

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
 Data File : BF130438.D  
 Acq On : 27 Sep 2022 22:38  
 Operator : CG\JU  
 Sample : N4844-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-04-092622

Quant Time: Sep 28 03:02:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/28/2022  
 Supervised By : Jagrut Upadhyay 09/28/2022

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.645  | 152  | 79789    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.928  | 136  | 262363   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.674  | 164  | 129380   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.163 | 188  | 238053   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.810 | 240  | 210768   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12            | 15.198 | 264  | 154892   | 20.000  | ng    | # 0.02   |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.245  | 112  | 461199   | 100.256 | ng    | 0.00     |
| 7) Phenol-d6                | 6.286  | 99   | 515644   | 89.585  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.210  | 82   | 319302   | 62.176  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.469 | 330  | 150355   | 121.283 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.004  | 172  | 559405   | 62.962  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.751 | 244  | 760293   | 59.754  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 7.951  | 128  | 869699   | 64.343  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.639  | 142  | 388525   | 45.083  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.739  | 142  | 321972   | 38.891  | ng    | 99       |
| 46) 1,1'-Biphenyl           | 9.104  | 154  | 105208   | 10.888  | ng    | 98       |
| 49) Acenaphthylene          | 9.539  | 152  | 269525   | 22.998  | ng    | 98       |
| 52) Acenaphthene            | 9.710  | 154  | 273978   | 35.581  | ng    | 98       |
| 55) Dibenzofuran            | 9.886  | 168  | 623493   | 58.214  | ng    | 95       |
| 58) Fluorene                | 10.227 | 166  | 712007   | 81.287  | ng    | 97       |
| 71) Phenanthrene            | 11.210 | 178  | 5753245  | 430.462 | ng    | 94       |
| 72) Anthracene              | 11.251 | 178  | 1413323  | 109.579 | ng    | 100      |
| 73) Carbazole               | 11.398 | 167  | 738637   | 63.456  | ng    | 99       |
| 75) Fluoranthene            | 12.398 | 202  | 6485129  | 502.146 | ng    | 97       |
| 78) Pyrene                  | 12.627 | 202  | 5705124  | 309.421 | ng    | 95       |
| 81) Benzo(a)anthracene      | 13.804 | 228  | 2828399m | 201.721 | ng    |          |
| 83) Chrysene                | 13.845 | 228  | 2446850m | 183.790 | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 16.545 | 276  | 891964   | 81.206  | ng    | # 93     |
| 88) Benzo(b)fluoranthene    | 14.821 | 252  | 2593090m | 256.494 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.845 | 252  | 473664m  | 47.629  | ng    |          |
| 90) Benzo(a)pyrene          | 15.156 | 252  | 1574233  | 196.550 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.545 | 278  | 244646m  | 27.150  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 16.950 | 276  | 816777   | 89.983  | ng    | 97       |
| -----                       |        |      |          |         |       |          |

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

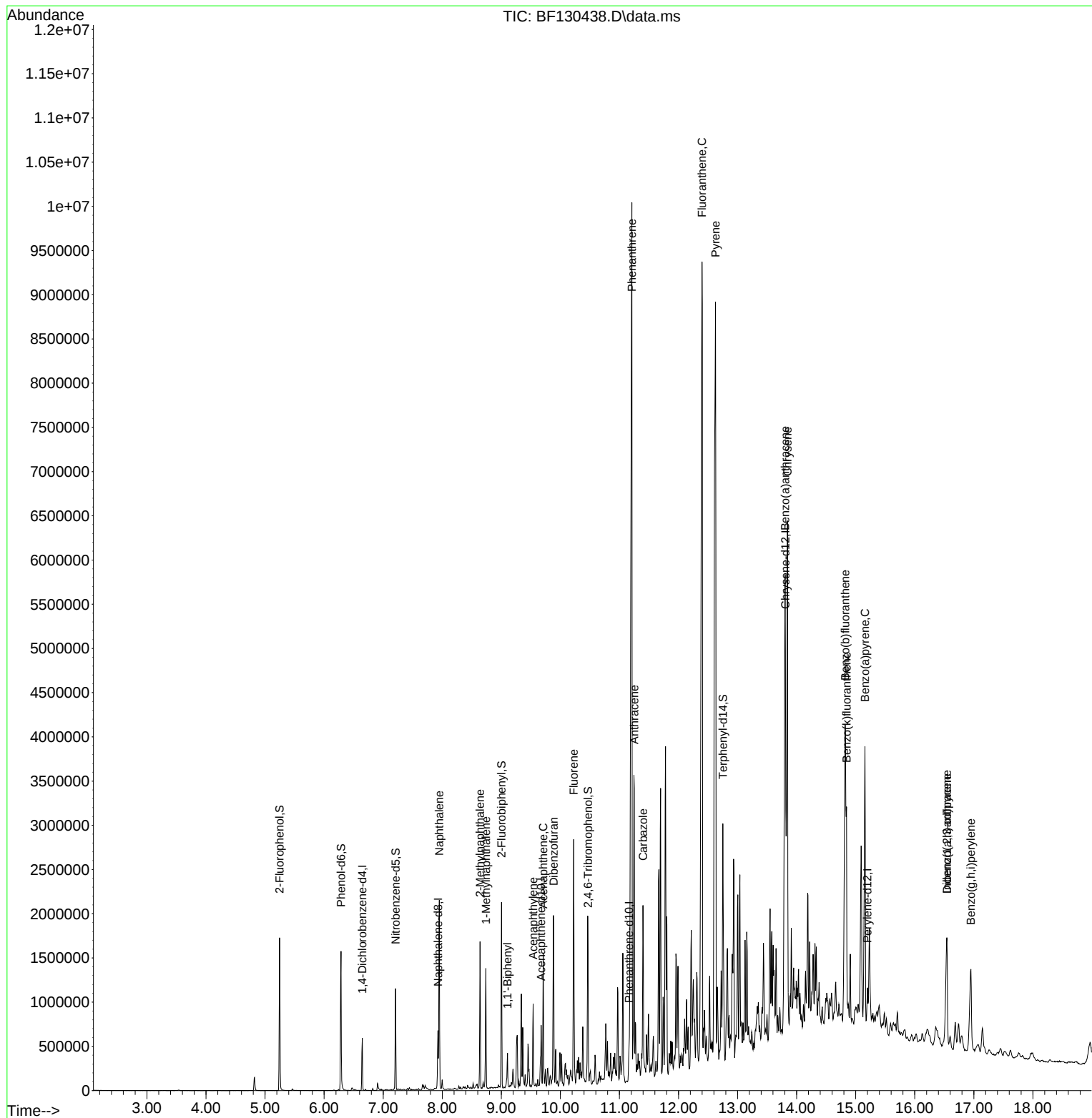
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
Data File : BF130438.D  
Acq On : 27 Sep 2022 22:38  
Operator : CG\JU  
Sample : N4844-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622

Quant Time: Sep 28 03:02:55 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 28 02:59:31 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

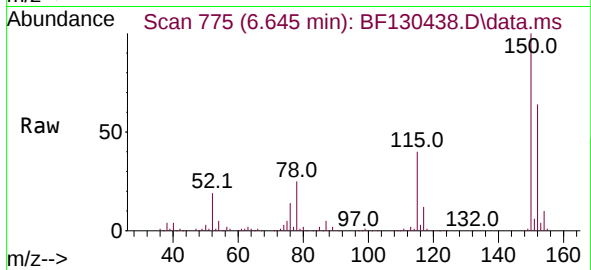
Reviewed By : Christian Giraldo 09/28/2022  
Supervised By : Jagrut Upadhyay 09/28/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.645 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

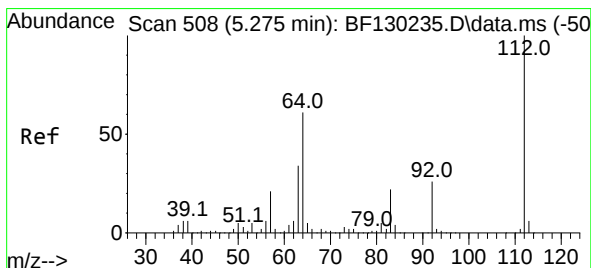
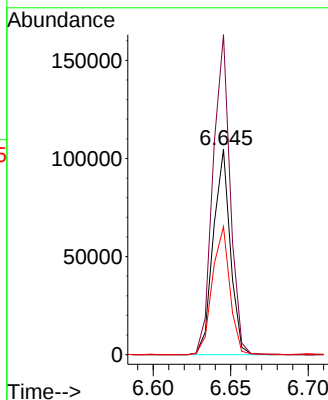
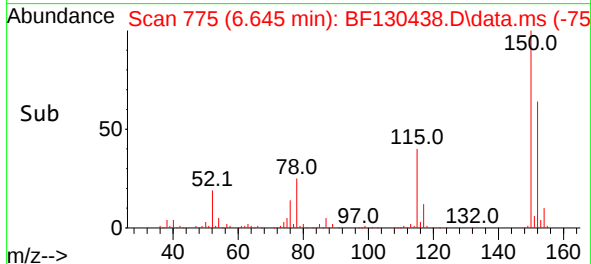
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion:152 Resp: 79789  
Ion Ratio Lower Upper  
152 100  
150 155.9 122.8 184.2  
115 62.4 53.8 80.8

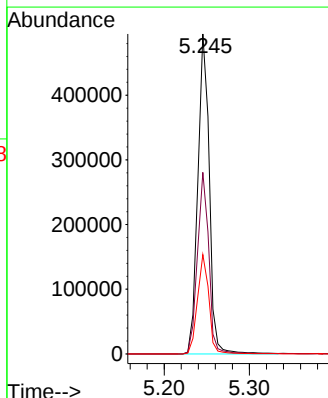
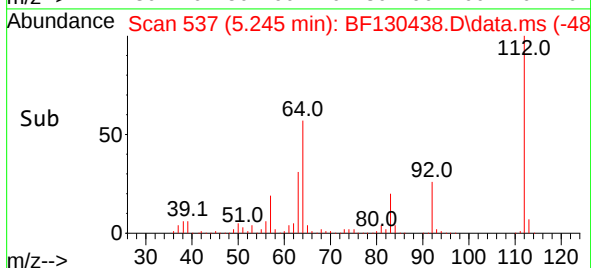
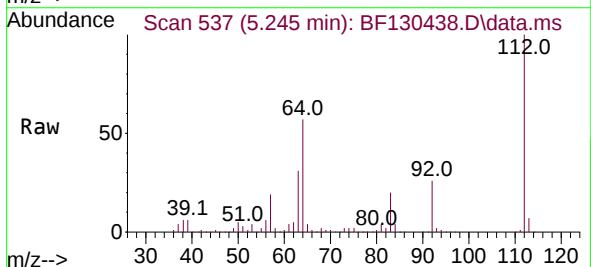
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#5  
2-Fluorophenol  
Concen: 100.256 ng  
RT: 5.245 min Scan# 537  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

