

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080423\  
 Data File : BF134639.D  
 Acq On : 04 Aug 2023 18:35  
 Operator : CG\JU  
 Sample : 03775-03DL 25X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-8-(0-5)DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023  
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 00:08:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

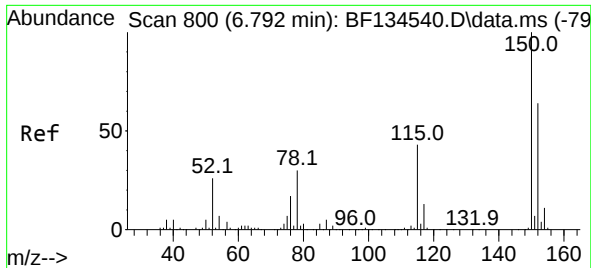
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 151471   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 541203   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.828  | 164  | 215793   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.322 | 188  | 365249   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.974 | 240  | 350191   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.439 | 264  | 262940   | 20.000  | ng    | # 0.00   |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 17134    | 1.719   | ng    | -0.01    |
| 7) Phenol-d6                | 6.422  | 99   | 21975    | 1.725   | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 13231    | 1.528   | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 2214     | 1.006   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 24335    | 1.875   | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.910 | 244  | 28815    | 1.451   | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.116  | 128  | 5028440  | 184.870 | ng    | 97       |
| 37) 2-Methylnaphthalene     | 8.798  | 142  | 2051748  | 113.802 | ng    | 100      |
| 38) 1-Methylnaphthalene     | 8.892  | 142  | 1502733  | 89.635  | ng    | 97       |
| 46) 1,1'-Biphenyl           | 9.251  | 154  | 602274   | 35.891  | ng    | 98       |
| 49) Acenaphthylene          | 9.692  | 152  | 1147848  | 58.076  | ng    | 97       |
| 52) Acenaphthene            | 9.863  | 154  | 122917   | 9.597   | ng    | 98       |
| 55) Dibenzofuran            | 10.034 | 168  | 107882   | 5.917   | ng    | # 82     |
| 58) Fluorene                | 10.381 | 166  | 800214   | 60.253  | ng    | 95       |
| 71) Phenanthrene            | 11.357 | 178  | 2906036  | 149.791 | ng    | 99       |
| 72) Anthracene              | 11.398 | 178  | 911909   | 46.017  | ng    | 99       |
| 73) Carbazole               | 11.551 | 167  | 65353    | 3.694   | ng    | 97       |
| 75) Fluoranthene            | 12.539 | 202  | 1464998  | 71.488  | ng    | 95       |
| 78) Pyrene                  | 12.775 | 202  | 2415909  | 79.726  | ng    | 96       |
| 81) Benzo(a)anthracene      | 13.963 | 228  | 1109122m | 44.293  | ng    |          |
| 83) Chrysene                | 13.998 | 228  | 930044   | 38.123  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.915 | 276  | 185432   | 11.991  | ng    | # 94     |
| 88) Benzo(b)fluoranthene    | 15.016 | 252  | 539345m  | 33.632  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.027 | 252  | 175162m  | 10.965  | ng    |          |
| 90) Benzo(a)pyrene          | 15.374 | 252  | 590554   | 39.496  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene  | 16.927 | 278  | 59599    | 4.769   | ng    | # 88     |
| 92) Benzo(g,h,i)perylene    | 17.368 | 276  | 208697   | 16.371  | ng    | # 91     |
| -----                       |        |      |          |         |       |          |

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

## Manual Integrations

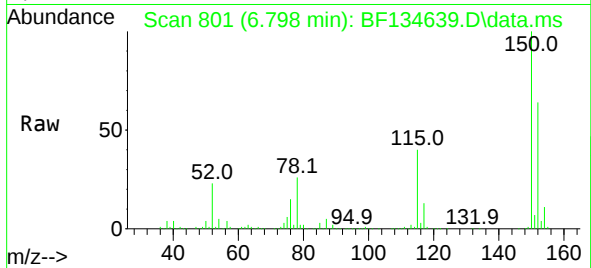
Quant Time: Aug 05 00:08:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 04 09:29:15 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

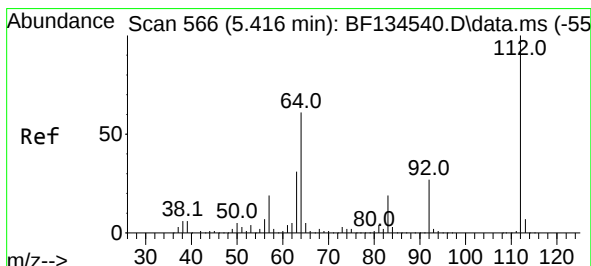
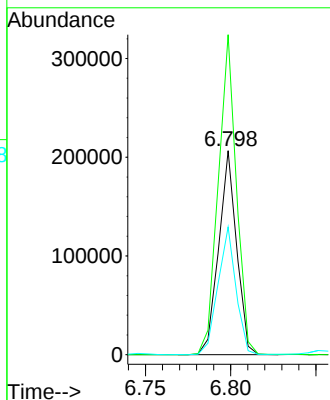
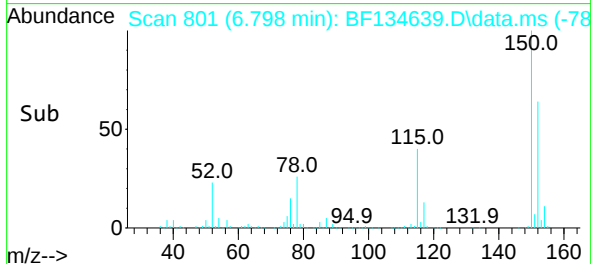
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



Tgt Ion:152 Resp: 15147  
Ion Ratio Lower Upper  
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150 156.9 128.3 192.5  
115 62.6 52.4 78.6

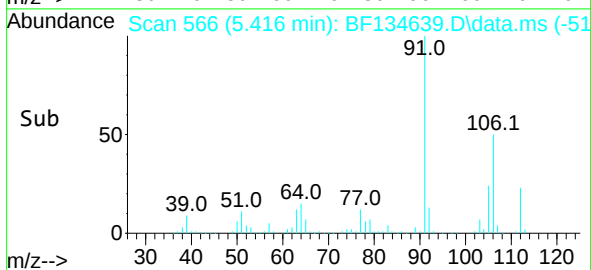
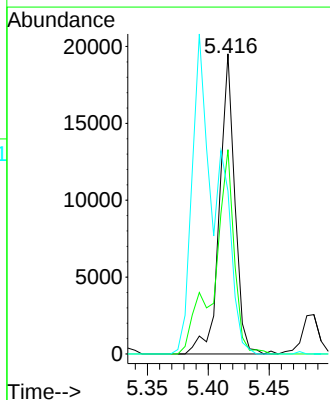
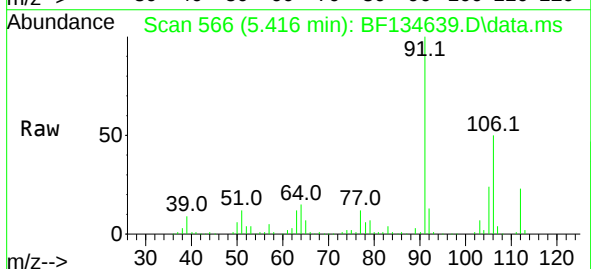
Manual Integrations  
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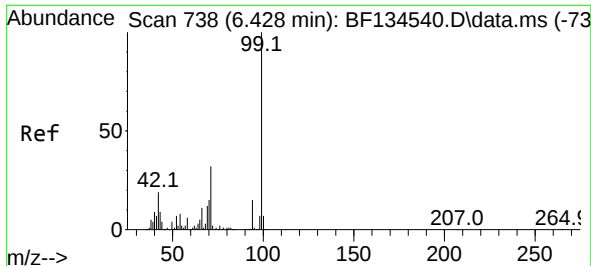
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#5  
2-Fluorophenol  
Concen: 1.719 ng  
RT: 5.416 min Scan# 566  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

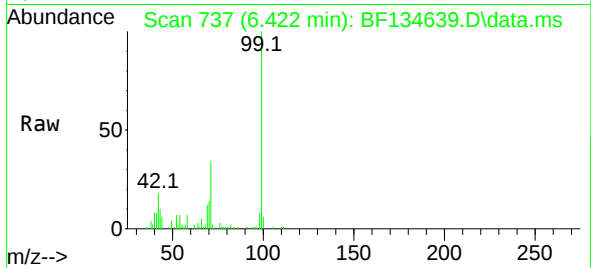
Tgt Ion:112 Resp: 17134  
Ion Ratio Lower Upper  
112 100  
64 68.1 44.9 67.3#  
63 54.2 25.4 38.0#





#7  
Phenol-d6  
Concen: 1.725 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

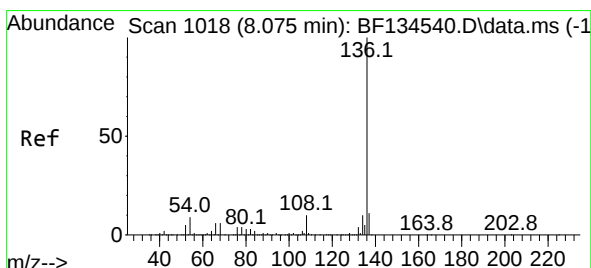
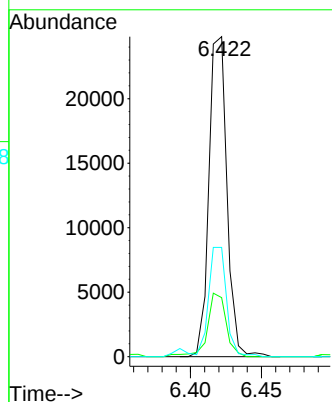
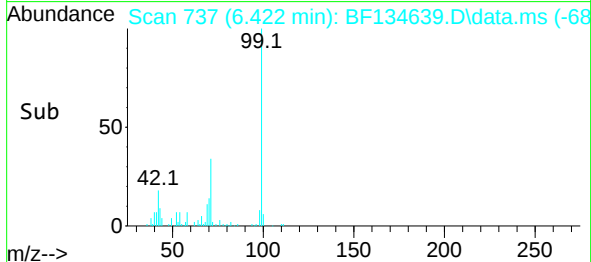
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



