

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080323\  
 Data File : BF134607.D  
 Acq On : 03 Aug 2023 13:02  
 Operator : CG\JU  
 Sample : 03775-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-12-(0-5)

Quant Time: Aug 04 01:07:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 02:20:34 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023

| Compound                    | R.T.   | QIon | Response  | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|-----------|---------|-------|----------|
| -----                       |        |      |           |         |       |          |
| Internal Standards          |        |      |           |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 169651    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 593569    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.833  | 164  | 254501    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.333 | 188  | 361031    | 20.000  | ng    | # 0.02   |
| 76) Chrysene-d12            | 14.010 | 240  | 131731m   | 20.000  | ng    | 0.05     |
| 86) Perylene-d12            | 15.480 | 264  | 215469m   | 20.000  | ng    | 0.06     |
|                             |        |      |           |         |       |          |
| System Monitoring Compounds |        |      |           |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 932535    | 83.557  | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 1162617   | 81.492  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 656690    | 69.138  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.627 | 330  | 194102    | 74.816  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1050610   | 68.638  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.939 | 244  | 879050    | 117.637 | ng    | 0.03     |
|                             |        |      |           |         |       |          |
| Target Compounds            |        |      |           |         |       | Qvalue   |
| 22) Acetophenone            | 7.192  | 105  | 32632     | 2.381   | ng    | # 80     |
| 31) Naphthalene             | 8.116  | 128  | 5868474   | 196.720 | ng    | 96       |
| 37) 2-Methylnaphthalene     | 8.804  | 142  | 2902078   | 146.766 | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.904  | 142  | 3159912   | 171.853 | ng    | 97       |
| 46) 1,1'-Biphenyl           | 9.257  | 154  | 1326815   | 67.042  | ng    | 98       |
| 49) Acenaphthylene          | 9.704  | 152  | 2512561   | 107.789 | ng    | # 96     |
| 52) Acenaphthene            | 9.875  | 154  | 1905655   | 126.153 | ng    | 97       |
| 55) Dibenzofuran            | 10.045 | 168  | 914518    | 42.528  | ng    | # 90     |
| 58) Fluorene                | 10.404 | 166  | 3124928   | 199.507 | ng    | # 92     |
| 71) Phenanthrene            | 11.392 | 178  | 8993386   | 468.980 | ng    | 97       |
| 72) Anthracene              | 11.433 | 178  | 4122180m  | 210.446 | ng    |          |
| 73) Carbazole               | 11.569 | 167  | 453316    | 25.919  | ng    | 92       |
| 75) Fluoranthene            | 12.604 | 202  | 7590311   | 374.712 | ng    | 96       |
| 78) Pyrene                  | 12.845 | 202  | 10506660m | 921.728 | ng    |          |
| 81) Benzo(a)anthracene      | 13.998 | 228  | 5441649   | 577.707 | ng    | # 90     |
| 83) Chrysene                | 14.045 | 228  | 4396896m  | 479.123 | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 16.998 | 276  | 2280458m  | 179.957 | ng    |          |
| 88) Benzo(b)fluoranthene    | 15.062 | 252  | 4613200m  | 351.048 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.086 | 252  | 1341078m  | 102.444 | ng    |          |
| 90) Benzo(a)pyrene          | 15.439 | 252  | 4752836   | 387.903 | ng    | 94       |
| 91) Dibenzo(a,h)anthracene  | 17.004 | 278  | 703424    | 68.686  | ng    | # 87     |
| 92) Benzo(g,h,i)perylene    | 17.462 | 276  | 2497750   | 239.095 | ng    | # 92     |
| -----                       |        |      |           |         |       |          |

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

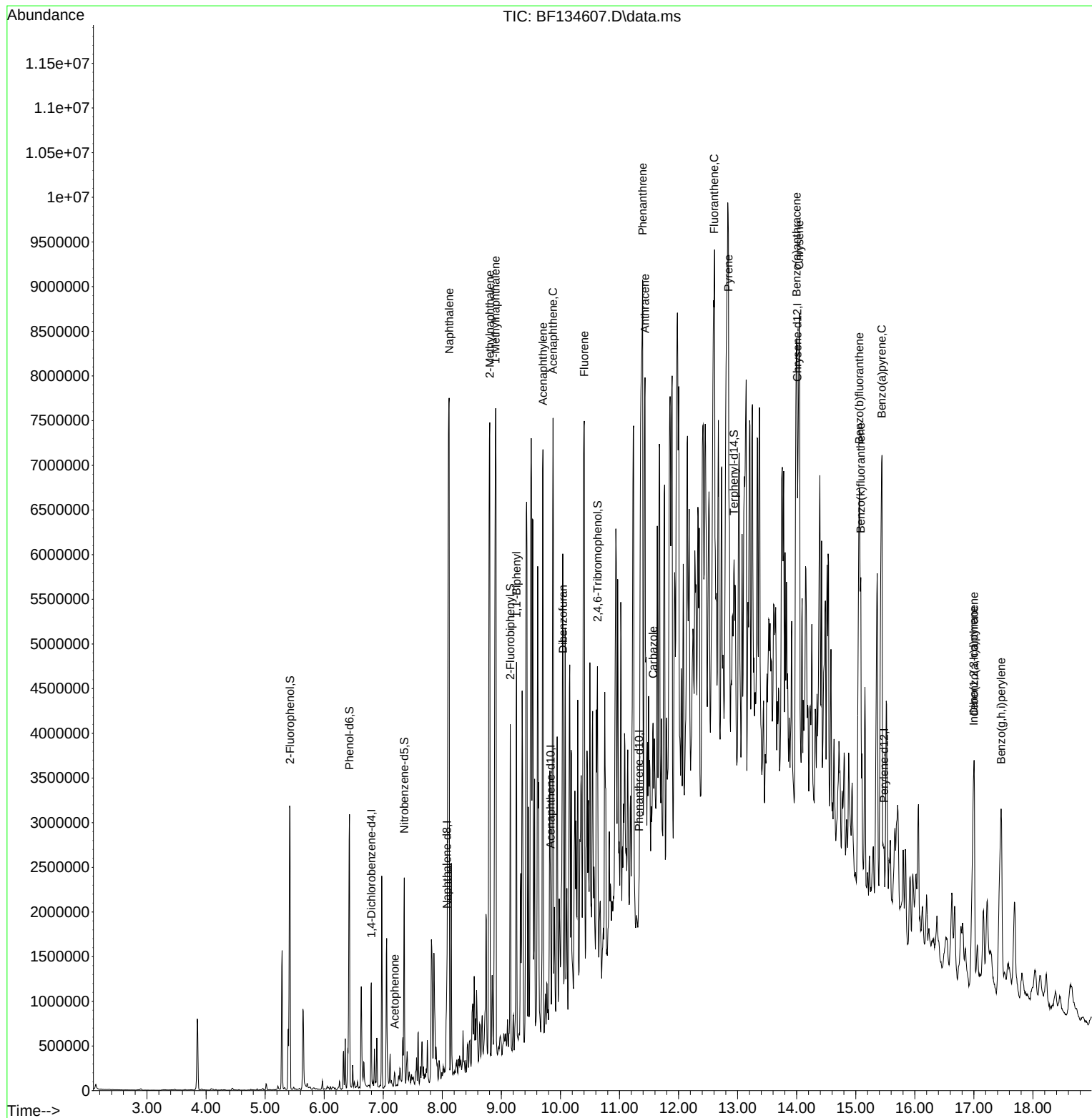
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080323\  
Data File : BF134607.D  
Acq On : 03 Aug 2023 13:02  
Operator : CG\JU  
Sample : 03775-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

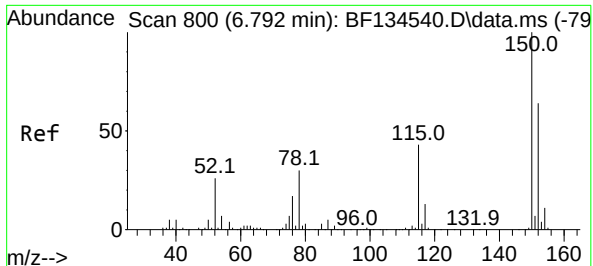
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)

Quant Time: Aug 04 01:07:04 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 02 02:20:34 2023  
Response via : Initial Calibration

Manual Integrations  
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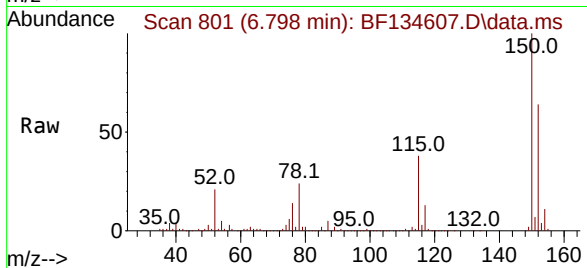
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

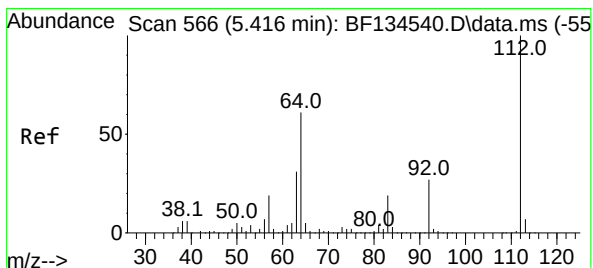
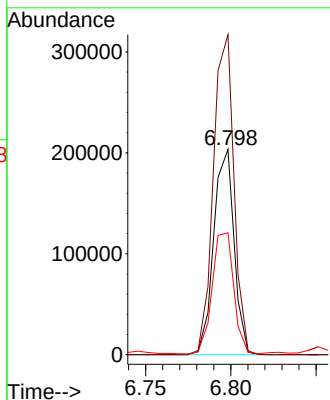
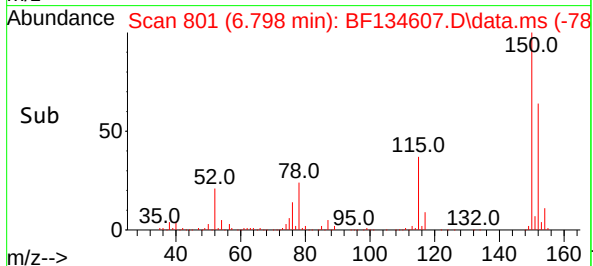
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



Tgt Ion:152 Resp: 16965  
Ion Ratio Lower Upper  
152 100  
150 155.9 128.3 192.5  
115 59.4 52.4 78.6

