

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072922\  
 Data File : BF129438.D  
 Acq On : 29 Jul 2022 12:57  
 Operator : CG\JU  
 Sample : N3896-17  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-74

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 08/01/2022  
 Supervised By :Jagrut Upadhyay 08/01/2022

Quant Time: Jul 29 18:20:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 182984   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 733134   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 383254   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 604149   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.063 | 240  | 371245   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.562 | 264  | 376324   | 20.000  | ng    | 0.01     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 1116537  | 99.399  | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 1425866  | 100.988 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 925963   | 68.946  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 374704   | 101.692 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1663369  | 67.139  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1454291  | 73.904  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       |          |
| 75) Fluoranthene            | 12.633 | 202  | 99181    | 2.968   | ng    | 99       |
| 78) Pyrene                  | 12.863 | 202  | 95688    | 3.082   | ng    | 97       |
| -----                       |        |      |          |         |       |          |

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

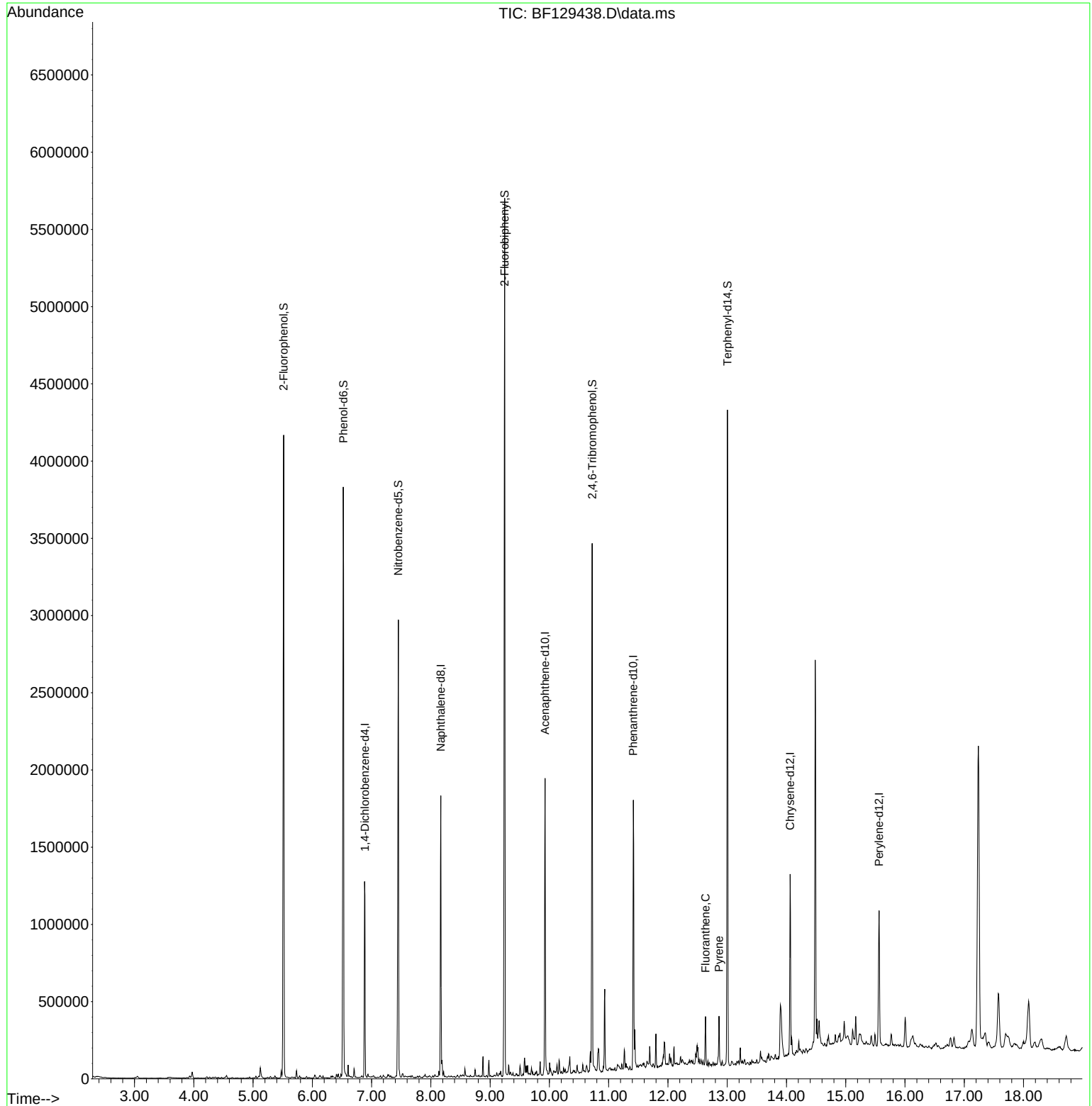
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072922\  
Data File : BF129438.D  
Acq On : 29 Jul 2022 12:57  
Operator : CG\JU  
Sample : N3896-17  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

