

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060822\  
 Data File : BM035441.D  
 Acq On : 08 Jun 2022 22:06  
 Operator : CG/JU  
 Sample : N3202-03DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-27DL

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 06/09/2022  
 Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 00:51:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 14:28:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.839  | 152  | 220991   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.633 | 136  | 823142   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.474 | 164  | 526199   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.221 | 188  | 1089887  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.409 | 240  | 1019186  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.762 | 264  | 1101056  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 107461   | 10.218 | ng    | 0.00     |
| 7) Phenol-d6                | 7.034  | 99   | 77997    | 5.429  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.998  | 82   | 179100   | 13.816 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 143614   | 17.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.098 | 172  | 561453   | 15.325 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.850 | 244  | 782405   | 15.294 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 20) 3+4-Methylphenols       | 8.633  | 107  | 41657    | 2.843  | ng    | 93       |
| 27) 2,4-Dimethylphenol      | 9.857  | 122  | 142505m  | 13.985 | ng    |          |
| 31) Naphthalene             | 10.686 | 128  | 1140845  | 28.604 | ng    | 100      |
| 37) 2-Methylnaphthalene     | 12.298 | 142  | 199909   | 6.643  | ng    | 96       |
| 38) 1-Methylnaphthalene     | 12.521 | 142  | 97340    | 3.300  | ng    | # 98     |
| -----                       |        |      |          |        |       |          |

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

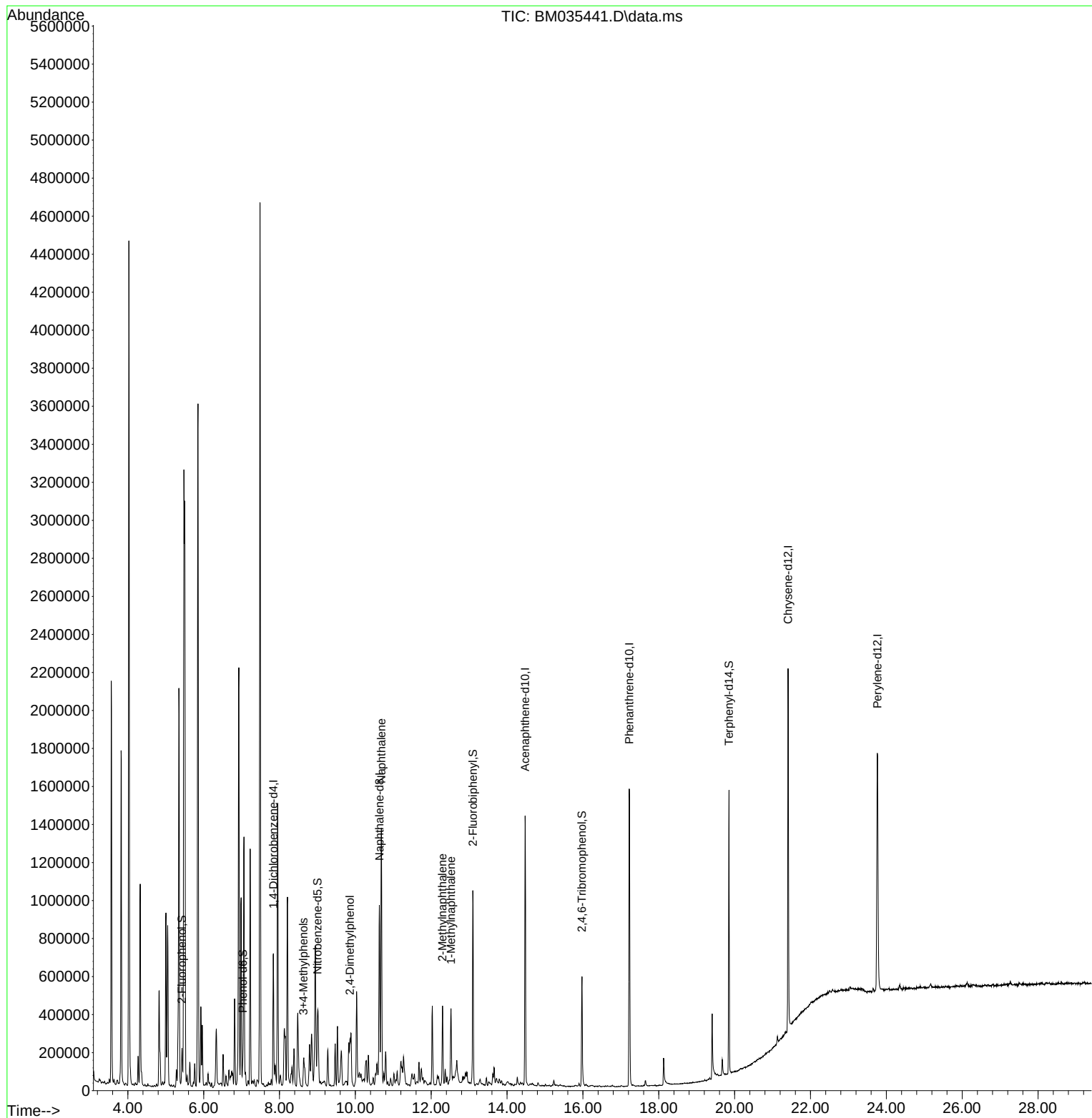
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060822\  
Data File : BM035441.D  
Acq On : 08 Jun 2022 22:06  
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

