

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052325\  
 Data File : BF142544.D  
 Acq On : 23 May 2025 19:27  
 Operator : RC/JU  
 Sample : Q2109-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-02-MHF

Quant Time: May 23 22:53:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025  
 Supervised By :Jagrut Upadhyay 05/27/2025

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 111215   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 402543   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.933  | 164  | 183959   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.428 | 188  | 247950   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.069 | 240  | 221896   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.563 | 264  | 218967   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 461353   | 69.889 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 592630   | 74.579 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 323132   | 43.772 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 127977   | 62.681 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 683684   | 49.870 | ng    | -0.02    |
| 79) Terphenyl-d14           | 13.010 | 244  | 522176   | 32.158 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.198  | 128  | 112586   | 5.680  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.892  | 142  | 60773    | 4.874  | ng    | 97       |
| 38) 1-Methylnaphthalene     | 8.992  | 142  | 95090    | 7.372  | ng    | 100      |
| 49) Acenaphthylene          | 9.798  | 152  | 87362    | 4.907  | ng    | 99       |
| 52) Acenaphthene            | 9.969  | 154  | 117541   | 10.811 | ng    | 98       |
| 55) Dibenzofuran            | 10.139 | 168  | 182996   | 11.696 | ng    | 97       |
| 58) Fluorene                | 10.480 | 166  | 268652   | 22.227 | ng    | 99       |
| 71) Phenanthrene            | 11.451 | 178  | 1052257  | 79.410 | ng    | 100      |
| 72) Anthracene              | 11.498 | 178  | 286662   | 21.197 | ng    | 100      |
| 73) Carbazole               | 11.651 | 167  | 99036    | 8.566  | ng    | 100      |
| 75) Fluoranthene            | 12.645 | 202  | 1015727  | 82.035 | ng    | 99       |
| 78) Pyrene                  | 12.874 | 202  | 923082   | 44.594 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.057 | 228  | 447939   | 30.231 | ng    | 94       |
| 83) Chrysene                | 14.092 | 228  | 357243   | 26.832 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.062 | 276  | 129630   | 7.886  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.127 | 252  | 427070m  | 32.954 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.139 | 252  | 160934m  | 13.259 | ng    |          |
| 90) Benzo(a)pyrene          | 15.498 | 252  | 308259   | 25.235 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 17.074 | 278  | 35796    | 2.685  | ng    | # 87     |
| 92) Benzo(g,h,i)perylene    | 17.521 | 276  | 112356   | 8.425  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

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

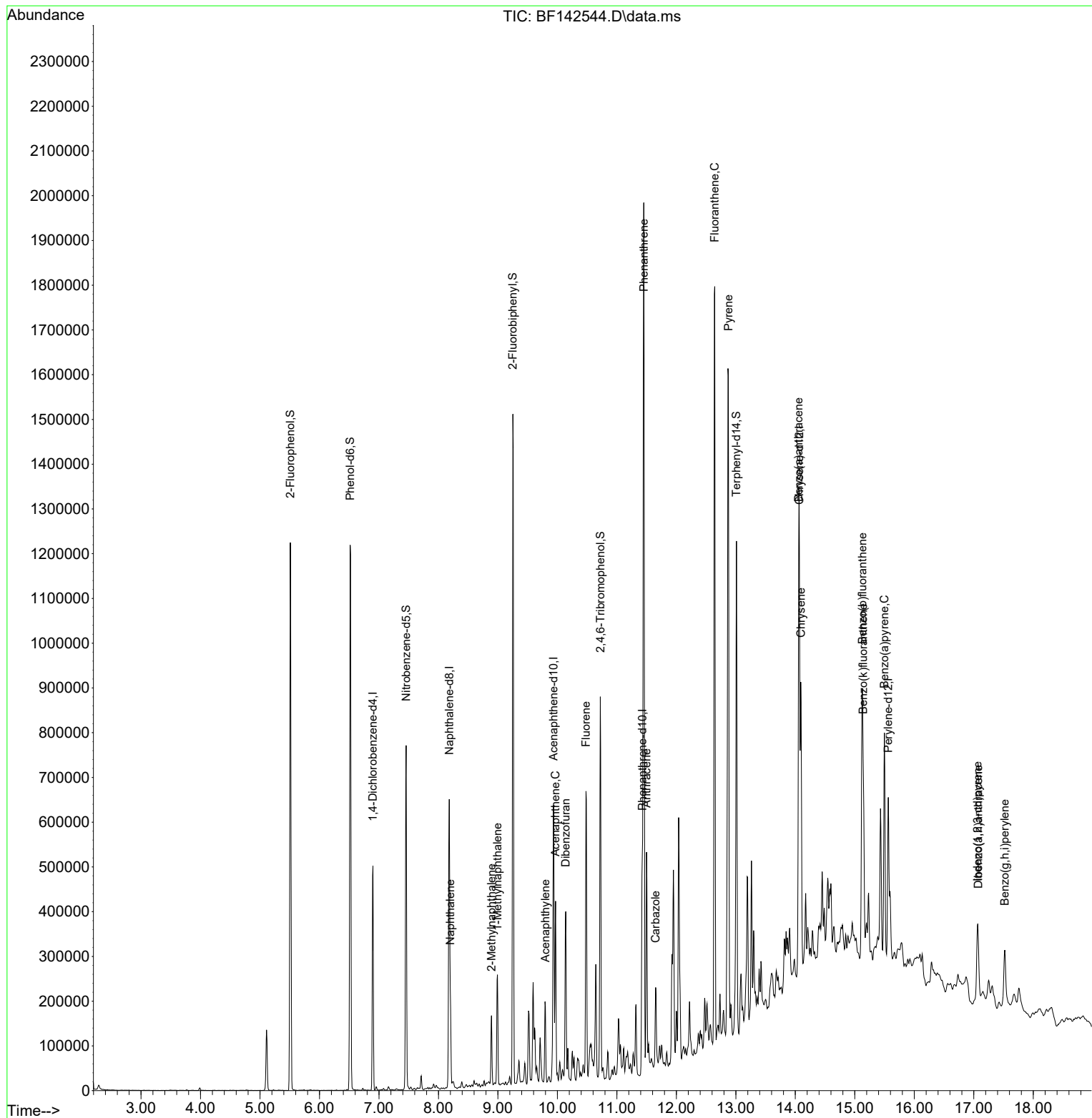
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052325\  
Data File : BF142544.D  
Acq On : 23 May 2025 19:27  
Operator : RC/JU  
Sample : Q2109-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF

Quant Time: May 23 22:53:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

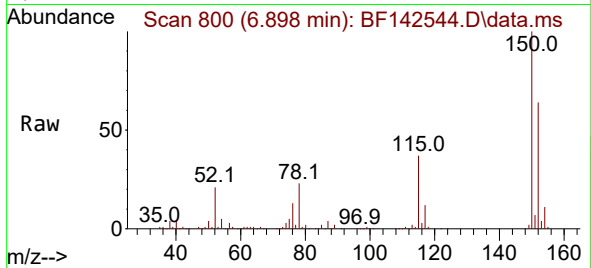
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

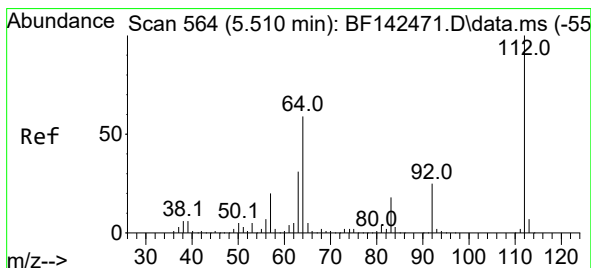
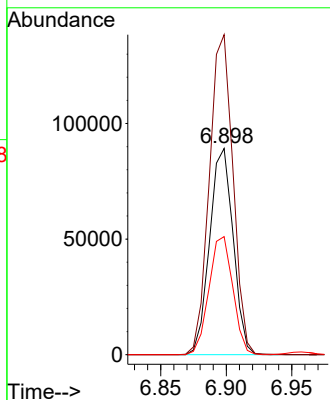
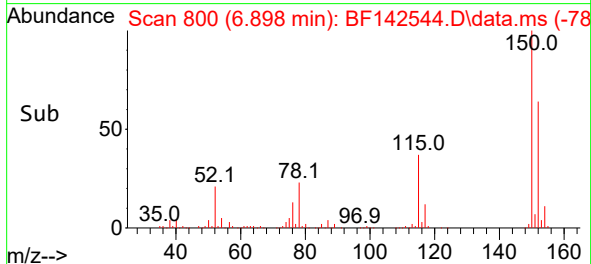
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



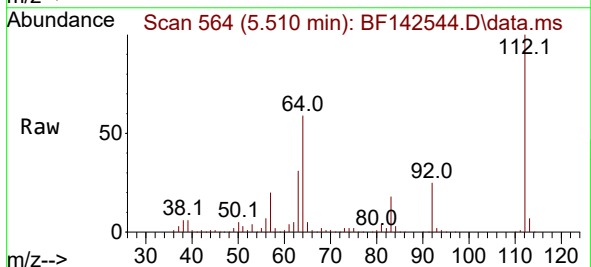
Tgt Ion:152 Resp: 111215  
Ion Ratio Lower Upper  
152 100  
150 155.1 128.2 192.4  
115 57.3 48.3 72.5

Manual Integrations  
APPROVED

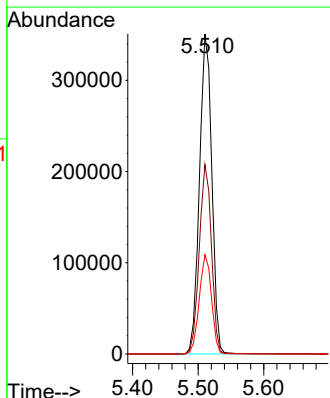
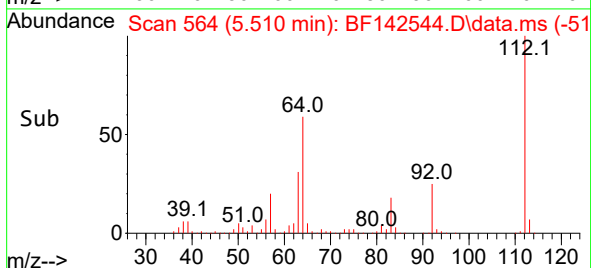
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025

