

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122023\  
 Data File : BG060109.D  
 Acq On : 20 Dec 2023 21:54  
 Operator : MA/JU  
 Sample : 05670-03DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-6ADL

Quant Time: Dec 21 02:42:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 19 04:37:23 2023  
 Response via : Initial Calibration

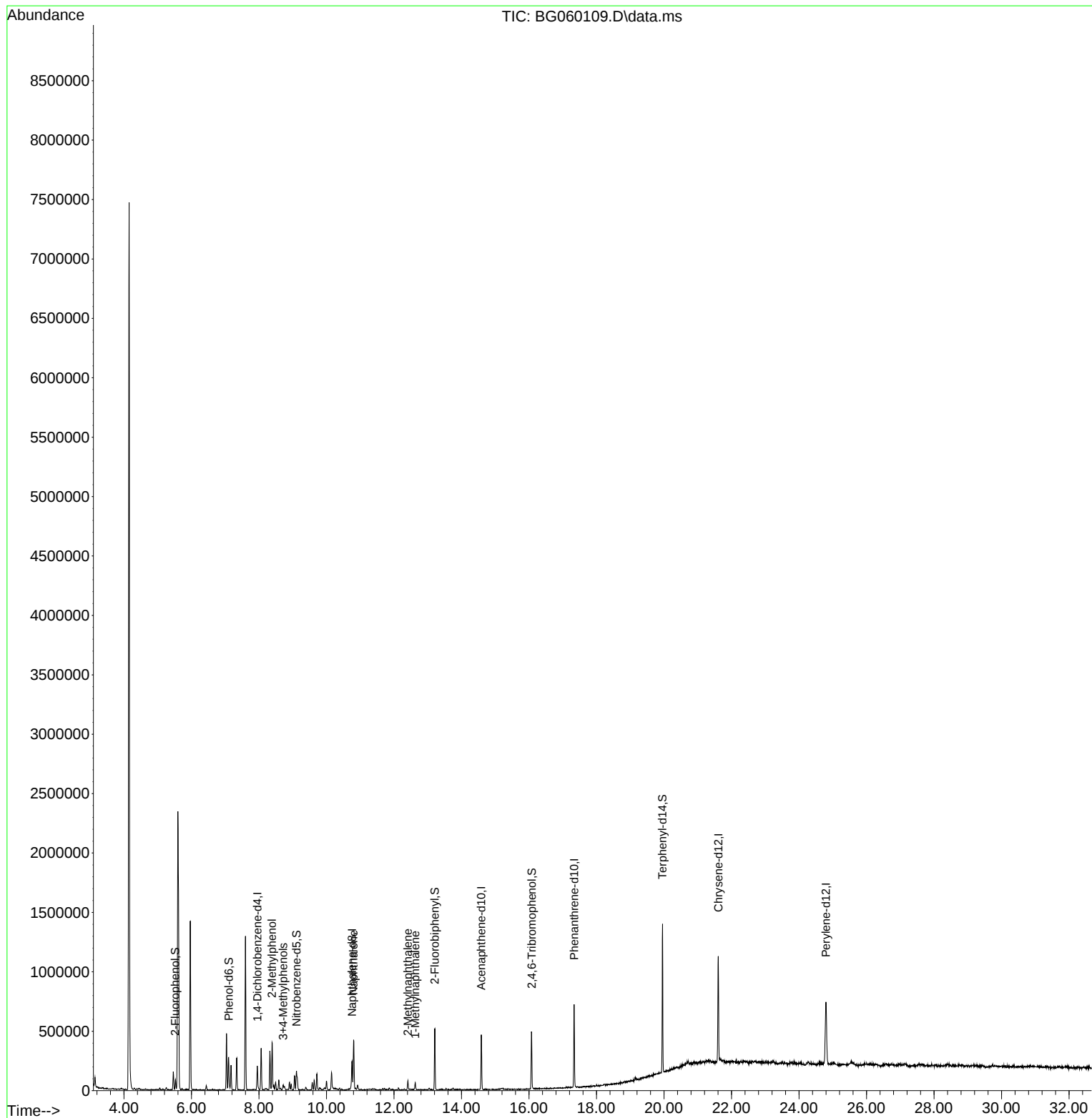
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.953  | 152  | 50311    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.756 | 136  | 170979   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.586 | 164  | 159924   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.336 | 188  | 473131   | 20.000 | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.608 | 240  | 600592   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 24.798 | 264  | 703886   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.521  | 112  | 26163    | 8.902  | ng    | 0.00     |
| 7) Phenol-d6                | 7.107  | 99   | 24870    | 6.016  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.111  | 82   | 82298    | 21.857 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.079 | 330  | 127483   | 34.206 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.206 | 172  | 276372   | 21.151 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.957 | 244  | 720054   | 21.889 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 17) 2-Methylphenol          | 8.388  | 107  | 94938    | 34.288 | ng    | # 82     |
| 20) 3+4-Methylphenols       | 8.717  | 107  | 16043    | 4.148  | ng    | # 86     |
| 31) Naphthalene             | 10.803 | 128  | 261627   | 29.394 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 12.413 | 142  | 28683    | 4.109  | ng    | # 81     |
| 38) 1-Methylnaphthalene     | 12.630 | 142  | 16747    | 2.429  | ng    | # 96     |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122023\  
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Sample : 05670-03DL 5X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 19 04:37:23 2023  
Response via : Initial Calibration