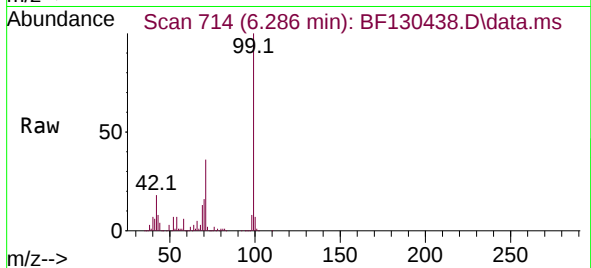
Tgt Ion:112 Resp: 461199  
Ion Ratio Lower Upper  
112 100  
64 56.7 51.4 77.0  
63 31.0 28.8 43.2





#7  
Phenol-d6  
Concen: 89.585 ng  
RT: 6.286 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

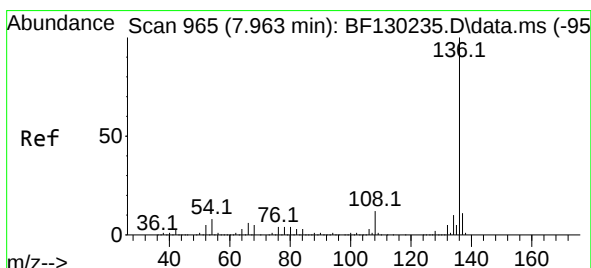
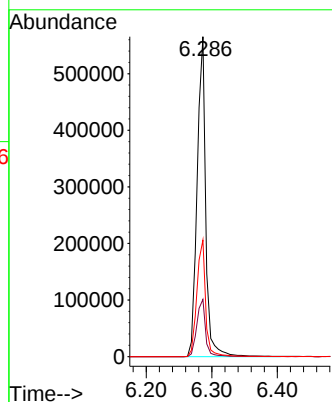
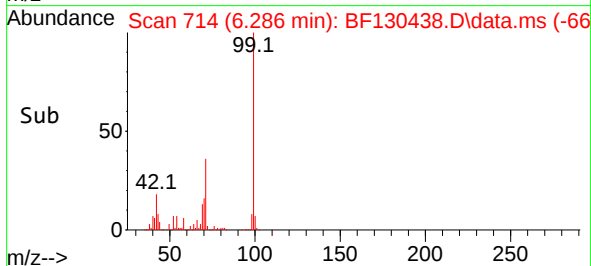
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion: 99 Resp: 515644  
Ion Ratio Lower Upper  
99 100  
42 17.9 17.0 25.6  
71 36.4 32.3 48.5

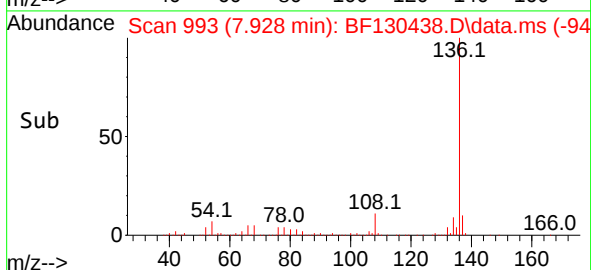
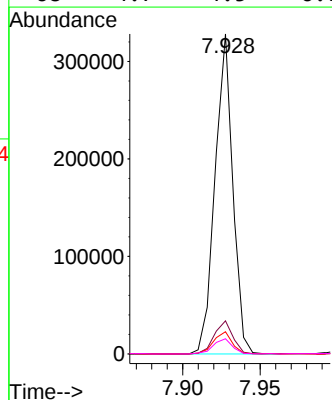
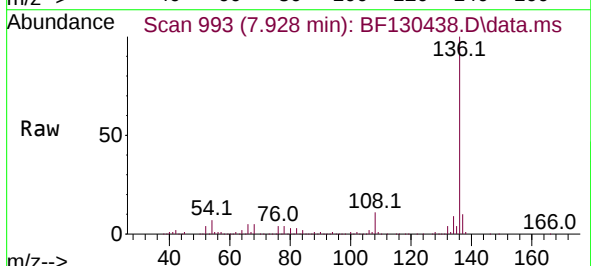
Manual Integrations  
APPROVED

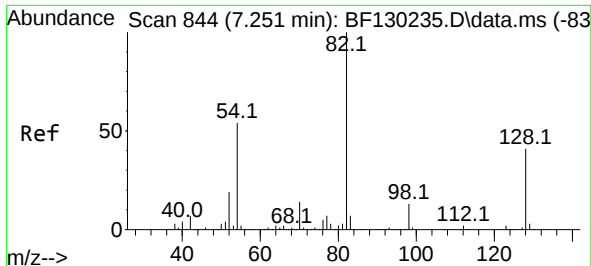
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

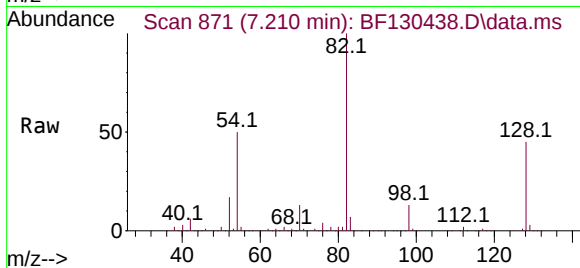
Tgt Ion:136 Resp: 262363  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.1 13.7  
54 6.9 7.1 10.7#  
68 4.7 4.5 6.7





#23  
Nitrobenzene-d5  
Concen: 62.176 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

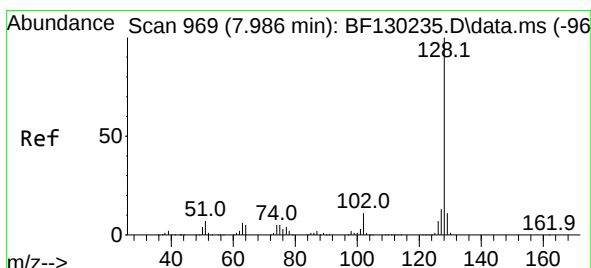
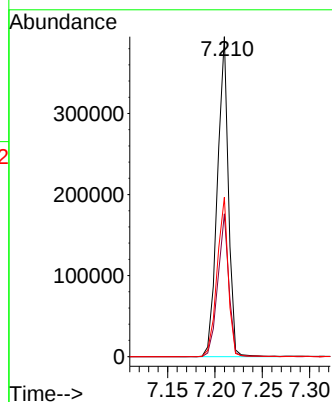
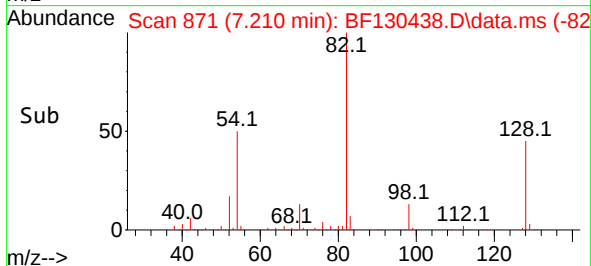
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion: 82 Resp: 319302  
Ion Ratio Lower Upper  
82 100  
128 44.7 32.6 49.0  
54 49.8 43.8 65.6

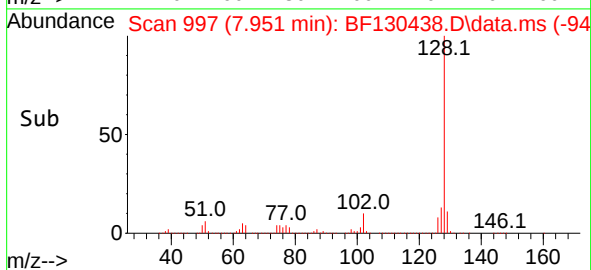
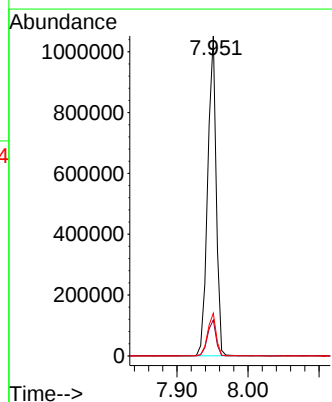
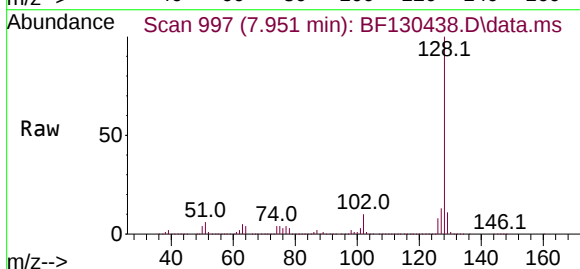
Manual Integrations  
APPROVED

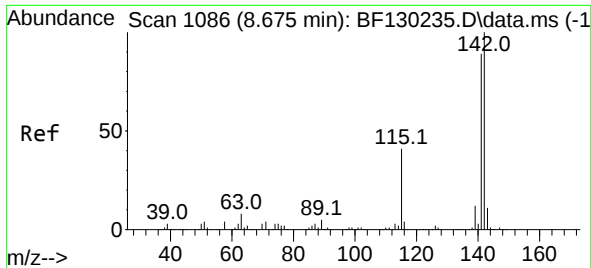
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#31  
Naphthalene  
Concen: 64.343 ng  
RT: 7.951 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

Tgt Ion:128 Resp: 869699  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.1 13.7  
127 13.4 10.6 16.0





#37

2-Methylnaphthalene

Concen: 45.083 ng

RT: 8.639 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF130438.D

Acq: 27 Sep 2022 22:38

Instrument :

BNA\_F

ClientSampleId :