Tgt Ion: 99 Resp: 2197  
Ion Ratio Lower Upper  
99 100  
42 18.5 18.7 28.1  
71 34.1 36.4 54.6

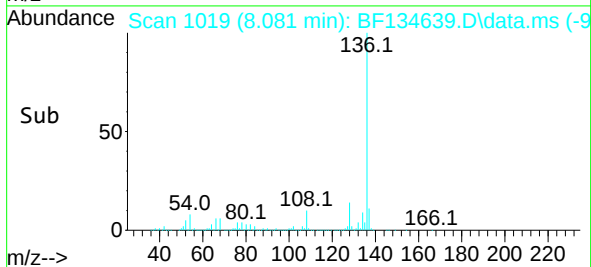
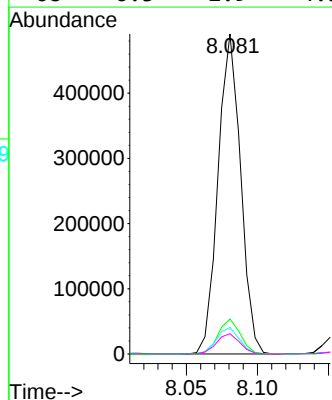
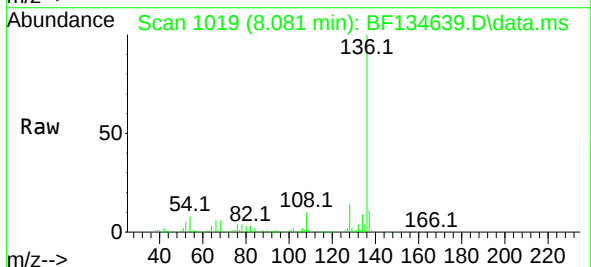
Manual Integrations  
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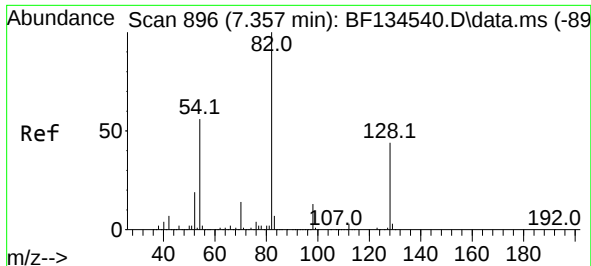
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

Tgt Ion:136 Resp: 541203  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 8.3 5.2 7.8#  
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 1.528 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF134639.D

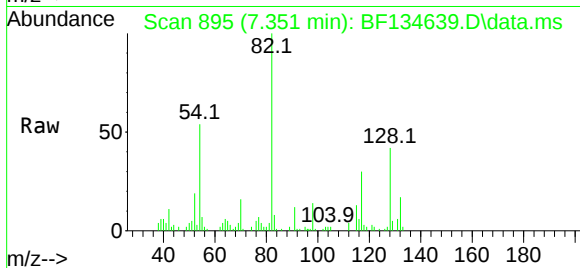
Acq: 04 Aug 2023 18:35

Instrument :

BNA\_F

ClientSampleId :

BUILDING-A-8-(0-5)DL



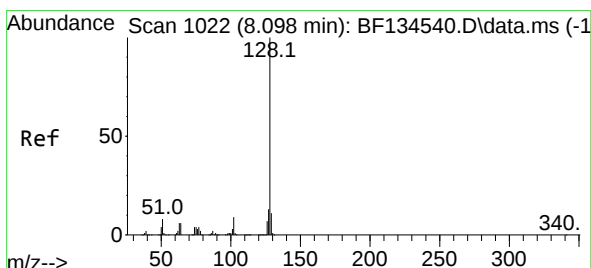
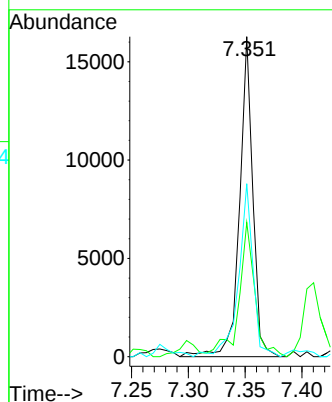
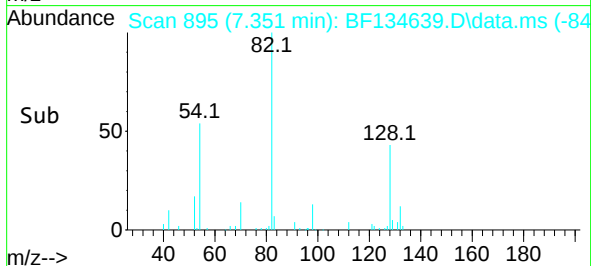
|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 1323     |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 128         | 42.0 34.3 51.5 |
| 54          | 54.0 43.8 65.6 |

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#31

Naphthalene

Concen: 184.870 ng

RT: 8.116 min Scan# 1025

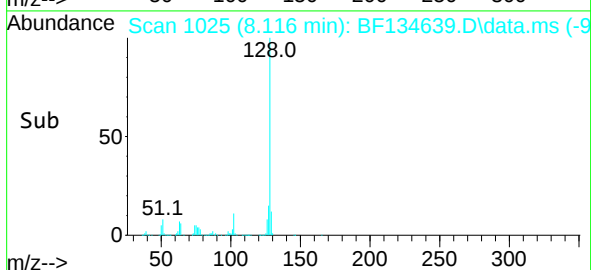
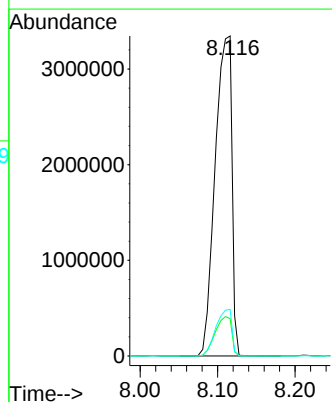
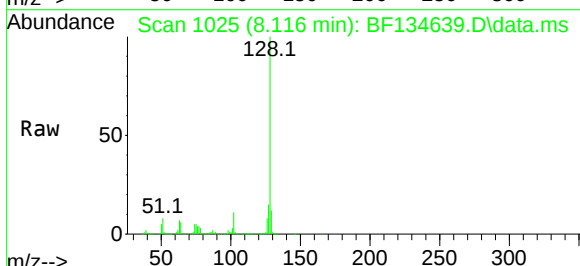
Delta R.T. 0.012 min

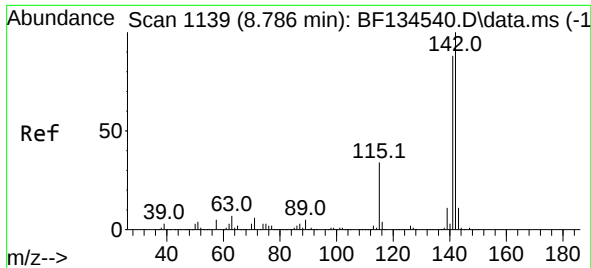
Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

Tgt Ion:128 Resp: 5028440

|           |                |
|-----------|----------------|
| Ion Ratio | Lower Upper    |
| 128       | 100            |
| 129       | 11.7 8.4 12.6  |
| 127       | 14.6 10.7 16.1 |





#37

2-Methylnaphthalene

Concen: 113.802 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

Instrument :

BNA\_F

ClientSampleId :

BUILDING-A-8-(0-5)DL

Tgt Ion:142 Resp: 205174

Ion Ratio Lower Upper

142 100

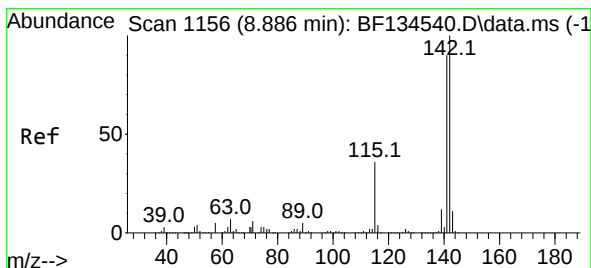
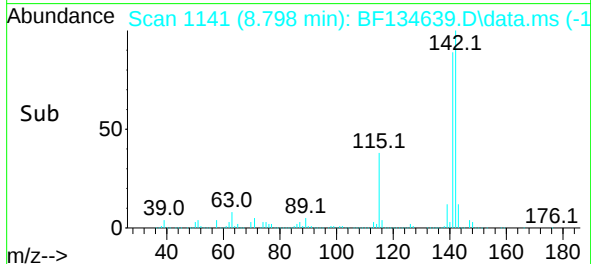
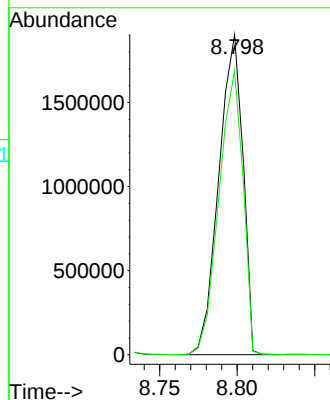
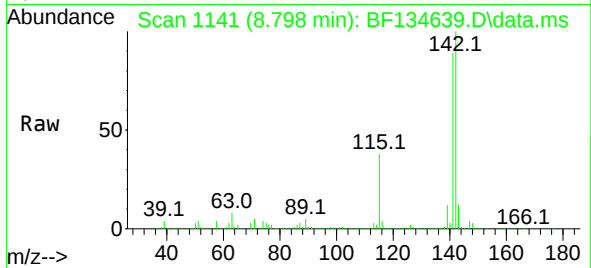
141 88.8 70.8 106.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#38