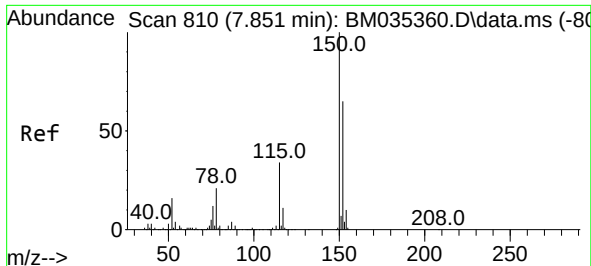
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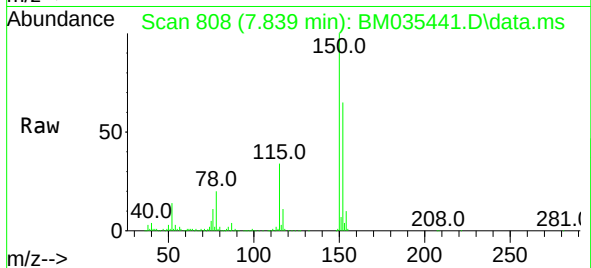
Quant Time: Jun 09 00:51:45 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 07 14:28:07 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.839 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

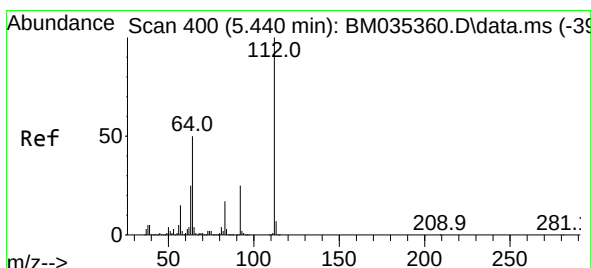
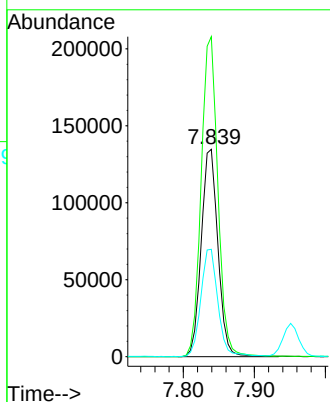
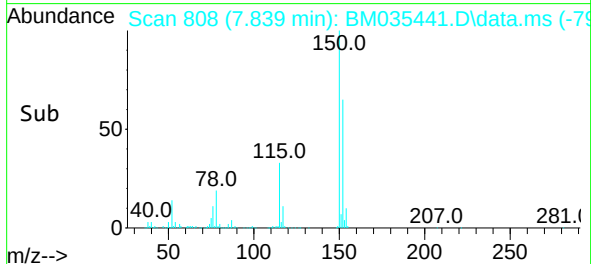
Instrument :  
BNA\_M  
ClientSampleId :  
MW-27DL



Tgt Ion:152 Resp: 22099  
Ion Ratio Lower Upper  
152 100  
150 154.3 124.9 187.3  
115 51.8 47.9 71.9

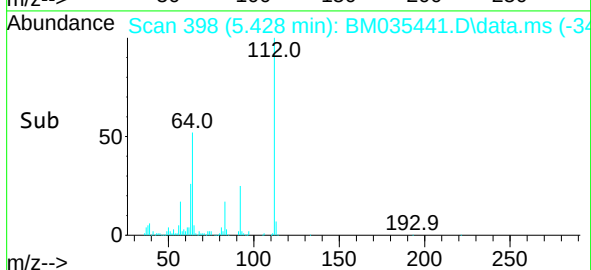
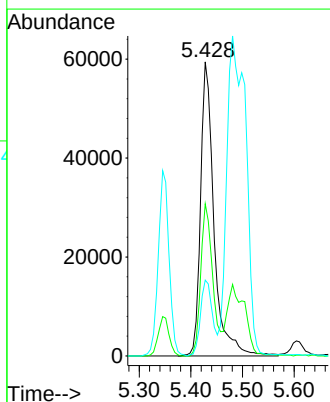
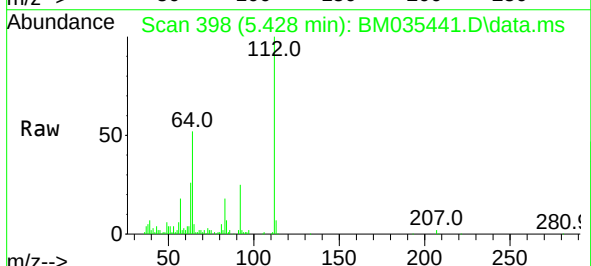
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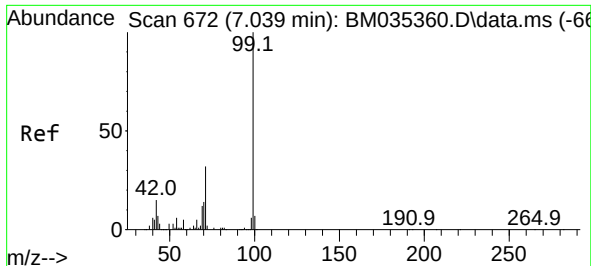
Reviewed By :Christian Giraldo 06/09/2022  
Supervised By :Jagrut Upadhyay 06/09/2022



#5  
2-Fluorophenol  
Concen: 10.218 ng  
RT: 5.428 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

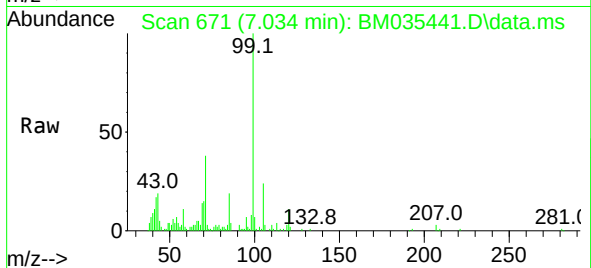
Tgt Ion:112 Resp: 107461  
Ion Ratio Lower Upper  
112 100  
64 51.7 47.8 71.6  
63 25.8 26.6 40.0#





