

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102522\  
 Data File : BF130777.D  
 Acq On : 25 Oct 2022 19:34  
 Operator : CG\JU  
 Sample : N5222-07DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/26/2022  
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 13:50:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 21 06:12:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|--------|-------|------------|
| -----                       |        |      |          |        |       |            |
| Internal Standards          |        |      |          |        |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 6.563  | 152  | 134515   | 20.000 | ng    | 0.00       |
| 21) Naphthalene-d8          | 7.845  | 136  | 540978   | 20.000 | ng    | 0.00       |
| 39) Acenaphthene-d10        | 9.592  | 164  | 288757   | 20.000 | ng    | 0.00       |
| 64) Phenanthrene-d10        | 11.069 | 188  | 477231   | 20.000 | ng    | # 0.00     |
| 76) Chrysene-d12            | 13.704 | 240  | 180517   | 20.000 | ng    | 0.00       |
| 86) Perylene-d12            | 15.086 | 264  | 176342   | 20.000 | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.198  | 112  | 87727m   | 11.246 | ng    | 0.04       |
| 7) Phenol-d6                | 6.251  | 99   | 62684    | 6.642  | ng    | 0.03       |
| 23) Nitrobenzene-d5         | 7.134  | 82   | 190399   | 18.670 | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 10.380 | 330  | 69164    | 25.187 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 8.916  | 172  | 380593   | 20.086 | ng    | -0.01      |
| 79) Terphenyl-d14           | 12.651 | 244  | 212278   | 19.817 | ng    | 0.00       |
| Target Compounds            |        |      |          |        |       |            |
| 31) Naphthalene             | 7.869  | 128  | 1326556  | 47.558 | ng    | Qvalue 100 |
| 37) 2-Methylnaphthalene     | 8.557  | 142  | 201003   | 10.998 | ng    | 99         |
| 38) 1-Methylnaphthalene     | 8.651  | 142  | 123423   | 6.812  | ng    | 98         |
| -----                       |        |      |          |        |       |            |

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

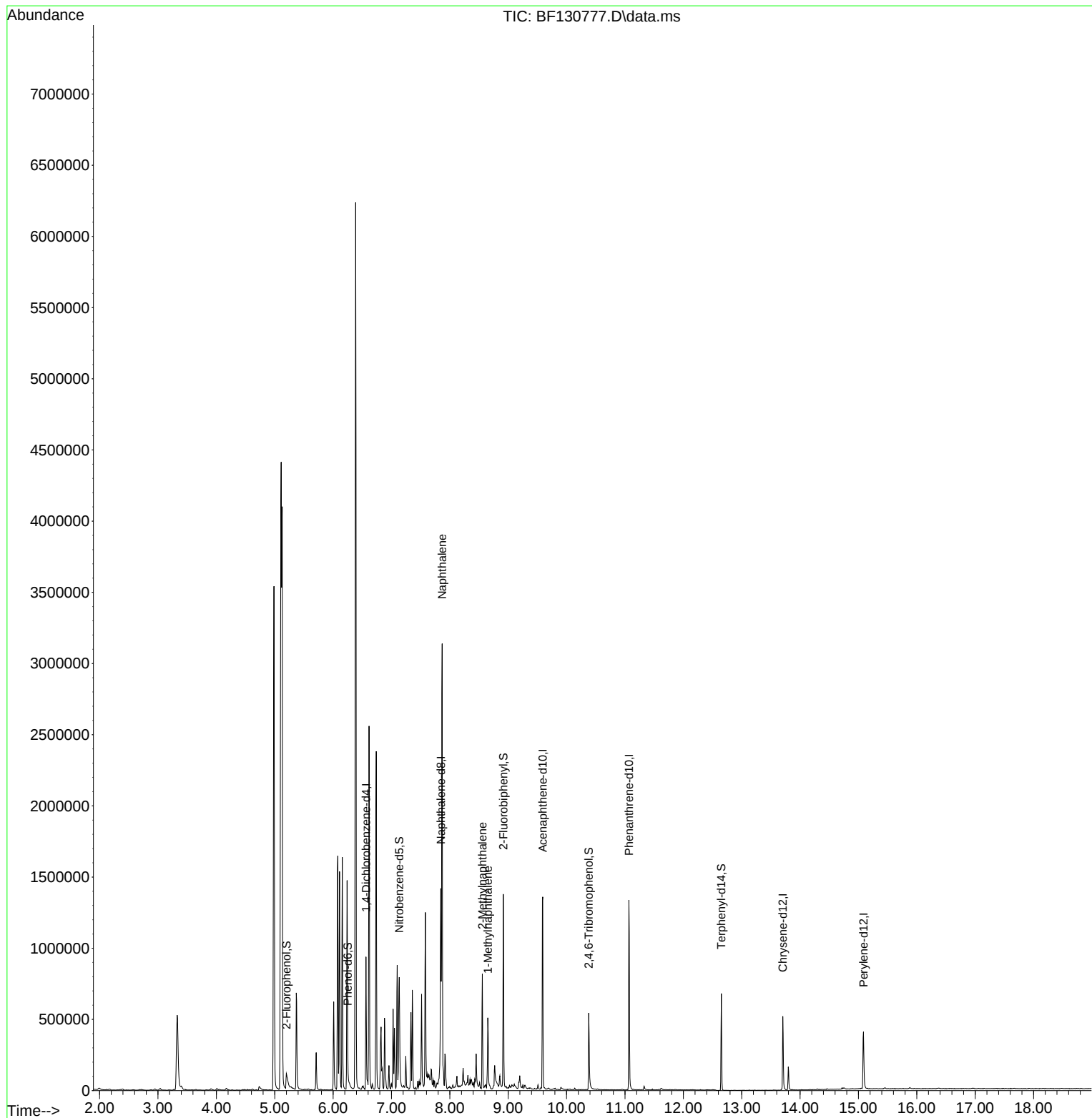
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102522\  
Data File : BF130777.D  
Acq On : 25 Oct 2022 19:34  
Operator : CG\JU  
Sample : N5222-07DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

