

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011024\  
 Data File : BF137029.D  
 Acq On : 10 Jan 2024 20:02  
 Operator : CG\JU  
 Sample : P1070-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-010824

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 11 00:03:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.787  | 152  | 46642    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 156644   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 66728    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.316 | 188  | 124983   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.980 | 240  | 114341   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12            | 15.468 | 264  | 93608    | 20.000 | ng    | 0.02     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 159843   | 53.471 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 187580   | 48.427 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 113367   | 37.034 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 45064    | 57.343 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 199983   | 40.309 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.916 | 244  | 205330   | 25.095 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.081  | 128  | 68083    | 7.911  | ng    | 96       |
| 37) 2-Methylnaphthalene     | 8.775  | 142  | 45880    | 8.284  | ng    | 100      |
| 38) 1-Methylnaphthalene     | 8.875  | 142  | 43116    | 7.935  | ng    | 95       |
| 49) Acenaphthylene          | 9.681  | 152  | 48935    | 7.521  | ng    | 96       |
| 52) Acenaphthene            | 9.851  | 154  | 27234    | 6.752  | ng    | 96       |
| 55) Dibenzofuran            | 10.028 | 168  | 48791    | 7.980  | ng    | # 94     |
| 58) Fluorene                | 10.369 | 166  | 70179    | 14.467 | ng    | 98       |
| 71) Phenanthrene            | 11.339 | 178  | 482424   | 75.226 | ng    | 98       |
| 72) Anthracene              | 11.392 | 178  | 140181   | 21.584 | ng    | 98       |
| 73) Carbazole               | 11.551 | 167  | 28689    | 4.685  | ng    | 97       |
| 75) Fluoranthene            | 12.545 | 202  | 645338   | 94.077 | ng    | 98       |
| 78) Pyrene                  | 12.774 | 202  | 559277   | 49.827 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.969 | 228  | 316159   | 39.820 | ng    | 96       |
| 83) Chrysene                | 14.004 | 228  | 247490m  | 31.876 | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 16.998 | 276  | 78463    | 11.609 | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.033 | 252  | 247403m  | 39.571 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.063 | 252  | 90358m   | 15.295 | ng    |          |
| 90) Benzo(a)pyrene          | 15.410 | 252  | 167412   | 31.722 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.998 | 278  | 23676    | 4.270  | ng    | # 77     |
| 92) Benzo(g,h,i)perylene    | 17.457 | 276  | 70045    | 12.334 | ng    | # 93     |
| -----                       |        |      |          |        |       |          |

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

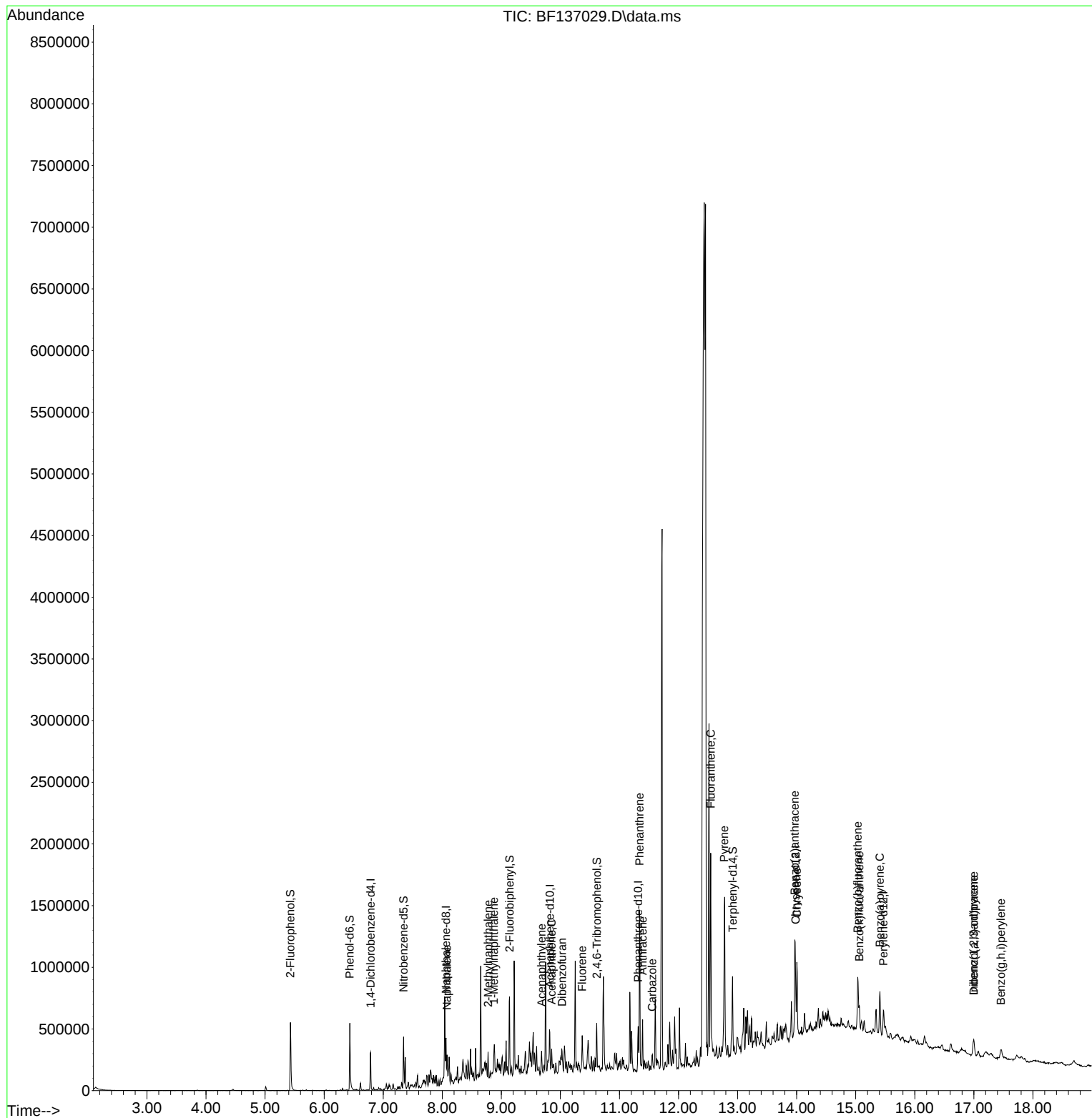
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011024\  
Data File : BF137029.D  
Acq On : 10 Jan 2024 20:02  
Operator : CG\JU  
Sample : P1070-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

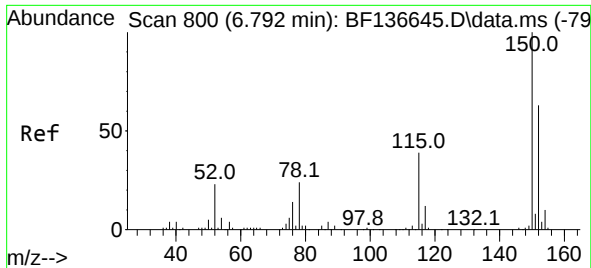
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824

Quant Time: Jan 11 00:03:00 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

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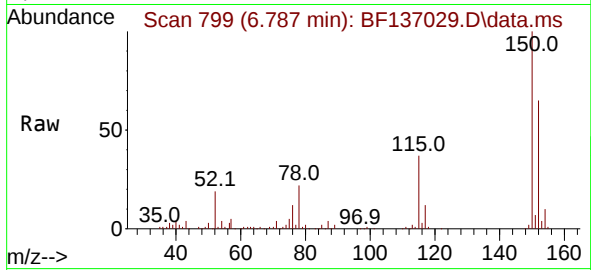
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 799  
Delta R.T. -0.005 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

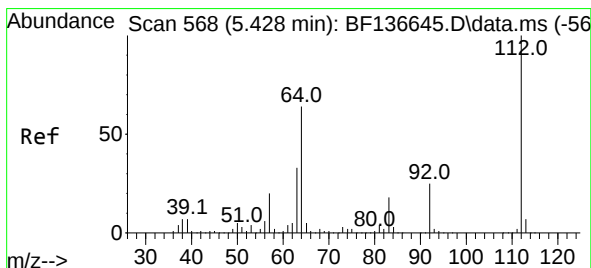
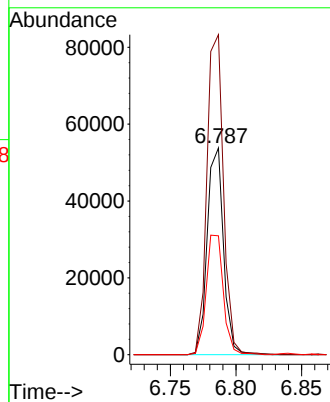
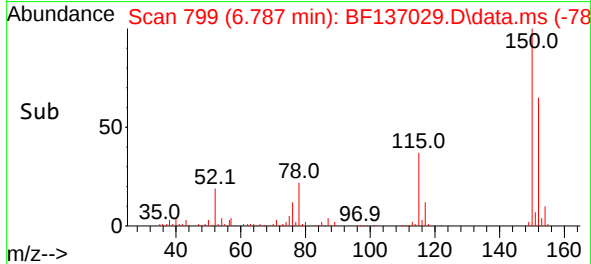
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



Tgt Ion:152 Resp: 46642  
Ion Ratio Lower Upper  
152 100  
150 154.8 127.0 190.6  
115 57.5 49.0 73.4