#7  
Phenol-d6  
Concen: 5.429 ng  
RT: 7.034 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

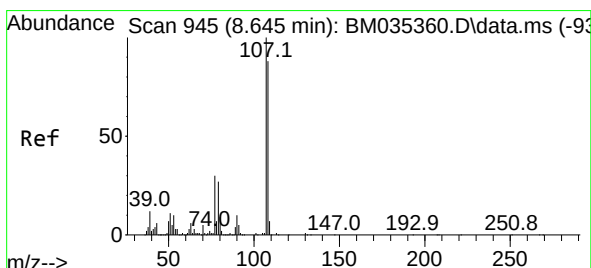
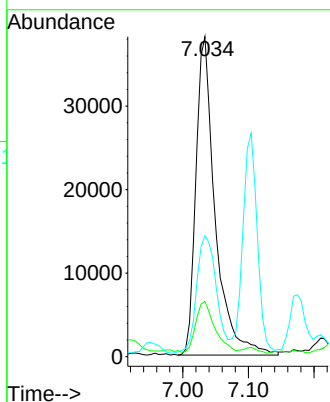
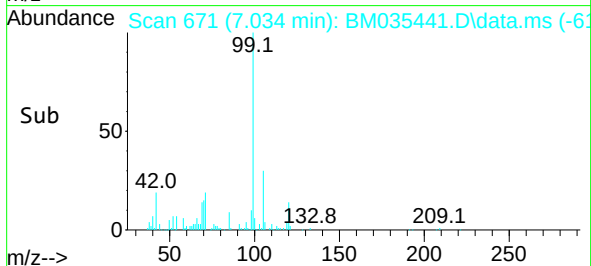
Instrument :  
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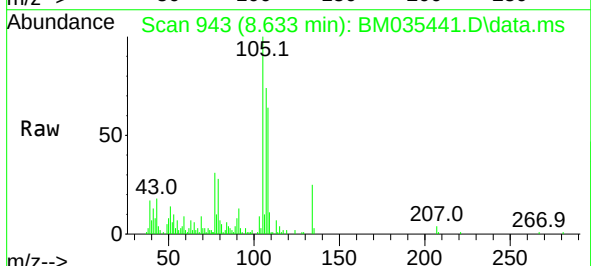
Tgt Ion: 99 Resp: 7799  
Ion Ratio Lower Upper  
99 100  
42 17.2 18.8 28.2  
71 37.8 30.2 45.2

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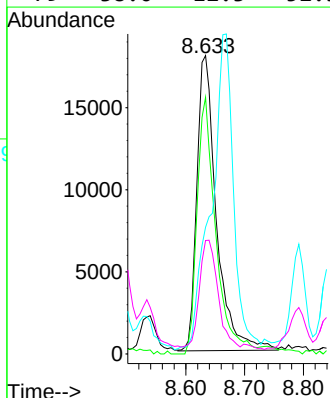
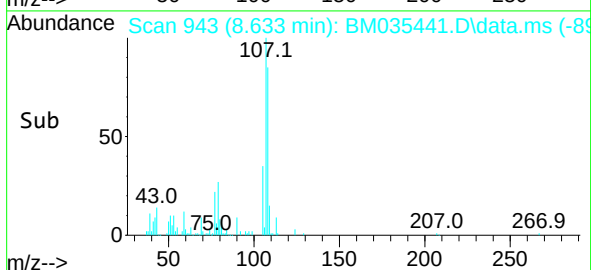
Reviewed By :Christian Giraldo 06/09/2022  
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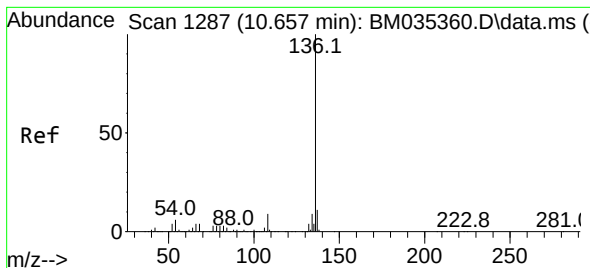


#20  
3+4-Methylphenols  
Concen: 2.843 ng  
RT: 8.633 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06



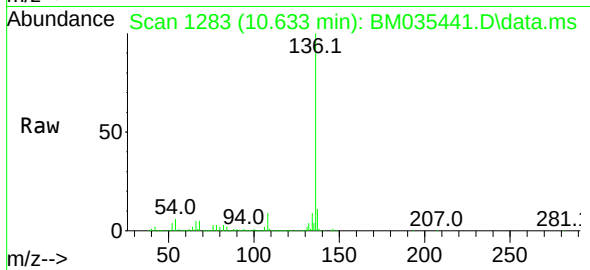
Tgt Ion:107 Resp: 41657  
Ion Ratio Lower Upper  
107 100  
108 86.0 69.3 109.3  
77 42.5 15.8 55.8  
79 38.0 12.3 52.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.633 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