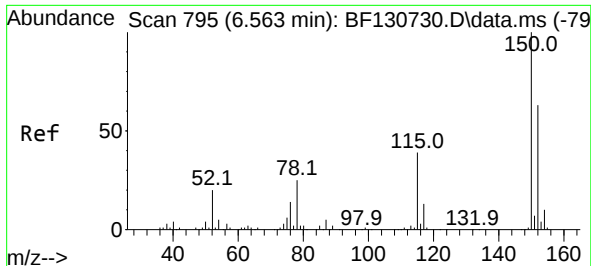
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3DL

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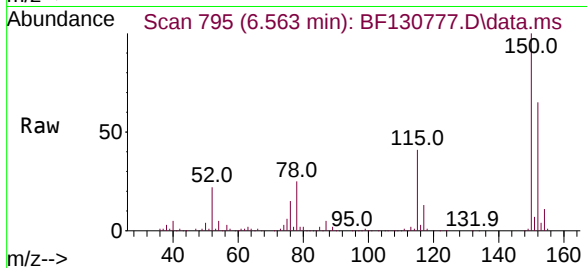
Quant Time: Oct 26 13:50:23 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 21 06:12:36 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.563 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

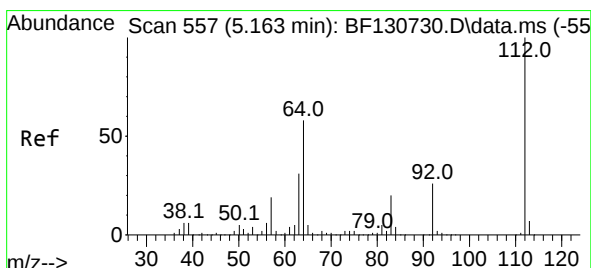
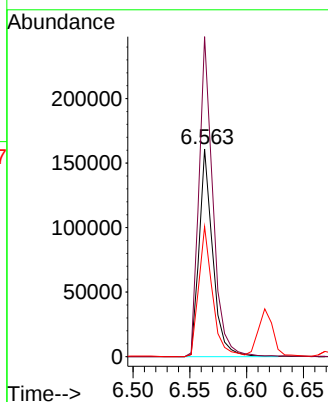
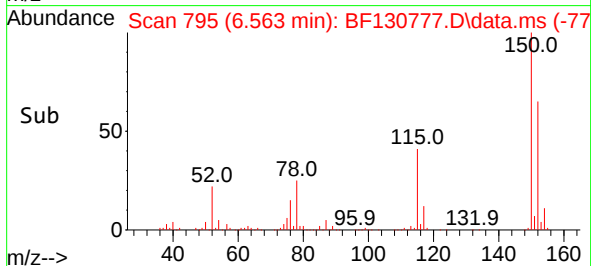
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3DL



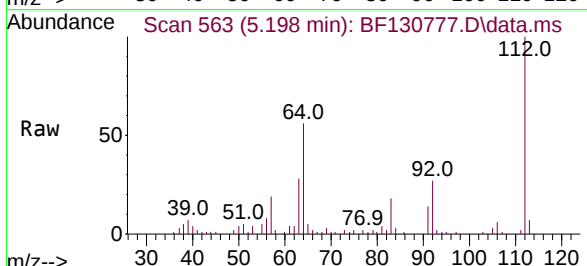
Tgt Ion:152 Resp: 134515  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.0 190.6  
115 62.6 49.9 74.9

Manual Integrations  
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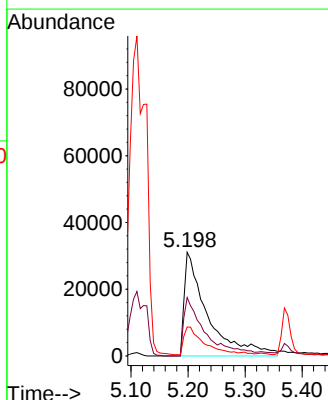
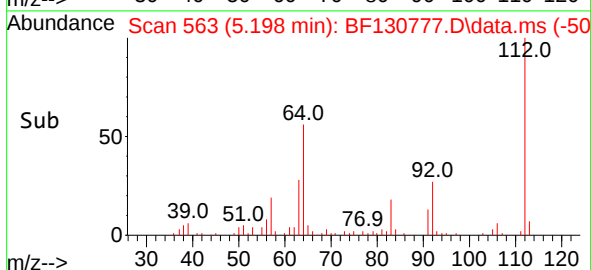
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022

