

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
 Data File : BF130439.D  
 Acq On : 27 Sep 2022 23:12  
 Operator : CG\JU  
 Sample : N4826-01 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-03-092622

Quant Time: Sep 28 03:03:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 09/28/2022  
 Supervised By :Jagrut Upadhyay 09/28/2022

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.645  | 152  | 90149    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.928  | 136  | 311829   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.675  | 164  | 147030   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.157 | 188  | 258687   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.786 | 240  | 225173   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.180 | 264  | 158827   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.240  | 112  | 104146   | 20.038 | ng    | 0.00     |
| 7) Phenol-d6                | 6.281  | 99   | 116542   | 17.920 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.204  | 82   | 69817    | 11.438 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.463 | 330  | 29787    | 21.143 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.004  | 172  | 121343   | 12.018 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.739 | 244  | 134059   | 9.862  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 12.363 | 202  | 41055    | 2.925  | ng    | 97       |
| 78) Pyrene                  | 12.592 | 202  | 49274    | 2.501  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 14.792 | 252  | 24491m   | 2.362  | ng    |          |
| -----                       |        |      |          |        |       |          |

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

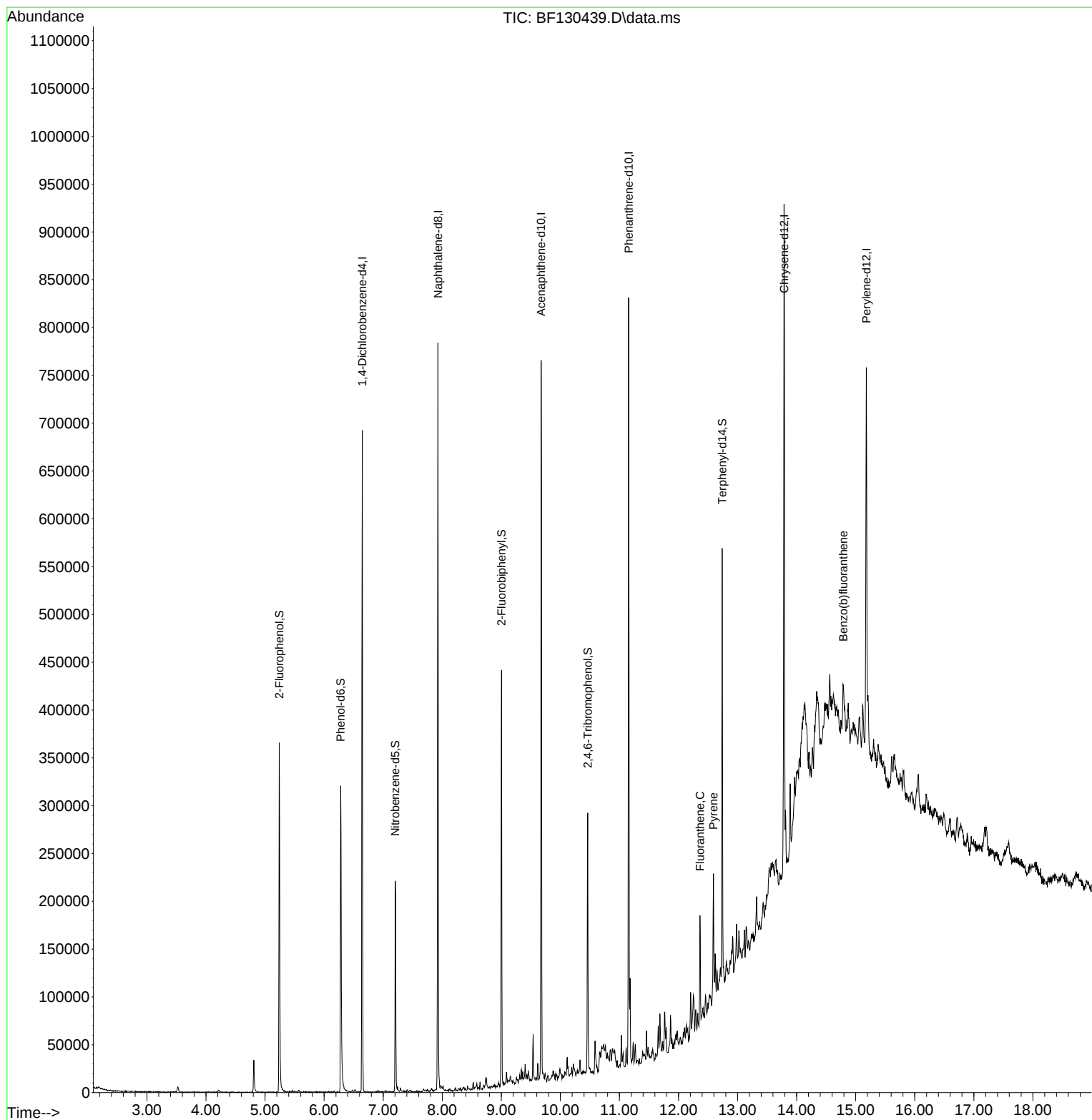
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
Data File : BF130439.D  
Acq On : 27 Sep 2022 23:12  
Operator : CG\JU  
Sample : N4826-01 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622

