

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
 Data File : BF133020.D  
 Acq On : 25 Apr 2023 03:59  
 Operator : CG\JU  
 Sample : 02470-12  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023  
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:23:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 22 03:30:56 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 203251   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.028  | 136  | 782981   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.781  | 164  | 369874   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.263 | 188  | 586057   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.898 | 240  | 410811   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.327 | 264  | 337674   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 986172   | 73.295 | ng    | 0.00     |
| 7) Phenol-d6                | 6.387  | 99   | 1188818  | 71.185 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 716697   | 49.407 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 227042   | 61.036 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 1297436  | 58.685 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.851 | 244  | 1186871  | 49.827 | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 12.475 | 202  | 92308    | 2.920  | ng    | 96       |
| 78) Pyrene                  | 12.698 | 202  | 87720    | 2.491  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 14.916 | 252  | 55794m   | 2.597  | ng    |          |
| -----                       |        |      |          |        |       |          |

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

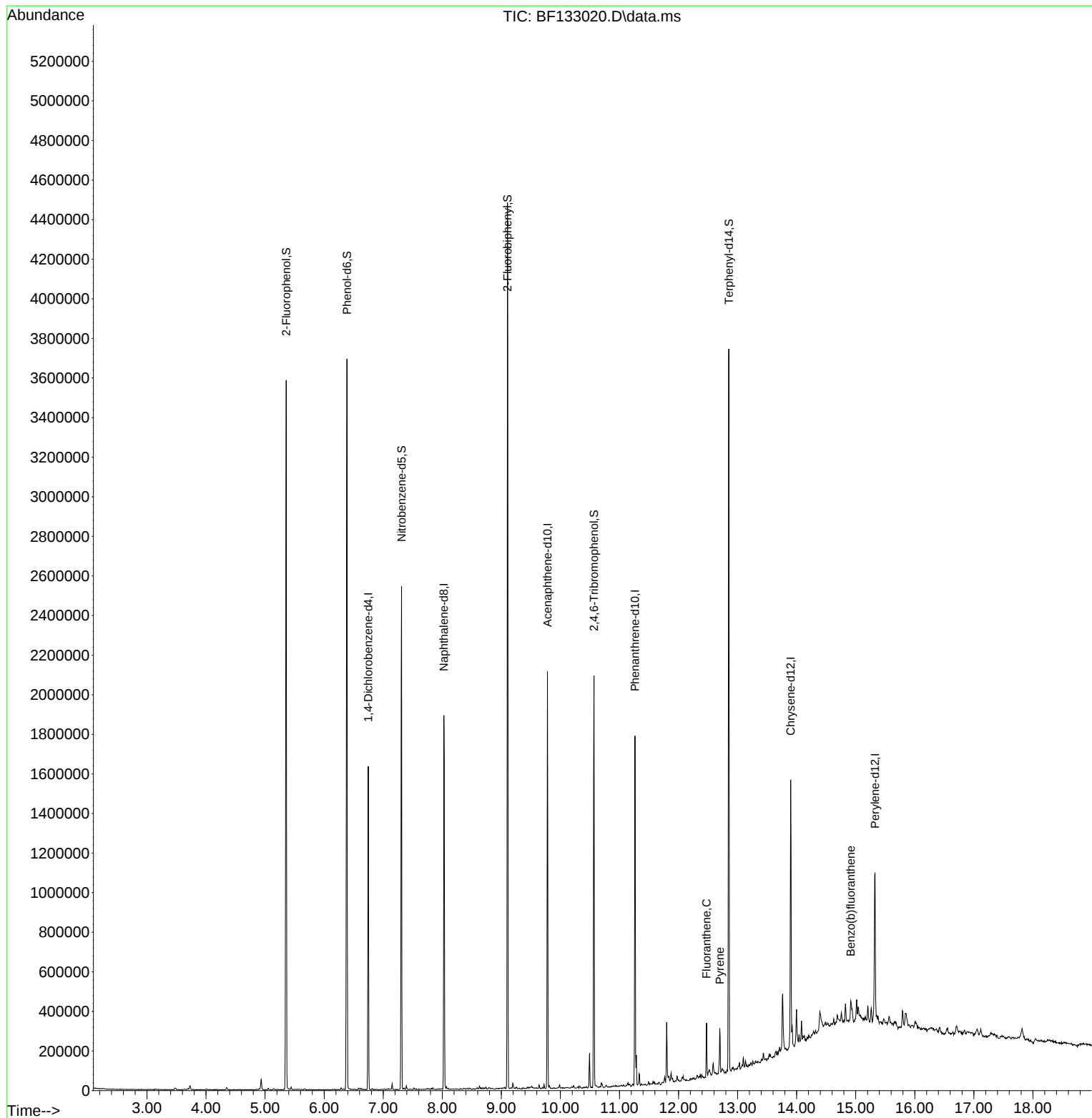
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
Data File : BF133020.D  
Acq On : 25 Apr 2023 03:59  
Operator : CG\JU  
Sample : 02470-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

