

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062023\  
 Data File : BF133851.D  
 Acq On : 20 Jun 2023 12:20  
 Operator : CG\JU  
 Sample : 03295-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 13:44:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 13:43:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 175832   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.140  | 136  | 648570   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 215138   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 260550   | 20.000 | ng    | # 0.03   |
| 76) Chrysene-d12            | 14.075 | 240  | 314140   | 20.000 | ng    | 0.03     |
| 86) Perylene-d12            | 15.574 | 264  | 240170   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 609398   | 60.336 | ng    | 0.01     |
| 7) Phenol-d6                | 6.499  | 99   | 722047   | 54.922 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 470595   | 39.520 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 130959   | 48.089 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 799144   | 52.803 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 585828   | 28.856 | ng    | 0.03     |
| Target Compounds            |        |      |          |        |       |          |
| 88) Benzo(b)fluoranthene    | 15.127 | 252  | 39808m   | 2.729  | ng    | Qvalue   |
| -----                       |        |      |          |        |       |          |

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

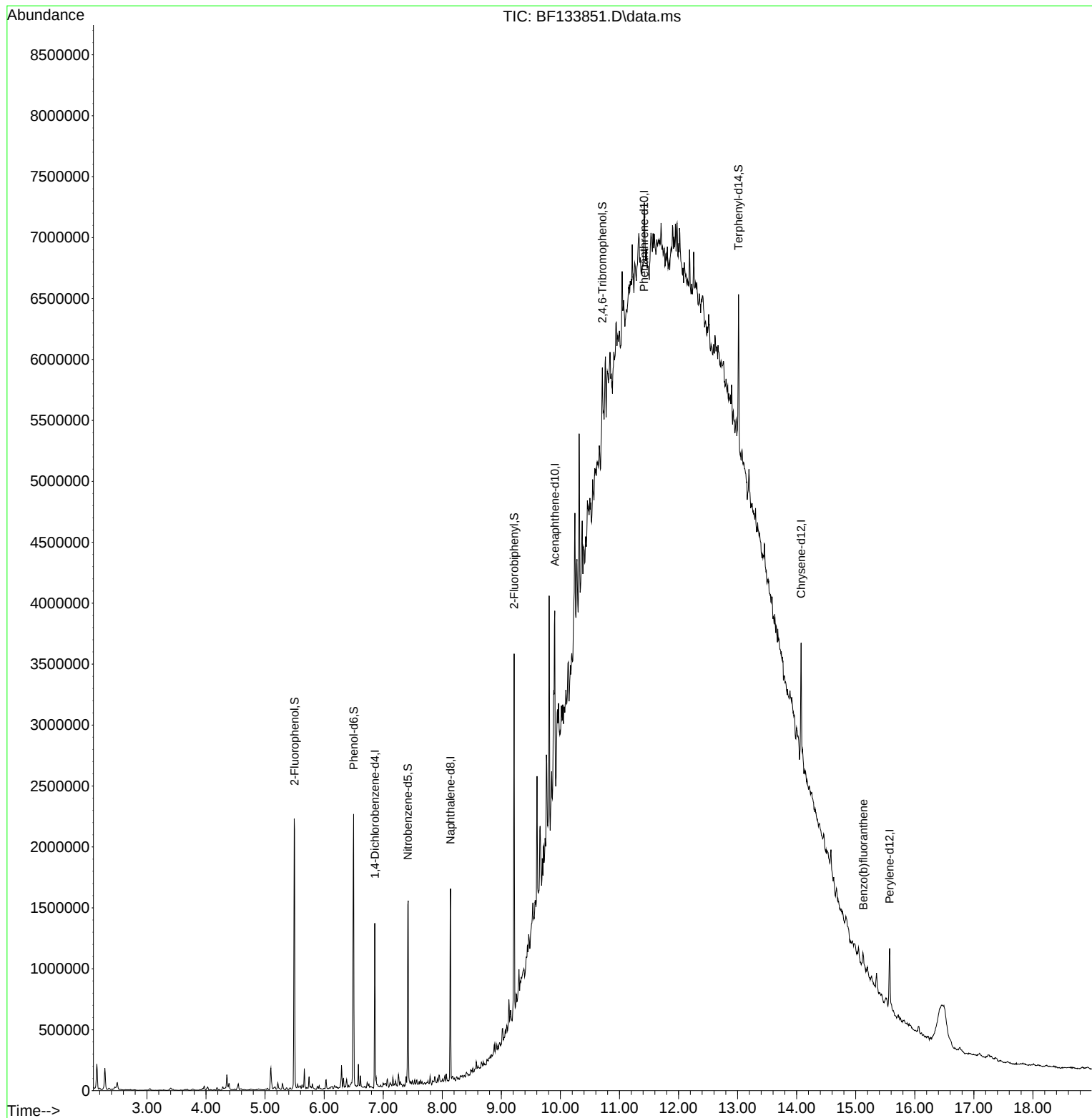
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062023\  
Data File : BF133851.D  
Acq On : 20 Jun 2023 12:20  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
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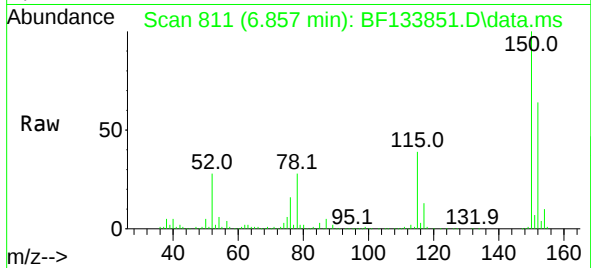
Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20