1-Methylnaphthalene

Concen: 89.635 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF134639.D

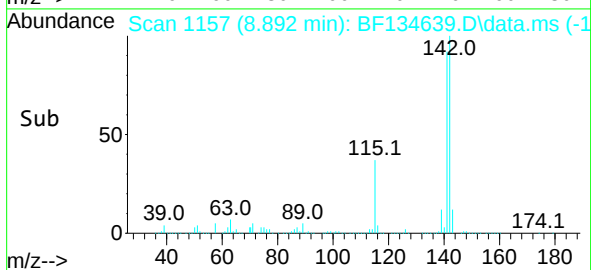
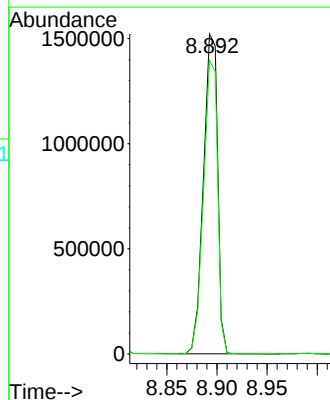
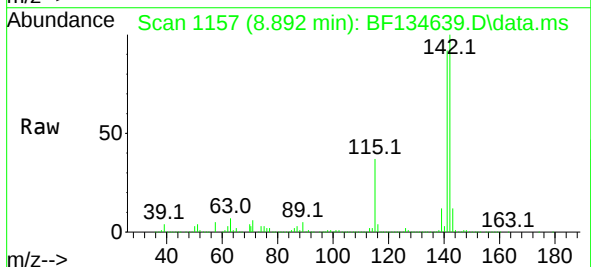
Acq: 04 Aug 2023 18:35

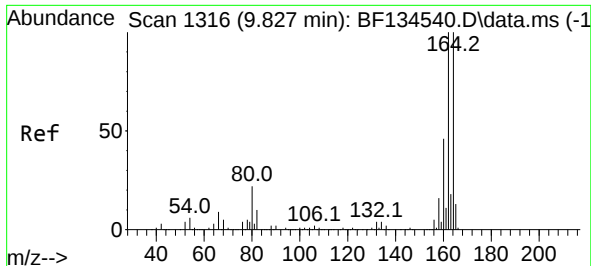
Tgt Ion:142 Resp: 1502733

Ion Ratio Lower Upper

142 100

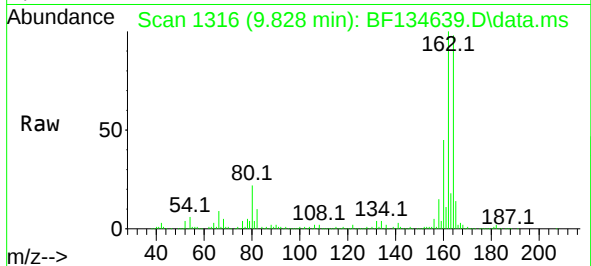
141 91.8 71.4 107.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

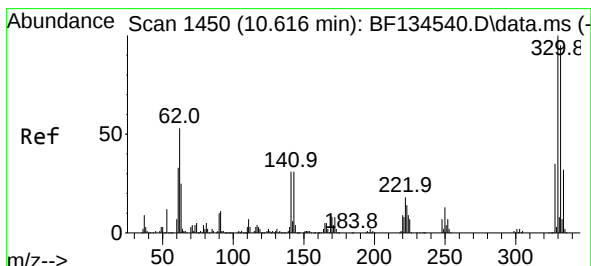
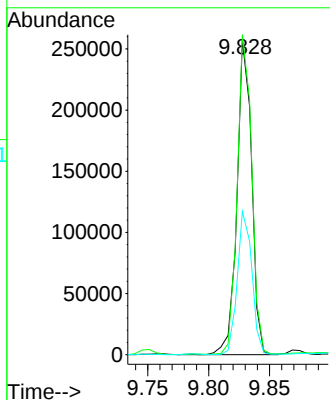
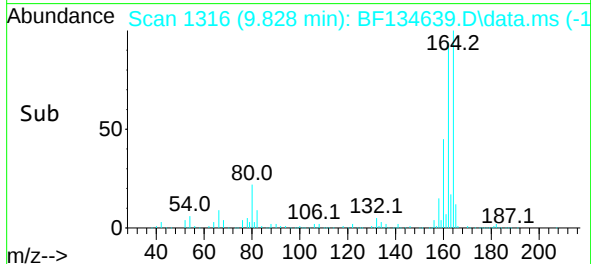
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



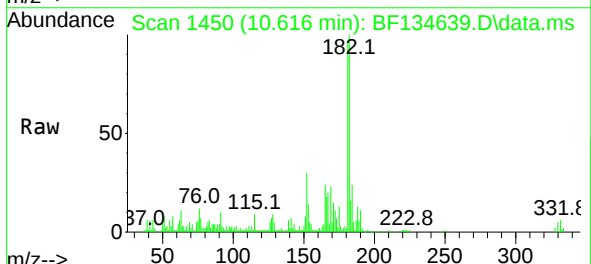
Tgt Ion:164 Resp: 21579  
Ion Ratio Lower Upper  
164 100  
162 101.7 82.6 123.8  
160 45.6 37.2 55.8

Manual Integrations  
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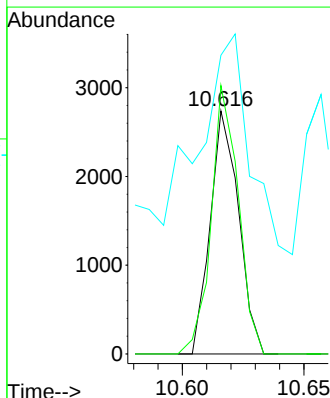
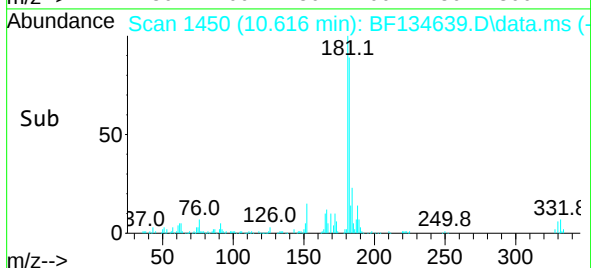
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

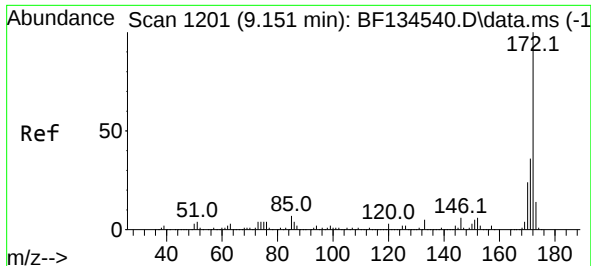


#42  
2,4,6-Tribromophenol  
Concen: 1.006 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35



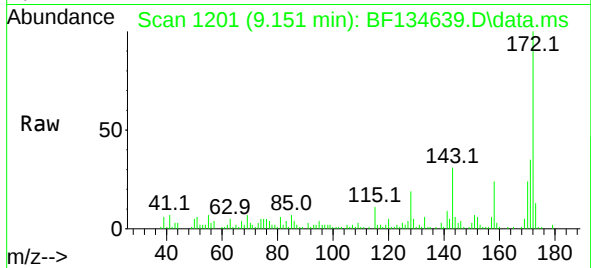
Tgt Ion:330 Resp: 2214  
Ion Ratio Lower Upper  
330 100  
332 106.0 78.8 118.2  
141 159.9 25.4 38.2#





#45  
2-Fluorobiphenyl  
Concen: 1.875 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

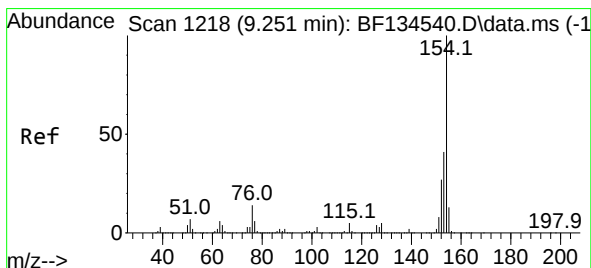
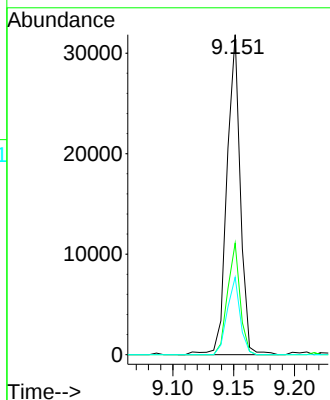
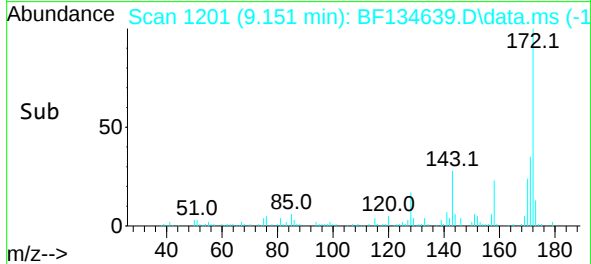
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



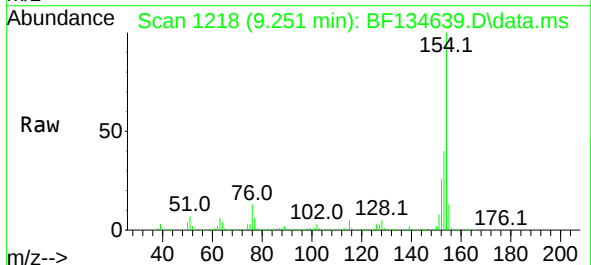
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Ion Ratio Lower Upper  
172 100  
171 34.8 28.8 43.2  
170 24.2 18.7 28.1

