

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061022\  
 Data File : BF128760.D  
 Acq On : 10 Jun 2022 15:49  
 Operator : CG\JU  
 Sample : N3286-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 06/13/2022  
 Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 11 01:27:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 08 14:28:39 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 69749    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.086  | 136  | 266401   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.839  | 164  | 152731   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.327 | 188  | 266098   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.974 | 240  | 128791   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.433 | 264  | 145927   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 216784   | 49.506  | ng    | -0.01    |
| 7) Phenol-d6                | 6.463  | 99   | 172715   | 32.312  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.369  | 82   | 482152   | 84.265  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.639 | 330  | 208413   | 115.490 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 964055   | 88.420  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.921 | 244  | 795654   | 107.349 | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 7.869  | 122  | 6737m    | 2.693   | ng    | Qvalue   |
| -----                       |        |      |          |         |       |          |

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

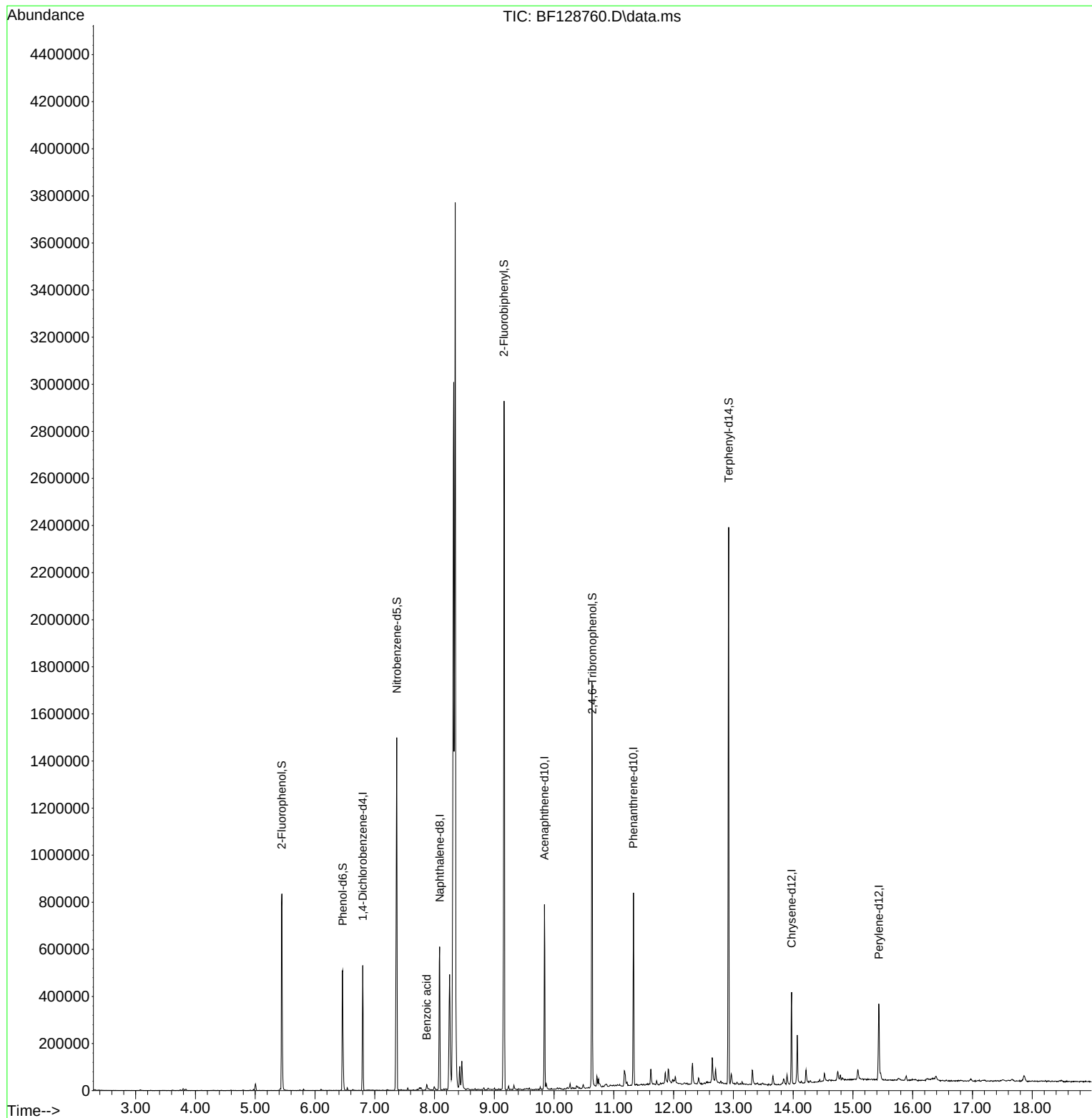
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061022\  
Data File : BF128760.D  
Acq On : 10 Jun 2022 15:49  
Operator : CG\JU  
Sample : N3286-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