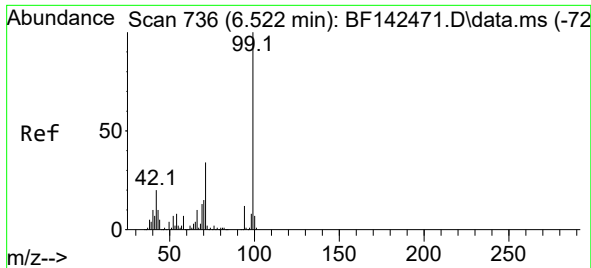


#5  
2-Fluorophenol  
Concen: 69.889 ng  
RT: 5.510 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27



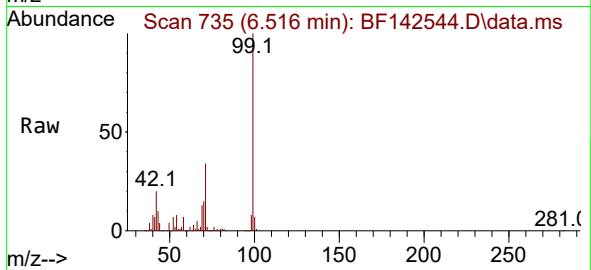
Tgt Ion:112 Resp: 461353  
Ion Ratio Lower Upper  
112 100  
64 59.2 47.5 71.3  
63 31.0 24.9 37.3





#7  
Phenol-d6  
Concen: 74.579 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

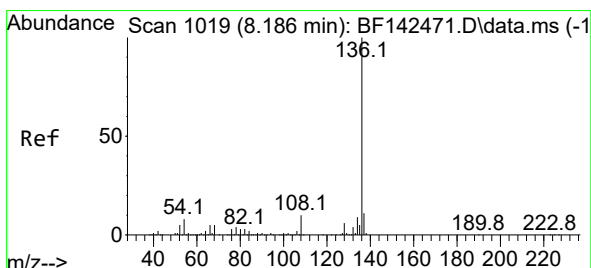
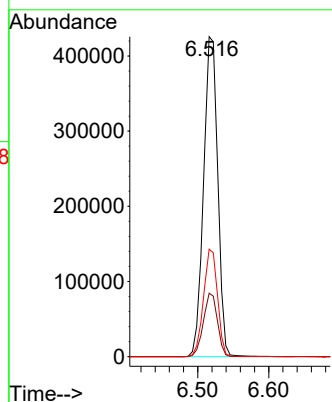
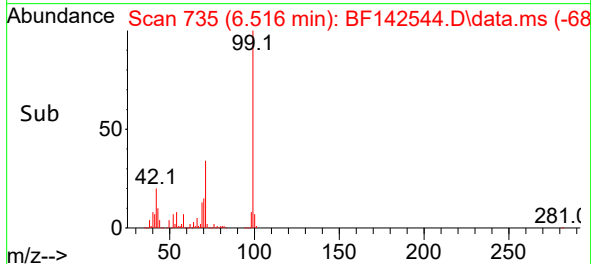
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



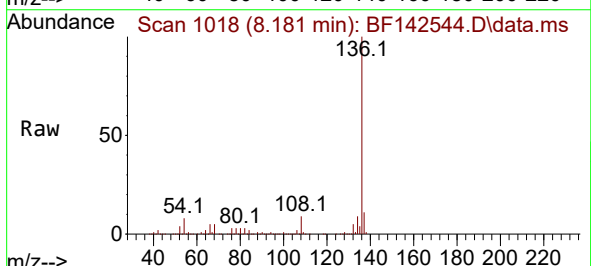
Tgt Ion: 99 Resp: 592630  
Ion Ratio Lower Upper  
99 100  
42 19.9 16.2 24.2  
71 33.6 27.3 40.9

Manual Integrations  
APPROVED

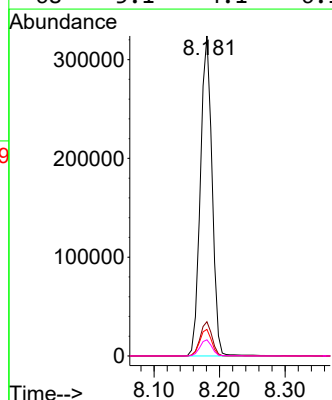
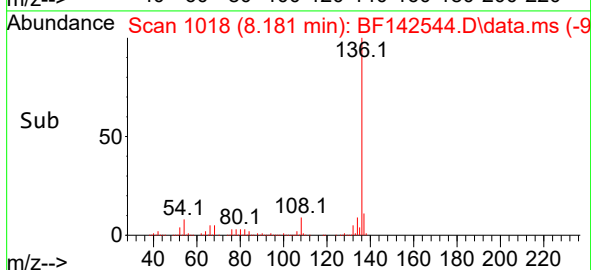
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27



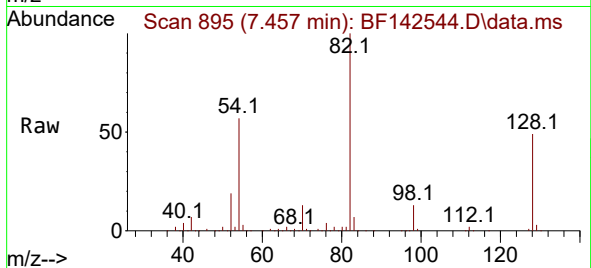
Tgt Ion:136 Resp: 402543  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.3 6.6 10.0  
68 5.1 4.1 6.1





#23  
Nitrobenzene-d5  
Concen: 43.772 ng  
RT: 7.457 min Scan# 896  
Delta R.T. -0.017 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

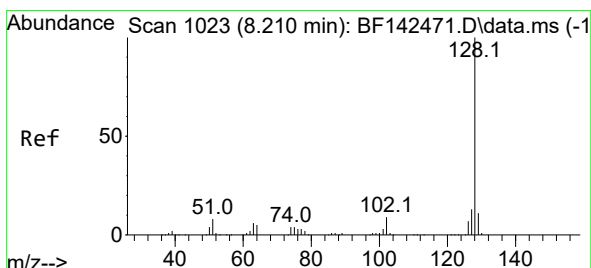
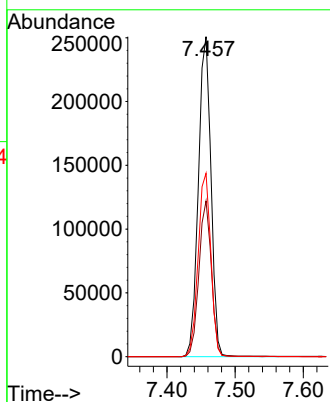
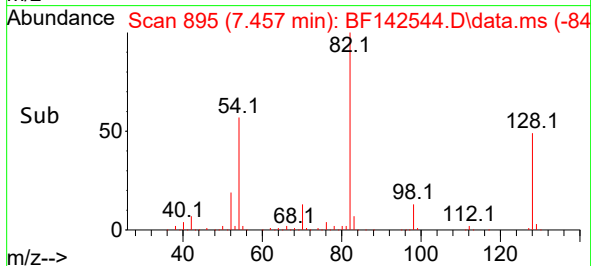
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



Tgt Ion: 82 Resp: 32313  
Ion Ratio Lower Upper  
82 100  
128 48.6 37.4 56.2  
54 57.3 46.6 70.0

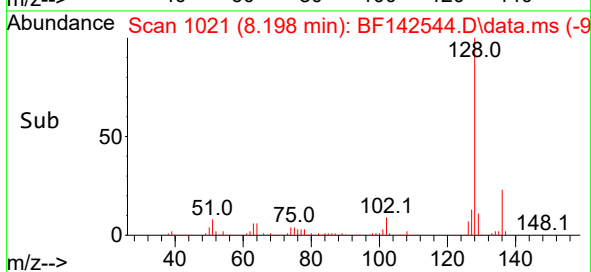
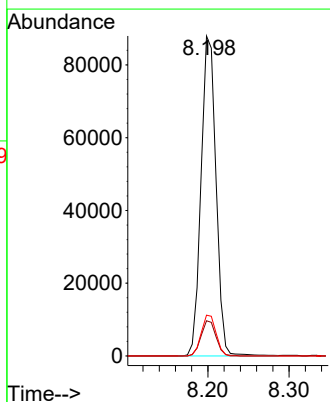
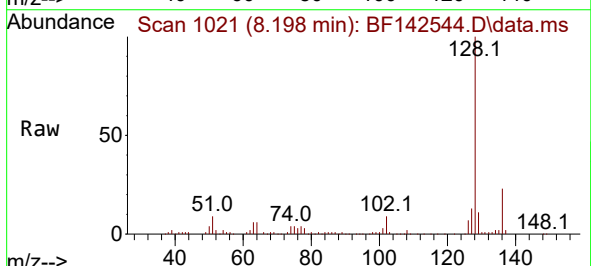
Manual Integrations  
APPROVED

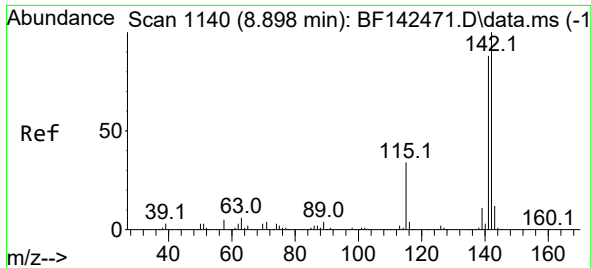
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#31  
Naphthalene  
Concen: 5.680 ng  
RT: 8.198 min Scan# 1021  
Delta R.T. -0.012 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