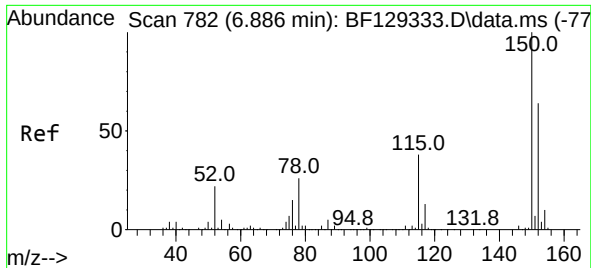
Instrument :  
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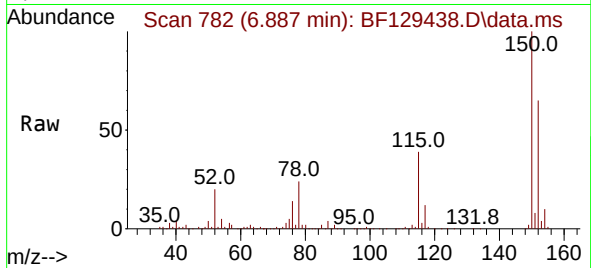
Quant Time: Jul 29 18:20:26 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 25 17:24:17 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

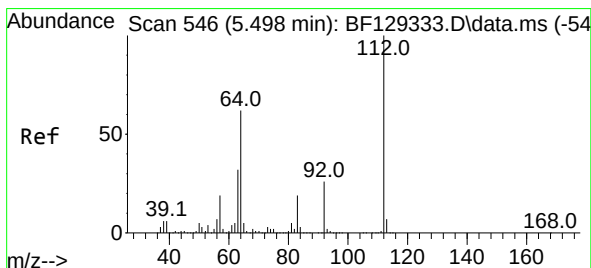
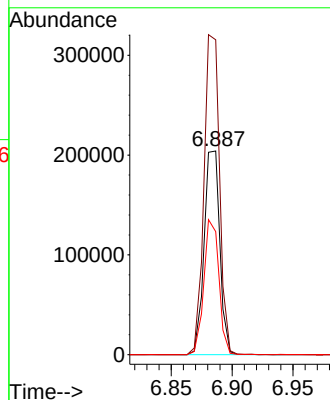
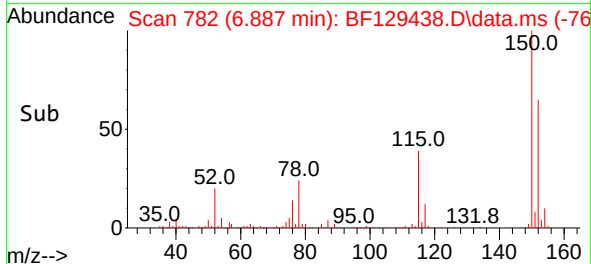
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:152 Resp: 182984  
Ion Ratio Lower Upper  
152 100  
150 154.5 123.7 185.5  
115 60.4 49.9 74.9

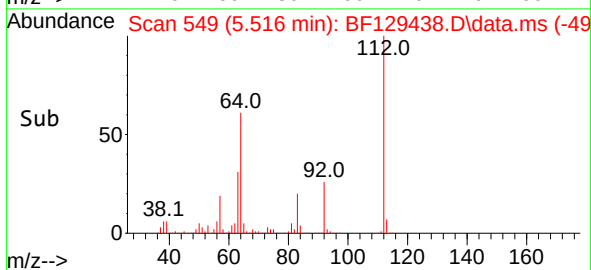
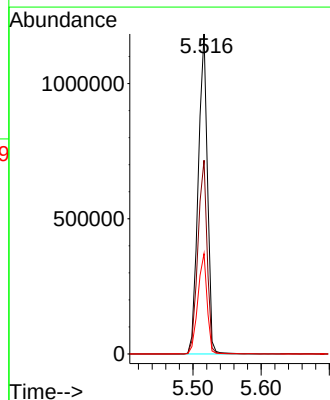
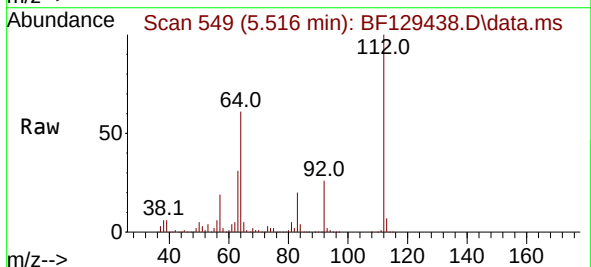
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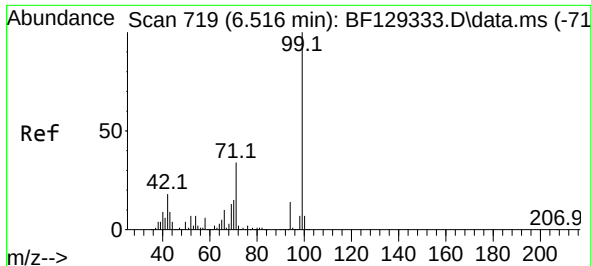
Reviewed By :Christian Giraldo 08/01/2022  
Supervised By :Jagrut Upadhyay 08/01/2022