Manual Integrations  
APPROVED

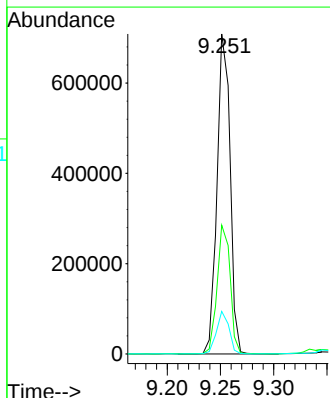
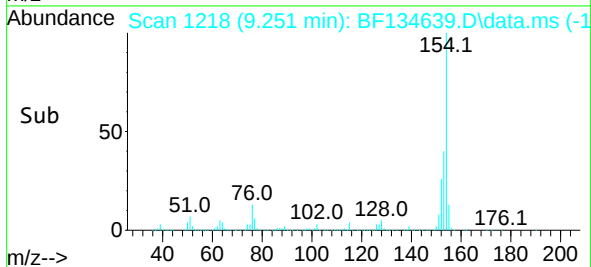
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

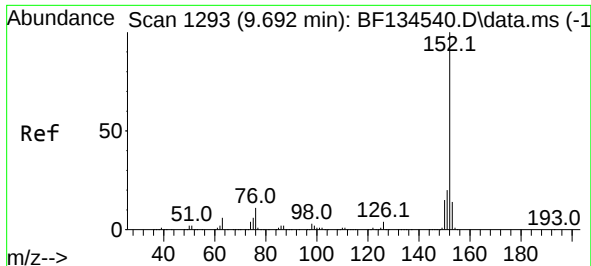


#46  
1,1'-Biphenyl  
Concen: 35.891 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35



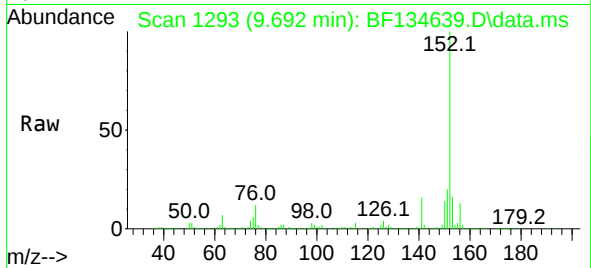
Tgt Ion:154 Resp: 602274  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.8 60.8  
76 13.3 0.0 30.2





#49  
Acenaphthylene  
Concen: 58.076 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

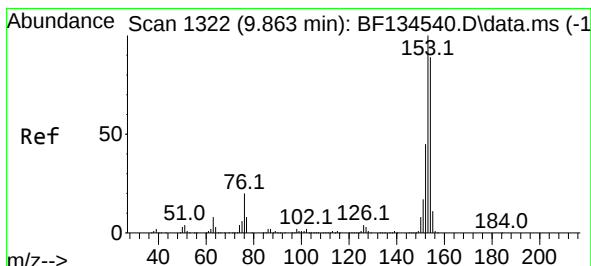
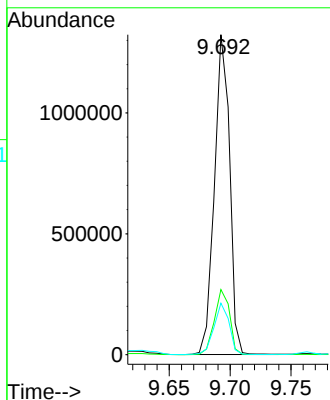
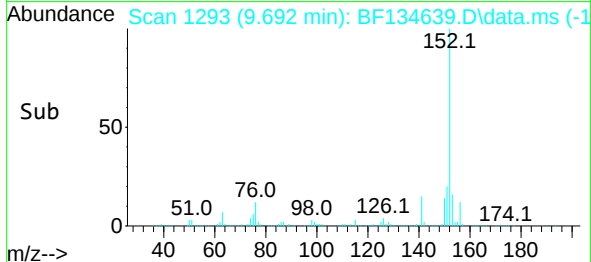
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



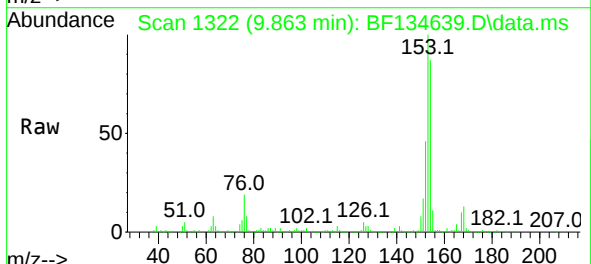
Tgt Ion:152 Resp: 114784  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 16.1 10.9 16.3

Manual Integrations  
APPROVED

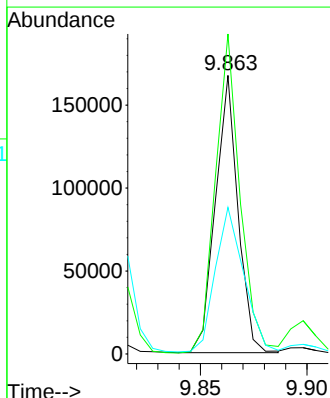
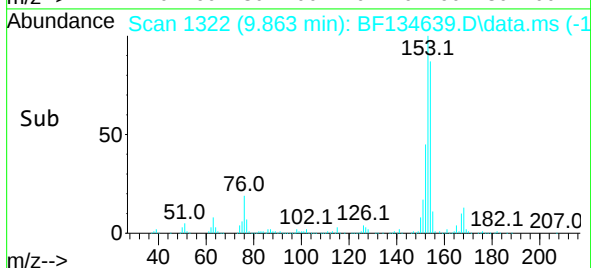
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

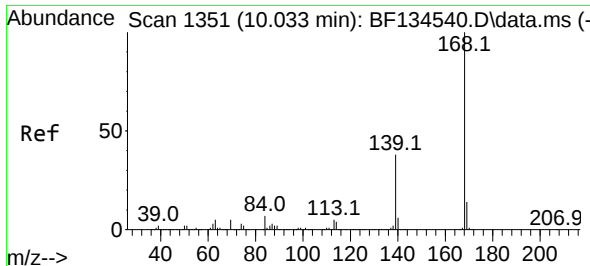


#52  
Acenaphthene  
Concen: 9.597 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35



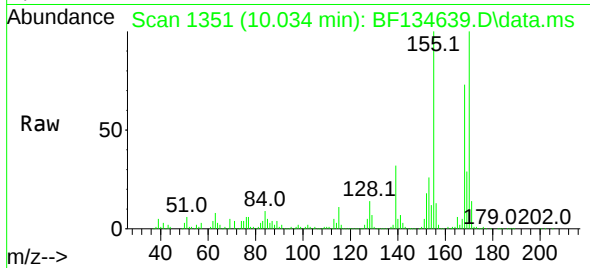
Tgt Ion:154 Resp: 122917  
Ion Ratio Lower Upper  
154 100  
153 114.9 90.0 135.0  
152 52.6 42.4 63.6





#55  
Dibenzofuran  
Concen: 5.917 ng  
RT: 10.034 min Scan# 1351  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

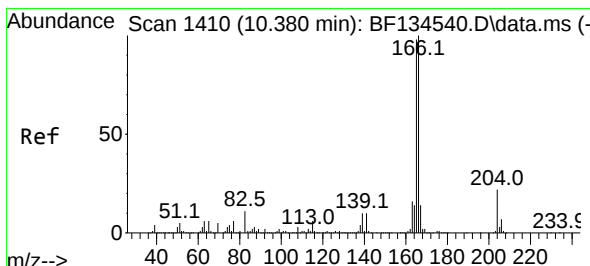
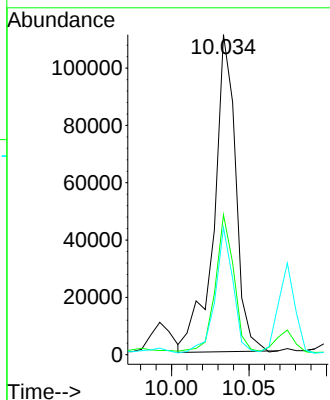
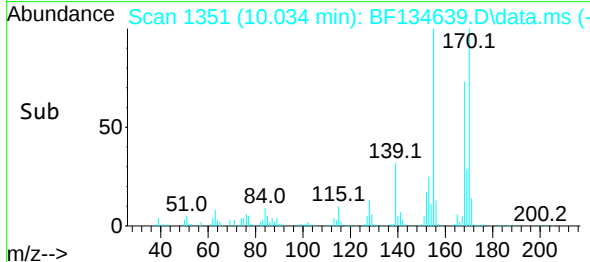
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



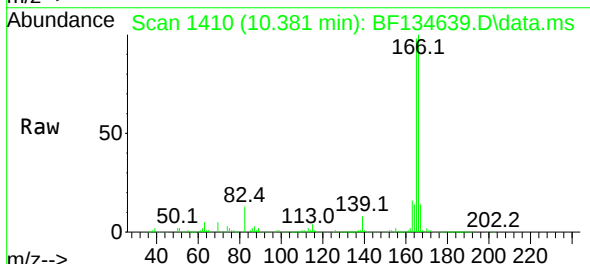
Tgt Ion:168 Resp: 107882  
Ion Ratio Lower Upper  
168 100  
139 43.7 33.4 50.2  
169 39.8 10.6 15.8

Manual Integrations  
APPROVED

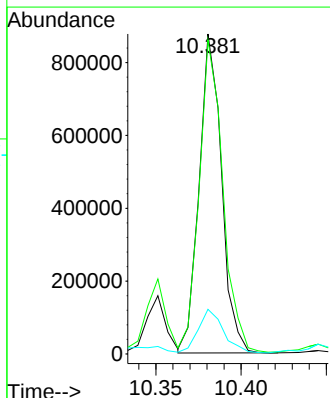
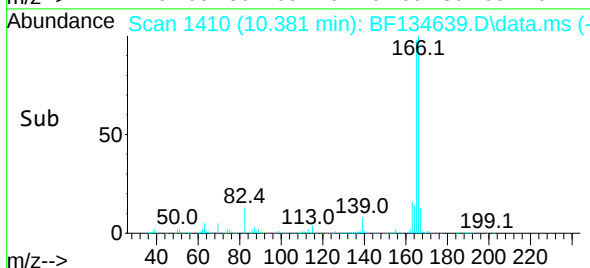
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