Quant Time: Apr 25 05:23:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Apr 22 03:30:56 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

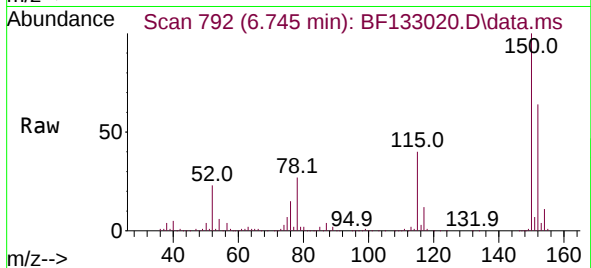
Reviewed By : Christian Giraldo 04/25/2023  
Supervised By : Jagrut Upadhyay 04/25/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.745 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

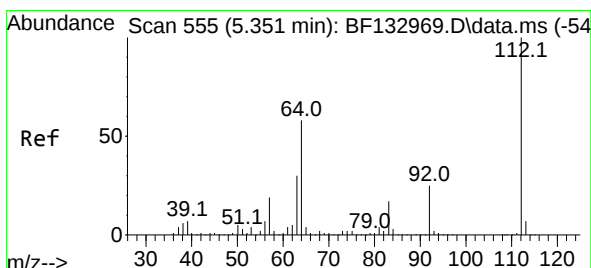
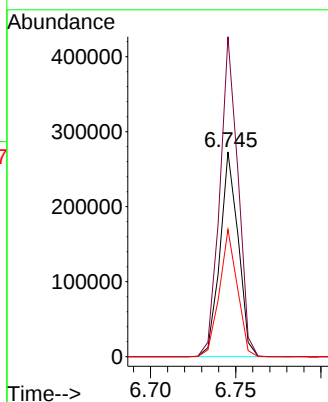
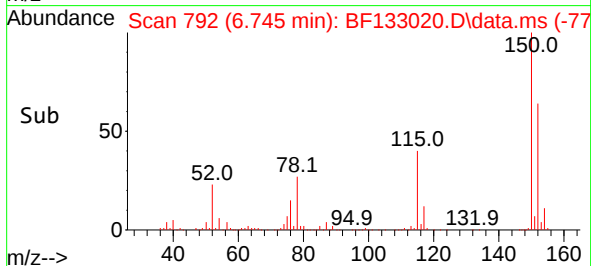
Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP



Tgt Ion:152 Resp: 20325  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.8 187.2  
115 62.1 49.9 74.9

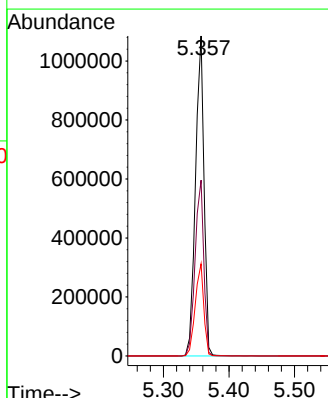
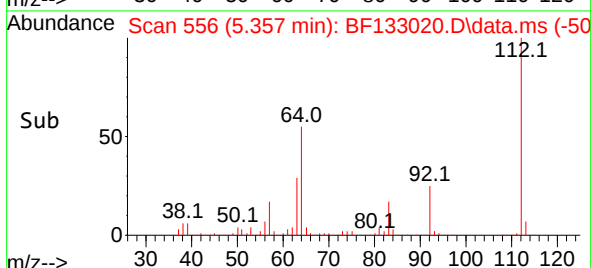
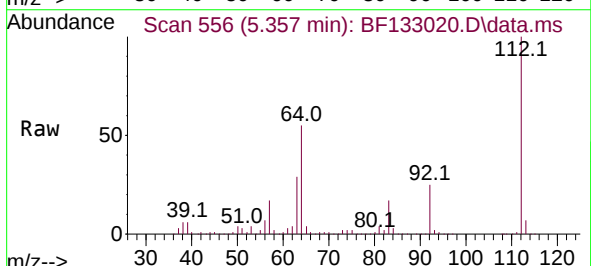
Manual Integrations  
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Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023



#5  
2-Fluorophenol  
Concen: 73.295 ng  
RT: 5.357 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

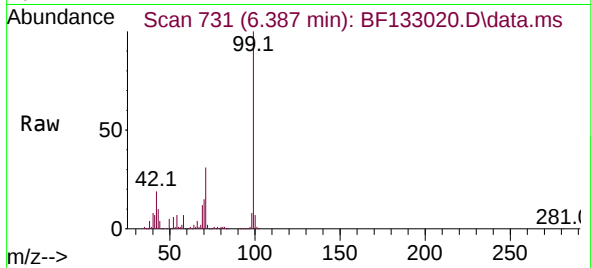
Tgt Ion:112 Resp: 986172  
Ion Ratio Lower Upper  
112 100  
64 55.0 46.8 70.2  
63 28.8 23.8 35.8