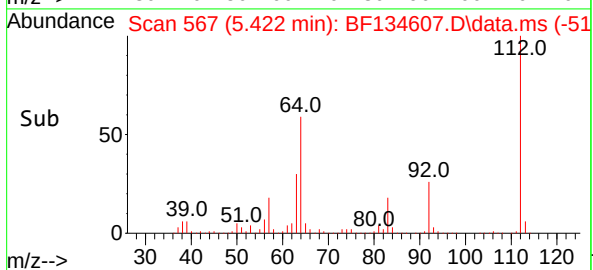
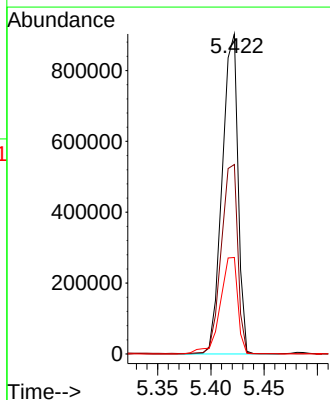
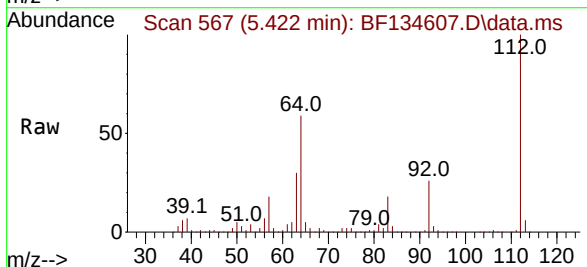
Manual Integrations  
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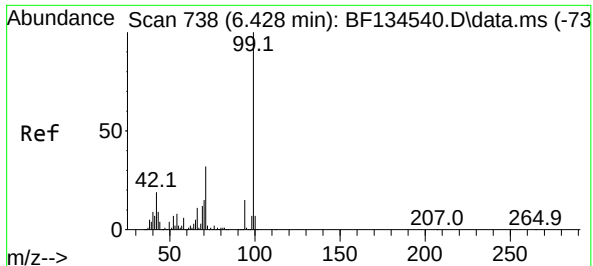
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#5  
2-Fluorophenol  
Concen: 83.557 ng  
RT: 5.422 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

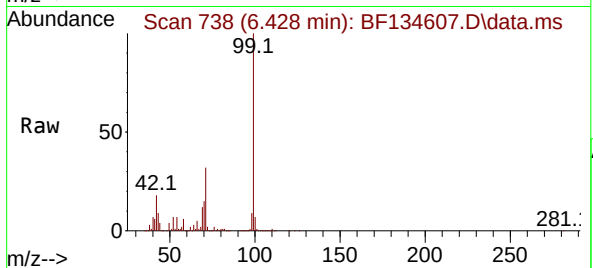
Tgt Ion:112 Resp: 932535  
Ion Ratio Lower Upper  
112 100  
64 59.2 44.9 67.3  
63 30.2 25.4 38.0





#7  
Phenol-d6  
Concen: 81.492 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

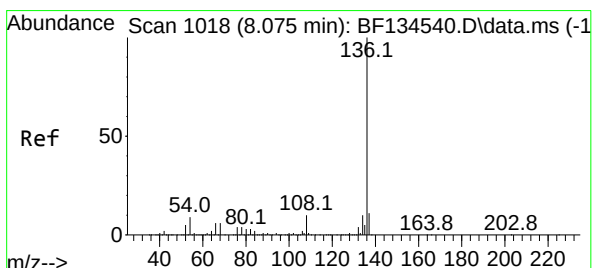
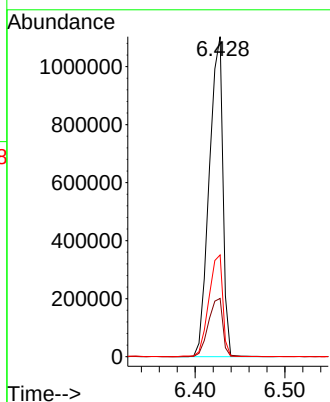
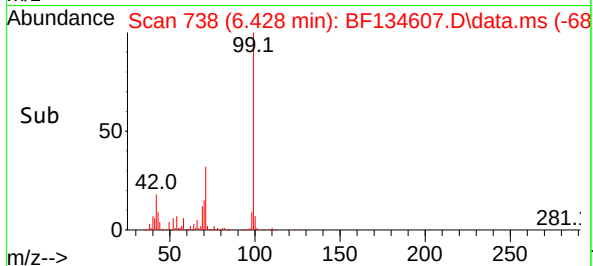
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



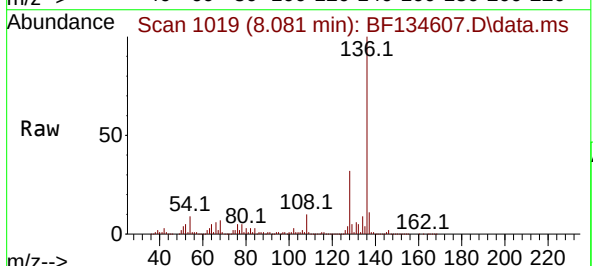
Tgt Ion: 99 Resp: 116261  
Ion Ratio Lower Upper  
99 100  
42 18.2 18.7 28.1#  
71 31.8 36.4 54.6#

Manual Integrations  
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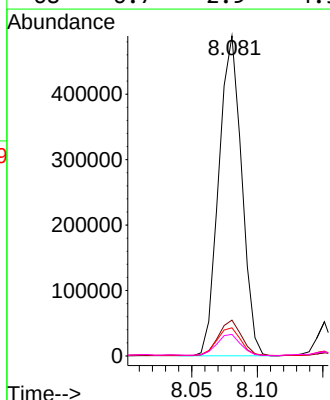
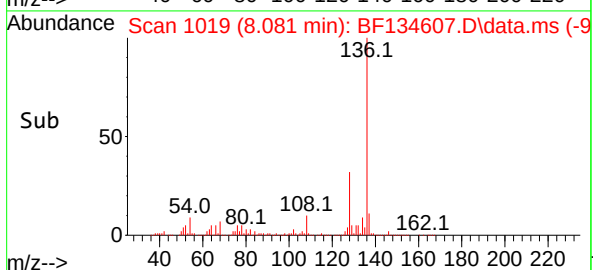
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

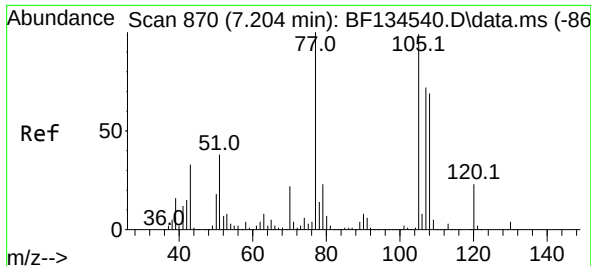


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. 0.006 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



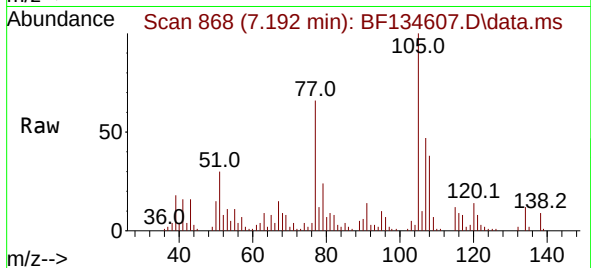
Tgt Ion:136 Resp: 593569  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 8.8 5.2 7.8#  
68 6.7 2.9 4.3#





#22  
Acetophenone  
Concen: 2.381 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

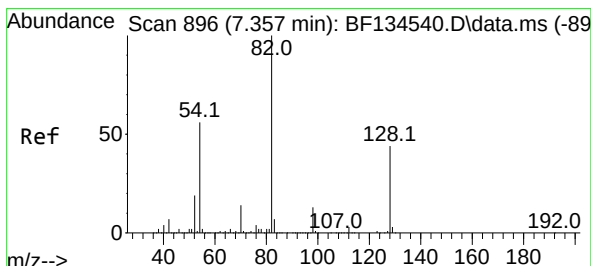
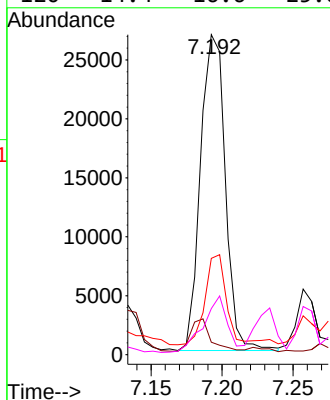
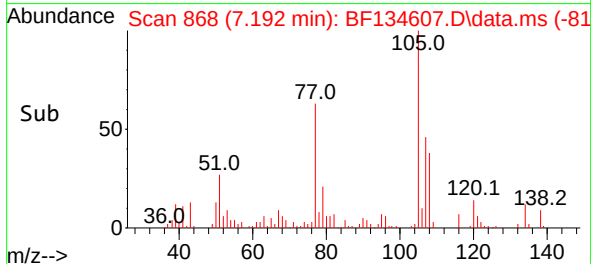
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



Tgt Ion:105 Resp: 3263  
Ion Ratio Lower Upper  
105 100  
71 3.9 7.4 11.0  
51 30.1 36.4 54.6  
120 14.4 16.6 25.0

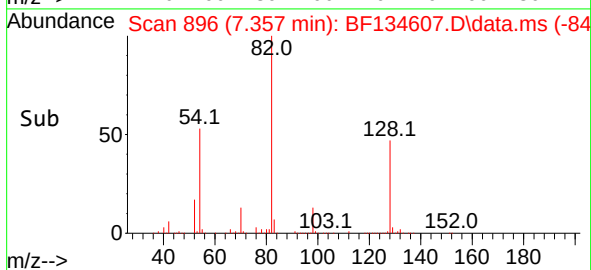
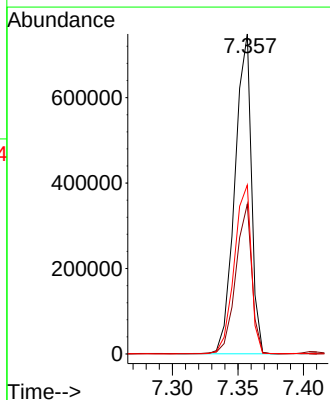
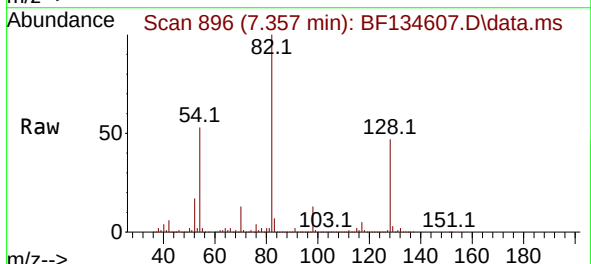
Manual Integrations  
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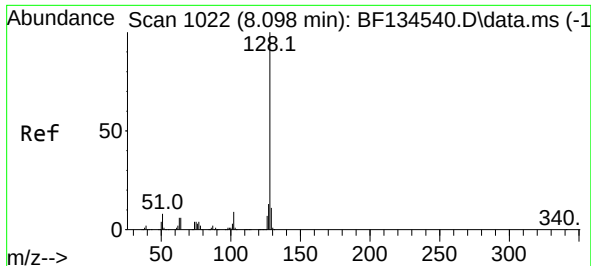
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#23  
Nitrobenzene-d5  
Concen: 69.138 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