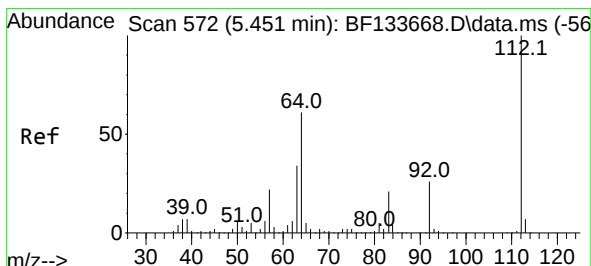
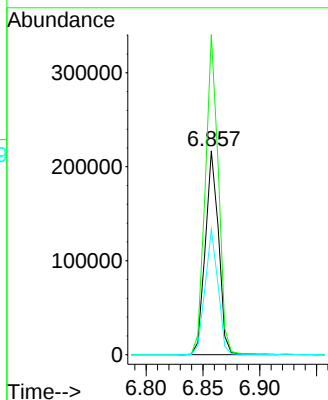
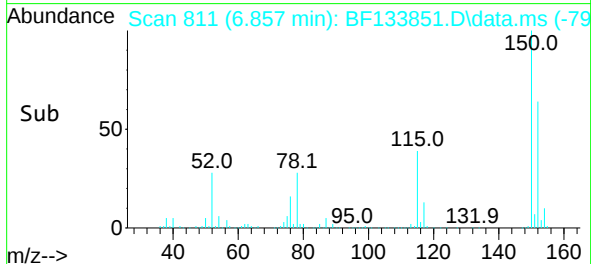
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1



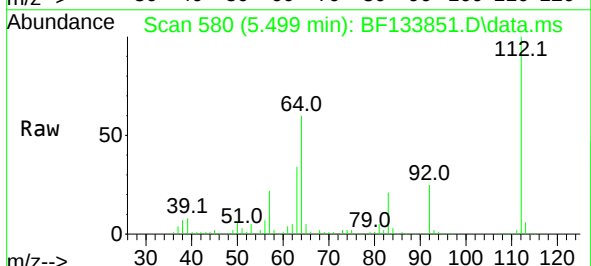
Tgt Ion:152 Resp: 17583  
Ion Ratio Lower Upper  
152 100  
150 157.0 124.3 186.5  
115 61.6 48.5 72.7

Manual Integrations  
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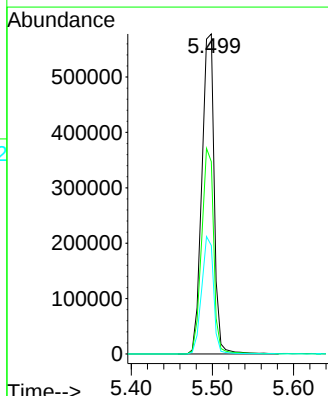
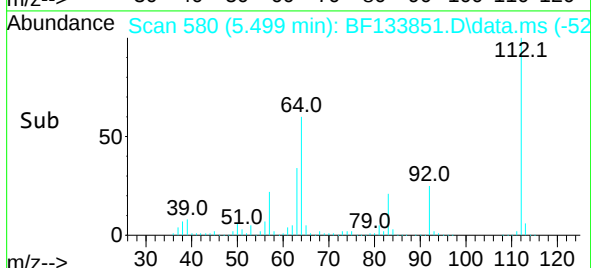
Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