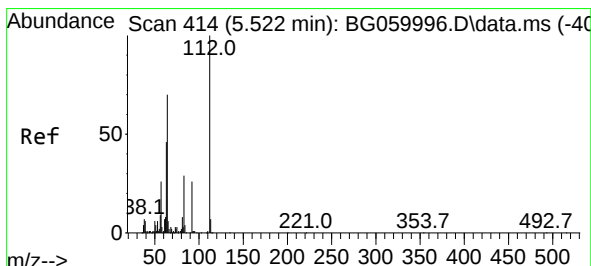
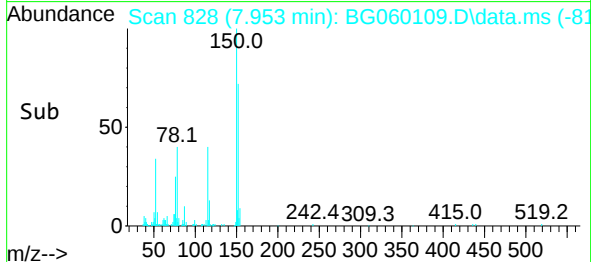
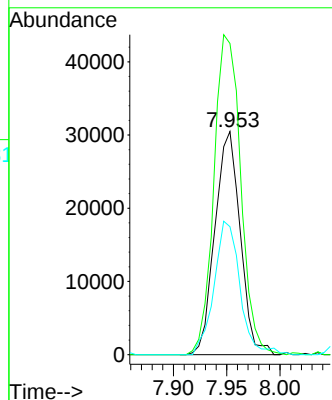
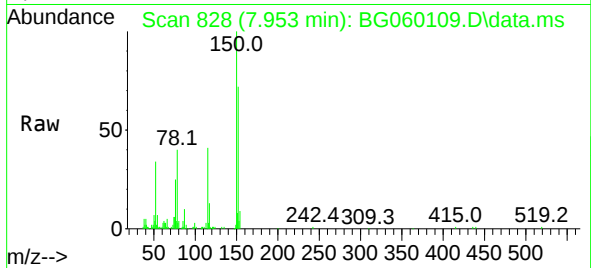




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.953 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

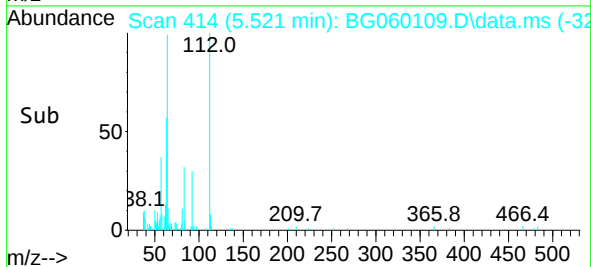
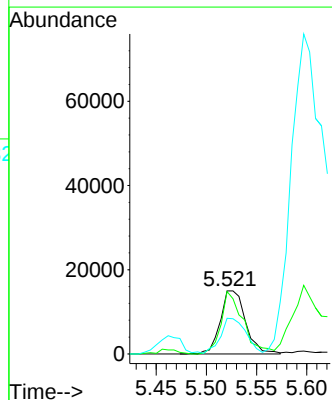
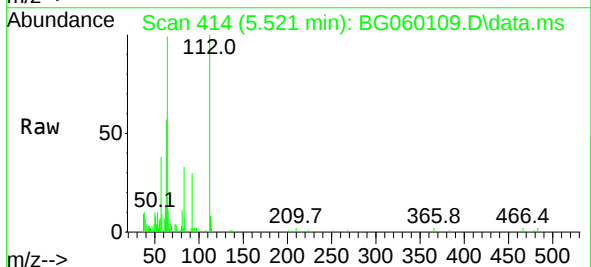
Instrument :  
BNA\_G  
ClientSampleId :  
MW-6ADL

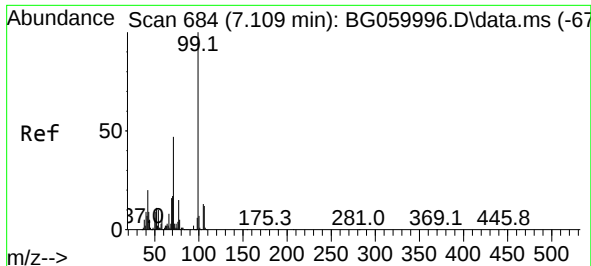
Tgt Ion:152 Resp: 50311  
Ion Ratio Lower Upper  
152 100  
150 139.4 127.0 190.6  
115 57.4 45.7 68.5



#5  
2-Fluorophenol  
Concen: 8.902 ng  
RT: 5.521 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

Tgt Ion:112 Resp: 26163  
Ion Ratio Lower Upper  
112 100  
64 99.1 55.9 83.9#  
63 56.7 36.5 54.7#