SU-04-092622

Tgt Ion:142 Resp: 388525

Ion Ratio Lower Upper

142 100

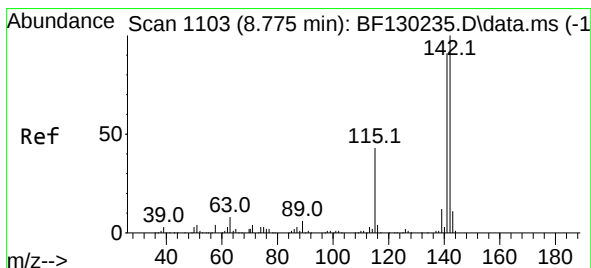
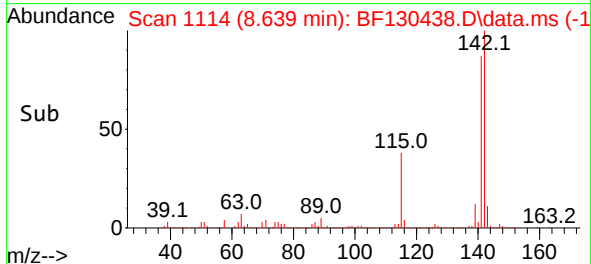
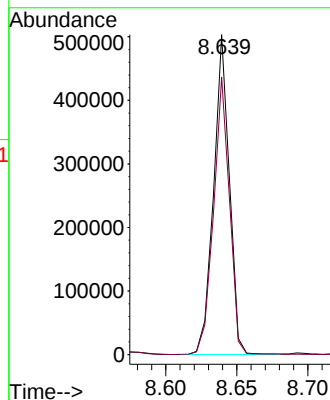
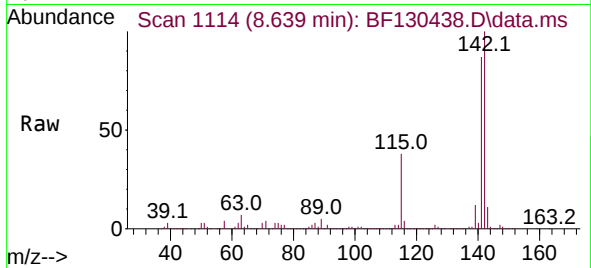
141 86.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#38

1-Methylnaphthalene

Concen: 38.891 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF130438.D

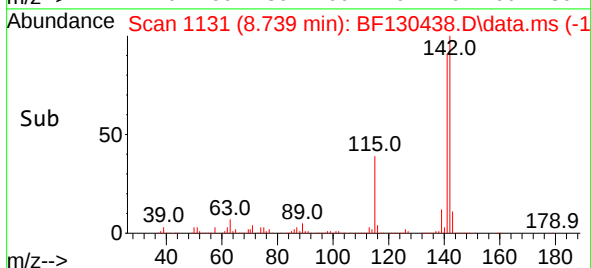
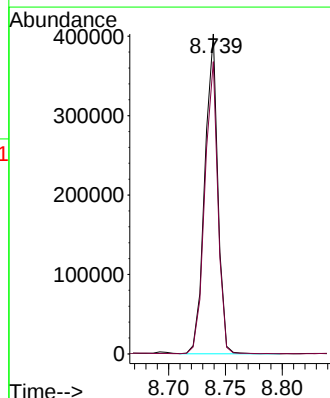
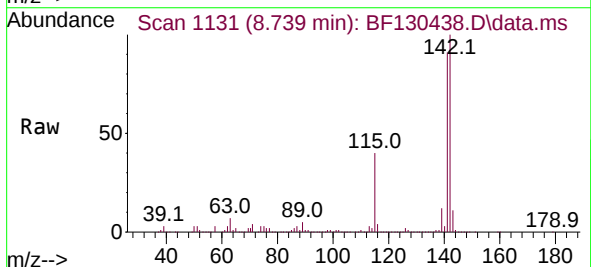
Acq: 27 Sep 2022 22:38

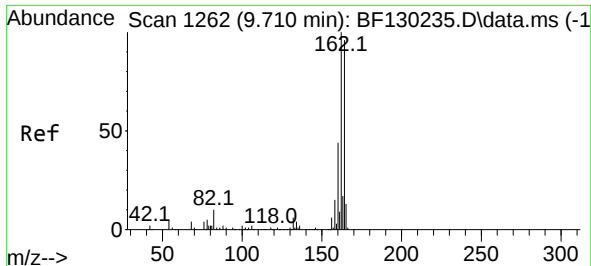
Tgt Ion:142 Resp: 321972

Ion Ratio Lower Upper

142 100

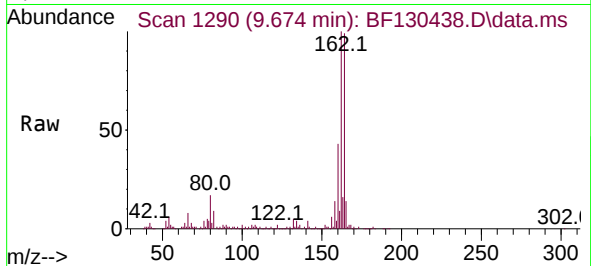
141 91.3 73.8 110.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.674 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

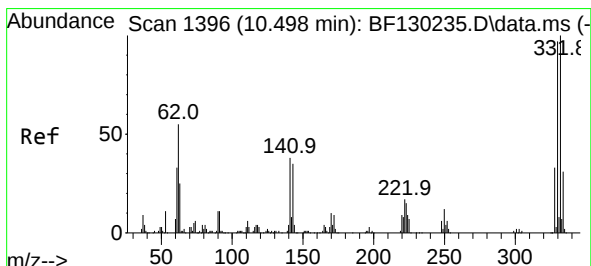
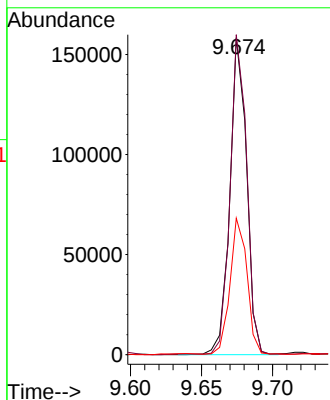
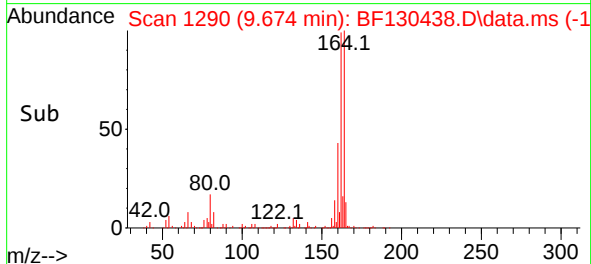
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



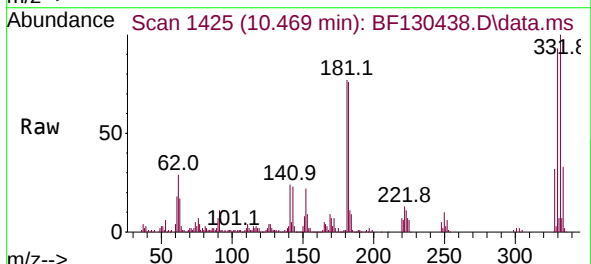
Tgt Ion:164 Resp: 129380  
Ion Ratio Lower Upper  
164 100  
162 101.0 81.4 122.0  
160 43.0 36.2 54.4

Manual Integrations  
APPROVED

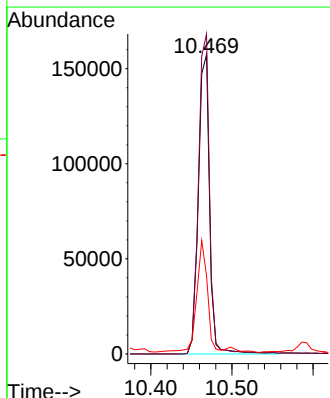
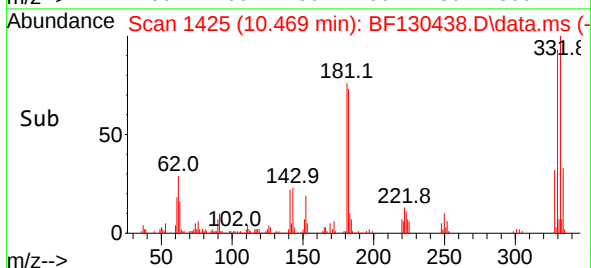
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022

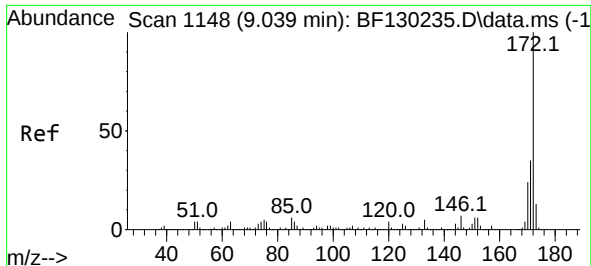


#42  
2,4,6-Tribromophenol  
Concen: 121.283 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38



Tgt Ion:330 Resp: 150355  
Ion Ratio Lower Upper  
330 100  
332 106.1 83.4 125.2  
141 35.3 34.0 51.0





#45  
2-Fluorobiphenyl  
Concen: 62.962 ng  
RT: 9.004 min Scan# 11176  
Delta R.T. -0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

Instrument :

BNA\_F

ClientSampleId :

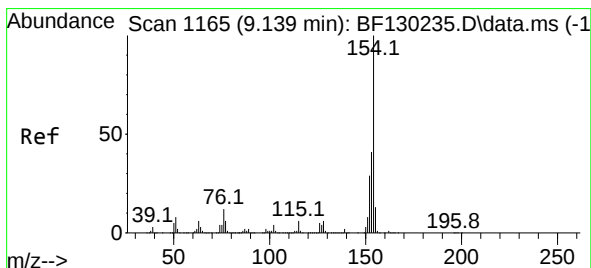
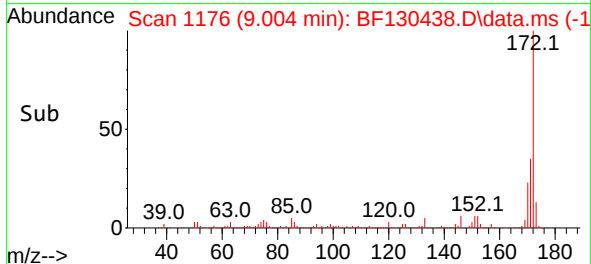
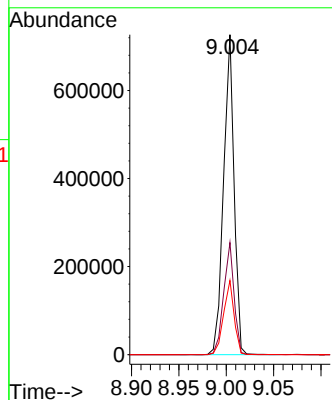
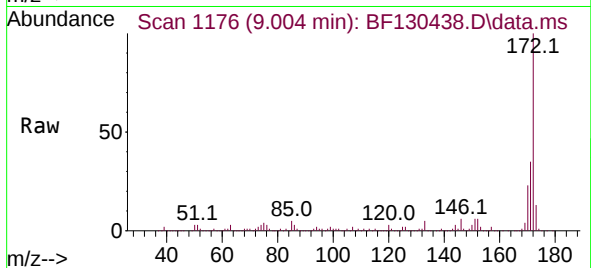
SU-04-092622