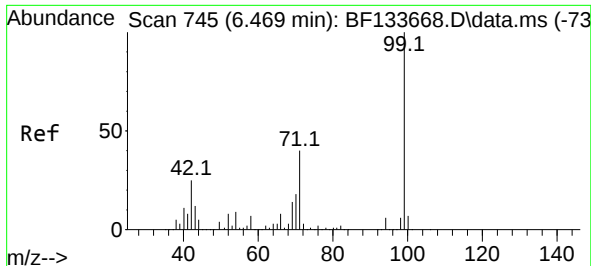


#5  
2-Fluorophenol  
Concen: 60.336 ng  
RT: 5.499 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20



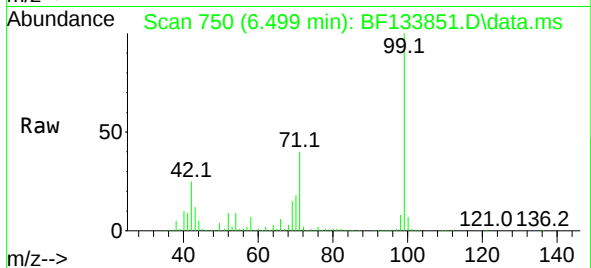
Tgt Ion:112 Resp: 609398  
Ion Ratio Lower Upper  
112 100  
64 60.1 49.0 73.4  
63 33.9 26.8 40.2





#7  
Phenol-d6  
Concen: 54.922 ng  
RT: 6.499 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20

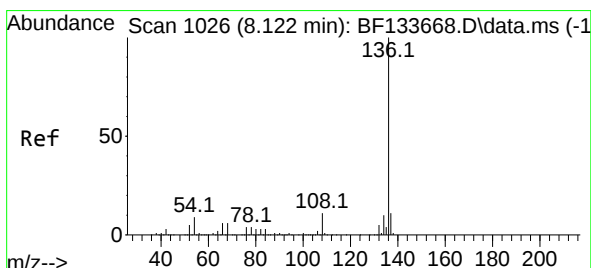
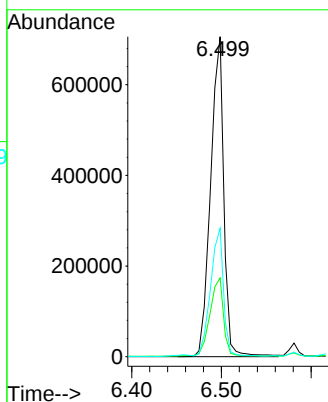
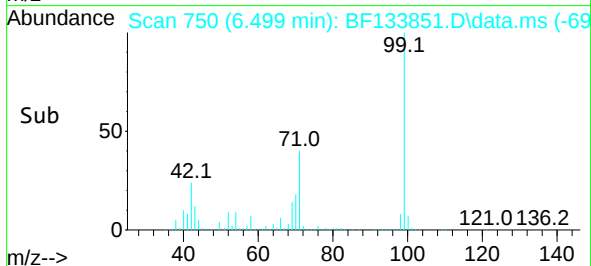
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1



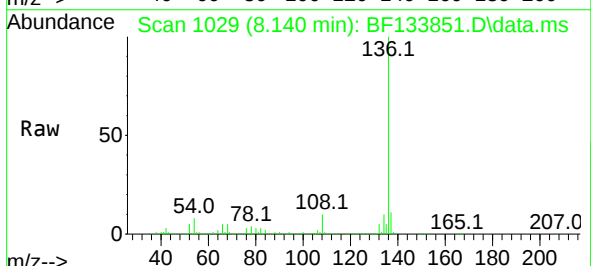
Tgt Ion: 99 Resp: 72204  
Ion Ratio Lower Upper  
99 100  
42 24.6 19.9 29.9  
71 40.1 32.2 48.4

