

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052322\  
 Data File : BG053667.D  
 Acq On : 23 May 2022 16:49  
 Operator : CG/JU  
 Sample : N2968-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-25

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022  
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 05:09:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 24 05:05:32 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.058  | 152  | 31738    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.872 | 136  | 133412   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.684 | 164  | 100777   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.434 | 188  | 230797   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.710 | 240  | 220674   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.970 | 264  | 220397   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.632  | 112  | 102522   | 54.822  | ng    | 0.00     |
| 7) Phenol-d6                | 7.230  | 99   | 95309    | 33.581  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.227  | 82   | 279511   | 89.185  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.177 | 330  | 198209   | 133.353 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.310 | 172  | 640214   | 92.832  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.042 | 244  | 1041999  | 87.944  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.925 | 128  | 1381346  | 203.548 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.523 | 142  | 141618   | 27.963  | ng    | 100      |
| 38) 1-Methylnaphthalene     | 12.740 | 142  | 252311m  | 51.062  | ng    |          |
| -----                       |        |      |          |         |       |          |

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

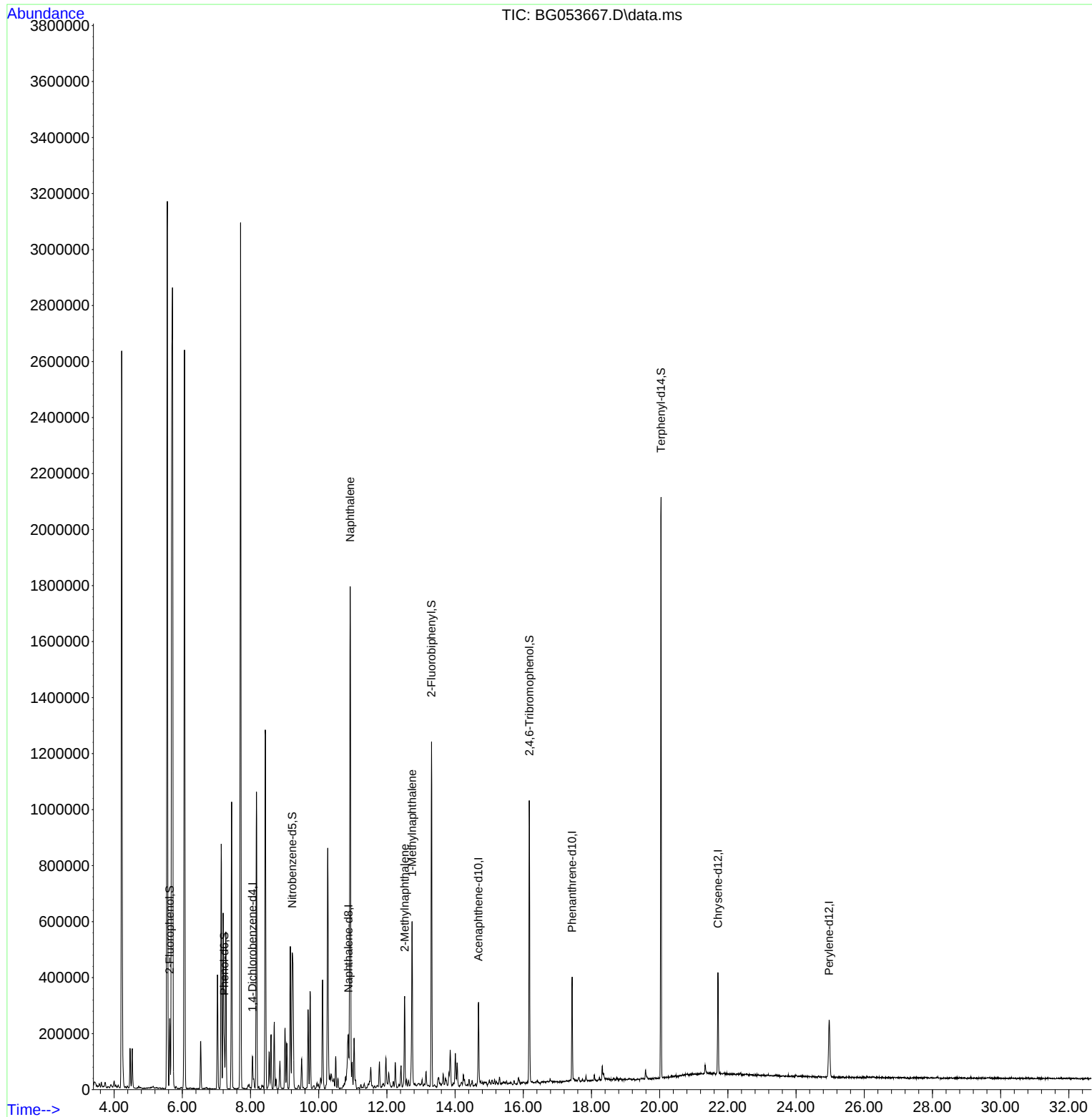
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052322\  
Data File : BG053667.D  
Acq On : 23 May 2022 16:49  
Operator : CG/JU  
Sample : N2968-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