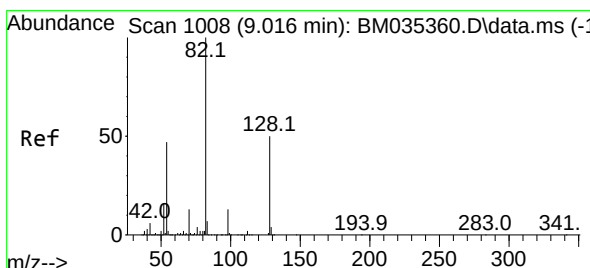
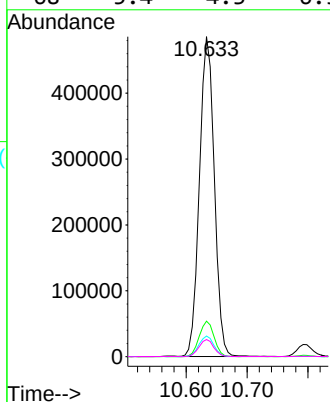
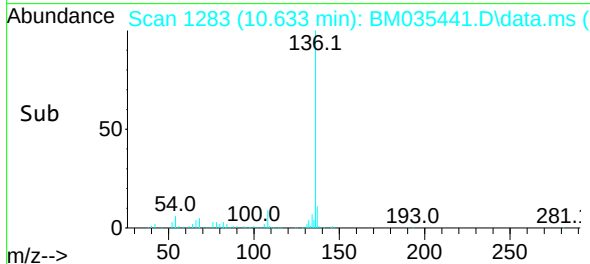
Instrument :  
BNA\_M  
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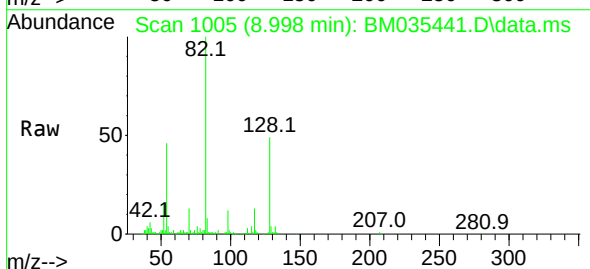
Tgt Ion:136 Resp: 82314  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 6.4 7.0 10.4  
68 5.4 4.3 6.5

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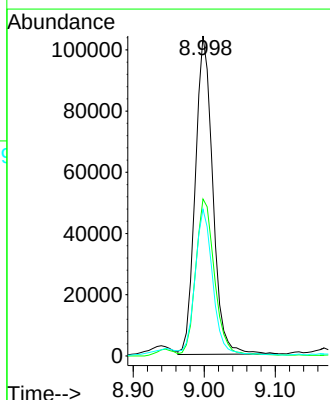
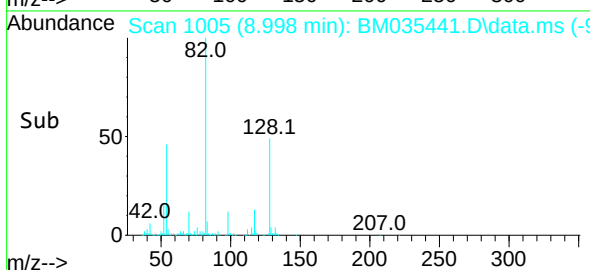
Reviewed By :Christian Giraldo 06/09/2022  
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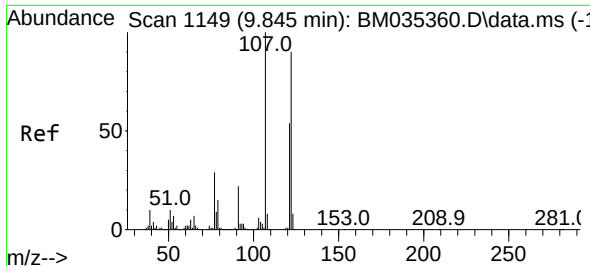


#23  
Nitrobenzene-d5  
Concen: 13.816 ng  
RT: 8.998 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06



Tgt Ion: 82 Resp: 179100  
Ion Ratio Lower Upper  
82 100  
128 49.1 33.7 50.5  
54 45.8 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 13.985 ng m

RT: 9.857 min Scan# 1151

Delta R.T. 0.029 min

Lab File: BM035441.D

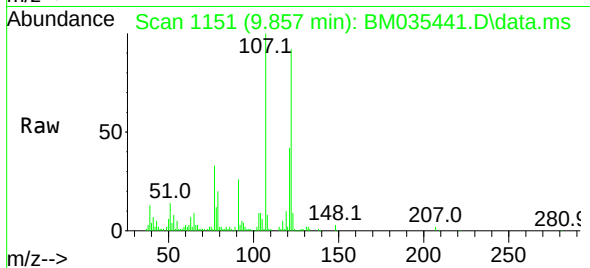
Acq: 08 Jun 2022 22:06

Instrument :

BNA\_M

ClientSampleId :

MW-27DL



Tgt Ion:122 Resp: 14250

Ion Ratio Lower Upper

122 100

107 108.4 92.4 138.6

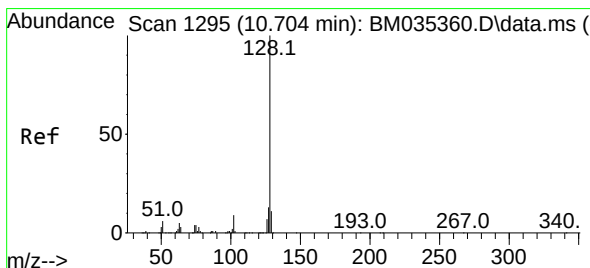
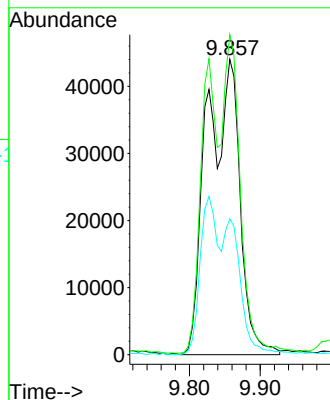
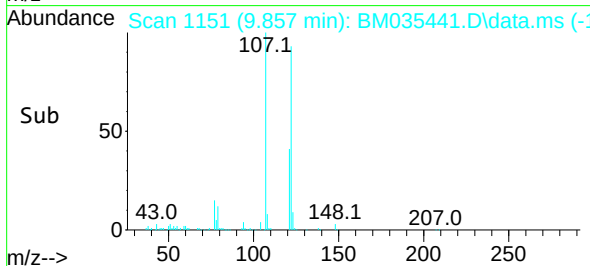
121 46.0 47.4 71.0