#7  
Phenol-d6  
Concen: 71.185 ng  
RT: 6.387 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

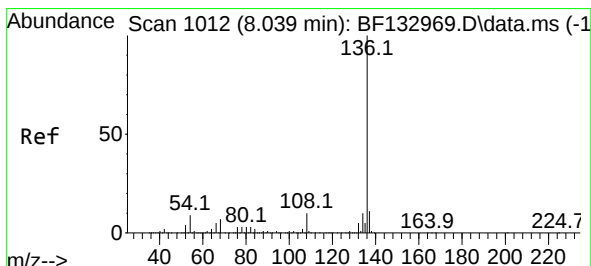
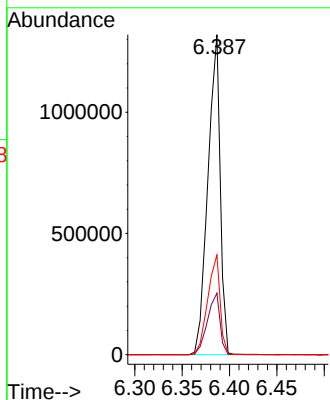
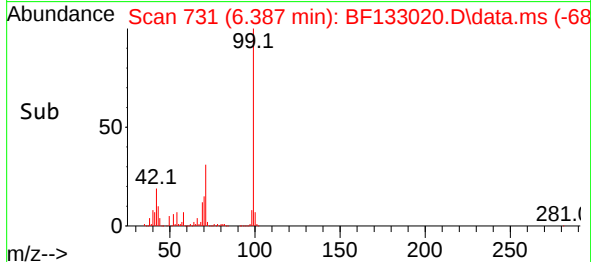
Instrument :  
BNA\_F  
ClientSampleId :  
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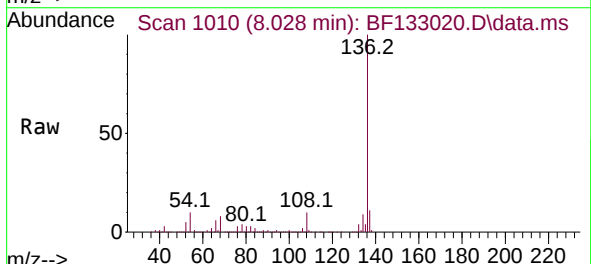
Tgt Ion: 99 Resp: 1188818  
Ion Ratio Lower Upper  
99 100  
42 19.2 16.3 24.5  
71 31.2 25.6 38.4

Manual Integrations  
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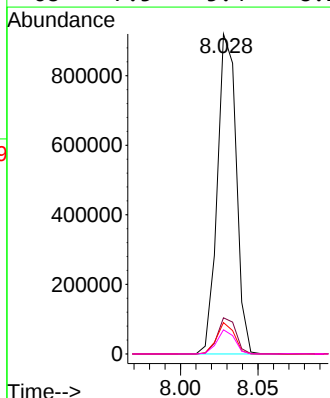
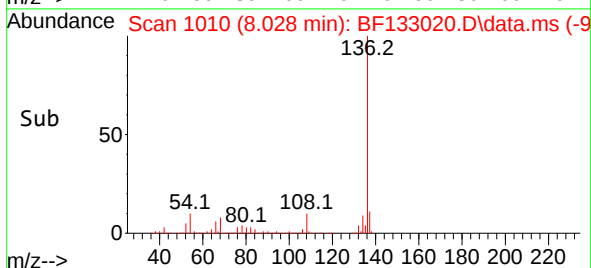
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023

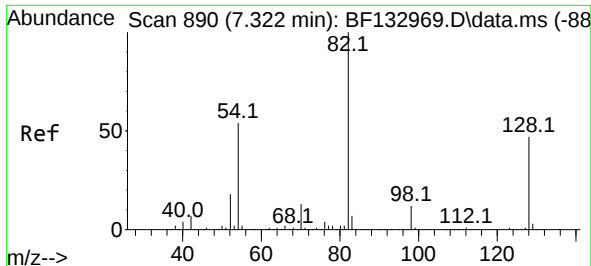


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59



Tgt Ion:136 Resp: 782981  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 9.8 7.0 10.4  
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 49.407 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

Instrument :

BNA\_F

ClientSampleId :