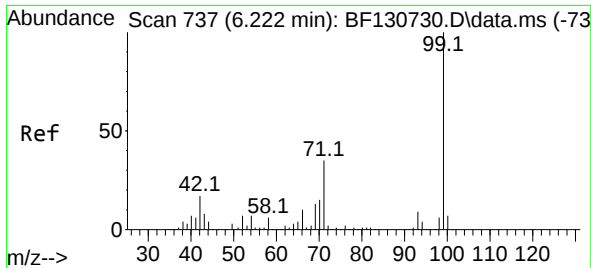


#5  
2-Fluorophenol  
Concen: 11.246 ng m  
RT: 5.198 min Scan# 563  
Delta R.T. 0.035 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34



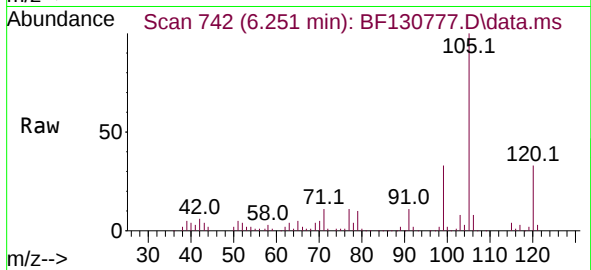
Tgt Ion:112 Resp: 87727  
Ion Ratio Lower Upper  
112 100  
64 56.3 46.2 69.4  
63 27.9 25.1 37.7





#7  
Phenol-d6  
Concen: 6.642 ng  
RT: 6.251 min Scan# 74  
Delta R.T. 0.029 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

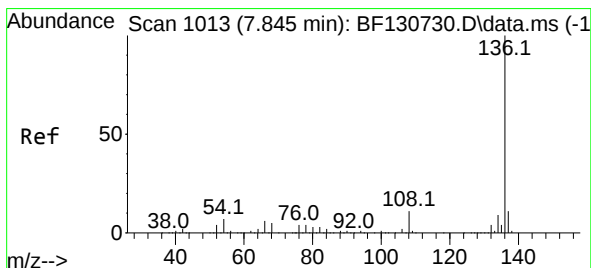
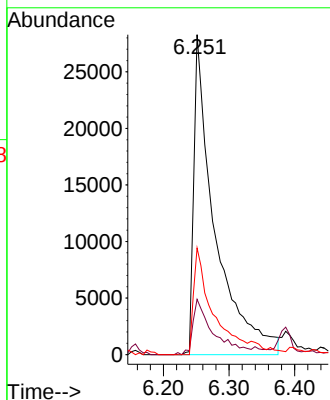
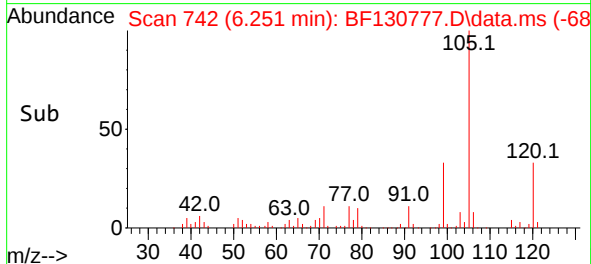
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3DL



Tgt Ion: 99 Resp: 62684  
Ion Ratio Lower Upper  
99 100  
42 17.3 13.8 20.8  
71 33.3 28.3 42.5

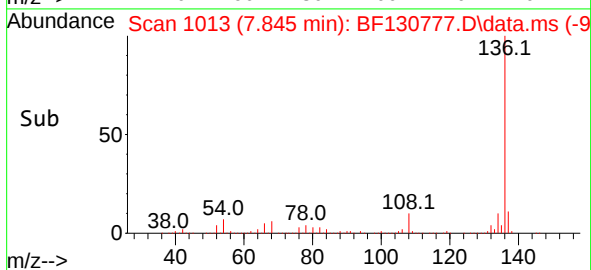
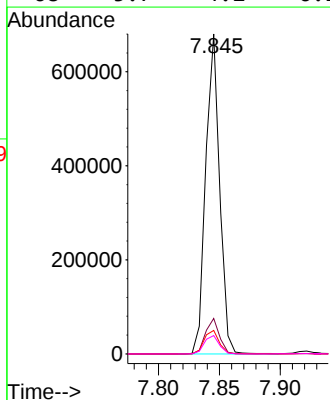
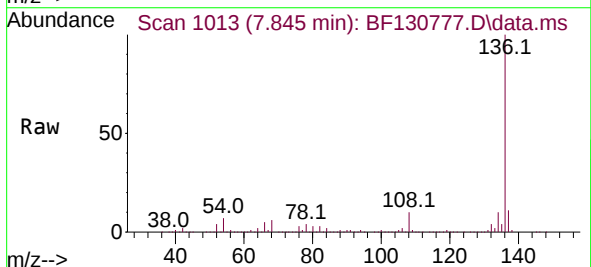
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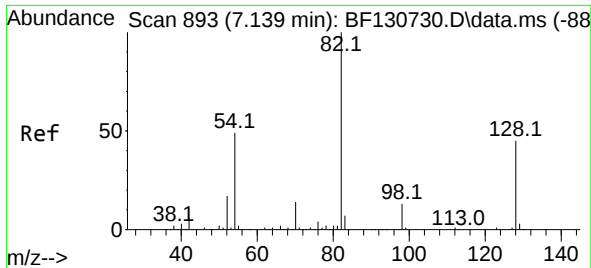
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.845 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