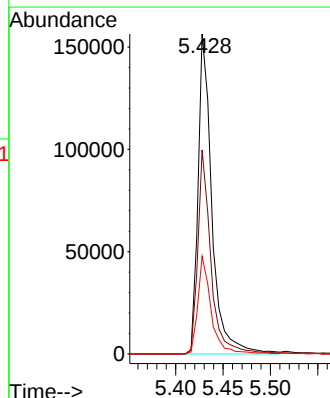
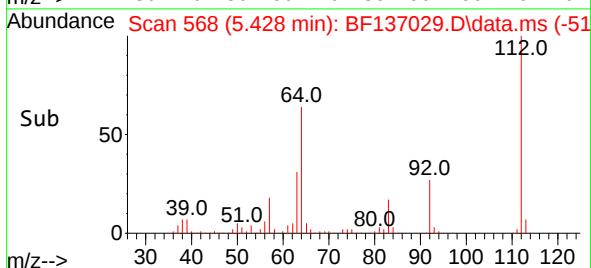
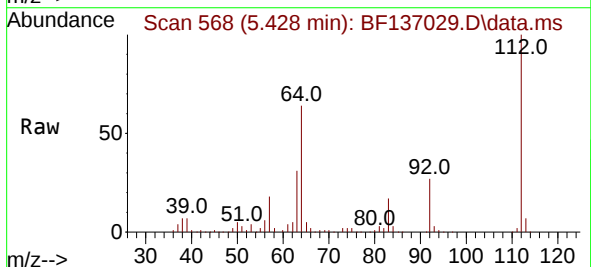
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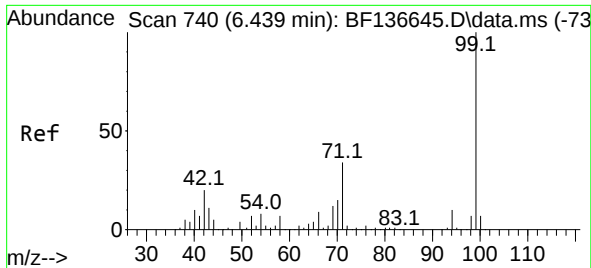
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#5  
2-Fluorophenol  
Concen: 53.471 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

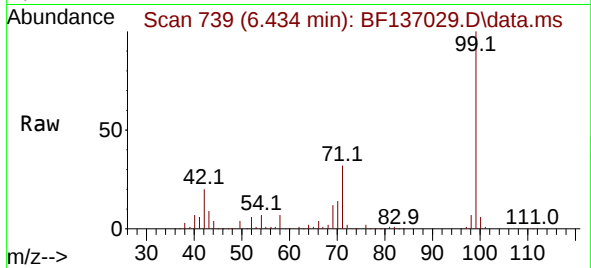
Tgt Ion:112 Resp: 159843  
Ion Ratio Lower Upper  
112 100  
64 63.7 51.1 76.7  
63 30.6 26.1 39.1





#7  
Phenol-d6  
Concen: 48.427 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

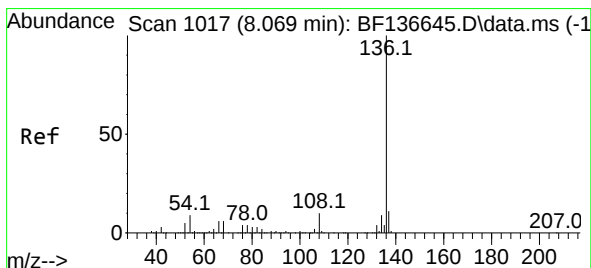
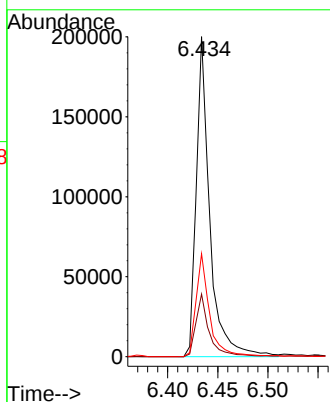
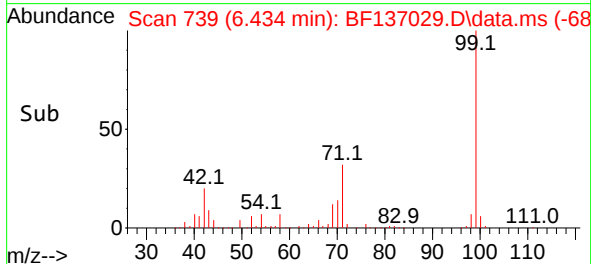
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



Tgt Ion: 99 Resp: 187580  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.1 24.1  
71 32.1 27.4 41.2

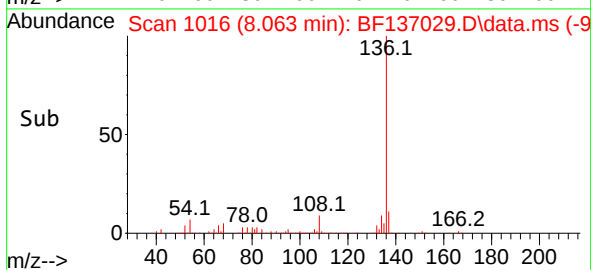
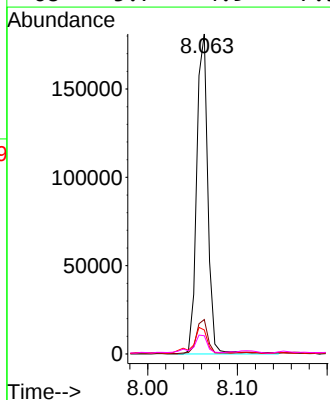
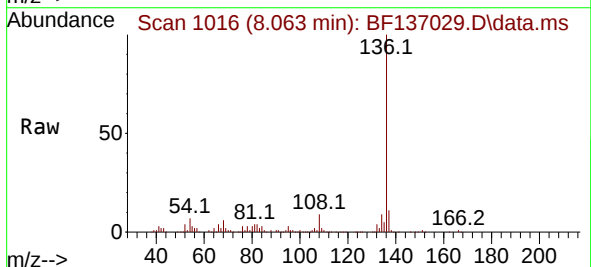
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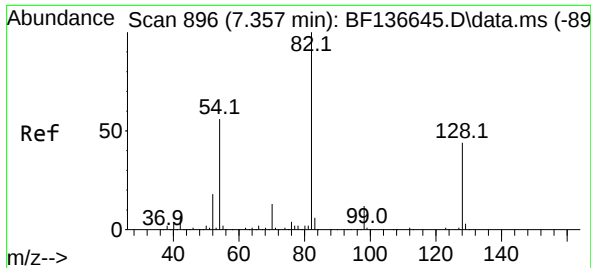
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Tgt Ion:136 Resp: 156644  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 7.5 7.2 10.8  
68 5.7 4.9 7.3





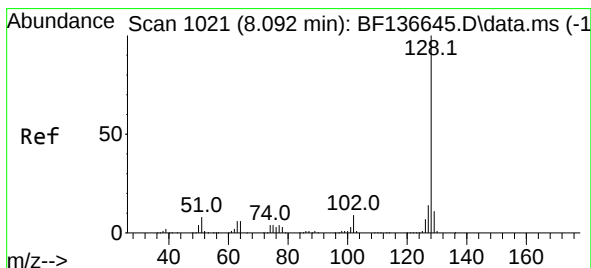
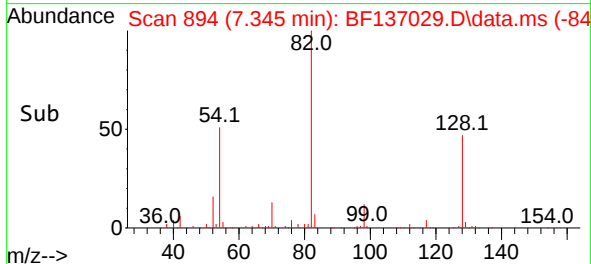
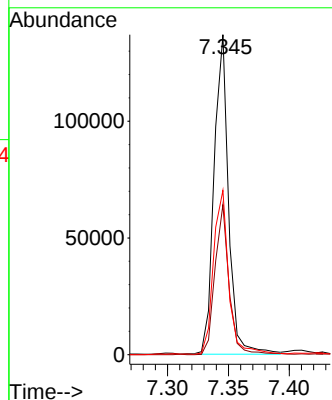
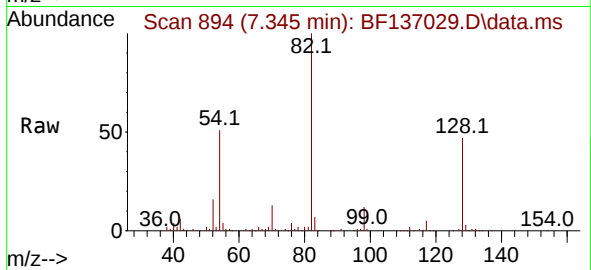
#23  
Nitrobenzene-d5  
Concen: 37.034 ng  
RT: 7.345 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824

Tgt Ion: 82 Resp: 11336  
Ion Ratio Lower Upper  
82 100  
128 46.9 35.3 52.9  
54 51.3 44.5 66.7

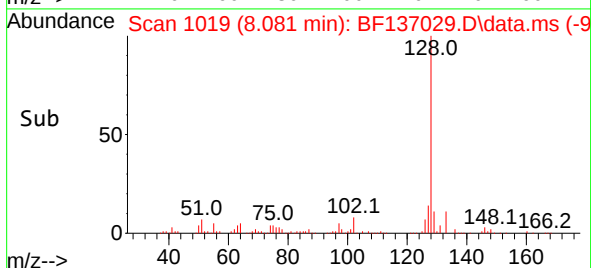
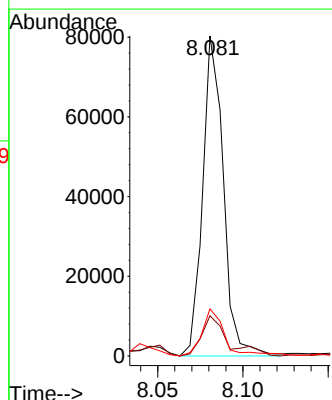
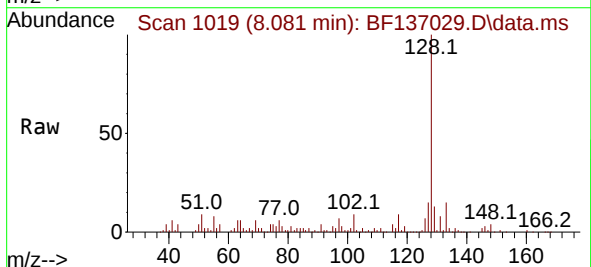
Manual Integrations  
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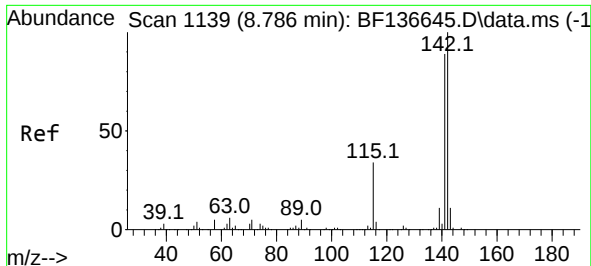
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#31  
Naphthalene  
Concen: 7.911 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Tgt Ion:128 Resp: 68083  
Ion Ratio Lower Upper  
128 100  
129 12.5 8.7 13.1  
127 14.7 10.8 16.2





