

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060923\  
 Data File : BF133681.D  
 Acq On : 09 Jun 2023 17:56  
 Operator : CG\JU  
 Sample : 03039-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC31

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023  
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 18:47:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 09 15:37:41 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 103684   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 370376   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 154970   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.369 | 188  | 244001   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 145036   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.480 | 264  | 113198   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 481287   | 80.810 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 581144   | 74.963 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 370496   | 54.484 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 121159   | 61.764 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 656185   | 60.191 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 528616   | 56.396 | ng    | 0.00     |

|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

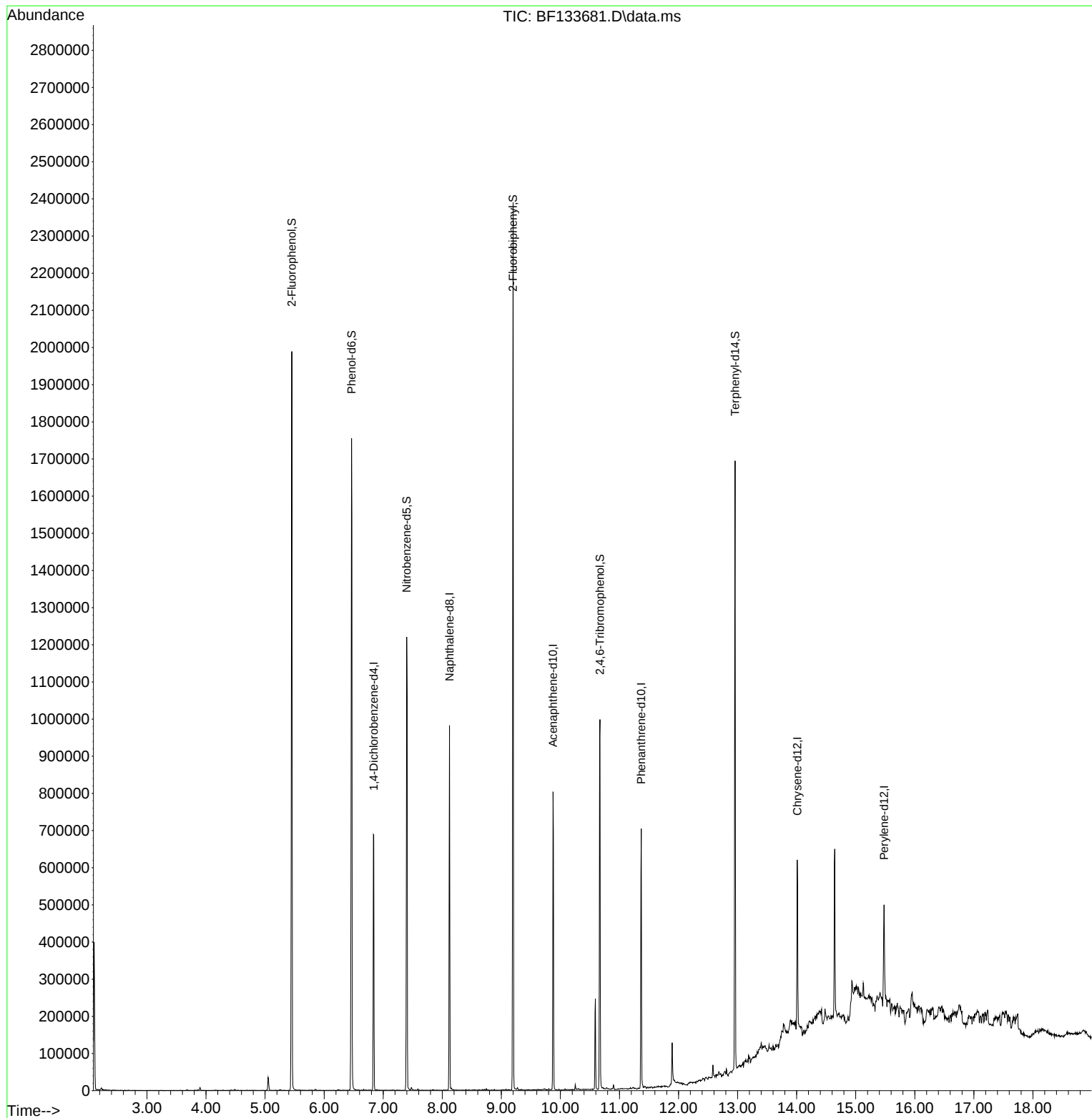
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060923\  
Data File : BF133681.D  
Acq On : 09 Jun 2023 17:56  
Operator : CG\JU  
Sample : 03039-06  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

