

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090523\  
 Data File : BF135123.D  
 Acq On : 06 Sep 2023 07:07  
 Operator : CG\JU  
 Sample : 04189-03DL 50X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(14-15)DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023  
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 07:29:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.775  | 152  | 94831    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 300403   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.810  | 164  | 179881   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 255406   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.969 | 240  | 160850   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.433 | 264  | 147695   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.399  | 112  | 12556    | 2.045   | ng    | 0.00     |
| 7) Phenol-d6                | 6.404  | 99   | 16809    | 2.197   | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.334  | 82   | 9786     | 1.830   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 3473     | 1.820   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 20641    | 1.868   | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.898 | 244  | 19158    | 1.944   | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.110  | 128  | 9356674  | 637.612 | ng    | 96       |
| 37) 2-Methylnaphthalene     | 8.781  | 142  | 1883537  | 192.369 | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.875  | 142  | 1135456  | 123.938 | ng    | 99       |
| 46) 1,1'-Biphenyl           | 9.234  | 154  | 719668   | 52.365  | ng    | 99       |
| 49) Acenaphthylene          | 9.675  | 152  | 855337   | 54.749  | ng    | 100      |
| 52) Acenaphthene            | 9.845  | 154  | 326022   | 32.746  | ng    | 98       |
| 55) Dibenzofuran            | 10.022 | 168  | 1472568  | 102.534 | ng    | 97       |
| 58) Fluorene                | 10.369 | 166  | 1159404  | 105.891 | ng    | 99       |
| 71) Phenanthrene            | 11.351 | 178  | 4493278  | 341.006 | ng    | 99       |
| 72) Anthracene              | 11.392 | 178  | 1218822  | 90.534  | ng    | 99       |
| 73) Carbazole               | 11.545 | 167  | 557730   | 48.032  | ng    | 100      |
| 75) Fluoranthene            | 12.545 | 202  | 3191889  | 239.593 | ng    | 100      |
| 78) Pyrene                  | 12.775 | 202  | 2694782  | 176.452 | ng    | 98       |
| 81) Benzo(a)anthracene      | 13.957 | 228  | 1205266  | 109.848 | ng    | 94       |
| 83) Chrysene                | 13.992 | 228  | 739550   | 68.585  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.921 | 276  | 479564m  | 48.206  | ng    |          |
| 88) Benzo(b)fluoranthene    | 15.016 | 252  | 1013428m | 110.277 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.039 | 252  | 362966m  | 40.883  | ng    |          |
| 90) Benzo(a)pyrene          | 15.380 | 252  | 829254   | 97.136  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 16.933 | 278  | 96955    | 12.033  | ng    | 95       |
| 92) Benzo(g,h,i)perylene    | 17.374 | 276  | 412947   | 49.277  | ng    | 98       |
| -----                       |        |      |          |         |       |          |

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

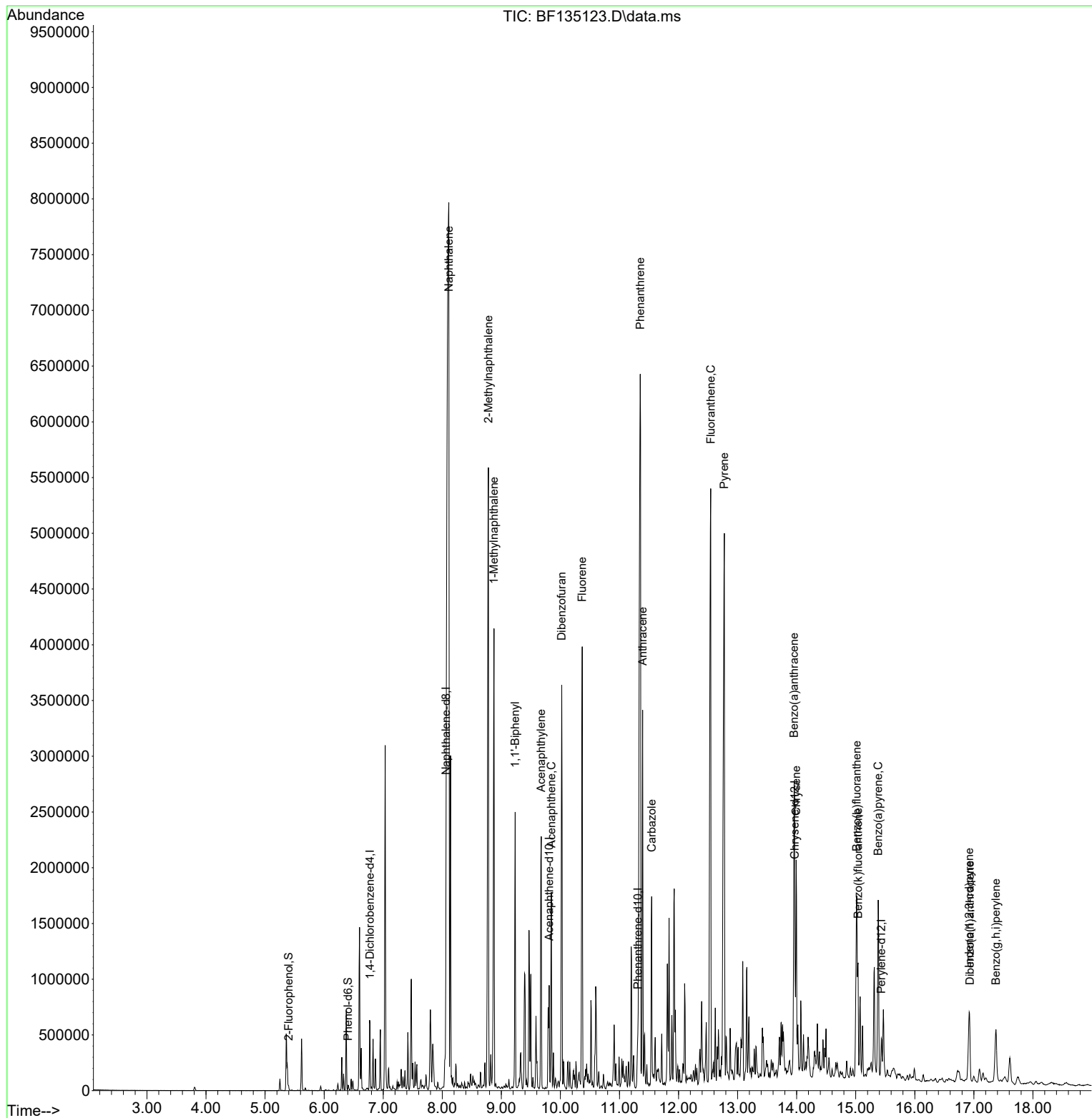
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090523\  
Data File : BF135123.D  
Acq On : 06 Sep 2023 07:07  
Operator : CG\JU  
Sample : 04189-03DL 50X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

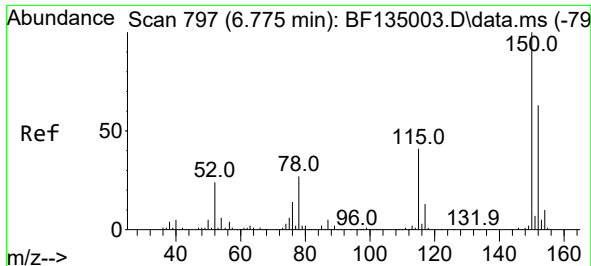
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL

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Supervised By :mohammad ahmed 09/07/2023

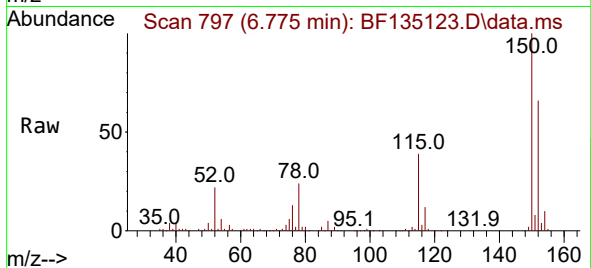
Quant Time: Sep 06 07:29:22 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.775 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

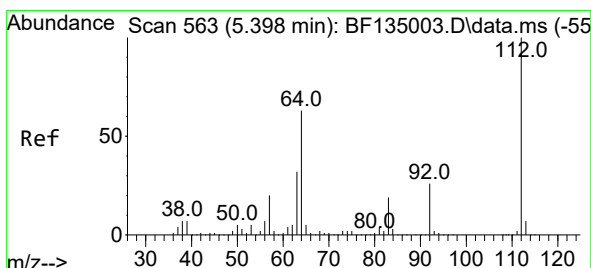
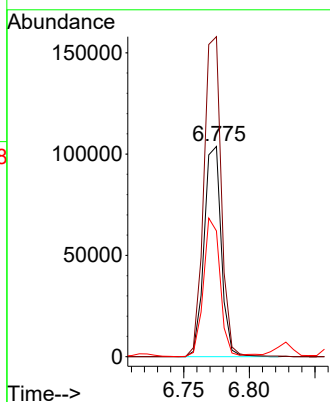
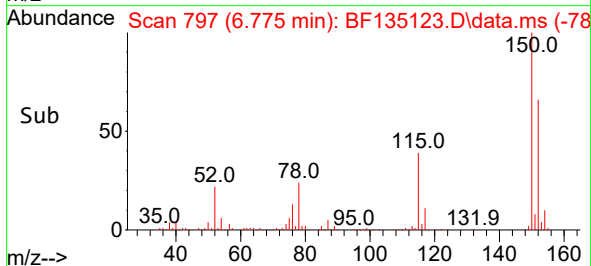
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



Tgt Ion:152 Resp: 9483  
Ion Ratio Lower Upper  
152 100  
150 152.2 126.2 189.4  
115 59.8 51.2 76.8