#5  
2-Fluorophenol  
Concen: 99.399 ng  
RT: 5.516 min Scan# 549  
Delta R.T. 0.018 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

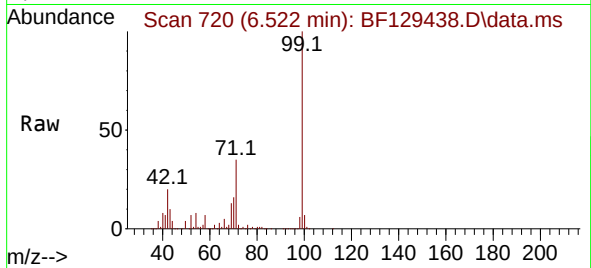
Tgt Ion:112 Resp: 1116537  
Ion Ratio Lower Upper  
112 100  
64 60.5 53.3 79.9  
63 31.4 28.0 42.0





#7  
Phenol-d6  
Concen: 100.988 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

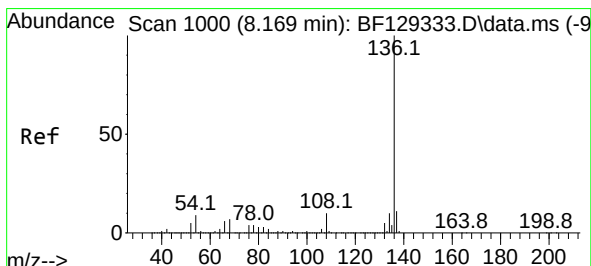
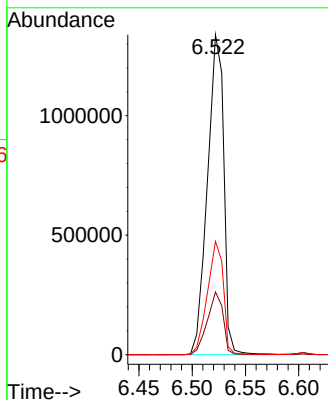
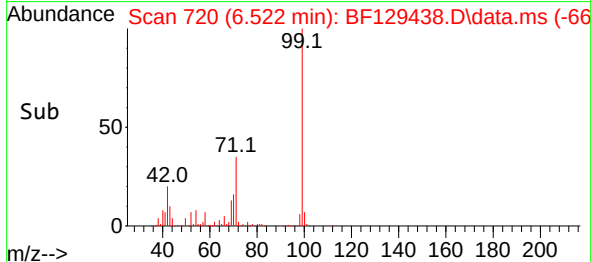
Instrument :  
BNA\_F  
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Tgt Ion: 99 Resp: 142586  
Ion Ratio Lower Upper  
99 100  
42 19.6 17.3 25.9  
71 35.4 28.9 43.3