Tgt Ion:172 Resp: 559405  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.3 42.5  
170 23.2 18.7 28.1

Manual Integrations

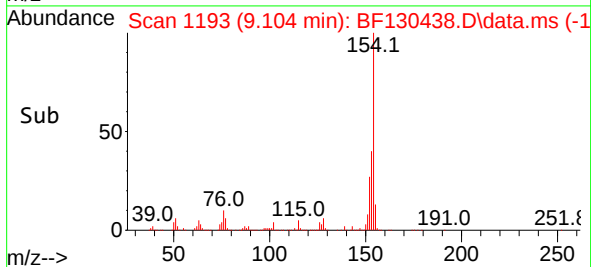
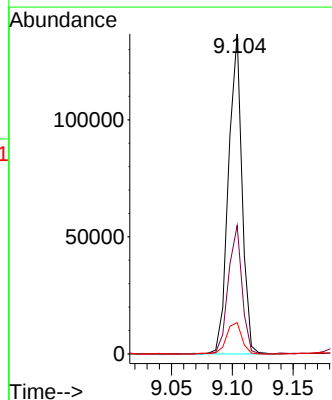
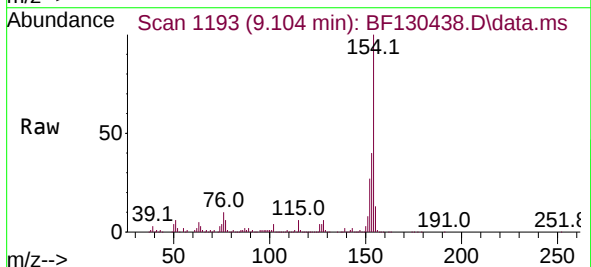
APPROVED

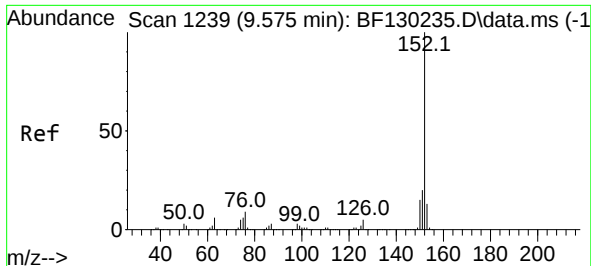
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#46  
1,1'-Biphenyl  
Concen: 10.888 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

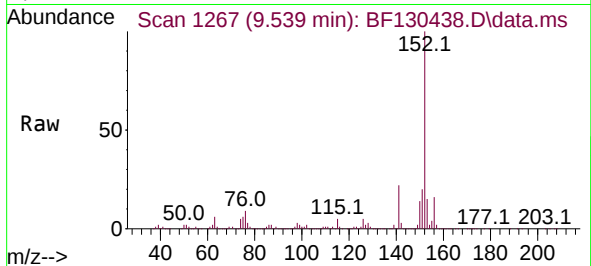
Tgt Ion:154 Resp: 105208  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.0 60.0  
76 9.8 0.0 33.3





#49  
Acenaphthylene  
Concen: 22.998 ng  
RT: 9.539 min Scan# 1267  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

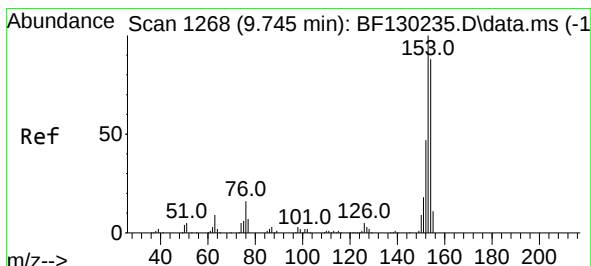
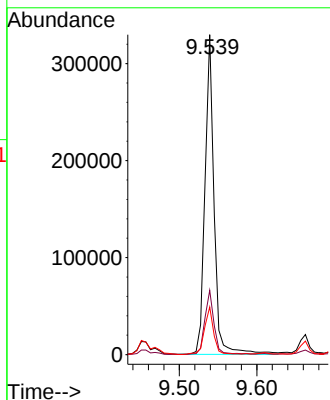
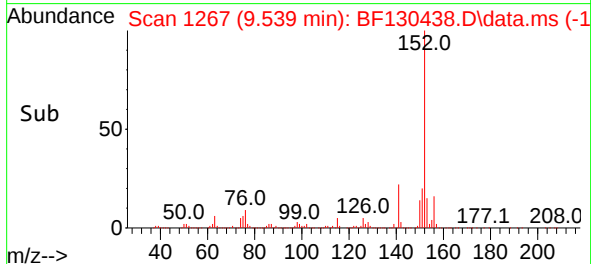
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



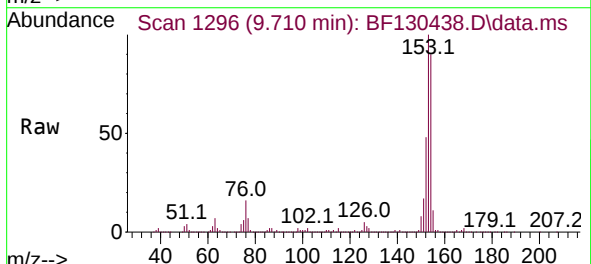
Tgt Ion:152 Resp: 269525  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 14.9 10.6 15.8

Manual Integrations  
APPROVED

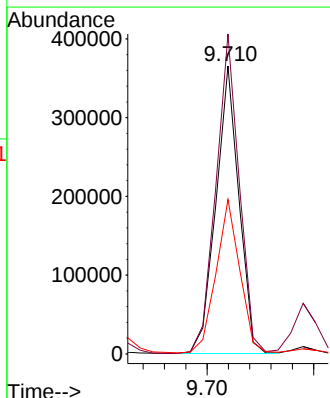
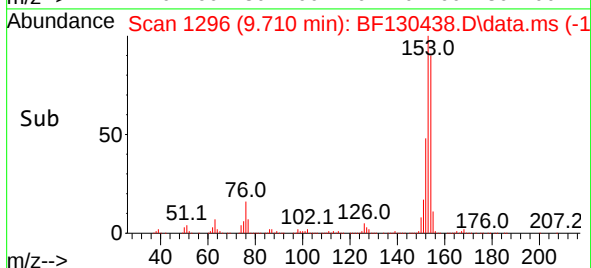
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022

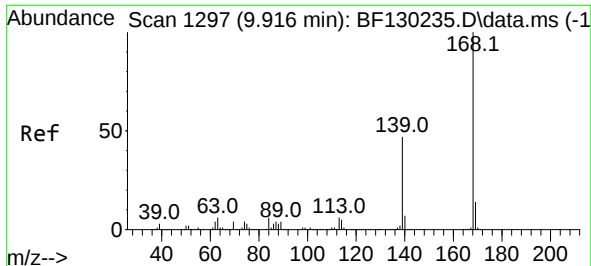


#52  
Acenaphthene  
Concen: 35.581 ng  
RT: 9.710 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38



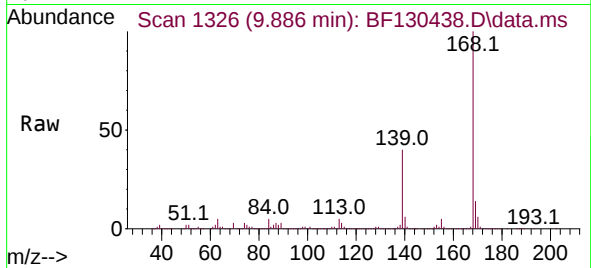
Tgt Ion:154 Resp: 273978  
Ion Ratio Lower Upper  
154 100  
153 111.2 90.6 136.0  
152 53.7 43.8 65.6





#55  
Dibenzofuran  
Concen: 58.214 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

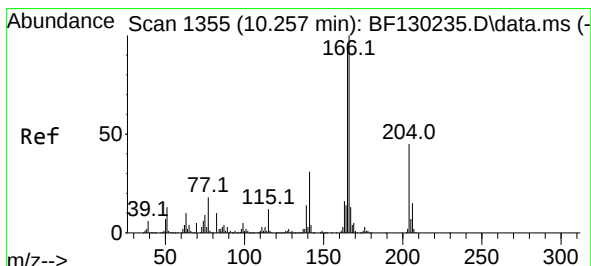
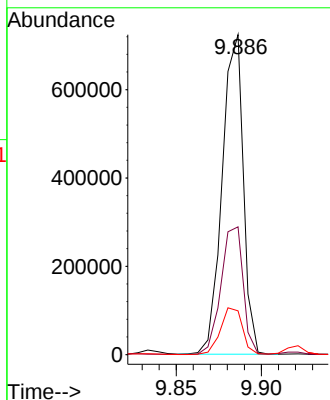
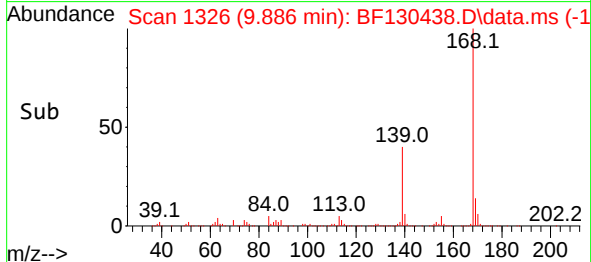
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