#37

2-Methylnaphthalene

Concen: 8.284 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

Tgt Ion:142 Resp: 45880

Ion Ratio Lower Upper

142 100

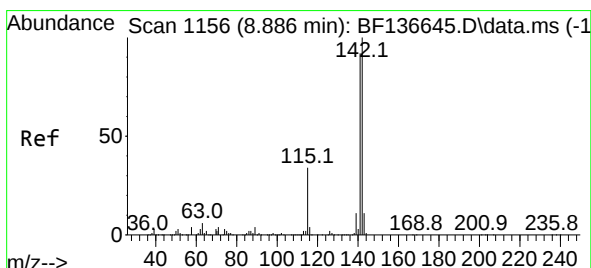
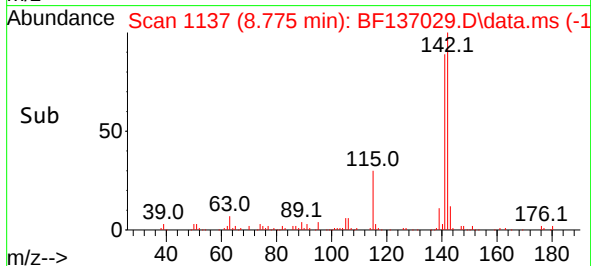
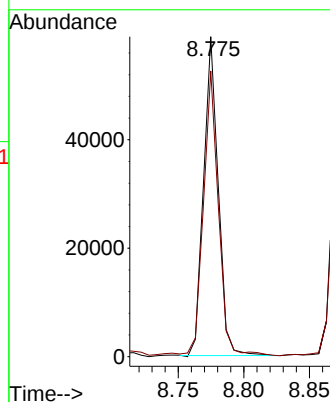
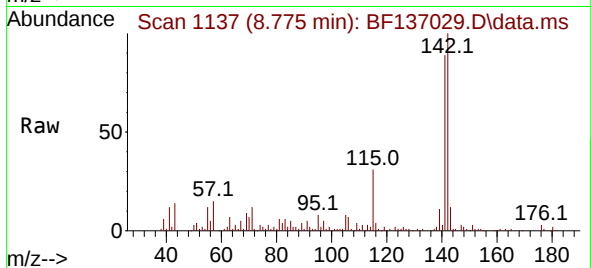
141 89.3 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#38

1-Methylnaphthalene

Concen: 7.935 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137029.D

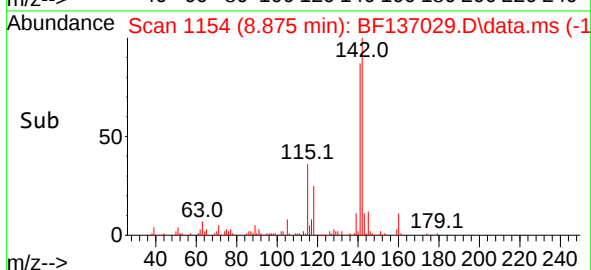
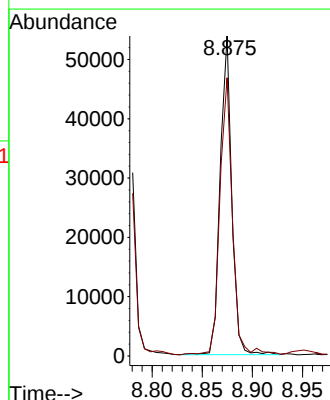
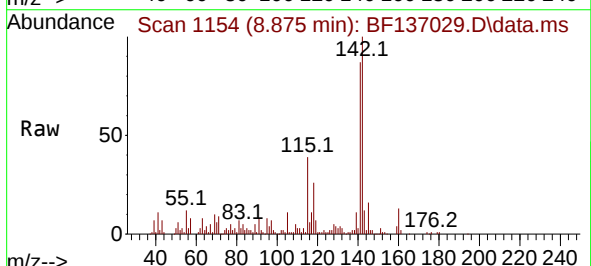
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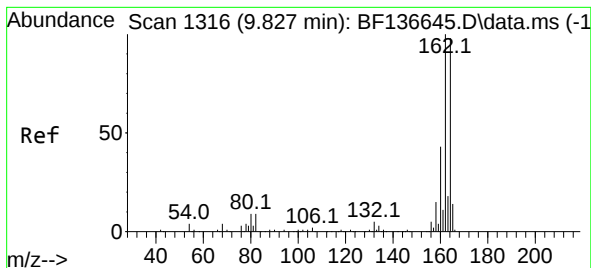
Tgt Ion:142 Resp: 43116

Ion Ratio Lower Upper

142 100

141 86.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

Tgt Ion:164 Resp: 66728

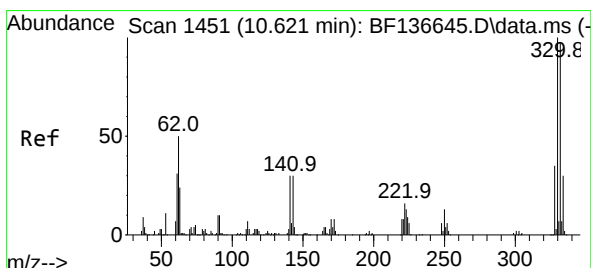
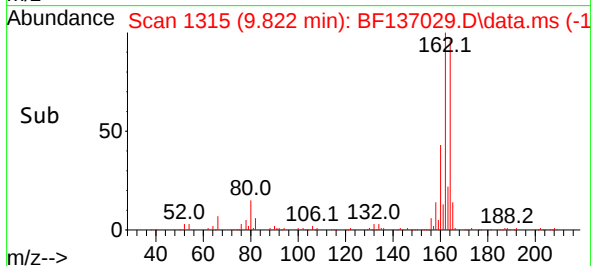
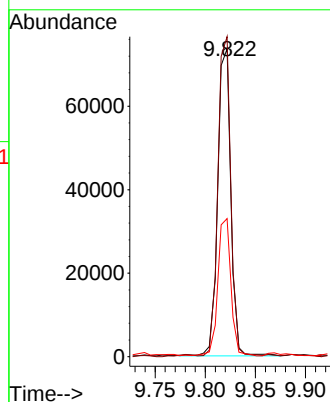
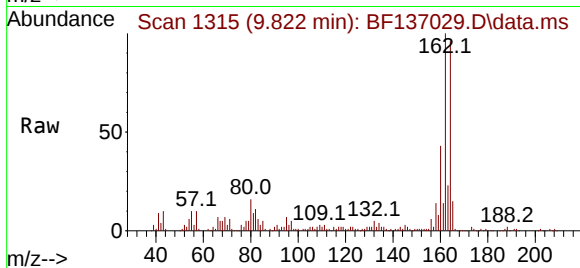
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.9 | 81.6  | 122.4 |
| 160 | 44.9  | 34.9  | 52.3  |

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#42

2,4,6-Tribromophenol

Concen: 57.343 ng

RT: 10.616 min Scan# 1450

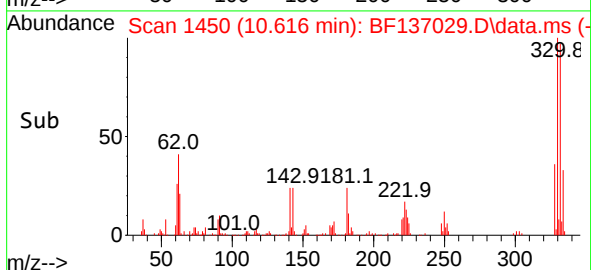
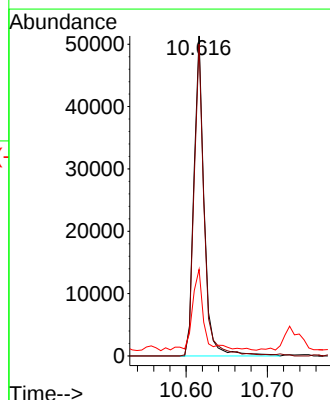
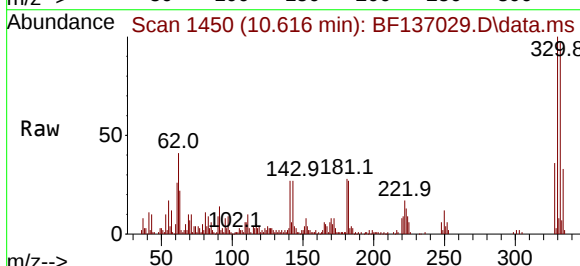
Delta R.T. -0.006 min

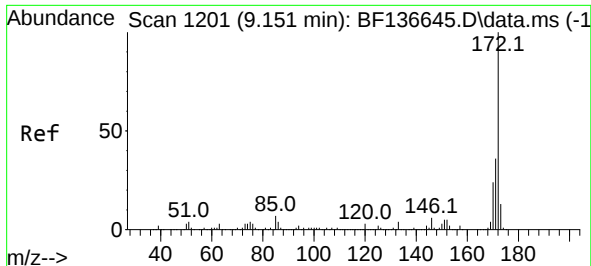
Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Tgt Ion:330 Resp: 45064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.7  | 77.4  | 116.0 |
| 141 | 29.4  | 23.4  | 35.2  |