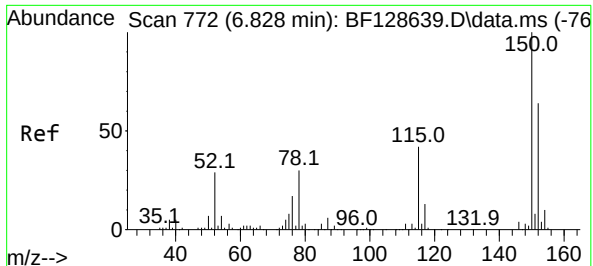
Instrument :  
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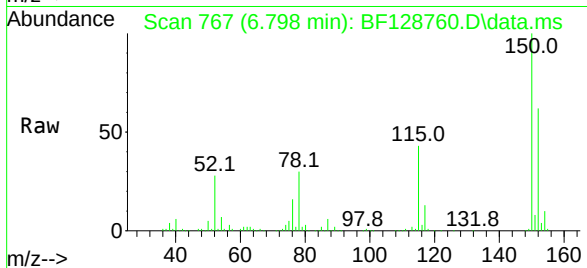
Quant Time: Jun 11 01:27:05 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 08 14:28:39 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

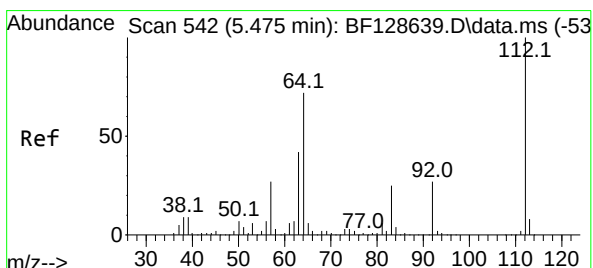
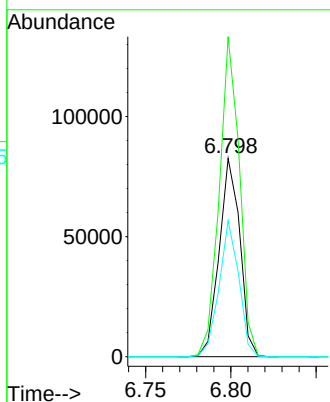
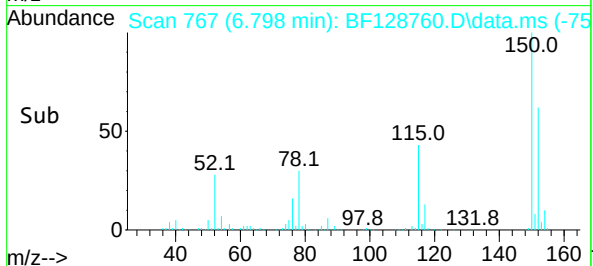
Instrument :  
BNA\_F  
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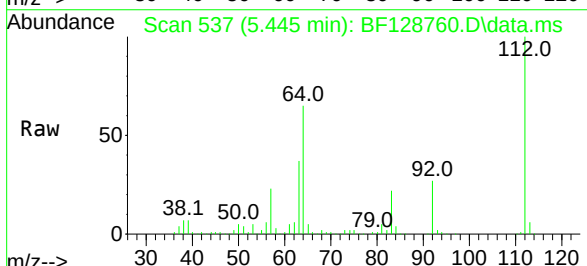
Tgt Ion:152 Resp: 69749  
Ion Ratio Lower Upper  
152 100  
150 161.4 123.7 185.5  
115 68.7 49.9 74.9