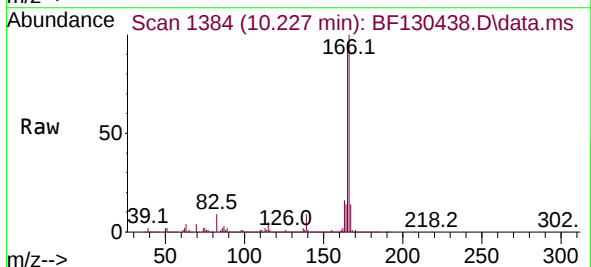
Tgt Ion:168 Resp: 623493  
Ion Ratio Lower Upper  
168 100  
139 39.9 35.0 52.4  
169 13.7 10.9 16.3

Manual Integrations  
APPROVED

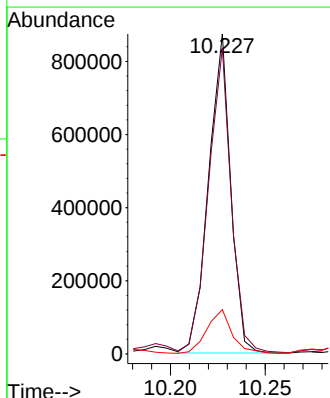
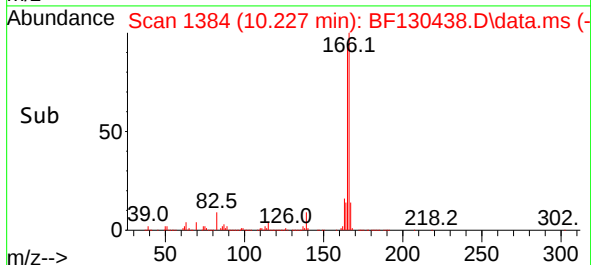
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022

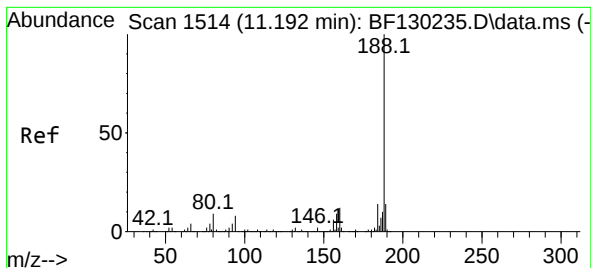


#58  
Fluorene  
Concen: 81.287 ng  
RT: 10.227 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38



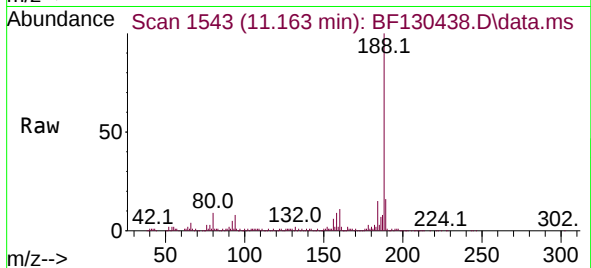
Tgt Ion:166 Resp: 712007  
Ion Ratio Lower Upper  
166 100  
165 95.6 78.8 118.2  
167 13.8 10.6 15.8





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

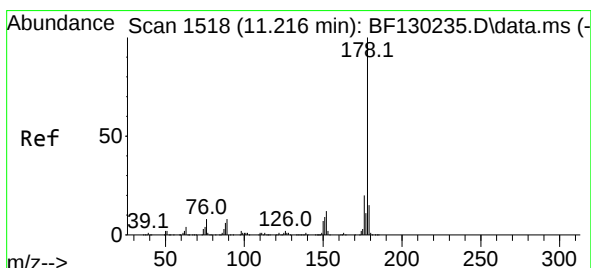
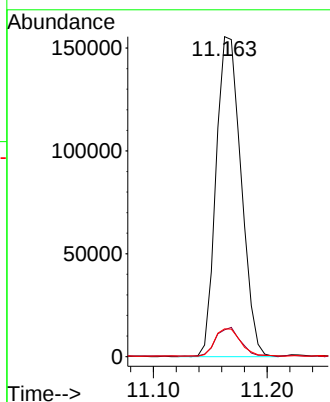
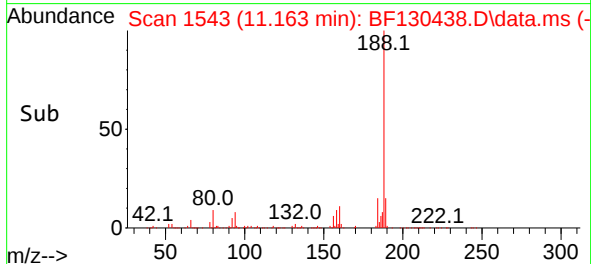
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion:188 Resp: 238053  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.4 11.2  
80 8.7 7.9 11.9

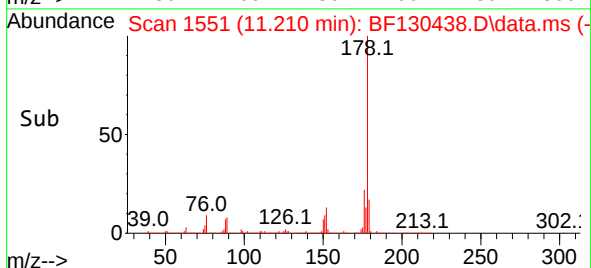
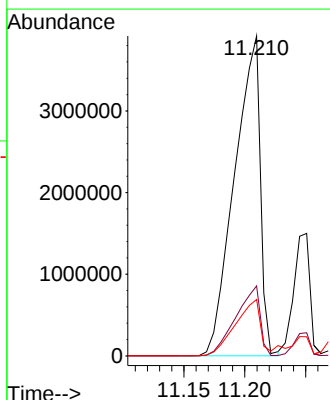
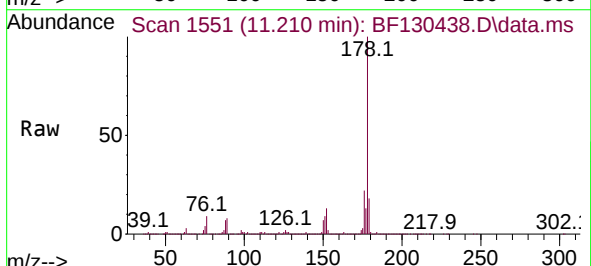
Manual Integrations  
APPROVED

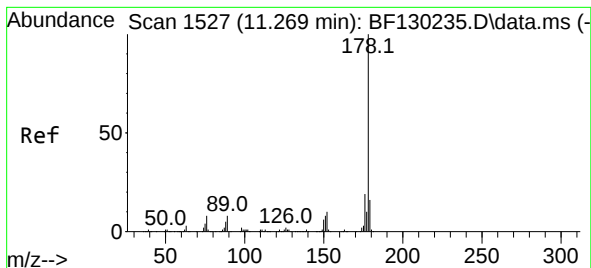
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#71  
Phenanthrene  
Concen: 430.462 ng  
RT: 11.210 min Scan# 1551  
Delta R.T. 0.023 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

Tgt Ion:178 Resp: 5753245  
Ion Ratio Lower Upper  
178 100  
176 21.9 15.4 23.0  
179 17.6 12.4 18.6





#72

Anthracene

Concen: 109.579 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.018 min

Lab File: BF130438.D

Acq: 27 Sep 2022 22:38

Instrument :

BNA\_F

ClientSampleId :

SU-04-092622

Tgt Ion:178 Resp: 141332

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

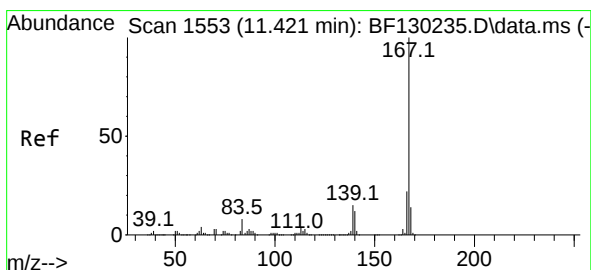
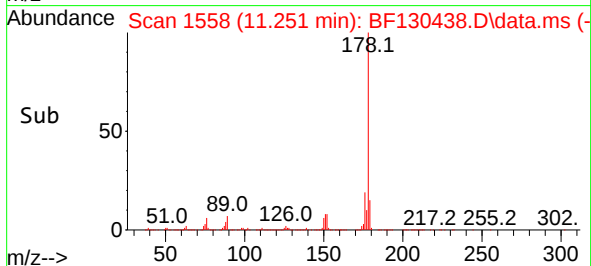
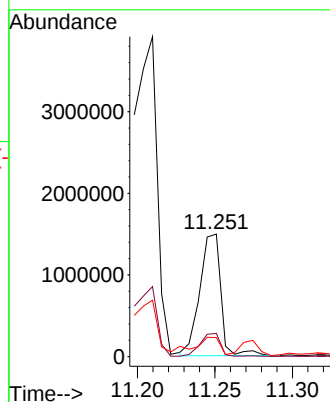
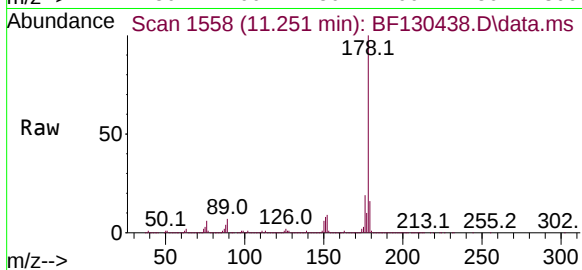
179 15.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#73

Carbazole

Concen: 63.456 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF130438.D

Acq: 27 Sep 2022 22:38

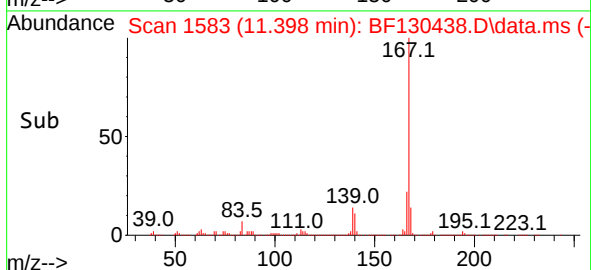
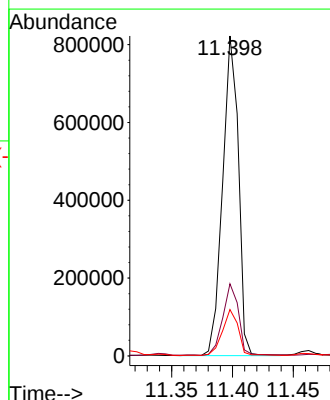
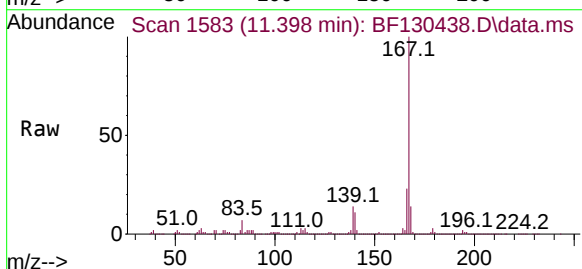
Tgt Ion:167 Resp: 738637