SB-10-COMP

Tgt Ion: 82 Resp: 71669

Ion Ratio Lower Upper

82 100

128 49.2 37.7 56.5

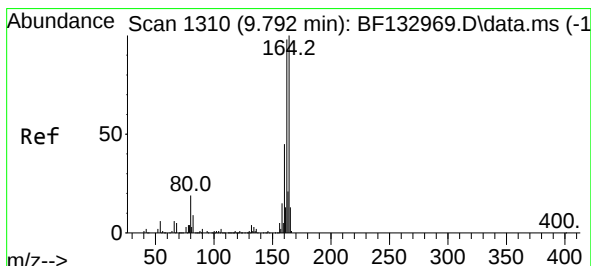
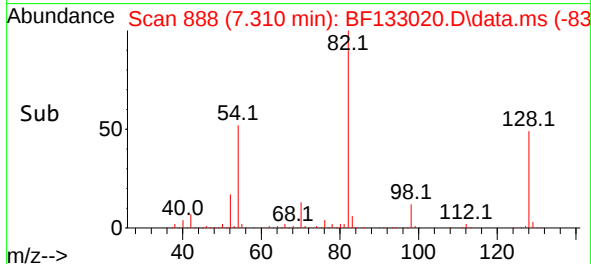
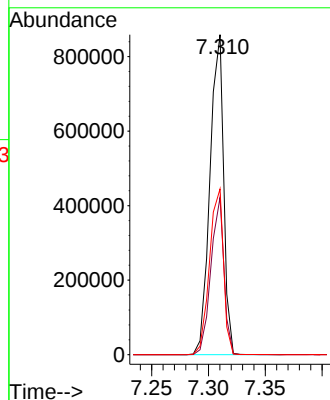
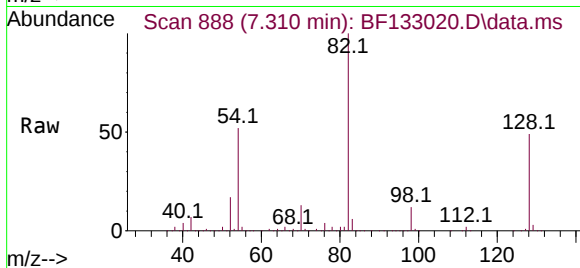
54 51.8 43.0 64.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/25/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF133020.D

Acq: 25 Apr 2023 03:59

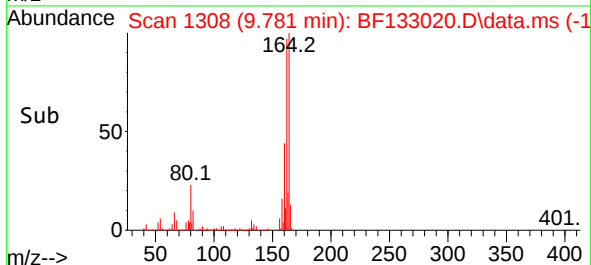
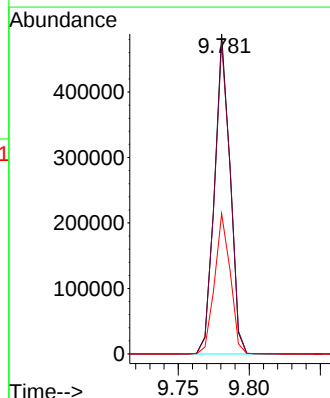
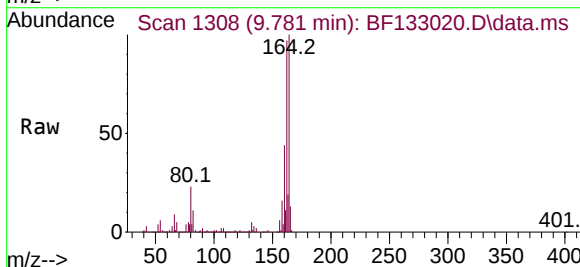
Tgt Ion:164 Resp: 369874

Ion Ratio Lower Upper

164 100

162 97.5 78.7 118.1

160 43.9 35.8 53.6





#42  
2,4,6-Tribromophenol  
Concen: 61.036 ng  
RT: 10.569 min Scan# 1444  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Instrument :

BNA\_F

ClientSampleId :