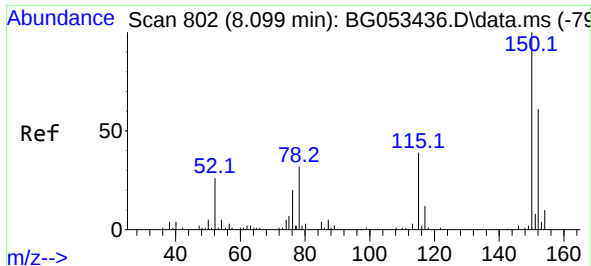
Instrument :  
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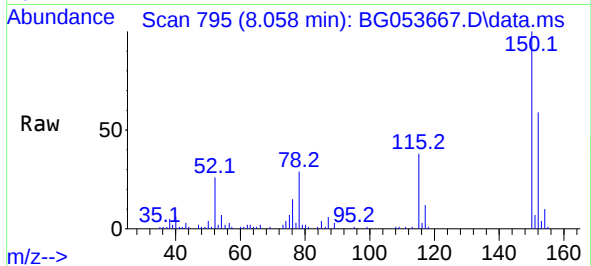
Quant Time: May 24 05:09:37 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 24 05:05:32 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.058 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

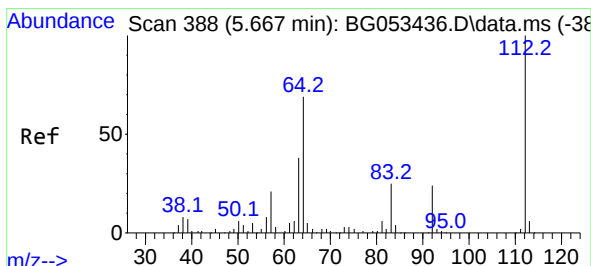
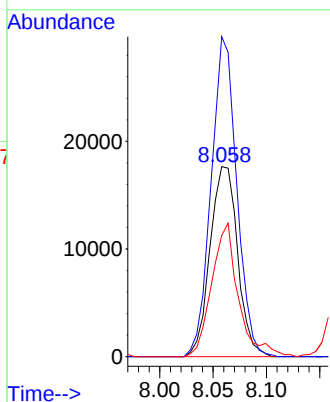
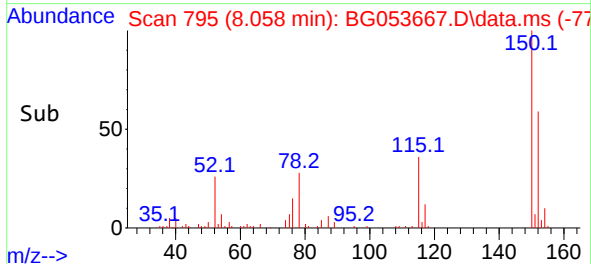
Instrument :  
BNA\_G  
ClientSampleId :  
MW-25



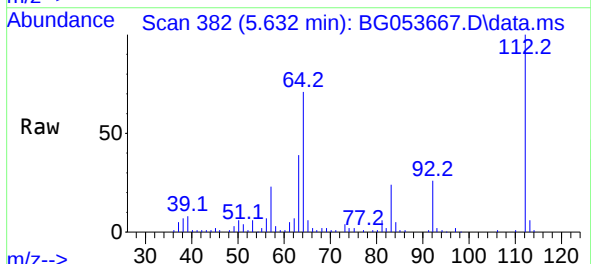
Tgt Ion:152 Resp: 31738  
Ion Ratio Lower Upper  
152 100  
150 168.3 131.6 197.4  
115 63.8 50.9 76.3

Manual Integrations  
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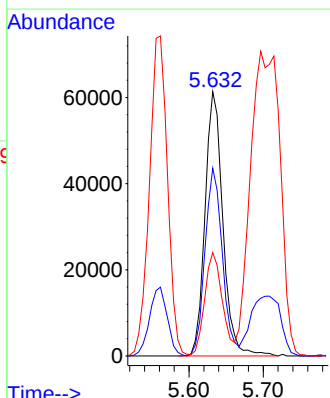
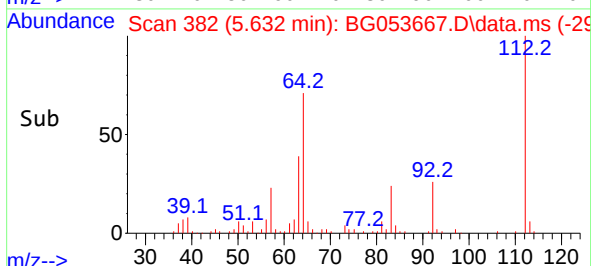
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