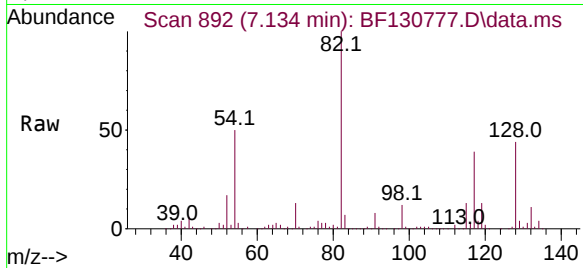
Tgt Ion:136 Resp: 540978  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 7.3 5.8 8.8  
68 5.7 4.2 6.2





#23  
Nitrobenzene-d5  
Concen: 18.670 ng  
RT: 7.134 min Scan# 89  
Delta R.T. -0.005 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

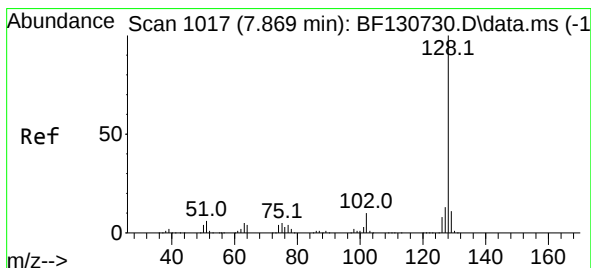
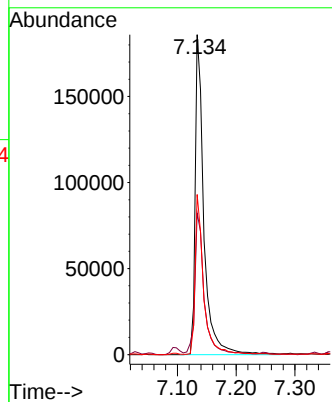
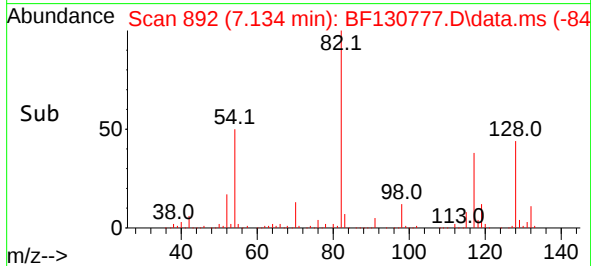
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3DL



Tgt Ion: 82 Resp: 190399  
Ion Ratio Lower Upper  
82 100  
128 44.2 35.9 53.9  
54 50.0 39.2 58.8

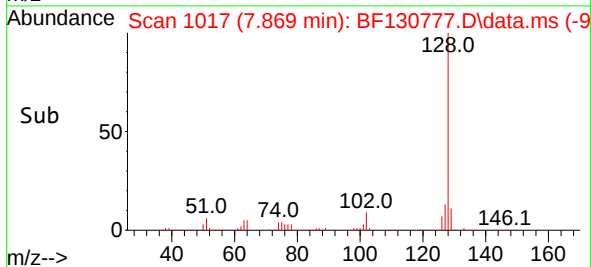
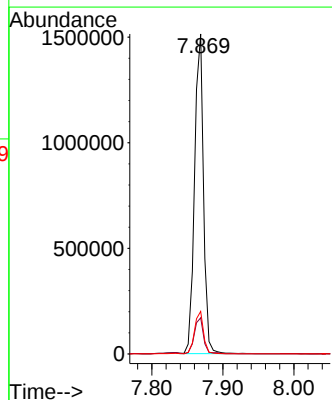
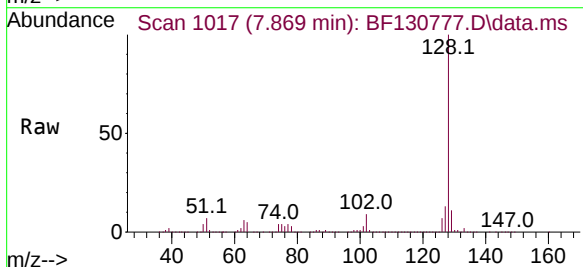
Manual Integrations  
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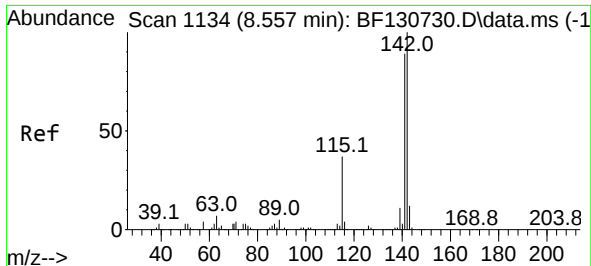
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022