Manual Integrations  
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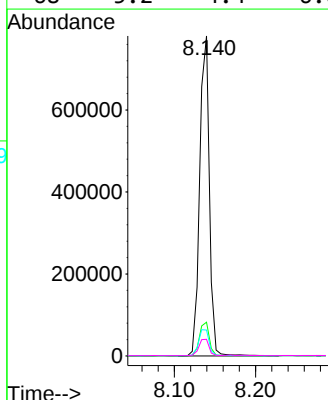
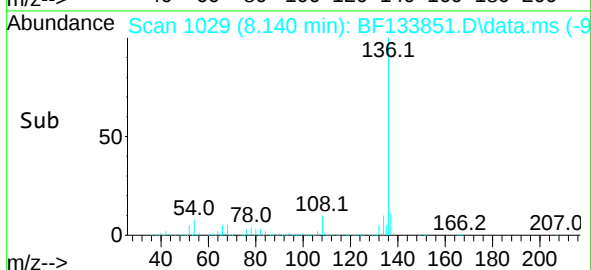
Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

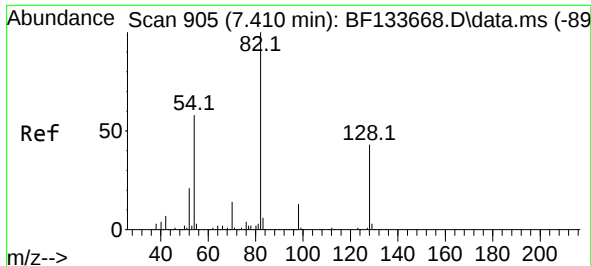


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20



Tgt Ion:136 Resp: 648570  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 8.1 7.4 11.0  
68 5.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 39.520 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133851.D

Acq: 20 Jun 2023 12:20

Instrument :

BNA\_F

ClientSampleId :

WC-1

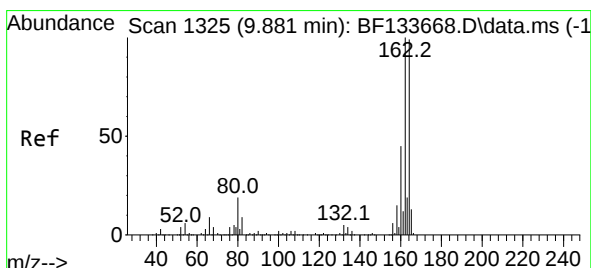
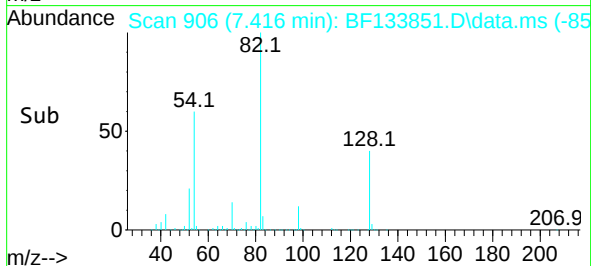
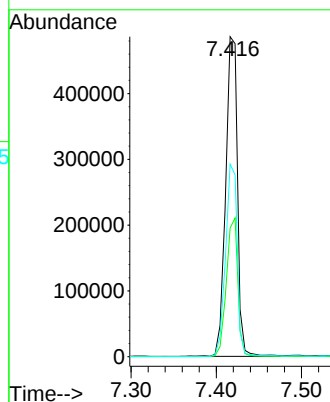
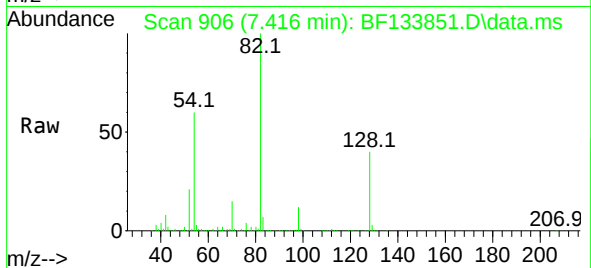
Tgt Ion: 82 Resp: 47059  
 Ion Ratio Lower Upper  
 82 100  
 128 40.2 34.2 51.2  
 54 60.1 46.5 69.7