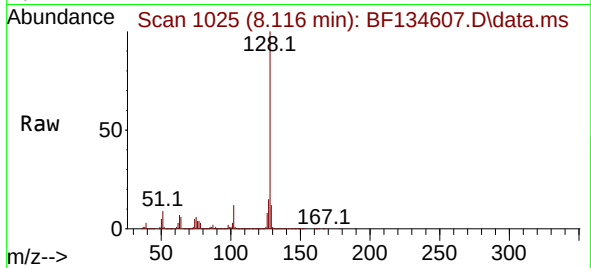
Tgt Ion: 82 Resp: 656690  
Ion Ratio Lower Upper  
82 100  
128 46.9 34.3 51.5  
54 52.8 43.8 65.6





#31  
Naphthalene  
Concen: 196.720 ng  
RT: 8.116 min Scan# 1102  
Delta R.T. 0.018 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

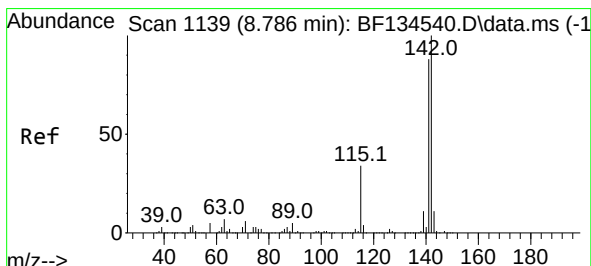
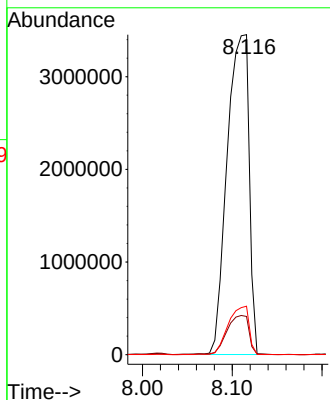
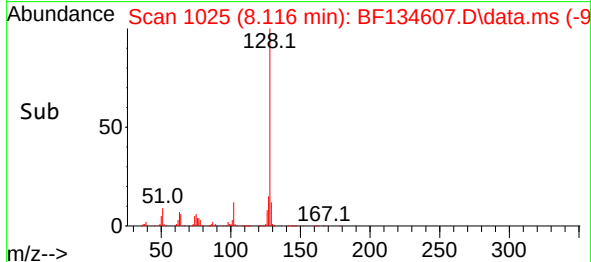
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



Tgt Ion:128 Resp: 5868474  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.4 12.6  
127 15.2 10.7 16.1

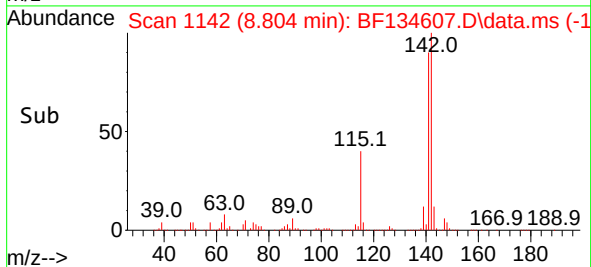
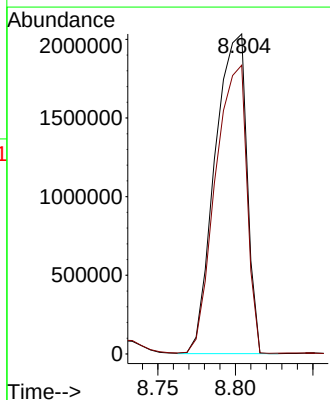
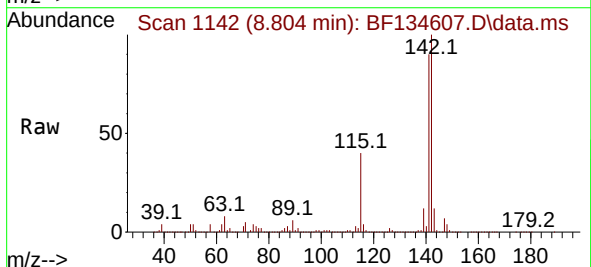
Manual Integrations  
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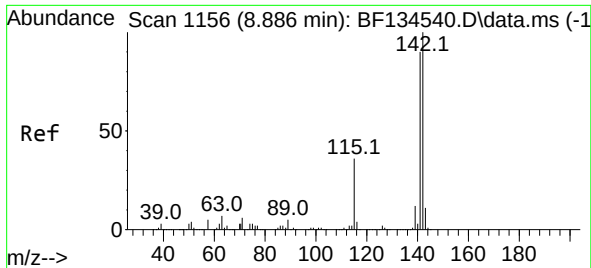
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#37  
2-Methylnaphthalene  
Concen: 146.766 ng  
RT: 8.804 min Scan# 1142  
Delta R.T. 0.018 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

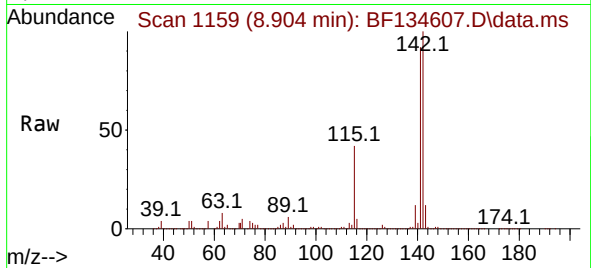
Tgt Ion:142 Resp: 2902078  
Ion Ratio Lower Upper  
142 100  
141 90.2 70.8 106.2





#38  
1-Methylnaphthalene  
Concen: 171.853 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. 0.018 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

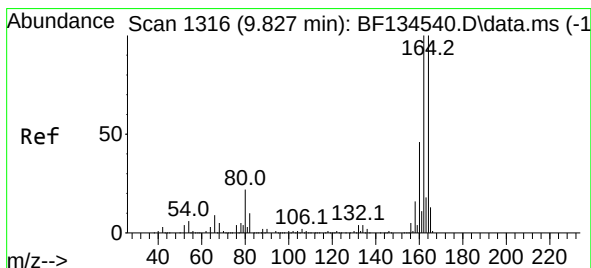
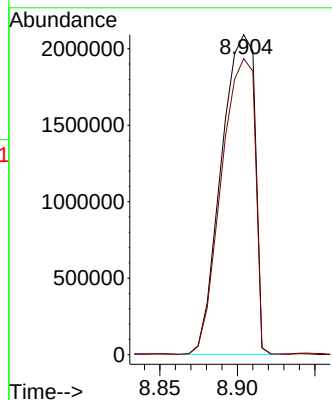
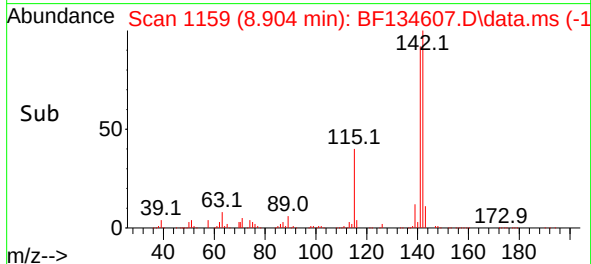
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



Tgt Ion:142 Resp: 315991  
Ion Ratio Lower Upper  
142 100  
141 92.5 71.4 107.2

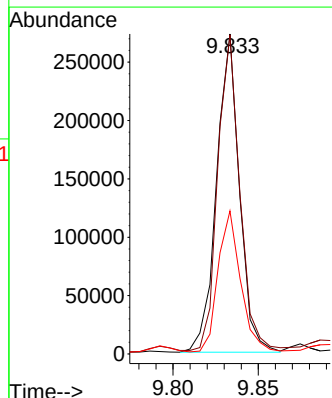
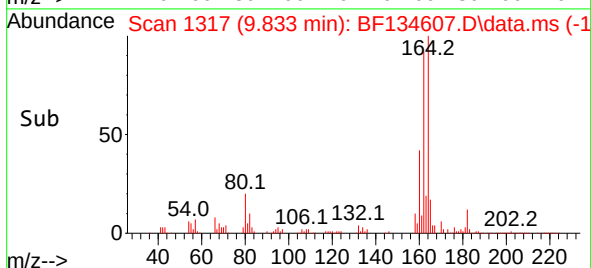
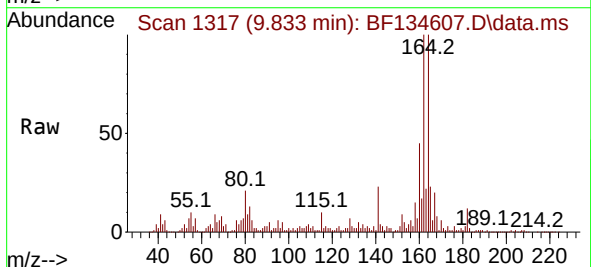
Manual Integrations  
APPROVED

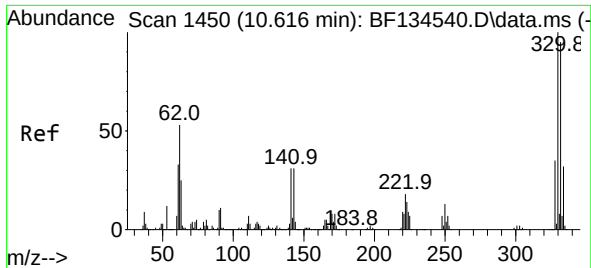
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

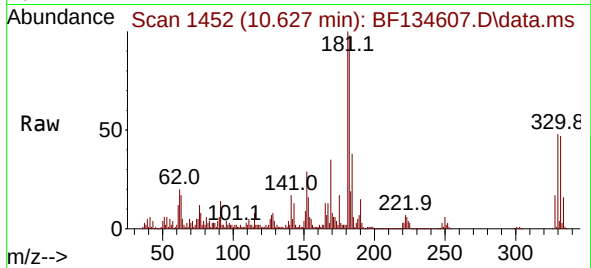
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Ion Ratio Lower Upper  
164 100  
162 99.8 82.6 123.8  
160 44.7 37.2 55.8





#42  
2,4,6-Tribromophenol  
Concen: 74.816 ng  
RT: 10.627 min Scan# 1450  
Delta R.T. 0.012 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

