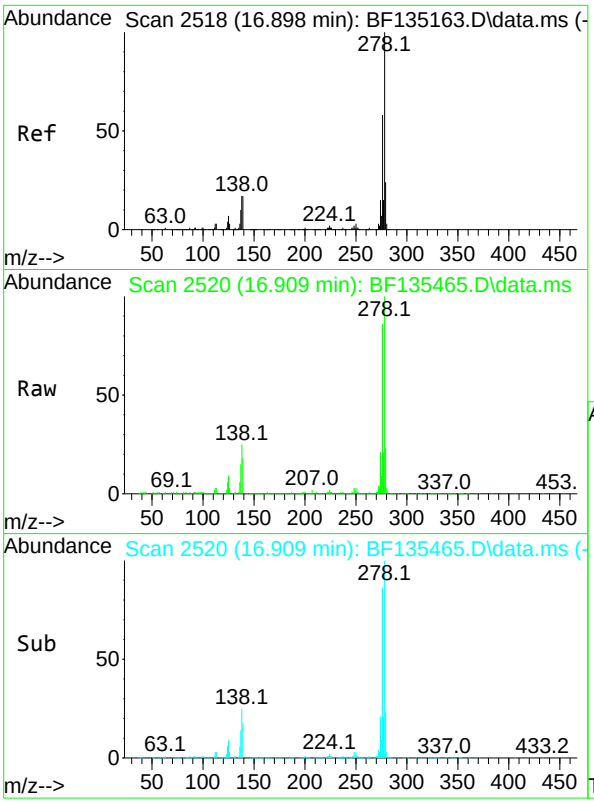



#90
Benzo(a)pyrene
Concen: 39.915 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:252 Resp: 576285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.5 | 26.3 |
| 125 | 11.5 | 9.2 | 13.8 |

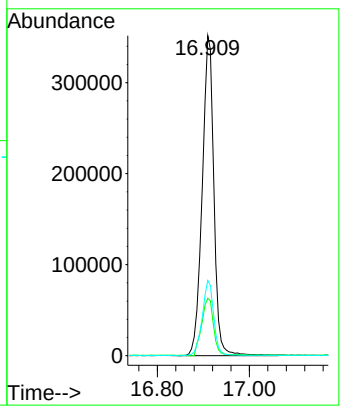





#91
Dibenzo(a,h)anthracene
Concen: 41.579 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:278 Resp: 62384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 13.4 | 20.0 |
| 279 | 23.5 | 19.0 | 28.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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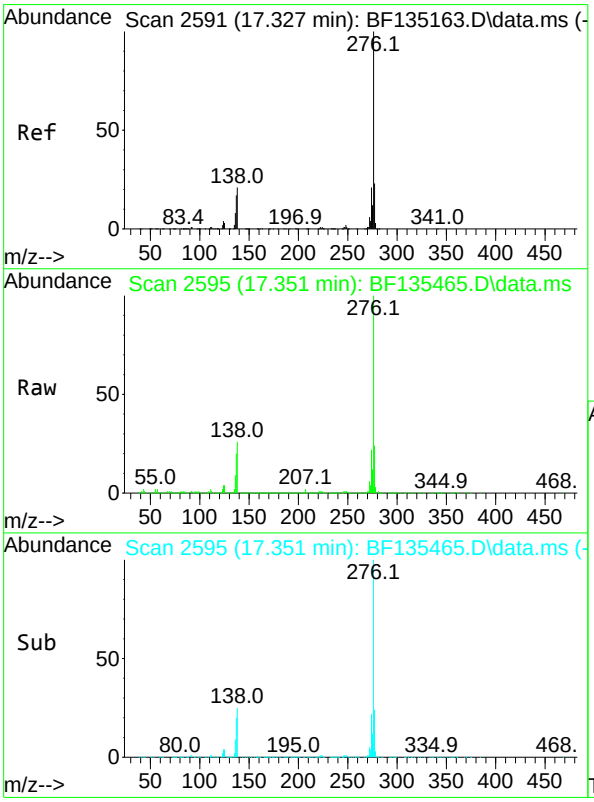
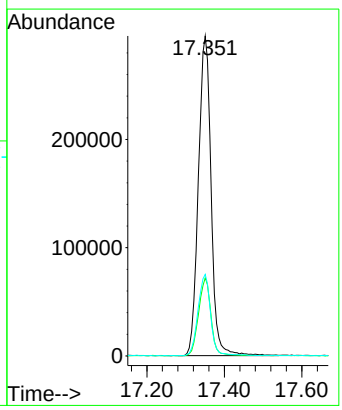



#92
Benzo(g,h,i)perylene
Concen: 42.846 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.018 min
Lab File: BF135465.D
Acq: 27 Sep 2023 11:02

Tgt Ion:276 Resp: 671389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 18.8 | 28.2 |
| 138 | 25.5 | 16.9 | 25.3# |