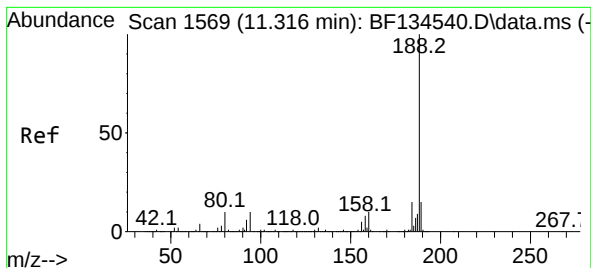


#58  
Fluorene  
Concen: 60.253 ng  
RT: 10.381 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35



Tgt Ion:166 Resp: 800214  
Ion Ratio Lower Upper  
166 100  
165 98.1 74.5 111.7  
167 13.9 10.6 16.0





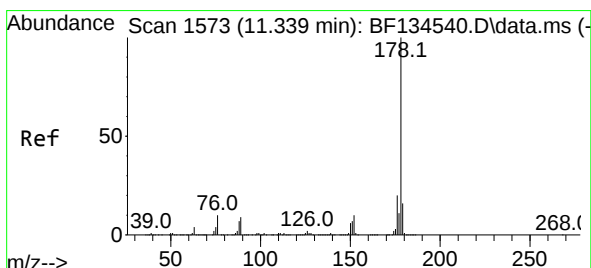
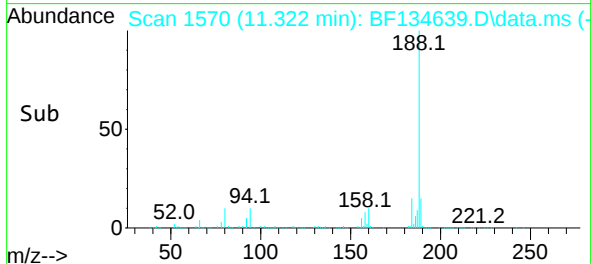
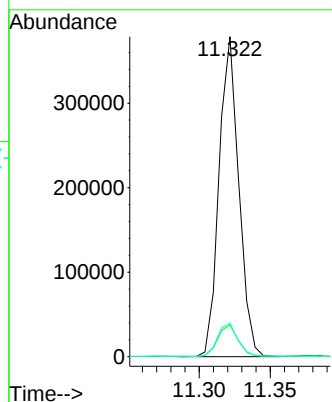
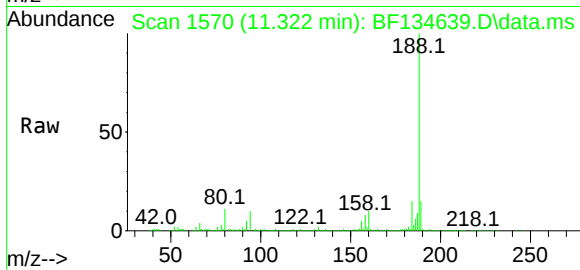
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL

Tgt Ion:188 Resp: 365249  
Ion Ratio Lower Upper  
188 100  
94 9.9 5.1 7.7  
80 10.5 6.6 9.8

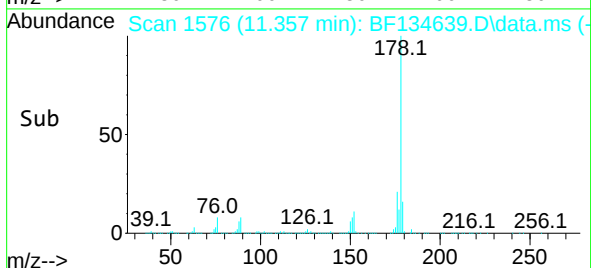
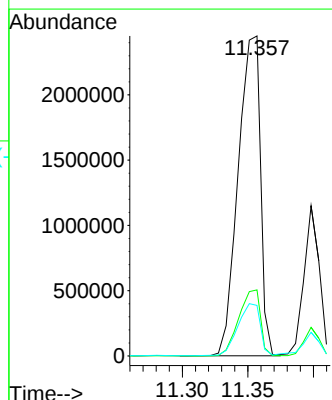
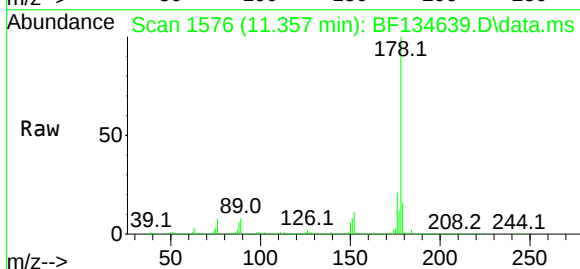
Manual Integrations  
APPROVED

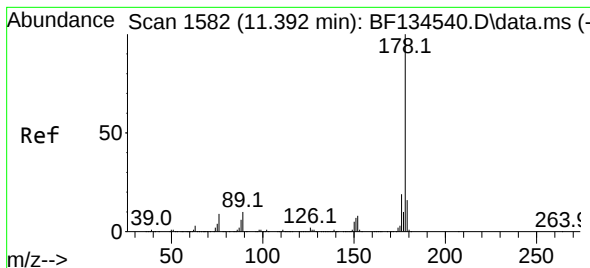
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#71  
Phenanthrene  
Concen: 149.791 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. 0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

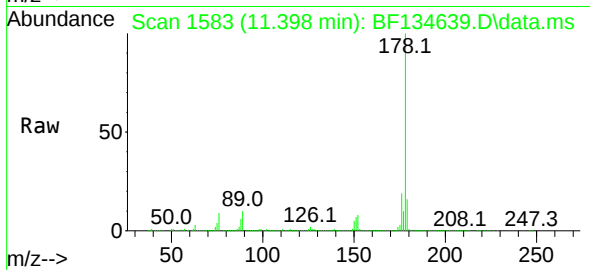
Tgt Ion:178 Resp: 2906036  
Ion Ratio Lower Upper  
178 100  
176 20.7 15.8 23.6  
179 15.8 12.7 19.1





#72  
 Anthracene  
 Concen: 46.017 ng  
 RT: 11.398 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF134639.D  
 Acq: 04 Aug 2023 18:35

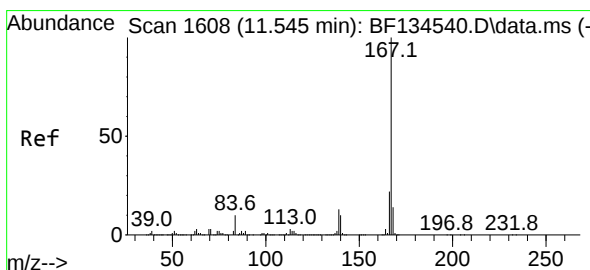
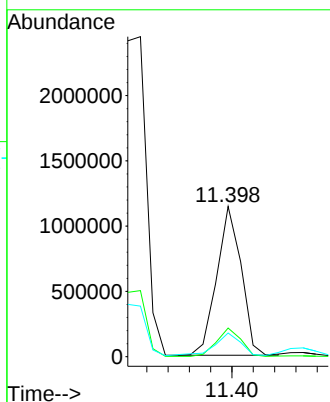
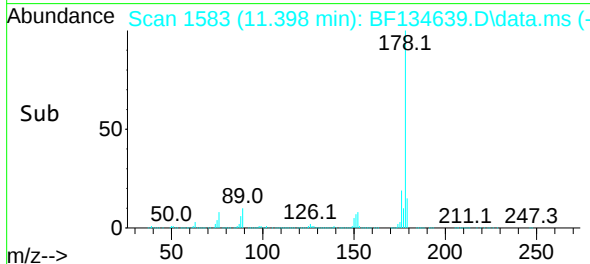
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-8-(0-5)DL



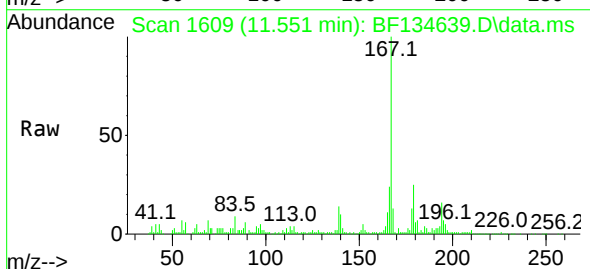
Tgt Ion:178 Resp: 911909  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 14.6 21.8  
 179 15.8 12.3 18.5

Manual Integrations  
 APPROVED

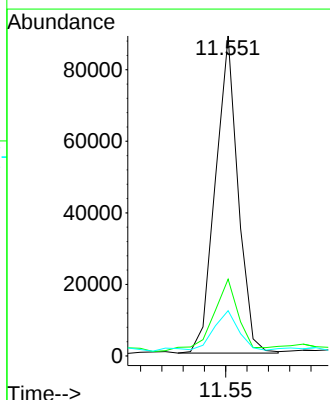
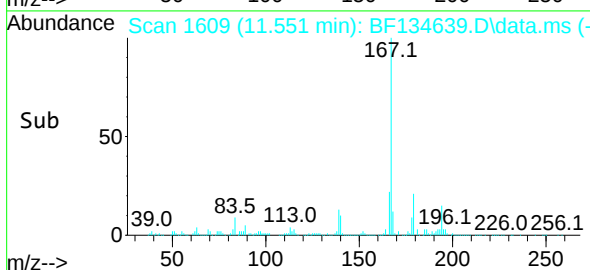
Reviewed By :Yogesh Patel 08/07/2023  
 Supervised By :mohammad ahmed 08/07/2023