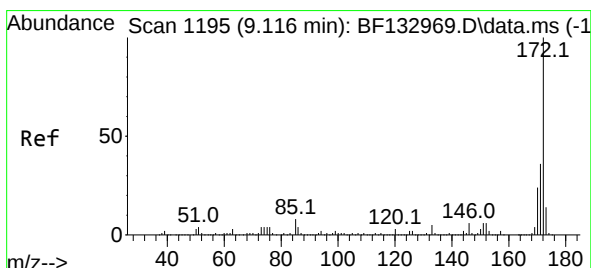
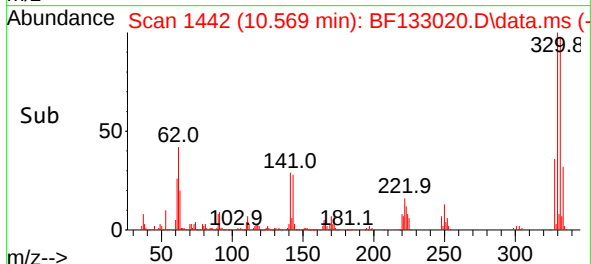
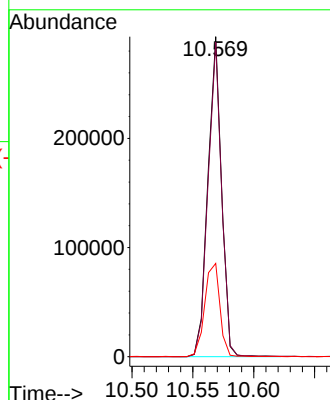
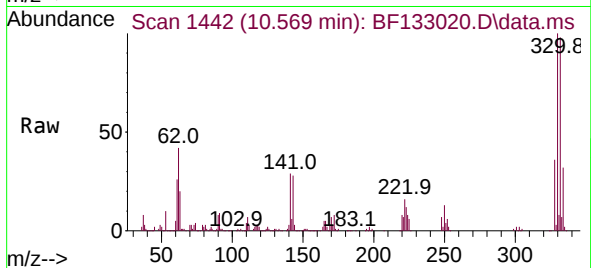
SB-10-COMP

Tgt Ion:330 Resp: 22704  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 32.7 25.8 38.8

Manual Integrations

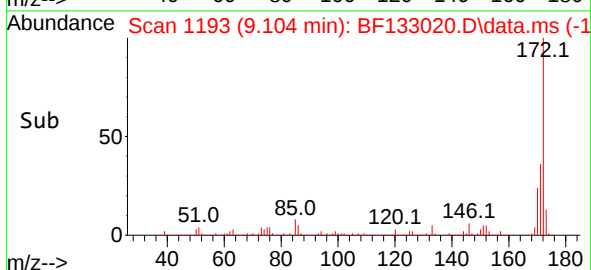
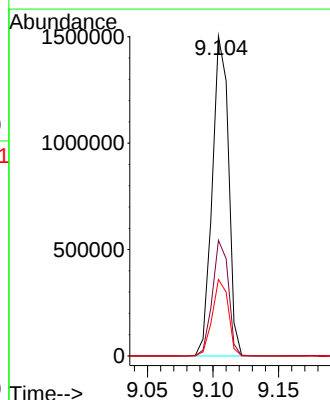
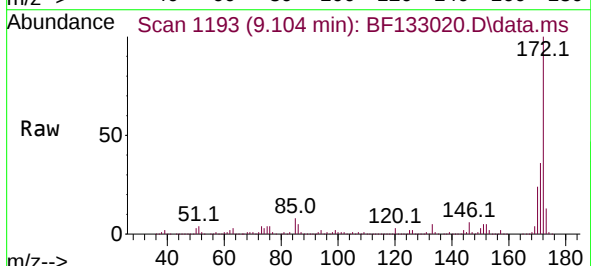
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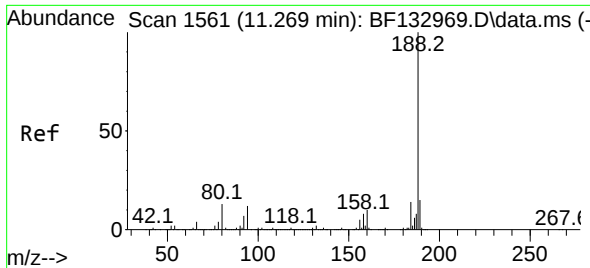
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023



#45  
2-Fluorobiphenyl  
Concen: 58.685 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Tgt Ion:172 Resp: 1297436  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.8 43.2  
170 23.9 19.4 29.2