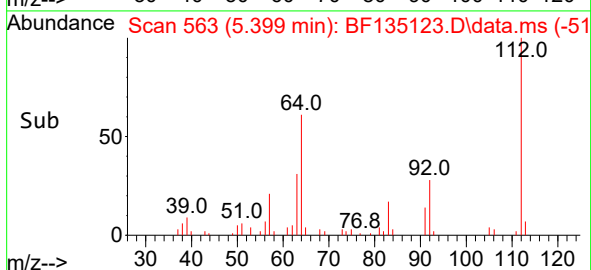
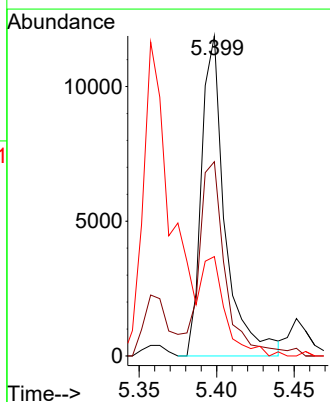
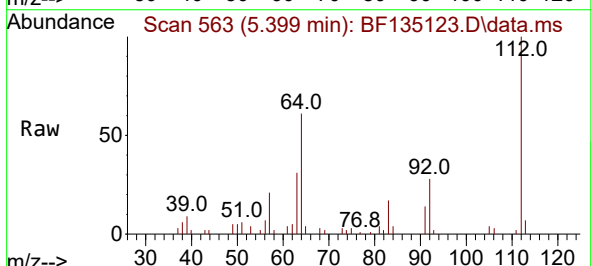
Manual Integrations  
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Supervised By :mohammad ahmed 09/07/2023



#5  
2-Fluorophenol  
Concen: 2.045 ng  
RT: 5.399 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

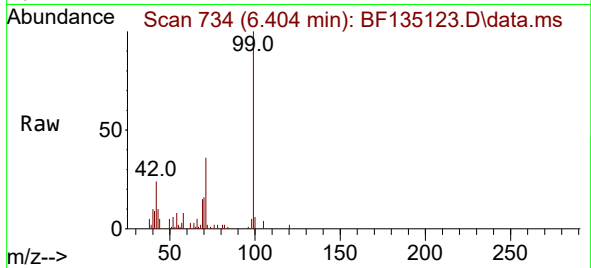
Tgt Ion:112 Resp: 12556  
Ion Ratio Lower Upper  
112 100  
64 60.7 50.5 75.7  
63 31.1 25.9 38.9





#7  
Phenol-d6  
Concen: 2.197 ng  
RT: 6.404 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

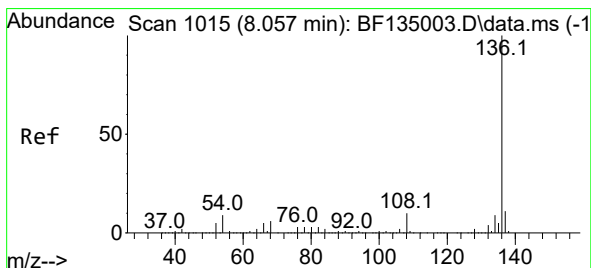
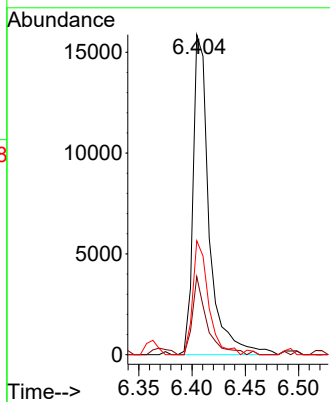
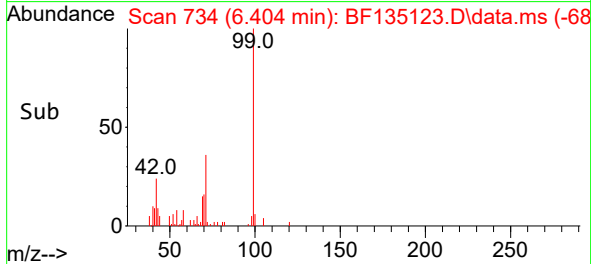
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



Tgt Ion: 99 Resp: 16809  
Ion Ratio Lower Upper  
99 100  
42 24.4 16.6 25.0  
71 35.6 27.0 40.6

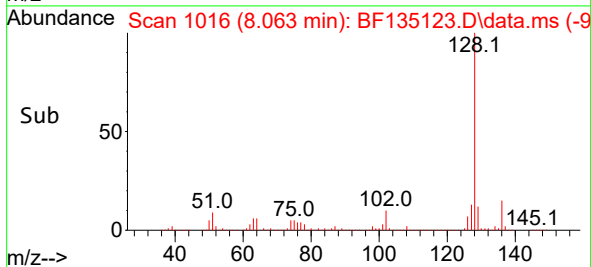
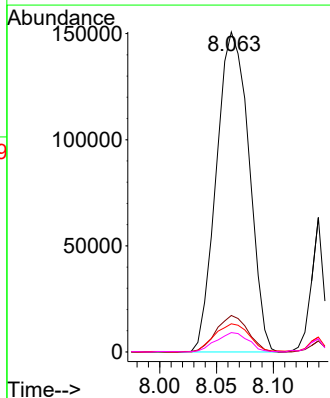
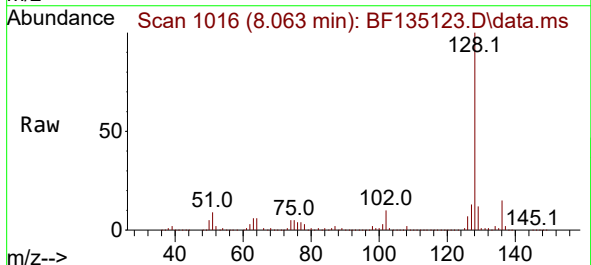
Manual Integrations  
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Supervised By :mohammad ahmed 09/07/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. 0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

Tgt Ion:136 Resp: 300403  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 8.8 7.0 10.4  
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 1.830 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135123.D

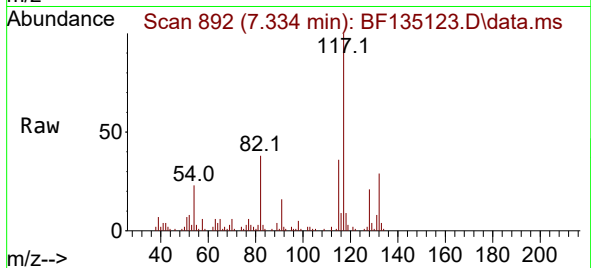
Acq: 06 Sep 2023 07:07

Instrument :

BNA\_F

ClientSampleId :

SB-07(14-15)DL



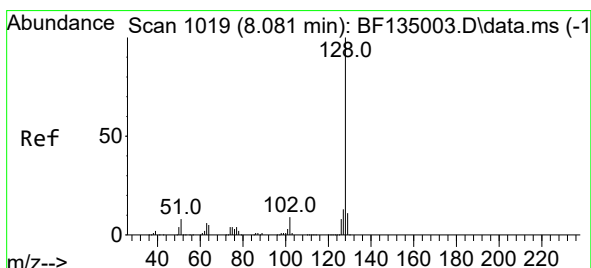
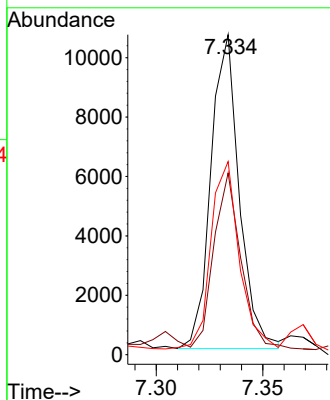
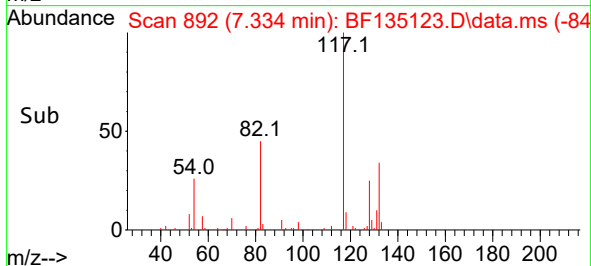
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 9780 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 56.8  | 37.8  | 56.8 |
| 54        | 60.4  | 45.0  | 67.6 |

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#31

Naphthalene

Concen: 637.612 ng

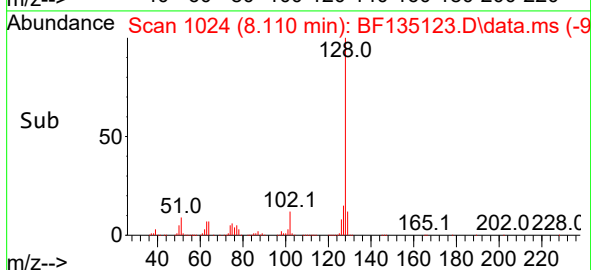
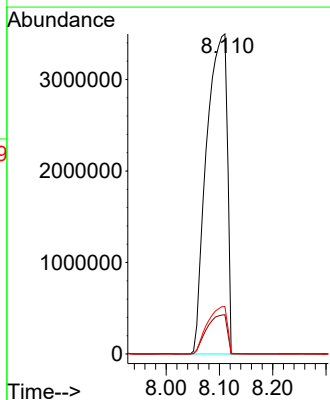
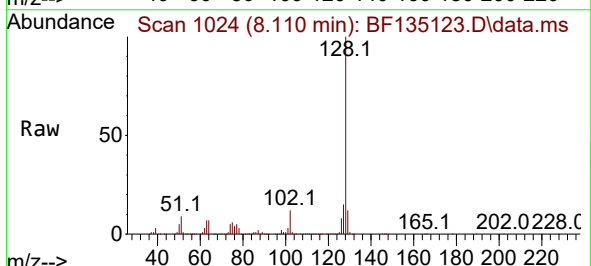
RT: 8.110 min Scan# 1024

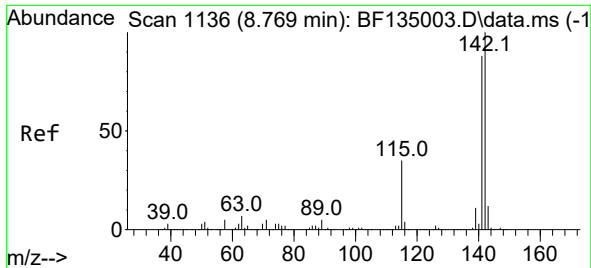
Delta R.T. 0.030 min

Lab File: BF135123.D

Acq: 06 Sep 2023 07:07

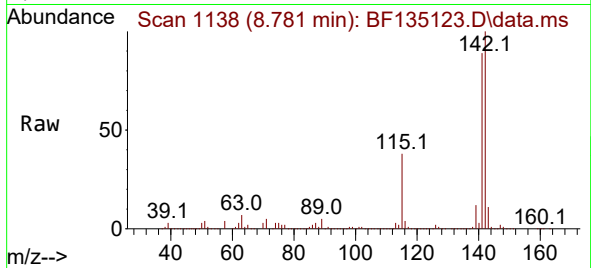
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 9356674 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 129       | 12.2  | 8.6   | 13.0    |
| 127       | 14.8  | 10.6  | 16.0    |