Quant Time: Sep 28 03:03:12 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 28 02:59:31 2022  
Response via : Initial Calibration

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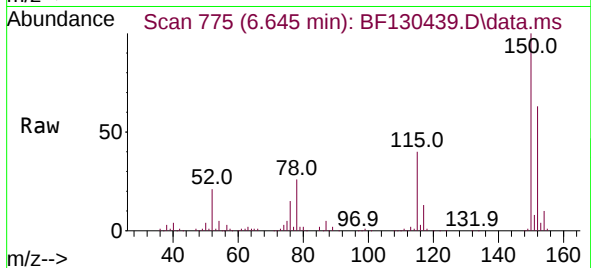
Reviewed By : Christian Giraldo 09/28/2022  
Supervised By : Jagrut Upadhyay 09/28/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.645 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

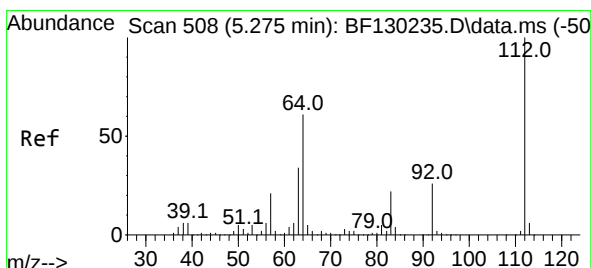
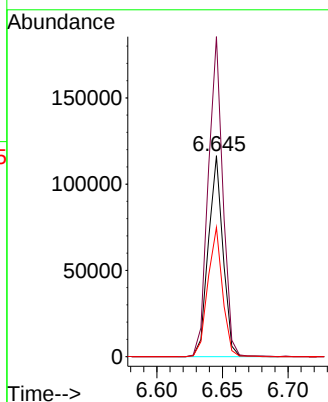
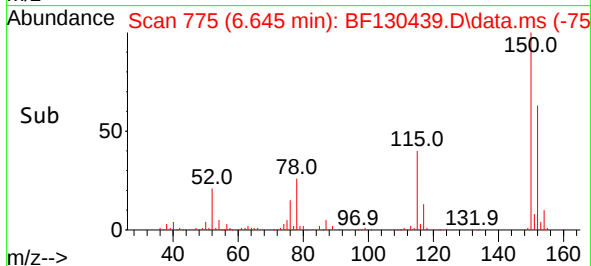
Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622



Tgt Ion:152 Resp: 90149  
Ion Ratio Lower Upper  
152 100  
150 159.2 122.8 184.2  
115 64.3 53.8 80.8

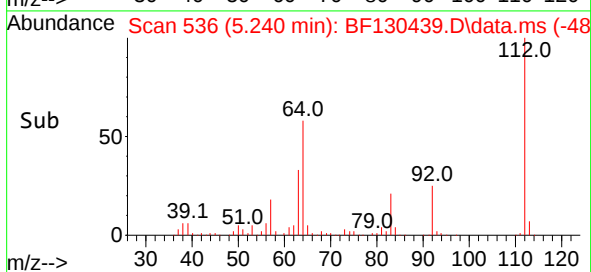
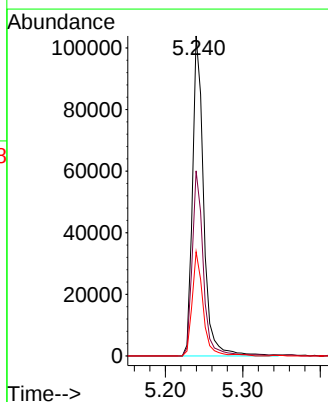
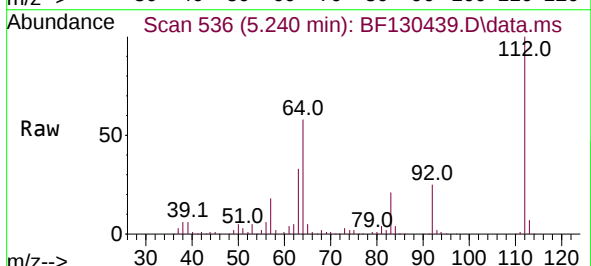
Manual Integrations  
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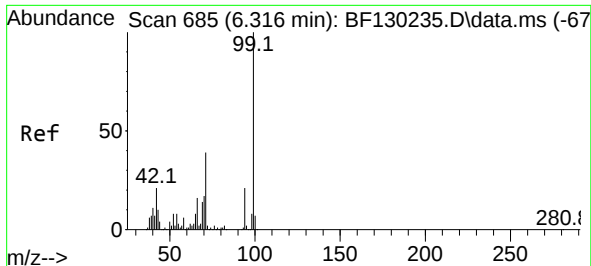
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#5  
2-Fluorophenol  
Concen: 20.038 ng  
RT: 5.240 min Scan# 536  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