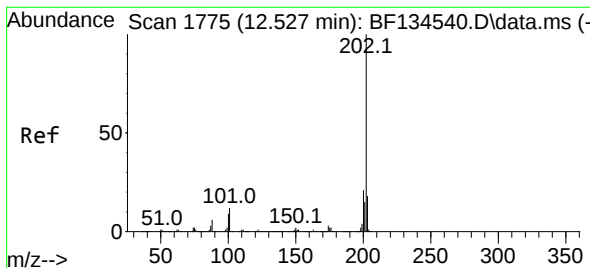


#73  
 Carbazole  
 Concen: 3.694 ng  
 RT: 11.551 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BF134639.D  
 Acq: 04 Aug 2023 18:35



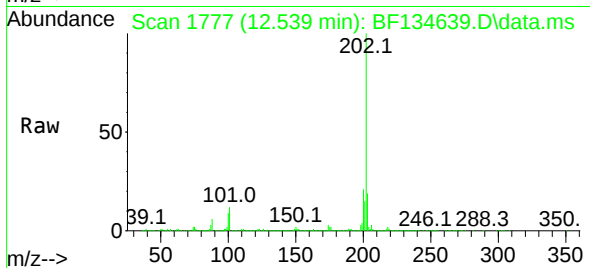
Tgt Ion:167 Resp: 65353  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 17.5 26.3  
 139 14.1 11.0 16.4





#75  
Fluoranthene  
Concen: 71.488 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

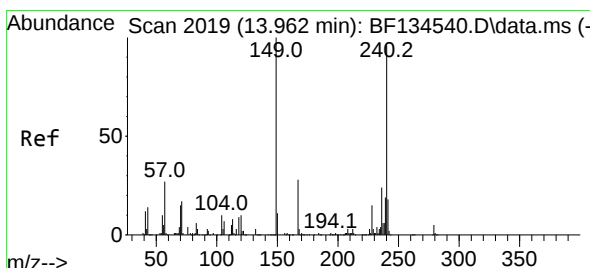
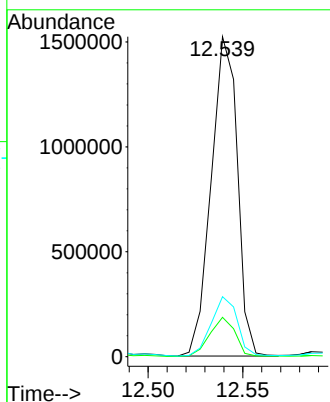
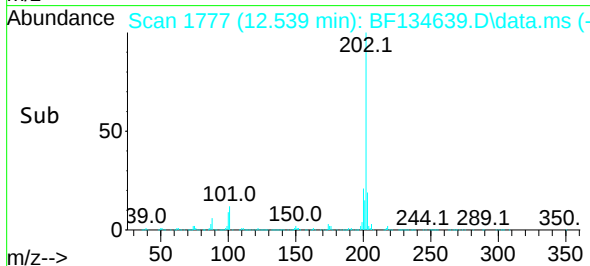
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



Tgt Ion:202 Resp: 1464998  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 28.5  
203 18.8 0.0 37.5

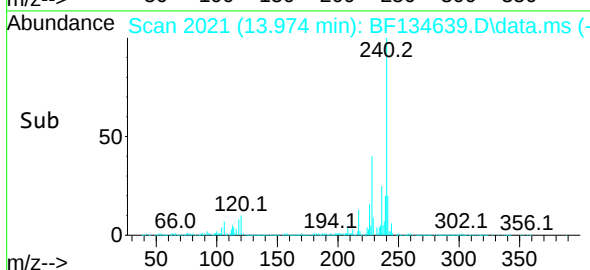
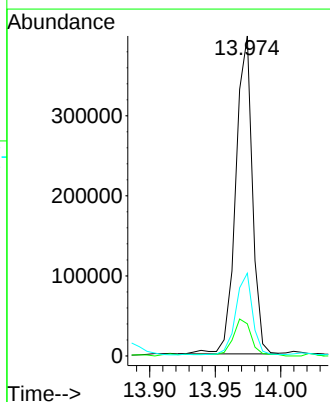
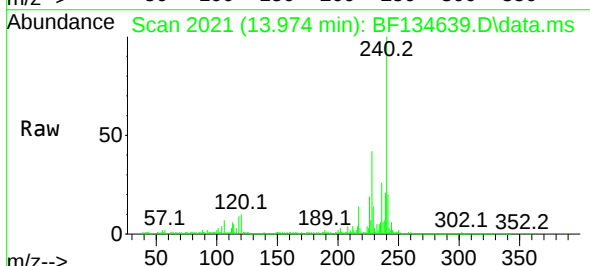
Manual Integrations  
APPROVED

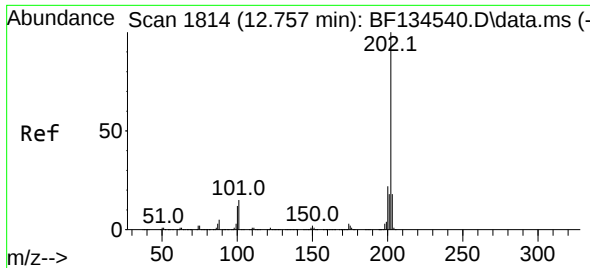
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

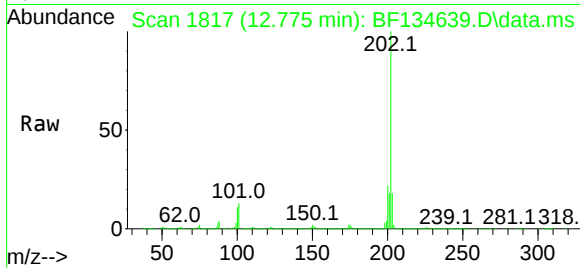
Tgt Ion:240 Resp: 350191  
Ion Ratio Lower Upper  
240 100  
120 10.0 6.6 10.0#  
236 25.8 20.2 30.2





#78  
Pyrene  
Concen: 79.726 ng  
RT: 12.775 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

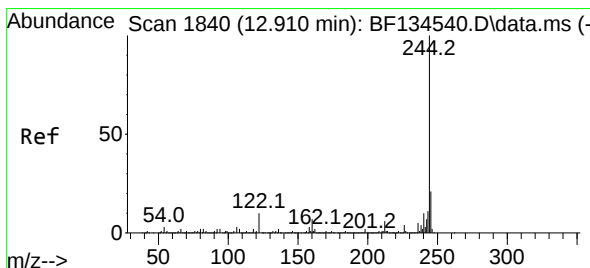
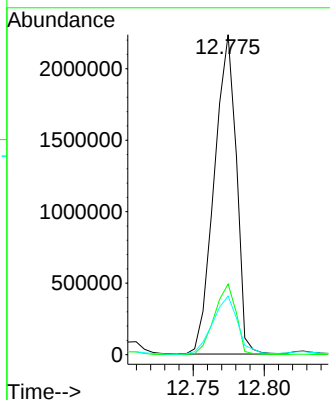
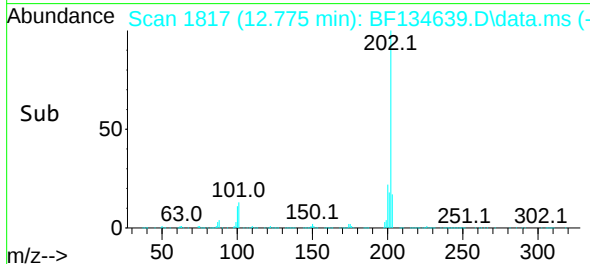
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



Tgt Ion:202 Resp: 2415909  
Ion Ratio Lower Upper  
202 100  
200 22.1 15.8 23.8  
203 18.3 13.5 20.3

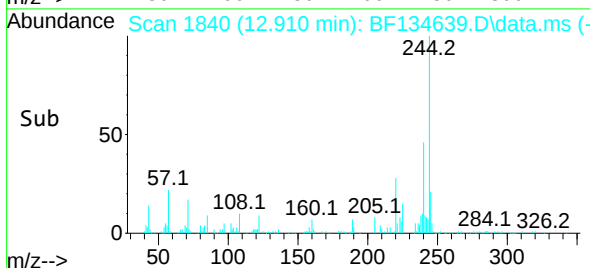
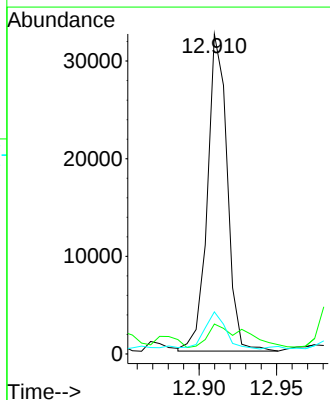
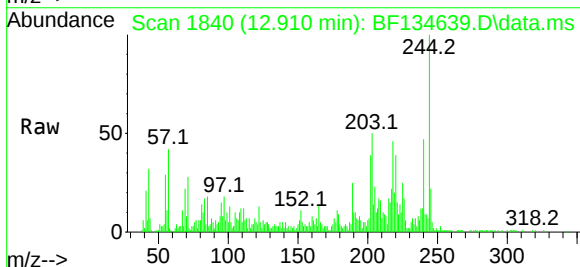
Manual Integrations  
APPROVED

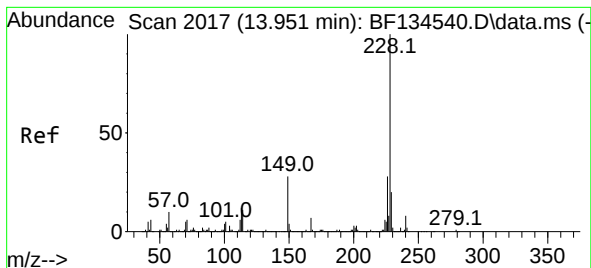
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#79  
Terphenyl-d14  
Concen: 1.451 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

Tgt Ion:244 Resp: 28815  
Ion Ratio Lower Upper  
244 100  
212 9.4 5.6 8.4#  
122 13.1 8.0 12.0#





#81

Benzo(a)anthracene

Concen: 44.293 ng m

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

Instrument :

BNA\_F

ClientSampleId :