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

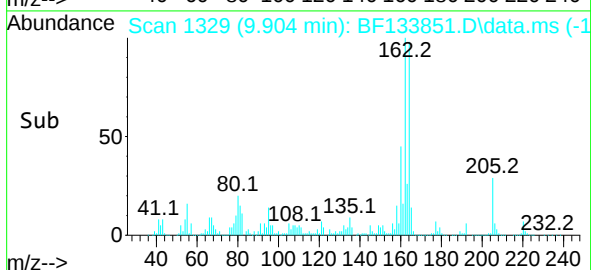
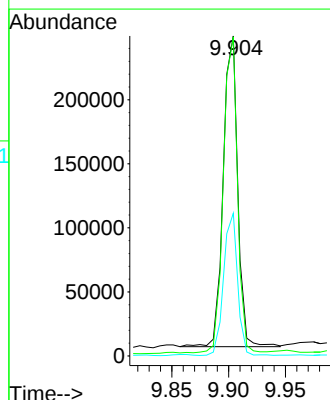
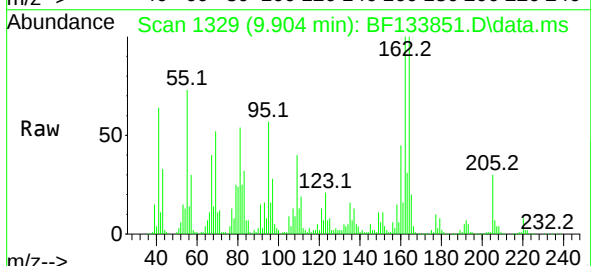
RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF133851.D

Acq: 20 Jun 2023 12:20

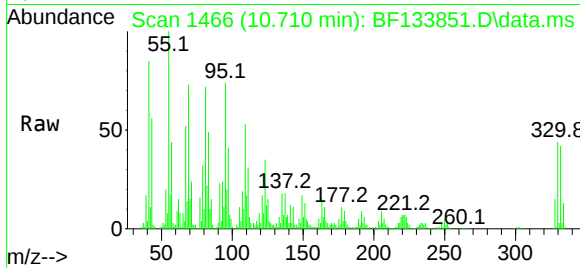
Tgt Ion:164 Resp: 215138  
 Ion Ratio Lower Upper  
 164 100  
 162 99.8 80.8 121.2  
 160 44.6 36.7 55.1





#42  
2,4,6-Tribromophenol  
Concen: 48.089 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.018 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20

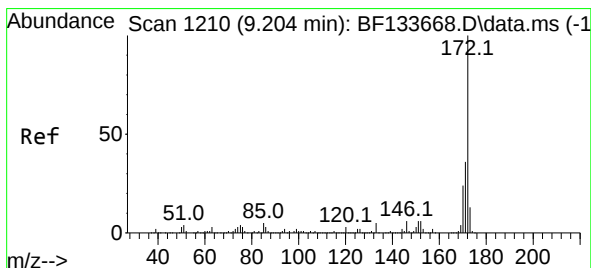
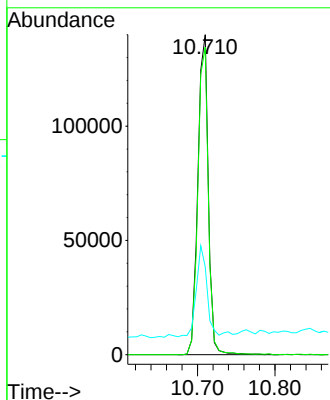
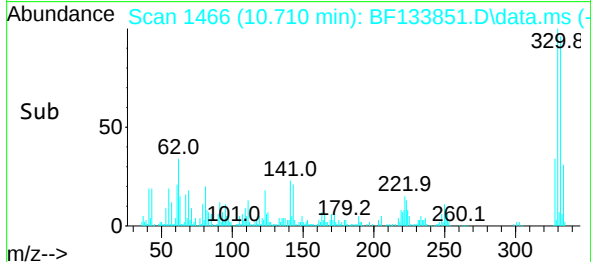
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1