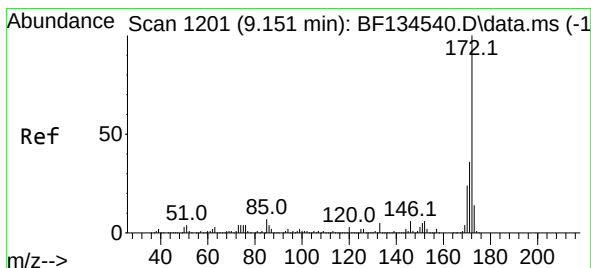
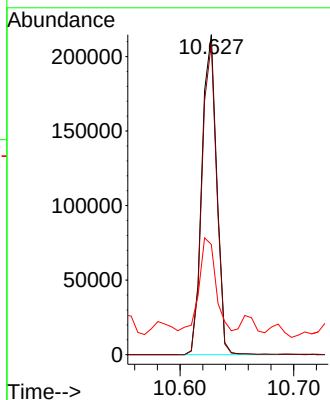
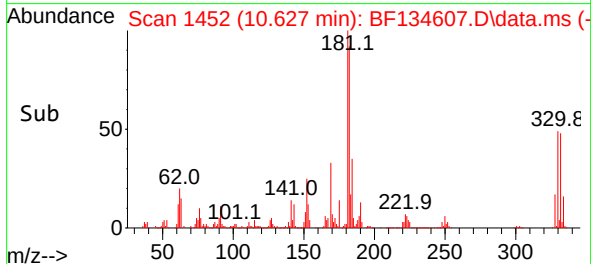
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



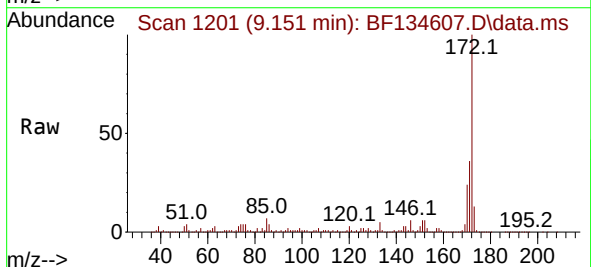
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Ion Ratio Lower Upper  
330 100  
332 96.6 78.8 118.2  
141 31.6 25.4 38.2

Manual Integrations  
APPROVED

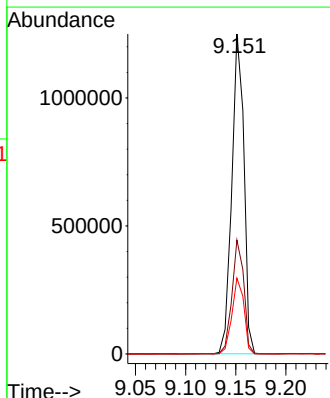
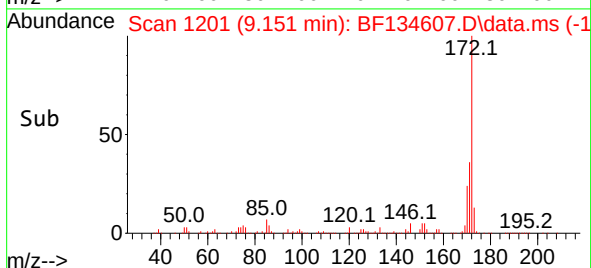
Reviewed By : Yogesh Patel 08/04/2023  
Supervised By : mohammad ahmed 08/04/2023



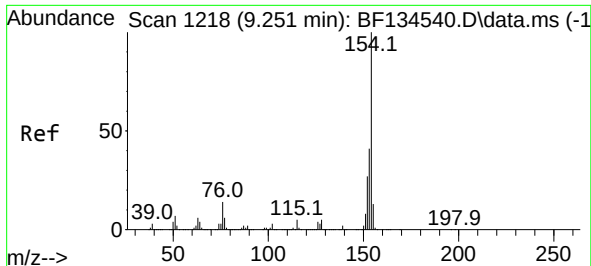
#45  
2-Fluorobiphenyl  
Concen: 68.638 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



Tgt Ion: 172 Resp: 1050610  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 23.7 18.7 28.1

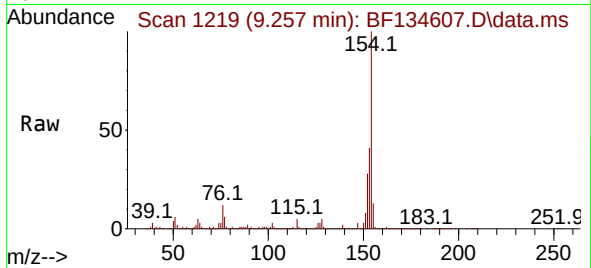






#46  
1,1'-Biphenyl  
Concen: 67.042 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. 0.006 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

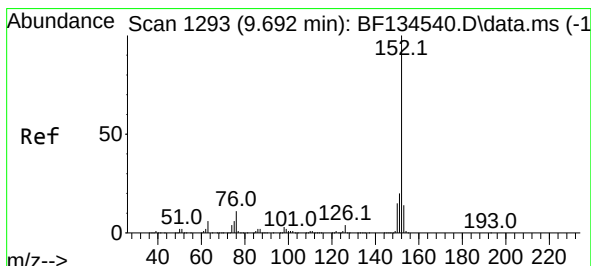
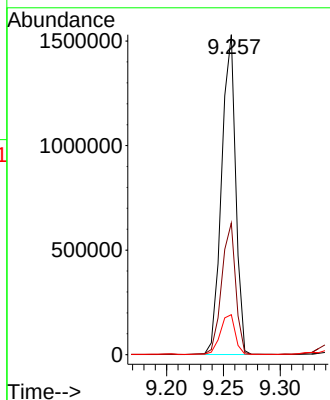
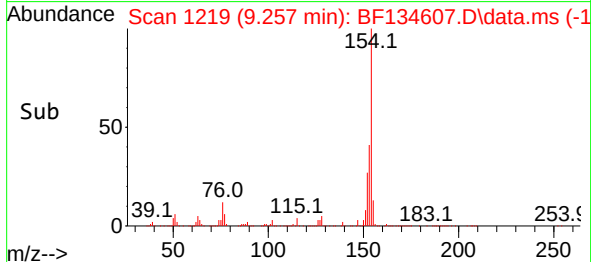
Instrument :  
BNA\_F  
Client Sample Id :  
BUILDING-A-12-(0-5)



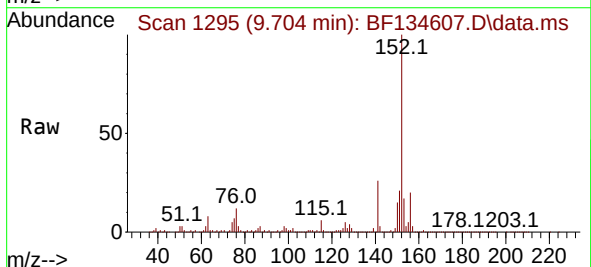
Tgt Ion:154 Resp: 132681  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.8 60.8  
76 12.5 0.0 30.2

Manual Integrations  
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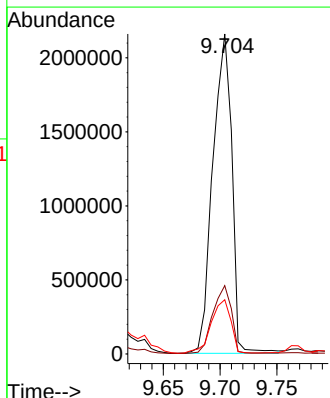
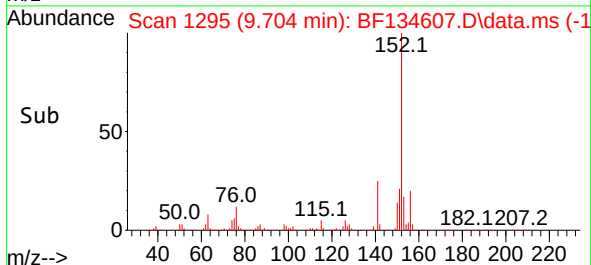
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

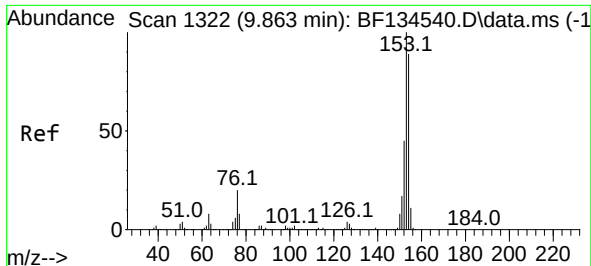


#49  
Acenaphthylene  
Concen: 107.789 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.012 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



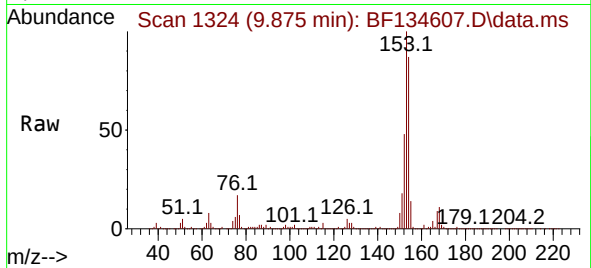
Tgt Ion:152 Resp: 2512561  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.4 24.6  
153 16.9 10.9 16.3





#52  
Acenaphthene  
Concen: 126.153 ng  
RT: 9.875 min Scan# 1322  
Delta R.T. 0.012 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

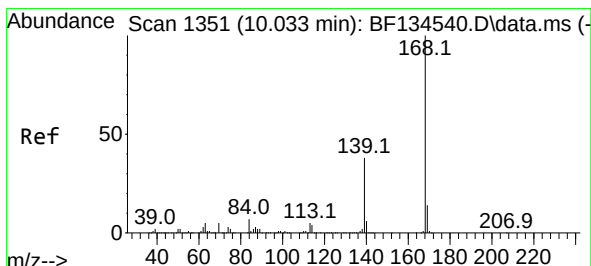
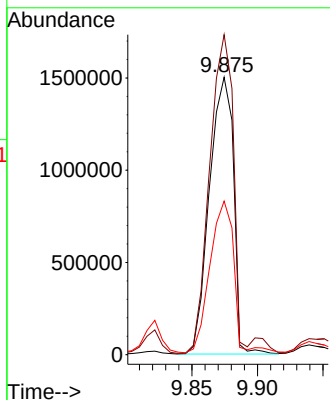
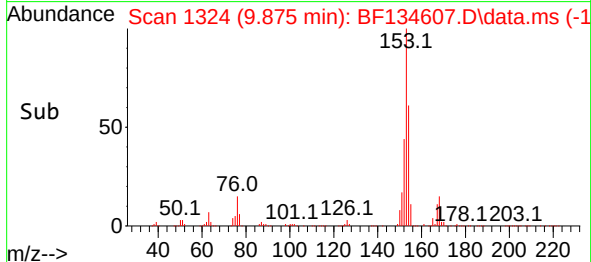
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



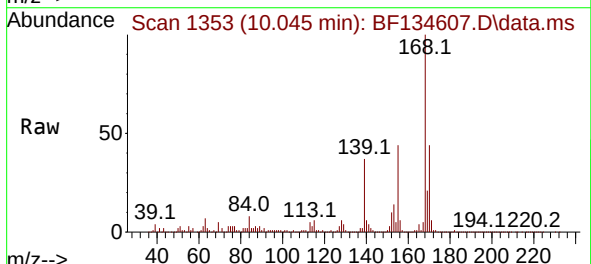
Tgt Ion:154 Resp: 190565  
Ion Ratio Lower Upper  
154 100  
153 115.4 90.0 135.0  
152 55.4 42.4 63.6