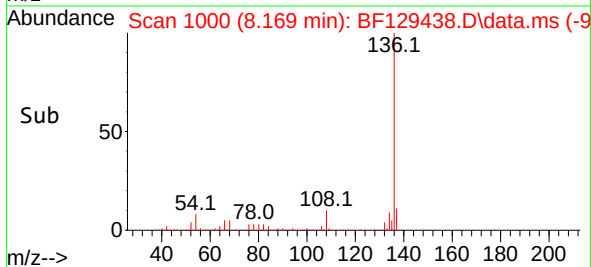
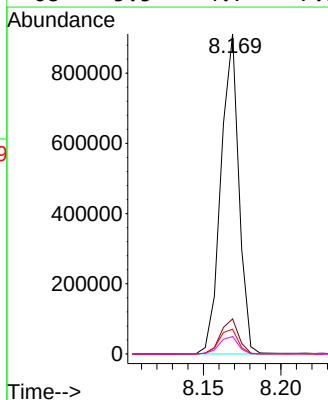
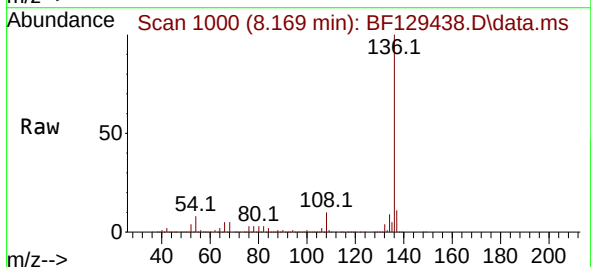
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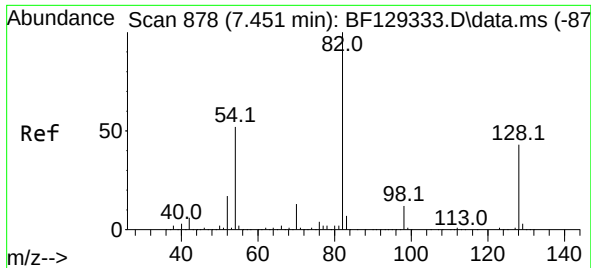
Reviewed By :Christian Giraldo 08/01/2022  
Supervised By :Jagrut Upadhyay 08/01/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

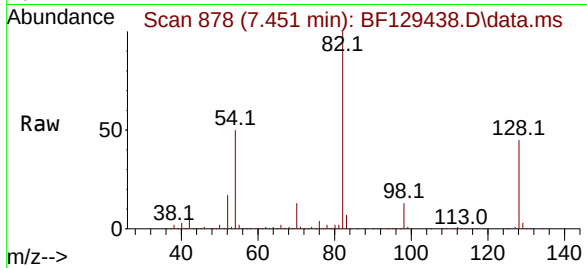
Tgt Ion:136 Resp: 733134  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.7 7.5 11.3  
68 5.5 4.7 7.1





#23  
Nitrobenzene-d5  
Concen: 68.946 ng  
RT: 7.451 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

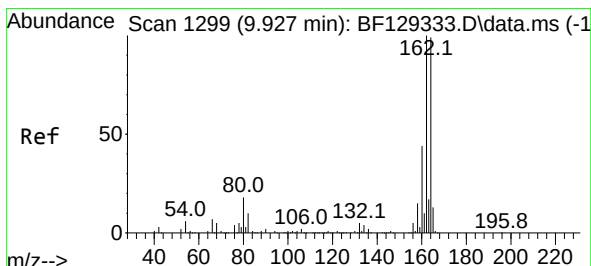
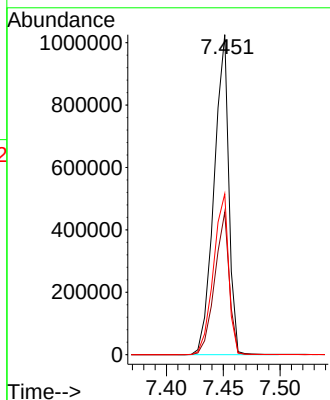
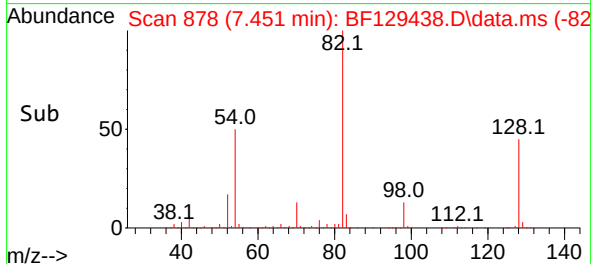
Instrument :  
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ClientSampleId :  
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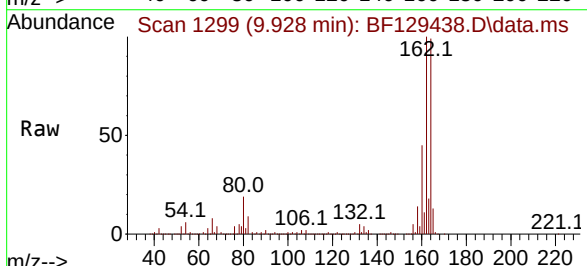
Tgt Ion: 82 Resp: 92596  
Ion Ratio Lower Upper  
82 100  
128 44.6 34.0 51.0  
54 50.2 46.9 70.3