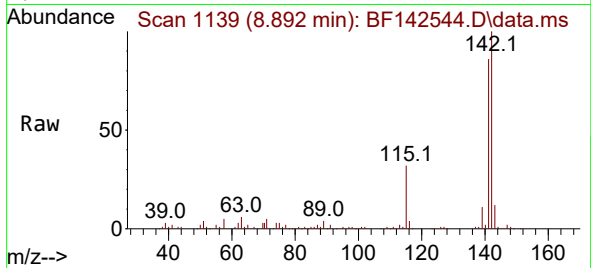
Tgt Ion:128 Resp: 112586  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 12.8 10.5 15.7





#37  
2-Methylnaphthalene  
Concen: 4.874 ng  
RT: 8.892 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

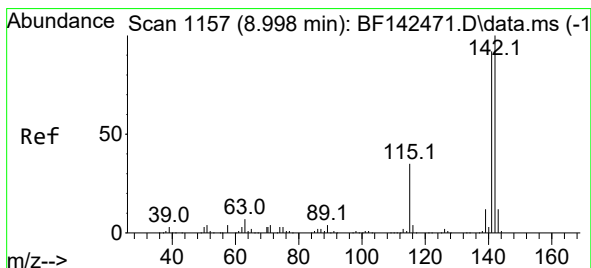
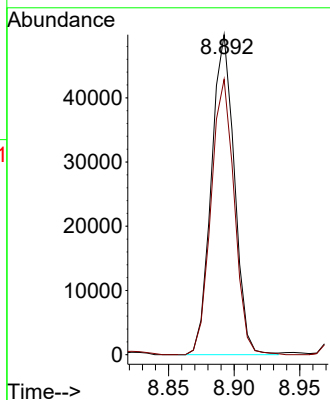
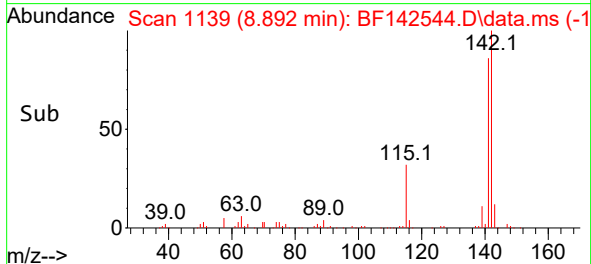
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



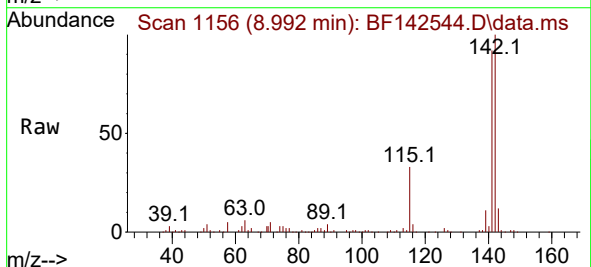
Tgt Ion:142 Resp: 6077  
Ion Ratio Lower Upper  
142 100  
141 86.0 70.7 106.1

Manual Integrations  
APPROVED

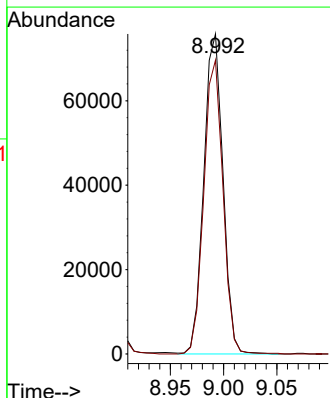
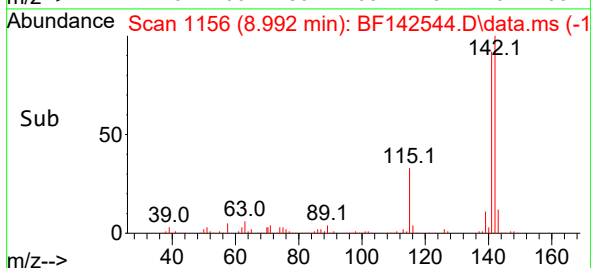
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025

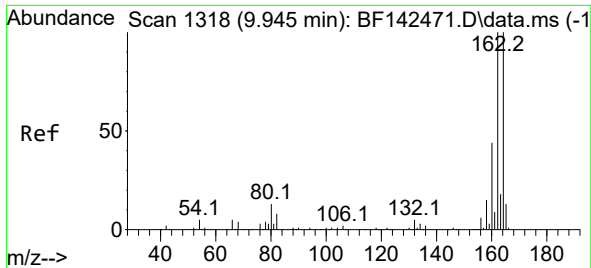


#38  
1-Methylnaphthalene  
Concen: 7.372 ng  
RT: 8.992 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27



Tgt Ion:142 Resp: 95090  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

Instrument :

BNA\_F

ClientSampleId :

TP-02-MHF

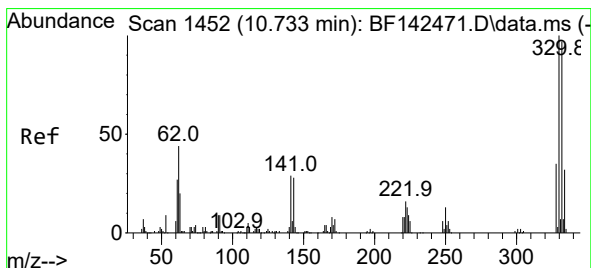
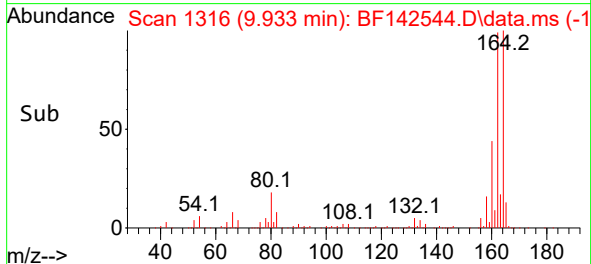
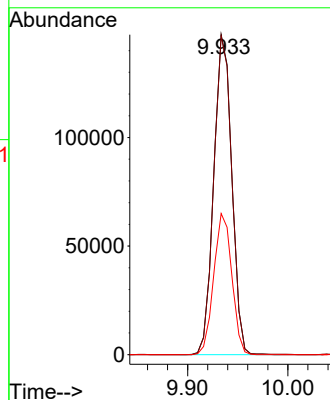
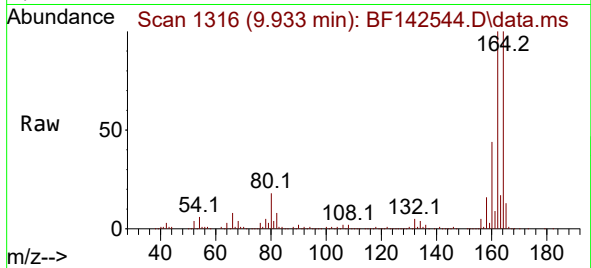
|             |                 |
|-------------|-----------------|
| Tgt Ion:164 | Resp: 18395     |
| Ion Ratio   | Lower Upper     |
| 164         | 100             |
| 162         | 99.7 80.2 120.4 |
| 160         | 44.1 35.6 53.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#42

2,4,6-Tribromophenol

Concen: 62.681 ng

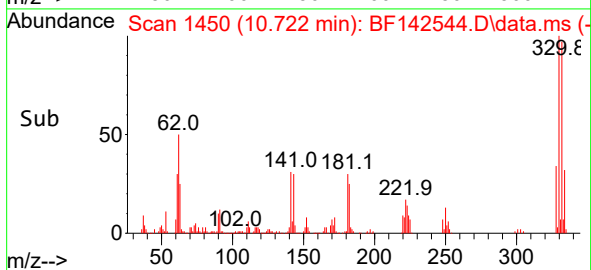
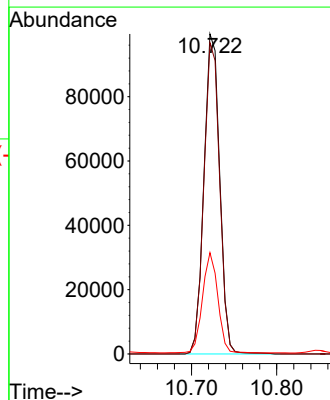
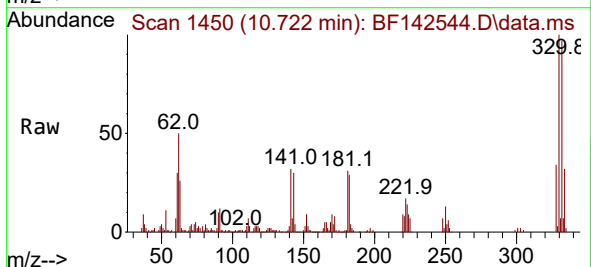
RT: 10.722 min Scan# 1450

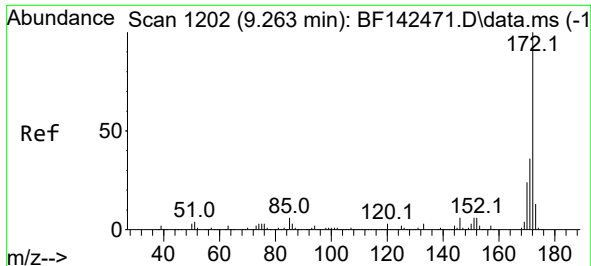
Delta R.T. -0.018 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

|             |                 |
|-------------|-----------------|
| Tgt Ion:330 | Resp: 127977    |
| Ion Ratio   | Lower Upper     |
| 330         | 100             |
| 332         | 97.1 77.6 116.4 |
| 141         | 30.5 24.6 36.8  |





#45

2-Fluorobiphenyl

Concen: 49.870 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

Instrument :

BNA\_F

ClientSampleId :