#37  
2-Methylnaphthalene  
Concen: 192.369 ng  
RT: 8.781 min Scan# 1136  
Delta R.T. 0.012 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

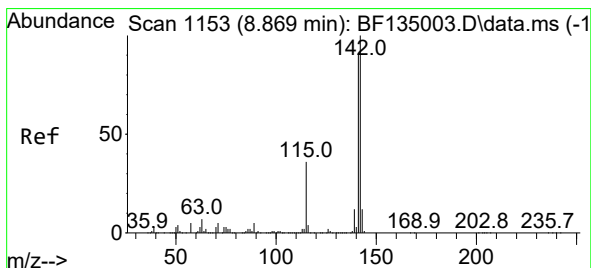
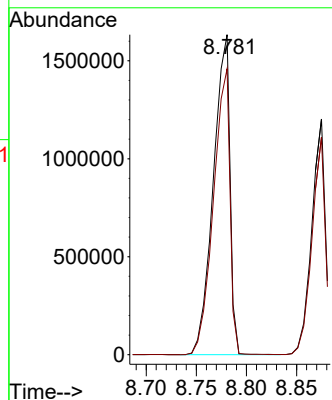
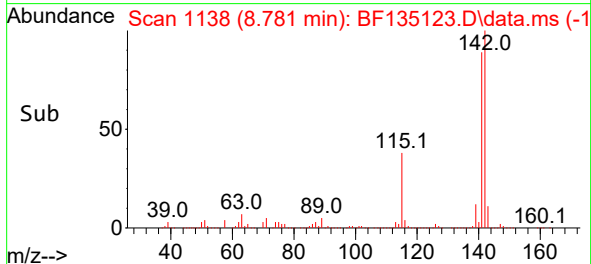
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



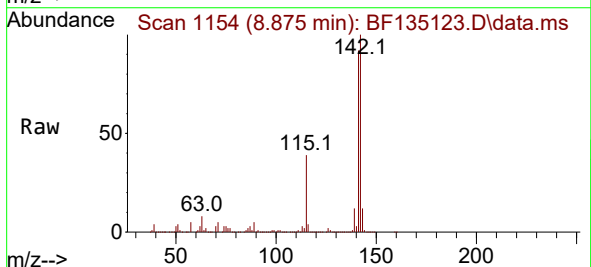
Tgt Ion:142 Resp: 188353  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.7 106.1

Manual Integrations  
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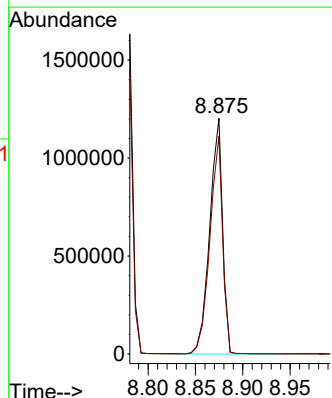
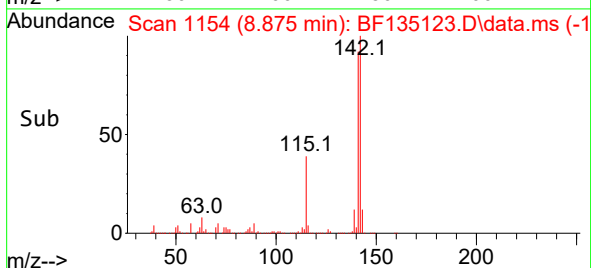
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

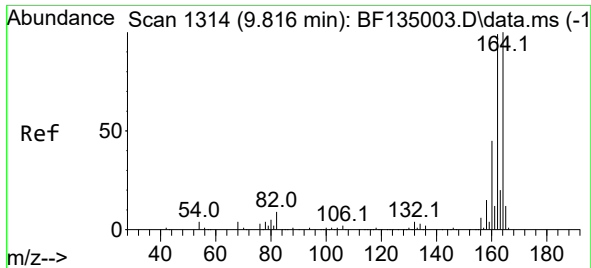


#38  
1-Methylnaphthalene  
Concen: 123.938 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. 0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



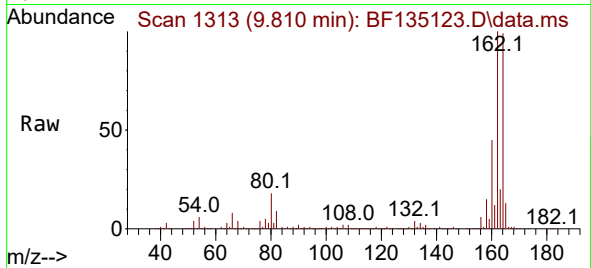
Tgt Ion:142 Resp: 1135456  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.0 109.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.810 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

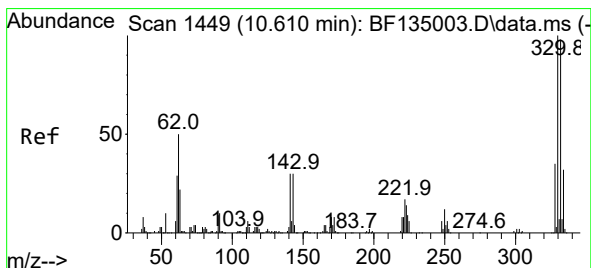
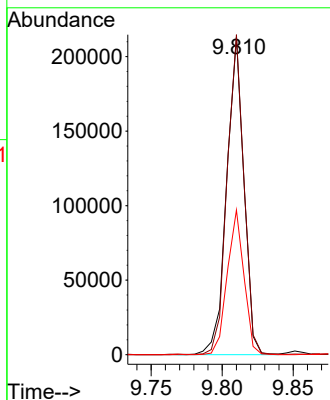
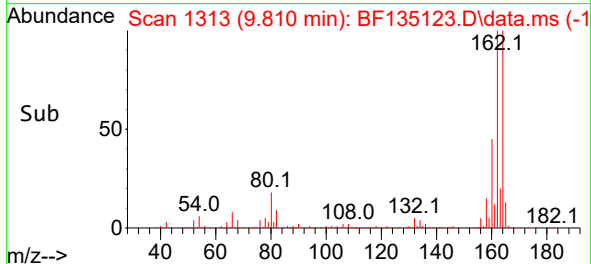
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



Tgt Ion:164 Resp: 17988  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.5 119.3  
160 45.5 36.0 54.0

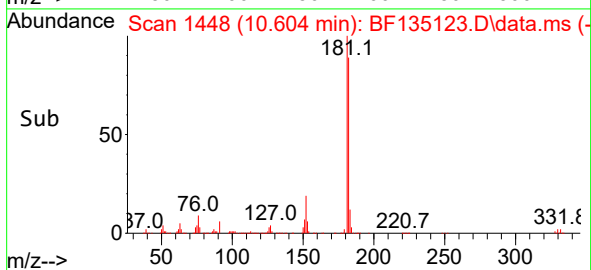
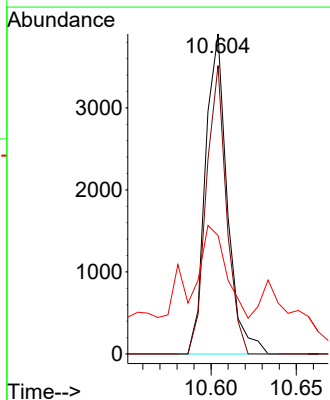
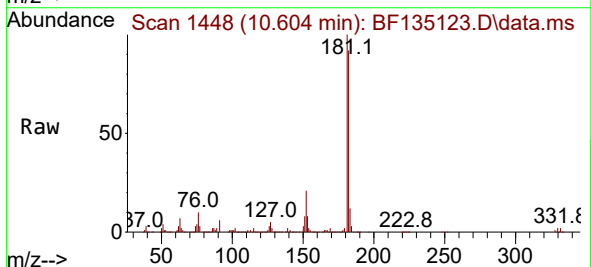
Manual Integrations  
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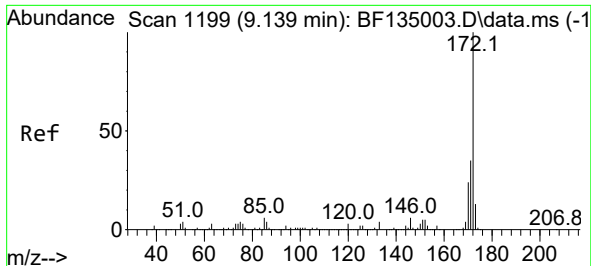
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023



#42  
2,4,6-Tribromophenol  
Concen: 1.820 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

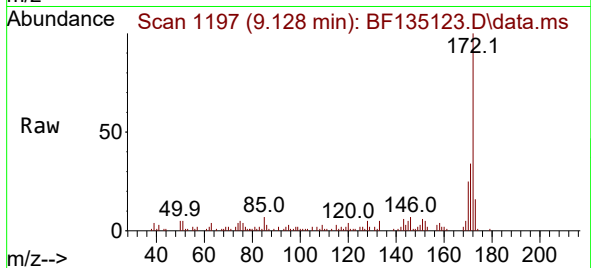
Tgt Ion:330 Resp: 3473  
Ion Ratio Lower Upper  
330 100  
332 83.3 77.6 116.4  
141 44.9 26.3 39.5





#45  
2-Fluorobiphenyl  
Concen: 1.868 ng  
RT: 9.128 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