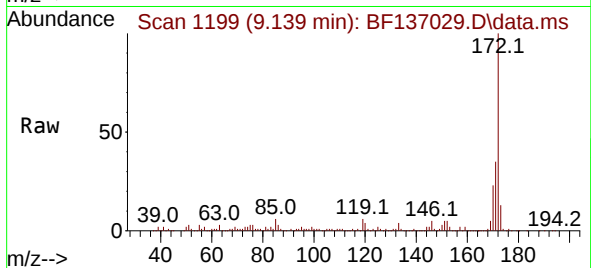
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2-Fluorobiphenyl  
Concen: 40.309 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824



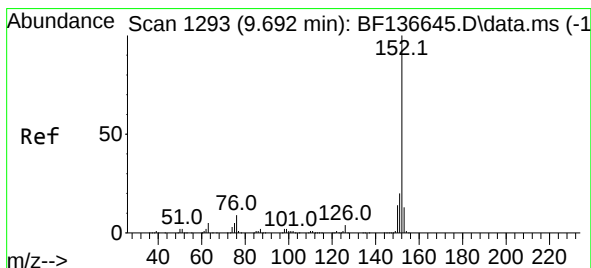
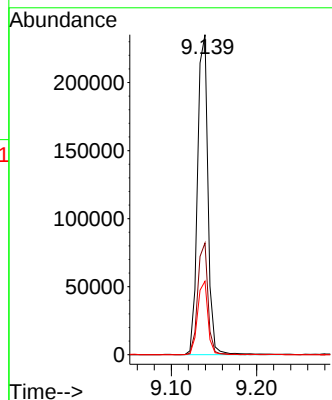
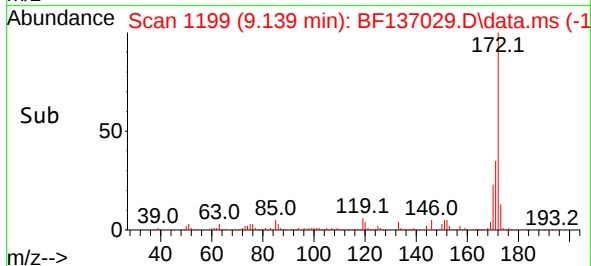
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Ion Ratio Lower Upper  
172 100  
171 34.9 29.0 43.6  
170 22.9 19.0 28.4

Manual Integrations

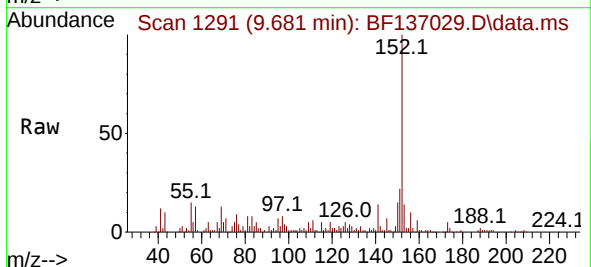
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

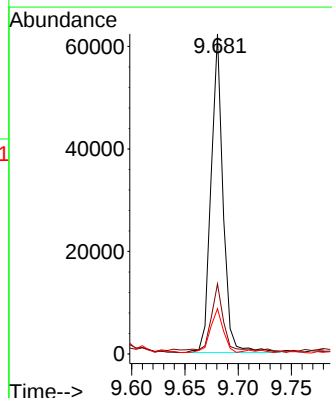
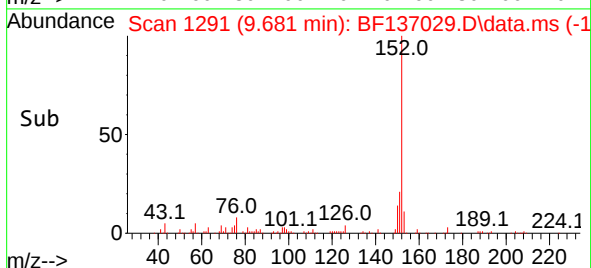
Supervised By :mohammad ahmed 01/12/2024

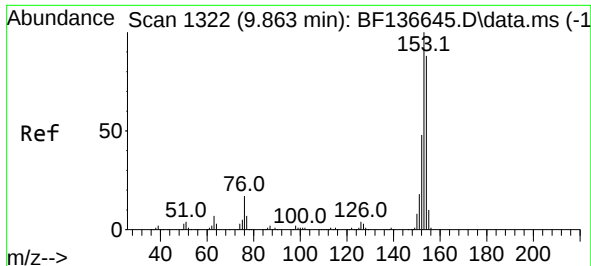


#49  
Acenaphthylene  
Concen: 7.521 ng  
RT: 9.681 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02



Tgt Ion:152 Resp: 48935  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.2 24.4  
153 14.2 10.2 15.2





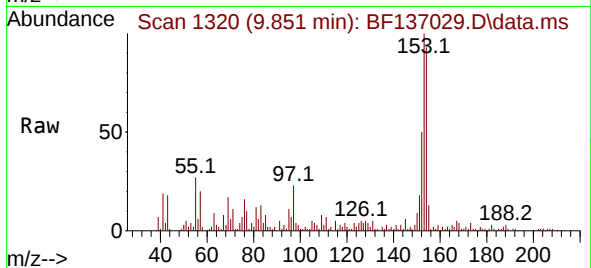
#52  
Acenaphthene  
Concen: 6.752 ng  
RT: 9.851 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824



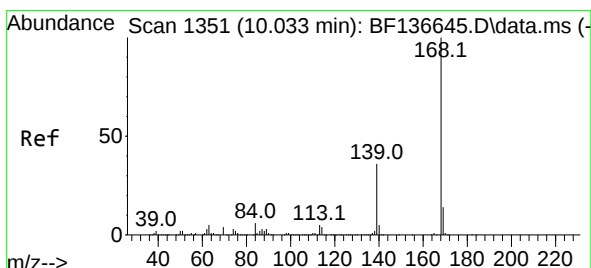
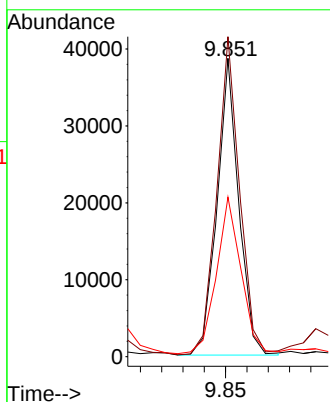
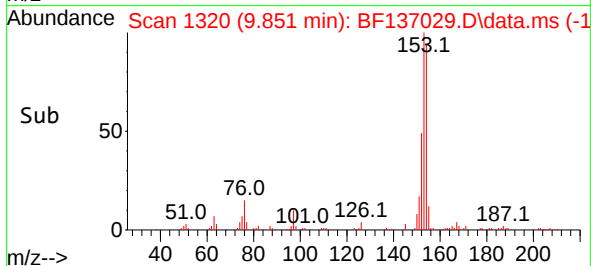
Tgt Ion:154 Resp: 27234  
Ion Ratio Lower Upper  
154 100  
153 107.2 90.7 136.1  
152 53.5 43.7 65.5

Manual Integrations

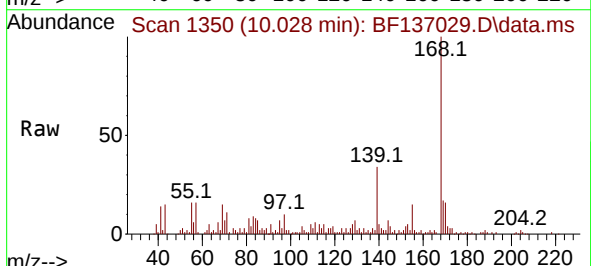
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

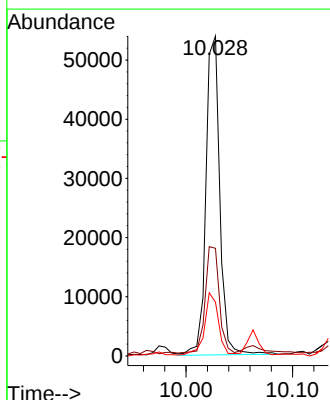
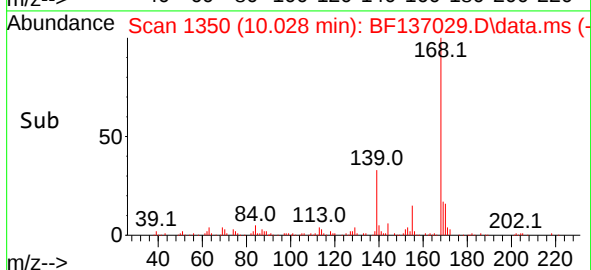
Supervised By :mohammad ahmed 01/12/2024

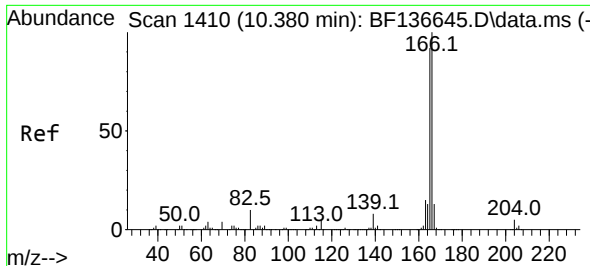


#55  
Dibenzofuran  
Concen: 7.980 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02