TP-02-MHF

Tgt Ion:172 Resp: 683684

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

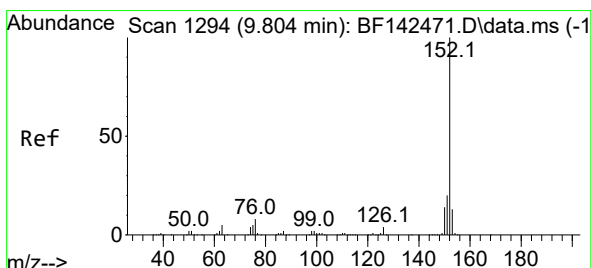
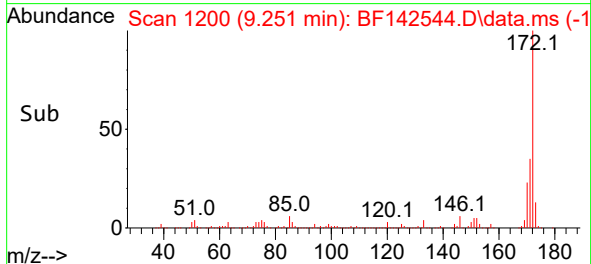
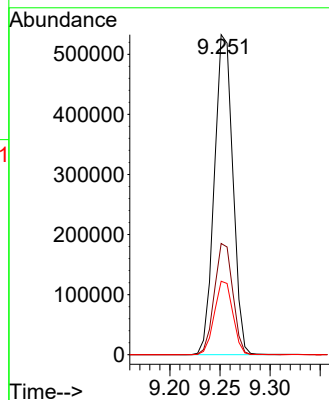
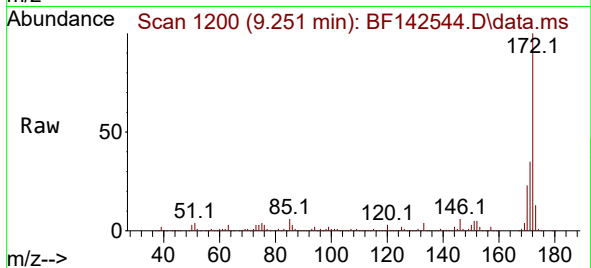
170 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#49

Acenaphthylene

Concen: 4.907 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

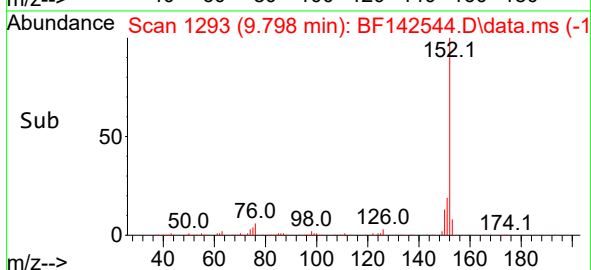
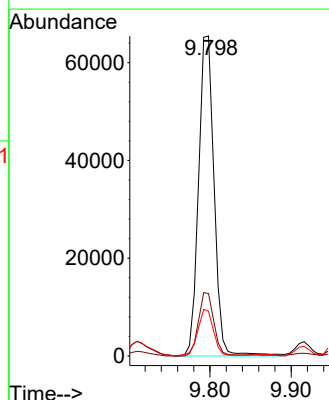
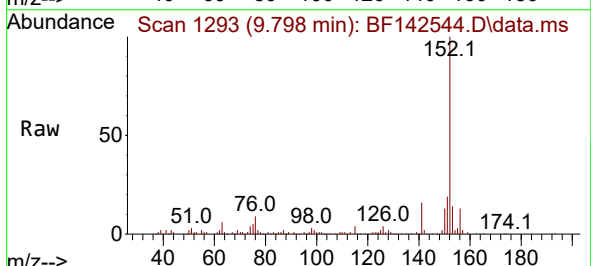
Tgt Ion:152 Resp: 87362

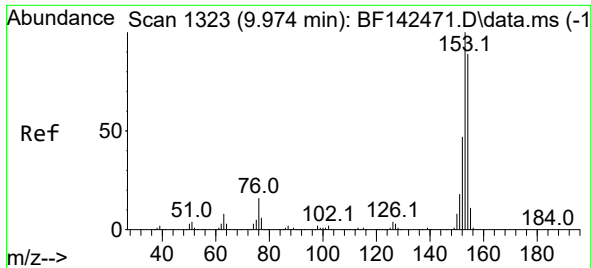
Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

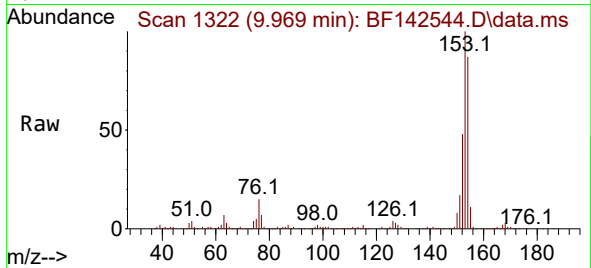
153 13.9 10.6 15.8





#52  
Acenaphthene  
Concen: 10.811 ng  
RT: 9.969 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

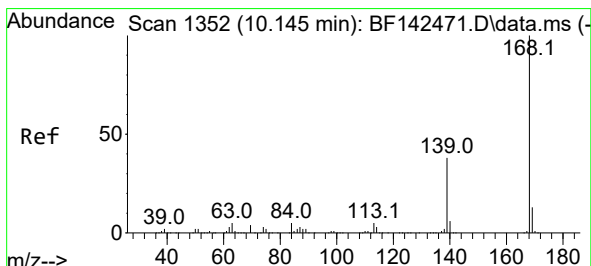
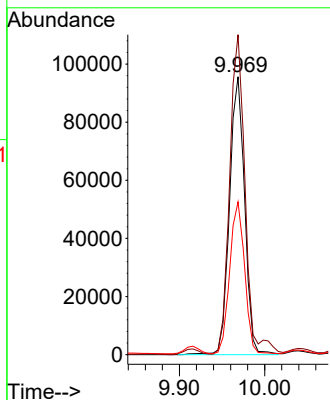
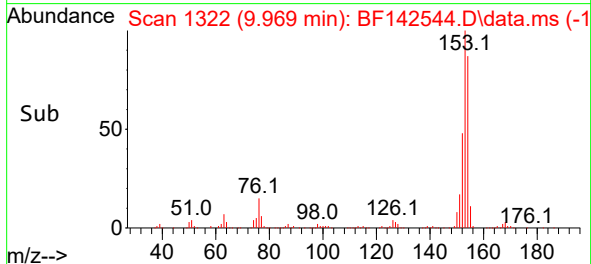
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



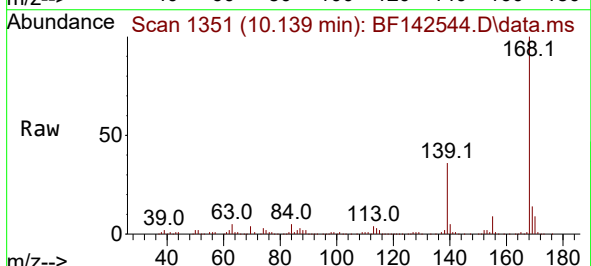
Tgt Ion:154 Resp: 11754  
Ion Ratio Lower Upper  
154 100  
153 115.1 90.0 135.0  
152 55.0 42.6 64.0

Manual Integrations  
APPROVED

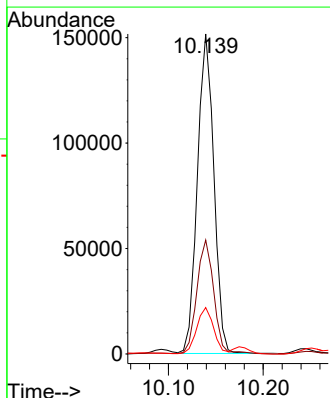
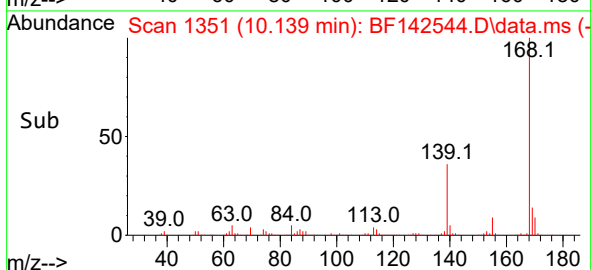
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025

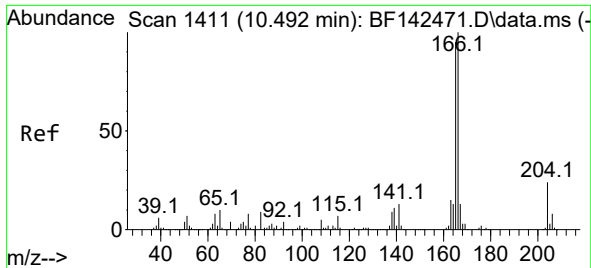


#55  
Dibenzofuran  
Concen: 11.696 ng  
RT: 10.139 min Scan# 1351  
Delta R.T. -0.012 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27



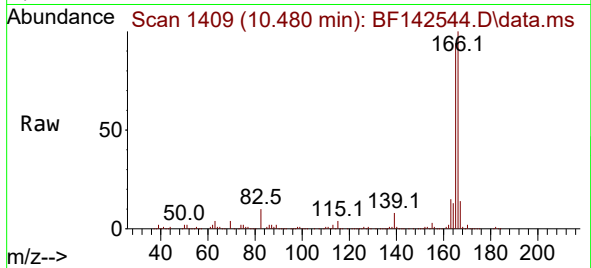
Tgt Ion:168 Resp: 182996  
Ion Ratio Lower Upper  
168 100  
139 35.6 30.2 45.2  
169 14.5 10.7 16.1





#58  
Fluorene  
Concen: 22.227 ng  
RT: 10.480 min Scan# 1411  
Delta R.T. -0.017 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