Manual Integrations  
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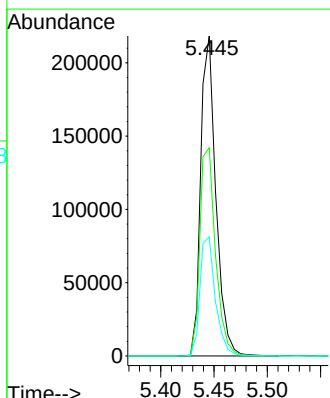
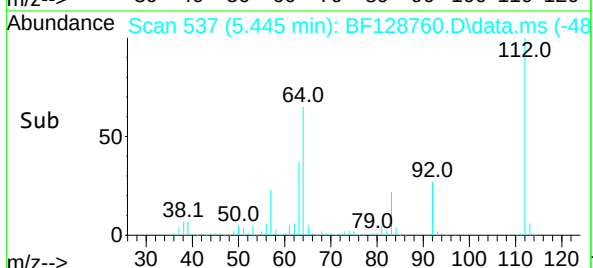
Reviewed By :Christian Giraldo 06/13/2022  
Supervised By :Jagrut Upadhyay 06/13/2022

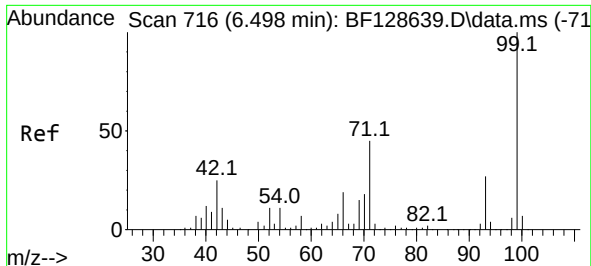


#5  
2-Fluorophenol  
Concen: 49.506 ng  
RT: 5.445 min Scan# 537  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49



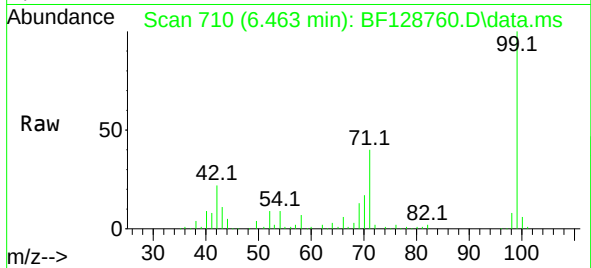
Tgt Ion:112 Resp: 216784  
Ion Ratio Lower Upper  
112 100  
64 65.1 53.3 79.9  
63 37.3 28.0 42.0





#7  
Phenol-d6  
Concen: 32.312 ng  
RT: 6.463 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

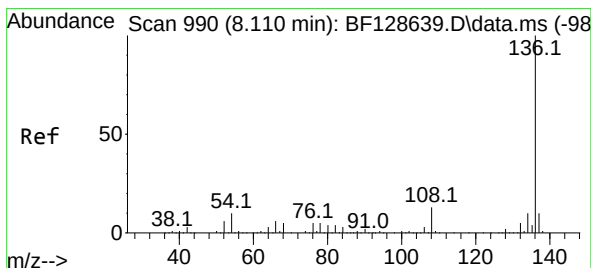
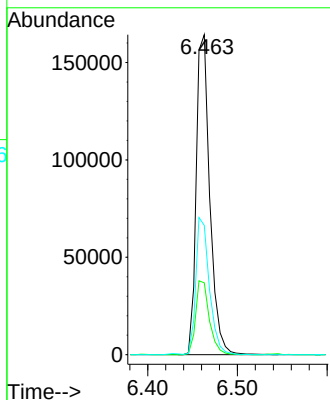
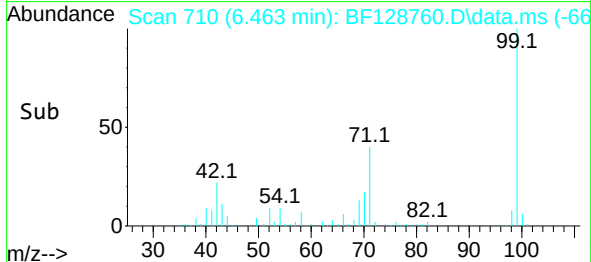
Instrument :  
BNA\_F  
ClientSampleId :  
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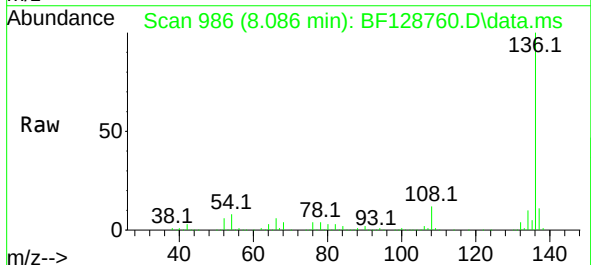
Tgt Ion: 99 Resp: 172715  
Ion Ratio Lower Upper  
99 100  
42 22.5 17.3 25.9  
71 40.4 28.9 43.3