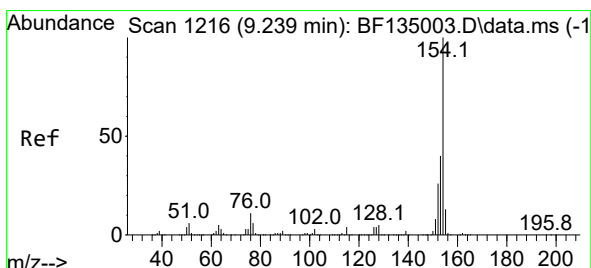
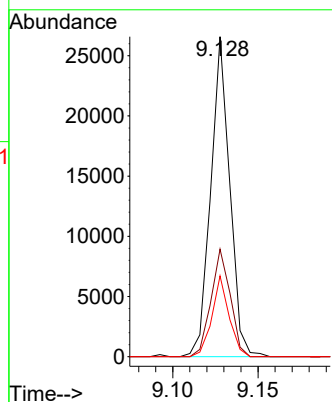
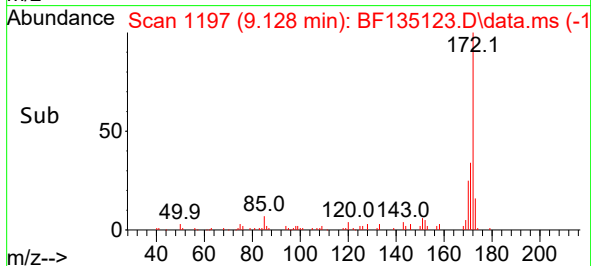
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



Tgt Ion:172 Resp: 2064  
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172 100  
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170 25.2 19.0 28.4

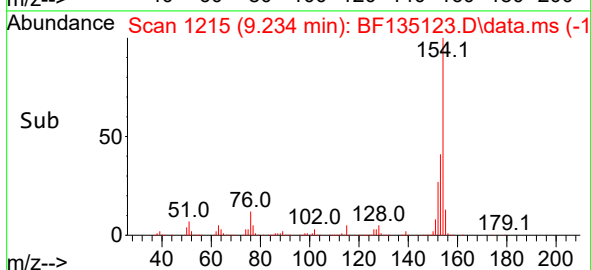
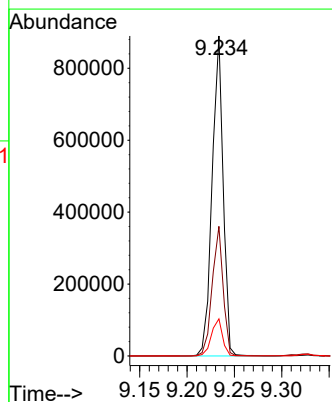
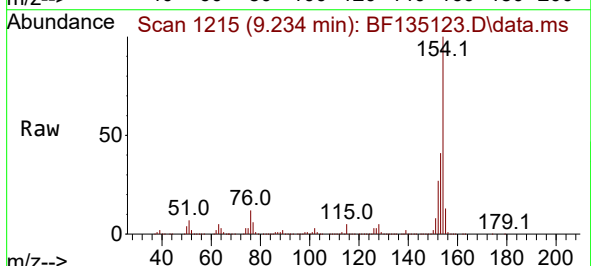
Manual Integrations  
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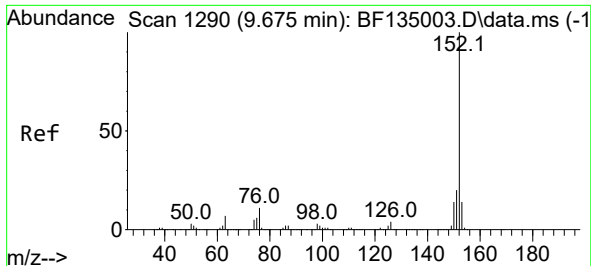
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023



#46  
1,1'-Biphenyl  
Concen: 52.365 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

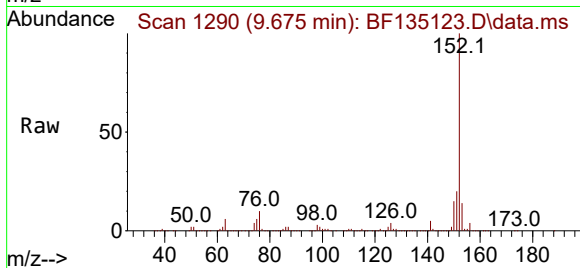
Tgt Ion:154 Resp: 719668  
Ion Ratio Lower Upper  
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153 40.5 20.2 60.2  
76 11.6 0.0 31.2





#49  
Acenaphthylene  
Concen: 54.749 ng  
RT: 9.675 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

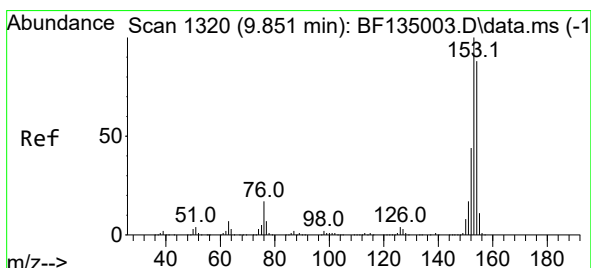
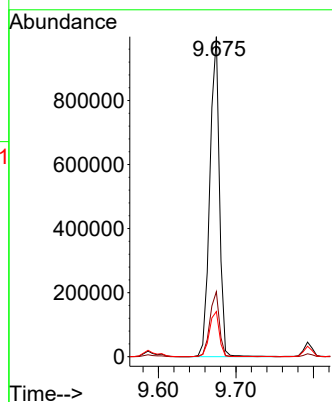
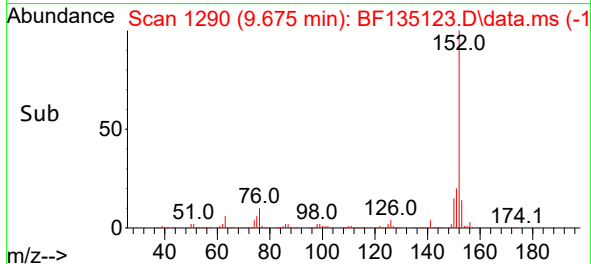
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



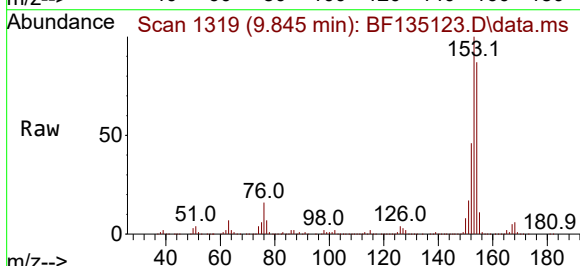
Tgt Ion:152 Resp: 85533  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4  
153 14.1 11.4 17.0

Manual Integrations  
APPROVED

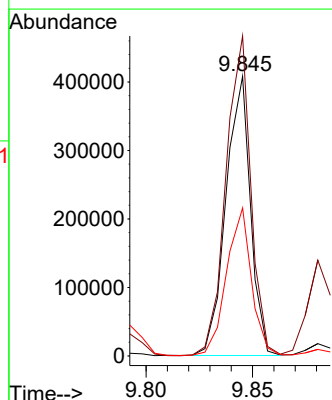
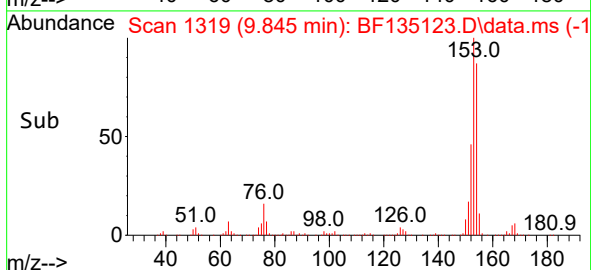
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

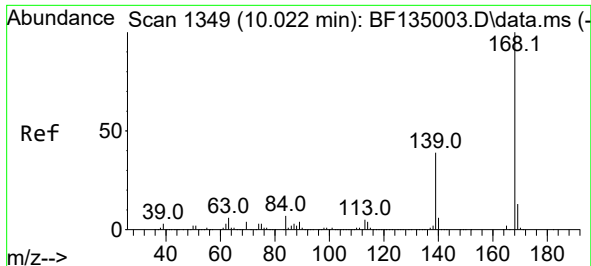


#52  
Acenaphthene  
Concen: 32.746 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



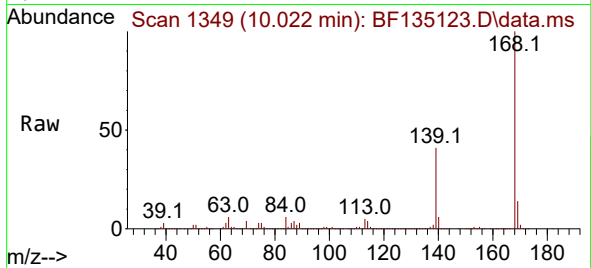
Tgt Ion:154 Resp: 326022  
Ion Ratio Lower Upper  
154 100  
153 114.4 90.8 136.2  
152 52.9 40.2 60.4





#55  
Dibenzenofuran  
Concen: 102.534 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

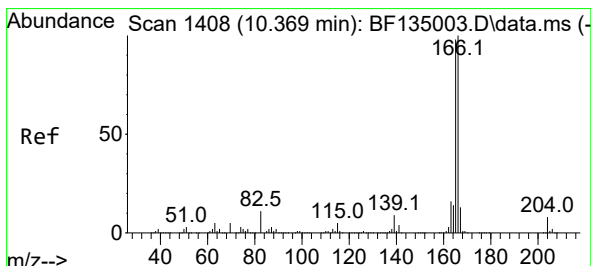
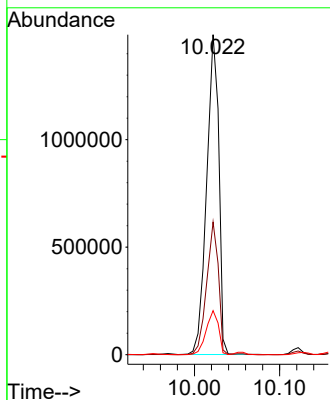
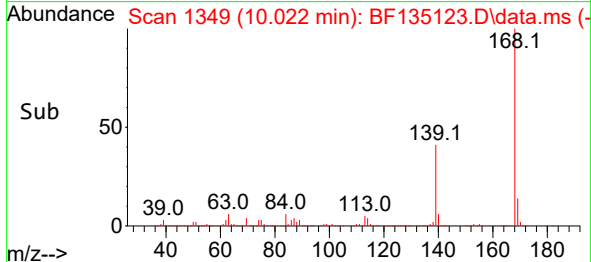
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