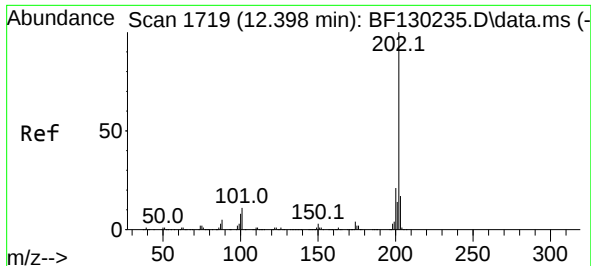
Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.2

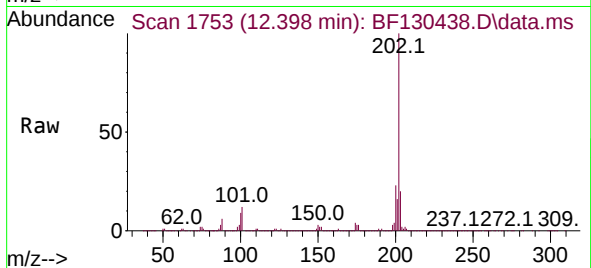
139 14.5 11.6 17.4





#75  
Fluoranthene  
Concen: 502.146 ng  
RT: 12.398 min Scan# 1719  
Delta R.T. 0.029 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

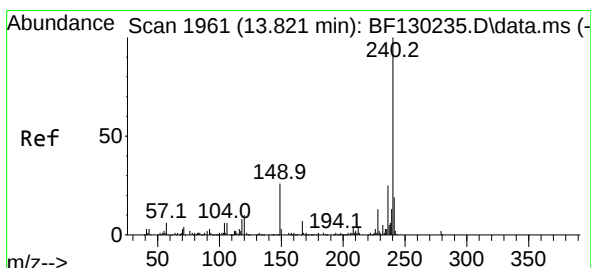
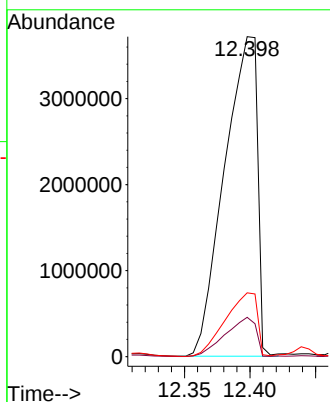
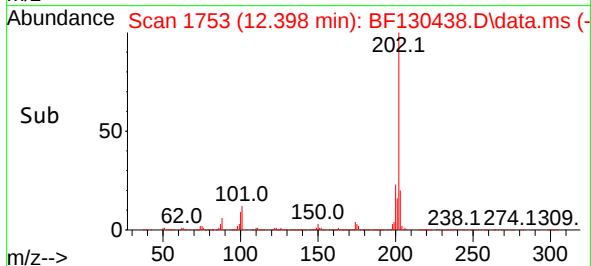
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



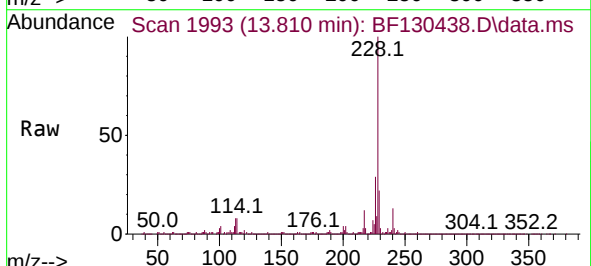
Tgt Ion:202 Resp: 6485129  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 31.8  
203 19.9 0.0 37.8

Manual Integrations  
APPROVED

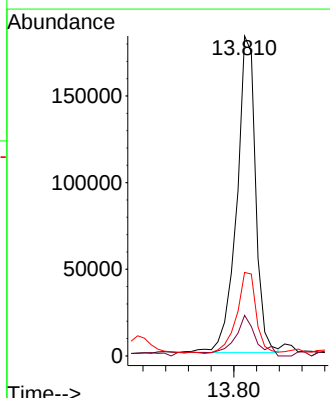
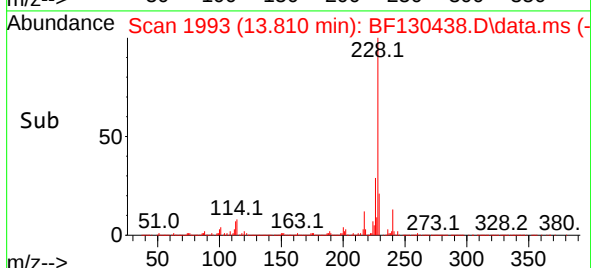
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022

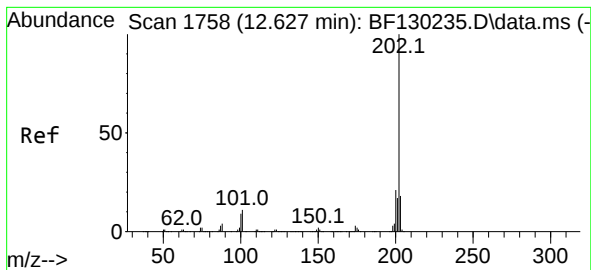


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.810 min Scan# 1993  
Delta R.T. 0.018 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38



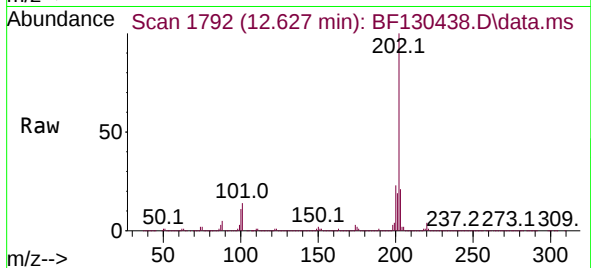
Tgt Ion:240 Resp: 210768  
Ion Ratio Lower Upper  
240 100  
120 12.7 8.7 13.1  
236 26.1 20.9 31.3





#78  
Pyrene  
Concen: 309.421 ng  
RT: 12.627 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

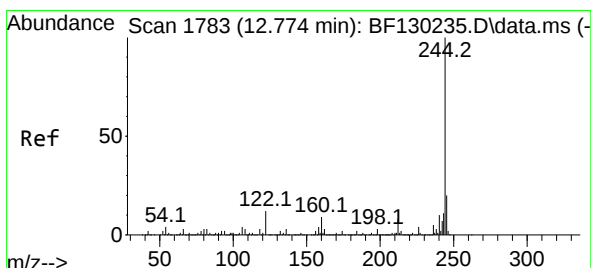
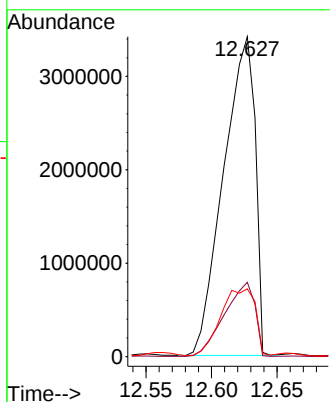
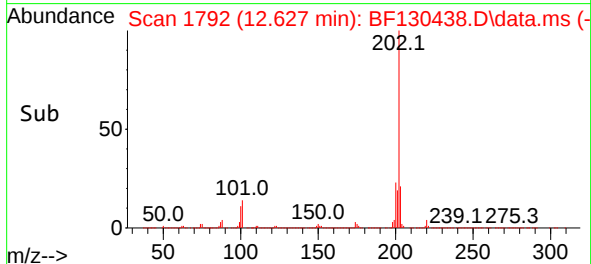
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



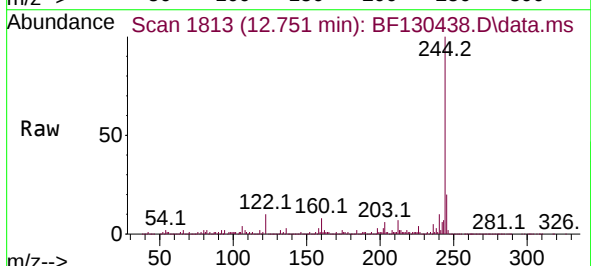
Tgt Ion:202 Resp: 5705124  
Ion Ratio Lower Upper  
202 100  
200 23.2 17.2 25.8  
203 21.2 14.3 21.5

Manual Integrations  
APPROVED

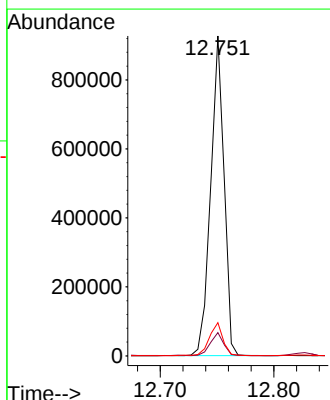
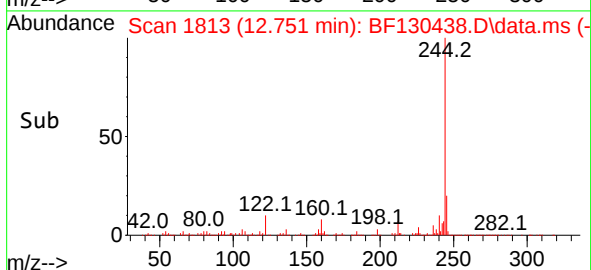
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022

