

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
 Data File : BG047287.D  
 Acq On : 11 Nov 2020 16:42  
 Operator : CG/JU  
 Sample : L4689-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 332

Quant Time: Nov 11 17:23:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 04 16:19:40 2020  
 Response via : Initial Calibration

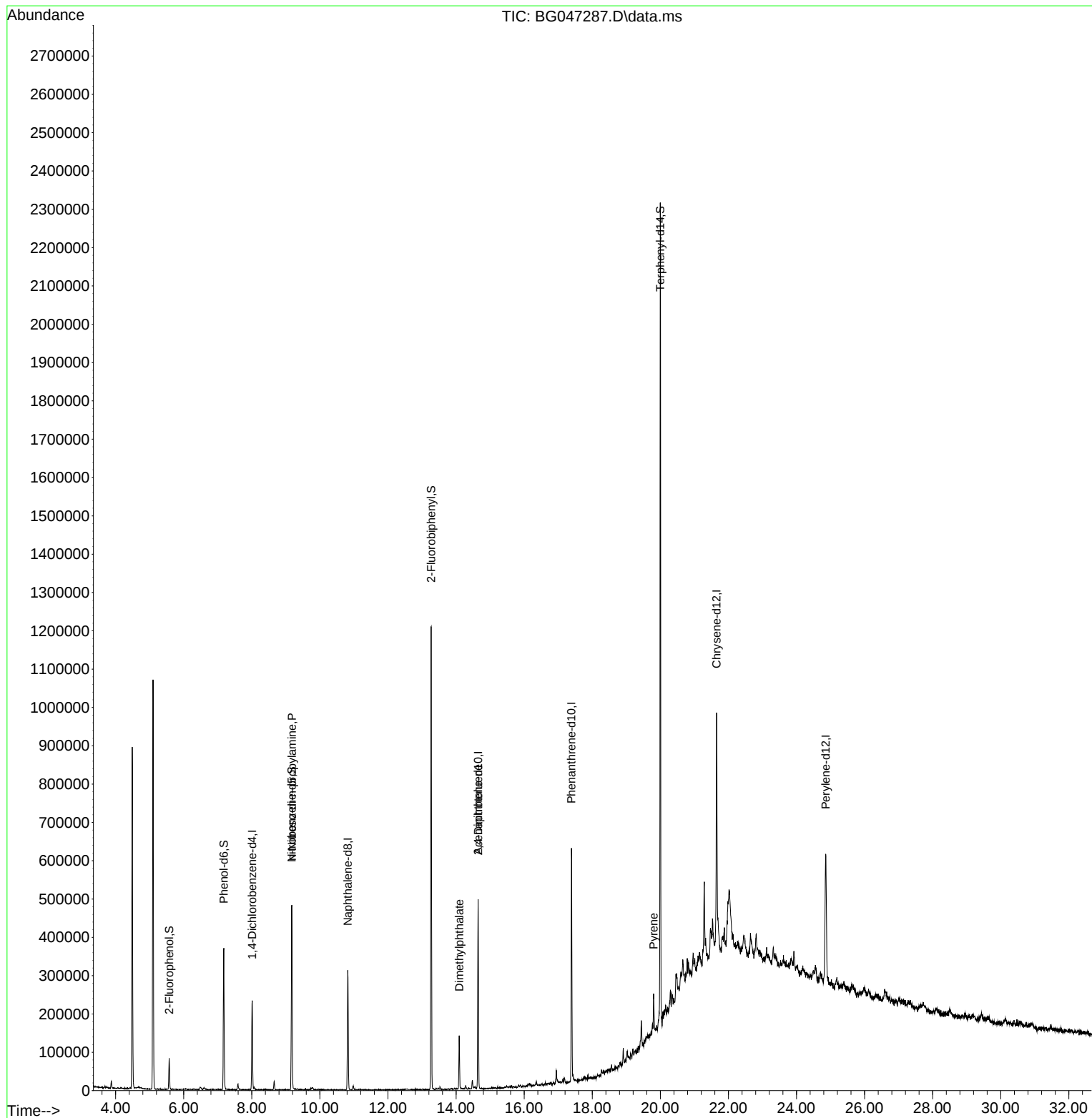
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.006  | 152  | 64097    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.820 | 136  | 256427   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.645 | 164  | 171470   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.389 | 188  | 389824   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.655 | 240  | 357920   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.857 | 264  | 365393   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.574  | 112  | 32082    | 8.11  | ng    | 0.01     |
| 7) Phenol-d6                  | 7.178  | 99   | 200499   | 35.03 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 9.169  | 82   | 270237   | 45.23 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.138 | 330  | 859      | 0.30  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.270 | 172  | 643800   | 48.16 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.998 | 244  | 945385   | 46.45 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.175  | 70   | 45839    | 12.19 | ng    | # 86     |
| 50) Dimethylphthalate         | 14.093 | 163  | 89632    | 5.92  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.645 | 165  | 22520    | 4.91  | ng    | # 32     |
| 78) Pyrene                    | 19.804 | 202  | 57584    | 2.31  | ng    | 96       |
| -----                         |        |      |          |       |       |          |