Manual Integrations

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#31

Naphthalene

Concen: 28.604 ng

RT: 10.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BM035441.D

Acq: 08 Jun 2022 22:06

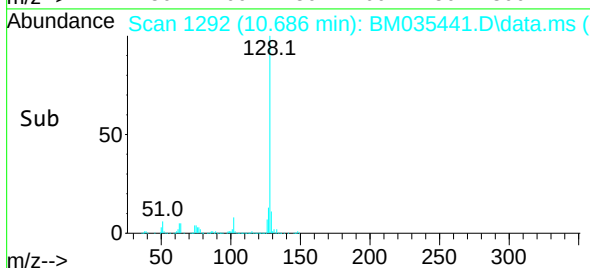
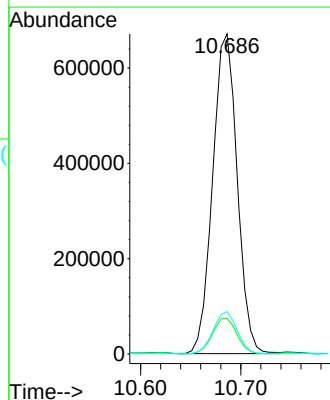
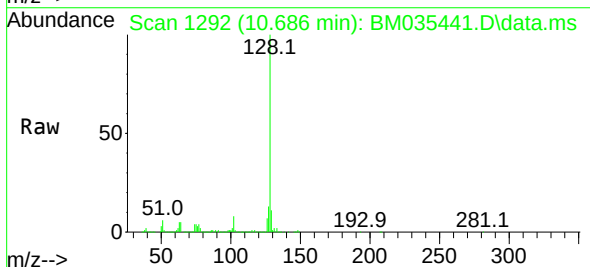
Tgt Ion:128 Resp: 1140845

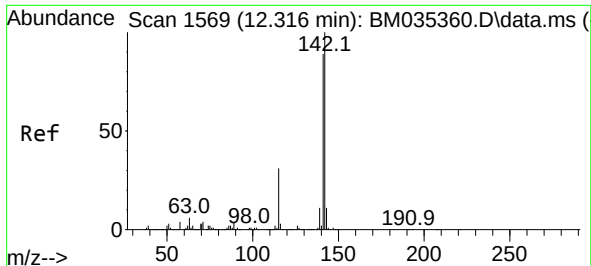
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

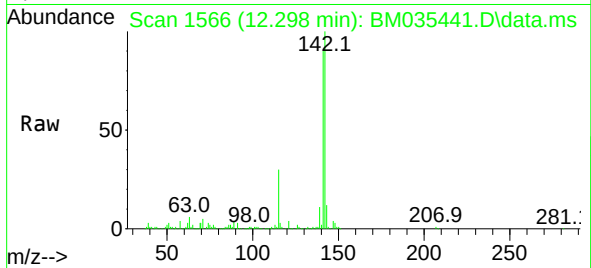
127 13.2 10.6 16.0





#37  
2-Methylnaphthalene  
Concen: 6.643 ng  
RT: 12.298 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

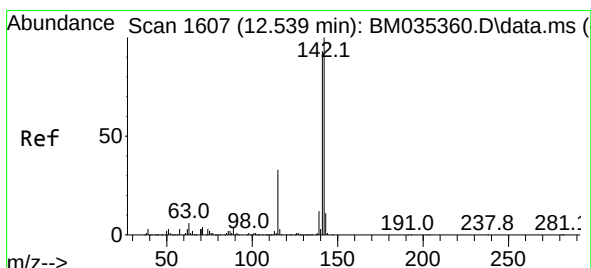
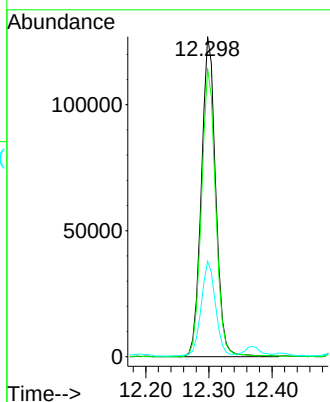
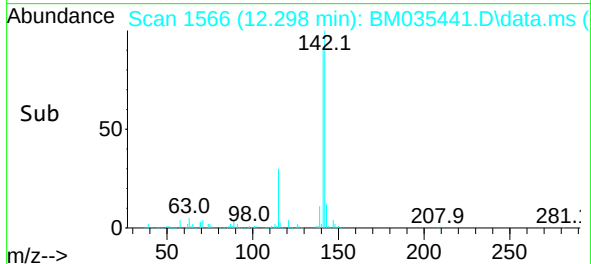
Instrument :  
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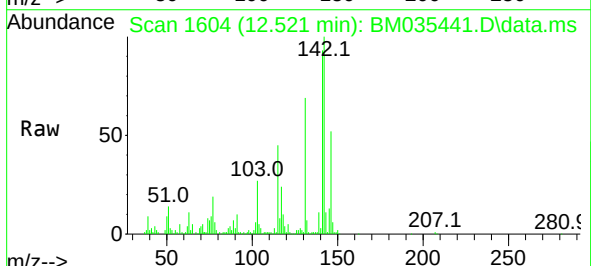
Tgt Ion:142 Resp: 199909  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.4 108.6  
115 29.8 29.6 44.4