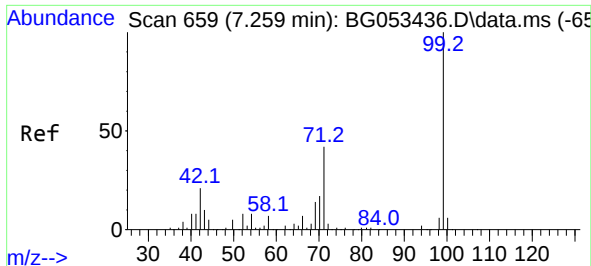


#5  
2-Fluorophenol  
Concen: 54.822 ng  
RT: 5.632 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



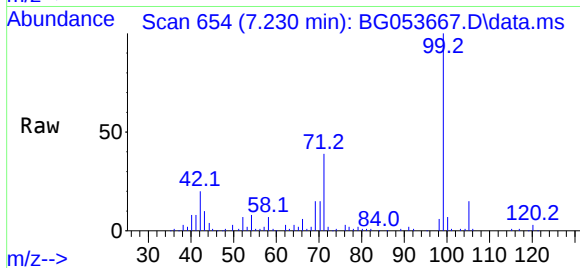
Tgt Ion:112 Resp: 102522  
Ion Ratio Lower Upper  
112 100  
64 71.0 55.1 82.7  
63 39.1 30.4 45.6





#7  
Phenol-d6  
Concen: 33.581 ng  
RT: 7.230 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

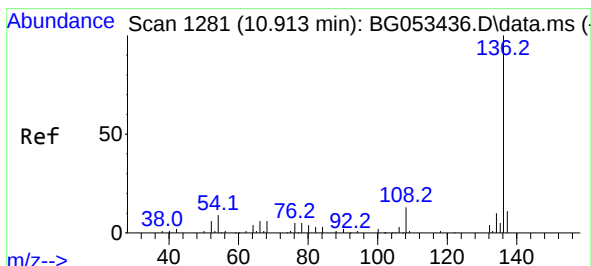
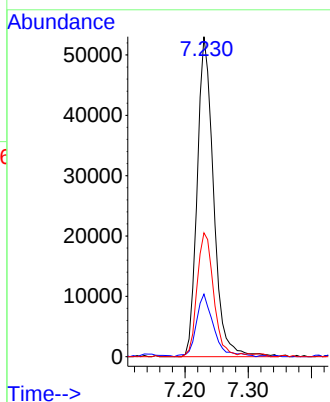
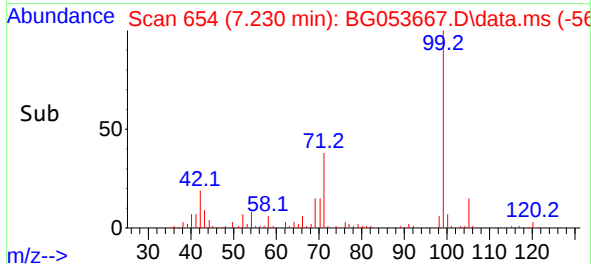
Instrument :  
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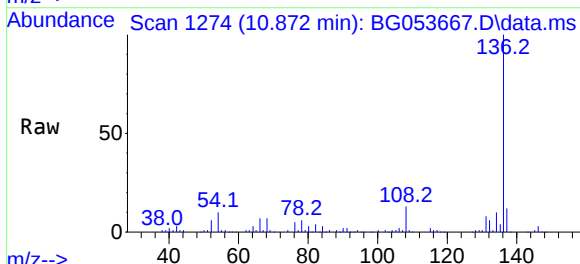
Tgt Ion: 99 Resp: 95309  
Ion Ratio Lower Upper  
99 100  
42 19.6 17.0 25.6  
71 38.7 33.8 50.8

Manual Integrations  
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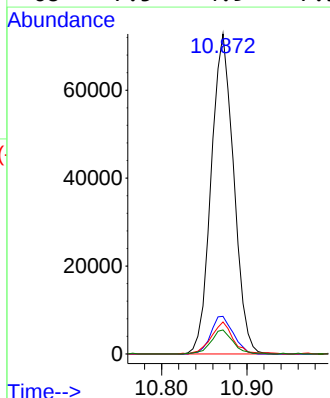
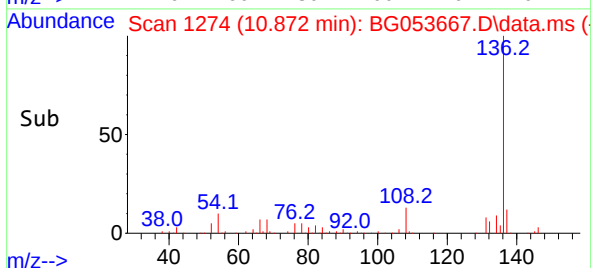
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

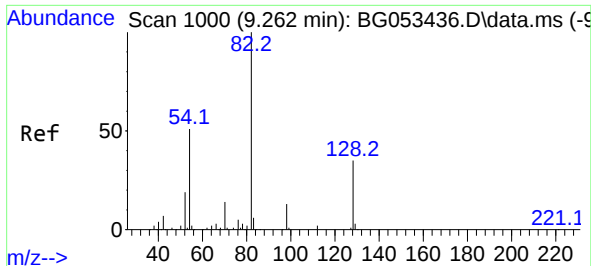


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.872 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