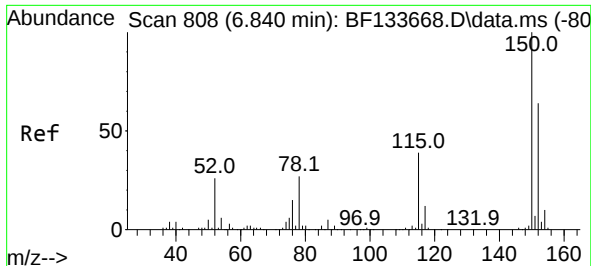
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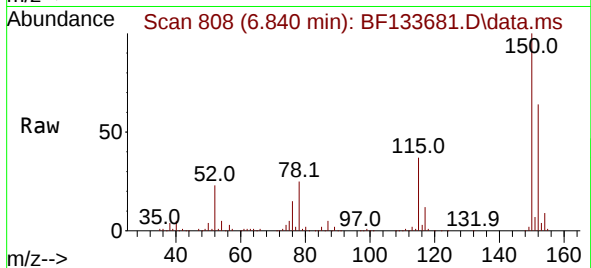
Quant Time: Jun 09 18:47:07 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 09 15:37:41 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56

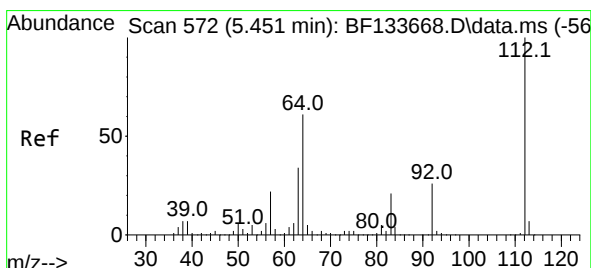
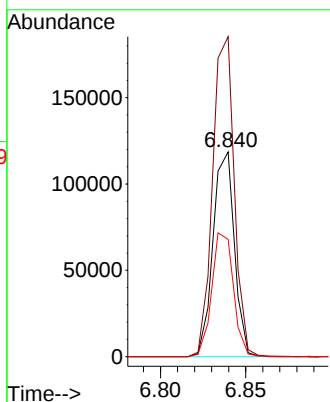
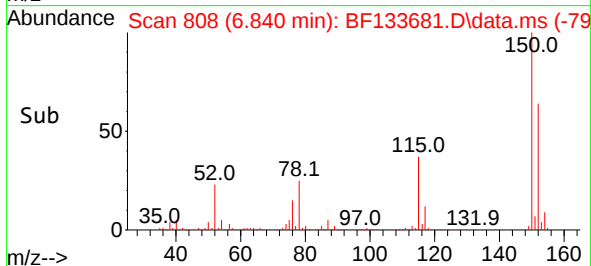
Instrument :  
BNA\_F  
ClientSampleId :  
WC31



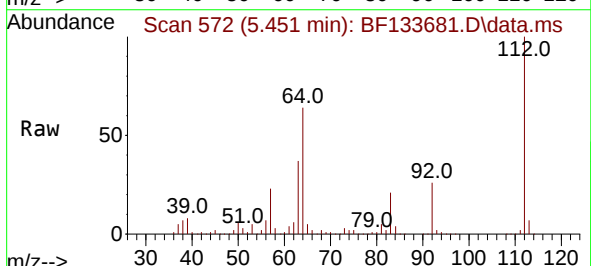
Tgt Ion:152 Resp: 103684  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.3 186.5  
115 57.2 48.5 72.7