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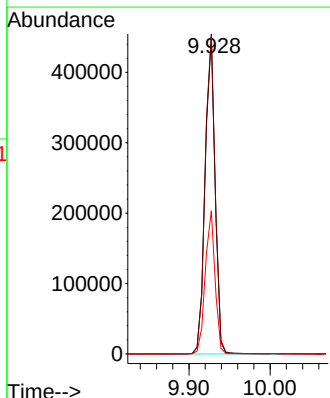
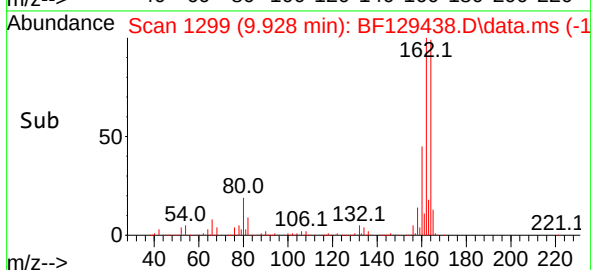
Reviewed By :Christian Giraldo 08/01/2022  
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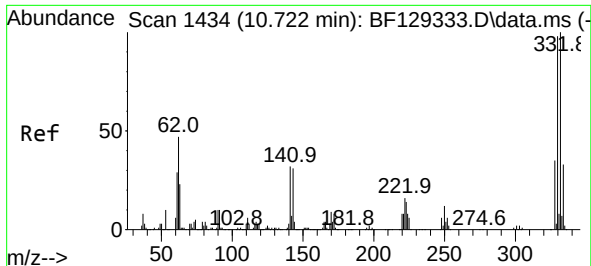


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57



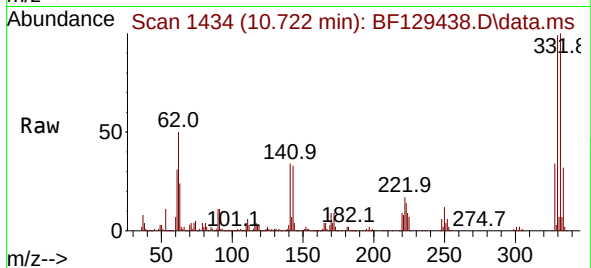
Tgt Ion:164 Resp: 383254  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.5 119.3  
160 45.1 34.2 51.4





#42  
2,4,6-Tribromophenol  
Concen: 101.692 ng  
RT: 10.722 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

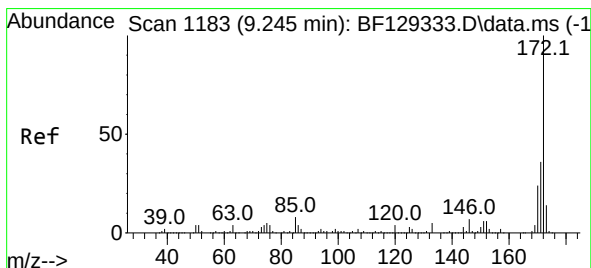
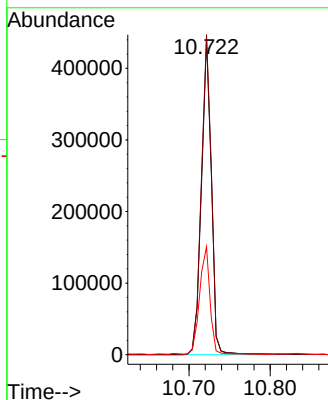
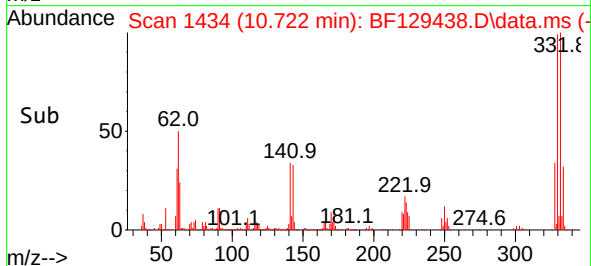
Instrument :  
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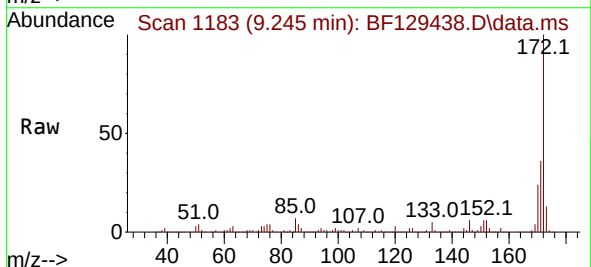
Tgt Ion:330 Resp: 374704  
Ion Ratio Lower Upper  
330 100  
332 102.9 76.8 115.2  
141 35.8 28.0 42.0