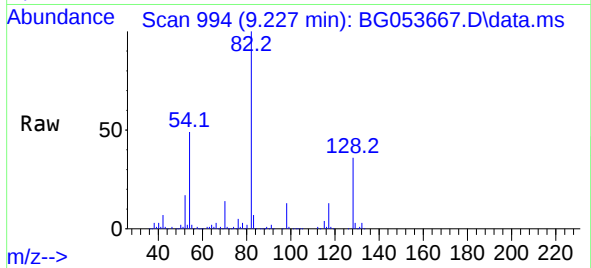
Tgt Ion:136 Resp: 133412  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.5 12.7  
54 10.0 7.4 11.2  
68 7.5 4.9 7.3#





#23  
Nitrobenzene-d5  
Concen: 89.185 ng  
RT: 9.227 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

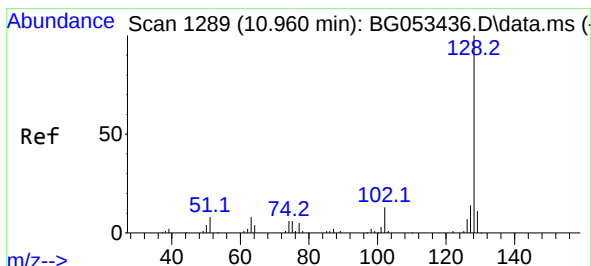
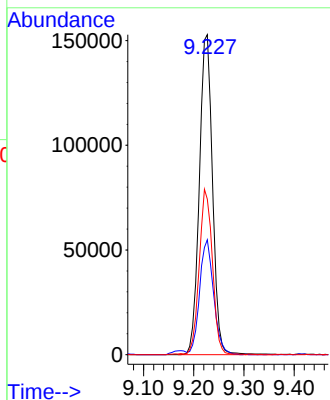
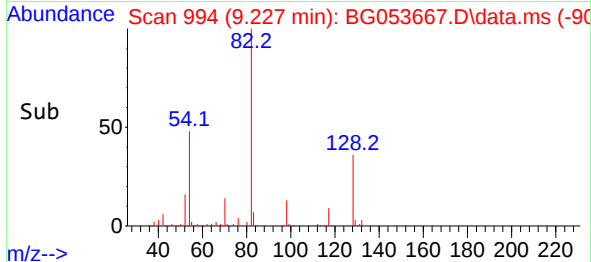
Instrument :  
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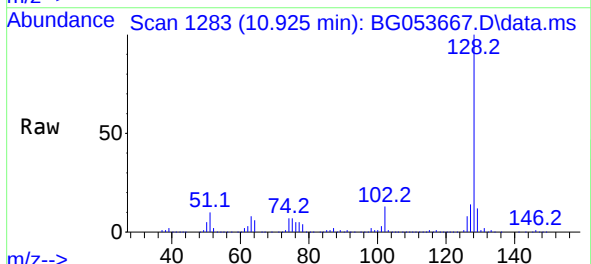
Tgt Ion: 82 Resp: 27951  
Ion Ratio Lower Upper  
82 100  
128 35.9 27.9 41.9  
54 48.6 41.2 61.8

Manual Integrations  
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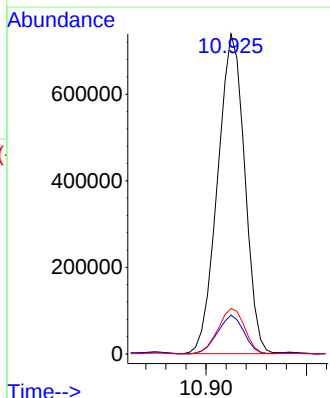
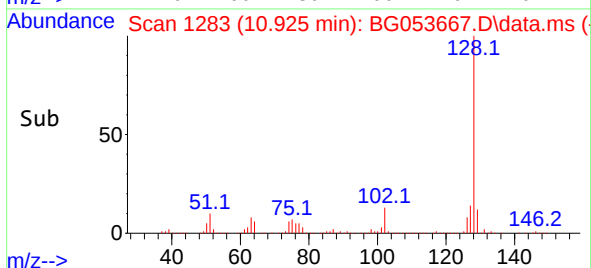
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

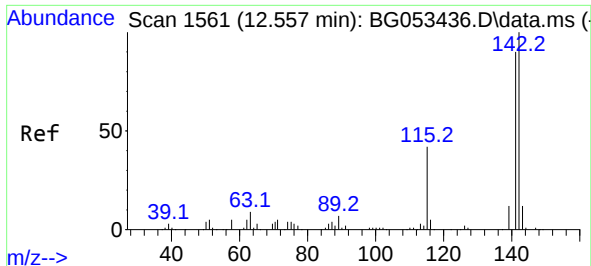


#31  
Naphthalene  
Concen: 203.548 ng  
RT: 10.925 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



Tgt Ion:128 Resp: 1381346  
Ion Ratio Lower Upper  
128 100  
129 12.1 9.0 13.6  
127 14.2 11.1 16.7