Manual Integrations  
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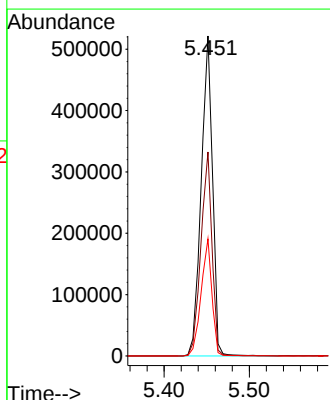
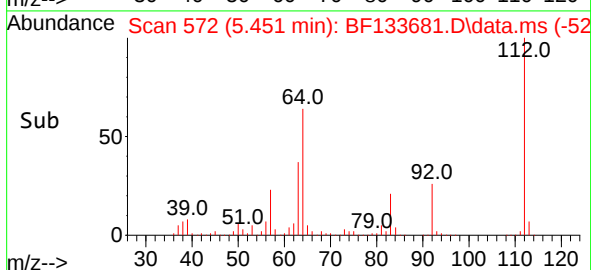
Reviewed By :Yogesh Patel 06/13/2023  
Supervised By :mohammad ahmed 06/13/2023

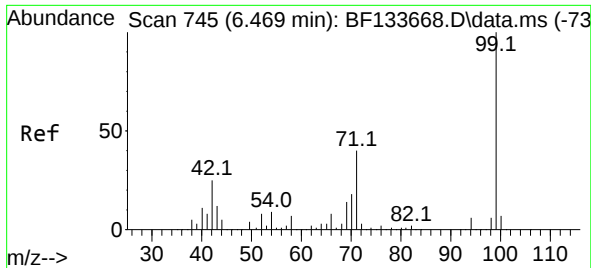


#5  
2-Fluorophenol  
Concen: 80.810 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56



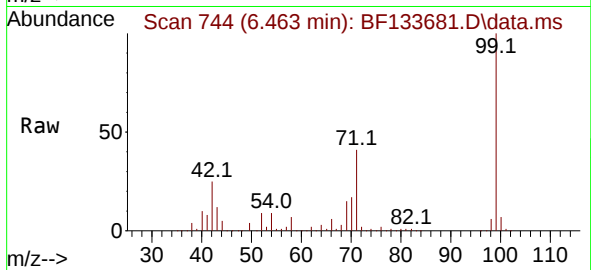
Tgt Ion:112 Resp: 481287  
Ion Ratio Lower Upper  
112 100  
64 63.7 49.0 73.4  
63 36.6 26.8 40.2





#7  
Phenol-d6  
Concen: 74.963 ng  
RT: 6.463 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56

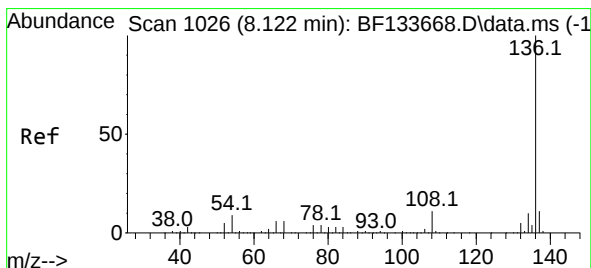
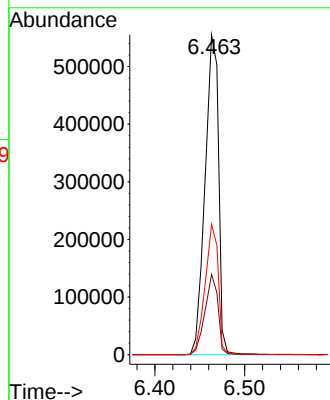
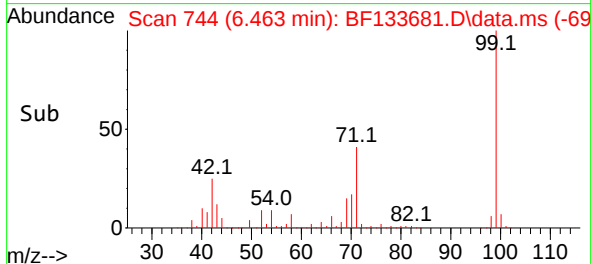
Instrument :  
BNA\_F  
ClientSampleId :  
WC31