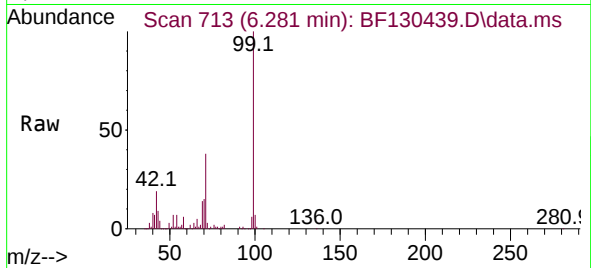
Tgt Ion:112 Resp: 104146  
Ion Ratio Lower Upper  
112 100  
64 57.8 51.4 77.0  
63 32.5 28.8 43.2





#7  
Phenol-d6  
Concen: 17.920 ng  
RT: 6.281 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

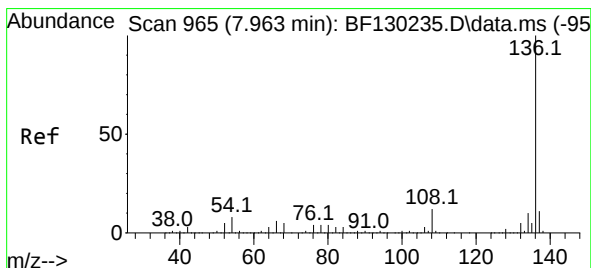
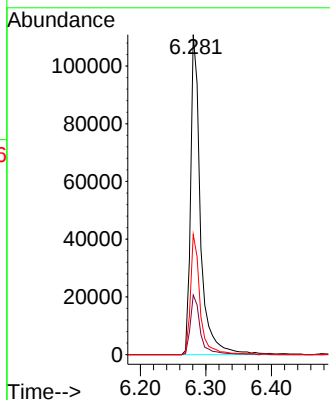
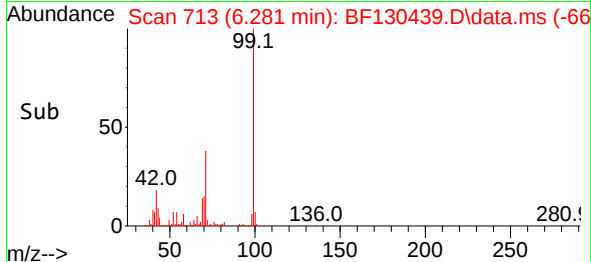
Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622



Tgt Ion: 99 Resp: 116542  
Ion Ratio Lower Upper  
99 100  
42 18.6 17.0 25.6  
71 37.5 32.3 48.5

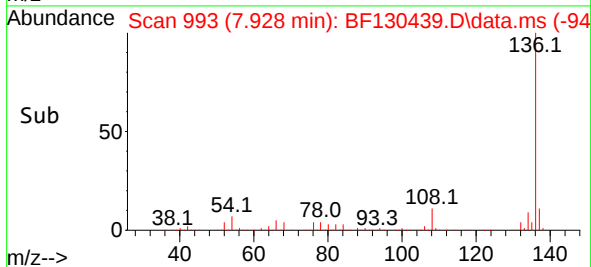
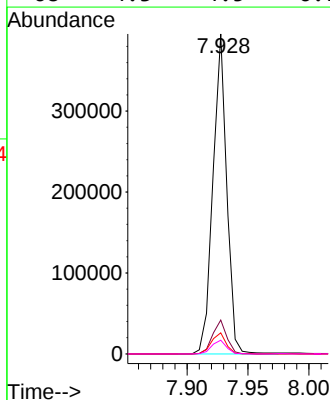
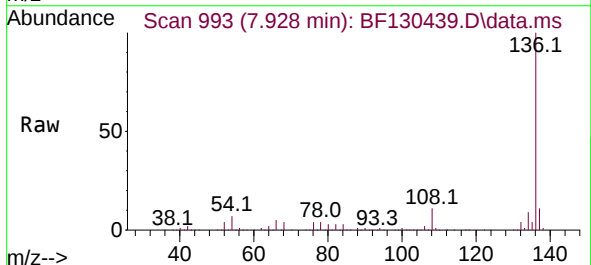
Manual Integrations  
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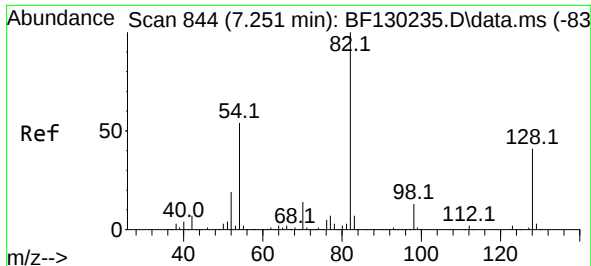
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