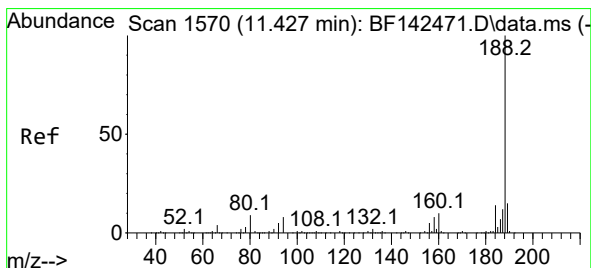
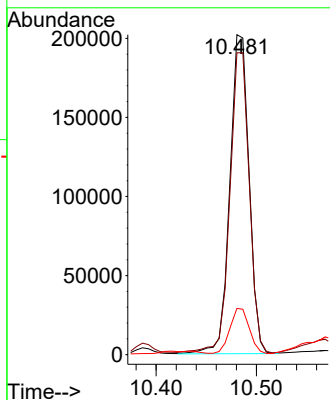
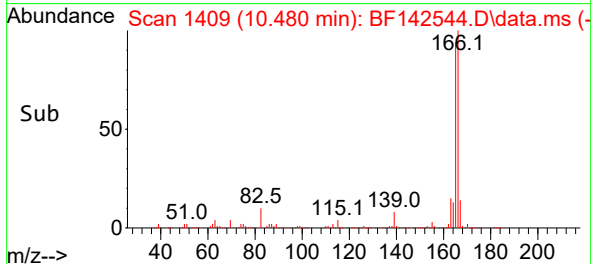
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



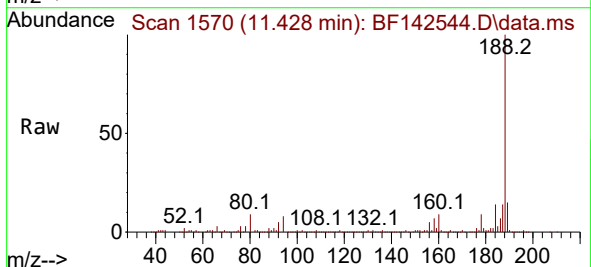
Tgt Ion:166 Resp: 268652  
Ion Ratio Lower Upper  
166 100  
165 94.3 75.8 113.8  
167 14.5 10.6 16.0

Manual Integrations  
APPROVED

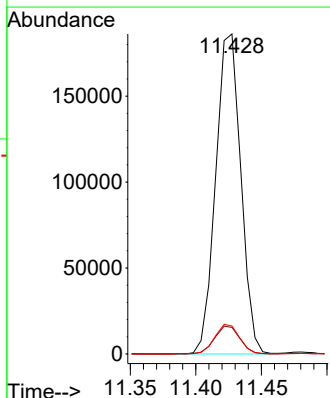
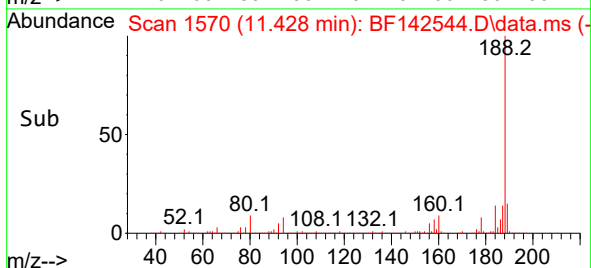
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025

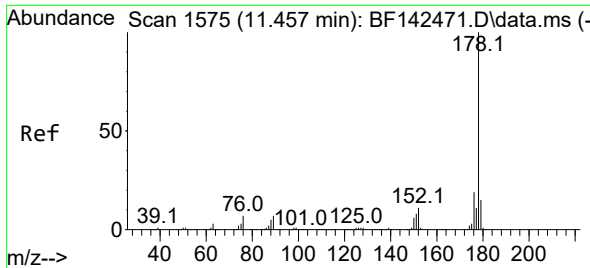


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.428 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27



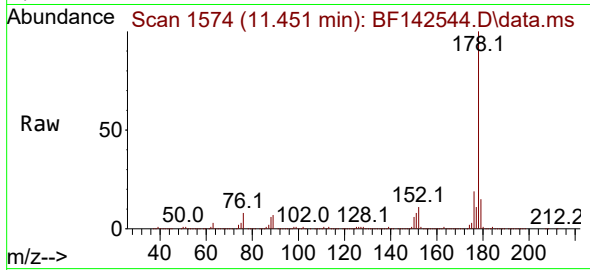
Tgt Ion:188 Resp: 247950  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.6 10.0  
80 8.8 7.4 11.0





#71  
Phenanthrene  
Concen: 79.410 ng  
RT: 11.451 min Scan# 1575  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

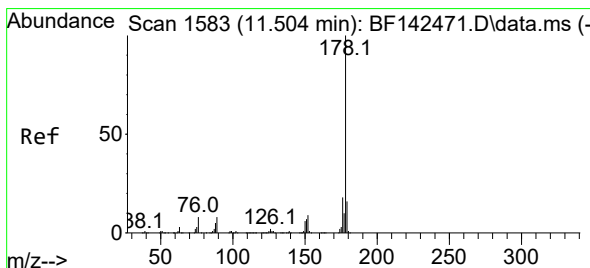
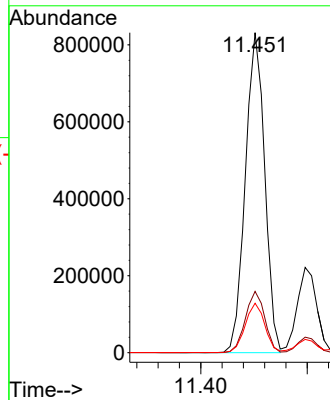
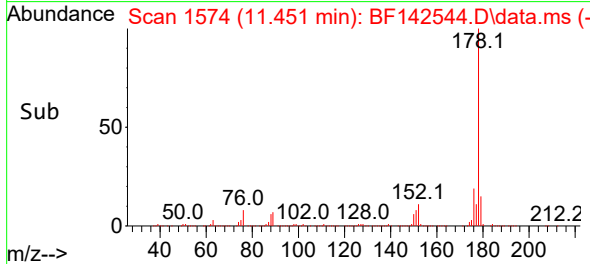
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



Tgt Ion:178 Resp: 105225  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.4 12.3 18.5

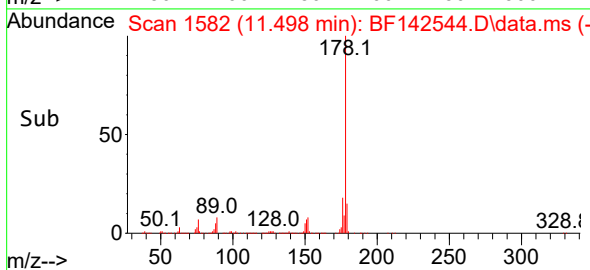
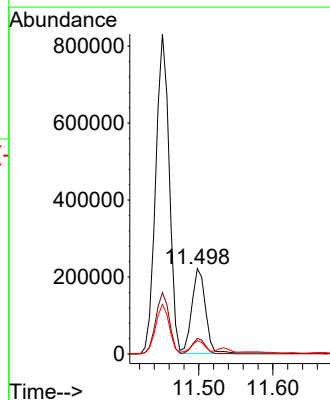
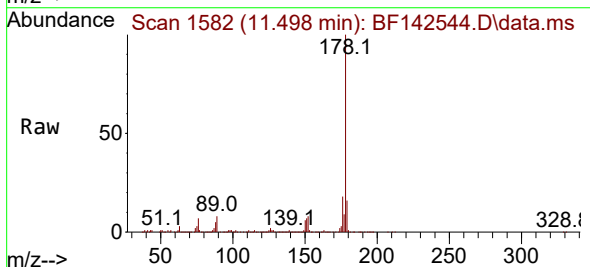
Manual Integrations  
APPROVED

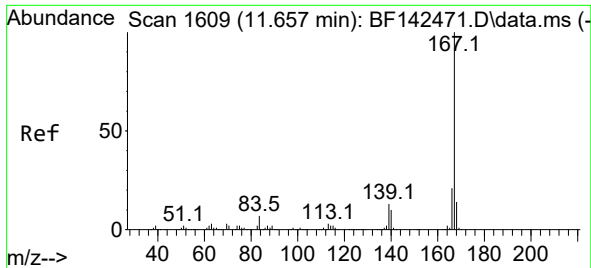
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#72  
Anthracene  
Concen: 21.197 ng  
RT: 11.498 min Scan# 1582  
Delta R.T. -0.012 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

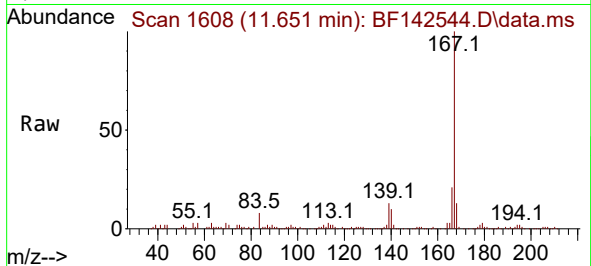
Tgt Ion:178 Resp: 286662  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 21.8  
179 15.6 12.4 18.6





#73  
 Carbazole  
 Concen: 8.566 ng  
 RT: 11.651 min Scan# 1608  
 Delta R.T. -0.012 min  
 Lab File: BF142544.D  
 Acq: 23 May 2025 19:27

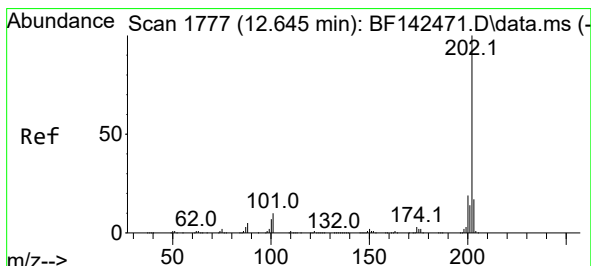
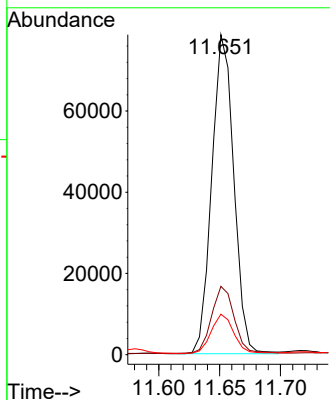
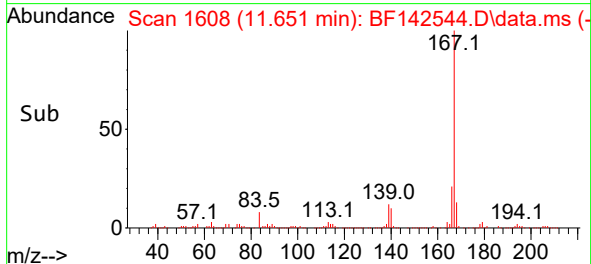
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-02-MHF