Manual Integrations  
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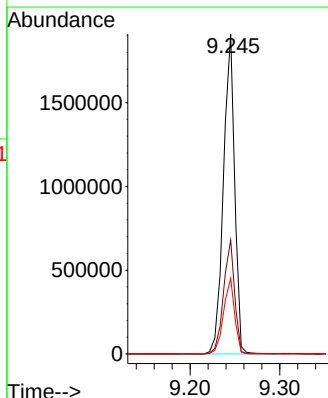
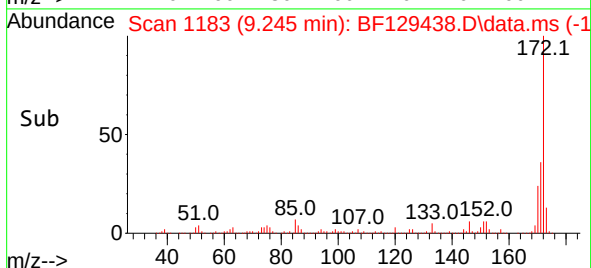
Reviewed By :Christian Giraldo 08/01/2022  
Supervised By :Jagrut Upadhyay 08/01/2022

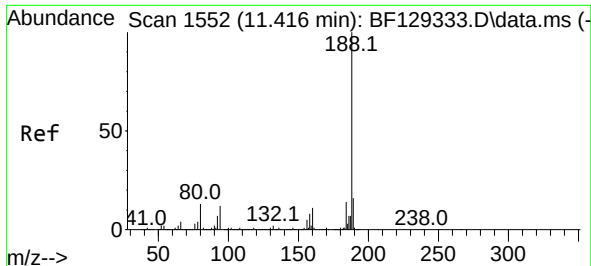


#45  
2-Fluorobiphenyl  
Concen: 67.139 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57



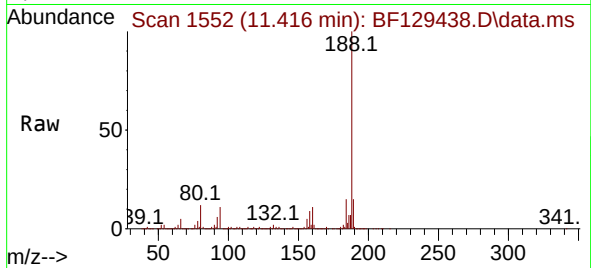
Tgt Ion:172 Resp: 1663369  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 23.7 19.8 29.8





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1552  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

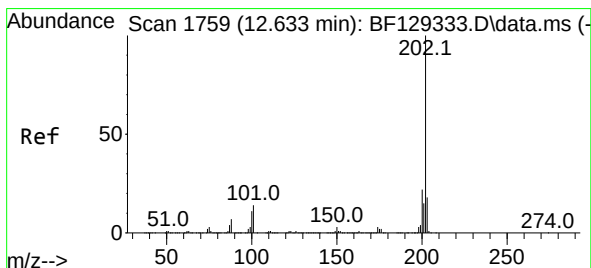
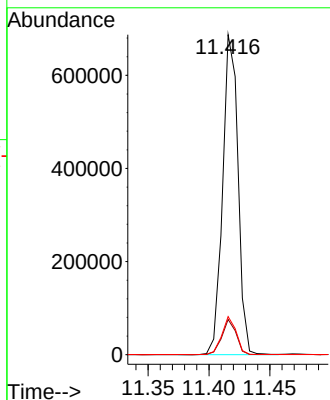
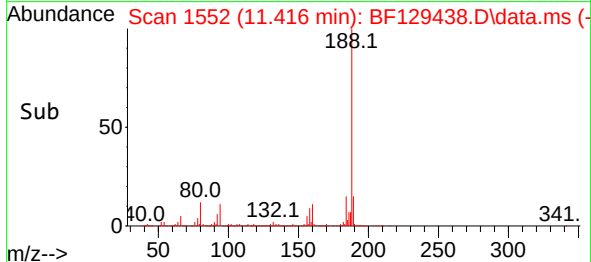
Instrument :  
BNA\_F  
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Tgt Ion:188 Resp: 604149  
Ion Ratio Lower Upper  
188 100  
94 11.0 7.0 10.6  
80 11.9 7.6 11.4