Tgt Ion: 99 Resp: 581144  
Ion Ratio Lower Upper  
99 100  
42 25.0 19.9 29.9  
71 40.7 32.2 48.4

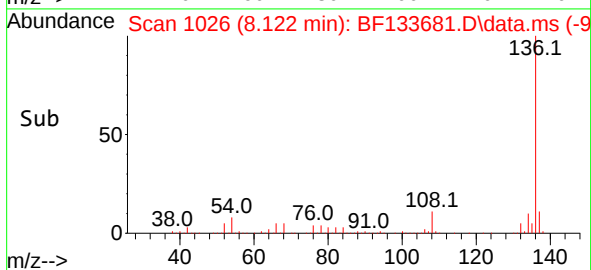
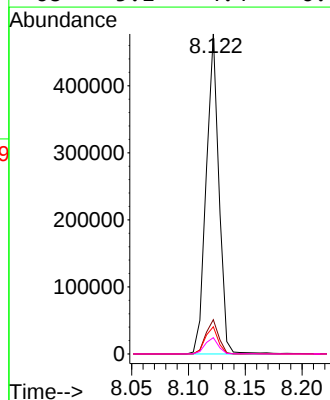
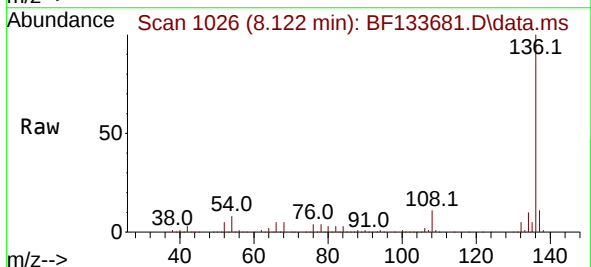
Manual Integrations  
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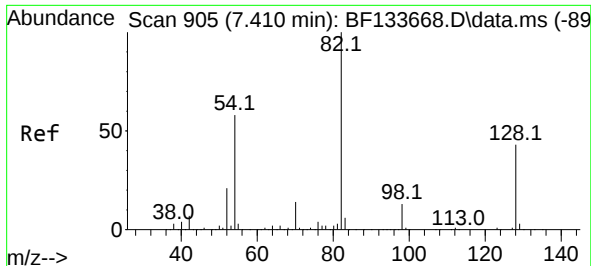
Reviewed By :Yogesh Patel 06/13/2023  
Supervised By :mohammad ahmed 06/13/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56

Tgt Ion:136 Resp: 370376  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 8.5 7.4 11.0  
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 54.484 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133681.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA\_F

ClientSampleId :

WC31

Tgt Ion: 82 Resp: 370490

Ion Ratio Lower Upper

82 100

128 41.3 34.2 51.2

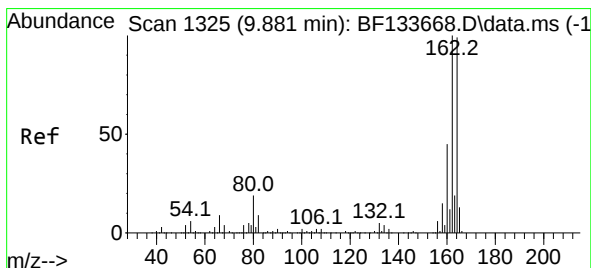
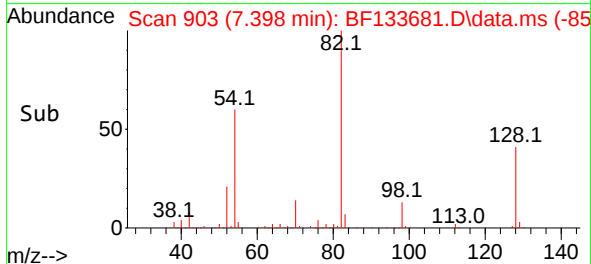
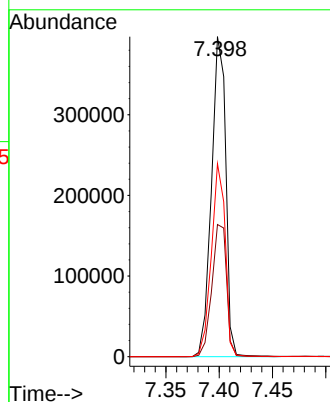
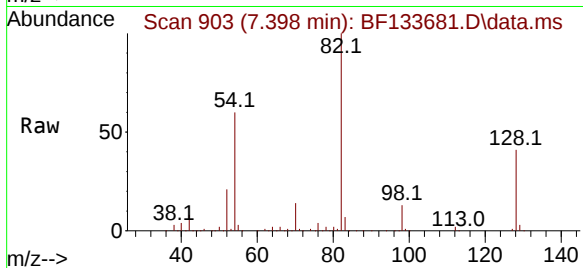
54 60.3 46.5 69.7