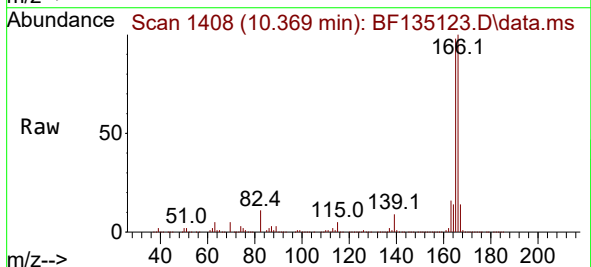
Tgt Ion:168 Resp: 147256  
Ion Ratio Lower Upper  
168 100  
139 41.4 31.5 47.3  
169 13.8 10.7 16.1

Manual Integrations  
APPROVED

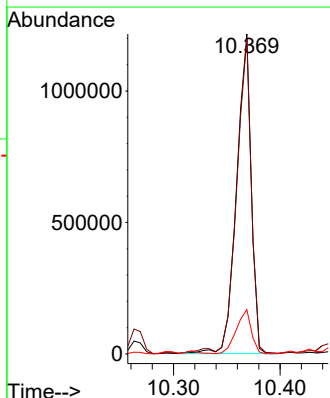
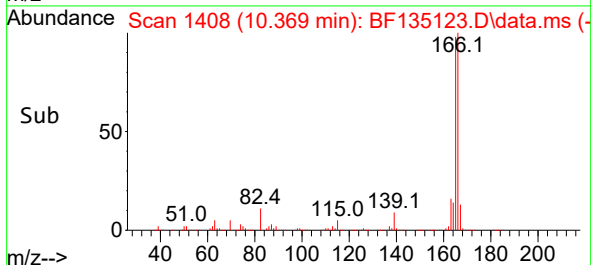
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

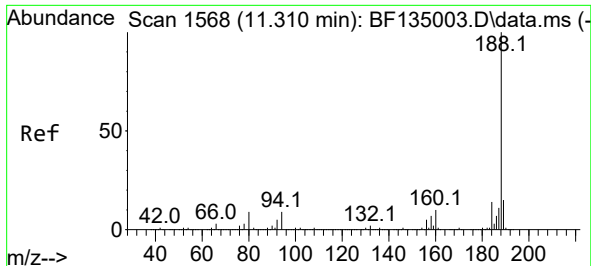


#58  
Fluorene  
Concen: 105.891 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



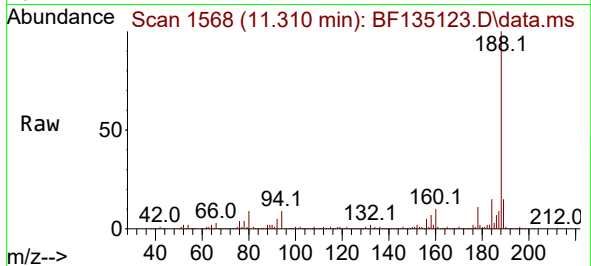
Tgt Ion:166 Resp: 1159404  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.0 117.0  
167 13.8 10.8 16.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

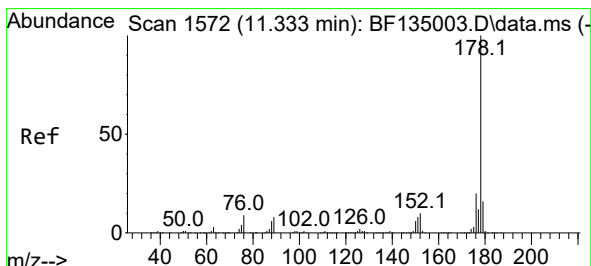
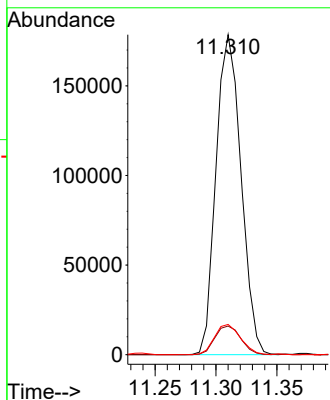
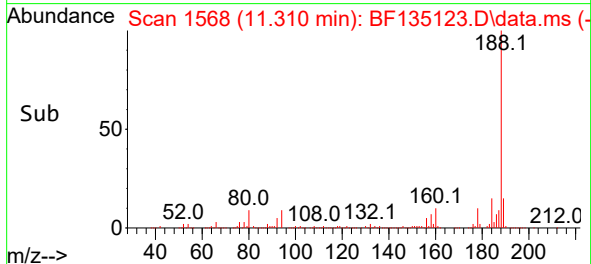
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



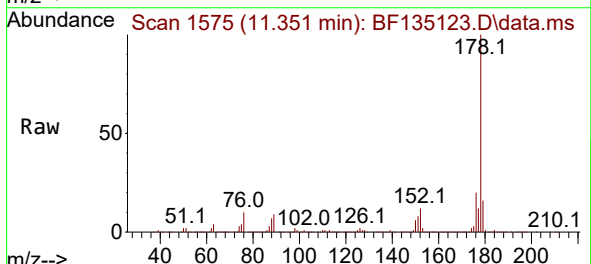
Tgt Ion:188 Resp: 255400  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.0 10.4  
80 9.4 7.4 11.2

Manual Integrations  
APPROVED

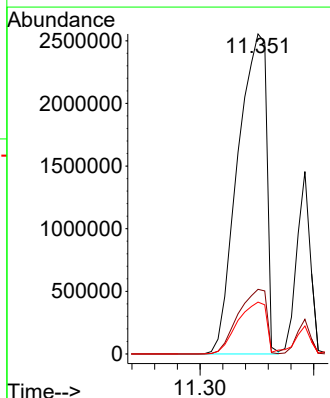
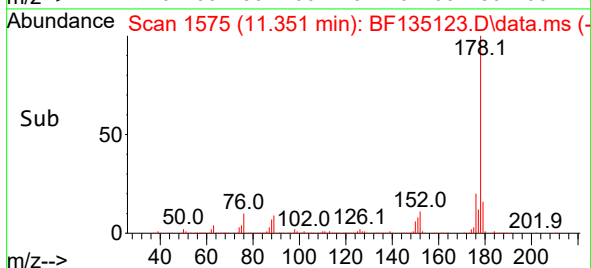
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

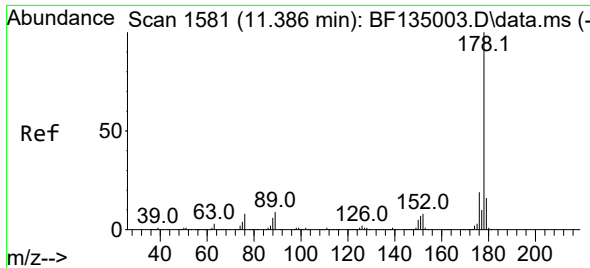


#71  
Phenanthrene  
Concen: 341.006 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.018 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



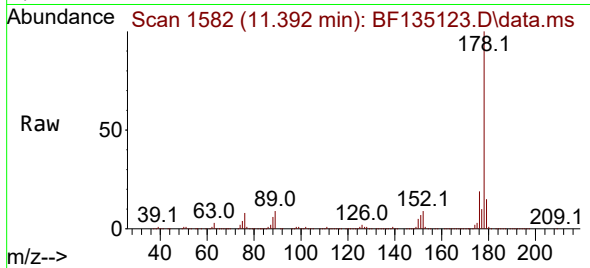
Tgt Ion:178 Resp: 4493278  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.9 23.9  
179 16.2 12.5 18.7





#72  
 Anthracene  
 Concen: 90.534 ng  
 RT: 11.392 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF135123.D  
 Acq: 06 Sep 2023 07:07

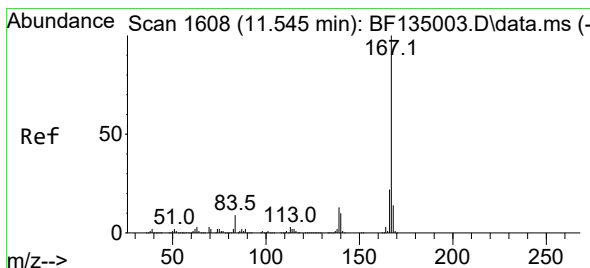
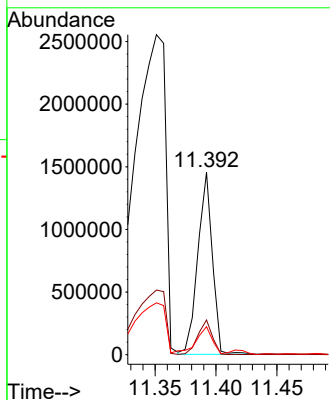
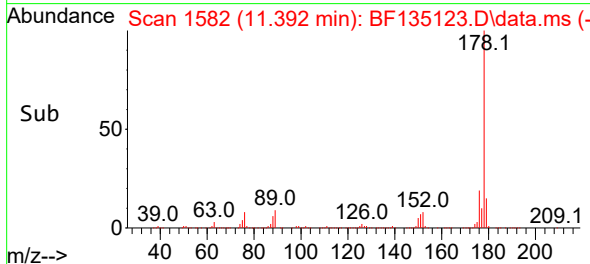
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(14-15)DL



Tgt Ion:178 Resp: 121882  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.2  
 179 15.4 12.8 19.2

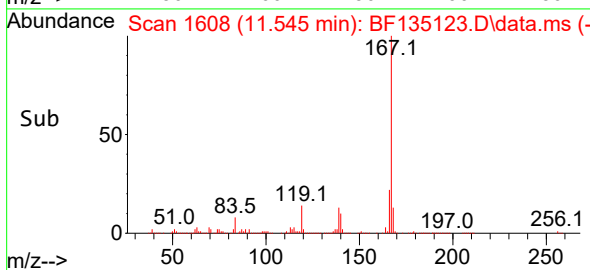
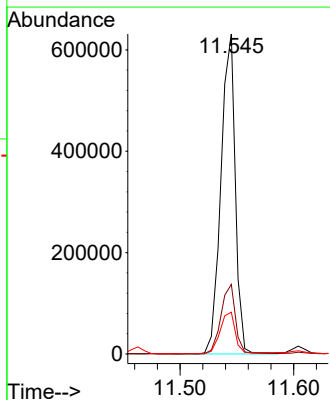
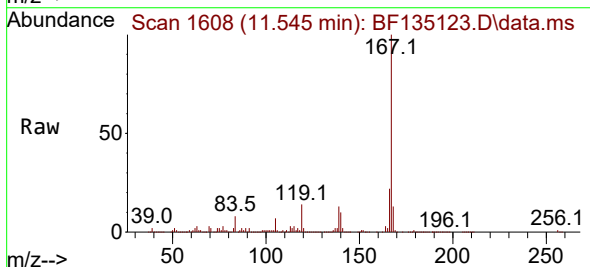
Manual Integrations  
 APPROVED