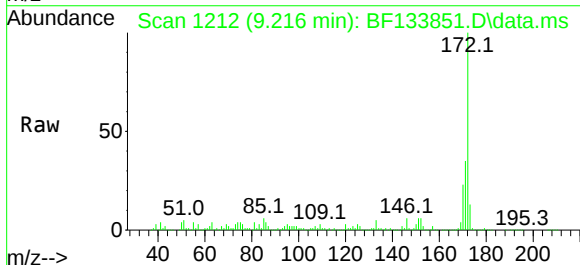
Tgt Ion:330 Resp: 130959  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.2 115.8  
141 28.5 24.9 37.3

Manual Integrations  
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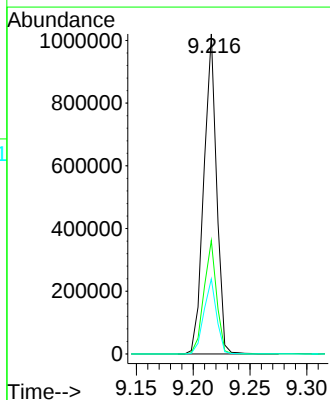
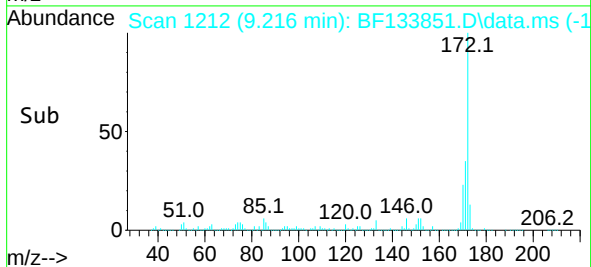
Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

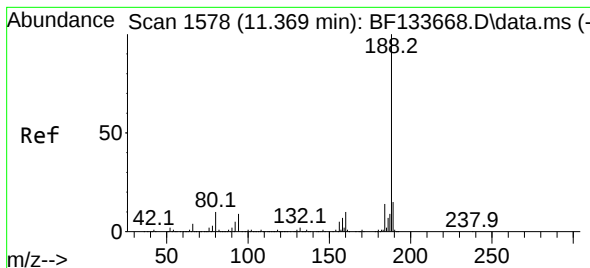


#45  
2-Fluorobiphenyl  
Concen: 52.803 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20



Tgt Ion:172 Resp: 799144  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF133851.D

Acq: 20 Jun 2023 12:20

Instrument :

BNA\_F

ClientSampleId :

WC-1

Tgt Ion:188 Resp: 260550

Ion Ratio Lower Upper

188 100

94 19.4 6.8 10.2

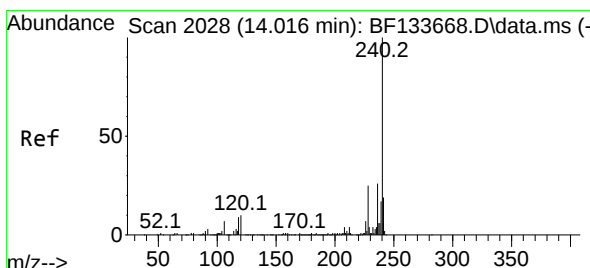
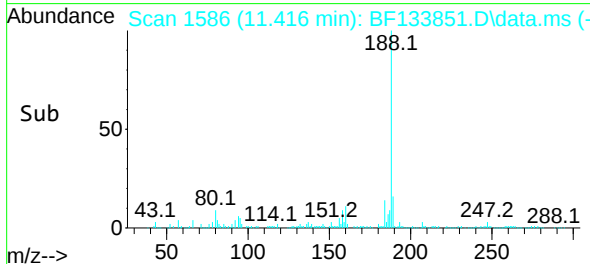
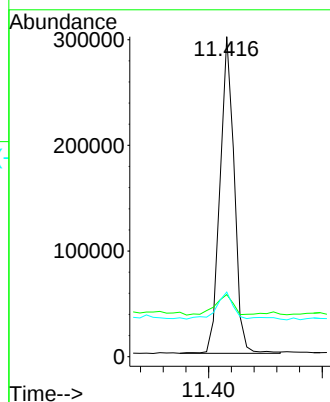
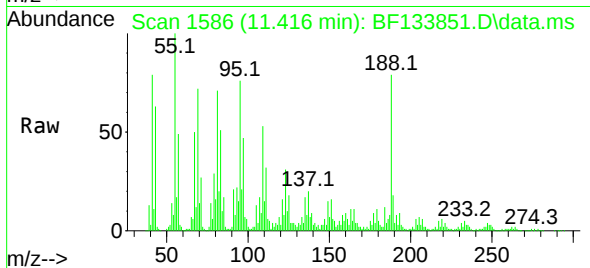
80 20.2 7.8 11.6