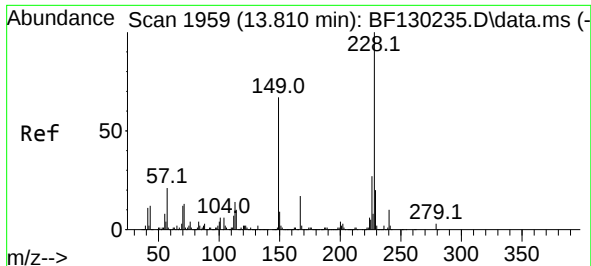


#79  
Terphenyl-d14  
Concen: 59.754 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38



Tgt Ion:244 Resp: 760293  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.9 8.9  
122 10.4 8.5 12.7





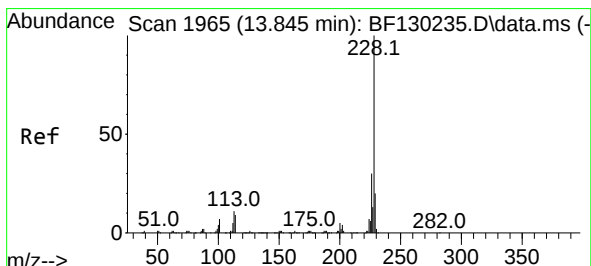
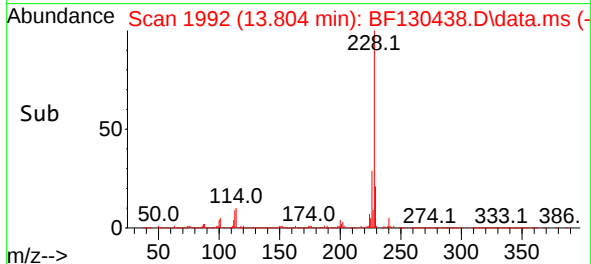
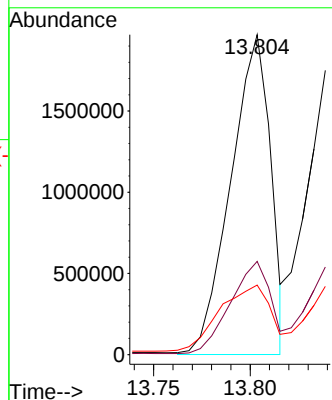
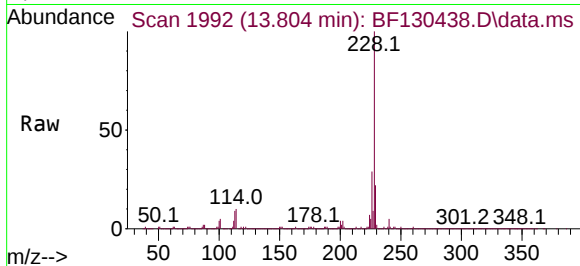
#81  
Benzo(a)anthracene  
Concen: 201.721 ng m  
RT: 13.804 min Scan# 1959  
Delta R.T. 0.023 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622

Tgt Ion:228 Resp: 2828395  
Ion Ratio Lower Upper  
228 100  
226 29.1 21.9 32.9  
229 21.7 16.1 24.1

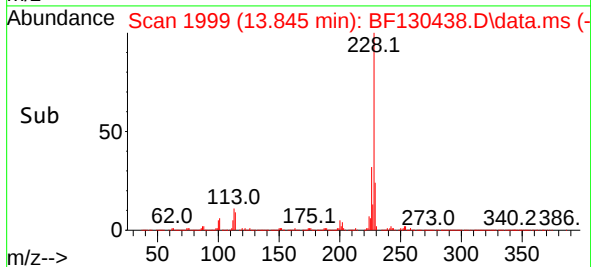
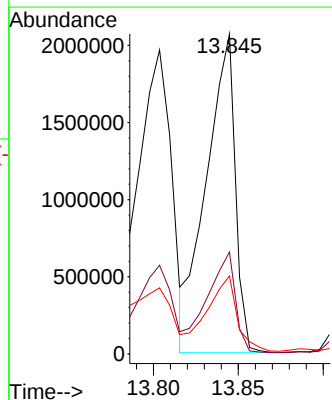
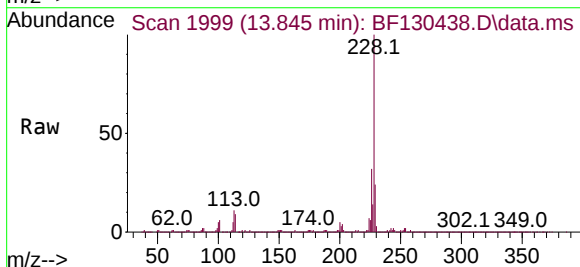
Manual Integrations  
APPROVED

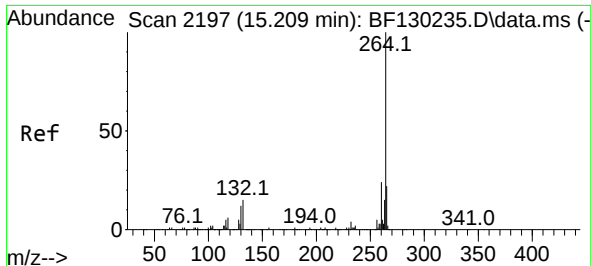
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#83  
Chrysene  
Concen: 183.790 ng m  
RT: 13.845 min Scan# 1999  
Delta R.T. 0.029 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

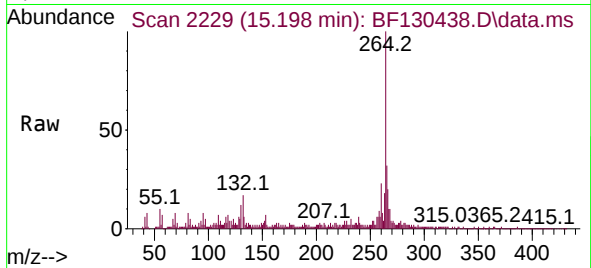
Tgt Ion:228 Resp: 2446850  
Ion Ratio Lower Upper  
228 100  
226 31.8 23.8 35.8  
229 24.4 15.3 22.9#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.198 min Scan# 2197  
Delta R.T. 0.023 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

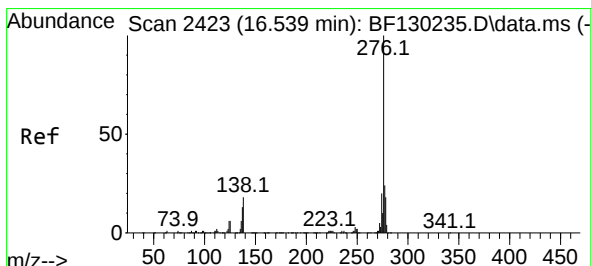
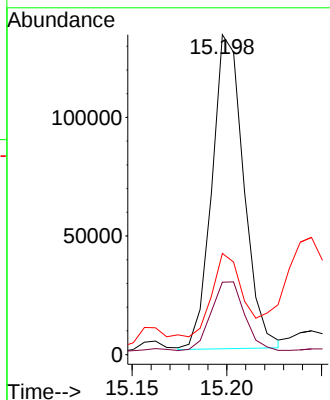
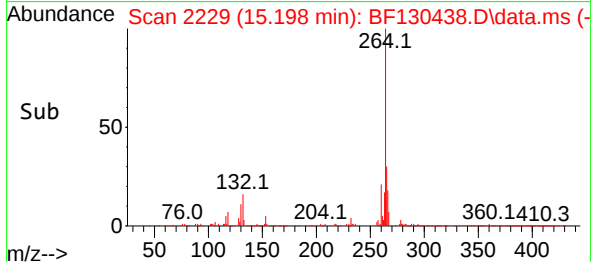
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion:264 Resp: 154892  
Ion Ratio Lower Upper  
264 100  
260 22.6 19.3 28.9  
265 31.6 17.0 25.4

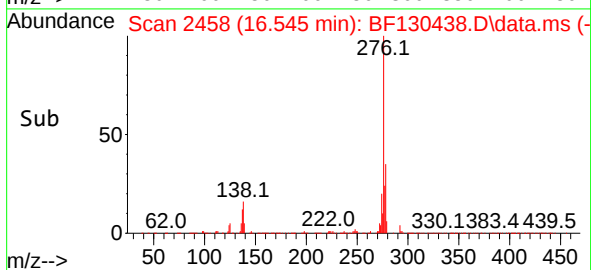
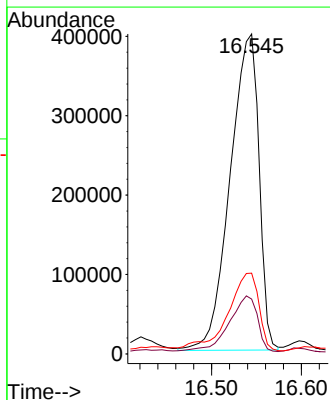
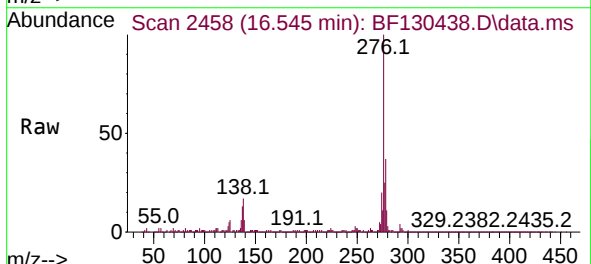
Manual Integrations  
APPROVED

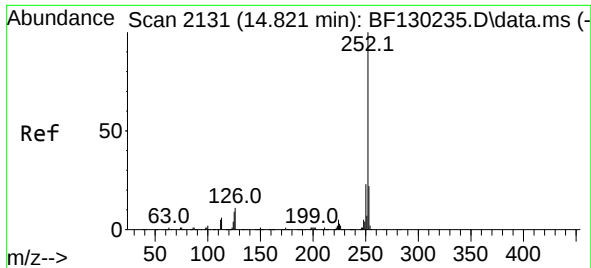
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 81.206 ng  
RT: 16.545 min Scan# 2458  
Delta R.T. 0.047 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

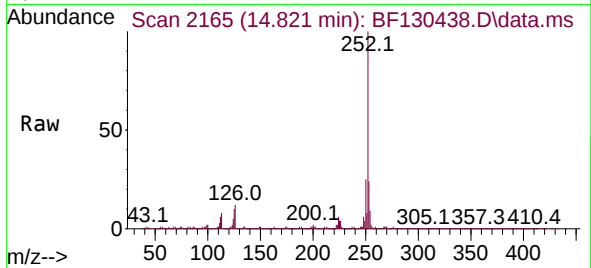
Tgt Ion:276 Resp: 891964  
Ion Ratio Lower Upper  
276 100  
138 17.3 18.5 27.7#  
277 26.6 20.2 30.4