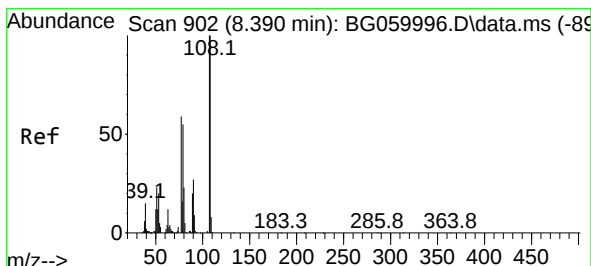
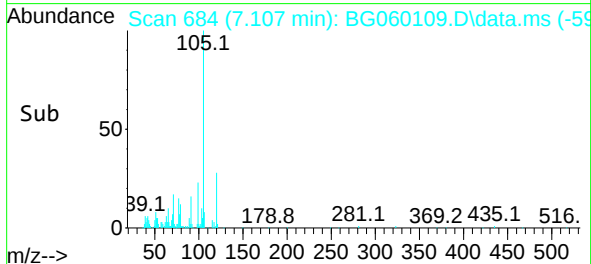
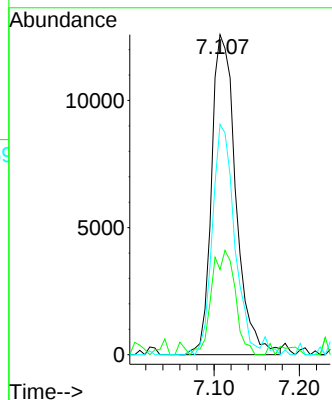
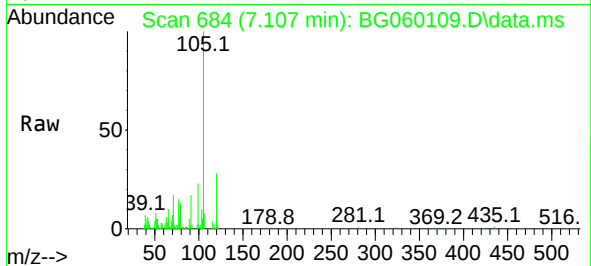




#7  
Phenol-d6  
Concen: 6.016 ng  
RT: 7.107 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

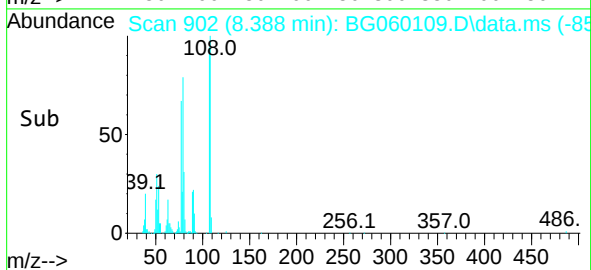
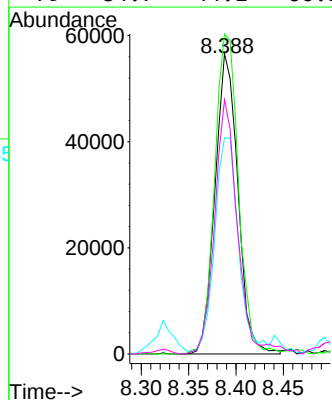
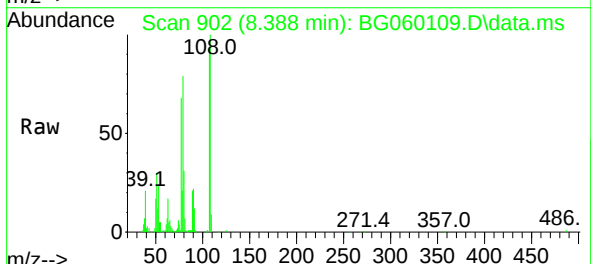
Instrument :  
BNA\_G  
ClientSampleId :  
MW-6ADL

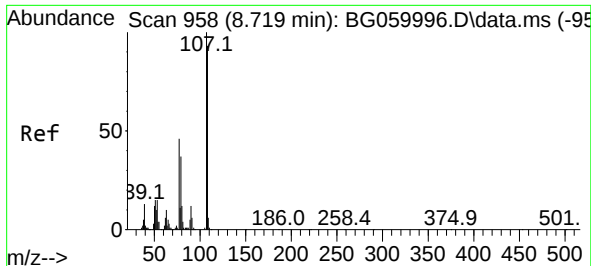
Tgt Ion: 99 Resp: 24870  
Ion Ratio Lower Upper  
99 100  
42 26.6 16.2 24.4#  
71 71.9 37.6 56.4#



#17  
2-Methylphenol  
Concen: 34.288 ng  
RT: 8.388 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

Tgt Ion: 107 Resp: 94938  
Ion Ratio Lower Upper  
107 100  
108 106.5 80.7 121.1  
77 71.9 47.8 71.6#  
79 84.7 44.1 66.1#

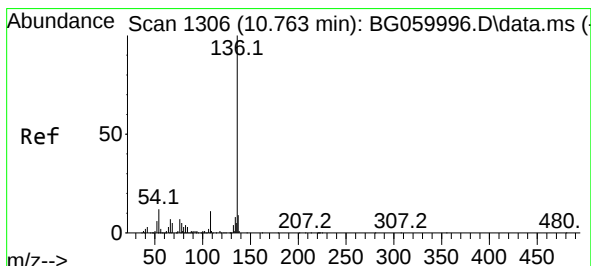
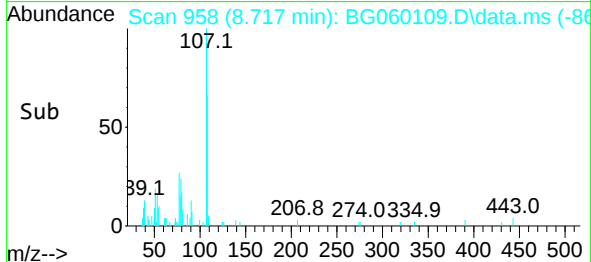
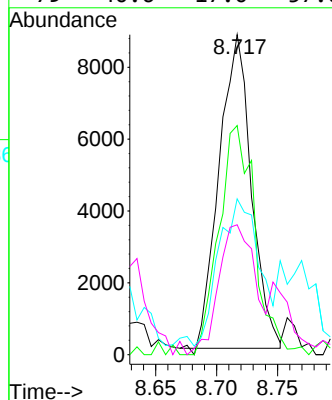
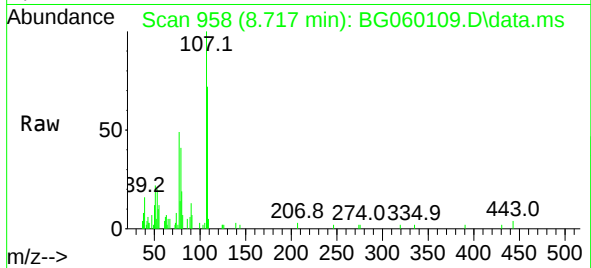