Manual Integrations  
APPROVED

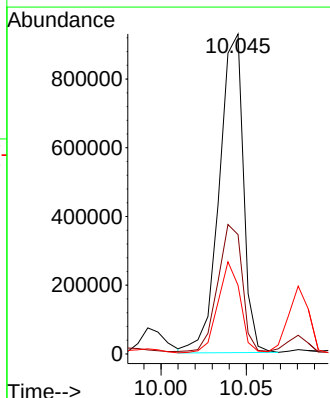
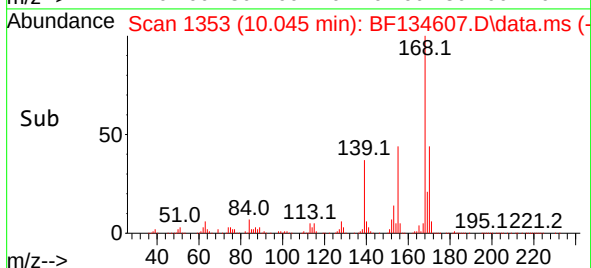
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

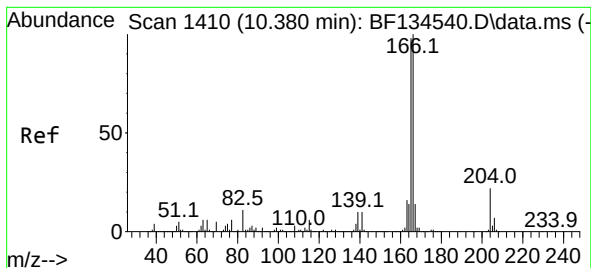


#55  
Dibenzofuran  
Concen: 42.528 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.012 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



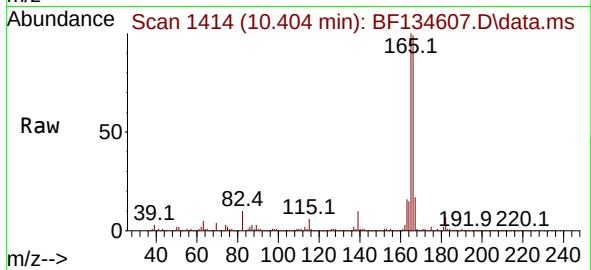
Tgt Ion:168 Resp: 914518  
Ion Ratio Lower Upper  
168 100  
139 37.3 33.4 50.2  
169 21.5 10.6 15.8#





#58  
Fluorene  
Concen: 199.507 ng  
RT: 10.404 min Scan# 1410  
Delta R.T. 0.024 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

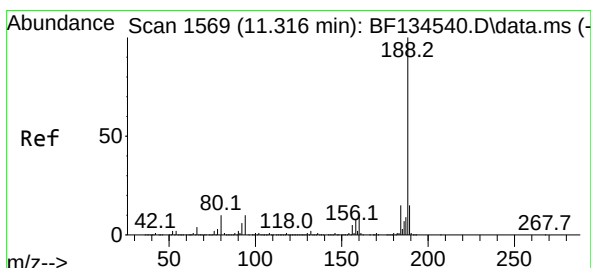
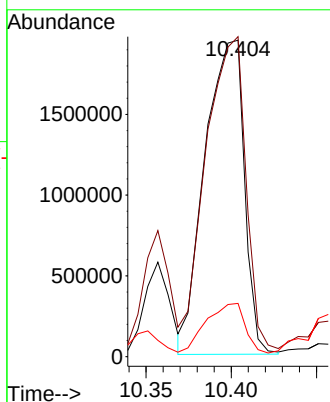
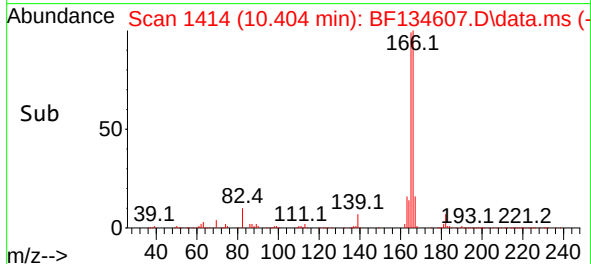
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



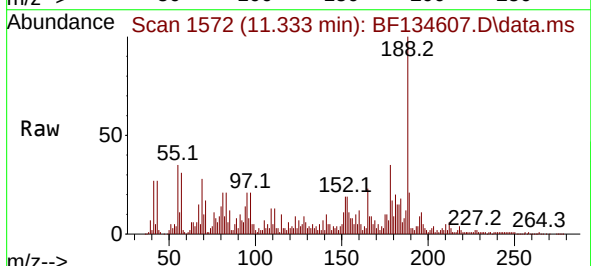
Tgt Ion:166 Resp: 3124928  
Ion Ratio Lower Upper  
166 100  
165 101.1 74.5 111.7  
167 16.9 10.6 16.0

Manual Integrations  
APPROVED

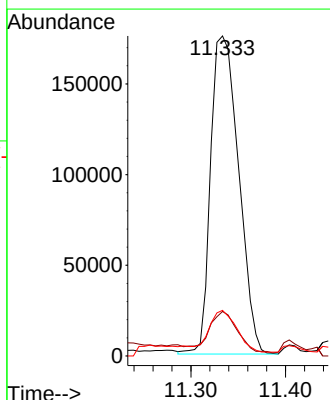
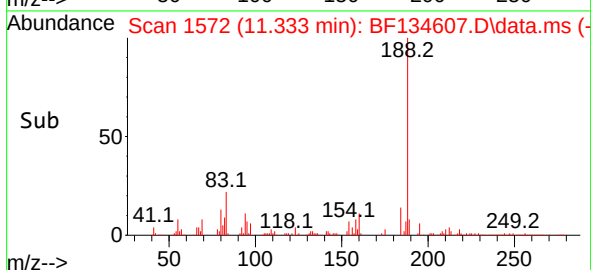
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

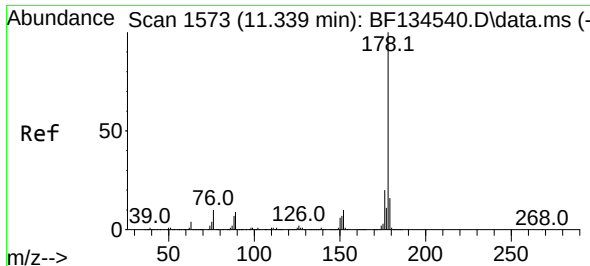


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.018 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



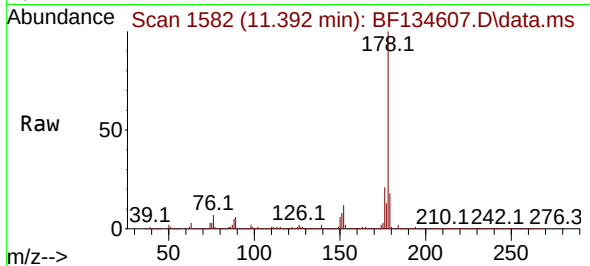
Tgt Ion:188 Resp: 361031  
Ion Ratio Lower Upper  
188 100  
94 13.9 5.1 7.7#  
80 14.3 6.6 9.8#





#71  
Phenanthrene  
Concen: 468.980 ng  
RT: 11.392 min Scan# 11392  
Delta R.T. 0.053 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

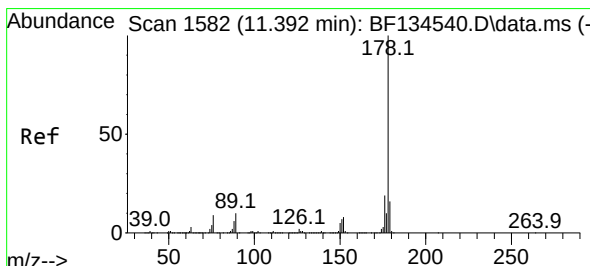
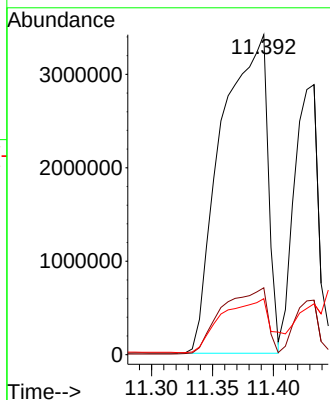
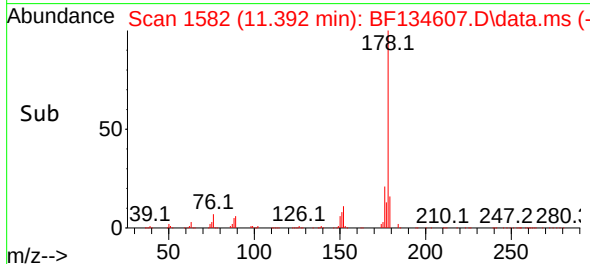
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



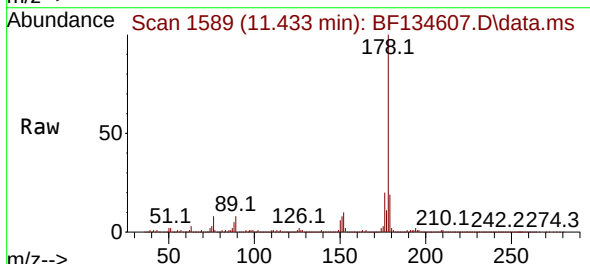
Tgt Ion:178 Resp: 8993380  
Ion Ratio Lower Upper  
178 100  
176 20.9 15.8 23.6  
179 17.5 12.7 19.1

Manual Integrations  
APPROVED

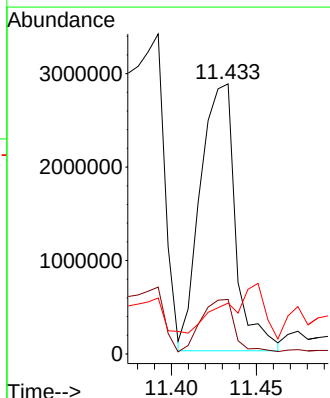
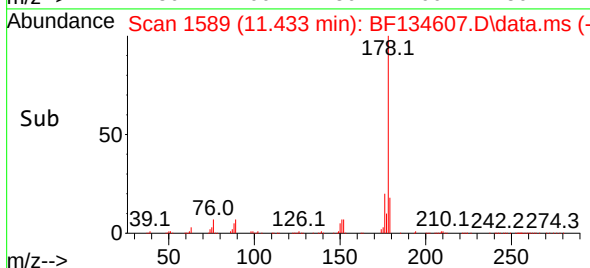
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