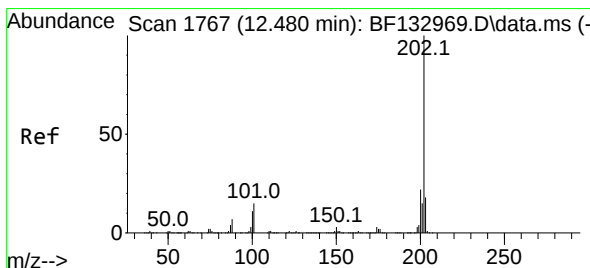
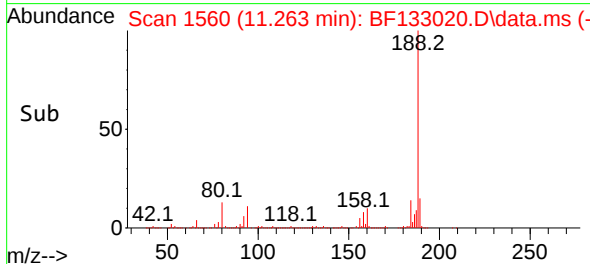
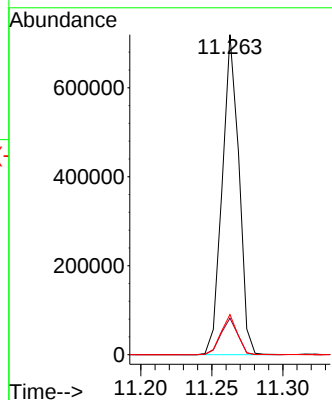
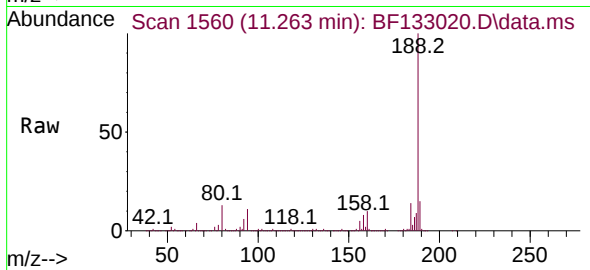
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.263 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

Tgt Ion:188 Resp: 58605  
Ion Ratio Lower Upper  
188 100  
94 11.4 9.7 14.5  
80 12.5 10.4 15.6

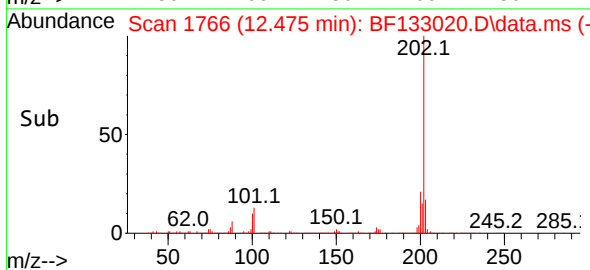
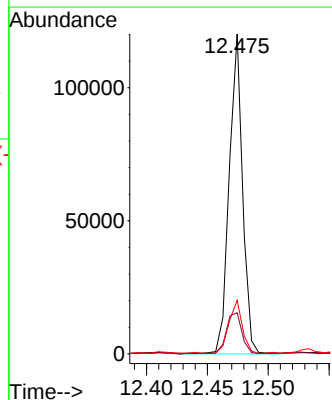
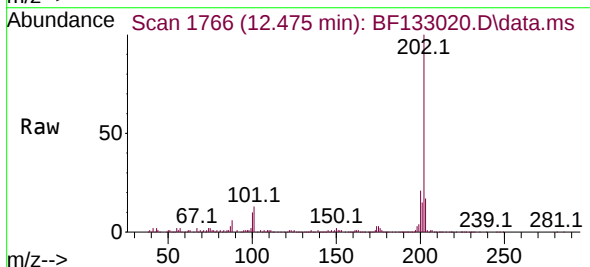
Manual Integrations  
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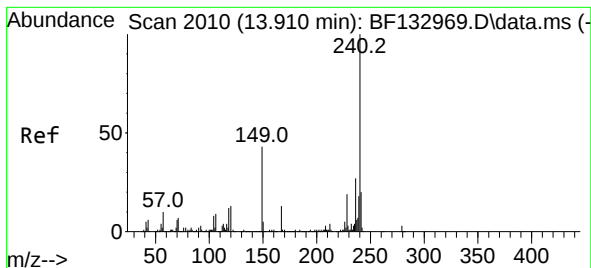
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023



#75  
Fluoranthene  
Concen: 2.920 ng  
RT: 12.475 min Scan# 1766  
Delta R.T. -0.006 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Tgt Ion:202 Resp: 92308  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 35.3  
203 16.7 0.0 38.1





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.898 min Scan# 2010  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Instrument :

BNA\_F

ClientSampleId :