Tgt Ion:167 Resp: 99030  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 16.9 25.3  
 139 12.7 10.2 15.4

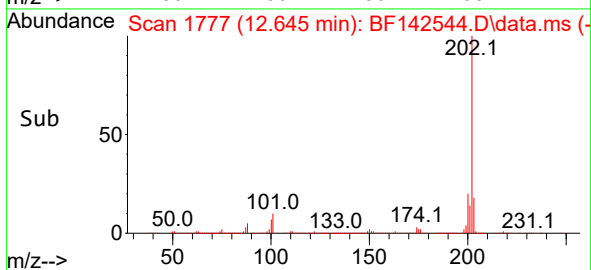
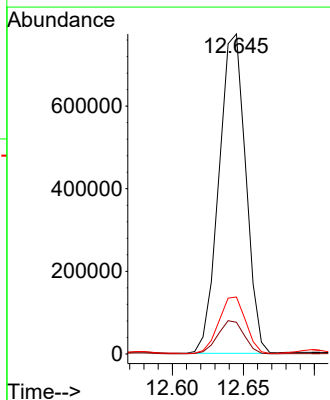
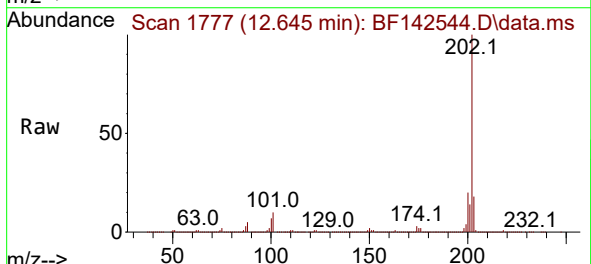
Manual Integrations  
 APPROVED

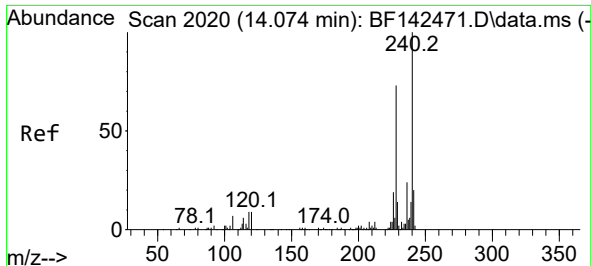
Reviewed By :Rahul Chavli 05/27/2025  
 Supervised By :Jagrut Upadhyay 05/27/2025



#75  
 Fluoranthene  
 Concen: 82.035 ng  
 RT: 12.645 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: BF142544.D  
 Acq: 23 May 2025 19:27

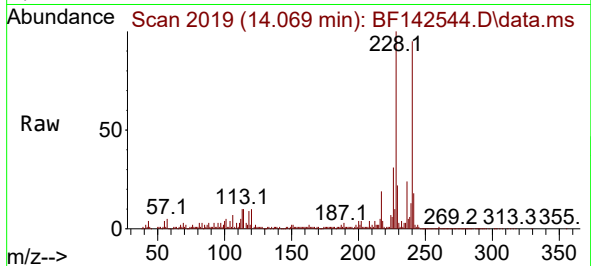
Tgt Ion:202 Resp: 1015727  
 Ion Ratio Lower Upper  
 202 100  
 101 9.9 0.0 29.6  
 203 17.8 0.0 37.2





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

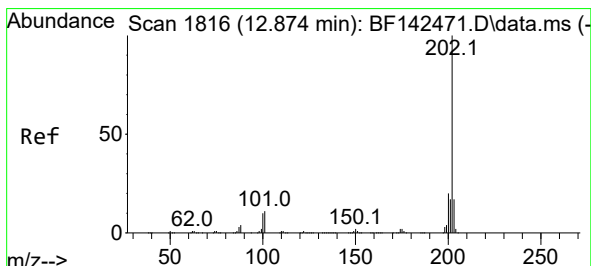
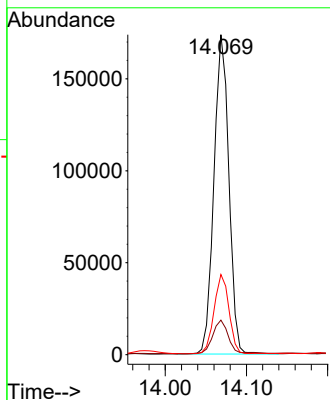
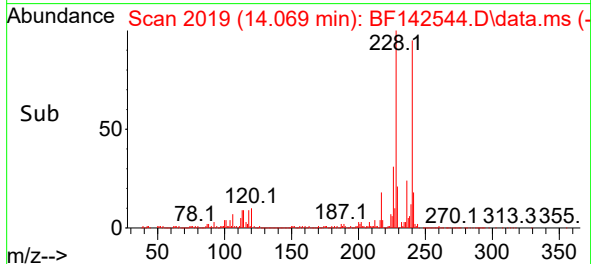
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



Tgt Ion:240 Resp: 221890  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.5 11.3  
236 25.1 19.6 29.4

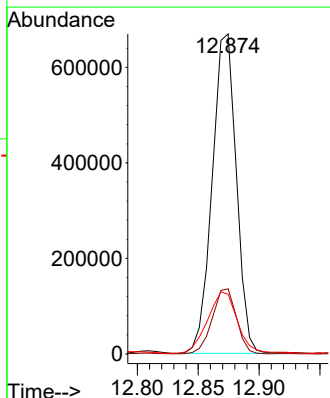
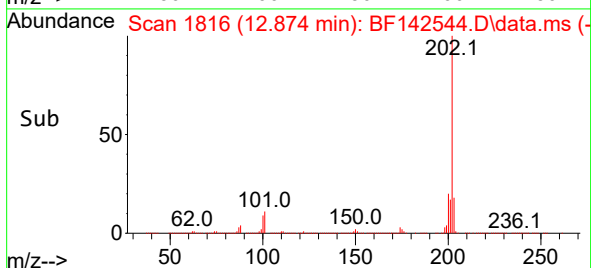
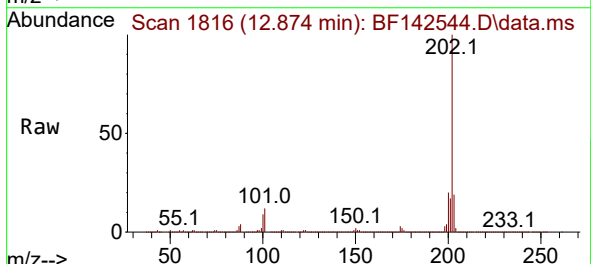
Manual Integrations  
APPROVED

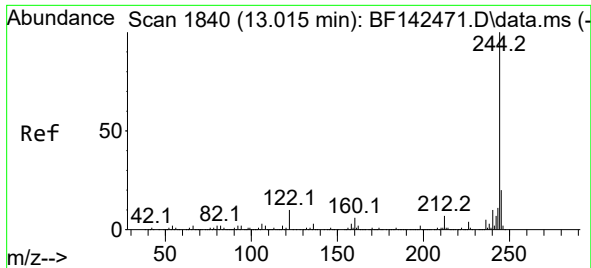
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#78  
Pyrene  
Concen: 44.594 ng  
RT: 12.874 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

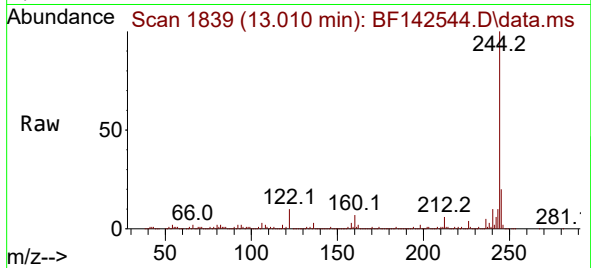
Tgt Ion:202 Resp: 923082  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.1 24.1  
203 18.6 13.9 20.9





#79  
 Terphenyl-d14  
 Concen: 32.158 ng  
 RT: 13.010 min Scan# 1840  
 Delta R.T. -0.006 min  
 Lab File: BF142544.D  
 Acq: 23 May 2025 19:27

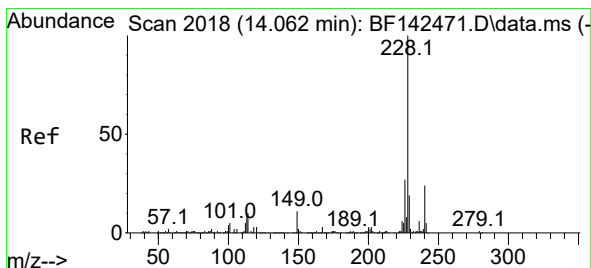
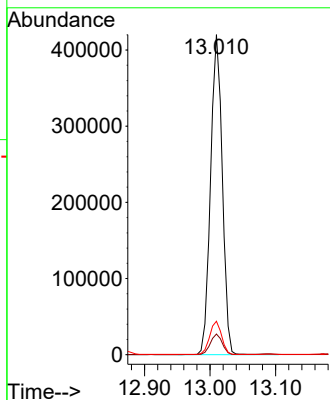
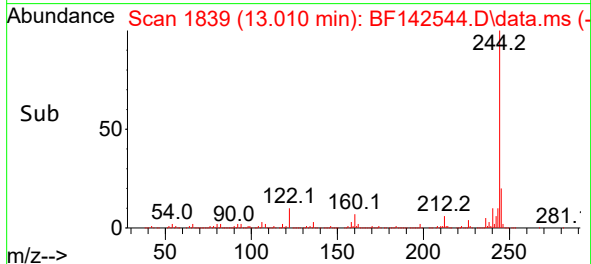
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-02-MHF