#20  
3+4-Methylphenols  
Concen: 4.148 ng  
RT: 8.717 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

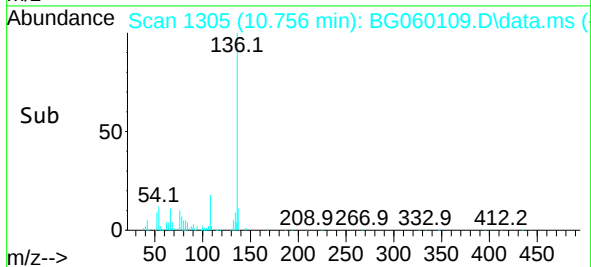
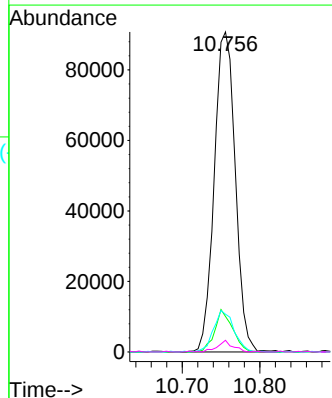
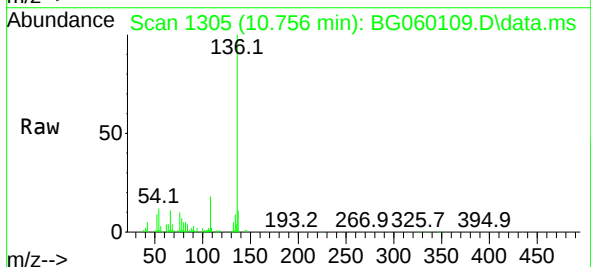
Instrument :  
BNA\_G  
ClientSampleId :  
MW-6ADL

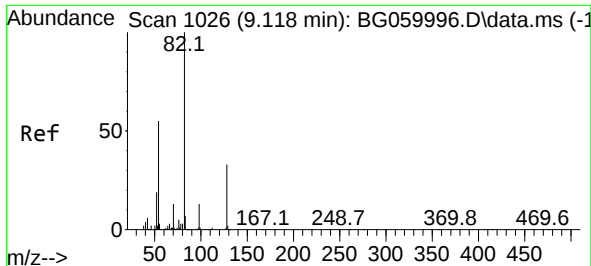
Tgt Ion:107 Resp: 16043  
Ion Ratio Lower Upper  
107 100  
108 71.6 72.8 112.8#  
77 48.7 25.6 65.6  
79 40.6 17.0 57.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.756 min Scan# 1305  
Delta R.T. -0.006 min  
Lab File: BG060109.D  
Acq: 20 Dec 2023 21:54

Tgt Ion:136 Resp: 170979  
Ion Ratio Lower Upper  
136 100  
137 11.1 7.3 10.9#  
54 11.8 9.6 14.4  
68 3.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 21.857 ng

RT: 9.111 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

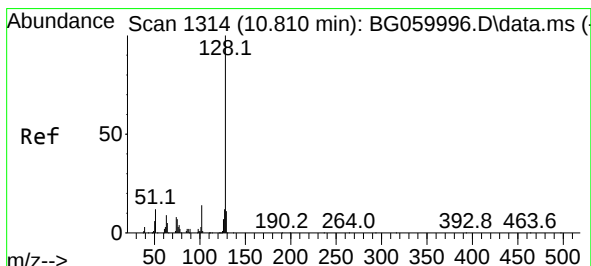
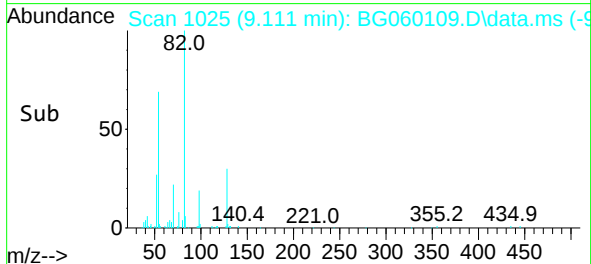
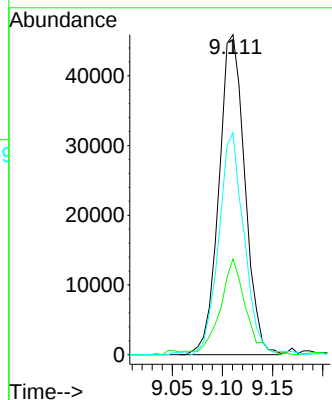
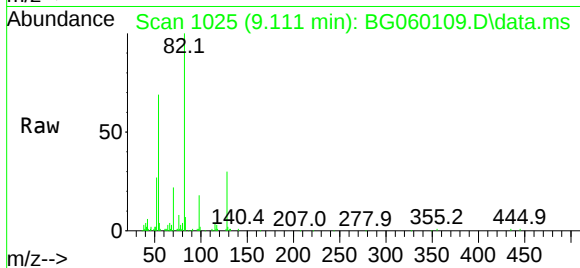
Tgt Ion: 82 Resp: 82298