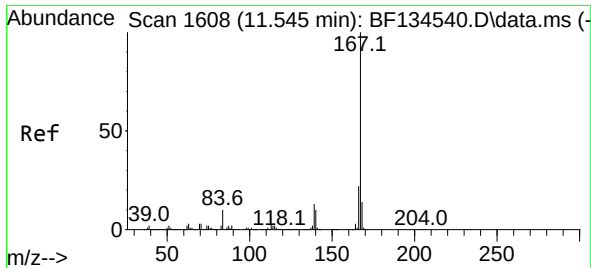


#72  
Anthracene  
Concen: 210.446 ng m  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.041 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



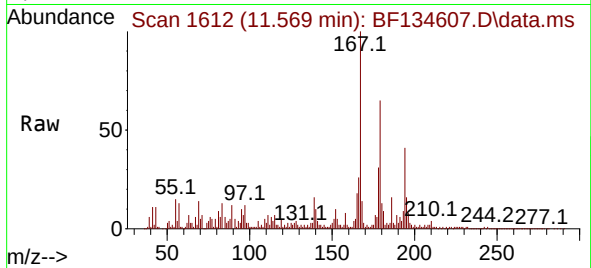
Tgt Ion:178 Resp: 4122180  
Ion Ratio Lower Upper  
178 100  
176 20.2 14.6 21.8  
179 18.9 12.3 18.5#





#73  
 Carbazole  
 Concen: 25.919 ng  
 RT: 11.569 min Scan# 1612  
 Delta R.T. 0.024 min  
 Lab File: BF134607.D  
 Acq: 03 Aug 2023 13:02

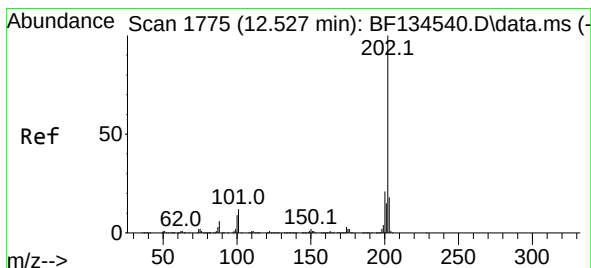
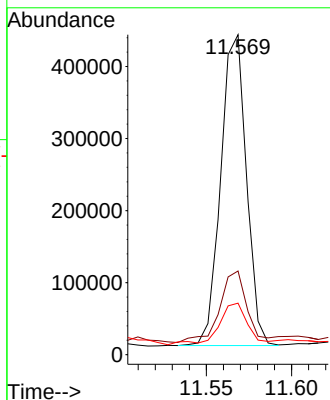
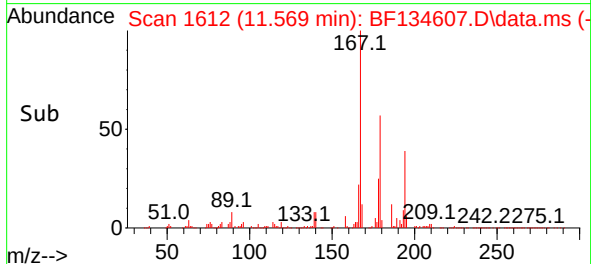
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-12-(0-5)



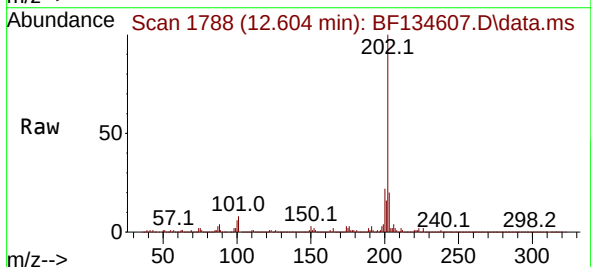
Tgt Ion:167 Resp: 453310  
 Ion Ratio Lower Upper  
 167 100  
 166 26.2 17.5 26.3  
 139 16.1 11.0 16.4

Manual Integrations  
 APPROVED

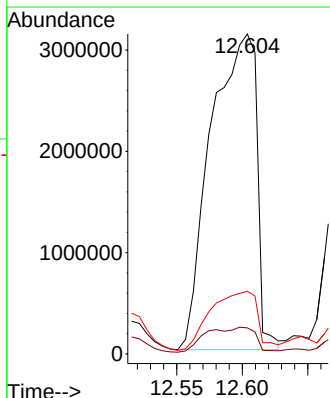
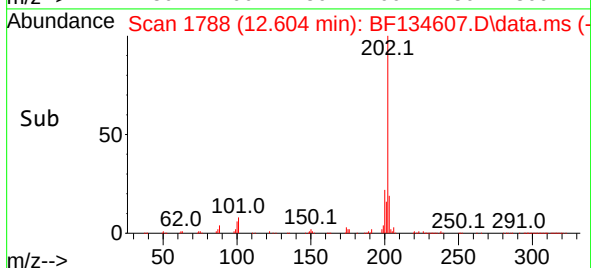
Reviewed By :Yogesh Patel 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023

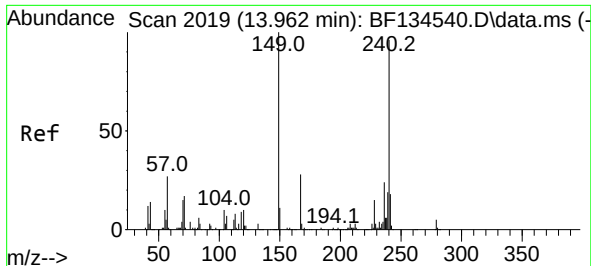


#75  
 Fluoranthene  
 Concen: 374.712 ng  
 RT: 12.604 min Scan# 1788  
 Delta R.T. 0.077 min  
 Lab File: BF134607.D  
 Acq: 03 Aug 2023 13:02



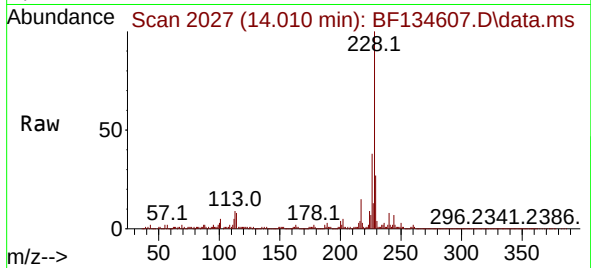
Tgt Ion:202 Resp: 7590311  
 Ion Ratio Lower Upper  
 202 100  
 101 8.2 0.0 28.5  
 203 19.6 0.0 37.5





#76  
Chrysene-d12  
Concen: 20.000 ng m  
RT: 14.010 min Scan# 2019  
Delta R.T. 0.047 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

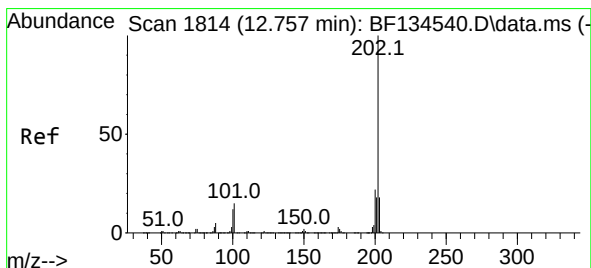
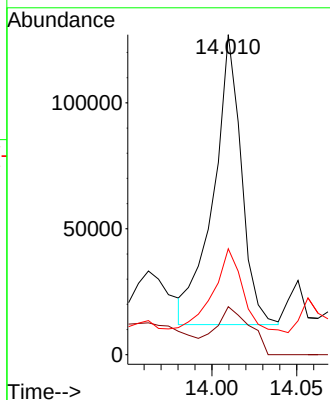
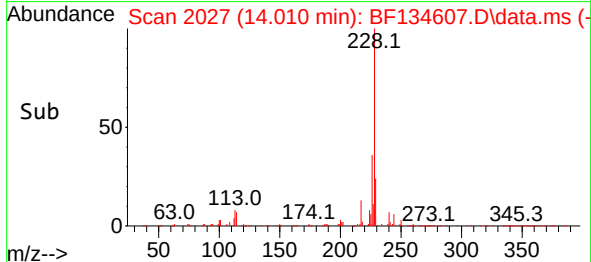
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



Tgt Ion:240 Resp: 13173  
Ion Ratio Lower Upper  
240 100  
120 15.0 6.6 10.0  
236 33.1 20.2 30.2

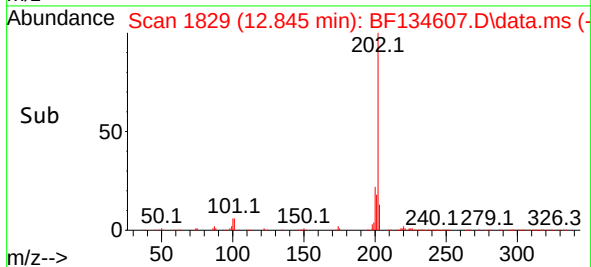
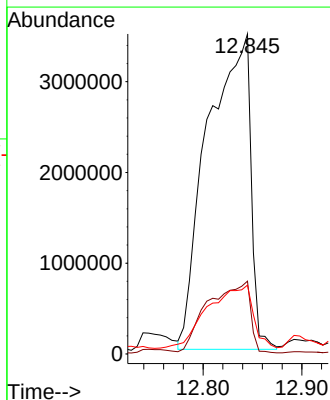
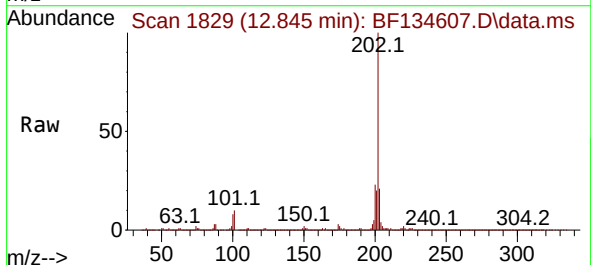
Manual Integrations  
APPROVED

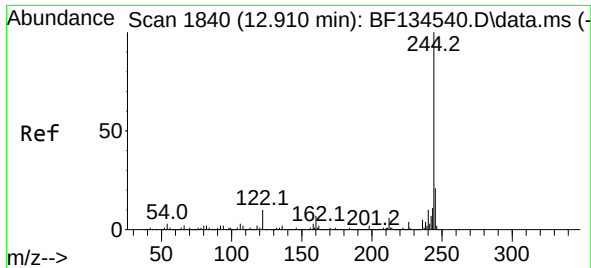
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#78  
Pyrene  
Concen: 921.728 ng m  
RT: 12.845 min Scan# 1829  
Delta R.T. 0.088 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

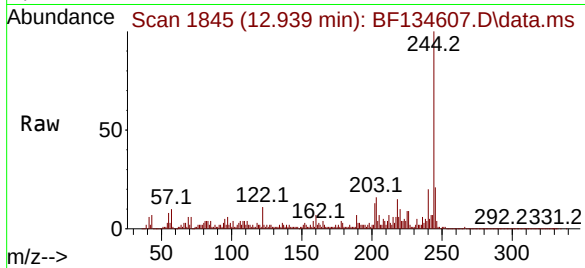
Tgt Ion:202 Resp:10506660  
Ion Ratio Lower Upper  
202 100  
200 22.8 15.8 23.8  
203 21.5 13.5 20.3