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Supervised By :mohammad ahmed 06/13/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133681.D

Acq: 09 Jun 2023 17:56

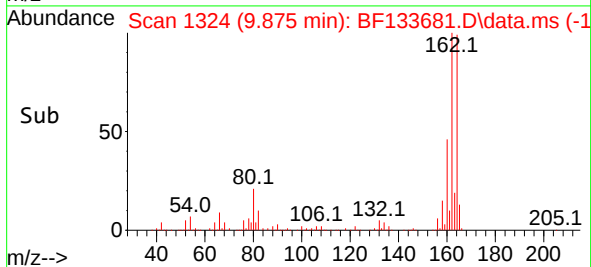
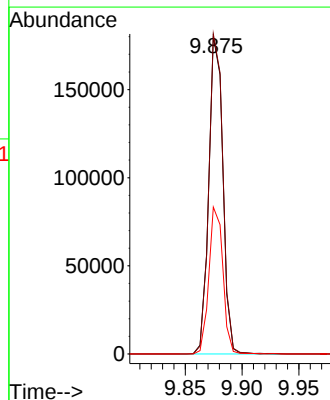
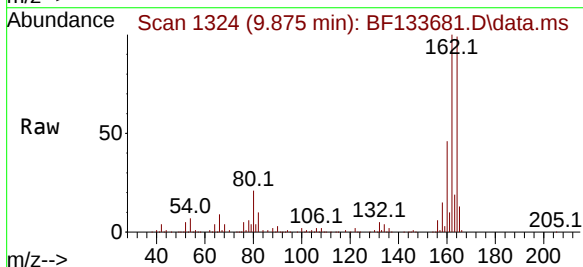
Tgt Ion:164 Resp: 154970

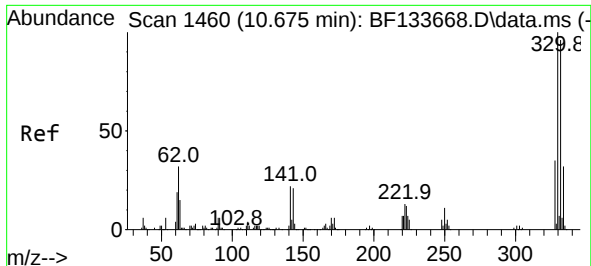
Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

160 46.2 36.7 55.1





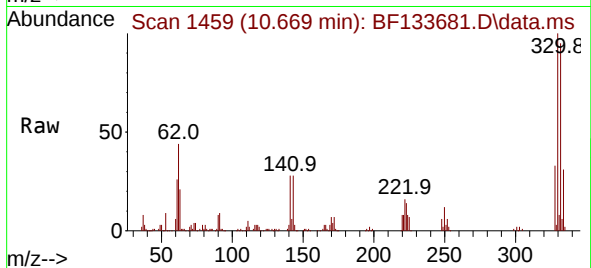
#42  
2,4,6-Tribromophenol  
Concen: 61.764 ng  
RT: 10.669 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56

Instrument :