Manual Integrations  
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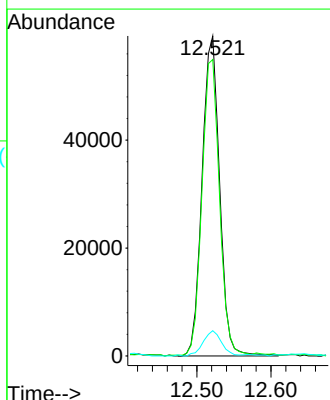
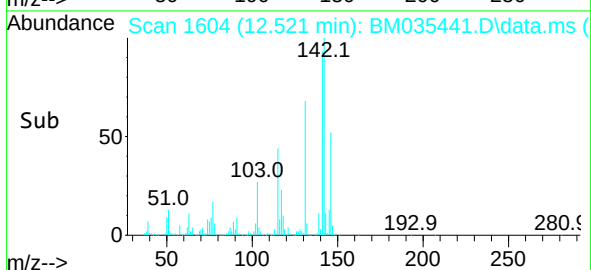
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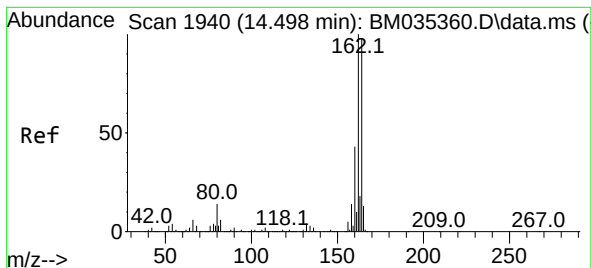


#38  
1-Methylnaphthalene  
Concen: 3.300 ng  
RT: 12.521 min Scan# 1604  
Delta R.T. -0.000 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06



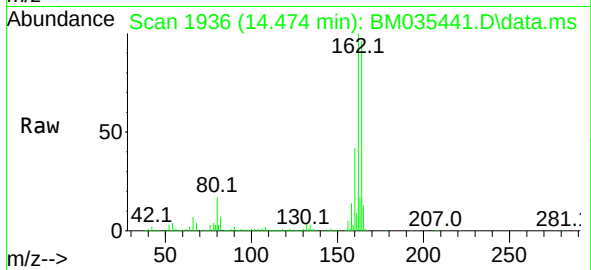
Tgt Ion:142 Resp: 97340  
Ion Ratio Lower Upper  
142 100  
141 92.7 75.0 112.4  
116 7.9 3.4 5.2#





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.474 min Scan# 1940  
Delta R.T. -0.012 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

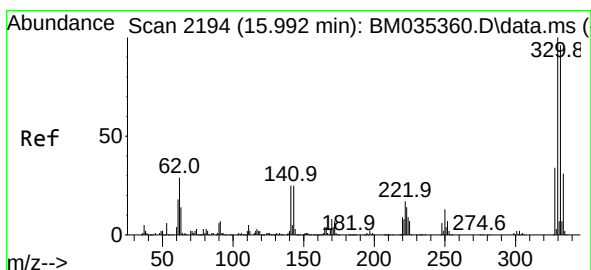
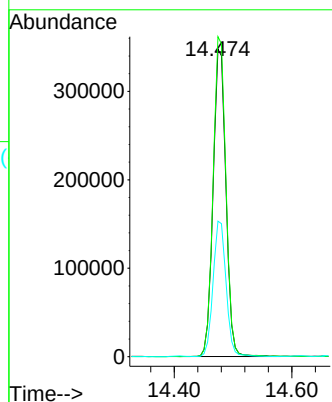
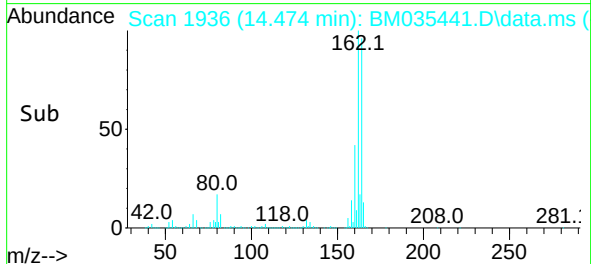
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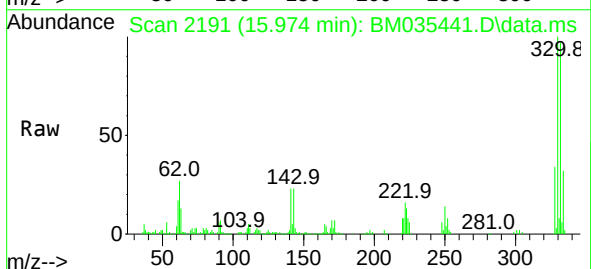
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Ion Ratio Lower Upper  
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162 104.1 83.0 124.6  
160 44.1 37.0 55.4

Manual Integrations  
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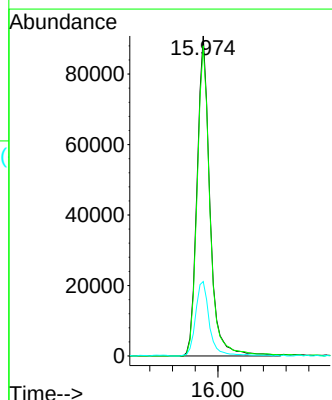
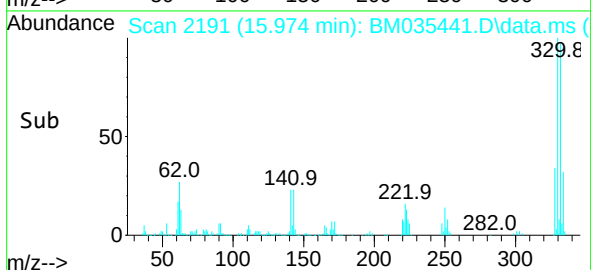
Reviewed By :Christian Giraldo 06/09/2022  
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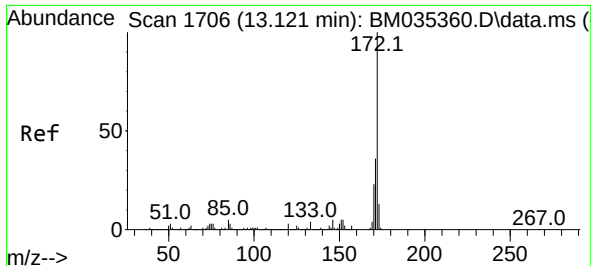
#42  
2,4,6-Tribromophenol  
Concen: 17.010 ng  
RT: 15.974 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06