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.075 min Scan# 2038

Delta R.T. 0.030 min

Lab File: BF133851.D

Acq: 20 Jun 2023 12:20

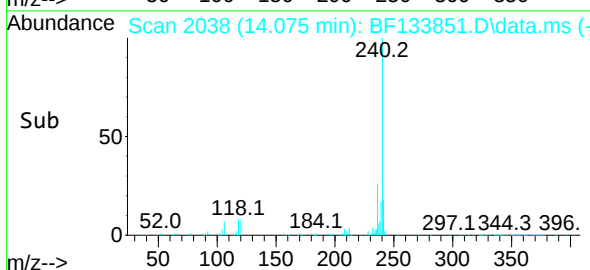
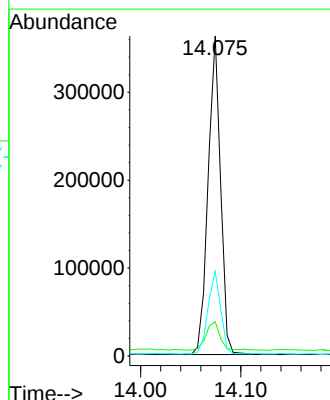
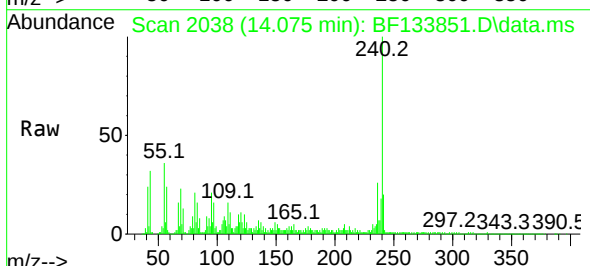
Tgt Ion:240 Resp: 314140

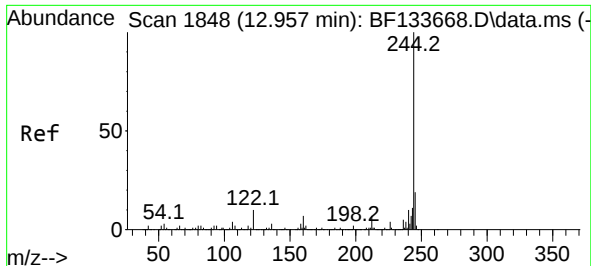
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

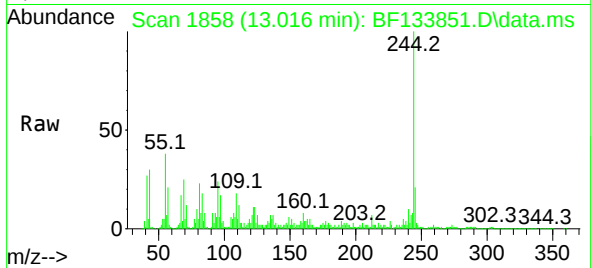
236 26.5 20.5 30.7





#79  
Terphenyl-d14  
Concen: 28.856 ng  
RT: 13.016 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20

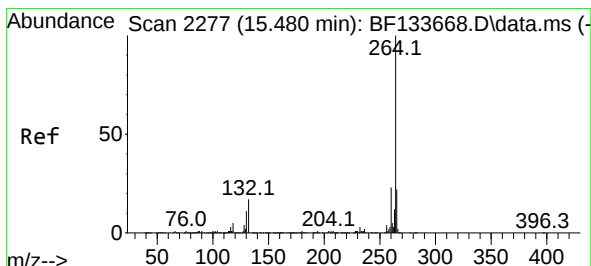
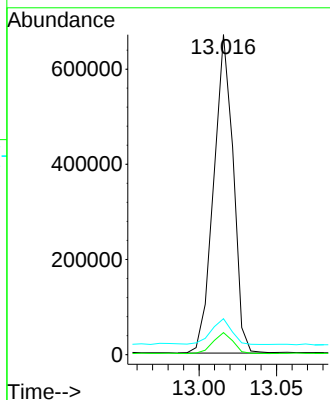
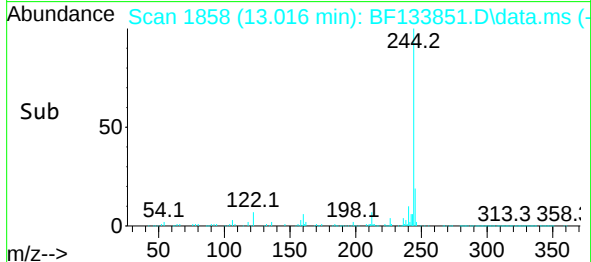
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1