BNA\_F

ClientSampleId :

WC31



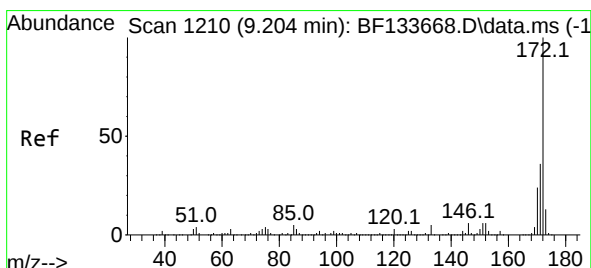
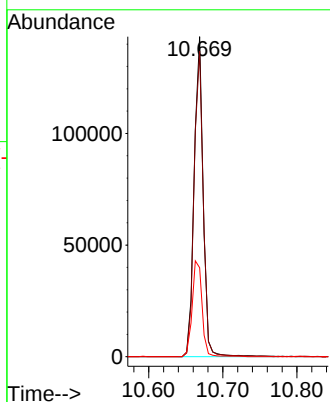
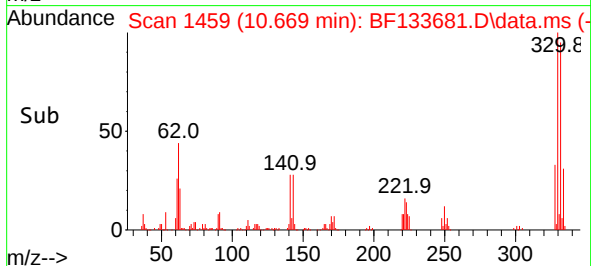
Tgt Ion:330 Resp: 121159  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.2 115.8  
141 33.0 24.9 37.3

Manual Integrations

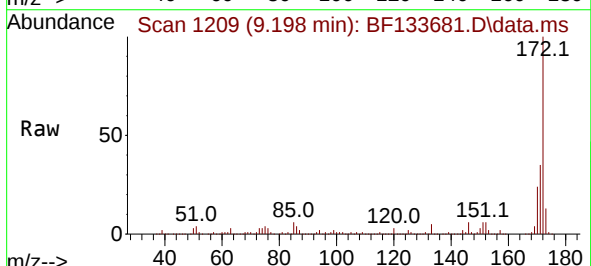
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

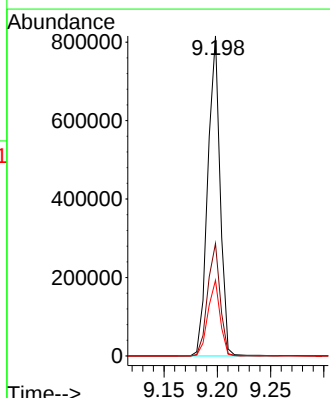
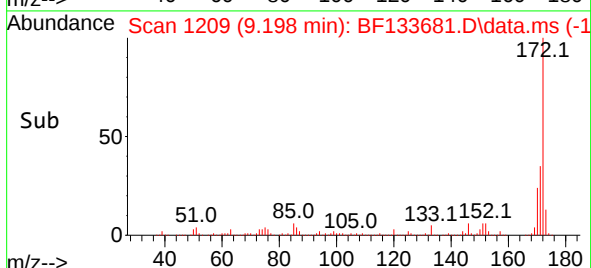
Supervised By :mohammad ahmed 06/13/2023

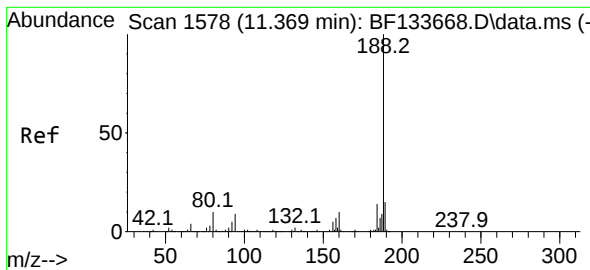


#45  
2-Fluorobiphenyl  
Concen: 60.191 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56