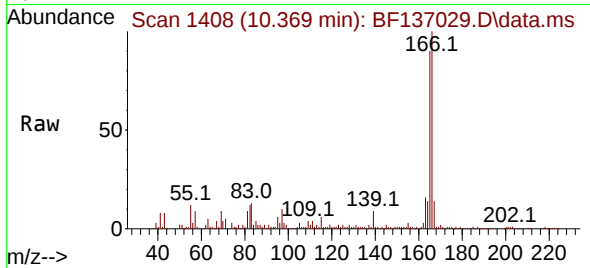
Tgt Ion:168 Resp: 48791  
Ion Ratio Lower Upper  
168 100  
139 33.7 29.3 43.9  
169 16.8 11.0 16.4#





#58  
Fluorene  
Concen: 14.467 ng  
RT: 10.369 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

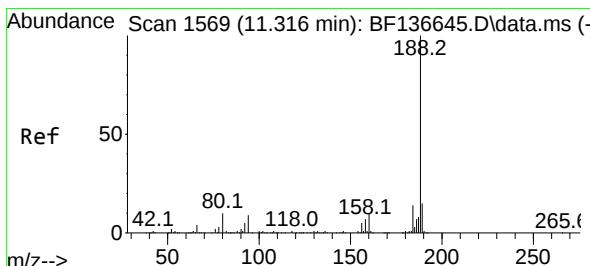
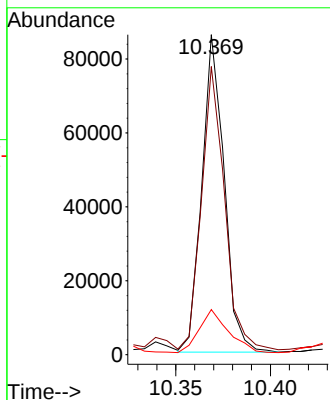
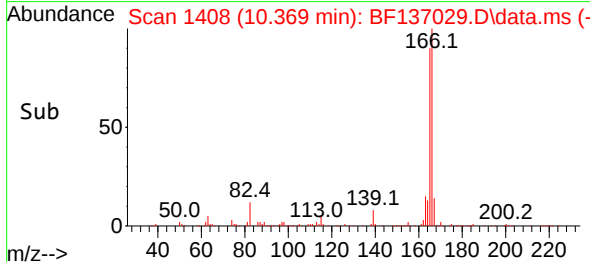
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



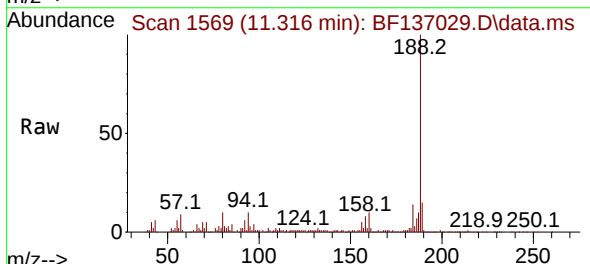
Tgt Ion:166 Resp: 70179  
Ion Ratio Lower Upper  
166 100  
165 90.1 73.7 110.5  
167 14.1 10.4 15.6

Manual Integrations  
APPROVED

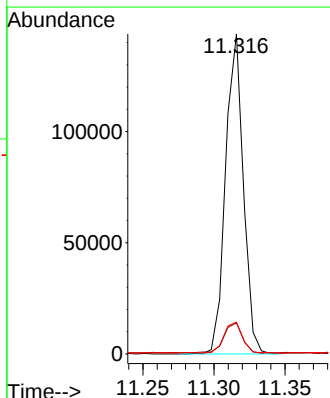
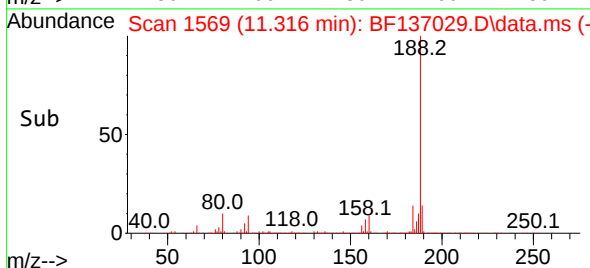
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

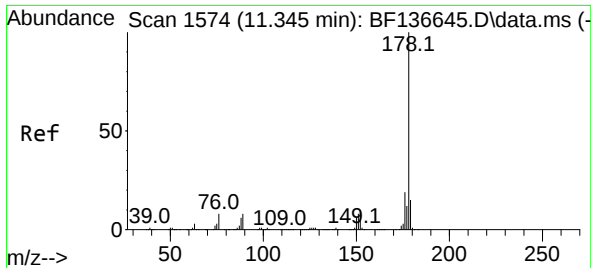


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02



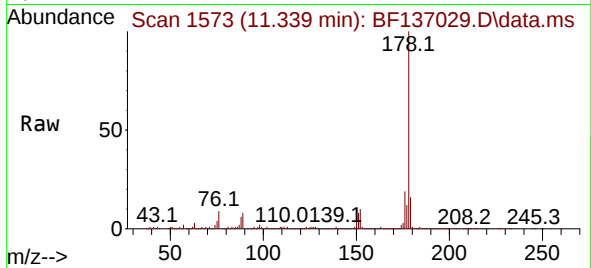
Tgt Ion:188 Resp: 124983  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.5 11.3  
80 10.0 8.1 12.1





#71  
Phenanthrene  
Concen: 75.226 ng  
RT: 11.339 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

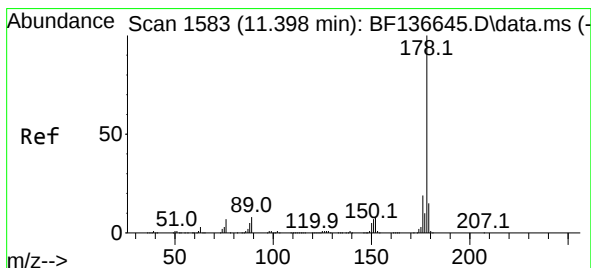
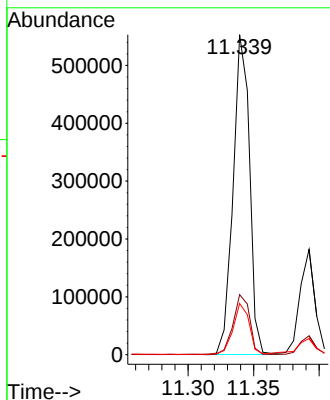
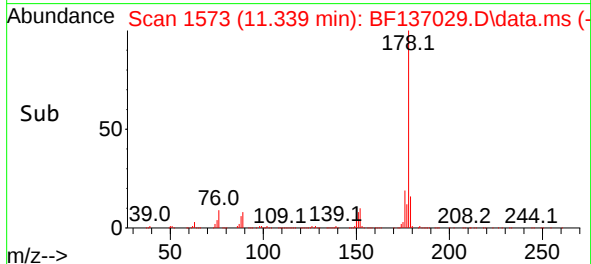
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



Tgt Ion:178 Resp: 482424  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 16.0 11.9 17.9

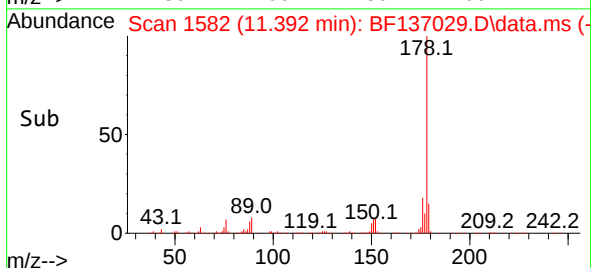
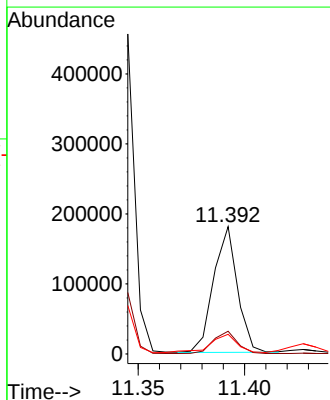
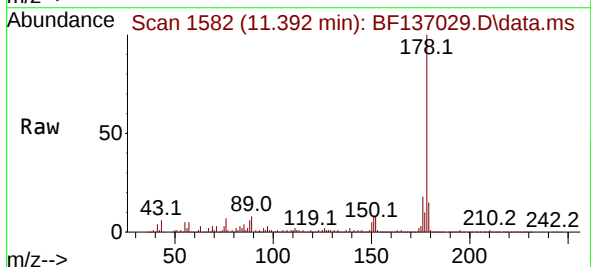
Manual Integrations  
APPROVED

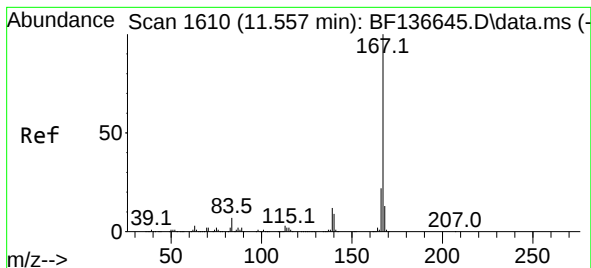
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#72  
Anthracene  
Concen: 21.584 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Tgt Ion:178 Resp: 140181  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.9 22.3  
179 15.4 11.8 17.6