#79  
 Terphenyl-d14  
 Concen: 117.637 ng  
 RT: 12.939 min Scan# 11  
 Delta R.T. 0.030 min  
 Lab File: BF134607.D  
 Acq: 03 Aug 2023 13:02

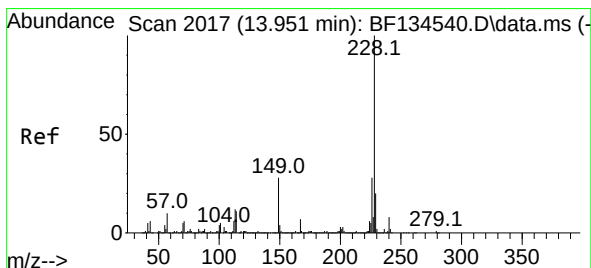
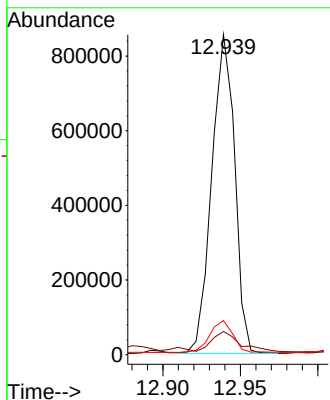
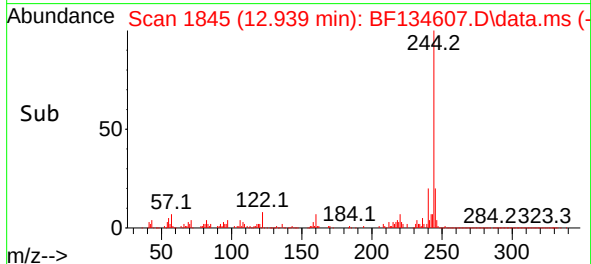
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-12-(0-5)



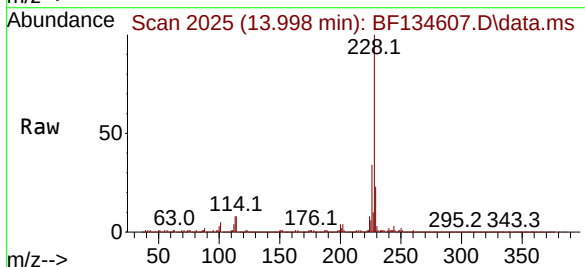
Tgt Ion:244 Resp: 879050  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.6 8.4  
 122 10.7 8.0 12.0

Manual Integrations  
 APPROVED

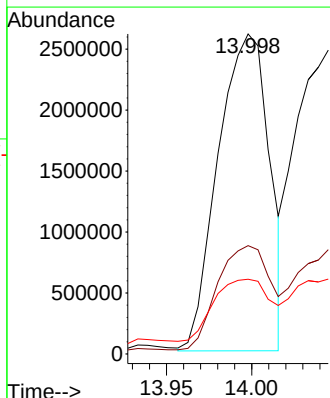
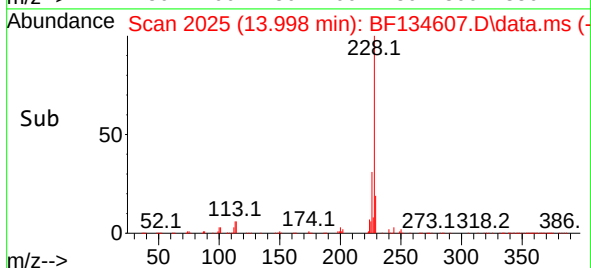
Reviewed By :Yogesh Patel 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023

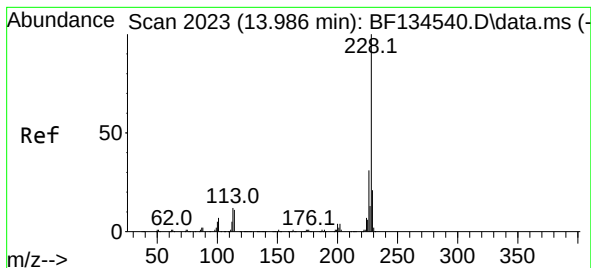


#81  
 Benzo(a)anthracene  
 Concen: 577.707 ng  
 RT: 13.998 min Scan# 2025  
 Delta R.T. 0.047 min  
 Lab File: BF134607.D  
 Acq: 03 Aug 2023 13:02



Tgt Ion:228 Resp: 5441649  
 Ion Ratio Lower Upper  
 228 100  
 226 33.9 22.3 33.5#  
 229 23.4 15.8 23.6





#83

Chrysene

Concen: 479.123 ng m

RT: 14.045 min Scan# 20

Delta R.T. 0.059 min

Lab File: BF134607.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

BUILDING-A-12-(0-5)

Tgt Ion:228 Resp: 4396890

Ion Ratio Lower Upper

228 100

226 34.3 24.5 36.7

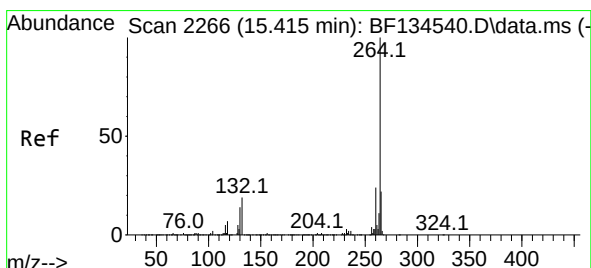
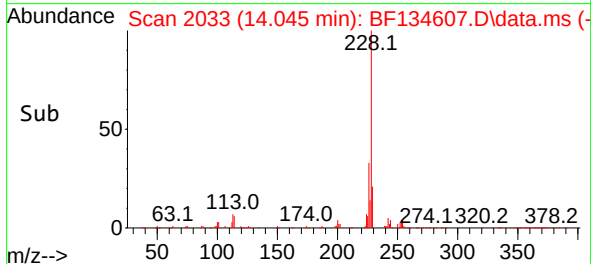
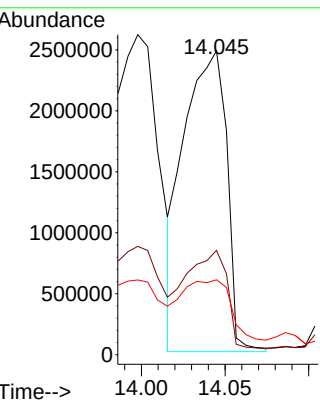
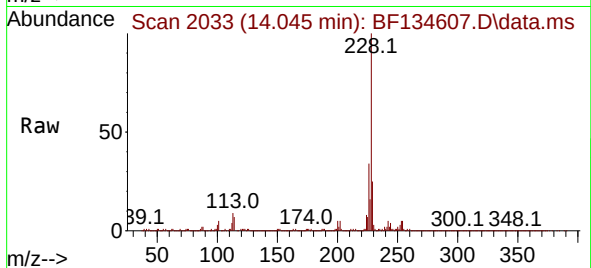
229 24.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#86

Perylene-d12

Concen: 20.000 ng m

RT: 15.480 min Scan# 2277

Delta R.T. 0.065 min

Lab File: BF134607.D

Acq: 03 Aug 2023 13:02

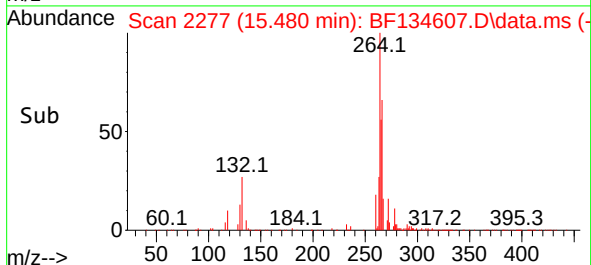
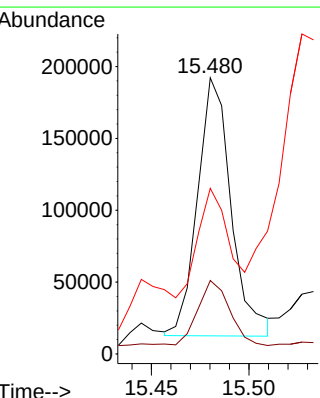
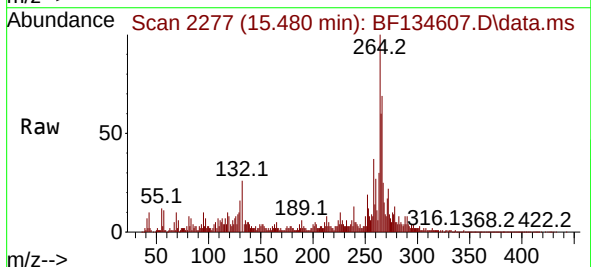
Tgt Ion:264 Resp: 215469

Ion Ratio Lower Upper

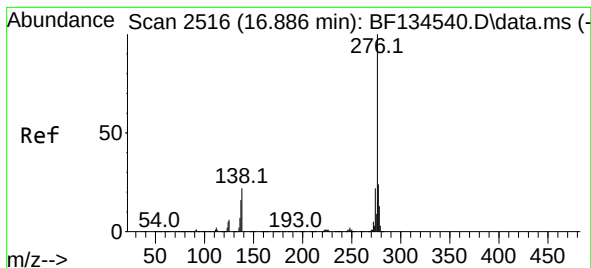
264 100

260 26.6 18.4 27.6

265 60.0 15.8 23.8







#87

Indeno(1,2,3-cd)pyrene

Concen: 179.957 ng m

RT: 16.998 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF134607.D

Acq: 03 Aug 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

BUILDING-A-12-(0-5)

Tgt Ion:276 Resp: 228045

Ion Ratio Lower Upper

276 100

138 1.4 14.2 21.4

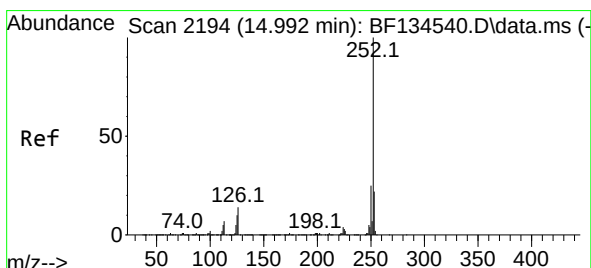
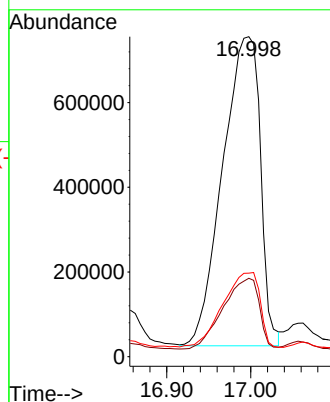
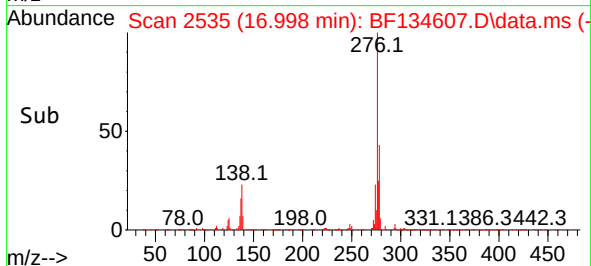
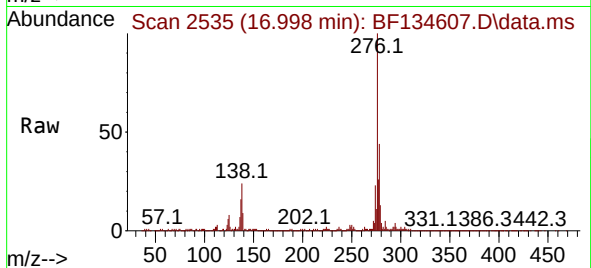
277 2.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#88