Tgt Ion:136 Resp: 311829  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.1 13.7  
54 6.6 7.1 10.7#  
68 4.3 4.5 6.7#





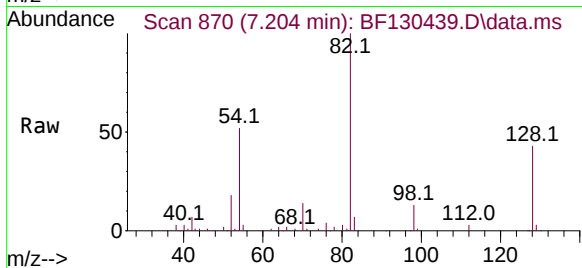
#23  
Nitrobenzene-d5  
Concen: 11.438 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

Instrument :

BNA\_F

ClientSampleId :

OK-03-092622

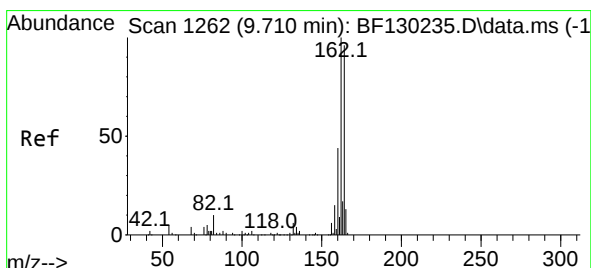
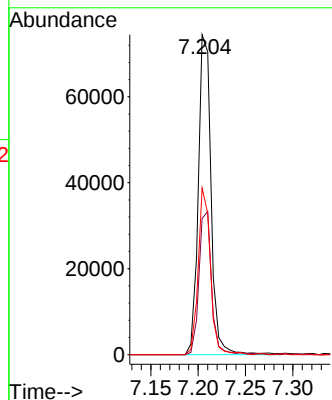
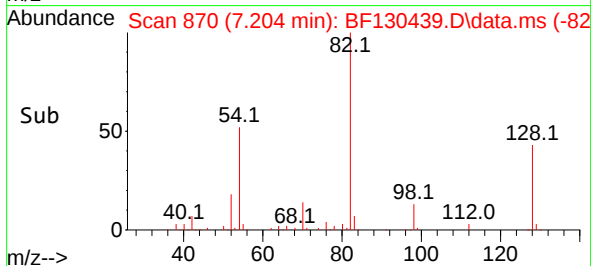


Tgt Ion: 82 Resp: 69817  
Ion Ratio Lower Upper  
82 100  
128 42.6 32.6 49.0  
54 52.0 43.8 65.6

Manual Integrations

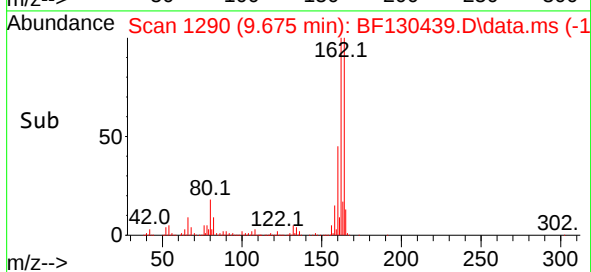
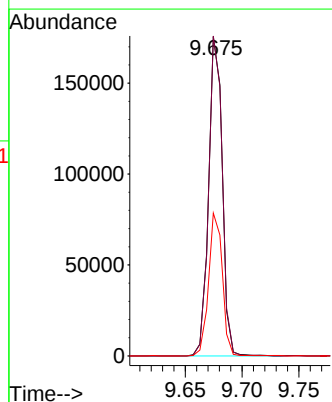
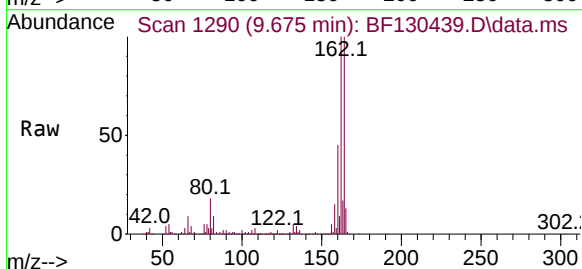
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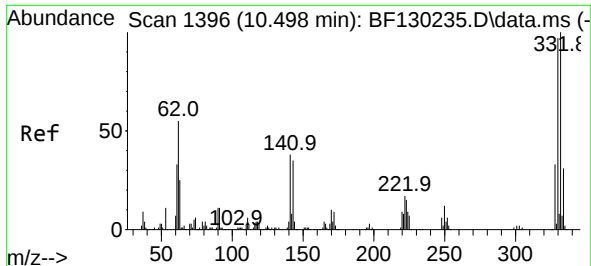
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