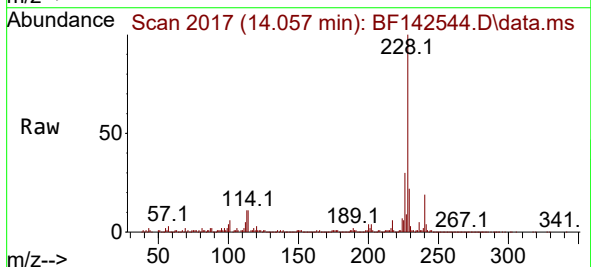
Tgt Ion:244 Resp: 522170  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.3 7.9  
 122 10.4 8.2 12.2

Manual Integrations  
 APPROVED

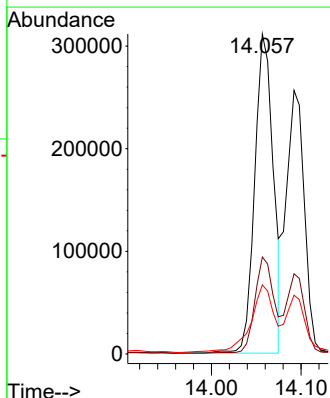
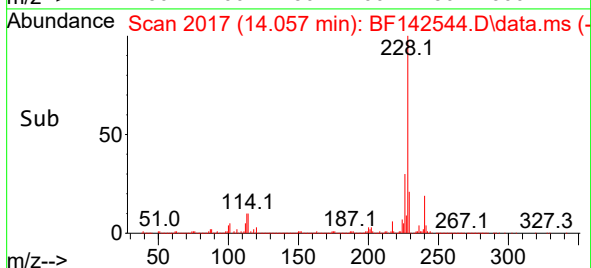
Reviewed By :Rahul Chavli 05/27/2025  
 Supervised By :Jagrut Upadhyay 05/27/2025

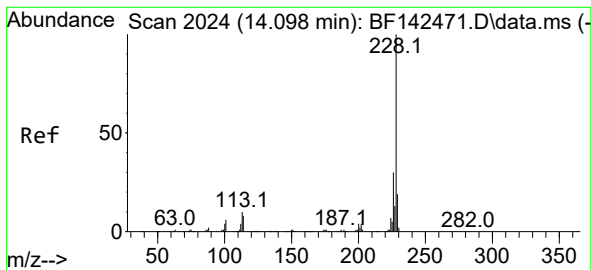


#81  
 Benzo(a)anthracene  
 Concen: 30.231 ng  
 RT: 14.057 min Scan# 2017  
 Delta R.T. -0.006 min  
 Lab File: BF142544.D  
 Acq: 23 May 2025 19:27



Tgt Ion:228 Resp: 447939  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 21.2 31.8  
 229 21.6 15.5 23.3





#83

Chrysene

Concen: 26.832 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

Instrument :

BNA\_F

ClientSampleId :

TP-02-MHF

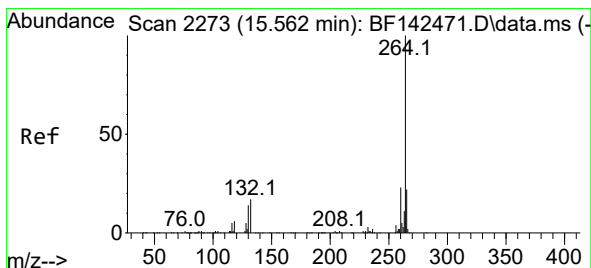
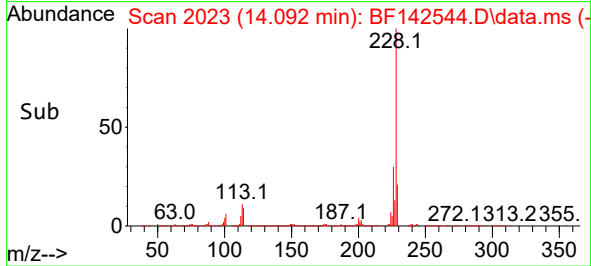
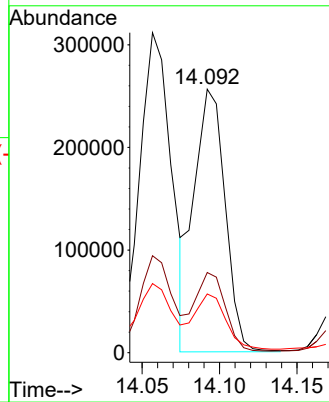
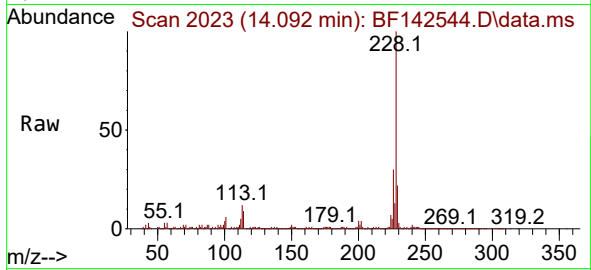
|             |             |
|-------------|-------------|
| Tgt Ion:228 | Resp: 35724 |
| Ion Ratio   | Lower Upper |
| 228 100     |             |
| 226 30.5    | 23.8 35.6   |
| 229 22.3    | 15.4 23.2   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#86

Perylene-d12

Concen: 20.000 ng

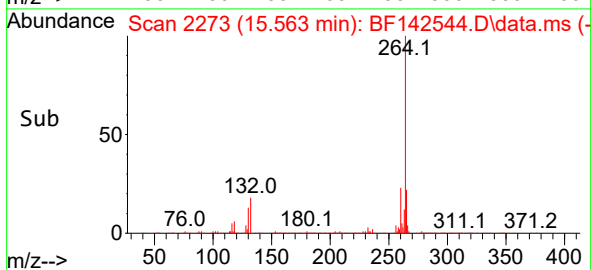
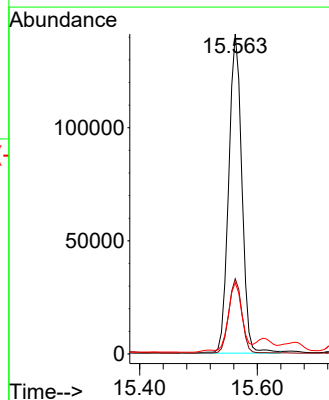
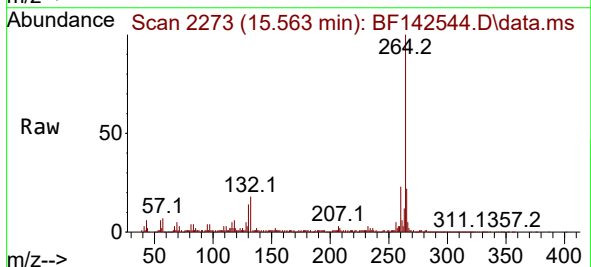
RT: 15.563 min Scan# 2273

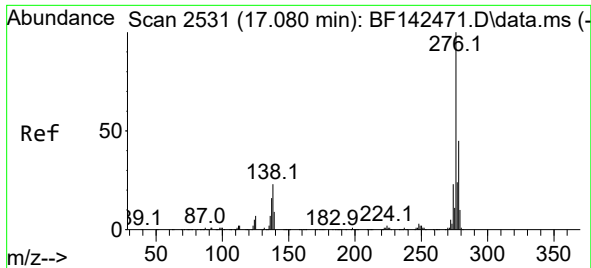
Delta R.T. -0.006 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

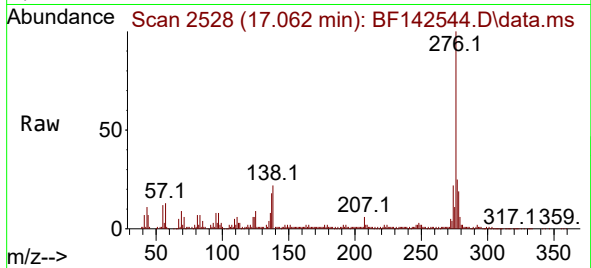
|             |              |
|-------------|--------------|
| Tgt Ion:264 | Resp: 218967 |
| Ion Ratio   | Lower Upper  |
| 264 100     |              |
| 260 23.5    | 18.6 28.0    |
| 265 22.3    | 17.7 26.5    |





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 7.886 ng  
RT: 17.062 min Scan# 2199  
Delta R.T. -0.029 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

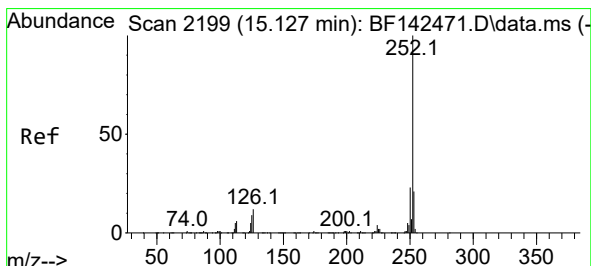
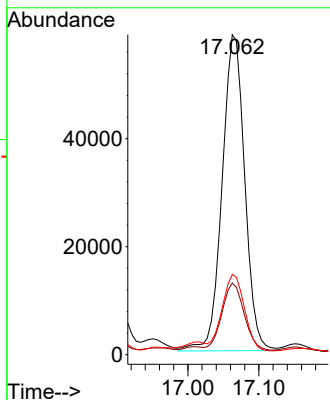
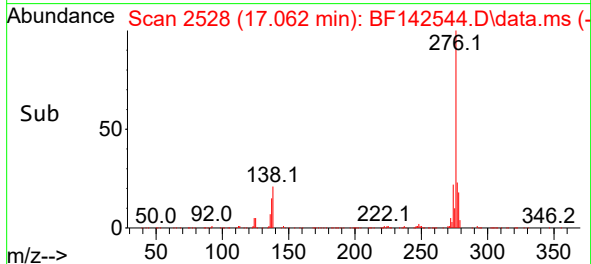
Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF