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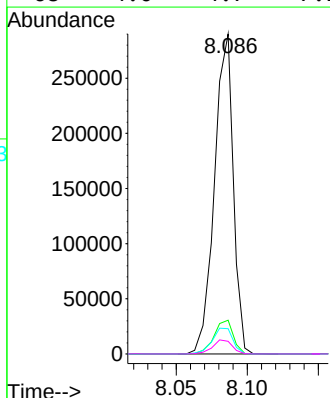
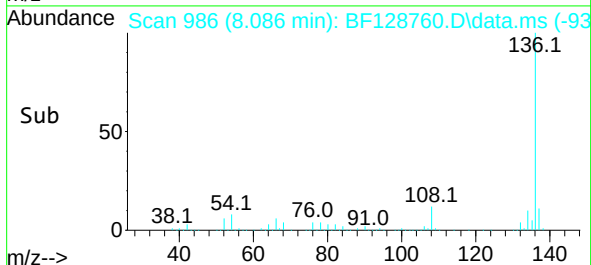
Reviewed By :Christian Giraldo 06/13/2022  
Supervised By :Jagrut Upadhyay 06/13/2022

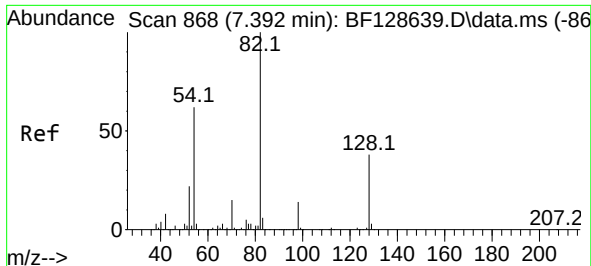


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 986  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49



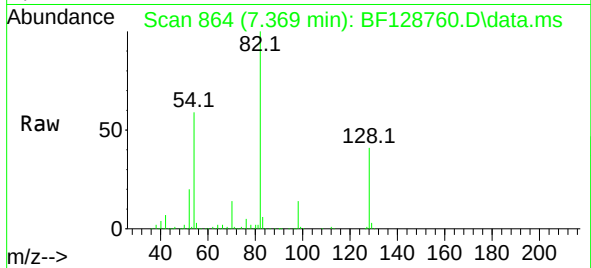
Tgt Ion:136 Resp: 266401  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 7.9 7.5 11.3  
68 4.0 4.7 7.1#





#23  
Nitrobenzene-d5  
Concen: 84.265 ng  
RT: 7.369 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

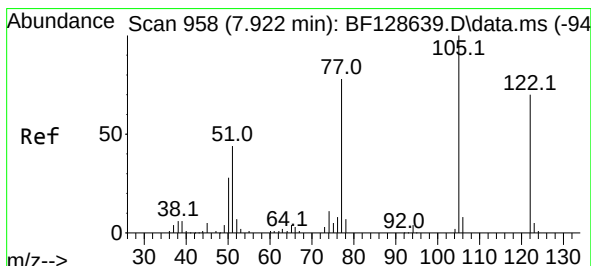
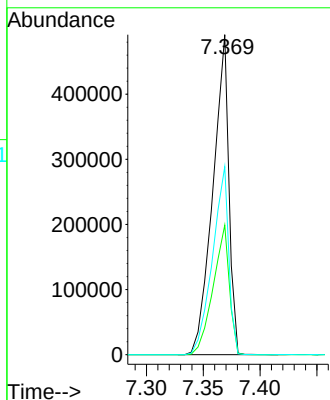
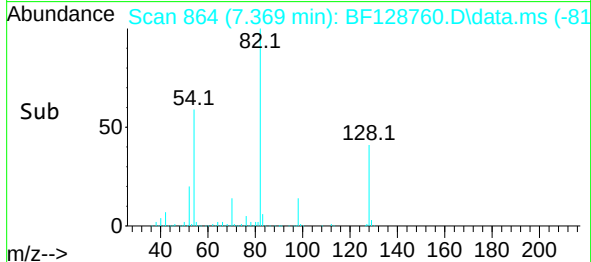
Instrument :  
BNA\_F  
ClientSampleId :  
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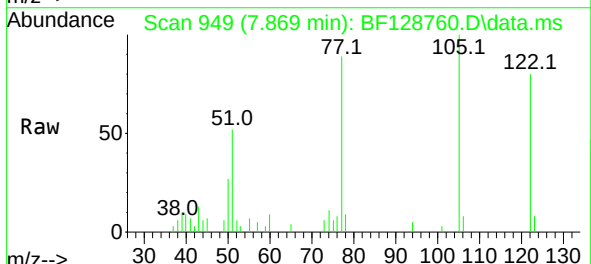
Tgt Ion: 82 Resp: 482152  
Ion Ratio Lower Upper  
82 100  
128 40.5 34.0 51.0  
54 58.8 46.9 70.3