Tgt Ion:330 Resp: 143614  
Ion Ratio Lower Upper  
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332 97.2 77.0 115.4  
141 25.1 35.3 52.9#

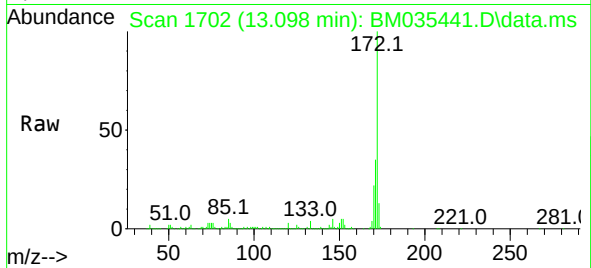






#45  
2-Fluorobiphenyl  
Concen: 15.325 ng  
RT: 13.098 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

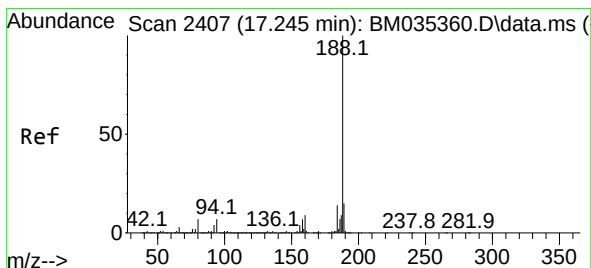
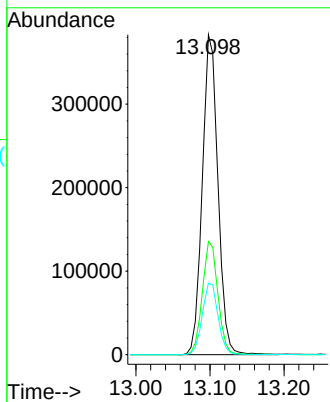
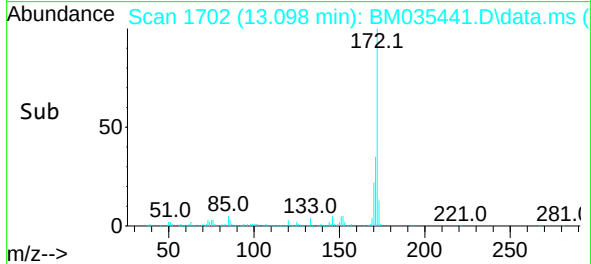
Instrument :  
BNA\_M  
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MW-27DL



Tgt Ion:172 Resp: 56145  
Ion Ratio Lower Upper  
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170 22.4 18.7 28.1

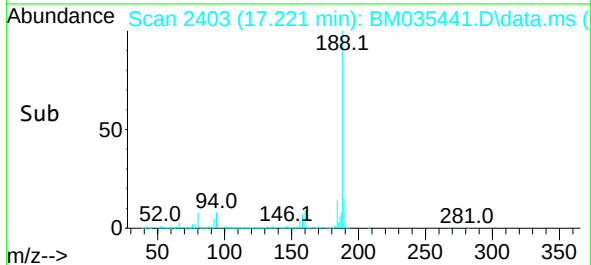
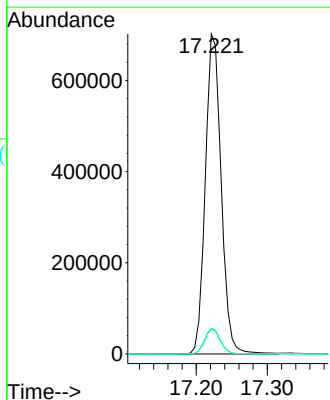
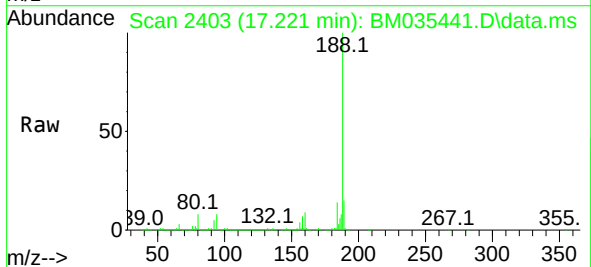
Manual Integrations  
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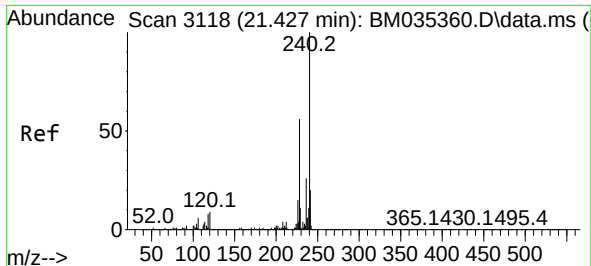
Reviewed By :Christian Giraldo 06/09/2022  
Supervised By :Jagrut Upadhyay 06/09/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2403  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

Tgt Ion:188 Resp: 1089887  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.0 10.4  
80 8.0 7.6 11.4