#73

Carbazole

Concen: 4.685 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

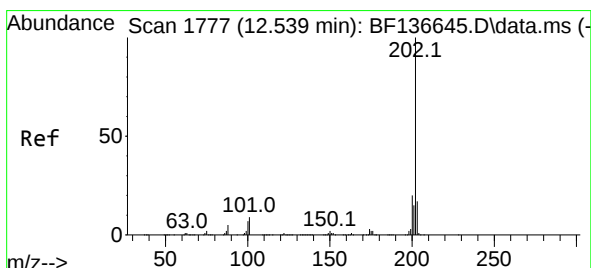
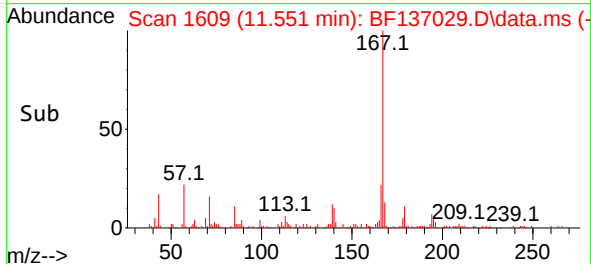
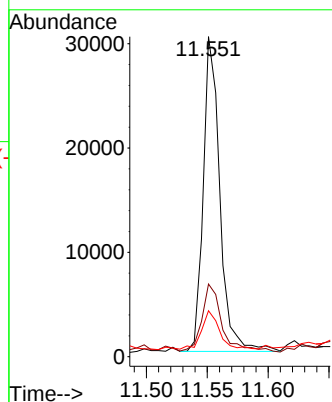
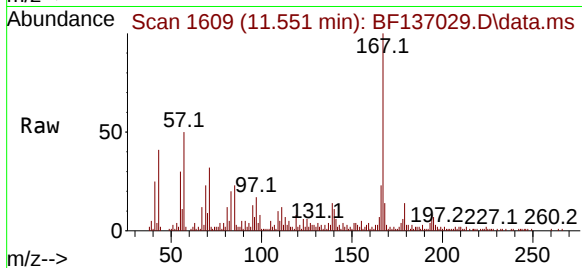
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:167 | Resp: | 28689     |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 22.7  | 17.3 25.9 |
| 139         | 14.3  | 9.8 14.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#75

Fluoranthene

Concen: 94.077 ng

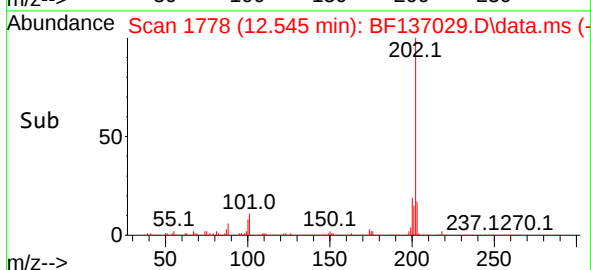
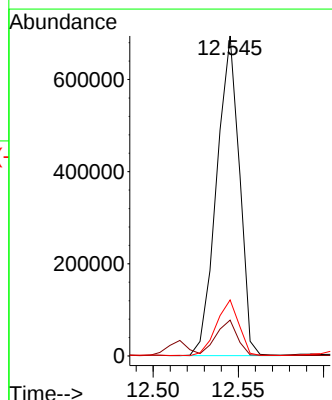
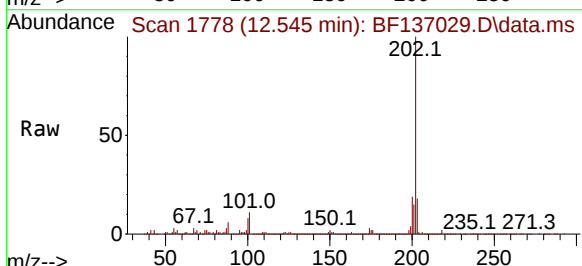
RT: 12.545 min Scan# 1778

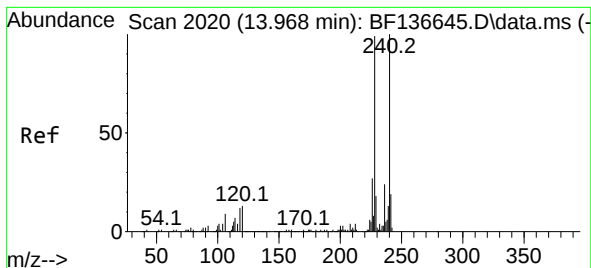
Delta R.T. 0.006 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 645338   |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 11.2  | 0.0 29.3 |
| 203         | 17.5  | 0.0 37.1 |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2020

Delta R.T. 0.012 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

Tgt Ion:240 Resp: 11434

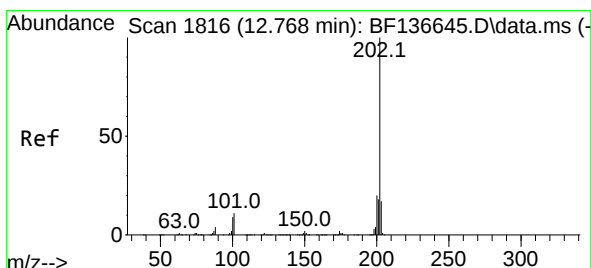
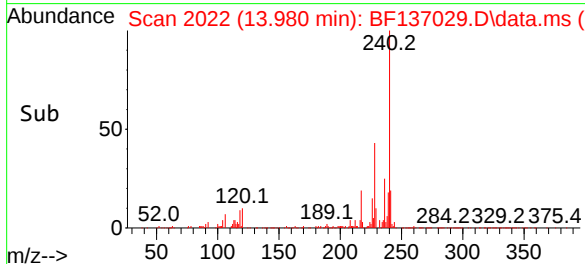
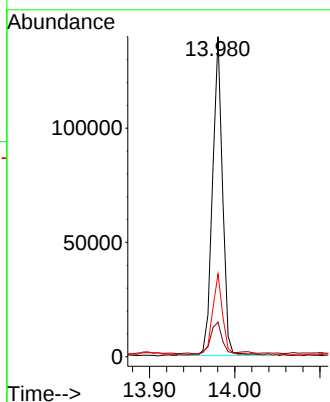
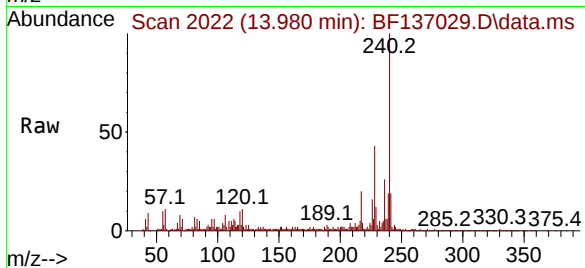
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.8  | 10.3  | 15.5  |
| 236 | 25.9  | 19.4  | 29.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#78

Pyrene

Concen: 49.827 ng

RT: 12.774 min Scan# 1817

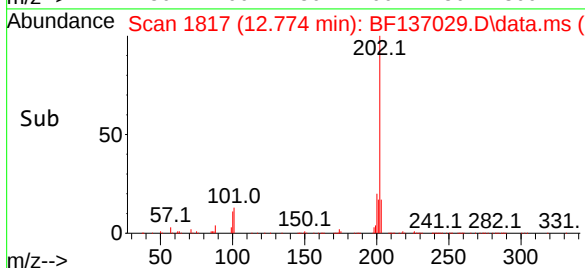
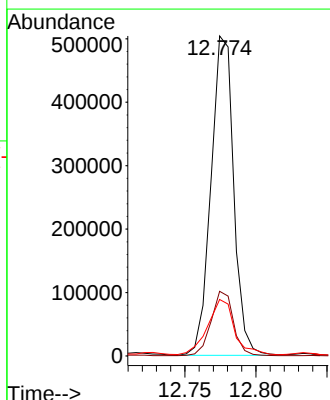
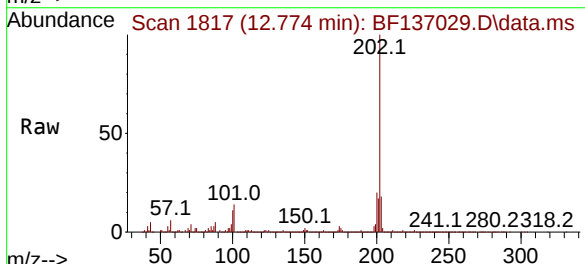
Delta R.T. 0.006 min

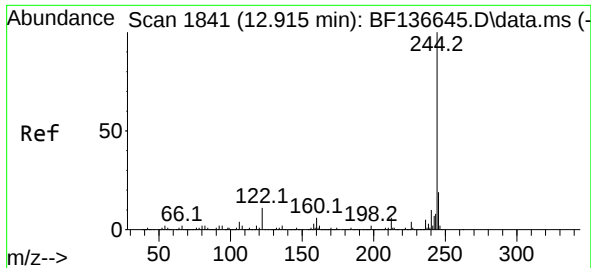
Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Tgt Ion:202 Resp: 559277

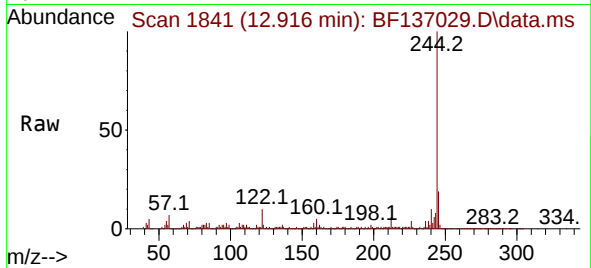
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.2  | 15.9  | 23.9  |
| 203 | 17.7  | 13.8  | 20.6  |





#79  
Terphenyl-d14  
Concen: 25.095 ng  
RT: 12.916 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

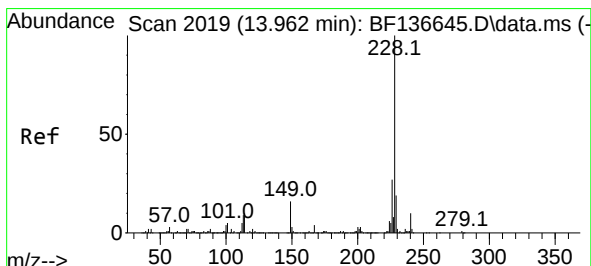
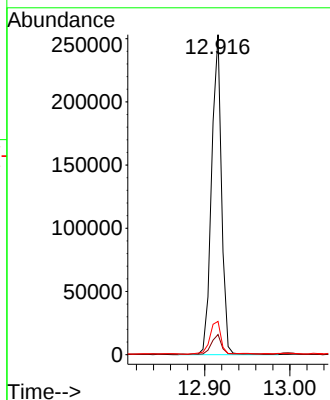
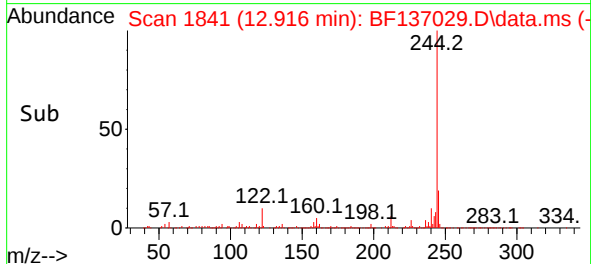
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