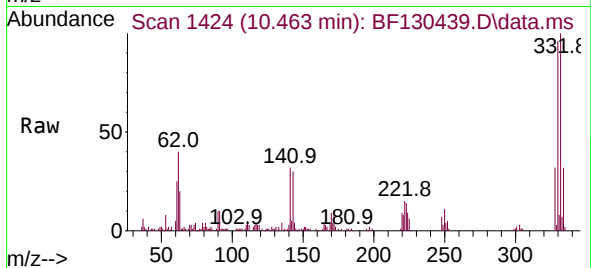
Tgt Ion:164 Resp: 147030  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.4 122.0  
160 44.8 36.2 54.4





#42  
2,4,6-Tribromophenol  
Concen: 21.143 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

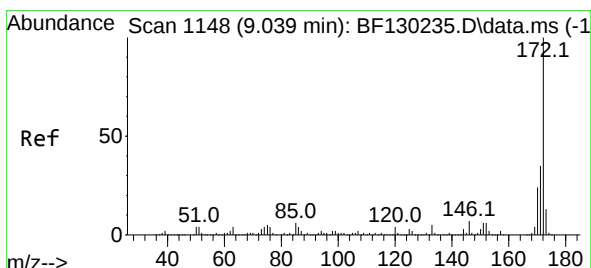
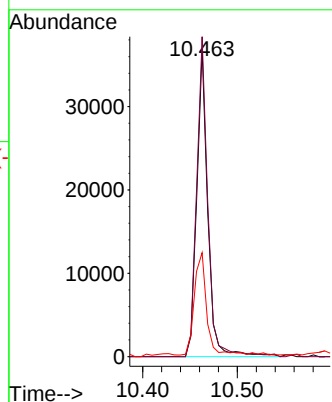
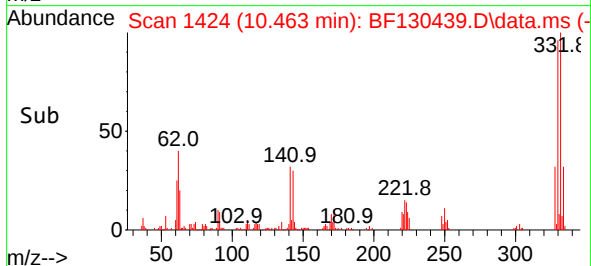
Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622



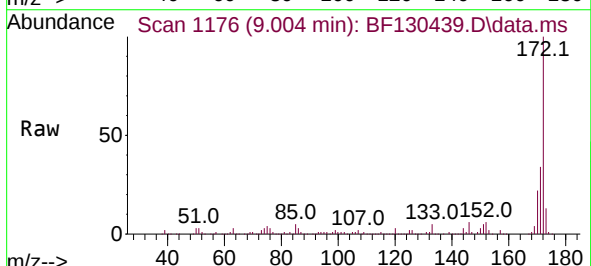
Tgt Ion: 330 Resp: 2978  
Ion Ratio Lower Upper  
330 100  
332 105.5 83.4 125.2  
141 37.2 34.0 51.0

Manual Integrations  
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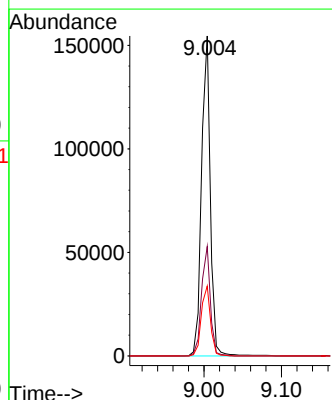
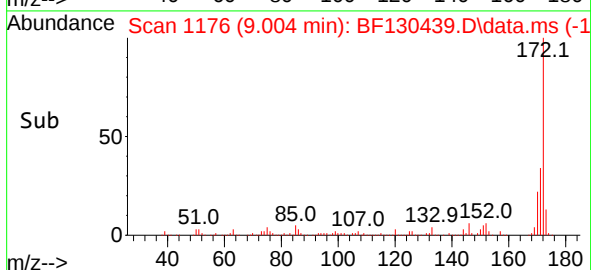
Reviewed By : Christian Giraldo 09/28/2022  
Supervised By : Jagrut Upadhyay 09/28/2022

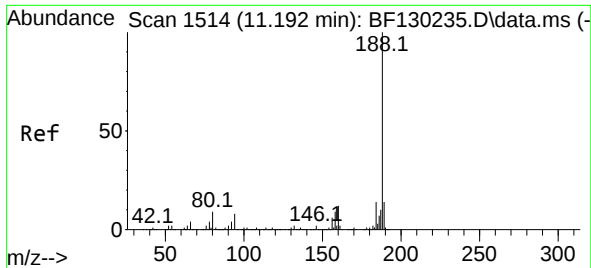


#45  
2-Fluorobiphenyl  
Concen: 12.018 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12



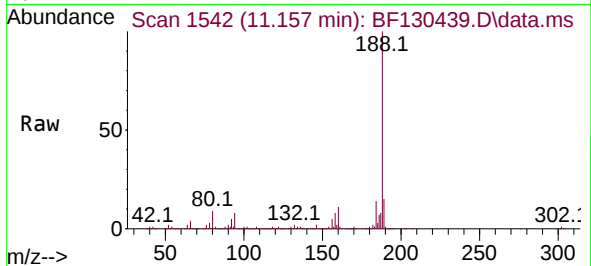
Tgt Ion: 172 Resp: 121343  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.3 42.5  
170 21.8 18.7 28.1