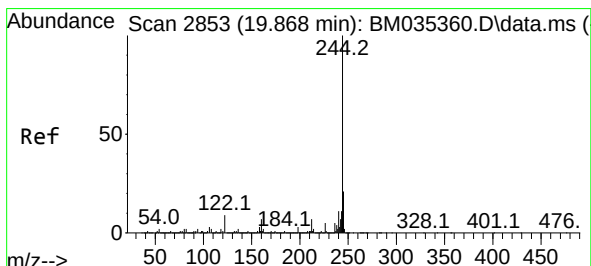
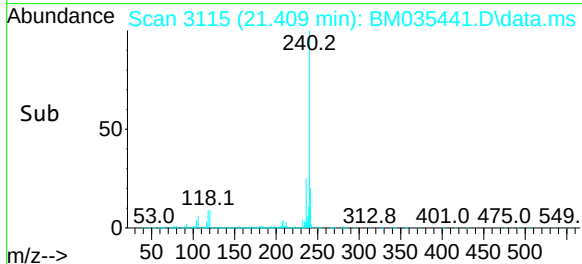
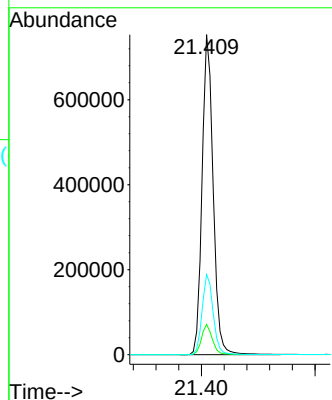
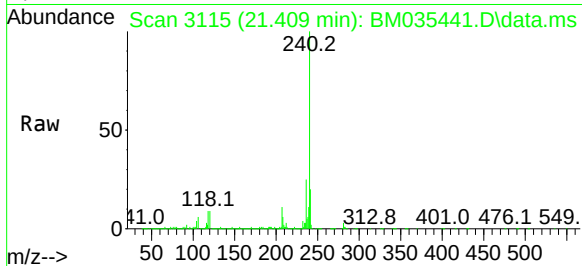
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.409 min Scan# 3118  
Delta R.T. -0.012 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
MW-27DL

Tgt Ion:240 Resp: 1019180  
Ion Ratio Lower Upper  
240 100  
120 9.4 9.4 14.0  
236 25.1 20.6 30.8

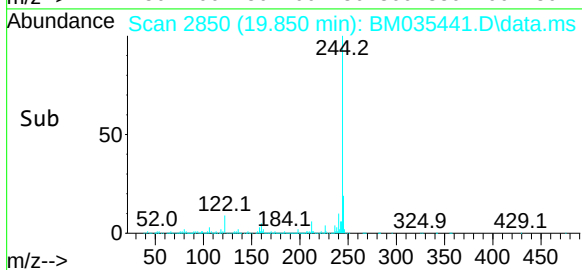
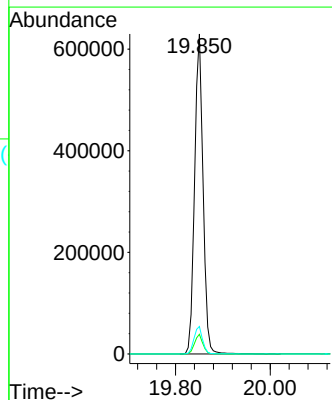
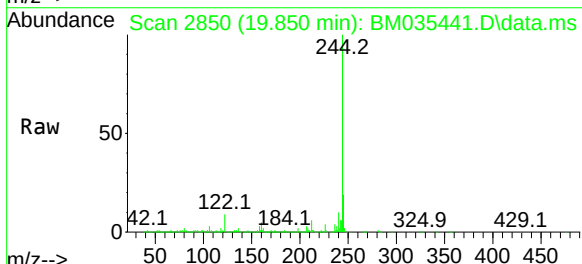
Manual Integrations  
APPROVED

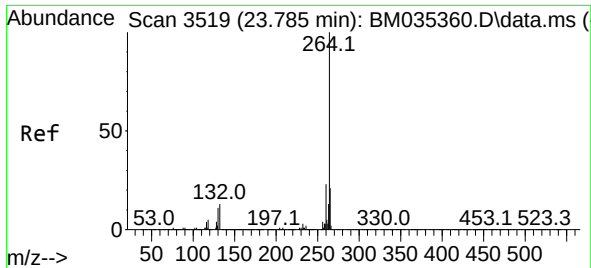
Reviewed By :Christian Giraldo 06/09/2022  
Supervised By :Jagrut Upadhyay 06/09/2022



#79  
Terphenyl-d14  
Concen: 15.294 ng  
RT: 19.850 min Scan# 2850  
Delta R.T. -0.006 min  
Lab File: BM035441.D  
Acq: 08 Jun 2022 22:06

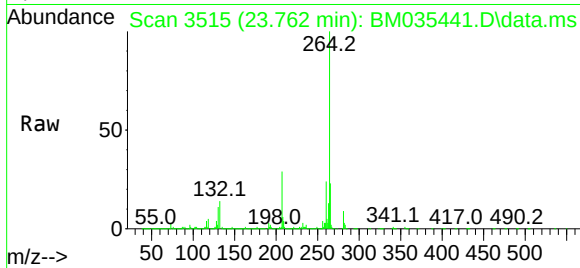
Tgt Ion:244 Resp: 782405  
Ion Ratio Lower Upper  
244 100  
212 6.2 6.2 9.4#  
122 8.6 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.762 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BM035441.D  
 Acq: 08 Jun 2022 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-27DL



Tgt Ion:264 Resp: 1101050  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 22.7 17.5 26.3

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 06/09/2022  
 Supervised By :Jagrut Upadhyay 06/09/2022