#37

2-Methylnaphthalene

Concen: 27.963 ng

RT: 12.523 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BG053667.D

Acq: 23 May 2022 16:49

Instrument :

BNA\_G

ClientSampleId :

MW-25

Tgt Ion:142 Resp: 141618

Ion Ratio Lower Upper

142 100

141 90.1 72.3 108.5

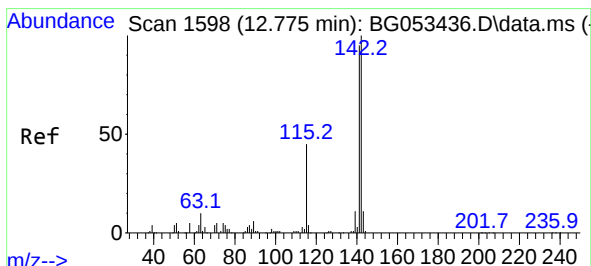
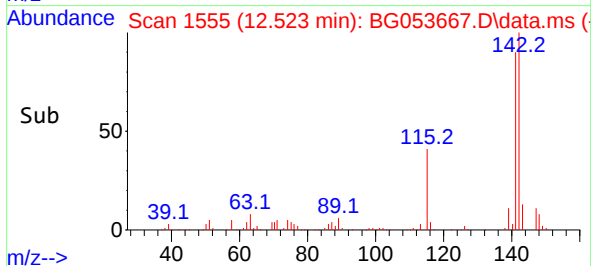
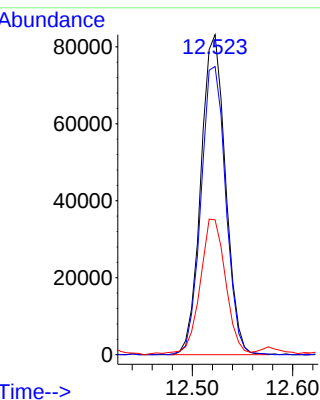
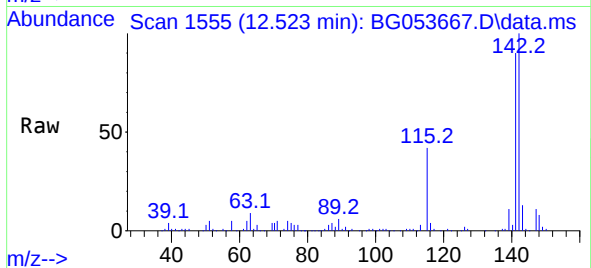
115 42.1 33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2022

Supervised By :Jagrut Upadhyay 05/24/2022



#38

1-Methylnaphthalene

Concen: 51.062 ng m

RT: 12.740 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BG053667.D

Acq: 23 May 2022 16:49

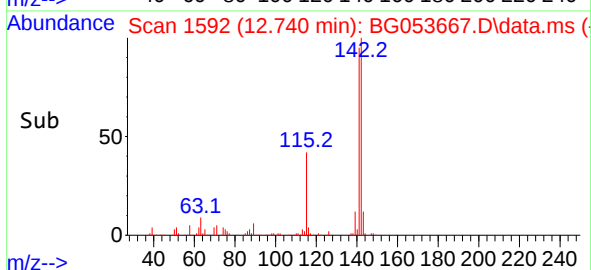
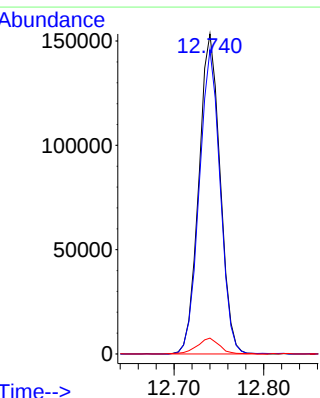
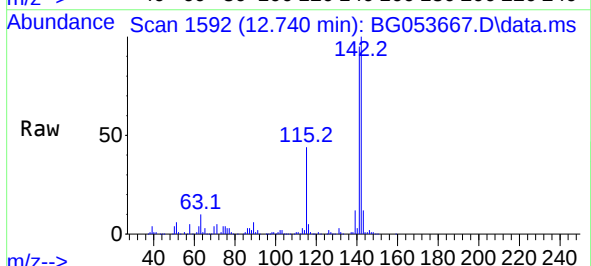
Tgt Ion:142 Resp: 252311