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.157 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

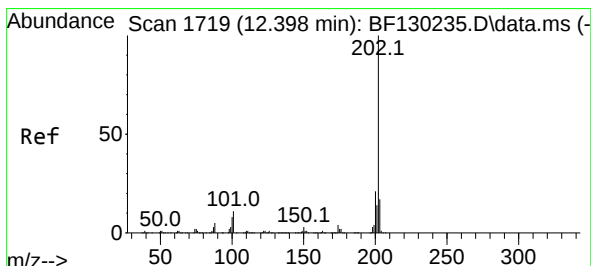
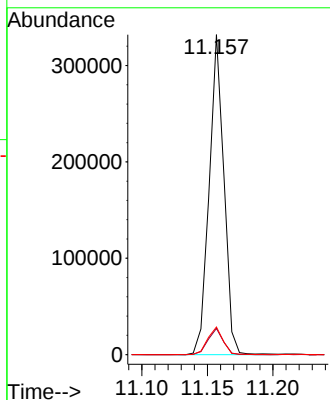
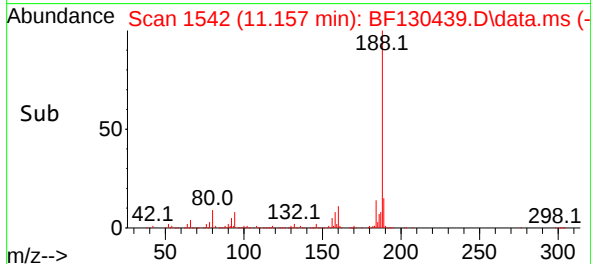
Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622



Tgt Ion:188 Resp: 25868  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.4 11.2  
80 8.6 7.9 11.9

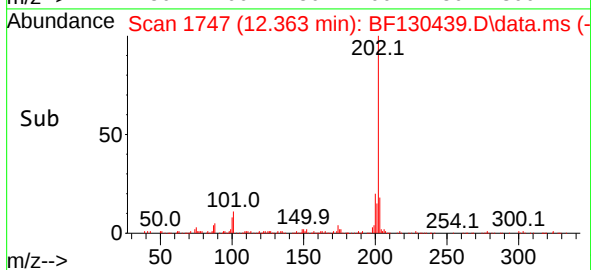
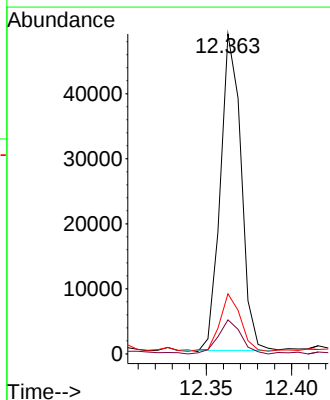
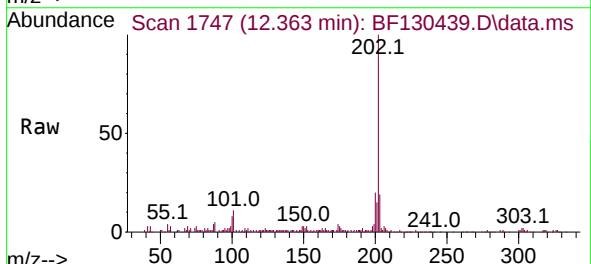
Manual Integrations  
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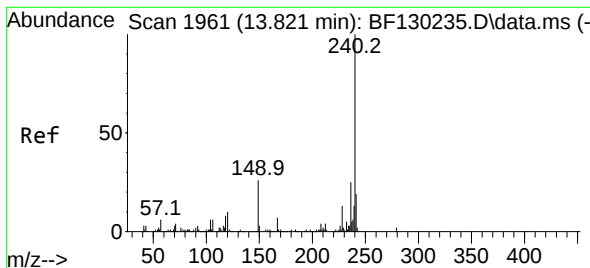
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#75  
Fluoranthene  
Concen: 2.925 ng  
RT: 12.363 min Scan# 1747  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

Tgt Ion:202 Resp: 41055  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.8  
203 18.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130439.D

Acq: 27 Sep 2022 23:12

Instrument :

BNA\_F

ClientSampleId :