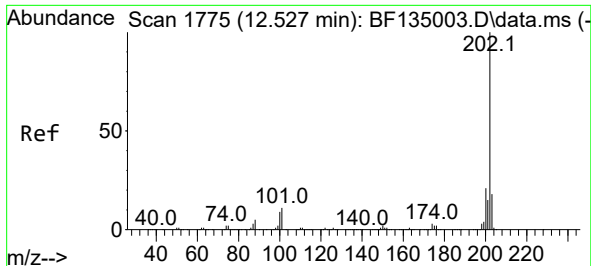
Reviewed By :Yogesh Patel 09/06/2023  
 Supervised By :mohammad ahmed 09/07/2023



#73  
 Carbazole  
 Concen: 48.032 ng  
 RT: 11.545 min Scan# 1608  
 Delta R.T. 0.000 min  
 Lab File: BF135123.D  
 Acq: 06 Sep 2023 07:07

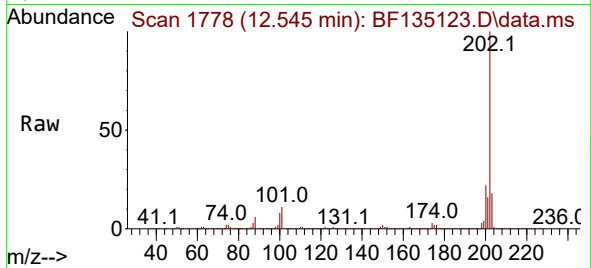
Tgt Ion:167 Resp: 557730  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.4 26.2  
 139 13.0 10.3 15.5





#75  
Fluoranthene  
Concen: 239.593 ng  
RT: 12.545 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

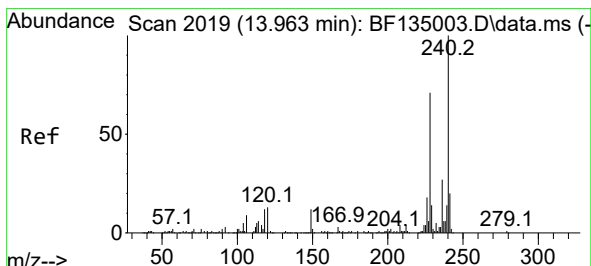
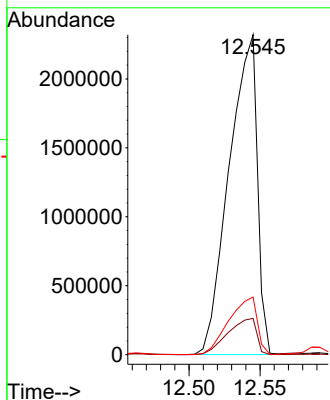
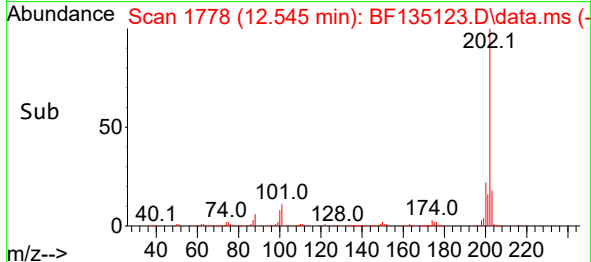
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



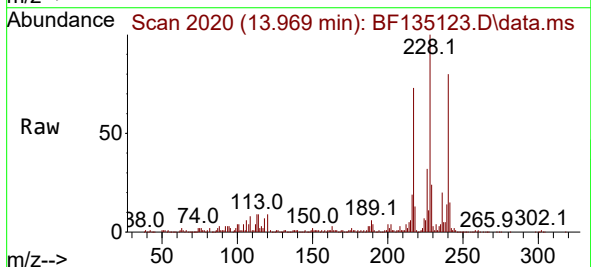
Tgt Ion:202 Resp: 3191889  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.5  
203 18.0 0.0 37.8

Manual Integrations  
APPROVED

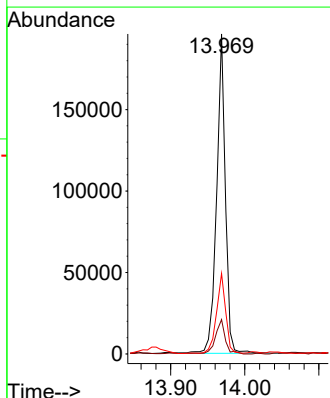
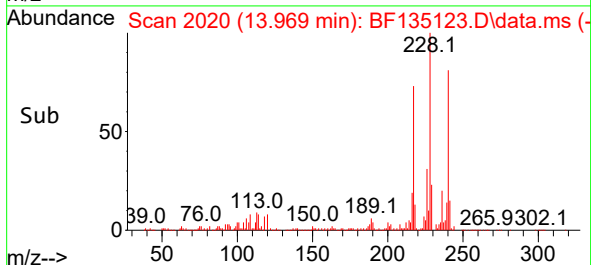
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

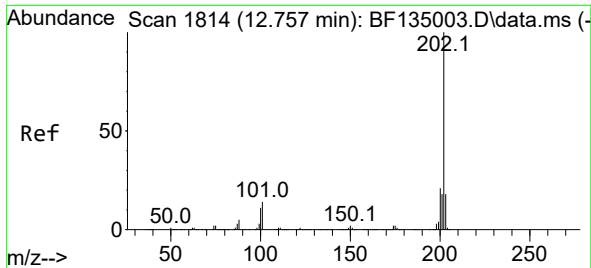


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



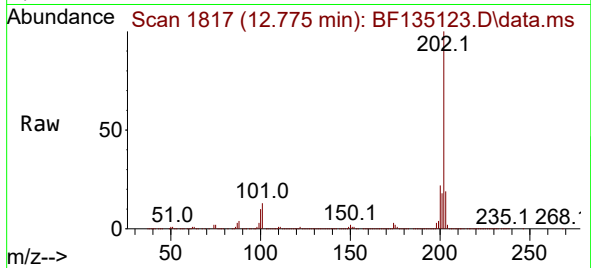
Tgt Ion:240 Resp: 160850  
Ion Ratio Lower Upper  
240 100  
120 10.7 10.2 15.2  
236 25.2 21.3 31.9





#78  
Pyrene  
Concen: 176.452 ng  
RT: 12.775 min Scan# 1817  
Delta R.T. 0.018 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

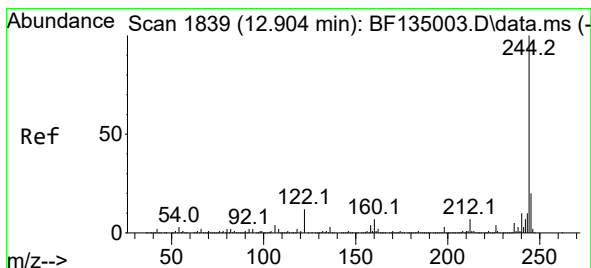
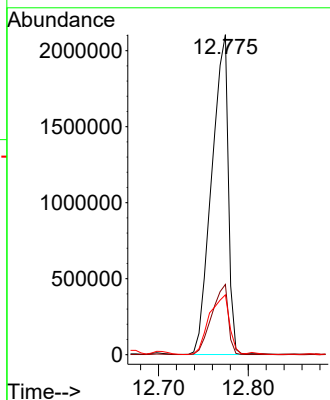
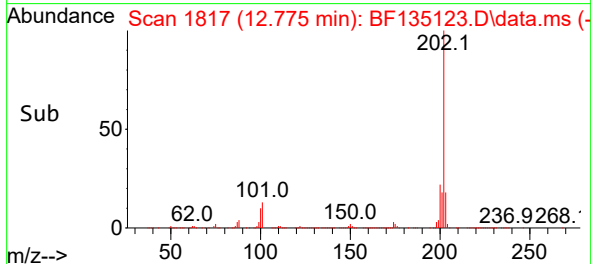
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



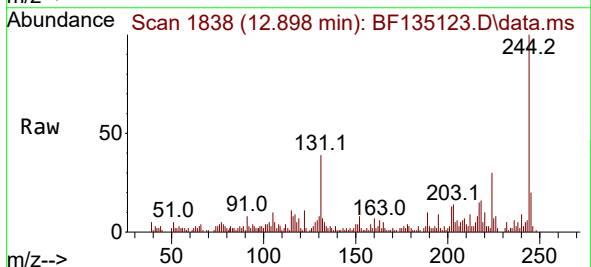
Tgt Ion:202 Resp: 269478  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.6  
203 18.7 14.2 21.2

Manual Integrations  
APPROVED

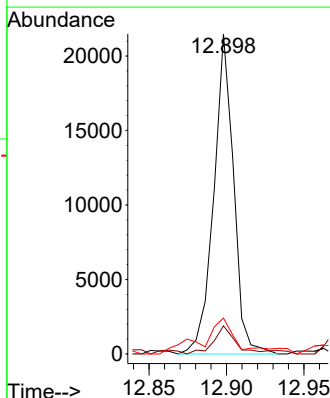
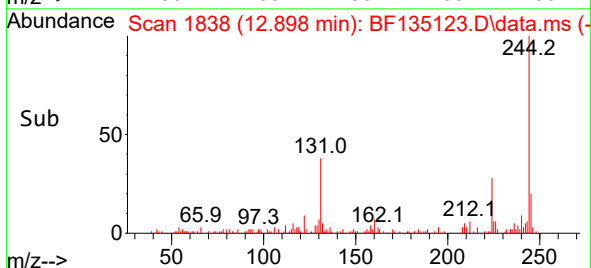
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

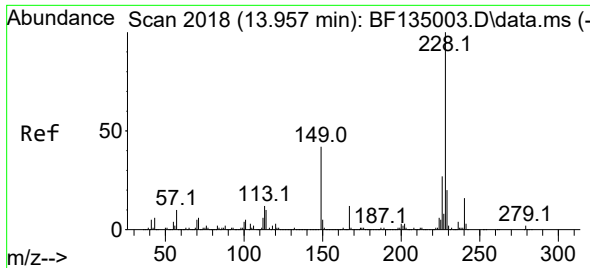


#79  
Terphenyl-d14  
Concen: 1.944 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