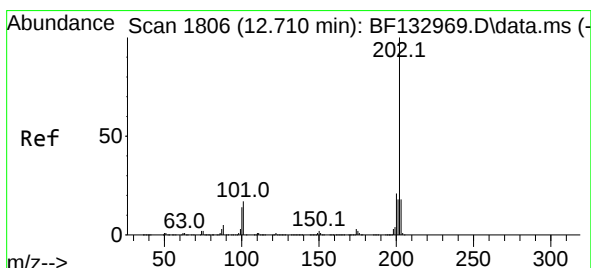
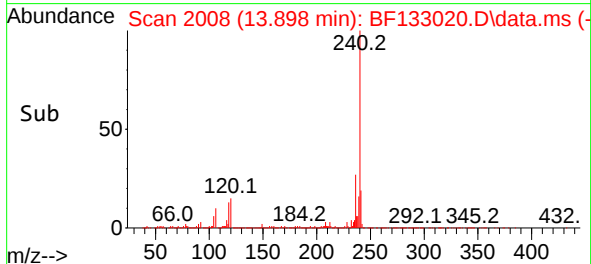
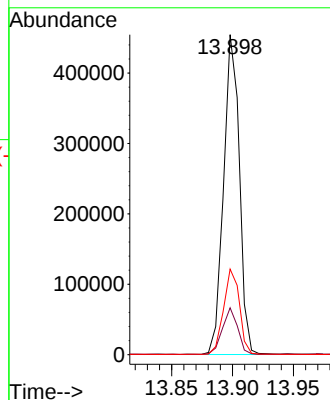
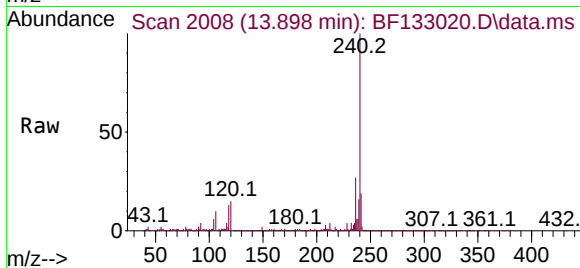
SB-10-COMP

Tgt Ion:240 Resp: 41081  
Ion Ratio Lower Upper  
240 100  
120 14.7 10.5 15.7  
236 26.7 21.5 32.3

Manual Integrations

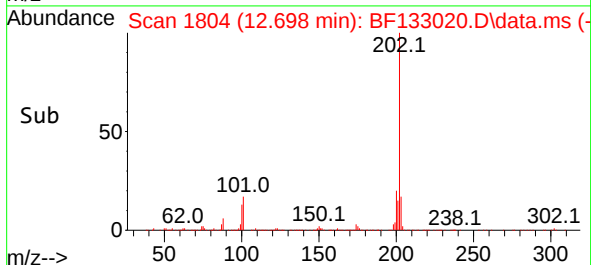
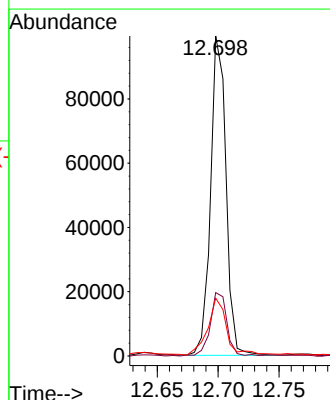
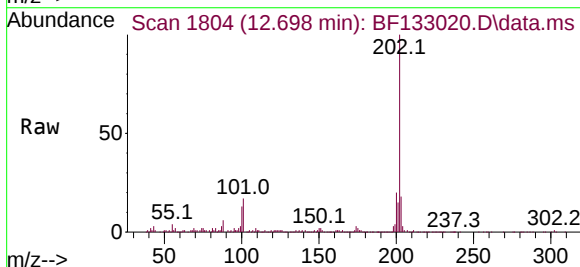
APPROVED

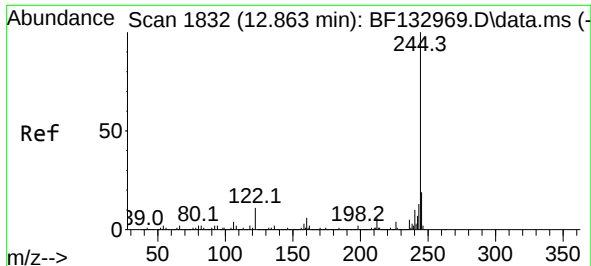
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023



#78  
Pyrene  
Concen: 2.491 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Tgt Ion:202 Resp: 87720  
Ion Ratio Lower Upper  
202 100  
200 19.8 17.1 25.7  
203 18.1 14.1 21.1





#79  
Terphenyl-d14  
Concen: 49.827 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Instrument :

BNA\_F

ClientSampleId :