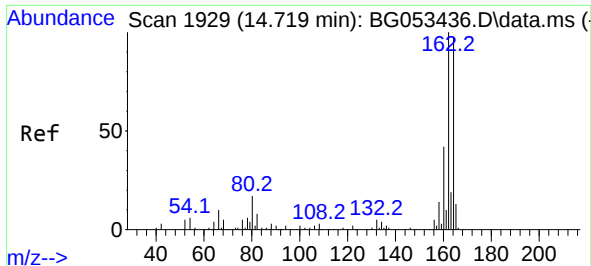
Ion Ratio Lower Upper

142 100

141 95.1 76.4 114.6

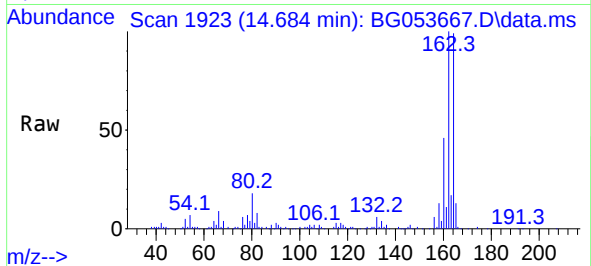
116 5.0 3.3 4.9#





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.684 min Scan# 1929  
Delta R.T. -0.005 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

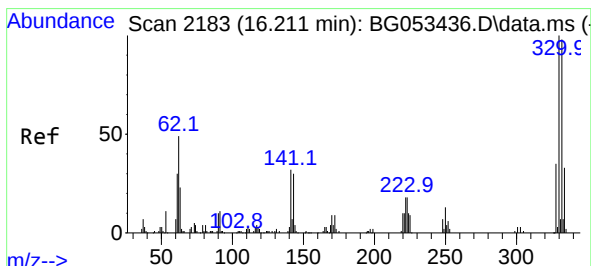
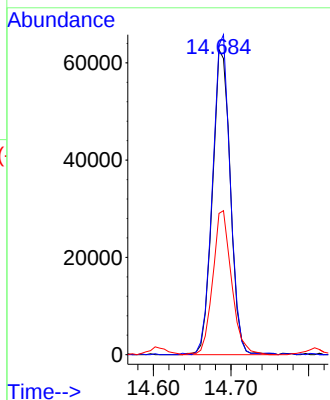
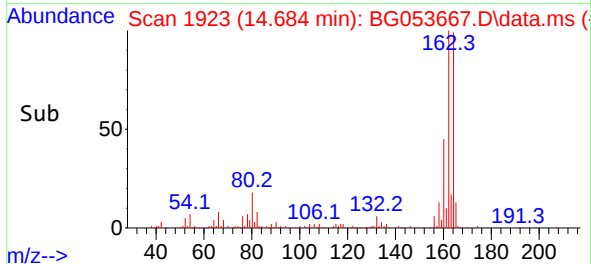
Instrument :  
BNA\_G  
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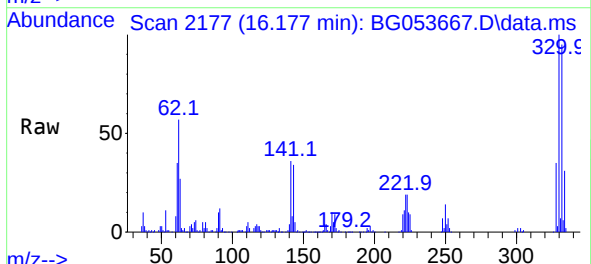
Tgt Ion:164 Resp: 10077  
Ion Ratio Lower Upper  
164 100  
162 101.5 82.3 123.5  
160 46.3 34.2 51.2

Manual Integrations  
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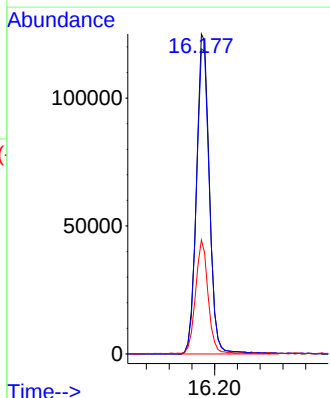
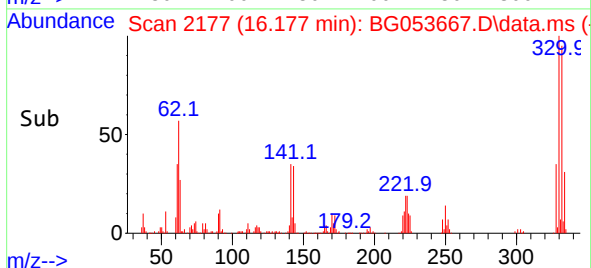
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

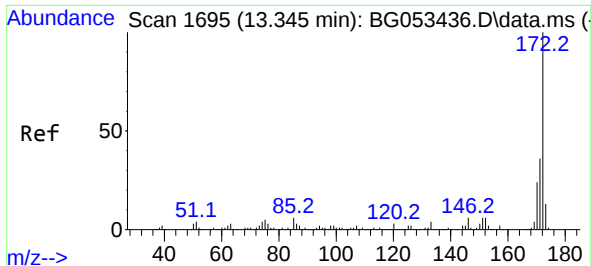


#42  
2,4,6-Tribromophenol  
Concen: 133.353 ng  
RT: 16.177 min Scan# 2177  
Delta R.T. -0.005 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