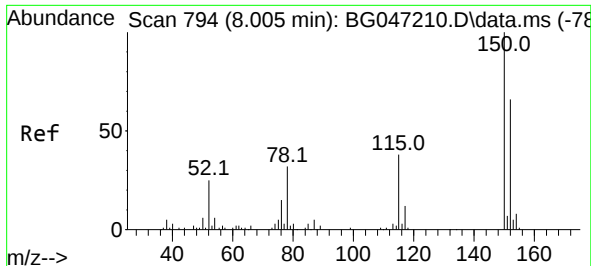
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047287.D  
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Quant Time: Nov 11 17:23:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 04 16:19:40 2020  
Response via : Initial Calibration

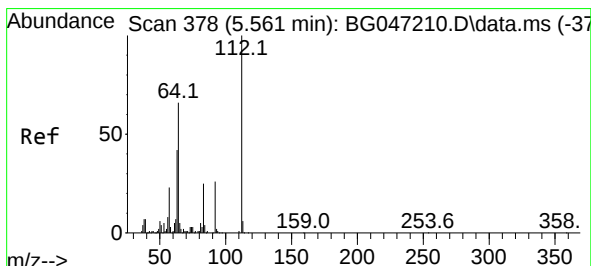
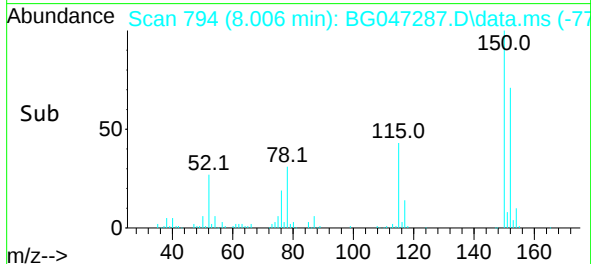
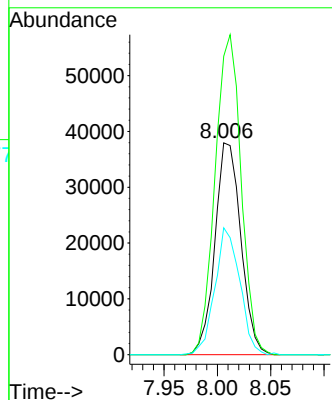
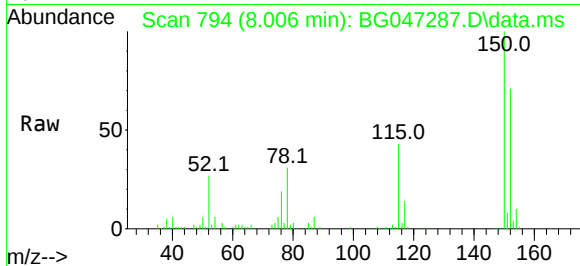




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.006 min Scan# 794  
Delta R.T. 0.001 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

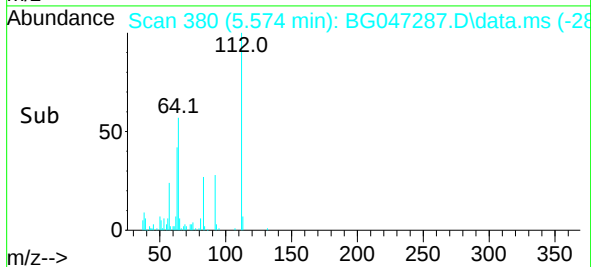
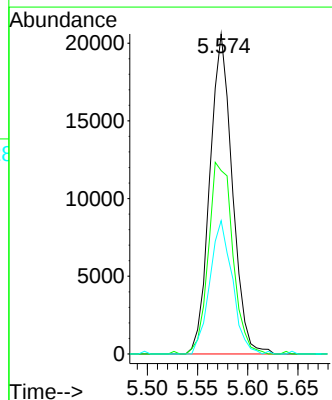
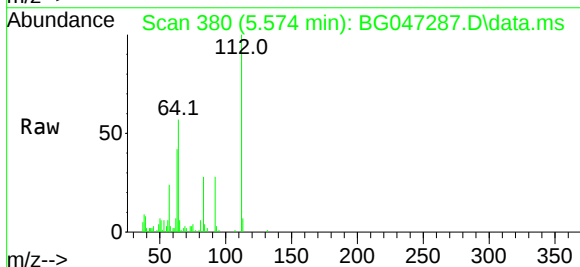
Instrument :  
BNA\_G  
ClientSampleId :  
332

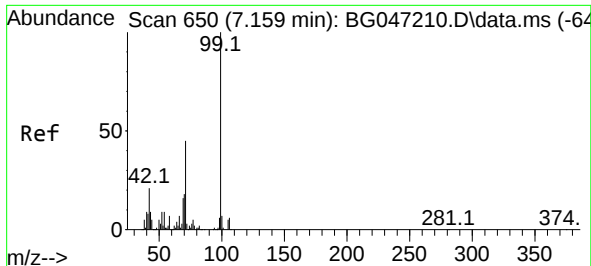
Tgt Ion:152 Resp: 64097  
Ion Ratio Lower Upper  
152 100  
150 140.9 125.0 187.6  
115 59.9 41.8 62.6



#5  
2-Fluorophenol  
Concen: 8.11 ng  
RT: 5.574 min Scan# 380  
Delta R.T. 0.013 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

Tgt Ion:112 Resp: 32082  
Ion Ratio Lower Upper  
112 100  
64 57.3 46.7 70.1  
63 41.6 22.8 34.2#