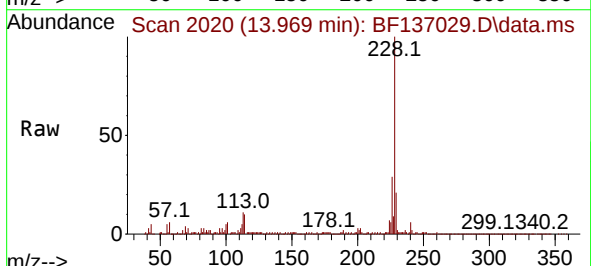
Tgt Ion:244 Resp: 205330  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.0 7.4  
122 10.4 9.0 13.4

Manual Integrations  
APPROVED

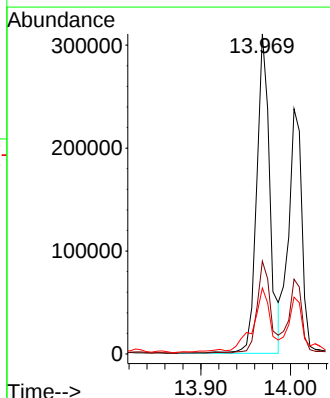
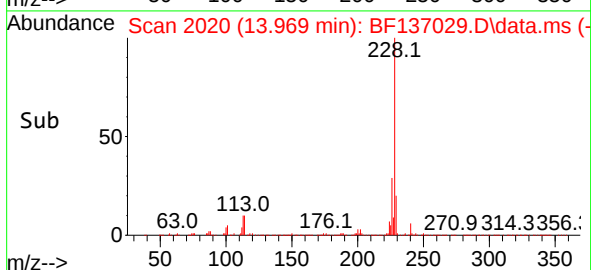
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

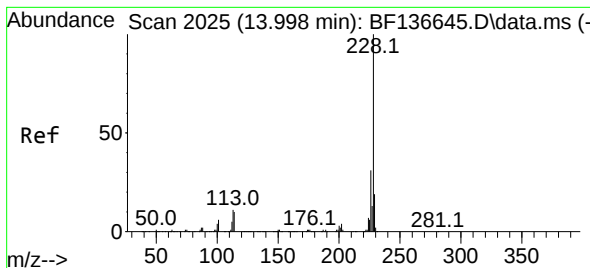


#81  
Benzo(a)anthracene  
Concen: 39.820 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02



Tgt Ion:228 Resp: 316159  
Ion Ratio Lower Upper  
228 100  
226 29.0 21.4 32.0  
229 20.6 14.9 22.3





#83

Chrysene

Concen: 31.876 ng m

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

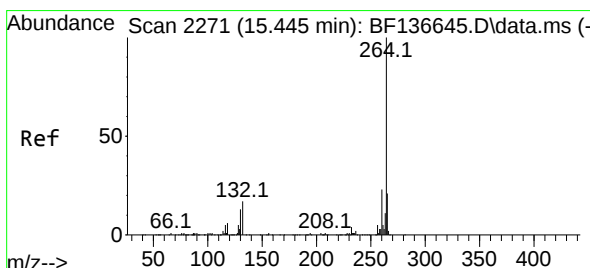
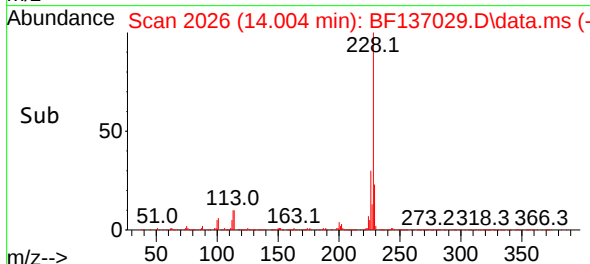
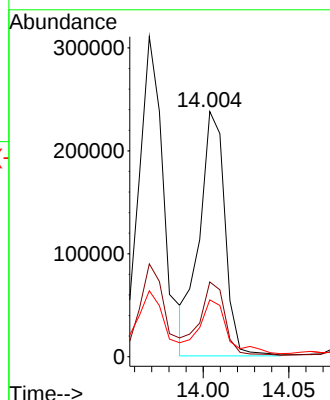
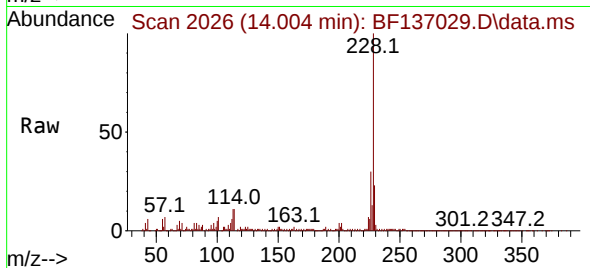
Tgt Ion:228 Resp: 247490  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.7 37.1  
 229 23.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#86

Perylene-d12

Concen: 20.000 ng

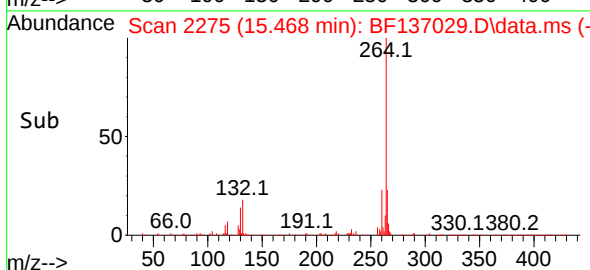
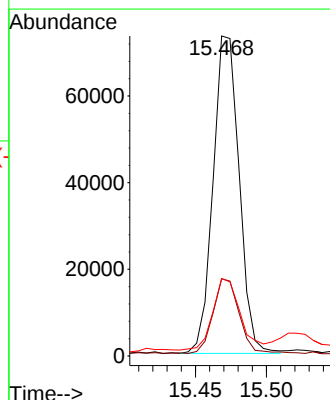
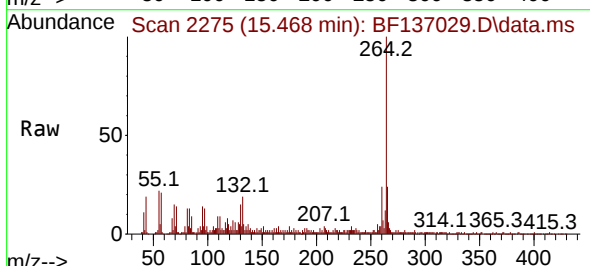
RT: 15.468 min Scan# 2275

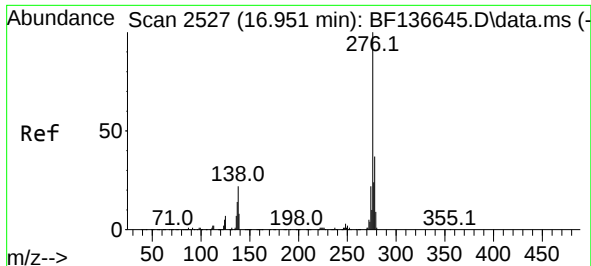
Delta R.T. 0.024 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Tgt Ion:264 Resp: 93608  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.3 27.5  
 265 24.2 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 11.609 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.047 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

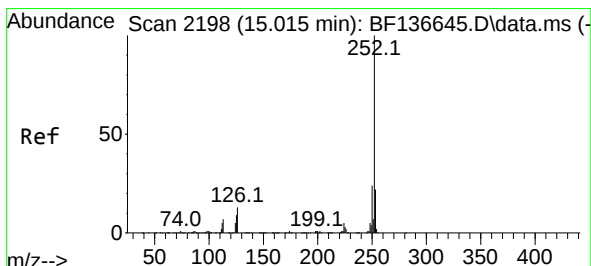
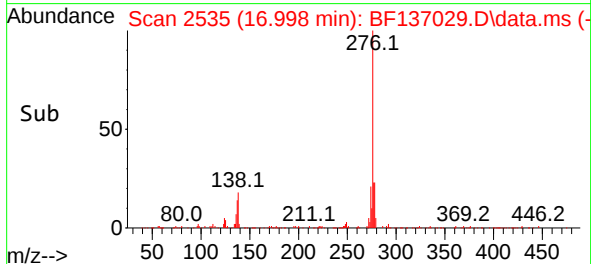
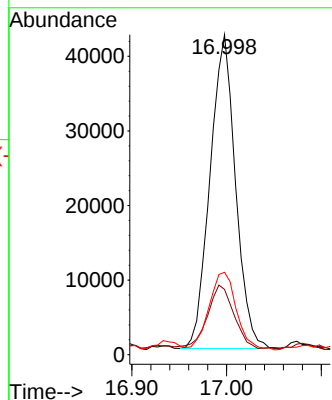
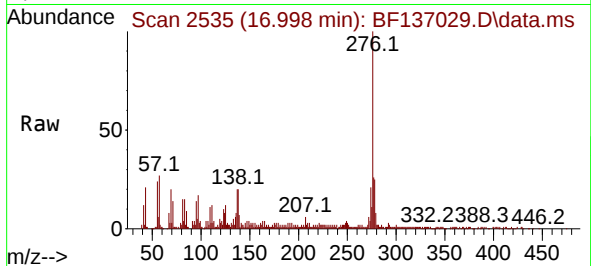
ClientSampleId :

HD-01-010824

Tgt Ion:276 Resp: 7846  
Ion Ratio Lower Upper  
276 100  
138 20.5 18.7 28.1  
277 26.6 20.2 30.2