BUILDING-A-8-(0-5)DL

Tgt Ion:228 Resp: 110912

Ion Ratio Lower Upper

228 100

226 40.9 22.3 33.5

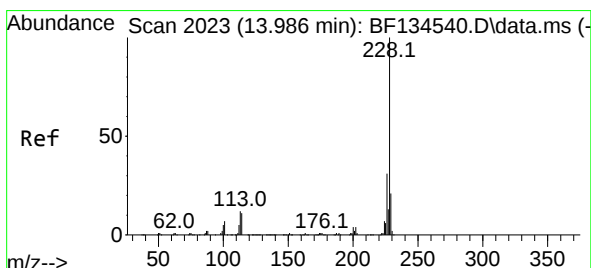
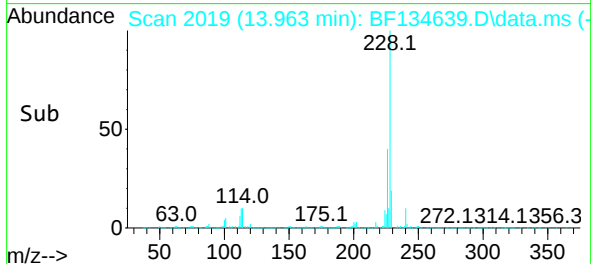
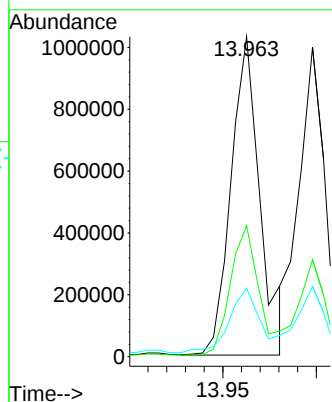
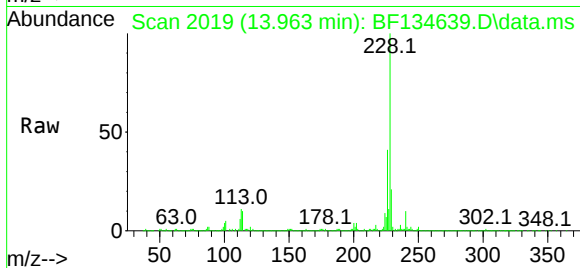
229 21.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#83

Chrysene

Concen: 38.123 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

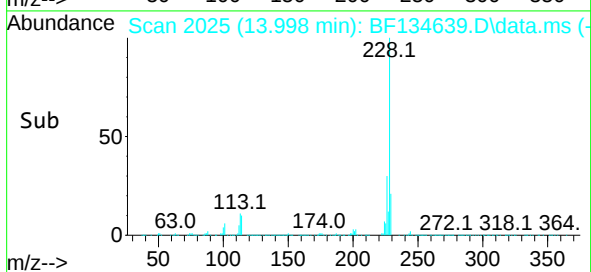
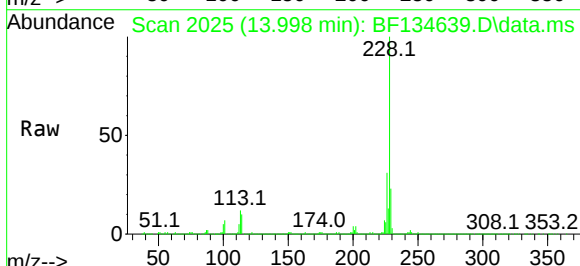
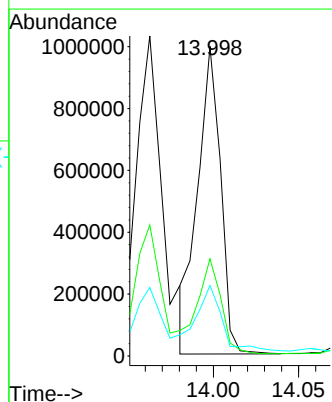
Tgt Ion:228 Resp: 930044

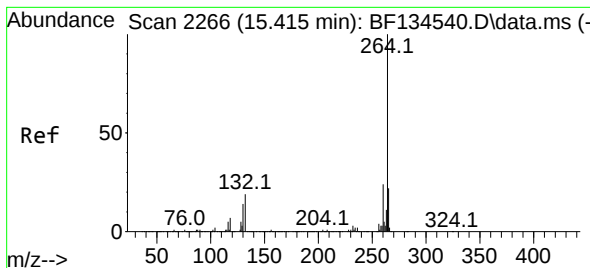
Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

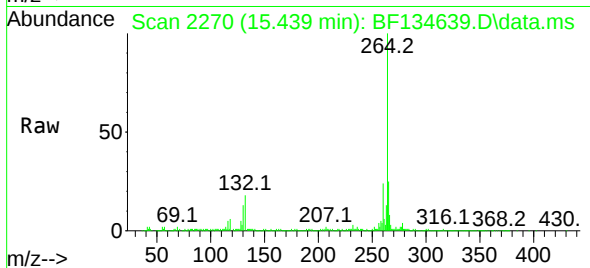
229 22.8 15.8 23.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

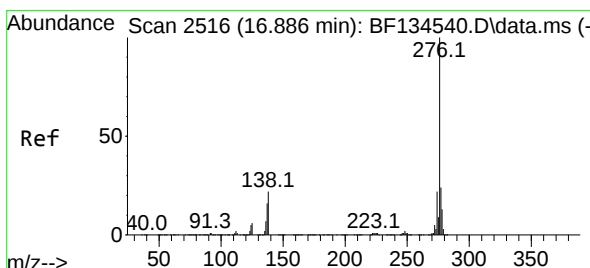
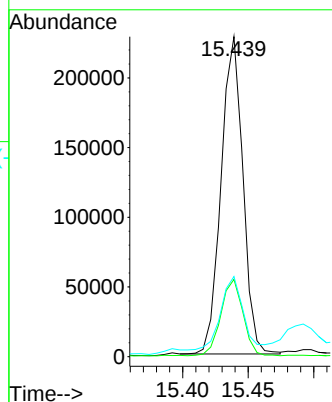
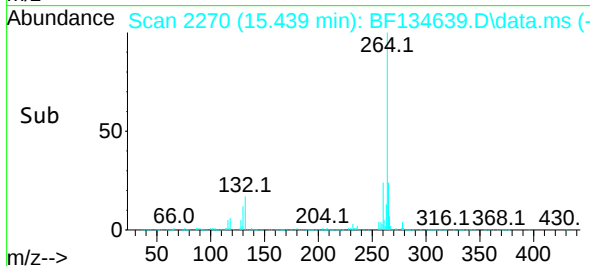
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



Tgt Ion:264 Resp: 262940  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.4 27.6  
265 25.1 15.8 23.8

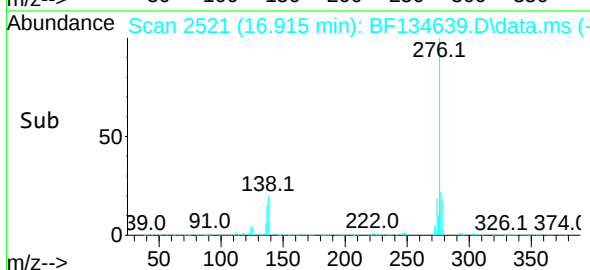
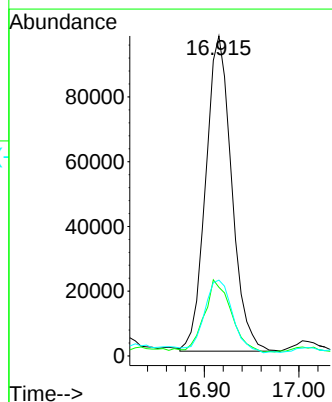
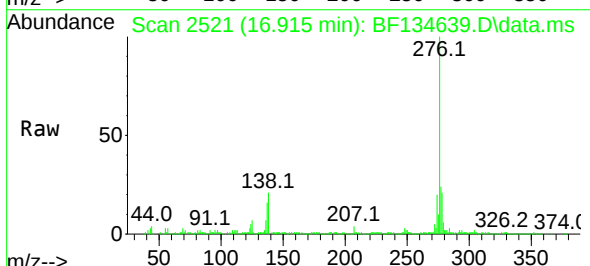
Manual Integrations  
APPROVED

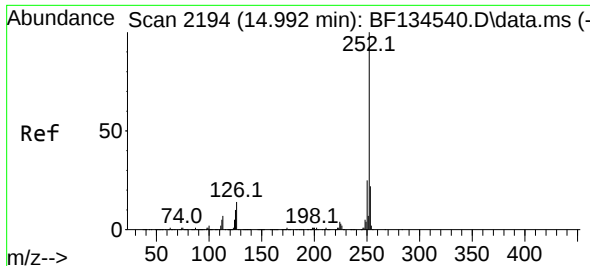
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 11.991 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

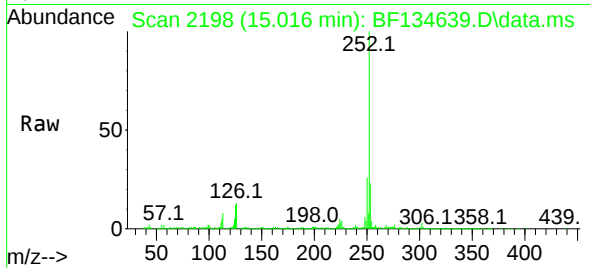
Tgt Ion:276 Resp: 185432  
Ion Ratio Lower Upper  
276 100  
138 23.5 14.2 21.4#  
277 24.4 19.9 29.9





#88  
Benzo(b)fluoranthene  
Concen: 33.632 ng m  
RT: 15.016 min Scan# 2194  
Delta R.T. 0.006 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35