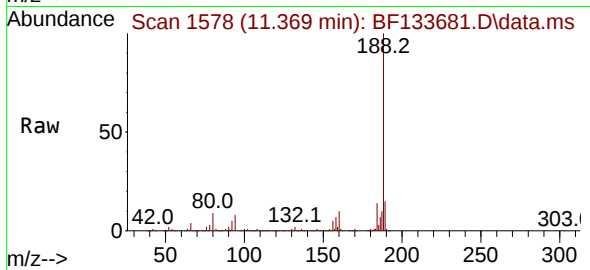
Tgt Ion:172 Resp: 656185  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 43.0  
170 23.7 19.1 28.7





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56

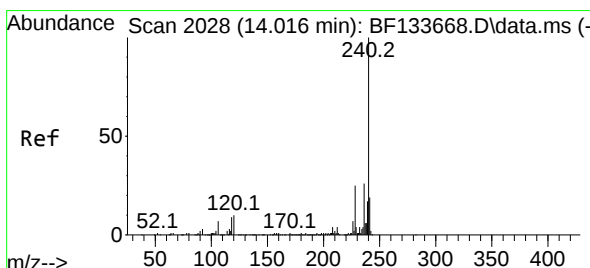
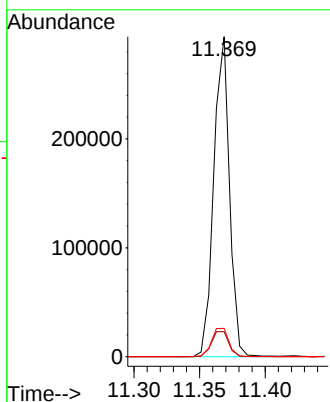
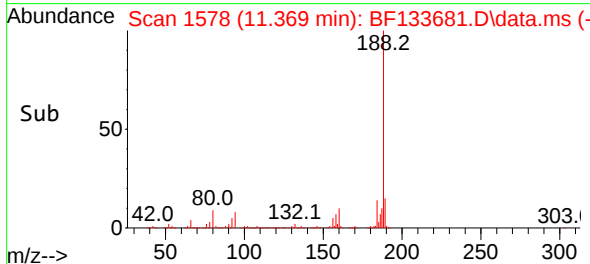
Instrument :  
BNA\_F  
ClientSampleId :  
WC31



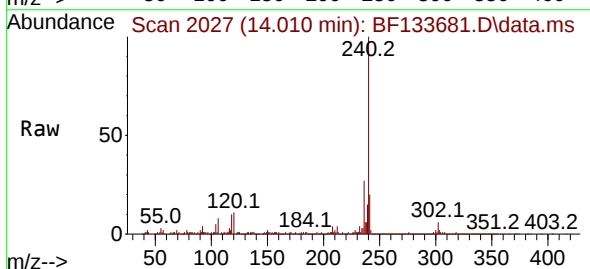
Tgt Ion:188 Resp: 244000  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.8 10.2  
80 8.9 7.8 11.6

Manual Integrations  
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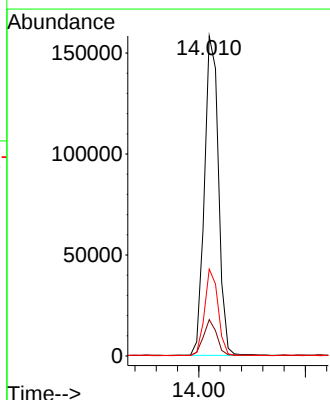
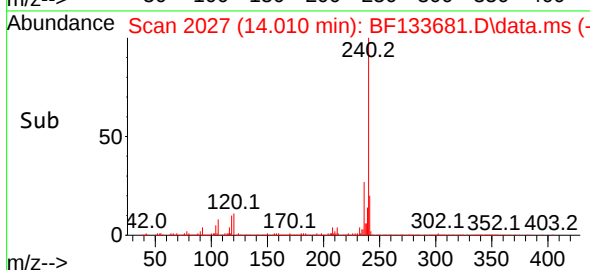
Reviewed By :Yogesh Patel 06/13/2023  
Supervised By :mohammad ahmed 06/13/2023