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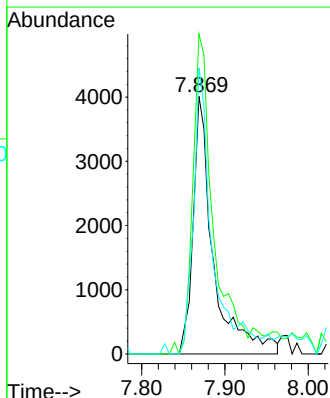
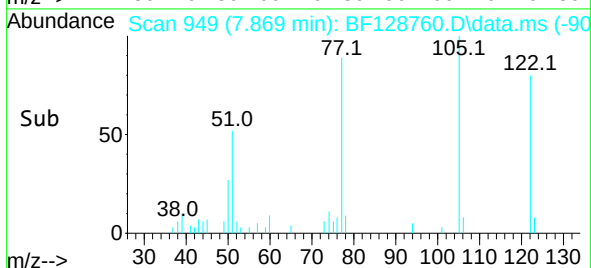
Reviewed By :Christian Giraldo 06/13/2022  
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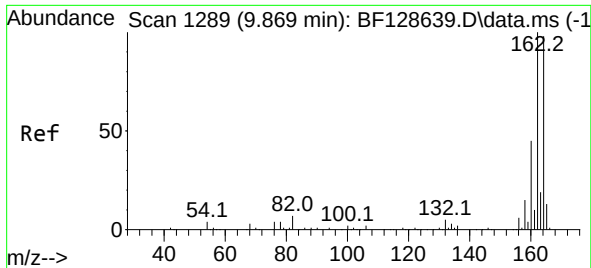


#32  
Benzoic acid  
Concen: 2.693 ng m  
RT: 7.869 min Scan# 949  
Delta R.T. -0.041 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49



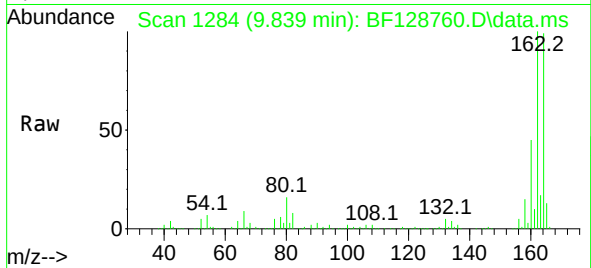
Tgt Ion:122 Resp: 6737  
Ion Ratio Lower Upper  
122 100  
105 124.3 107.1 147.1  
77 111.1 74.2 114.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1284  
Delta R.T. -0.018 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

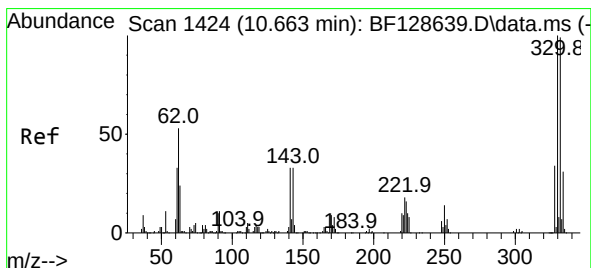
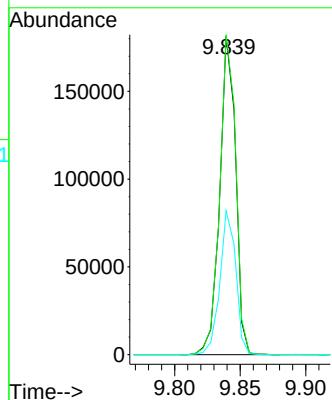
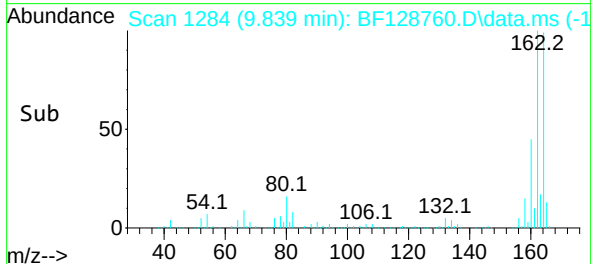
Instrument :  
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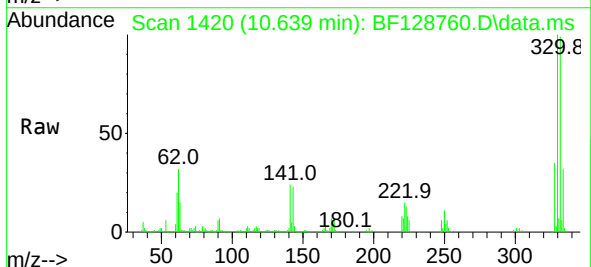
Tgt Ion:164 Resp: 15273  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.5 119.3  
160 45.3 34.2 51.4