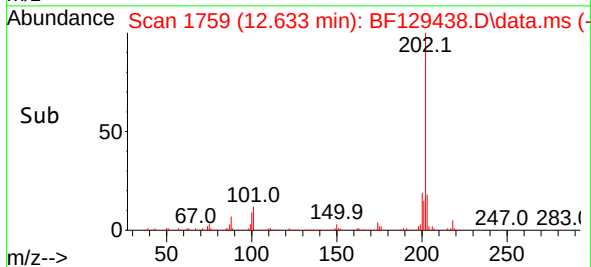
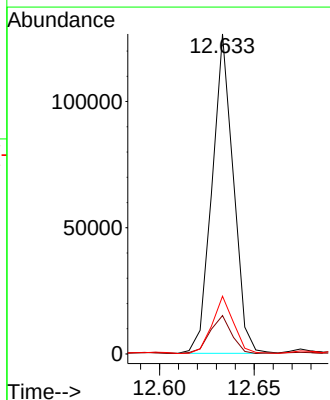
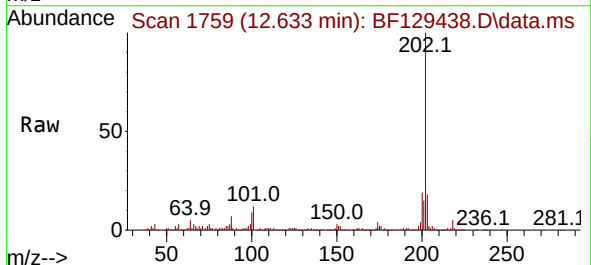
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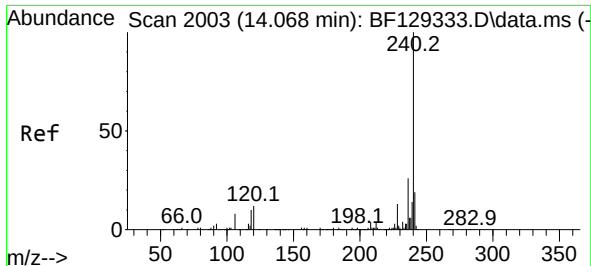
Reviewed By :Christian Giraldo 08/01/2022  
Supervised By :Jagrut Upadhyay 08/01/2022



#75  
Fluoranthene  
Concen: 2.968 ng  
RT: 12.633 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

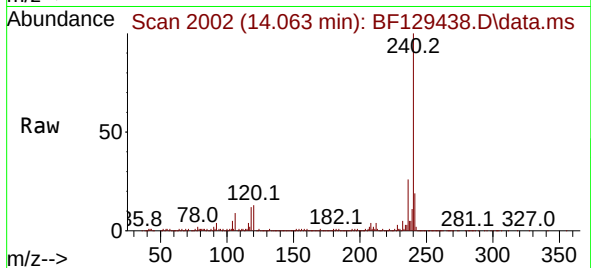
Tgt Ion:202 Resp: 99181  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 31.4  
203 18.0 0.0 38.0





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57

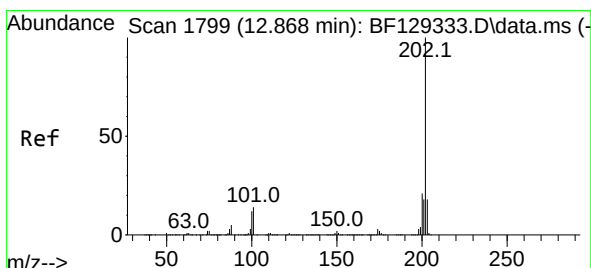
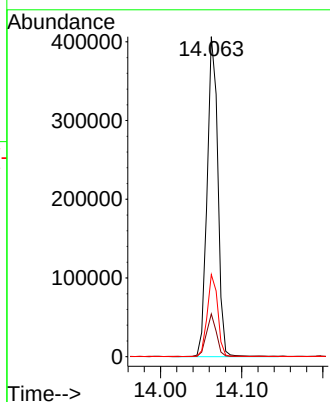
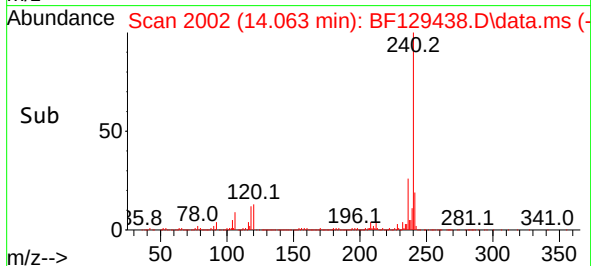
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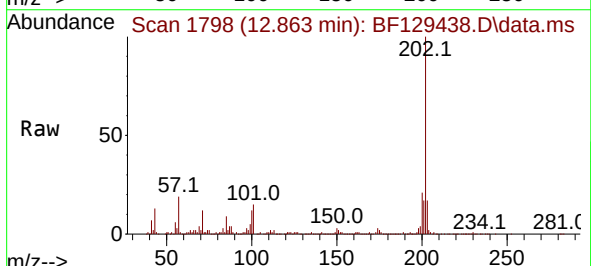
Tgt Ion:240 Resp: 371245  
Ion Ratio Lower Upper  
240 100  
120 13.3 8.9 13.3  
236 25.6 20.8 31.2