#88  
Benzo(b)fluoranthene  
Concen: 256.494 ng m  
RT: 14.821 min Scan# 2131  
Delta R.T. 0.035 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

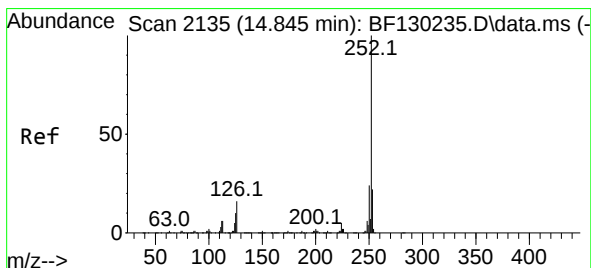
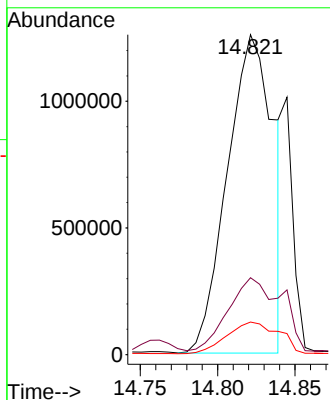
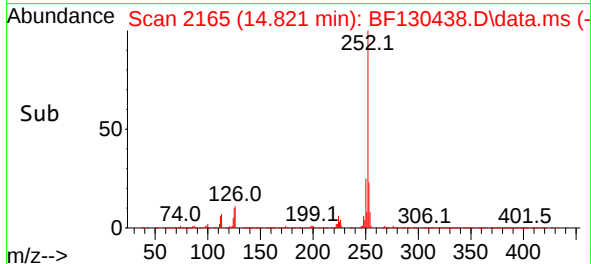
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion:252 Resp: 2593090  
Ion Ratio Lower Upper  
252 100  
253 24.0 17.7 26.5  
125 10.2 8.1 12.1

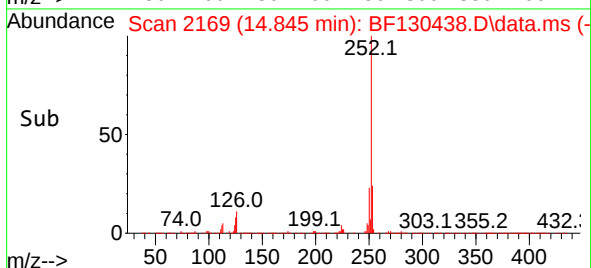
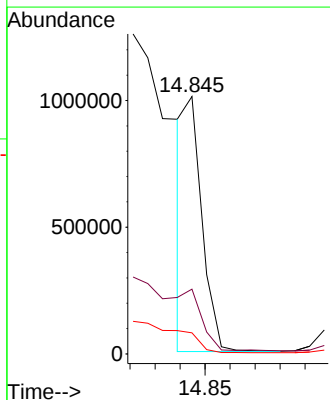
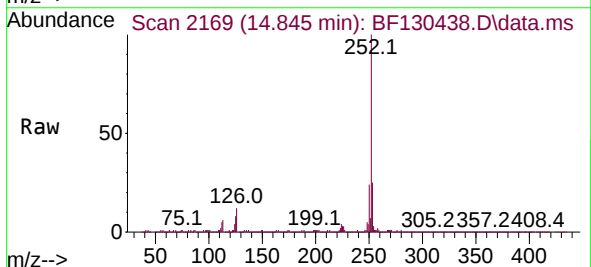
Manual Integrations  
APPROVED

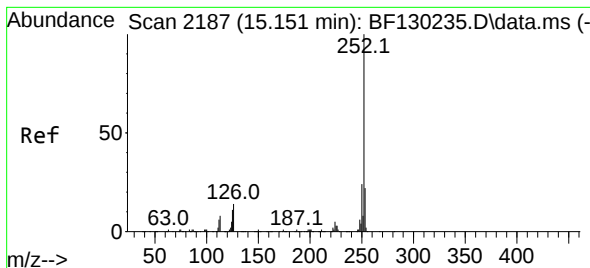
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#89  
Benzo(k)fluoranthene  
Concen: 47.629 ng m  
RT: 14.845 min Scan# 2169  
Delta R.T. 0.029 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

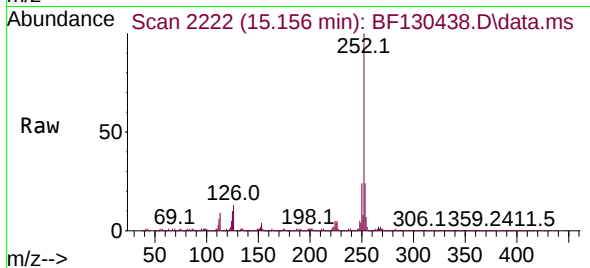
Tgt Ion:252 Resp: 473664  
Ion Ratio Lower Upper  
252 100  
253 25.1 17.4 26.2  
125 8.2 7.9 11.9





#90  
Benzo(a)pyrene  
Concen: 196.550 ng  
RT: 15.156 min Scan# 2187  
Delta R.T. 0.041 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

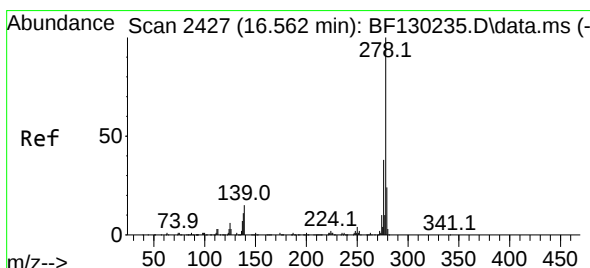
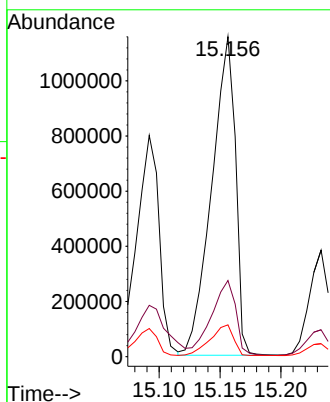
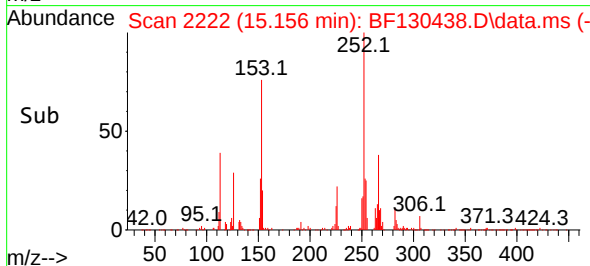
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion:252 Resp: 1574233  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.8 26.6  
125 9.9 9.0 13.6

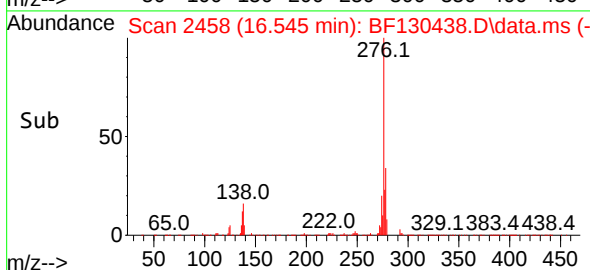
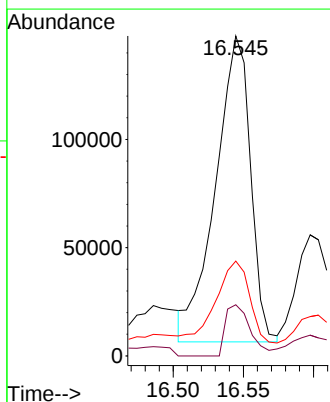
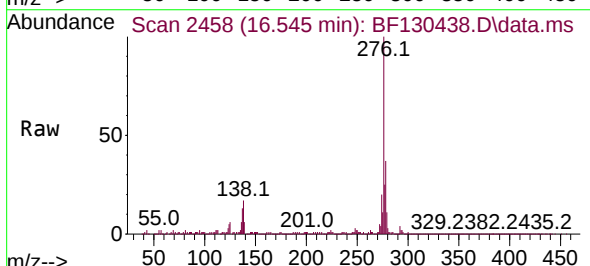
Manual Integrations  
APPROVED

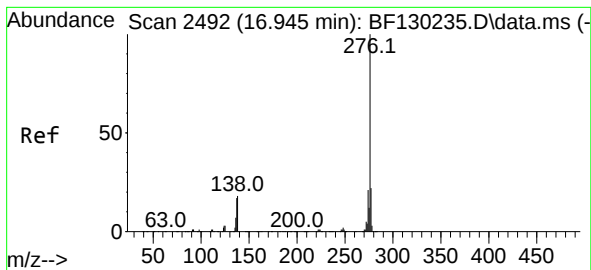
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#91  
Dibenzo(a,h)anthracene  
Concen: 27.150 ng m  
RT: 16.545 min Scan# 2458  
Delta R.T. 0.035 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

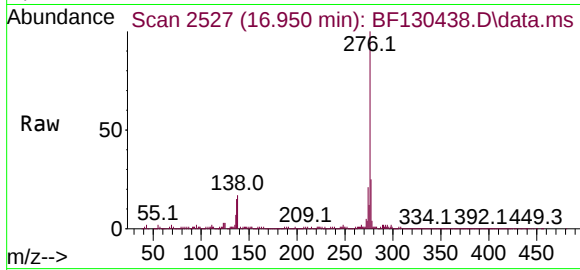
Tgt Ion:278 Resp: 244646  
Ion Ratio Lower Upper  
278 100  
139 16.0 11.8 17.8  
279 29.6 19.4 29.0#





#92  
Benzo(g,h,i)perylene  
Concen: 89.983 ng  
RT: 16.950 min Scan# 21  
Delta R.T. 0.059 min  
Lab File: BF130438.D  
Acq: 27 Sep 2022 22:38

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-092622



Tgt Ion: 276 Resp: 816772  
Ion Ratio Lower Upper  
276 100  
277 24.8 18.6 27.8  
138 17.1 14.6 21.8

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 09/28/2022  
Supervised By : Jagrut Upadhyay 09/28/2022