Tgt Ion: 276 Resp: 129630  
Ion Ratio Lower Upper  
276 100  
138 21.2 19.9 29.9  
277 23.8 20.2 30.2

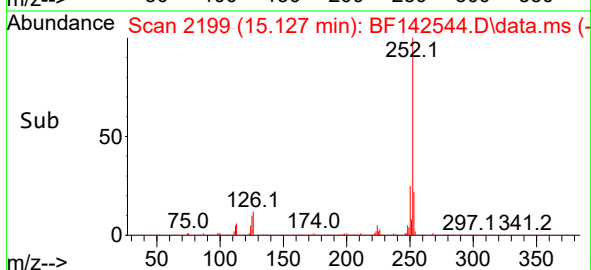
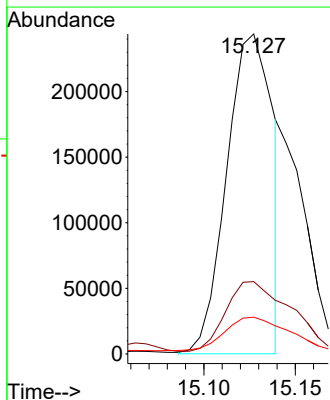
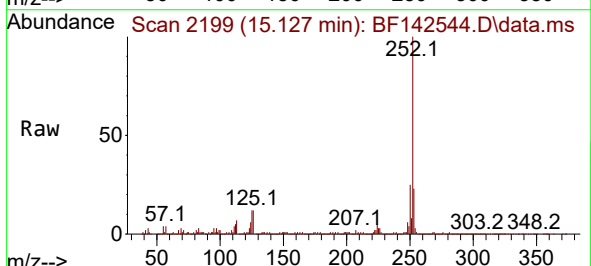
Manual Integrations  
APPROVED

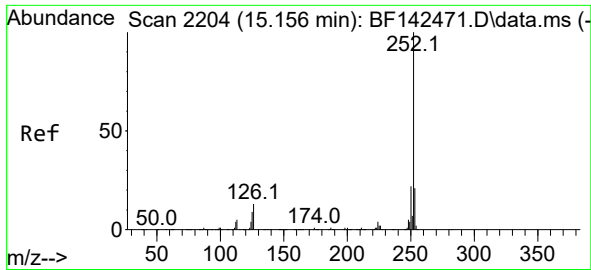
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#88  
Benzo(b)fluoranthene  
Concen: 32.954 ng m  
RT: 15.127 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

Tgt Ion: 252 Resp: 427070  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.0 25.4  
125 11.5 7.4 11.0#





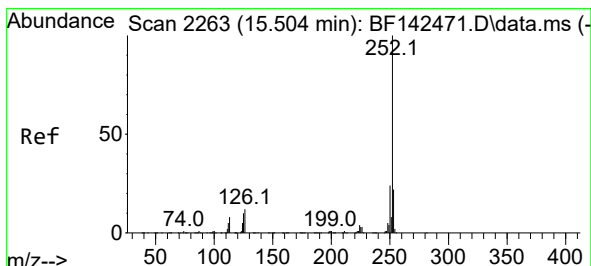
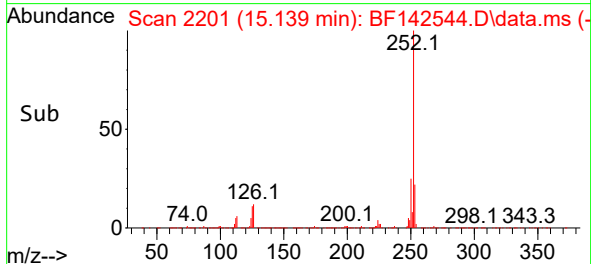
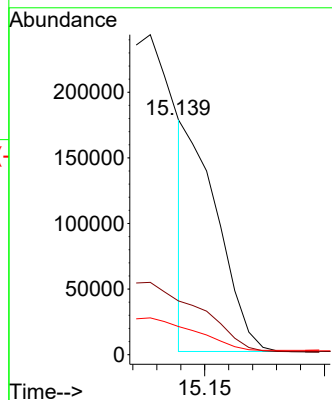
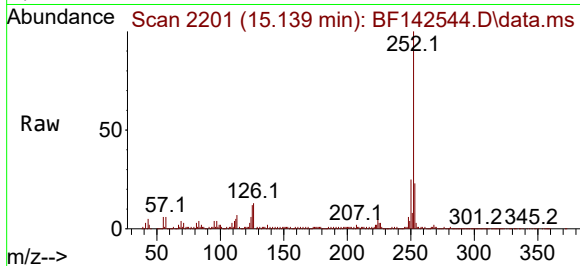
#89  
Benzo(k)fluoranthene  
Concen: 13.259 ng m  
RT: 15.139 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
TP-02-MHF

Tgt Ion:252 Resp: 160934  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.0 25.4  
125 12.0 7.3 10.9

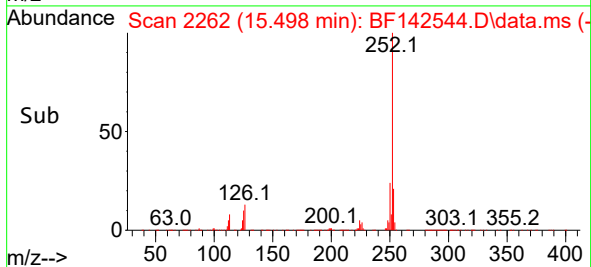
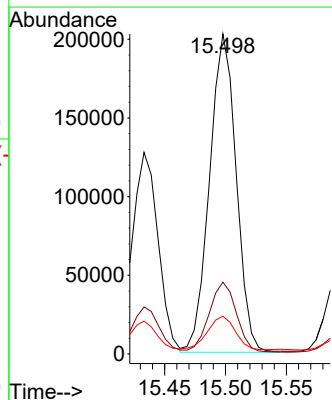
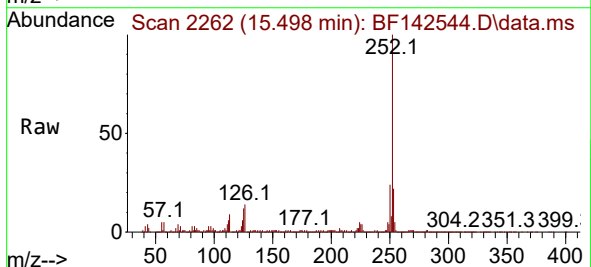
Manual Integrations  
APPROVED

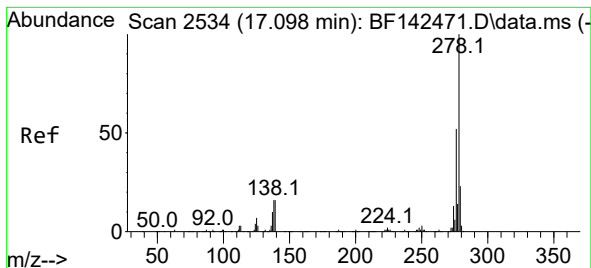
Reviewed By :Rahul Chavli 05/27/2025  
Supervised By :Jagrut Upadhyay 05/27/2025



#90  
Benzo(a)pyrene  
Concen: 25.235 ng  
RT: 15.498 min Scan# 2262  
Delta R.T. -0.012 min  
Lab File: BF142544.D  
Acq: 23 May 2025 19:27

Tgt Ion:252 Resp: 308259  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 11.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 2.685 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

Instrument :

BNA\_F

ClientSampleId :

TP-02-MHF

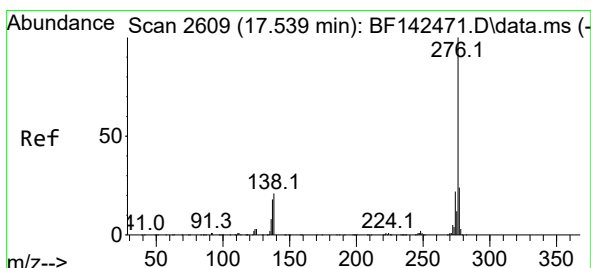
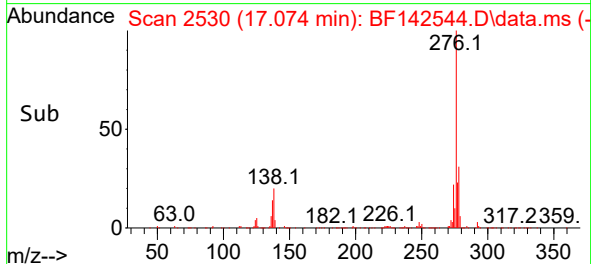
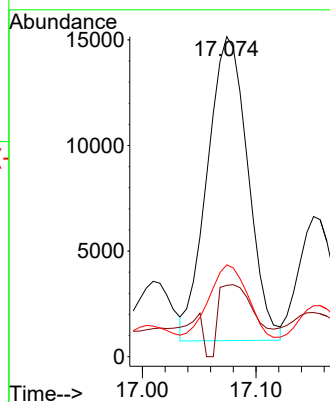
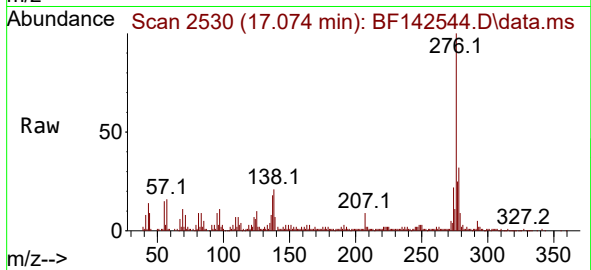
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 35790 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 22.3  | 12.8  | 19.2  |
| 279       | 28.7  | 18.6  | 28.0  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#92

Benzo(g,h,i)perylene

Concen: 8.425 ng

RT: 17.521 min Scan# 2606

Delta R.T. -0.035 min

Lab File: BF142544.D

Acq: 23 May 2025 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 112356 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.2  | 28.8   |
| 138       | 22.8  | 16.8  | 25.2   |