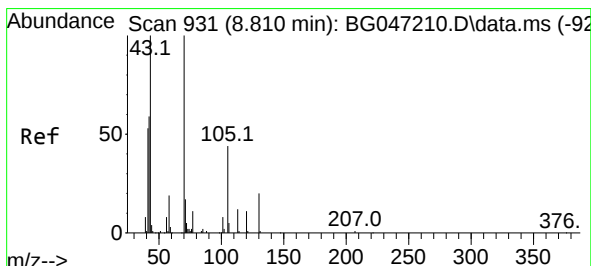
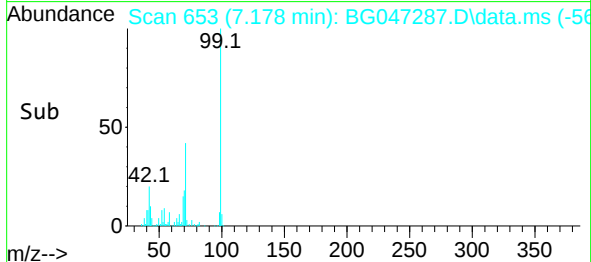
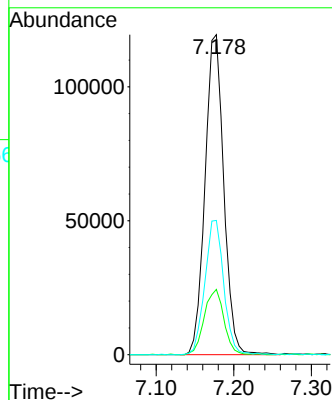
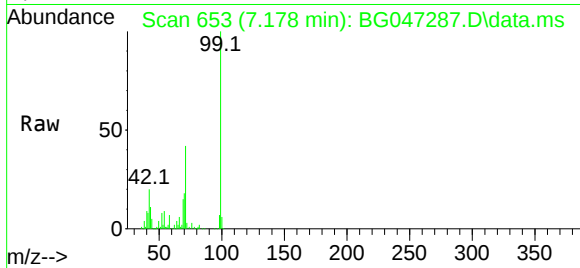




#7  
Phenol-d6  
Concen: 35.03 ng  
RT: 7.178 min Scan# 653  
Delta R.T. 0.019 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

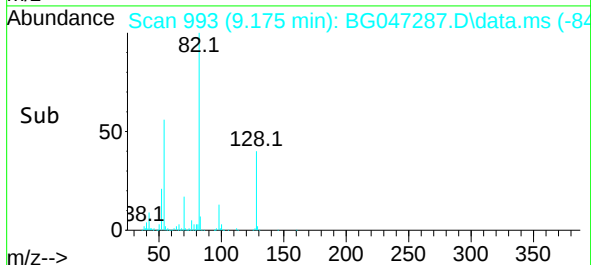
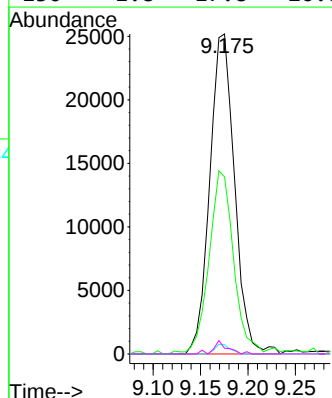
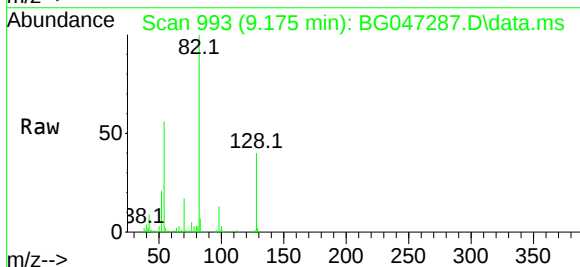
Instrument :  
BNA\_G  
ClientSampleId :  
332

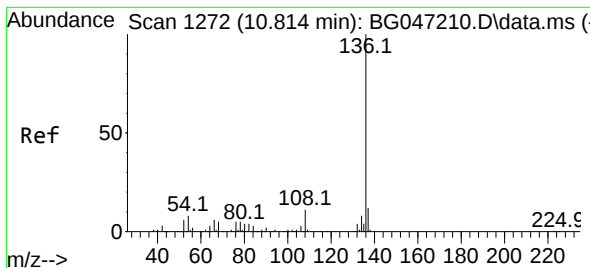
Tgt Ion: 99 Resp: 200499  
Ion Ratio Lower Upper  
99 100  
42 20.4 12.8 19.2#  
71 42.0 24.6 36.8#



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.19 ng  
RT: 9.175 min Scan# 993  
Delta R.T. 0.365 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

Tgt Ion: 70 Resp: 45839  
Ion Ratio Lower Upper  
70 100  
42 55.4 45.6 68.4  
101 2.9 8.4 12.6#  
130 1.8 17.8 26.8#