Manual Integrations  
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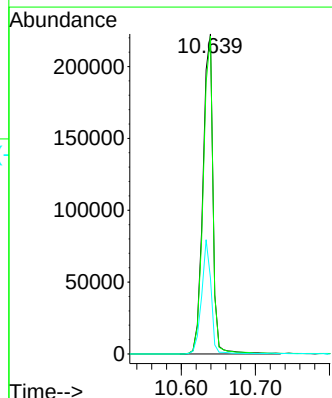
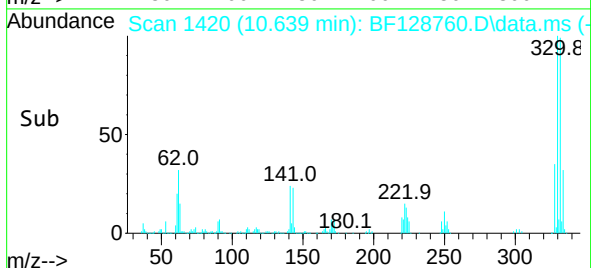
Reviewed By :Christian Giraldo 06/13/2022  
Supervised By :Jagrut Upadhyay 06/13/2022

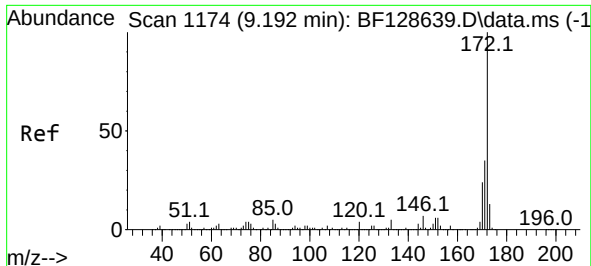


#42  
2,4,6-Tribromophenol  
Concen: 115.490 ng  
RT: 10.639 min Scan# 1420  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49



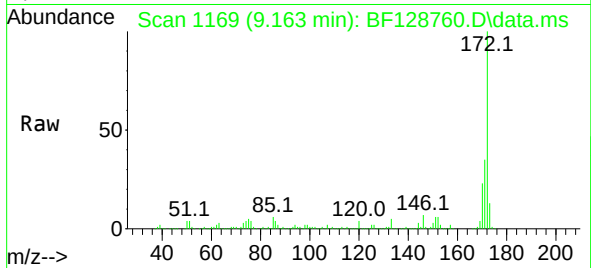
Tgt Ion:330 Resp: 208413  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.8 115.2  
141 33.8 28.0 42.0





#45  
2-Fluorobiphenyl  
Concen: 88.420 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