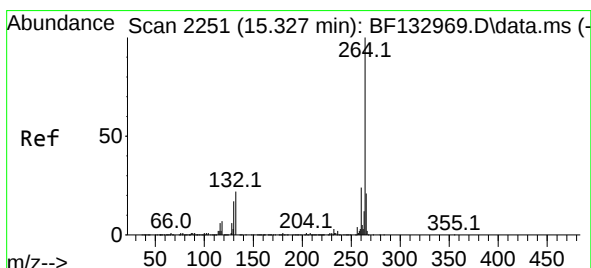
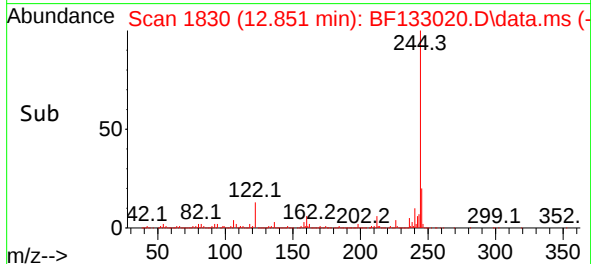
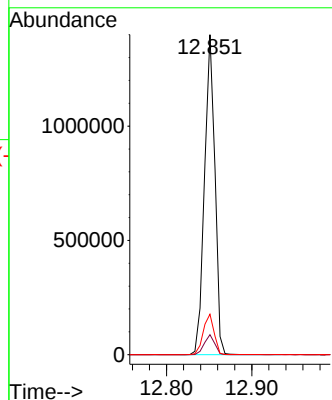
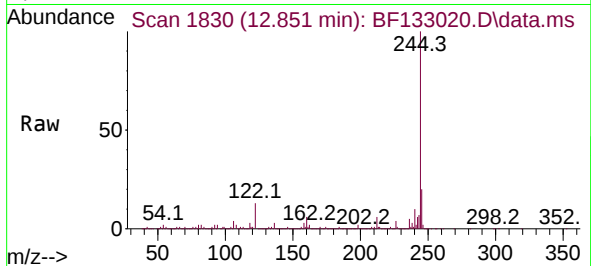
SB-10-COMP

Tgt Ion:244 Resp: 118687  
Ion Ratio Lower Upper  
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212 6.2 5.1 7.7  
122 12.7 8.6 13.0

Manual Integrations

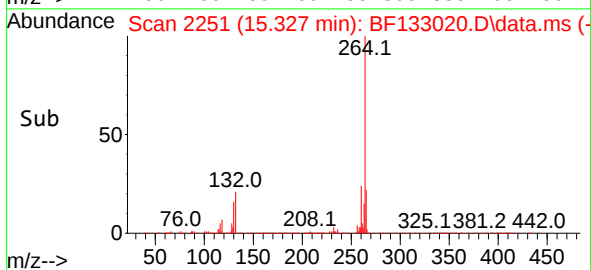
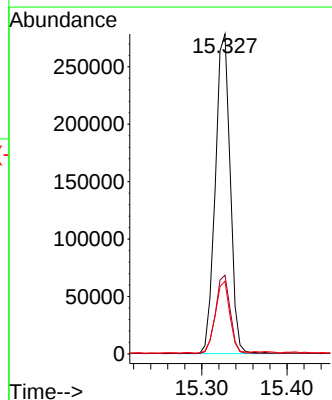
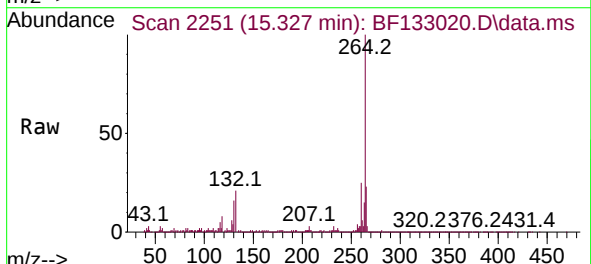
APPROVED

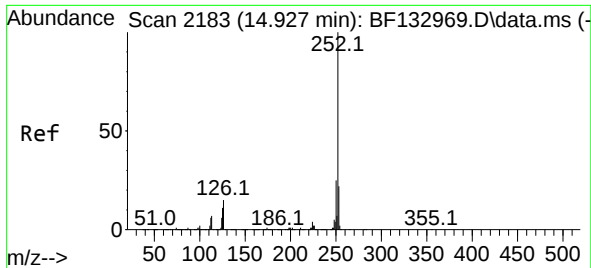
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.327 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

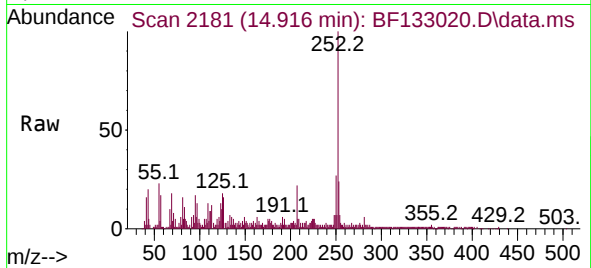
Tgt Ion:264 Resp: 337674  
Ion Ratio Lower Upper  
264 100  
260 24.6 18.8 28.2  
265 22.8 17.0 25.4





#88  
Benzo(b)fluoranthene  
Concen: 2.597 ng m  
RT: 14.916 min Scan# 2181  
Delta R.T. -0.012 min  
Lab File: BF133020.D  
Acq: 25 Apr 2023 03:59

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP



Tgt Ion:252 Resp: 55794  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.6 26.4  
125 17.7 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/25/2023