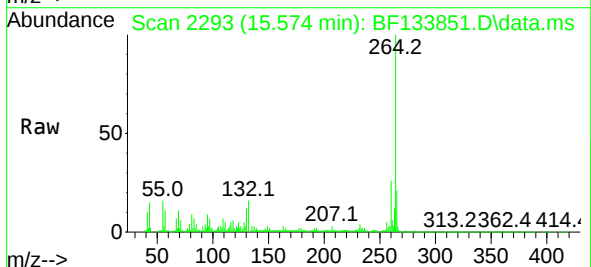
Tgt Ion:244 Resp: 585828  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.2  
122 11.2 8.1 12.1

Manual Integrations  
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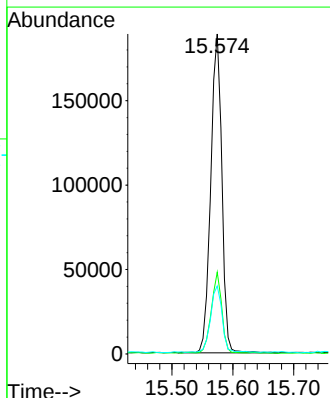
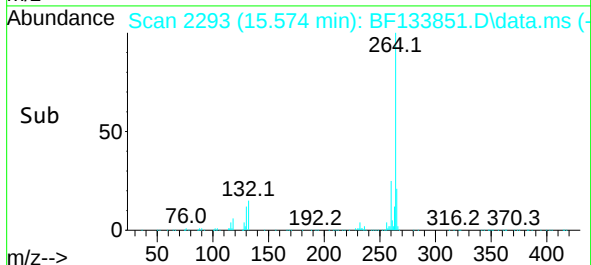
Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

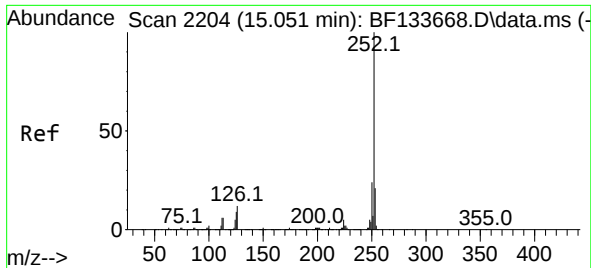


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. 0.024 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20



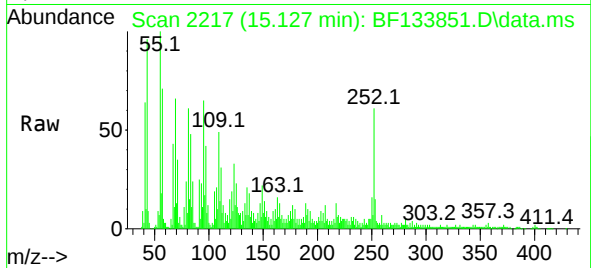
Tgt Ion:264 Resp: 240170  
Ion Ratio Lower Upper  
264 100  
260 25.5 18.2 27.2  
265 21.3 17.8 26.6





#88  
Benzo(b)fluoranthene  
Concen: 2.729 ng m  
RT: 15.127 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BF133851.D  
Acq: 20 Jun 2023 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1



Tgt Ion:252 Resp: 39808  
Ion Ratio Lower Upper  
252 100  
253 24.7 17.0 25.6  
125 38.5 7.3 10.9

Manual Integrations  
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Supervised By :mohammad ahmed 06/21/2023