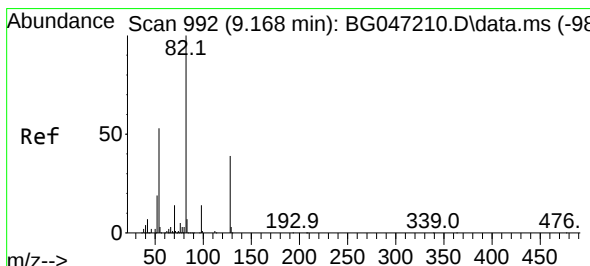
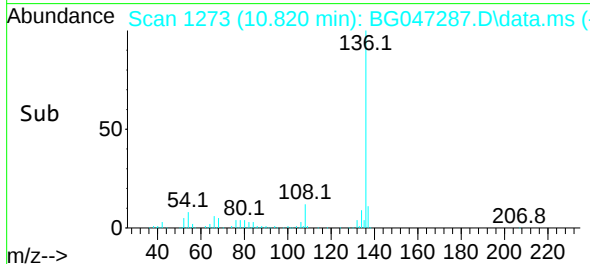
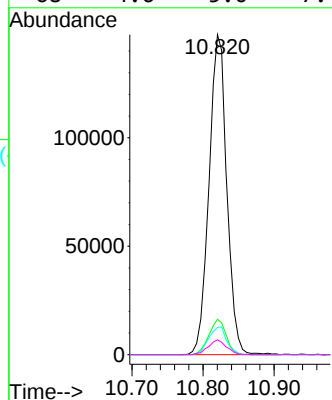
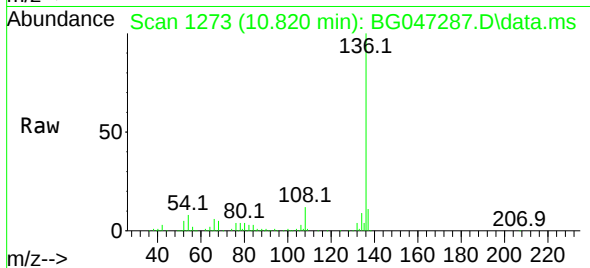




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.820 min Scan# 1273  
Delta R.T. 0.006 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

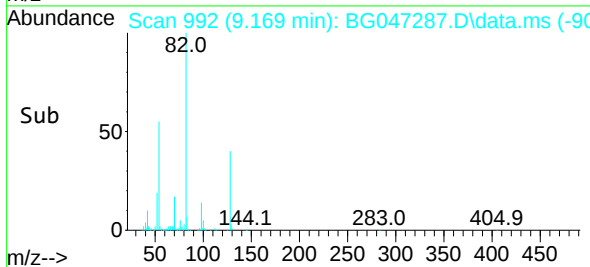
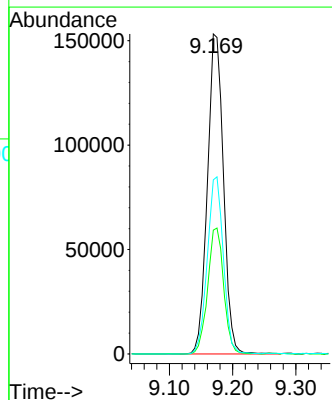
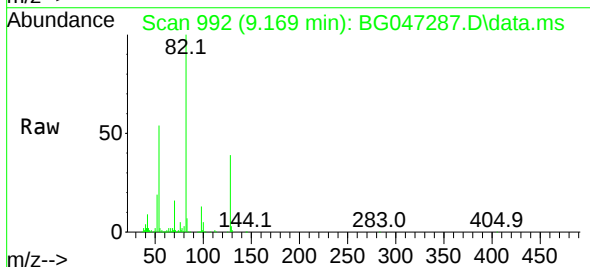
Instrument :  
BNA\_G  
ClientSampleId :  
332

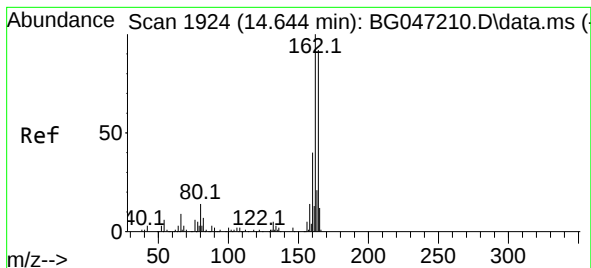
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 256427 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.1   | 13.7   |
| 54        | 8.5   | 6.2   | 9.4    |
| 68        | 4.6   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 45.23 ng  
RT: 9.169 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 270237 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.7  | 37.0  | 55.6   |
| 54        | 54.4  | 39.0  | 58.4   |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.645 min Scan# 1924