OK-03-092622

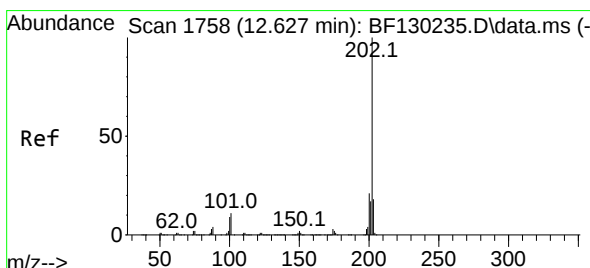
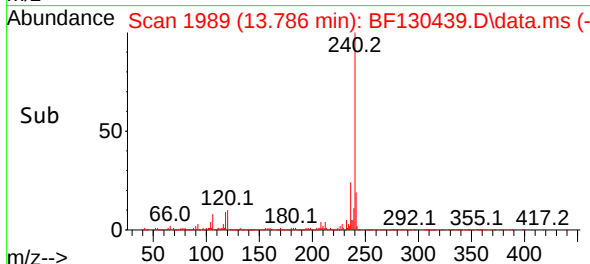
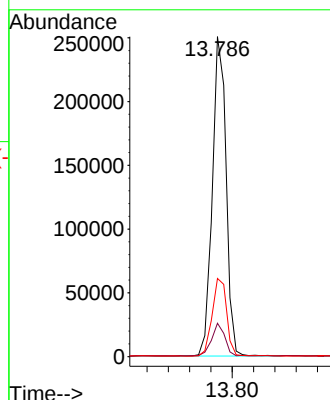
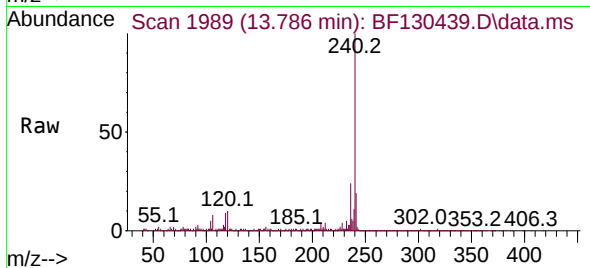
Tgt Ion:240 Resp: 225173  
 Ion Ratio Lower Upper  
 240 100  
 120 10.4 8.7 13.1  
 236 24.4 20.9 31.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#78

Pyrene

Concen: 2.501 ng

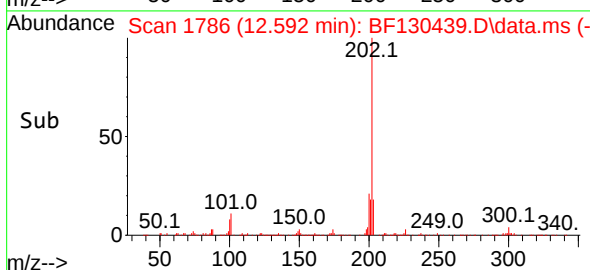
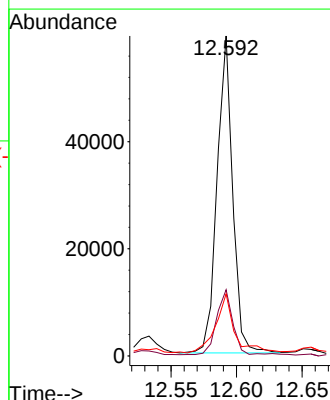
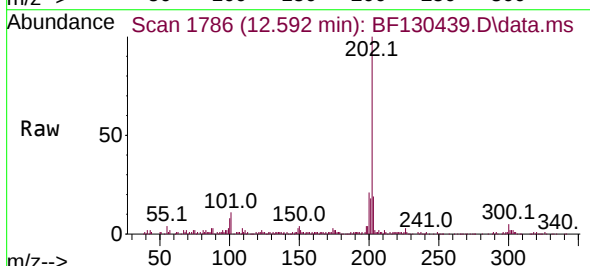
RT: 12.592 min Scan# 1786

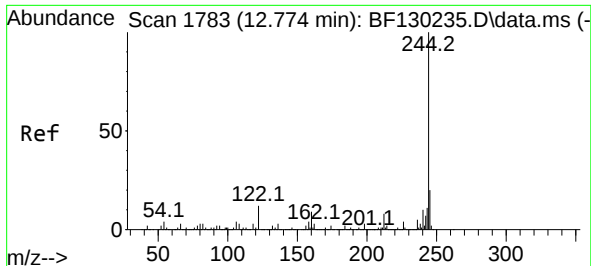
Delta R.T. -0.000 min

Lab File: BF130439.D

Acq: 27 Sep 2022 23:12

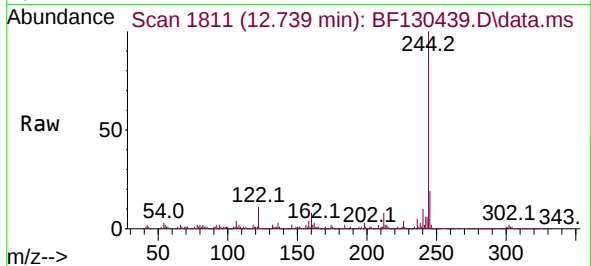
Tgt Ion:202 Resp: 49274  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 17.2 25.8  
 203 19.4 14.3 21.5





#79  
Terphenyl-d14  
Concen: 9.862 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