Ion Ratio Lower Upper

82 100

128 29.9 26.3 39.5

54 69.4 44.3 66.5#



#31

Naphthalene

Concen: 29.394 ng

RT: 10.803 min Scan# 1313

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

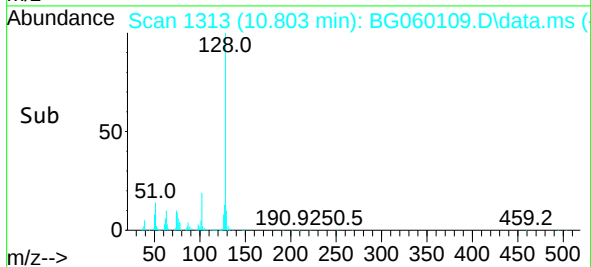
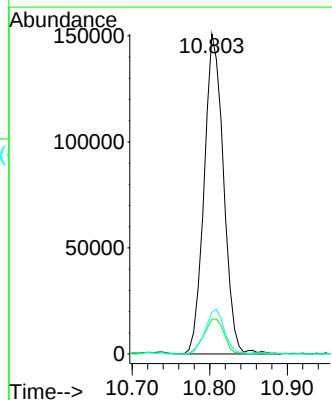
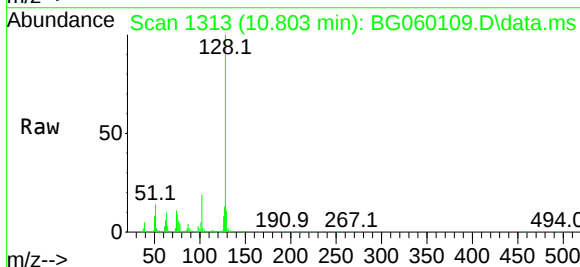
Tgt Ion:128 Resp: 261627

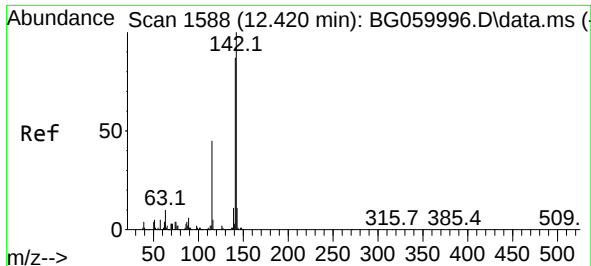
Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

127 13.1 9.7 14.5





#37

2-Methylnaphthalene

Concen: 4.109 ng

RT: 12.413 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

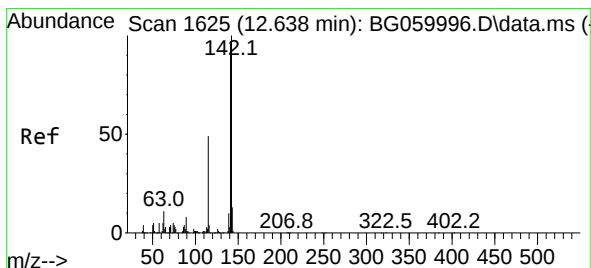
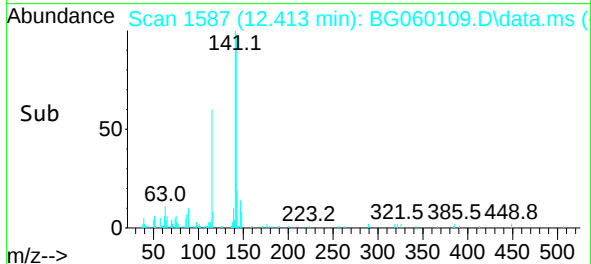
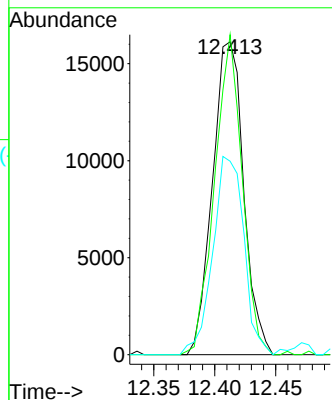
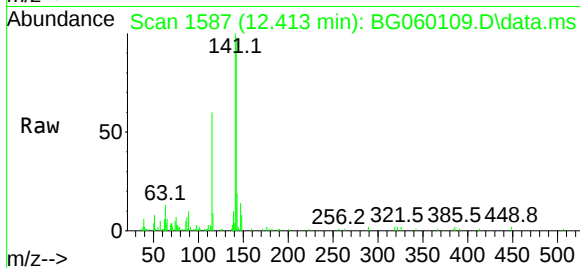
Tgt Ion:142 Resp: 28683