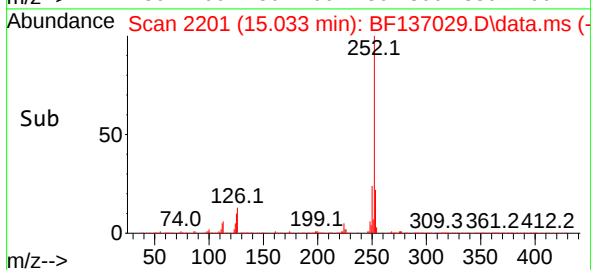
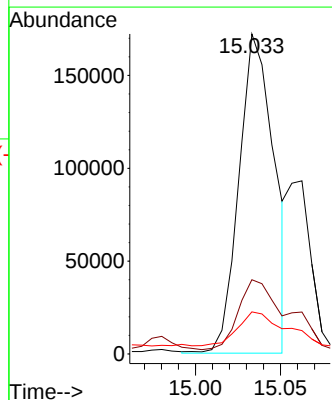
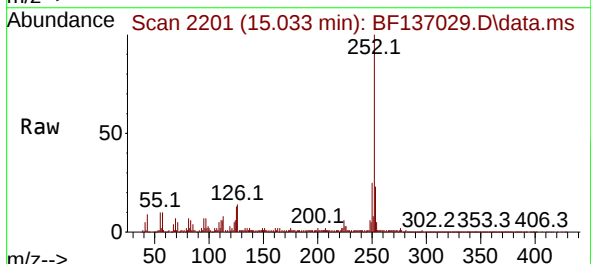
Manual Integrations  
APPROVED

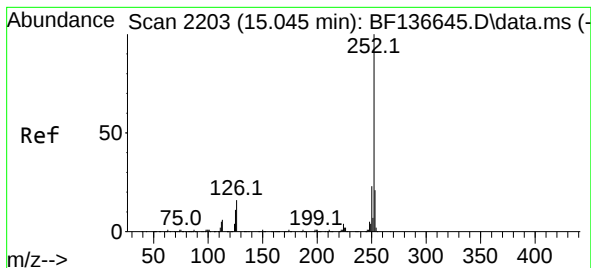
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#88  
Benzo(b)fluoranthene  
Concen: 39.571 ng m  
RT: 15.033 min Scan# 2201  
Delta R.T. 0.018 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Tgt Ion:252 Resp: 247403  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.4 26.0  
125 13.1 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 15.295 ng m

RT: 15.063 min Scan# 2206

Delta R.T. 0.018 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

Instrument :

BNA\_F

ClientSampleId :

HD-01-010824

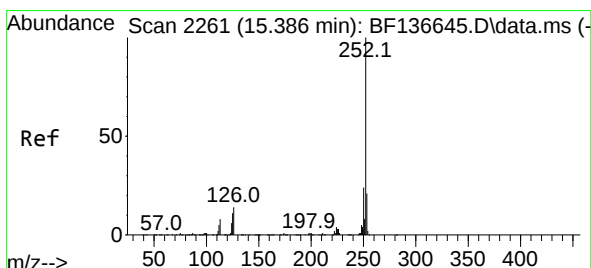
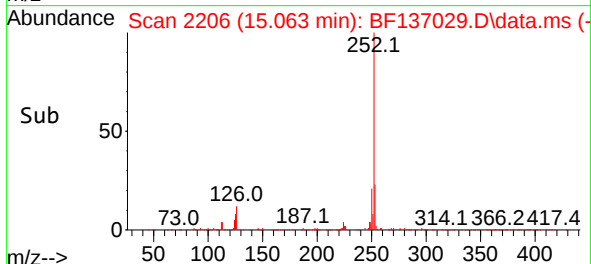
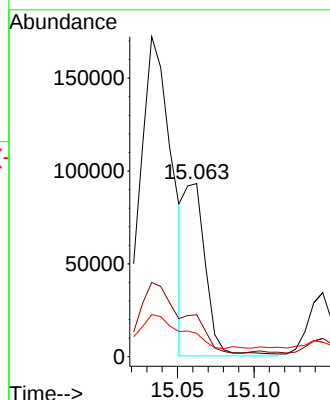
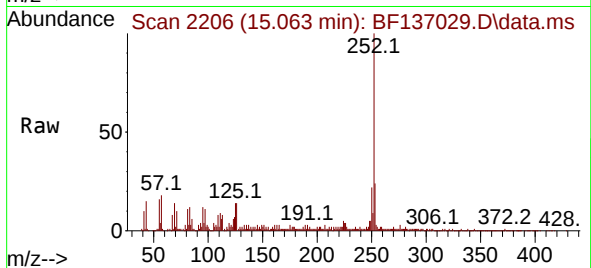
Tgt Ion:252 Resp: 90358  
 Ion Ratio Lower Upper  
 252 100  
 253 24.2 17.0 25.6  
 125 13.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#90

Benzo(a)pyrene

Concen: 31.722 ng

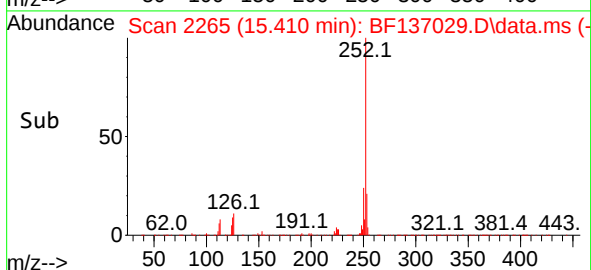
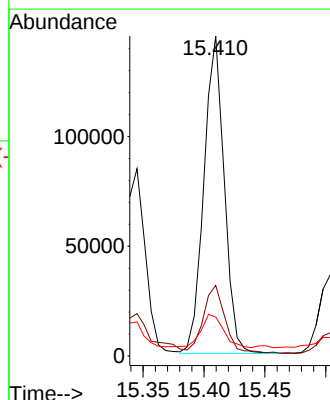
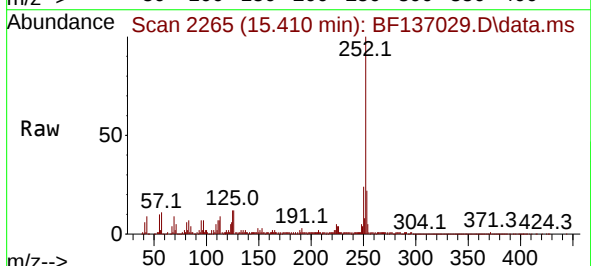
RT: 15.410 min Scan# 2265

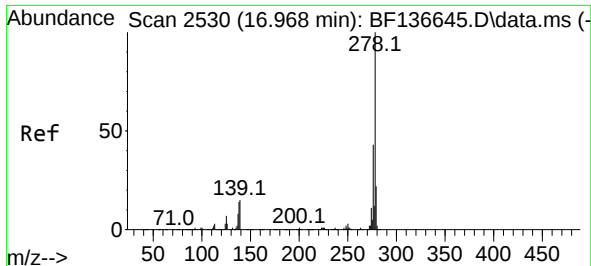
Delta R.T. 0.024 min

Lab File: BF137029.D

Acq: 10 Jan 2024 20:02

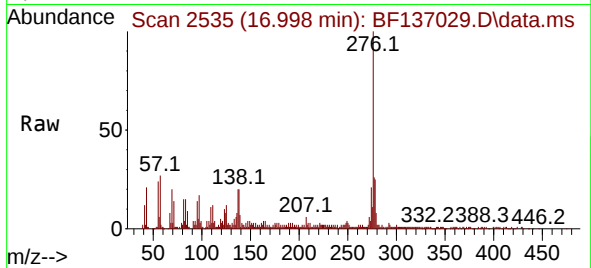
Tgt Ion:252 Resp: 167412  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.0 25.6  
 125 12.1 8.8 13.2





#91  
Dibenzo(a,h)anthracene  
Concen: 4.270 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.030 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

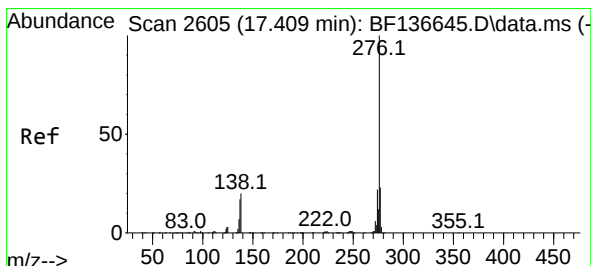
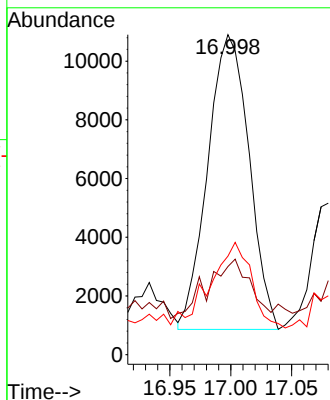
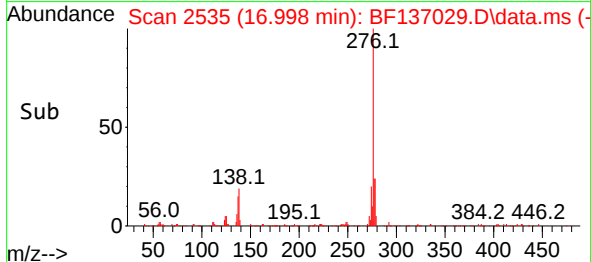
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-010824



Tgt Ion: 278 Resp: 23670  
Ion Ratio Lower Upper  
278 100  
139 27.6 12.2 18.4  
279 30.8 17.8 26.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#92  
Benzo(g,h,i)perylene  
Concen: 12.334 ng  
RT: 17.457 min Scan# 2613  
Delta R.T. 0.047 min  
Lab File: BF137029.D  
Acq: 10 Jan 2024 20:02

Tgt Ion: 276 Resp: 70045  
Ion Ratio Lower Upper  
276 100  
277 25.3 18.3 27.5  
138 23.7 15.6 23.4