Tgt Ion:244 Resp: 19158  
Ion Ratio Lower Upper  
244 100  
212 8.8 5.6 8.4#  
122 11.2 9.8 14.6





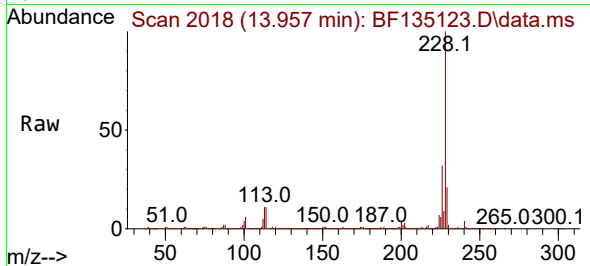
#81  
Benzo(a)anthracene  
Concen: 109.848 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

Instrument :

BNA\_F

ClientSampleId :

SB-07(14-15)DL

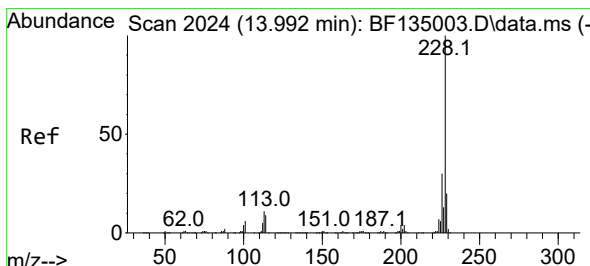
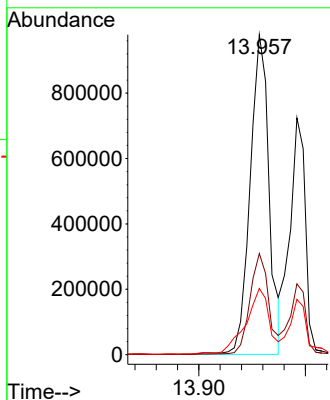
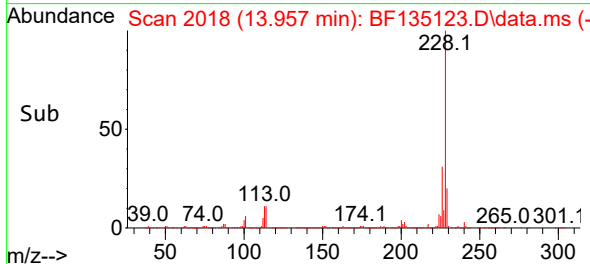


Tgt Ion:228 Resp: 1205260  
Ion Ratio Lower Upper  
228 100  
226 31.6 21.6 32.4  
229 20.7 15.6 23.4

Manual Integrations

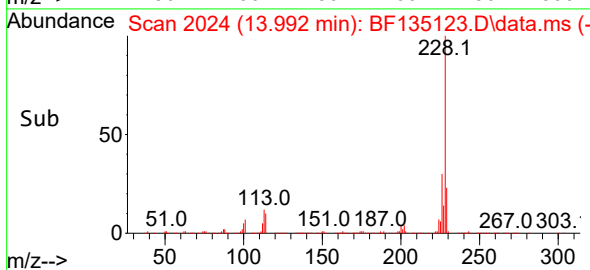
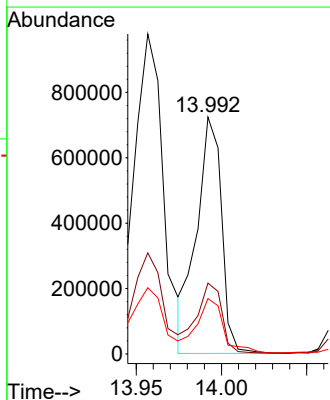
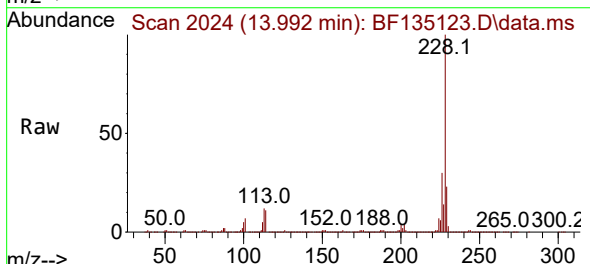
APPROVED

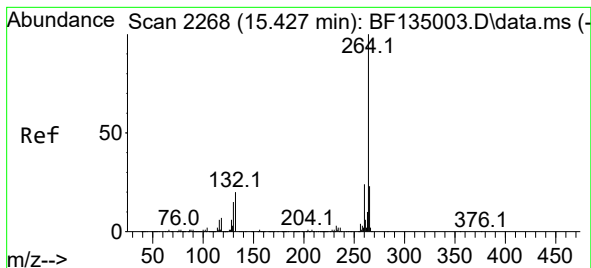
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023



#83  
Chrysene  
Concen: 68.585 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

Tgt Ion:228 Resp: 739550  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.2 36.4  
229 23.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135123.D

Acq: 06 Sep 2023 07:07

Instrument :

BNA\_F

ClientSampleId :

SB-07(14-15)DL

Tgt Ion:264 Resp: 14769

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

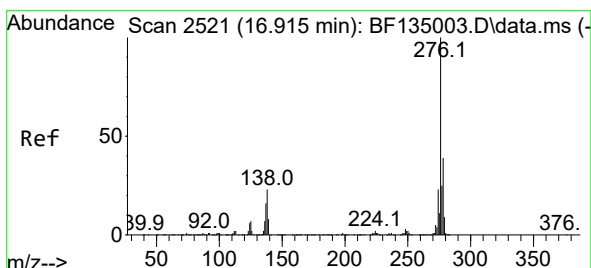
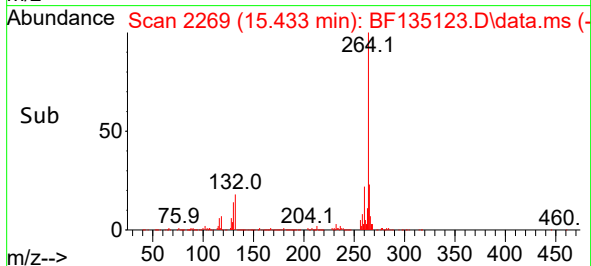
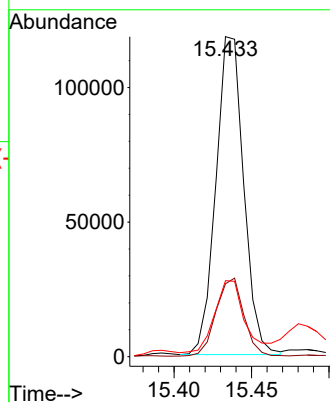
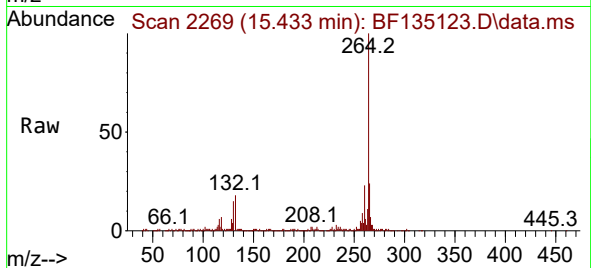
265 23.7 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.206 ng m

RT: 16.921 min Scan# 2522

Delta R.T. 0.006 min

Lab File: BF135123.D

Acq: 06 Sep 2023 07:07

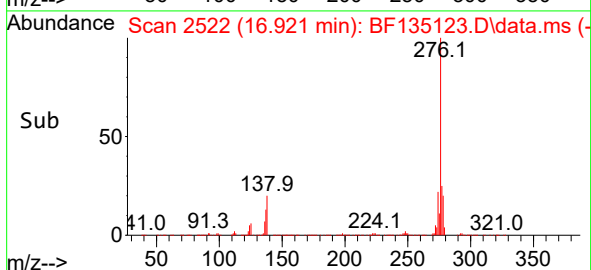
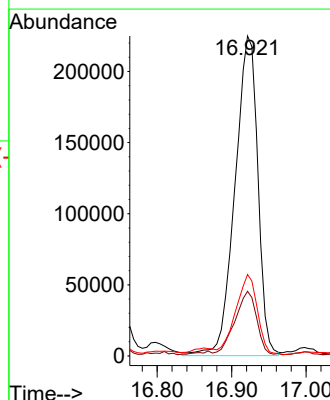
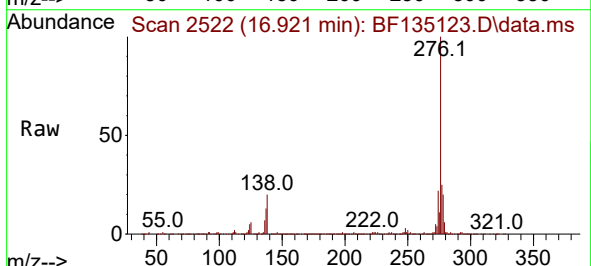
Tgt Ion:276 Resp: 479564

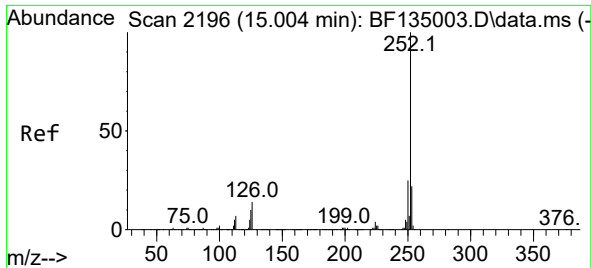
Ion Ratio Lower Upper

276 100

138 3.4 20.2 30.2#

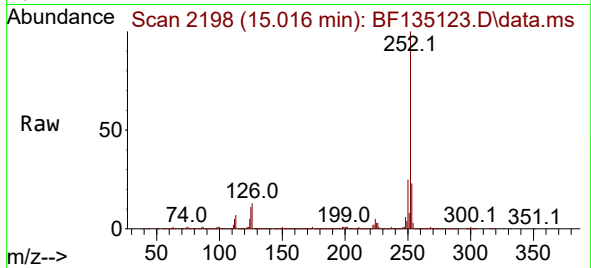
277 4.1 20.4 30.6#





#88  
Benzo(b)fluoranthene  
Concen: 110.277 ng m  
RT: 15.016 min Scan# 2196  
Delta R.T. 0.012 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