Ion Ratio Lower Upper

142 100

141 102.3 69.9 104.9

115 61.8 36.1 54.1#



#38

1-Methylnaphthalene

Concen: 2.429 ng

RT: 12.630 min Scan# 1624

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

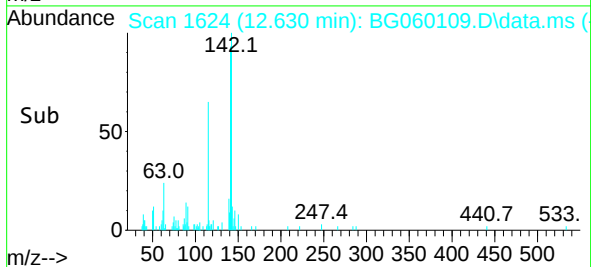
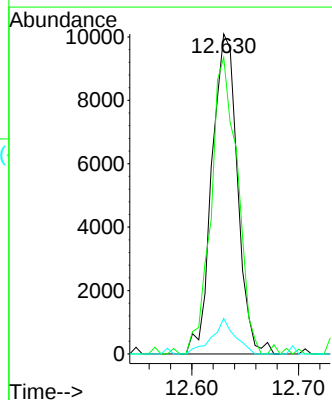
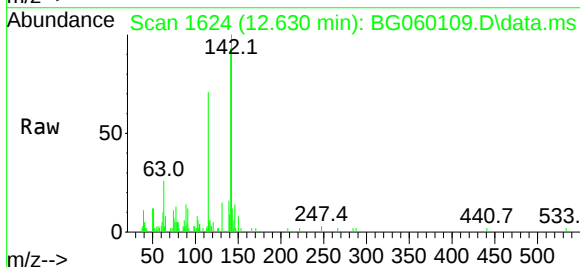
Tgt Ion:142 Resp: 16747

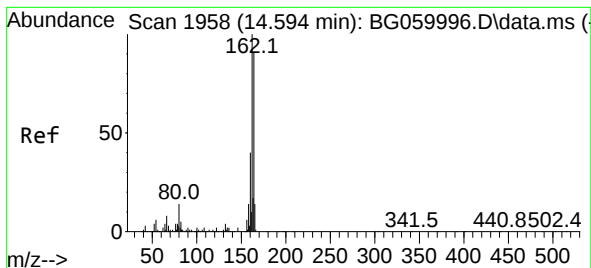
Ion Ratio Lower Upper

142 100

141 92.7 76.9 115.3

116 11.1 3.5 5.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1957

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

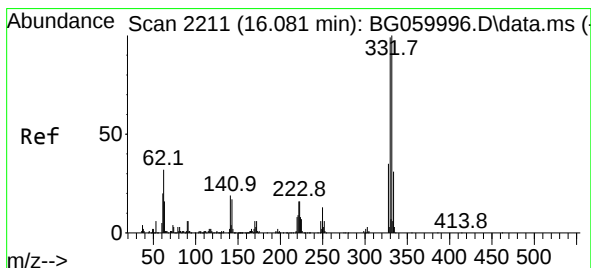
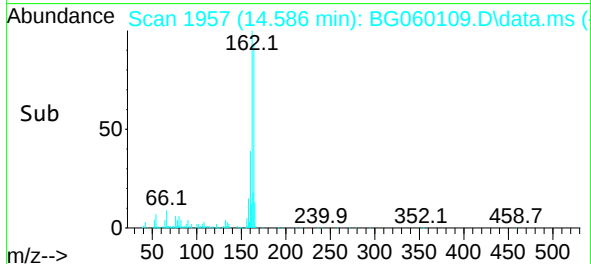
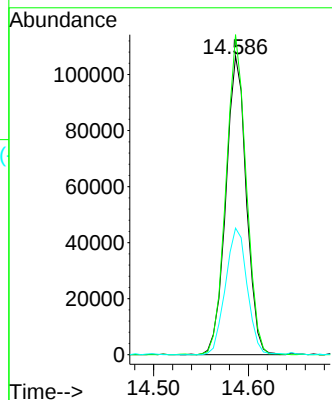
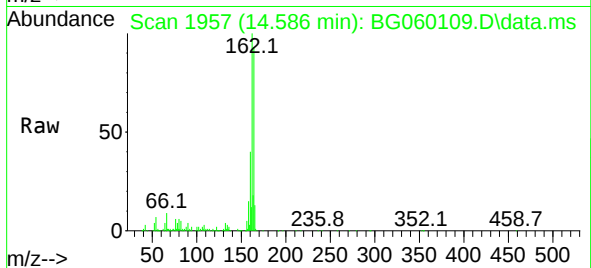
Tgt Ion:164 Resp: 159924

Ion Ratio Lower Upper

164 100

162 107.2 88.1 132.1

160 42.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 34.206 ng

RT: 16.079 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

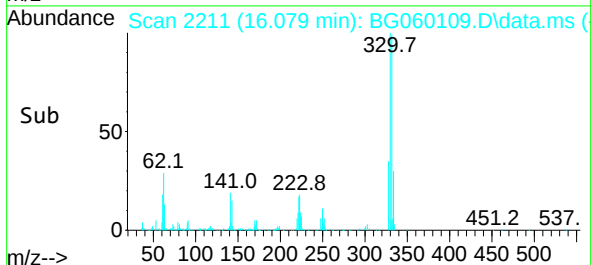
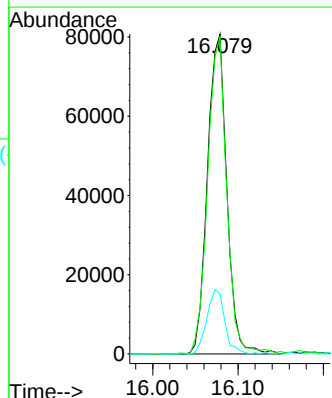
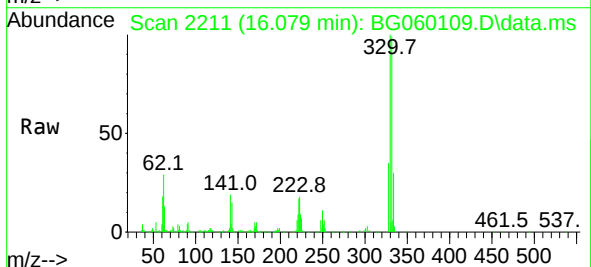
Tgt Ion:330 Resp: 127483