Benzo(b)fluoranthene

Concen: 351.048 ng m

RT: 15.062 min Scan# 2206

Delta R.T. 0.071 min

Lab File: BF134607.D

Acq: 03 Aug 2023 13:02

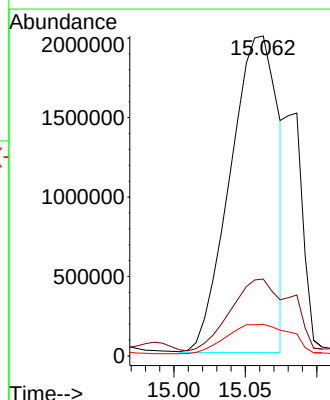
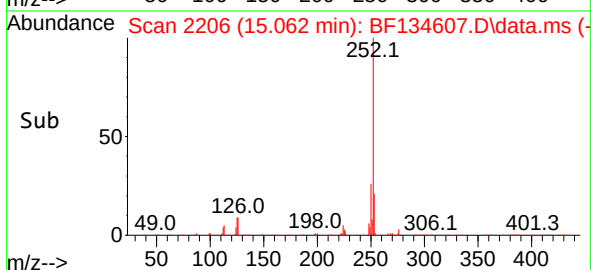
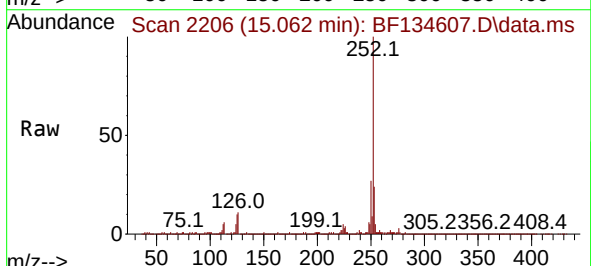
Tgt Ion:252 Resp: 4613200

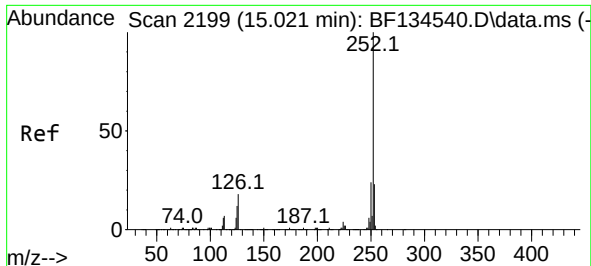
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

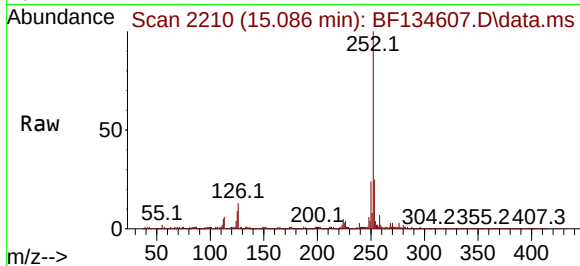
125 9.9 6.0 9.0





#89  
Benzo(k)fluoranthene  
Concen: 102.444 ng m  
RT: 15.086 min Scan# 2199  
Delta R.T. 0.065 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

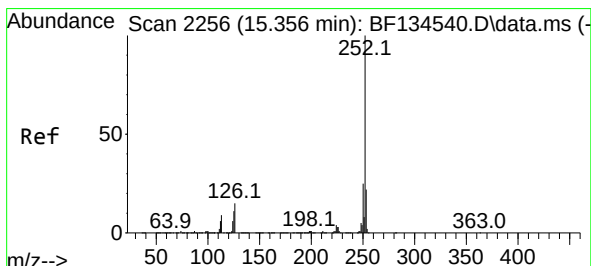
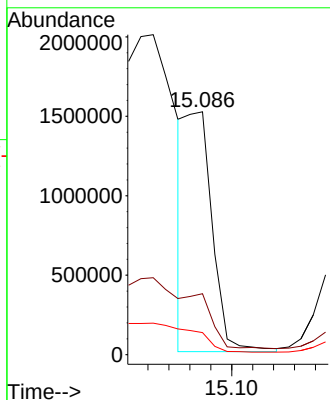
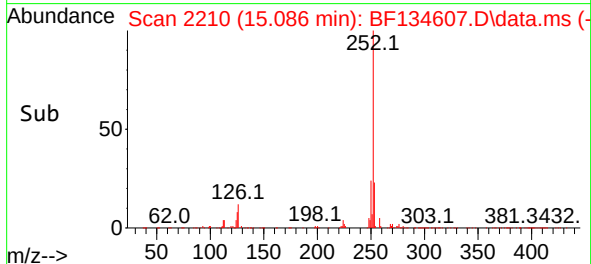
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)



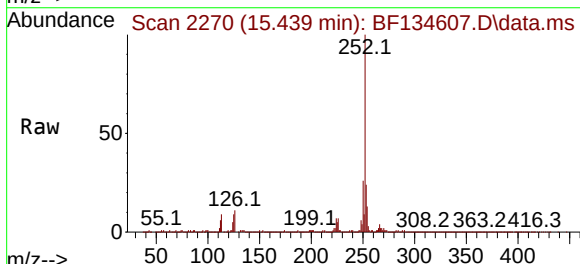
Tgt Ion:252 Resp: 1341078  
Ion Ratio Lower Upper  
252 100  
253 25.1 17.9 26.9  
125 9.1 6.3 9.5

Manual Integrations  
APPROVED

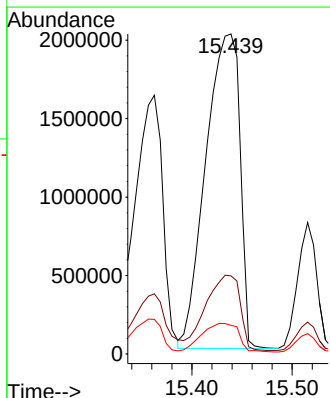
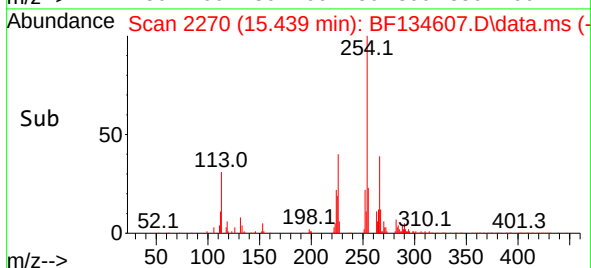
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

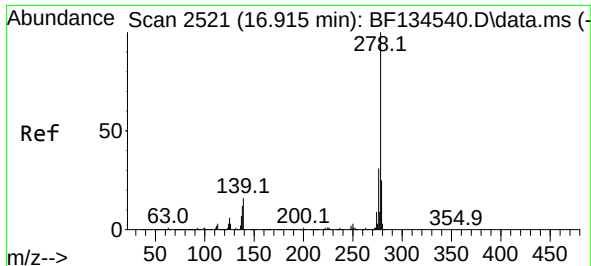


#90  
Benzo(a)pyrene  
Concen: 387.903 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.082 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02



Tgt Ion:252 Resp: 4752836  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.0 25.4  
125 8.9 6.2 9.4





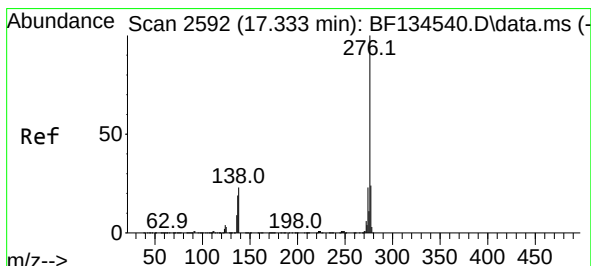
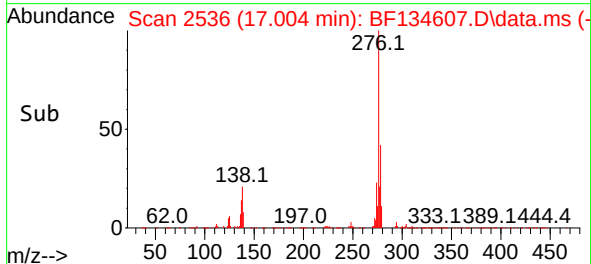
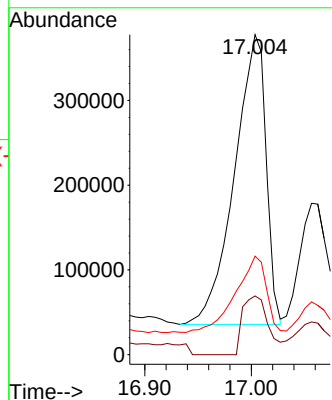
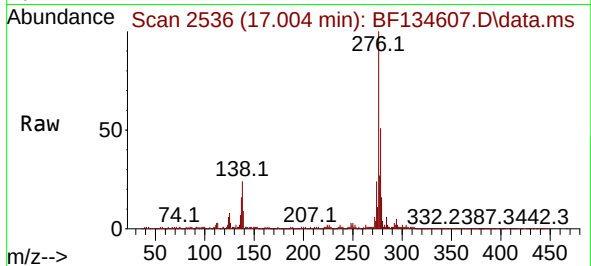
#91  
Dibenzo(a,h)anthracene  
Concen: 68.686 ng  
RT: 17.004 min Scan# 21  
Delta R.T. 0.088 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-12-(0-5)

Tgt Ion:278 Resp: 703424  
Ion Ratio Lower Upper  
278 100  
139 18.4 10.0 15.0  
279 30.8 19.7 29.5

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#92  
Benzo(g,h,i)perylene  
Concen: 239.095 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.130 min  
Lab File: BF134607.D  
Acq: 03 Aug 2023 13:02

Tgt Ion:276 Resp: 2497750  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.0 28.6  
138 22.3 12.2 18.2