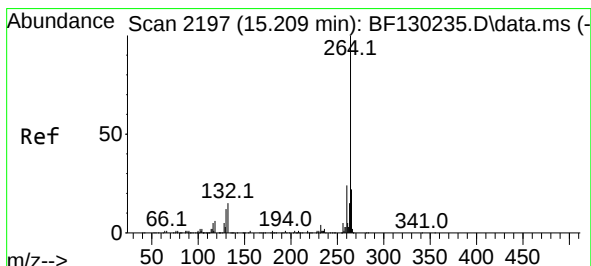
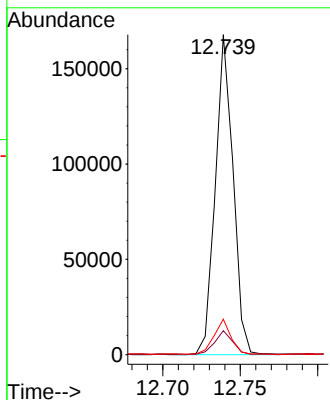
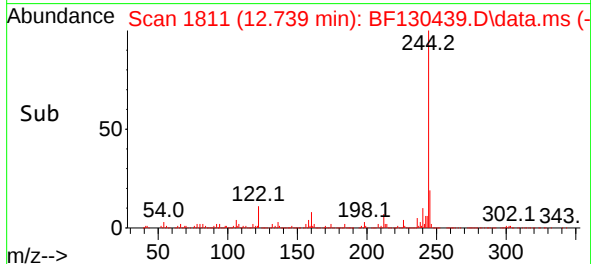
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:244 Resp: 134059  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 11.1 8.5 12.7

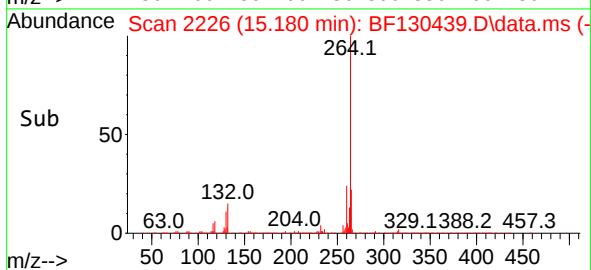
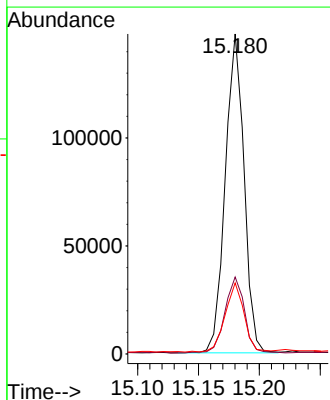
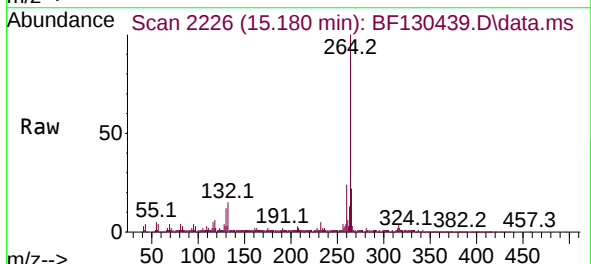
Manual Integrations  
APPROVED

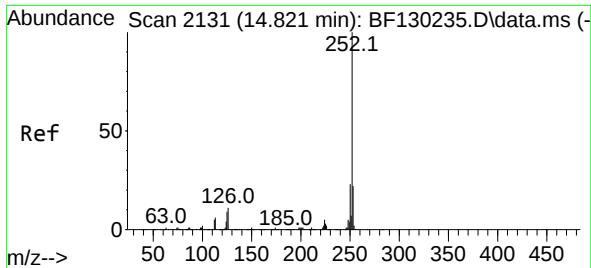
Reviewed By :Christian Giraldo 09/28/2022  
Supervised By :Jagrut Upadhyay 09/28/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.180 min Scan# 2226  
Delta R.T. 0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

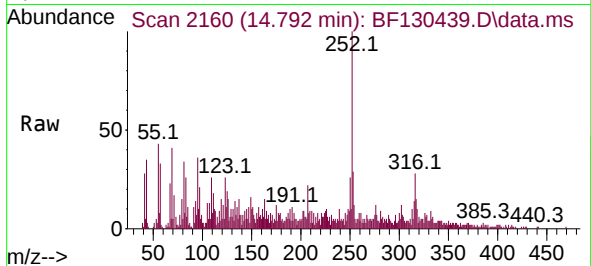
Tgt Ion:264 Resp: 158827  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.3 28.9  
265 22.2 17.0 25.4





#88  
Benzo(b)fluoranthene  
Concen: 2.362 ng m  
RT: 14.792 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF130439.D  
Acq: 27 Sep 2022 23:12

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-092622



Tgt Ion:252 Resp: 2449  
Ion Ratio Lower Upper  
252 100  
253 28.9 17.7 26.5  
125 19.1 8.1 12.1

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