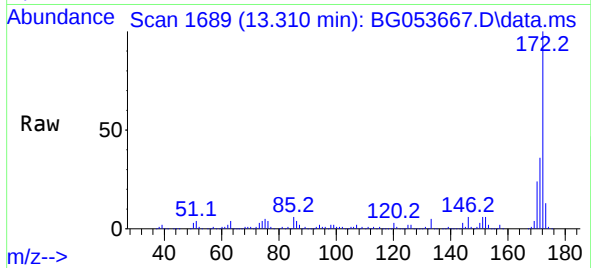
Tgt Ion:330 Resp: 198209  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.0 114.0  
141 34.1 27.1 40.7





#45  
2-Fluorobiphenyl  
Concen: 92.832 ng  
RT: 13.310 min Scan# 1689  
Delta R.T. -0.005 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

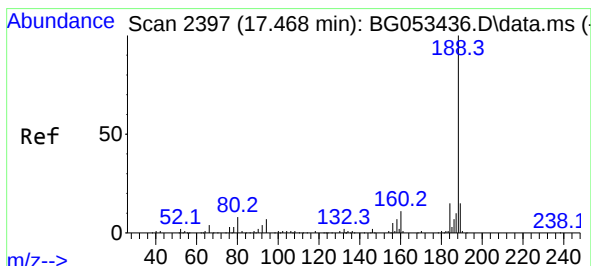
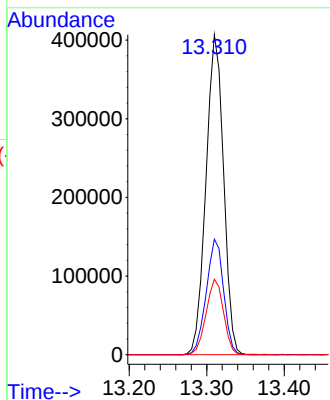
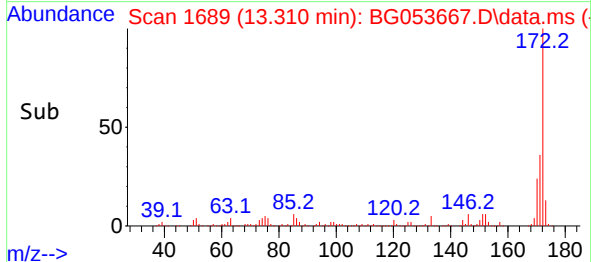
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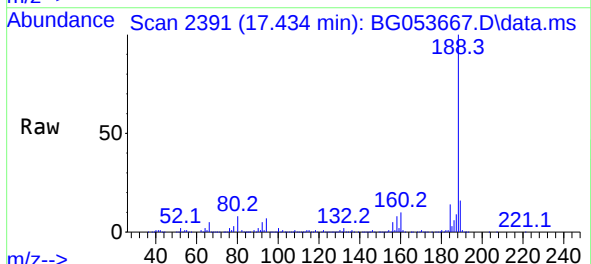
Tgt Ion:172 Resp: 640214  
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171 36.1 28.5 42.7  
170 23.6 18.9 28.3

Manual Integrations  
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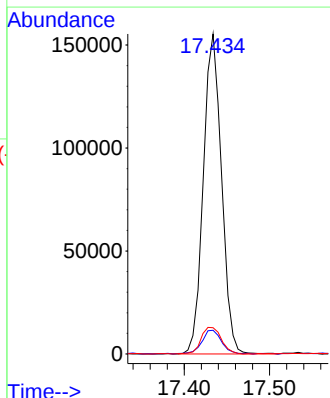
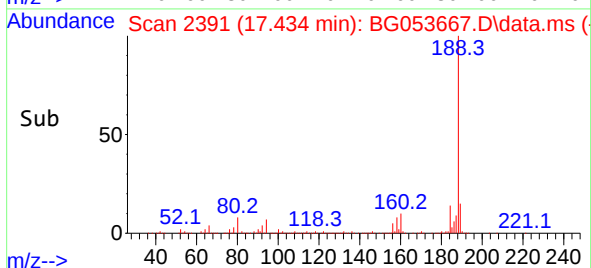
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

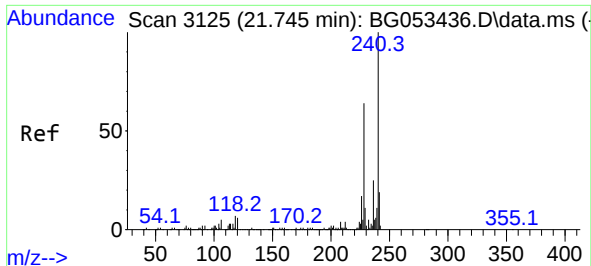


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.434 min Scan# 2391  
Delta R.T. -0.005 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



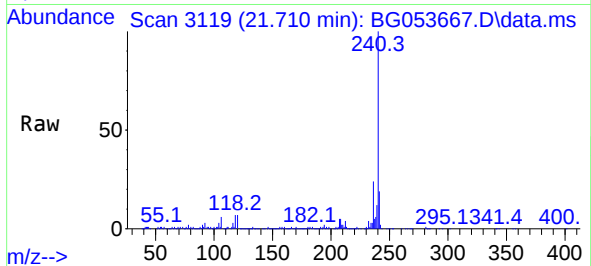
Tgt Ion:188 Resp: 230797  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.4 8.0  
80 8.2 6.8 10.2