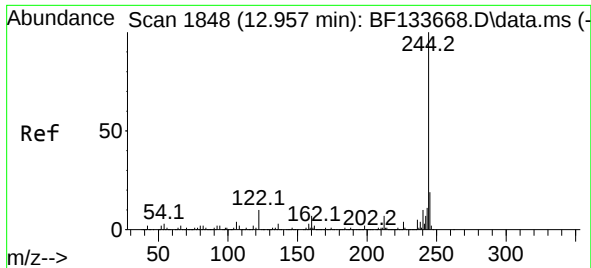


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF133681.D  
Acq: 09 Jun 2023 17:56



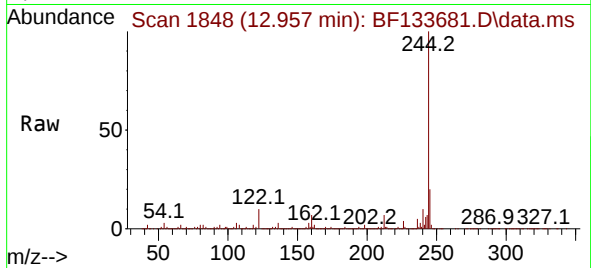
Tgt Ion:240 Resp: 145036  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.1 12.1  
236 27.2 20.5 30.7





#79  
 Terphenyl-d14  
 Concen: 56.396 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. 0.000 min  
 Lab File: BF133681.D  
 Acq: 09 Jun 2023 17:56

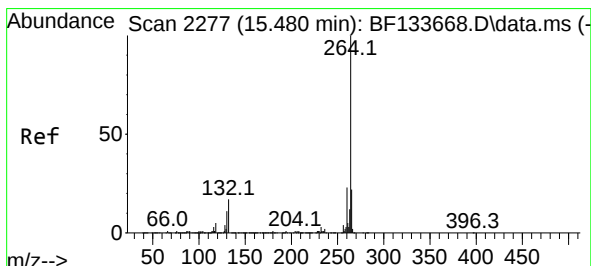
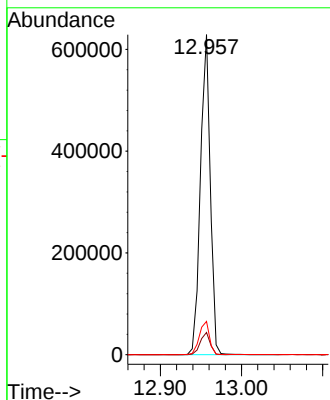
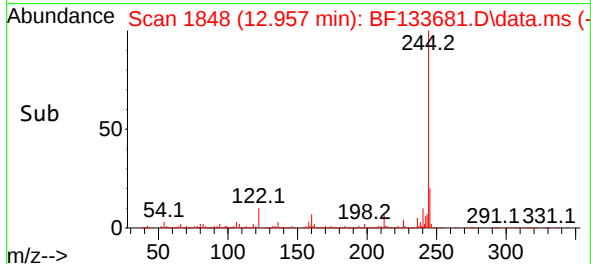
Instrument :  
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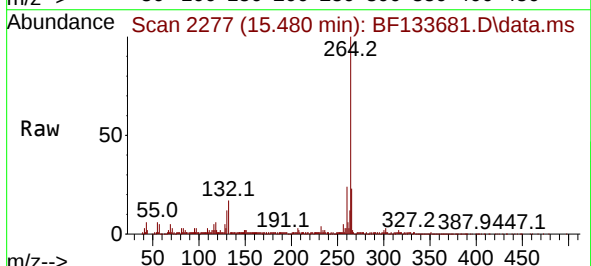
Tgt Ion:244 Resp: 528610  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 10.4 8.1 12.1

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 Supervised By :mohammad ahmed 06/13/2023



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.480 min Scan# 2277  
 Delta R.T. 0.000 min  
 Lab File: BF133681.D  
 Acq: 09 Jun 2023 17:56



Tgt Ion:264 Resp: 113198  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.2 27.2  
 265 23.0 17.8 26.6