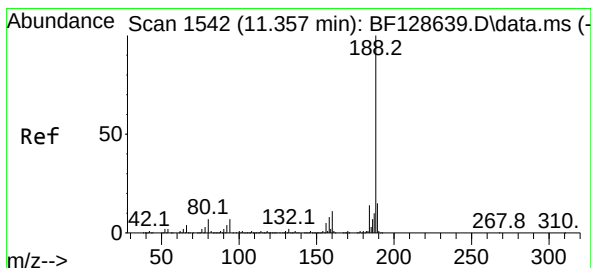
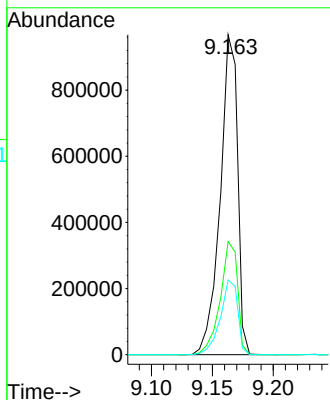
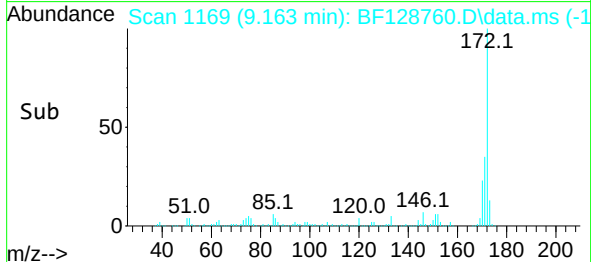
Instrument :  
BNA\_F  
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Tgt Ion:172 Resp: 964058  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 23.4 19.8 29.8

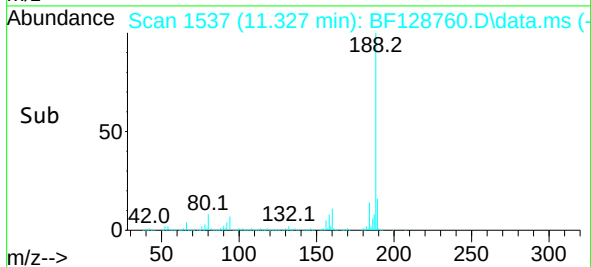
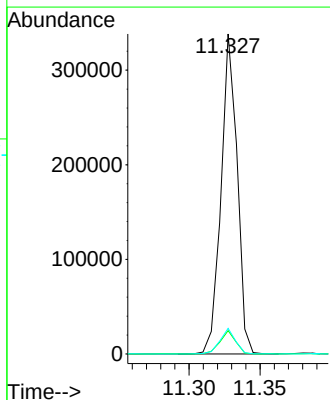
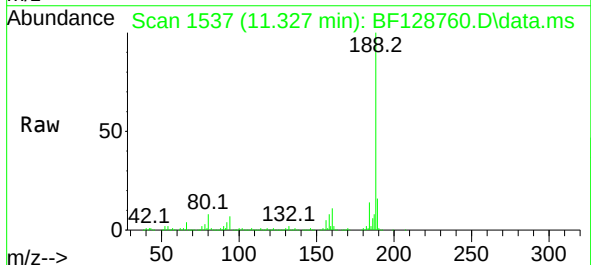
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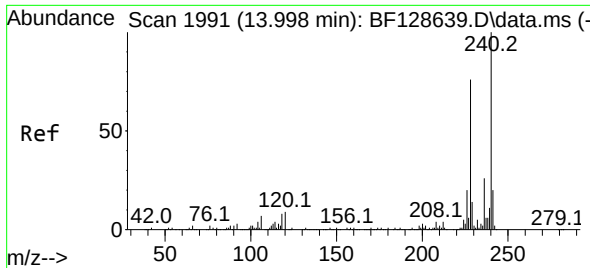
Reviewed By :Christian Giraldo 06/13/2022  
Supervised By :Jagrut Upadhyay 06/13/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1537  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

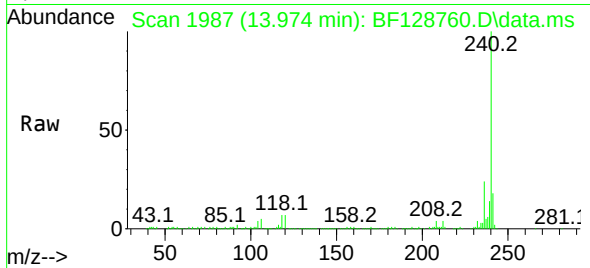
Tgt Ion:188 Resp: 266098  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.0 10.6  
80 8.0 7.6 11.4





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 1991  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