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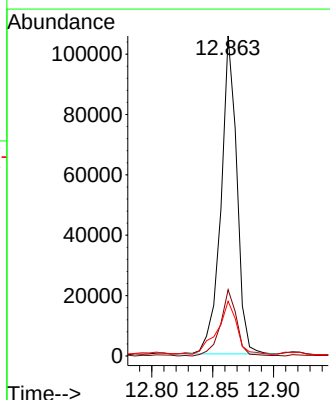
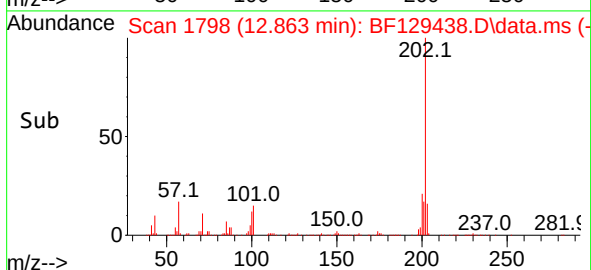
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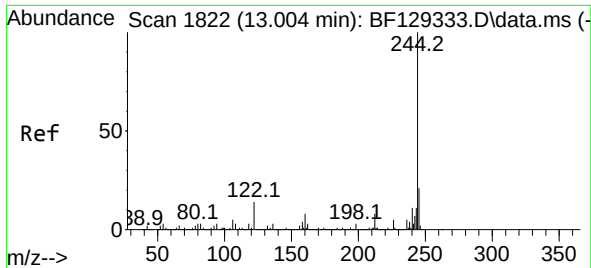
#78  
Pyrene  
Concen: 3.082 ng  
RT: 12.863 min Scan# 1798  
Delta R.T. -0.006 min  
Lab File: BF129438.D  
Acq: 29 Jul 2022 12:57



Tgt Ion:202 Resp: 95688  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.7 26.5  
203 17.1 14.6 21.8

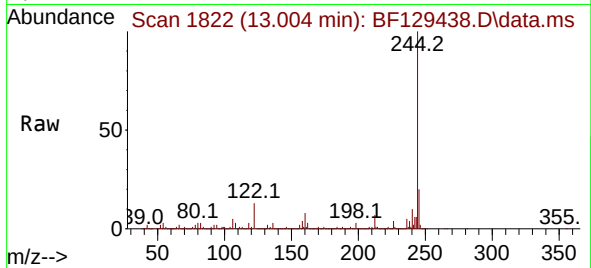






#79  
 Terphenyl-d14  
 Concen: 73.904 ng  
 RT: 13.004 min Scan# 1822  
 Delta R.T. 0.000 min  
 Lab File: BF129438.D  
 Acq: 29 Jul 2022 12:57

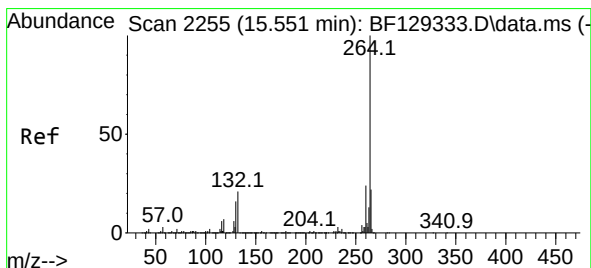
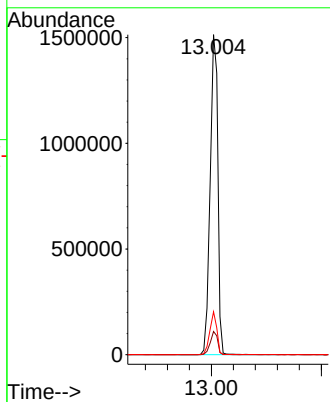
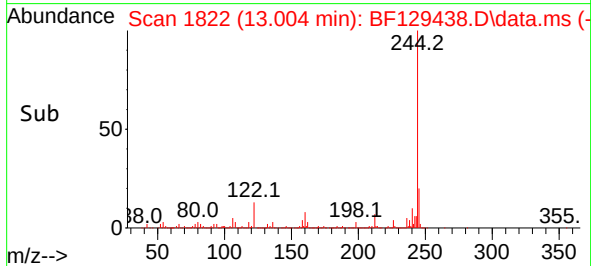
Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 145429  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.1 9.1  
 122 13.4 8.8 13.2

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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.562 min Scan# 2257  
 Delta R.T. 0.012 min  
 Lab File: BF129438.D  
 Acq: 29 Jul 2022 12:57

Tgt Ion:264 Resp: 376324  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.4 27.6  
 265 21.8 17.2 25.8