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.710 min Scan# 3119  
Delta R.T. -0.005 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49

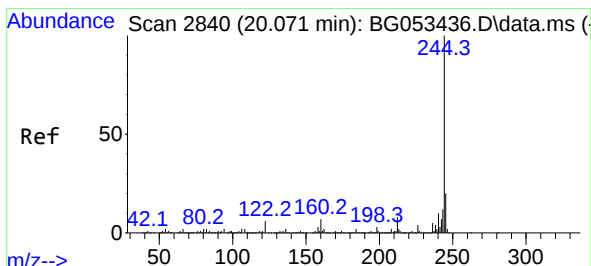
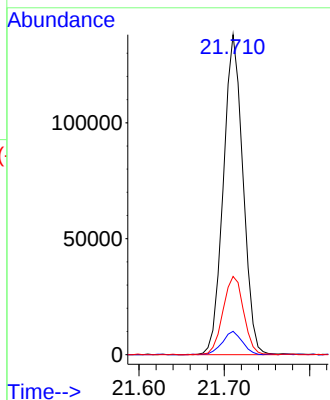
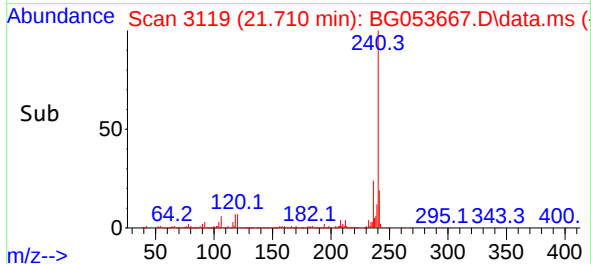
Instrument :  
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ClientSampleId :  
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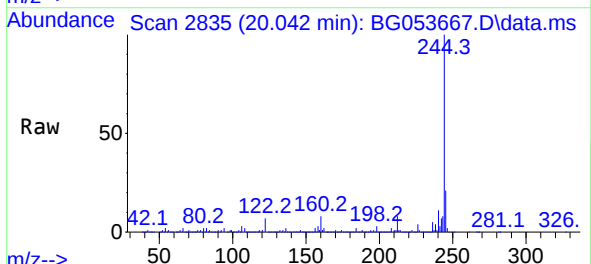
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Ion Ratio Lower Upper  
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120 7.3 4.6 7.0  
236 24.5 20.2 30.4

Manual Integrations  
APPROVED

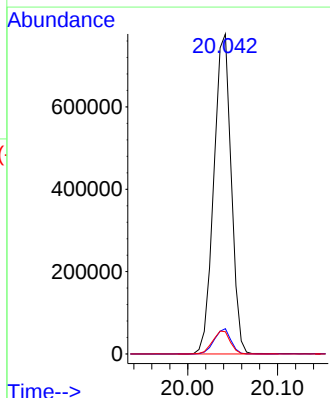
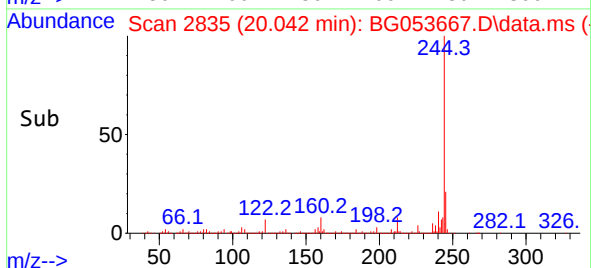
Reviewed By :Christian Giraldo 05/24/2022  
Supervised By :Jagrut Upadhyay 05/24/2022

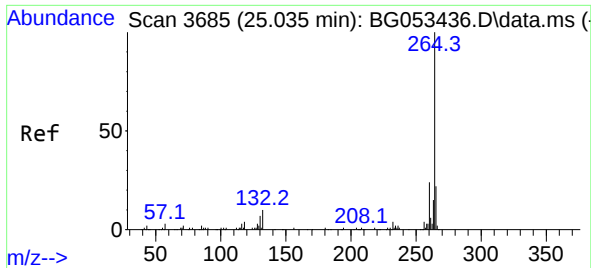


#79  
Terphenyl-d14  
Concen: 87.944 ng  
RT: 20.042 min Scan# 2835  
Delta R.T. 0.000 min  
Lab File: BG053667.D  
Acq: 23 May 2022 16:49



Tgt Ion:244 Resp: 1041999  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.5 9.7  
122 7.0 5.0 7.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.970 min Scan# 30  
 Delta R.T. -0.011 min  
 Lab File: BG053667.D  
 Acq: 23 May 2022 16:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-25

Tgt Ion:264 Resp: 22039  
 Ion Ratio Lower Upper  
 264 100  
 260 21.9 19.0 28.6  
 265 22.1 17.4 26.2

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 05/24/2022  
 Supervised By :Jagrut Upadhyay 05/24/2022