Delta R.T. 0.001 min

Lab File: BG047287.D

Acq: 11 Nov 2020 16:42

Tgt Ion:164 Resp: 171470

Ion Ratio Lower Upper

164 100

162 106.2 82.3 123.5

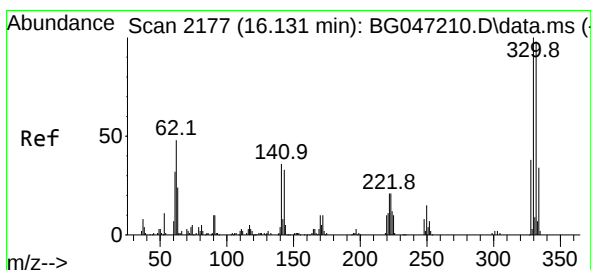
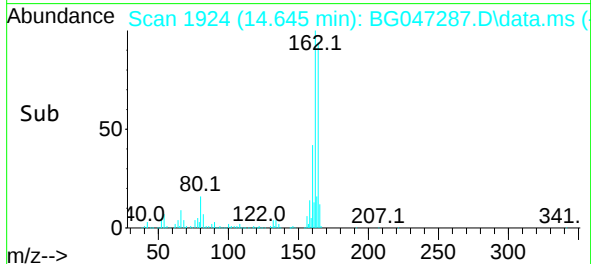
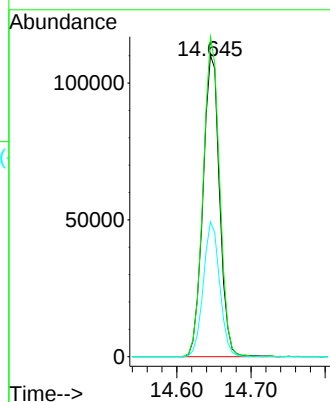
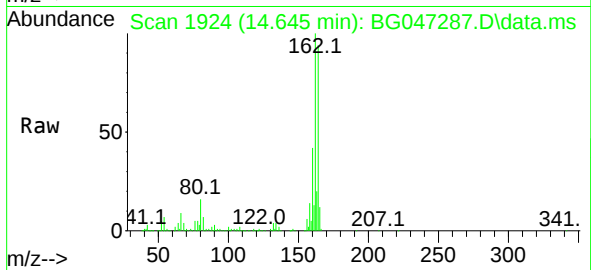
160 44.8 35.3 52.9

Instrument :

BNA\_G

ClientSampleId :

332



#42

2,4,6-Tribromophenol

Concen: 0.30 ng

RT: 16.138 min Scan# 2178

Delta R.T. 0.007 min

Lab File: BG047287.D

Acq: 11 Nov 2020 16:42

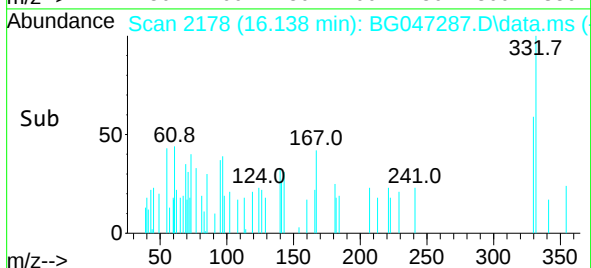
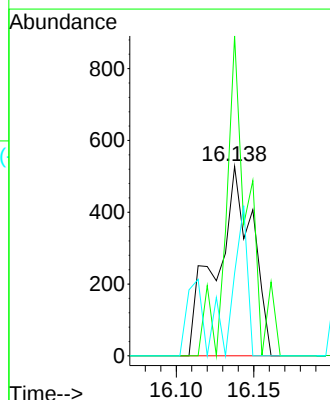
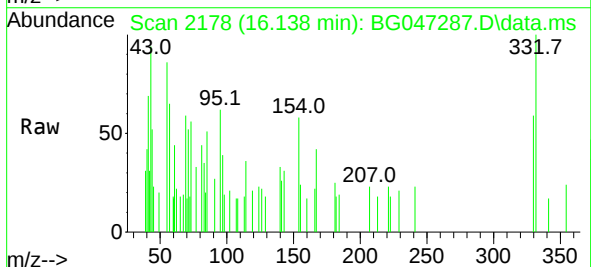
Tgt Ion:330 Resp: 859

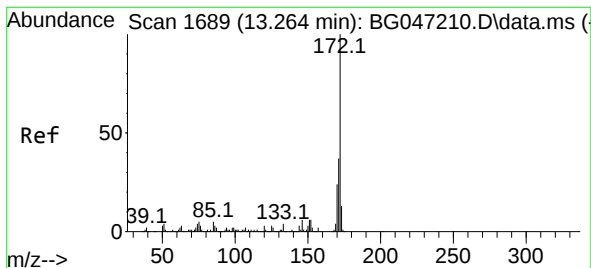
Ion Ratio Lower Upper

330 100

332 102.3 76.5 114.7

141 26.5 26.0 39.0

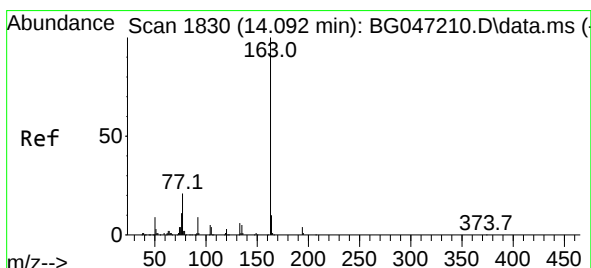
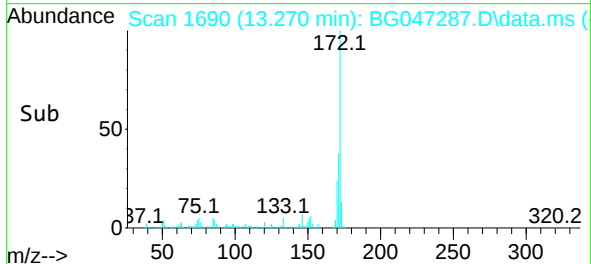
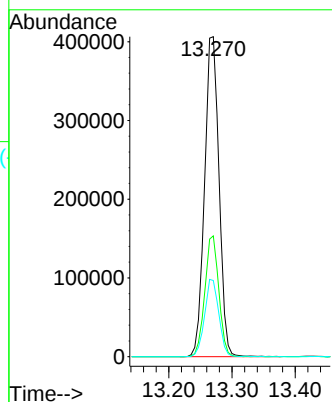
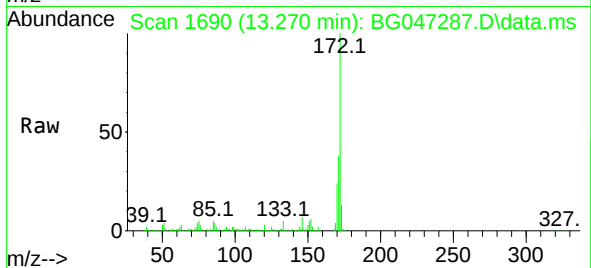