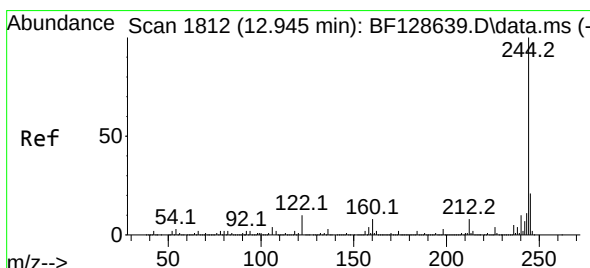
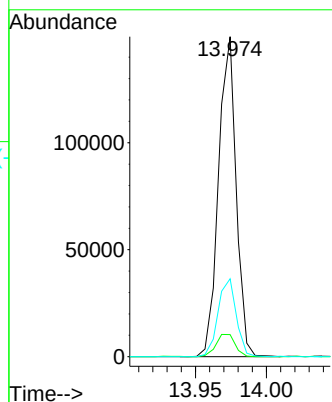
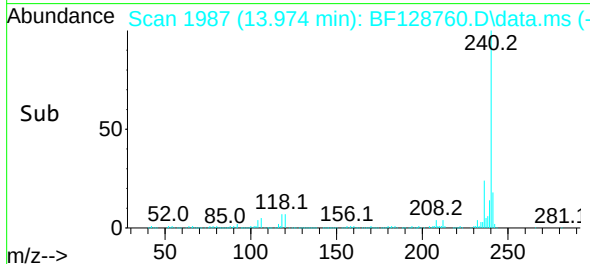
Instrument :  
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Tgt Ion:240 Resp: 128791  
Ion Ratio Lower Upper  
240 100  
120 6.9 8.9 13.3  
236 24.4 20.8 31.2

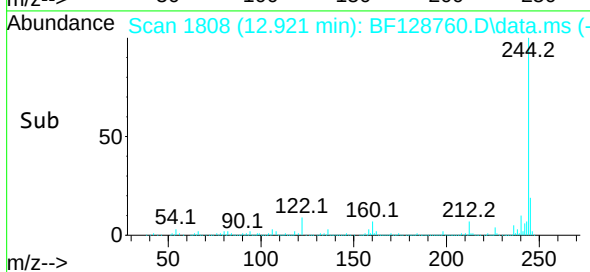
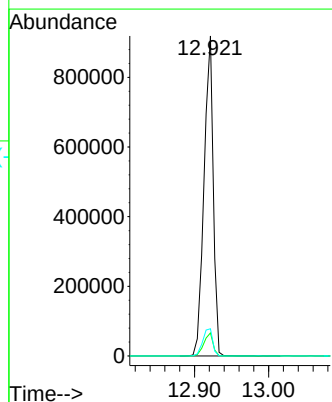
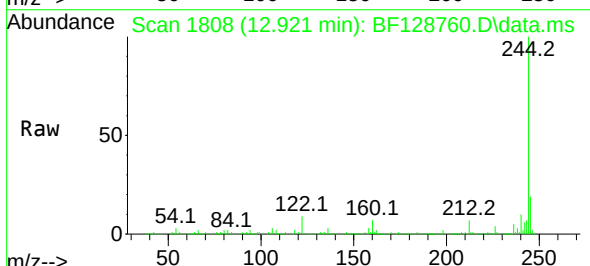
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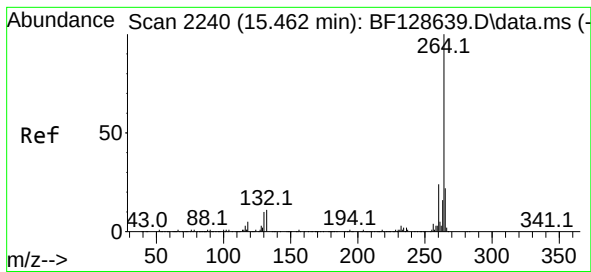


#79  
Terphenyl-d14  
Concen: 107.349 ng  
RT: 12.921 min Scan# 1808  
Delta R.T. -0.012 min  
Lab File: BF128760.D  
Acq: 10 Jun 2022 15:49

Tgt Ion:244 Resp: 795654  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.1 9.1  
122 8.5 8.8 13.2

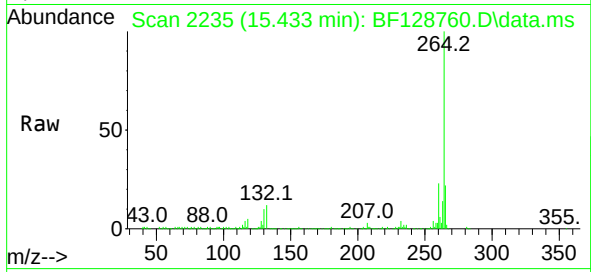






#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.433 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF128760.D  
 Acq: 10 Jun 2022 15:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3



Tgt Ion:264 Resp: 145927  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.4 27.6  
 265 21.8 17.2 25.8

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