#31  
Naphthalene  
Concen: 47.558 ng  
RT: 7.869 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

Tgt Ion:128 Resp: 1326556  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 10.998 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

Instrument :

BNA\_F

ClientSampleId :

MW-3DL

Tgt Ion:142 Resp: 201003

Ion Ratio Lower Upper

142 100

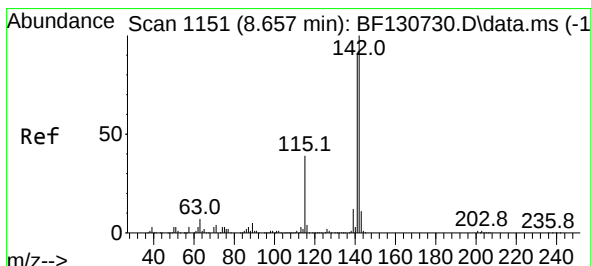
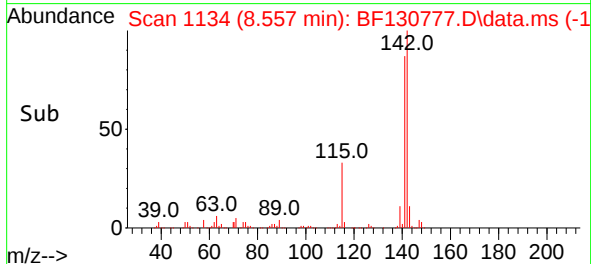
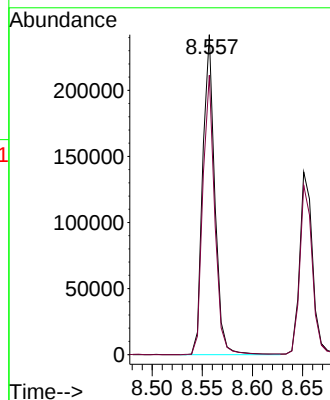
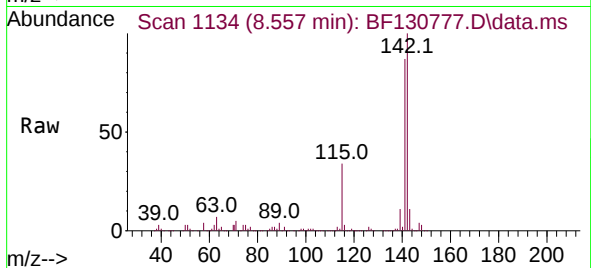
141 87.3 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/26/2022

Supervised By :Jagrut Upadhyay 10/27/2022



#38

1-Methylnaphthalene

Concen: 6.812 ng

RT: 8.651 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130777.D

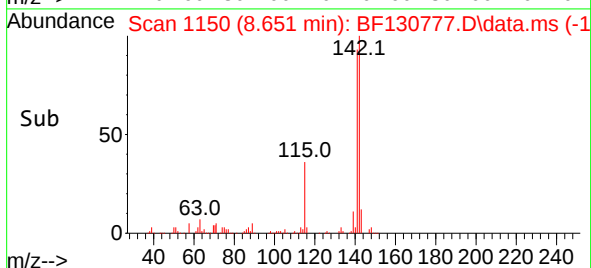
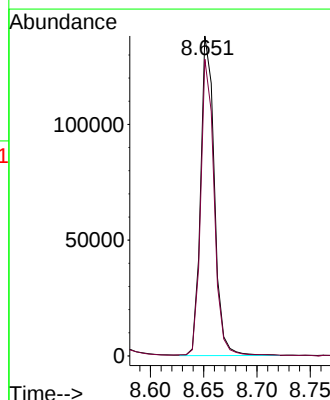
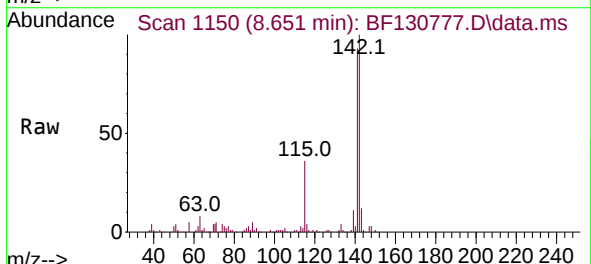
Acq: 25 Oct 2022 19:34