#45  
2-Fluorobiphenyl  
Concen: 48.16 ng  
RT: 13.270 min Scan# 1690  
Delta R.T. 0.007 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

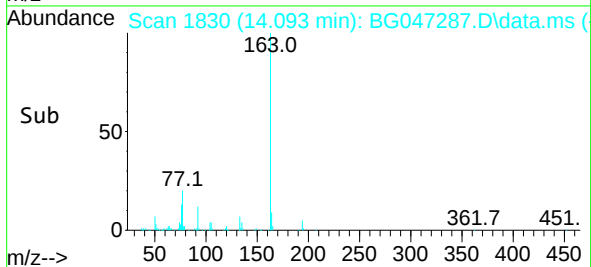
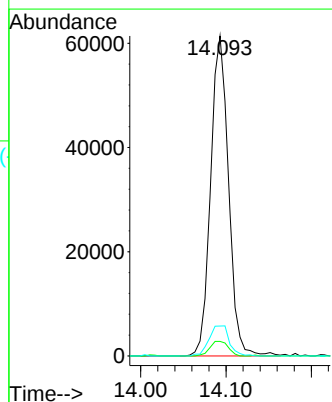
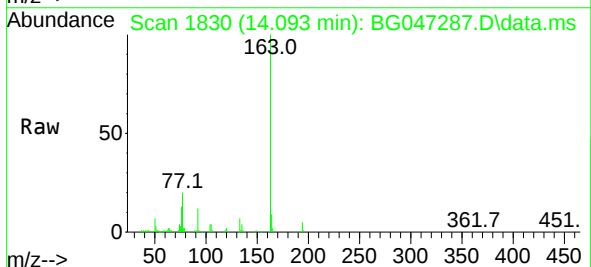
Instrument :  
BNA\_G  
ClientSampleId :  
332

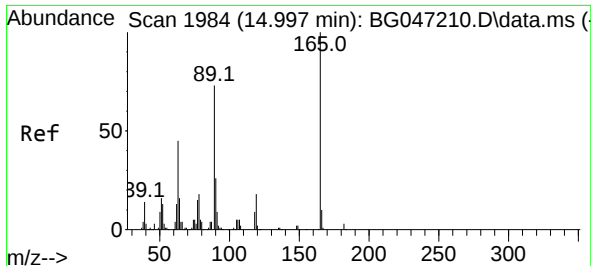
Tgt Ion:172 Resp: 643800  
Ion Ratio Lower Upper  
172 100  
171 37.7 31.3 46.9  
170 23.8 20.8 31.2



#50  
Dimethylphthalate  
Concen: 5.92 ng  
RT: 14.093 min Scan# 1830  
Delta R.T. 0.001 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

Tgt Ion:163 Resp: 89632  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.8 5.8  
164 9.3 8.8 13.2

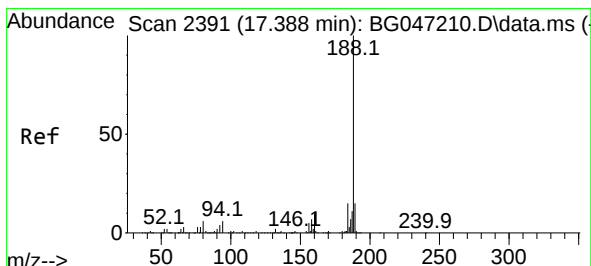
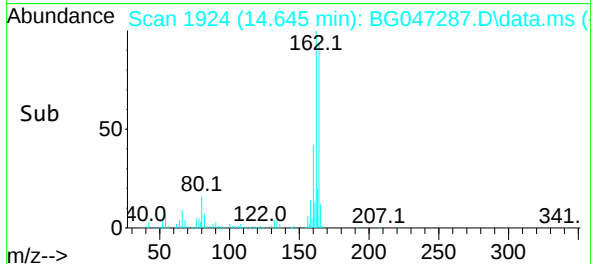
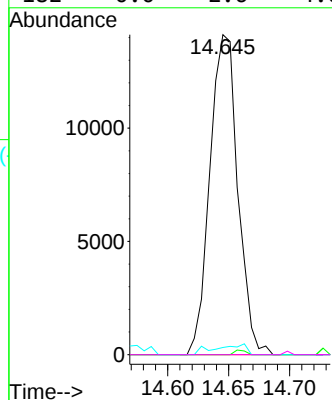
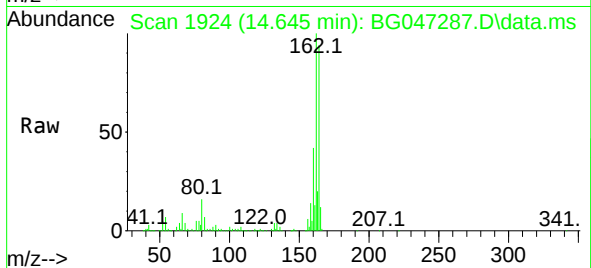