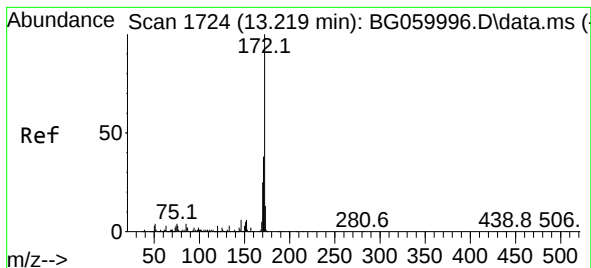
Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 18.6 14.3 21.5





#45

2-Fluorobiphenyl

Concen: 21.151 ng

RT: 13.206 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

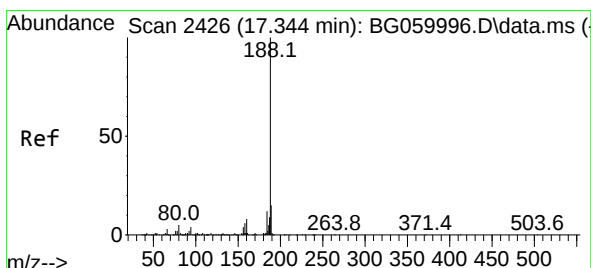
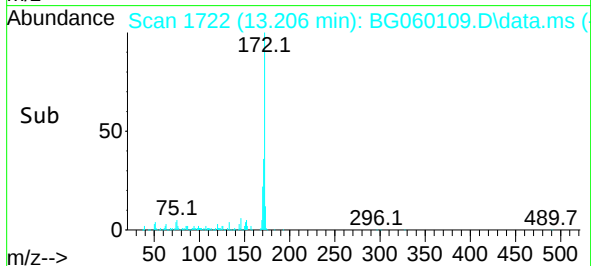
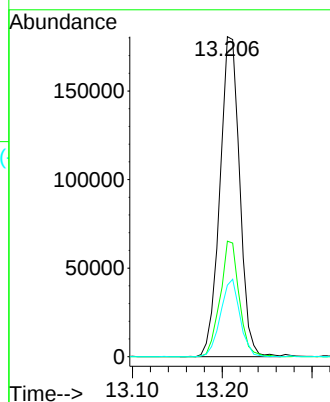
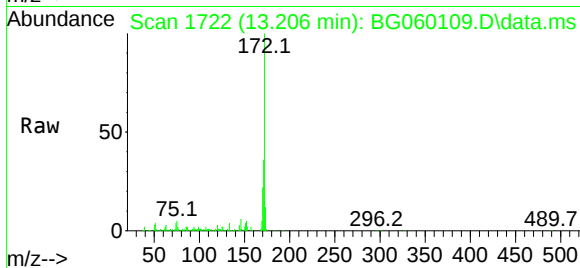
Tgt Ion:172 Resp: 276372

Ion Ratio Lower Upper

172 100

171 36.1 30.1 45.1

170 22.3 20.0 30.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2425

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

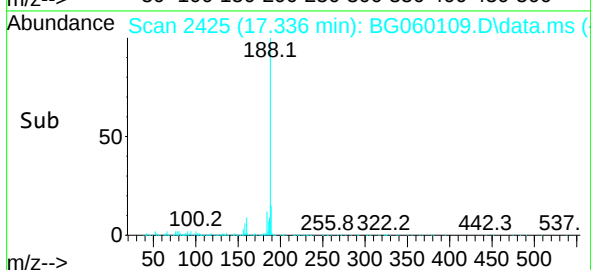
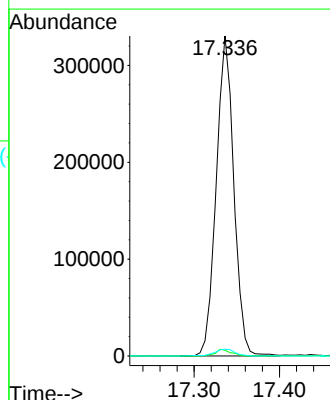
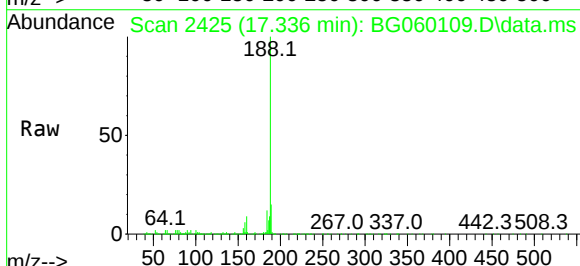
Tgt Ion:188 Resp: 473131