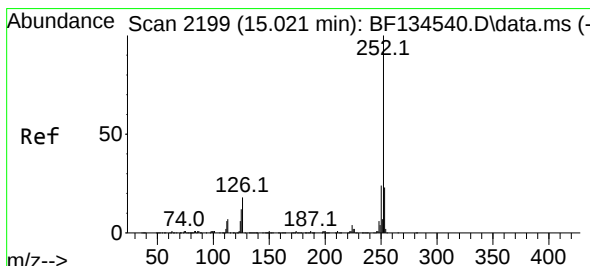
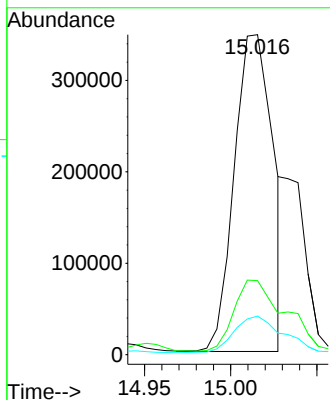
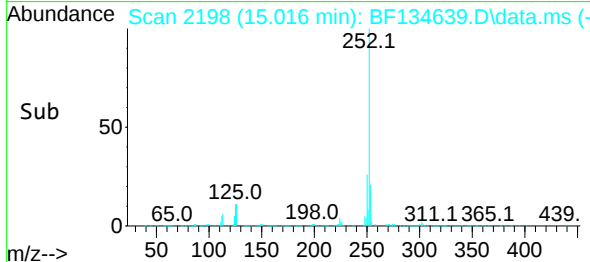
Instrument :  
BNA\_F  
ClientSampleId :  
BUILDING-A-8-(0-5)DL



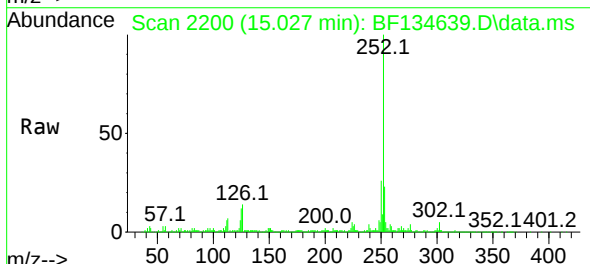
Tgt Ion:252 Resp: 53934  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.3 25.9  
125 12.0 6.0 9.0

Manual Integrations  
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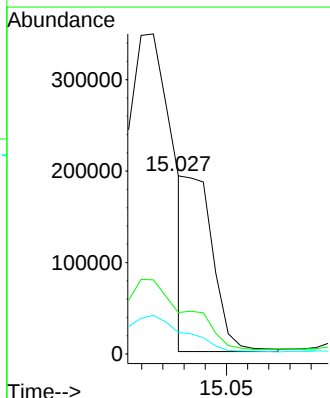
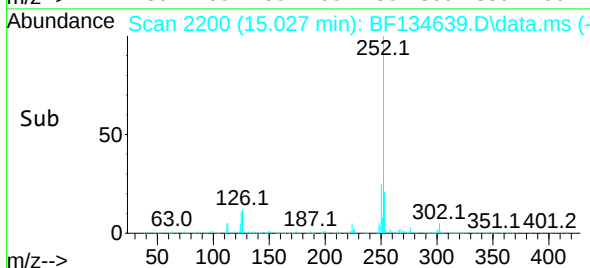
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

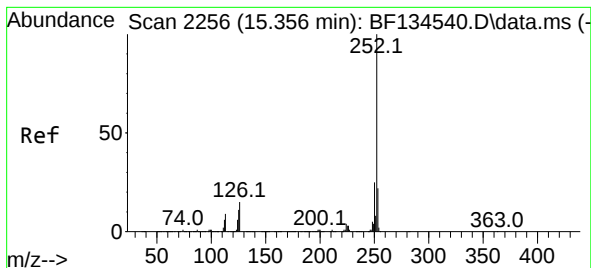


#89  
Benzo(k)fluoranthene  
Concen: 10.965 ng m  
RT: 15.027 min Scan# 2200  
Delta R.T. -0.012 min  
Lab File: BF134639.D  
Acq: 04 Aug 2023 18:35



Tgt Ion:252 Resp: 175162  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.9 26.9  
125 12.1 6.3 9.5





#90

Benzo(a)pyrene

Concen: 39.496 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

Instrument :

BNA\_F

ClientSampleId :

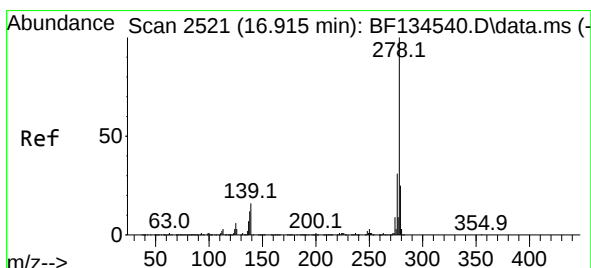
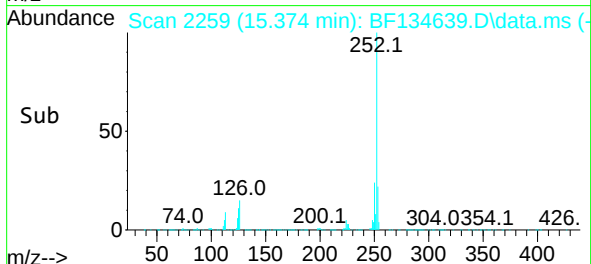
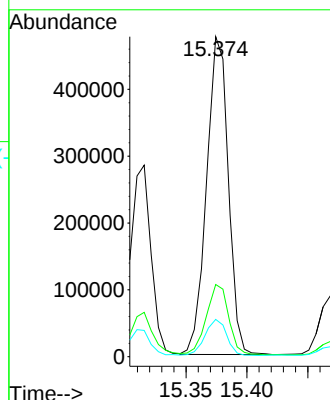
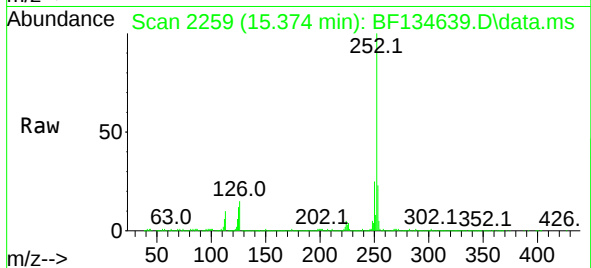
BUILDING-A-8-(0-5)DL

Tgt Ion:252 Resp: 590554  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.0 25.4  
 125 11.6 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023  
 Supervised By :mohammad ahmed 08/07/2023



#91

Dibenzo(a,h)anthracene

Concen: 4.769 ng

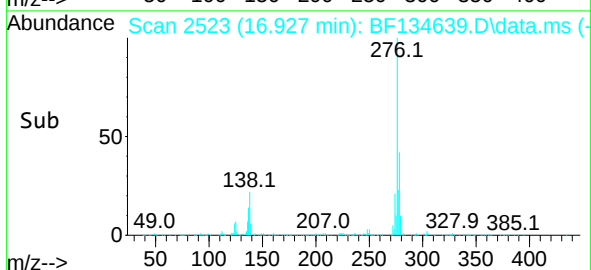
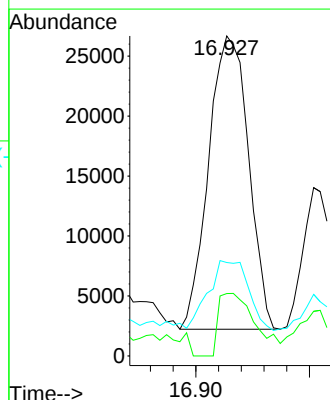
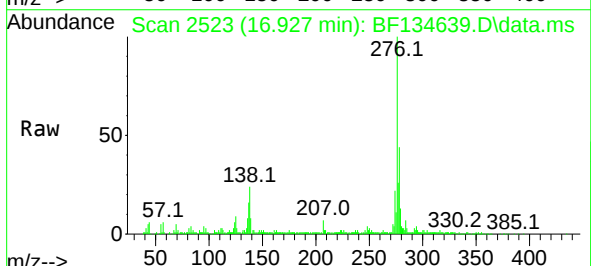
RT: 16.927 min Scan# 2523

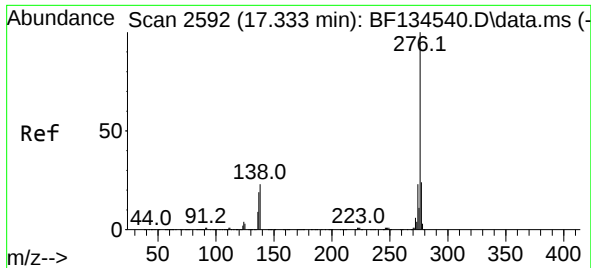
Delta R.T. -0.023 min

Lab File: BF134639.D

Acq: 04 Aug 2023 18:35

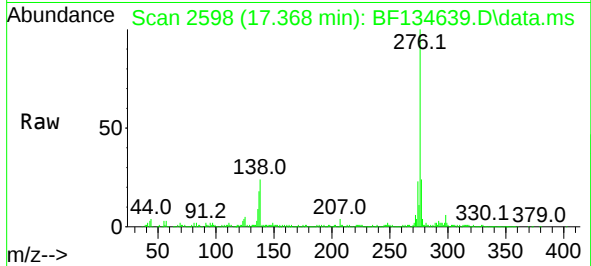
Tgt Ion:278 Resp: 59599  
 Ion Ratio Lower Upper  
 278 100  
 139 19.5 10.0 15.0#  
 279 29.2 19.7 29.5





#92  
 Benzo(g,h,i)perylene  
 Concen: 16.371 ng  
 RT: 17.368 min Scan# 20869  
 Delta R.T. -0.006 min  
 Lab File: BF134639.D  
 Acq: 04 Aug 2023 18:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BUILDING-A-8-(0-5)DL



Tgt Ion: 276 Resp: 20869  
 Ion Ratio Lower Upper  
 276 100  
 277 24.4 19.0 28.6  
 138 23.6 12.2 18.2

Manual Integrations  
 APPROVED

Reviewed By : Yogesh Patel 08/07/2023  
 Supervised By : mohammad ahmed 08/07/2023