#57  
2,4-Dinitrotoluene  
Concen: 4.91 ng  
RT: 14.645 min Scan# 1924  
Delta R.T. -0.352 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

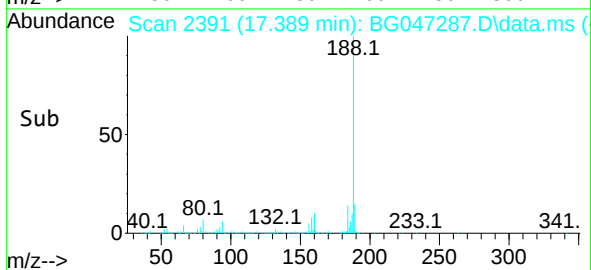
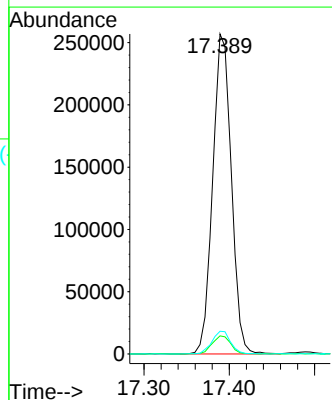
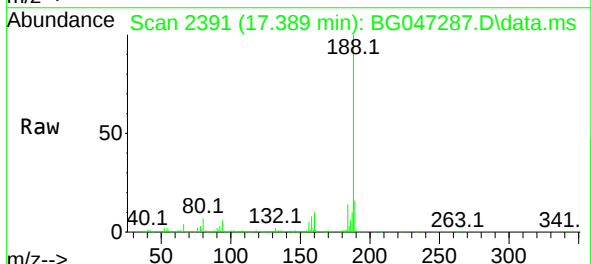
Instrument :  
BNA\_G  
ClientSampleId :  
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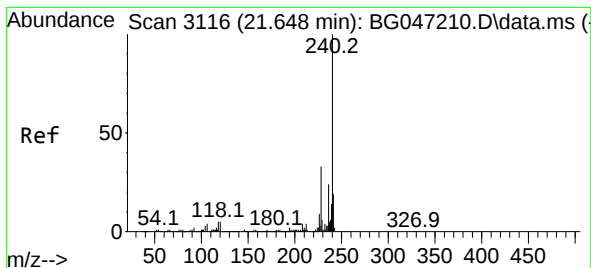
Tgt Ion:165 Resp: 22520  
Ion Ratio Lower Upper  
165 100  
63 0.0 26.4 39.6#  
89 2.3 47.8 71.8#  
182 0.0 2.6 4.0#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.389 min Scan# 2391  
Delta R.T. 0.001 min  
Lab File: BG047287.D  
Acq: 11 Nov 2020 16:42

Tgt Ion:188 Resp: 389824  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.3 9.5#  
80 7.1 7.0 10.6





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.655 min Scan# 3117

Delta R.T. 0.007 min

Lab File: BG047287.D

Acq: 11 Nov 2020 16:42

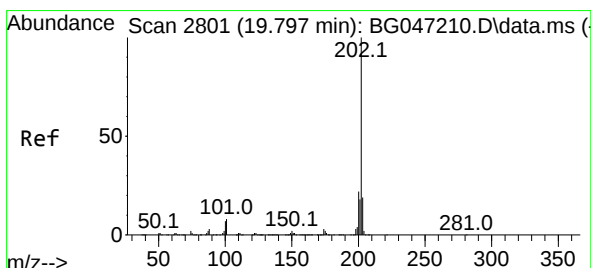
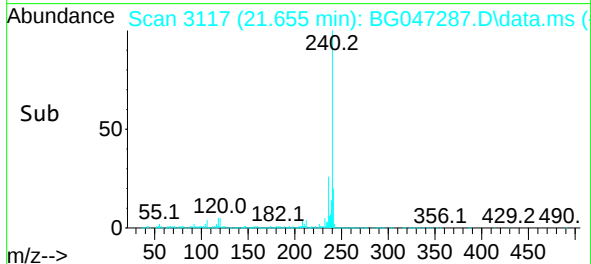
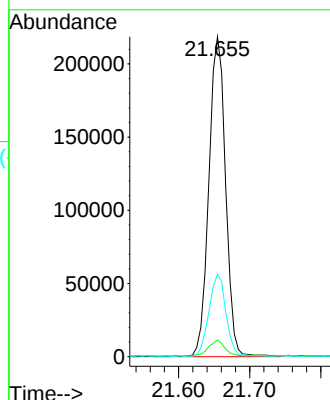
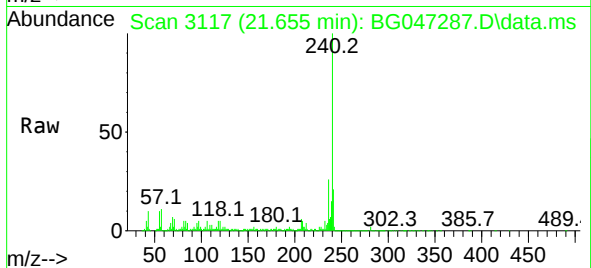
Tgt Ion:240 Resp: 357920