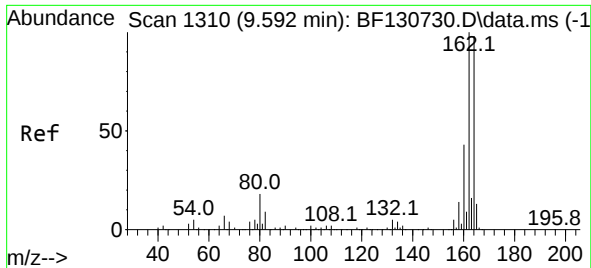
Tgt Ion:142 Resp: 123423

Ion Ratio Lower Upper

142 100

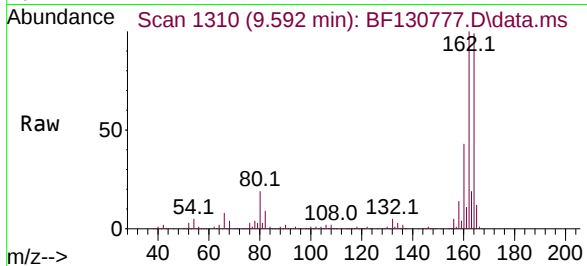
141 92.7 73.0 109.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.592 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

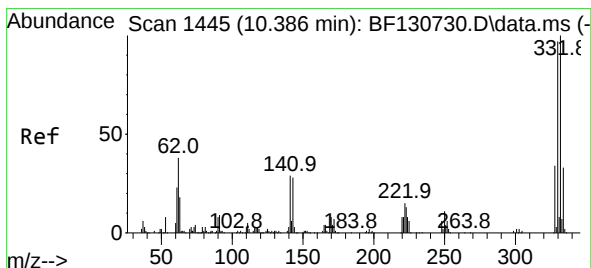
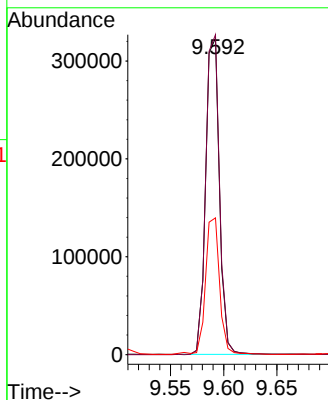
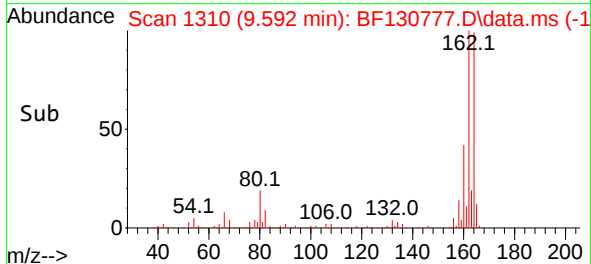
Instrument :  
BNA\_F  
Client SampleId :  
MW-3DL



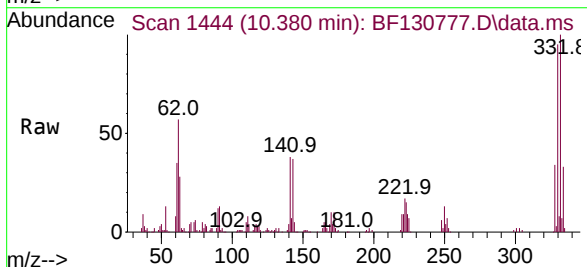
Tgt Ion:164 Resp: 28875  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.4 122.0  
160 43.2 35.0 52.4

Manual Integrations  
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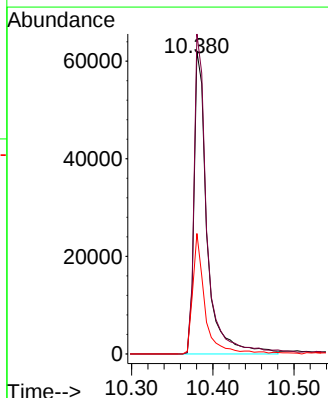
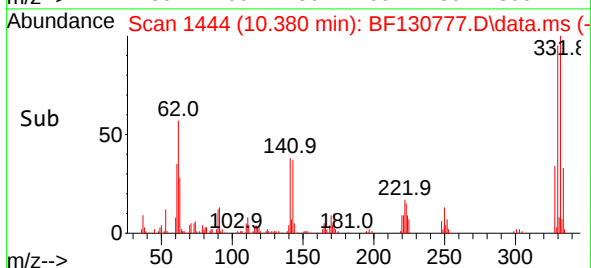
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022

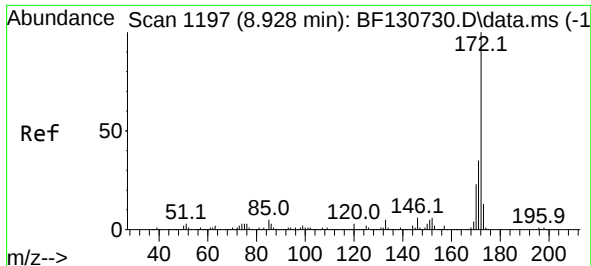


#42  
2,4,6-Tribromophenol  
Concen: 25.187 ng  
RT: 10.380 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34



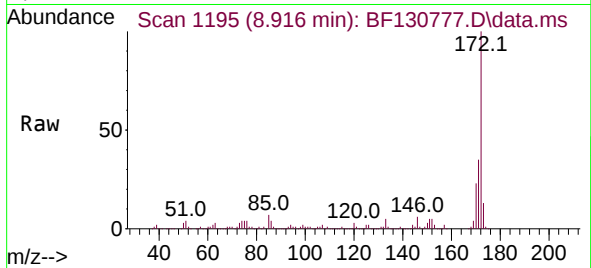
Tgt Ion:330 Resp: 69164  
Ion Ratio Lower Upper  
330 100  
332 105.5 81.4 122.2  
141 37.7 24.6 37.0#