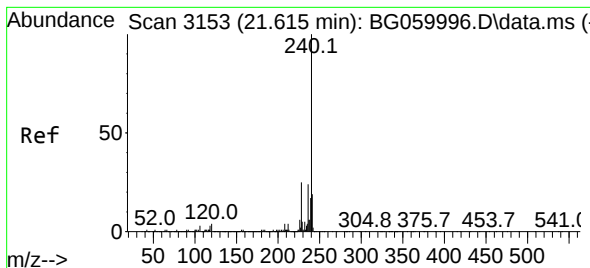
Ion Ratio Lower Upper

188 100

94 1.8 3.0 4.6#

80 2.1 4.0 6.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 3152

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

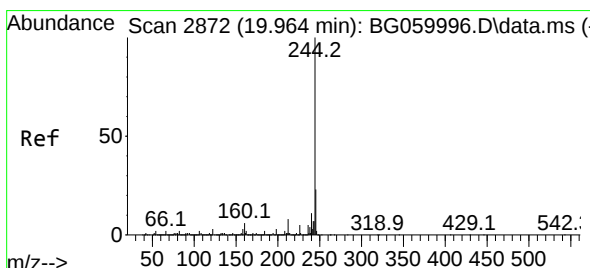
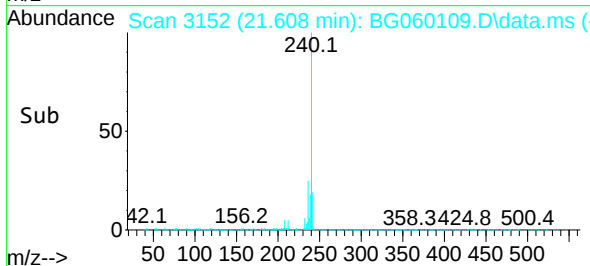
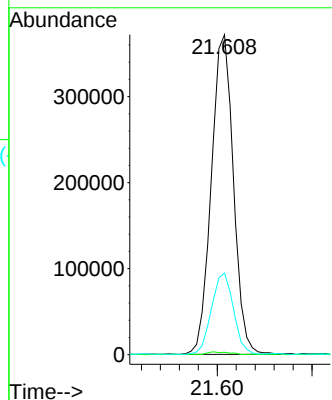
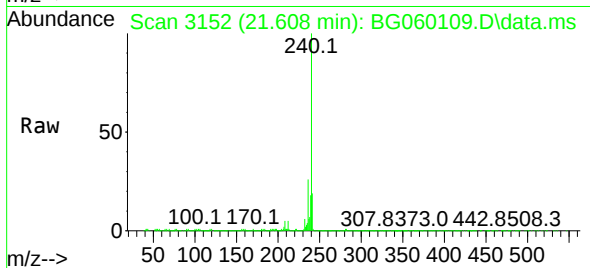
Tgt Ion:240 Resp: 600592

Ion Ratio Lower Upper

240 100

120 0.8 2.9 4.3#

236 25.5 19.4 29.2



#79

Terphenyl-d14

Concen: 21.889 ng

RT: 19.957 min Scan# 2871

Delta R.T. -0.011 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

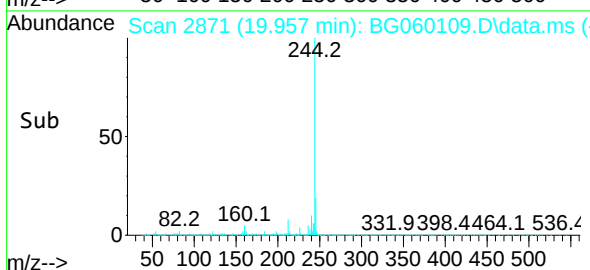
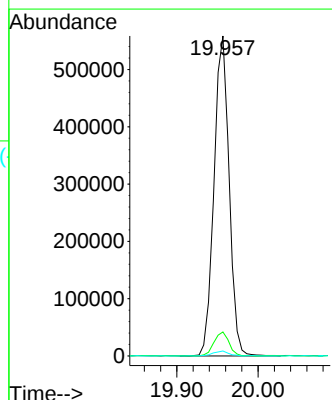
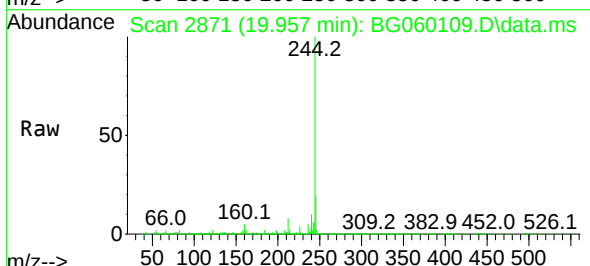
Tgt Ion:244 Resp: 720054

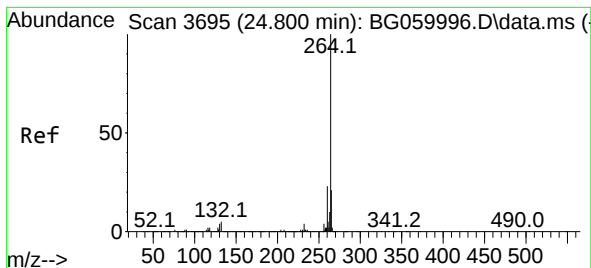
Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 1.6 2.6 3.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 30

Delta R.T. -0.017 min

Lab File: BG060109.D

Acq: 20 Dec 2023 21:54

Instrument :

BNA\_G

ClientSampleId :

MW-6ADL

Tgt Ion:264 Resp: 703886

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.9 17.3 25.9