Ion Ratio Lower Upper

240 100

120 5.3 6.2 9.4#

236 25.8 20.5 30.7



#78

Pyrene

Concen: 2.31 ng

RT: 19.804 min Scan# 2802

Delta R.T. 0.007 min

Lab File: BG047287.D

Acq: 11 Nov 2020 16:42

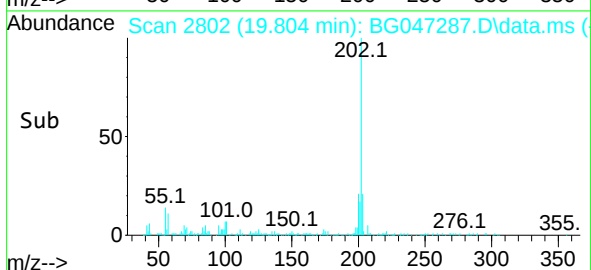
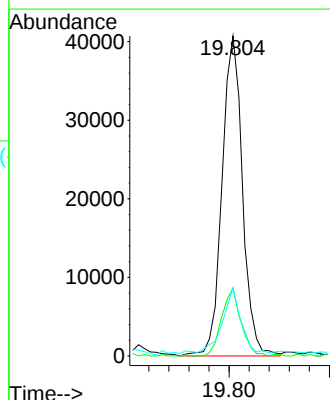
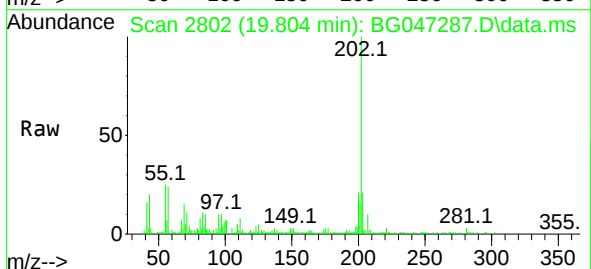
Tgt Ion:202 Resp: 57584

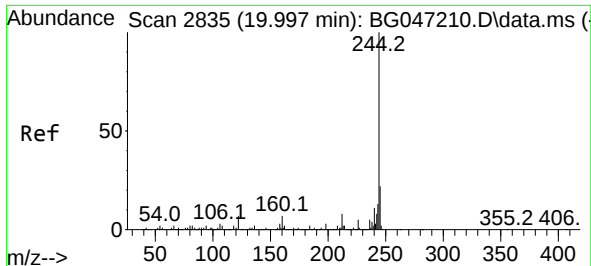
Ion Ratio Lower Upper

202 100

200 21.3 18.6 27.8

203 21.3 15.3 22.9

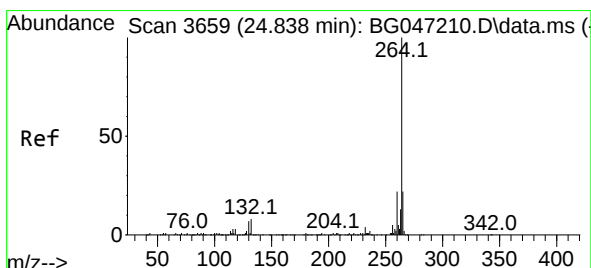
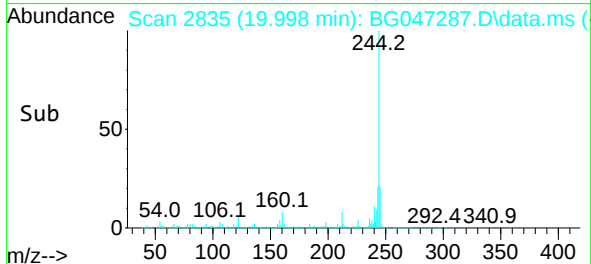
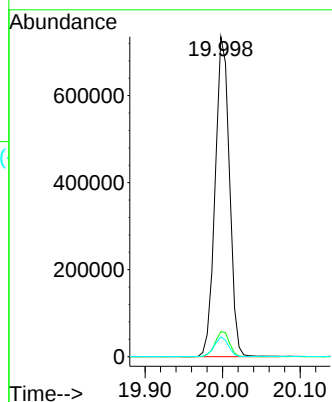
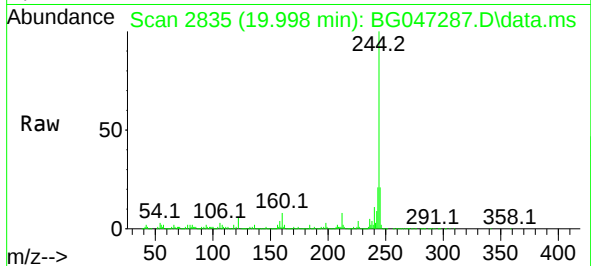




#79  
 Terphenyl-d14  
 Concen: 46.45 ng  
 RT: 19.998 min Scan# 2835  
 Delta R.T. 0.001 min  
 Lab File: BG047287.D  
 Acq: 11 Nov 2020 16:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 332

Tgt Ion:244 Resp: 945385  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.7 10.1  
 122 6.2 7.8 11.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.857 min Scan# 3662  
 Delta R.T. 0.019 min  
 Lab File: BG047287.D  
 Acq: 11 Nov 2020 16:42

Tgt Ion:264 Resp: 365393  
 Ion Ratio Lower Upper  
 264 100  
 260 21.6 18.8 28.2  
 265 21.6 17.8 26.8