#45  
2-Fluorobiphenyl  
Concen: 20.086 ng  
RT: 8.916 min Scan# 1195  
Delta R.T. -0.012 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

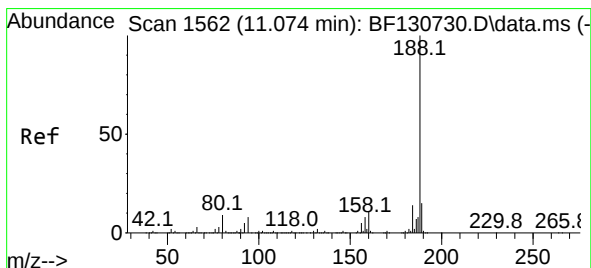
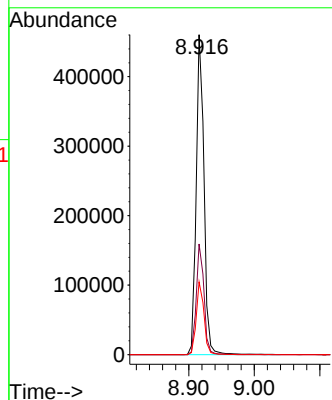
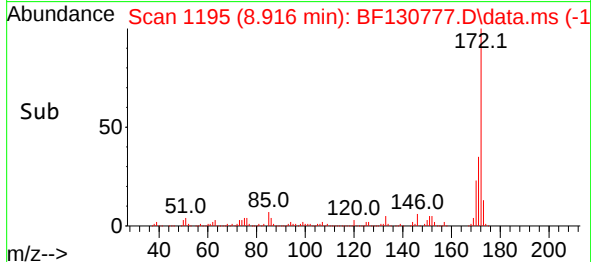
Instrument :  
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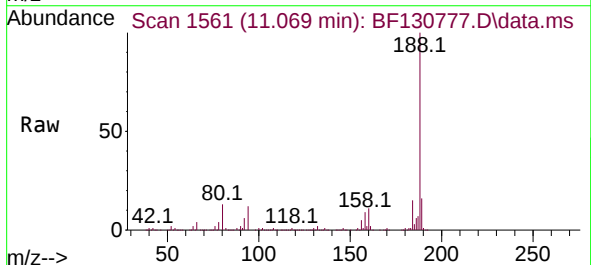
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172 100  
171 34.6 28.2 42.2  
170 22.7 18.5 27.7

Manual Integrations  
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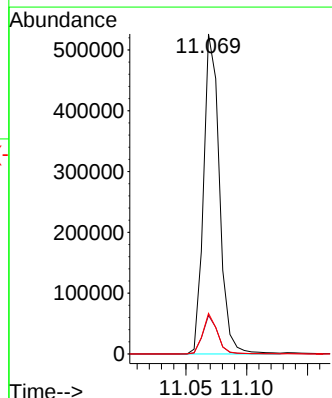
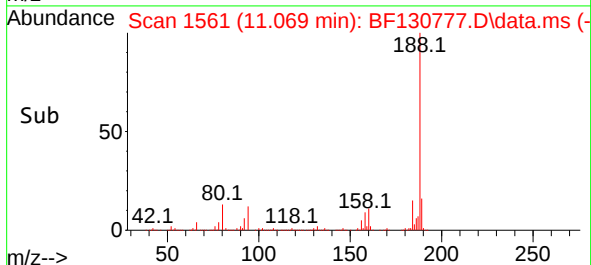
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022

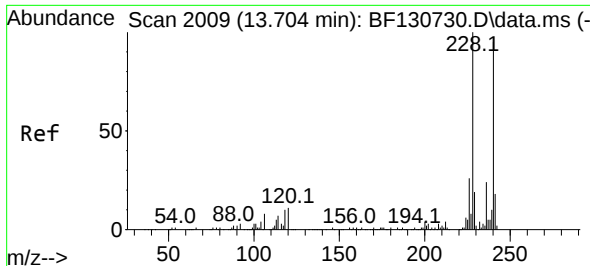


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.069 min Scan# 1561  
Delta R.T. -0.006 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34



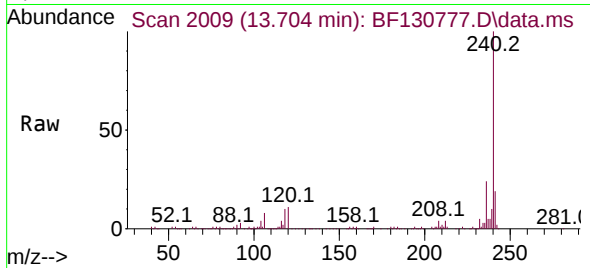
Tgt Ion:188 Resp: 477231  
Ion Ratio Lower Upper  
188 100  
94 12.0 6.7 10.1#  
80 12.7 7.4 11.0#