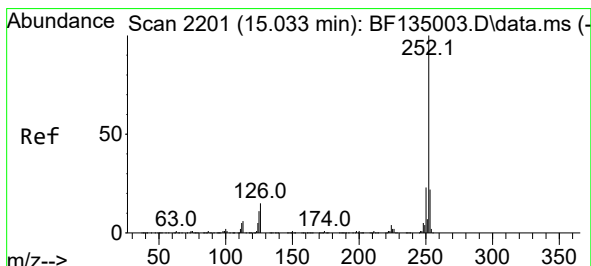
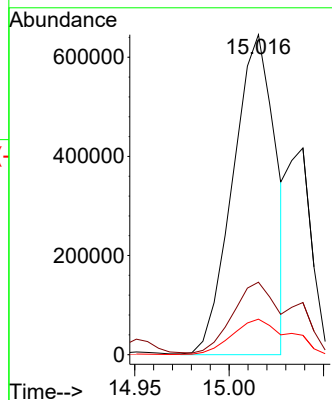
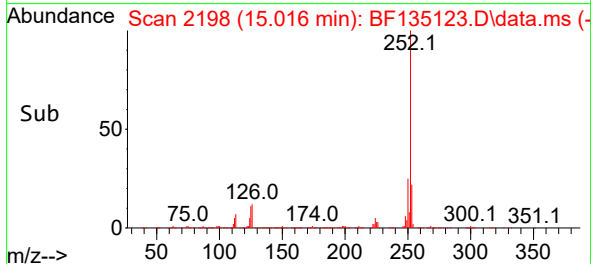
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



Tgt Ion:252 Resp: 1013428  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.8 26.8  
125 11.1 8.4 12.6

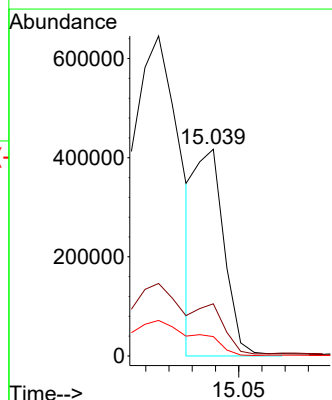
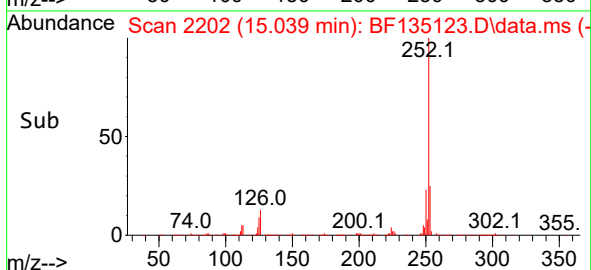
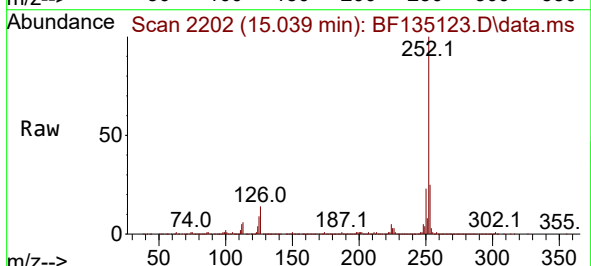
Manual Integrations  
APPROVED

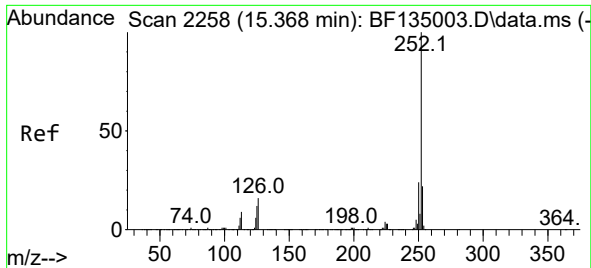
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023



#89  
Benzo(k)fluoranthene  
Concen: 40.883 ng m  
RT: 15.039 min Scan# 2202  
Delta R.T. 0.006 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

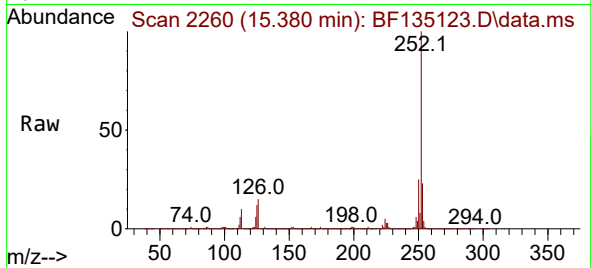
Tgt Ion:252 Resp: 362966  
Ion Ratio Lower Upper  
252 100  
253 25.2 17.4 26.0  
125 9.3 8.5 12.7





#90  
Benzo(a)pyrene  
Concen: 97.136 ng  
RT: 15.380 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07

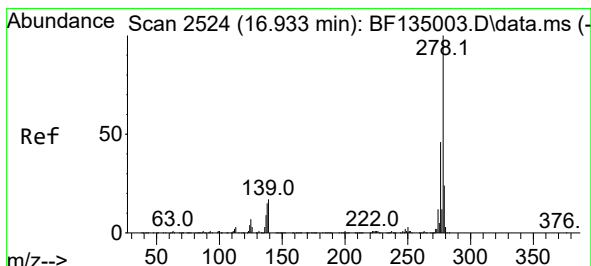
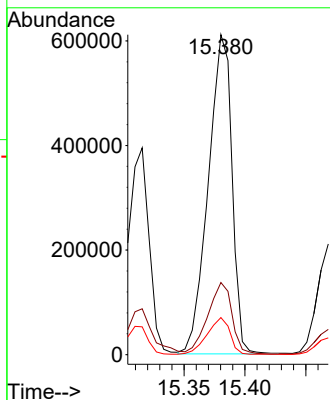
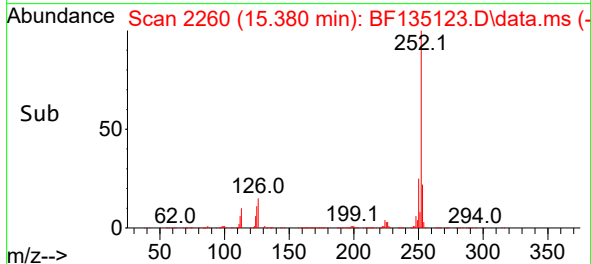
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07(14-15)DL



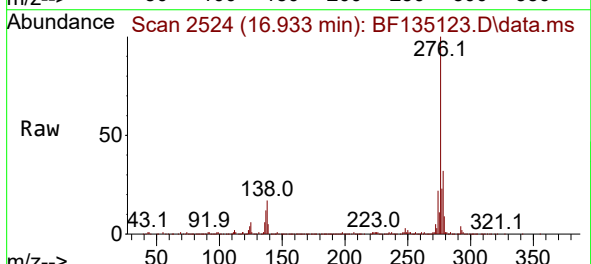
Tgt Ion:252 Resp: 829254  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.4 26.0  
125 11.6 9.5 14.3

Manual Integrations  
APPROVED

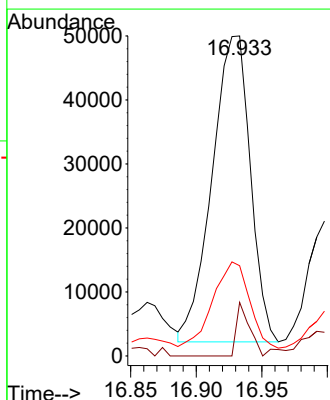
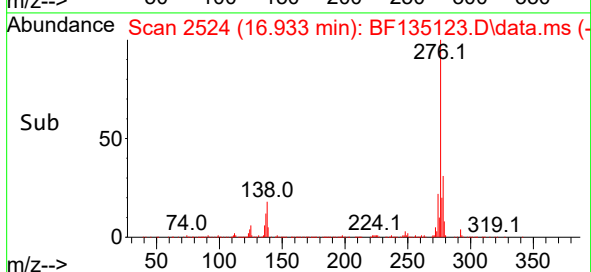
Reviewed By :Yogesh Patel 09/06/2023  
Supervised By :mohammad ahmed 09/07/2023

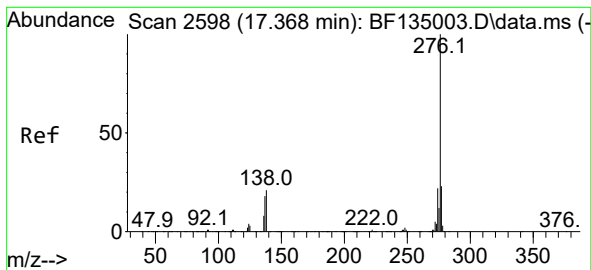


#91  
Dibenzo(a,h)anthracene  
Concen: 12.033 ng  
RT: 16.933 min Scan# 2524  
Delta R.T. 0.000 min  
Lab File: BF135123.D  
Acq: 06 Sep 2023 07:07



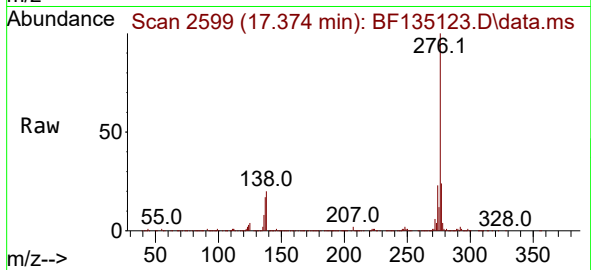
Tgt Ion:278 Resp: 96955  
Ion Ratio Lower Upper  
278 100  
139 16.8 13.4 20.2  
279 28.2 19.5 29.3





#92  
 Benzo(g,h,i)perylene  
 Concen: 49.277 ng  
 RT: 17.374 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF135123.D  
 Acq: 06 Sep 2023 07:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07(14-15)DL



Tgt Ion: 276 Resp: 41294  
 Ion Ratio Lower Upper  
 276 100  
 277 24.3 18.5 27.7  
 138 20.4 17.1 25.7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023  
 Supervised By :mohammad ahmed 09/07/2023