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.704 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

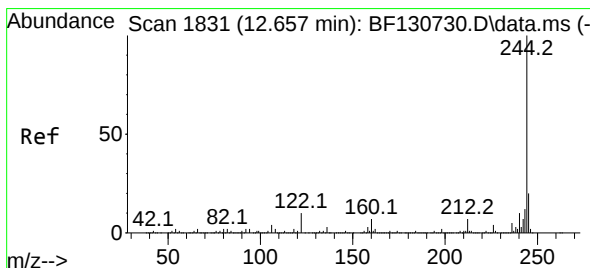
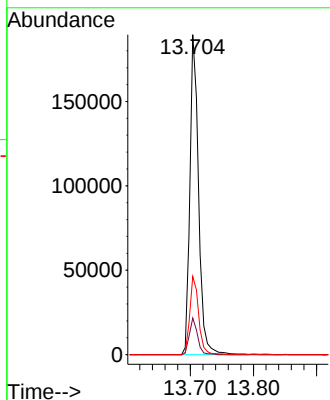
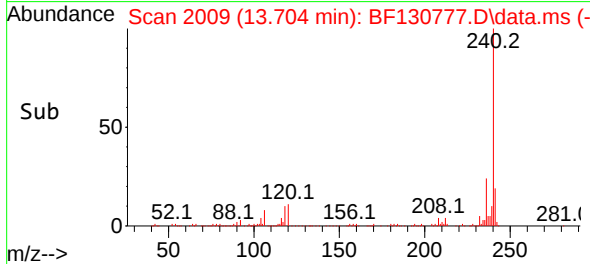
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3DL



Tgt Ion:240 Resp: 180517  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.6 14.4  
236 24.4 20.2 30.2

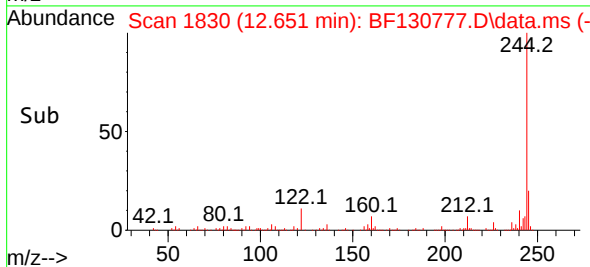
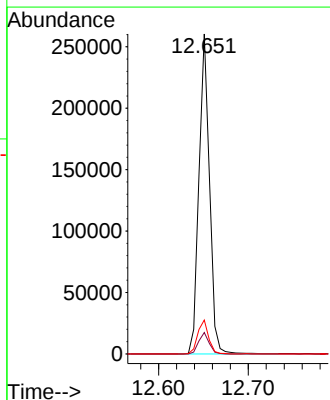
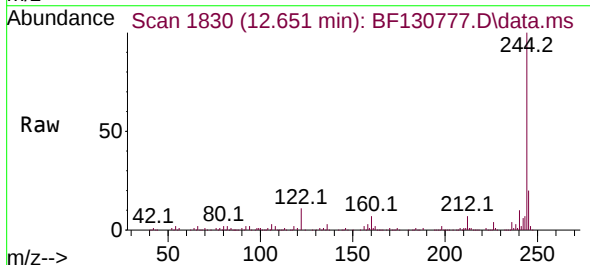
Manual Integrations  
APPROVED

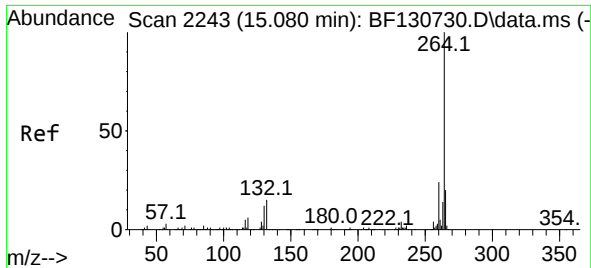
Reviewed By :Christian Giraldo 10/26/2022  
Supervised By :Jagrut Upadhyay 10/27/2022



#79  
Terphenyl-d14  
Concen: 19.817 ng  
RT: 12.651 min Scan# 1830  
Delta R.T. -0.006 min  
Lab File: BF130777.D  
Acq: 25 Oct 2022 19:34

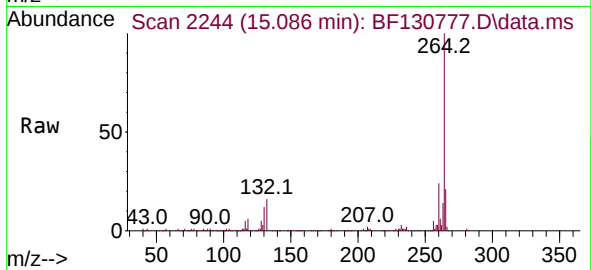
Tgt Ion:244 Resp: 212278  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.4 8.0  
122 10.6 8.2 12.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.086 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF130777.D  
 Acq: 25 Oct 2022 19:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3DL



Tgt Ion:264 Resp: 176342  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.8 28.2  
 265 21.4 16.2 24.4

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