

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082622\  
 Data File : BG054764.D  
 Acq On : 26 Aug 2022 20:59  
 Operator : CG/JU  
 Sample : N4375-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-3

Quant Time: Aug 27 02:19:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

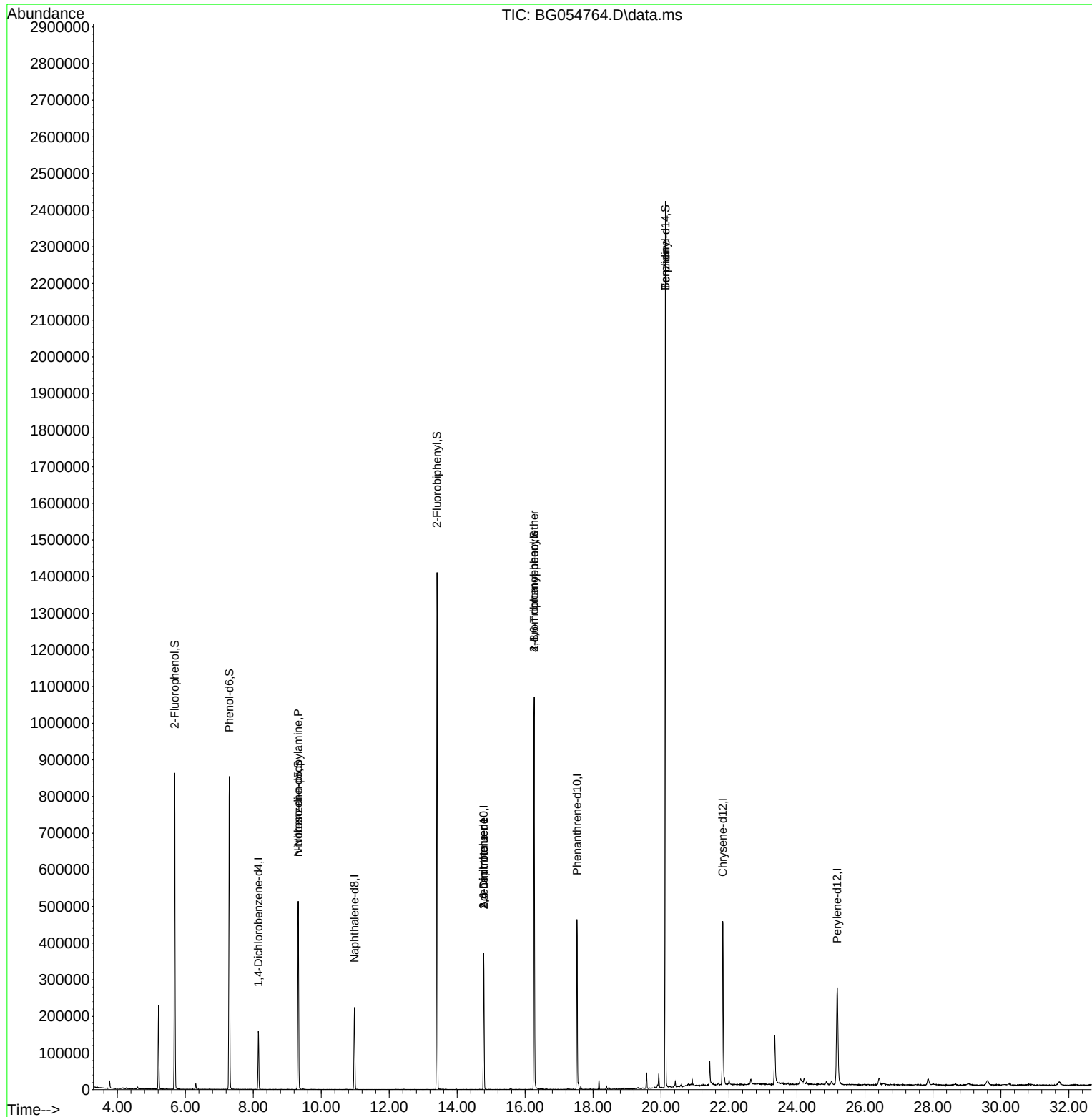
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.148  | 152  | 47640    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.974 | 136  | 202793   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.781 | 164  | 136523   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.525 | 188  | 300331   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.814 | 240  | 288127   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.180 | 264  | 299530   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.686  | 112  | 386360   | 141.224 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.296  | 99   | 528213   | 141.180 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.323  | 82   | 321538   | 83.236  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.267 | 330  | 219228   | 128.508 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.406 | 172  | 748142   | 82.365  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.128 | 244  | 1183172  | 81.364  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.323  | 70   | 40459    | 15.725  | ng    | # 82     |
| 51) 2,6-Dinitrotoluene        | 14.781 | 165  | 17863    | 8.303   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 17863    | 6.003   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 16.267 | 248  | 14353    | 4.353   | ng    | # 1      |
| 77) Benzidine                 | 20.128 | 184  | 18058    | 2.530   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

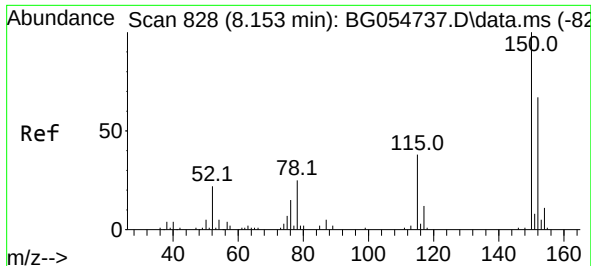
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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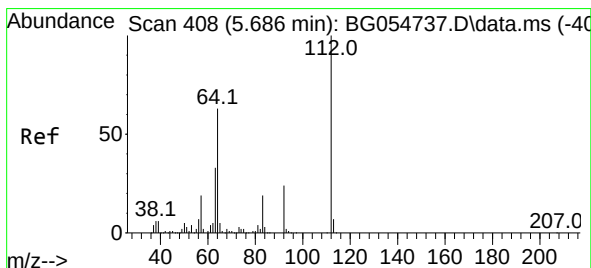
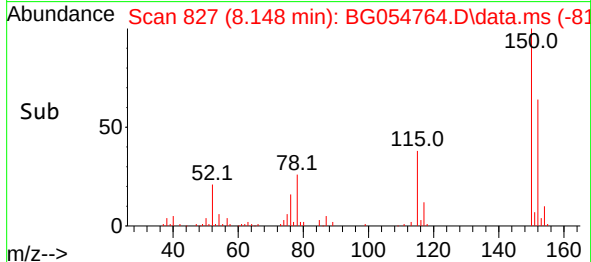
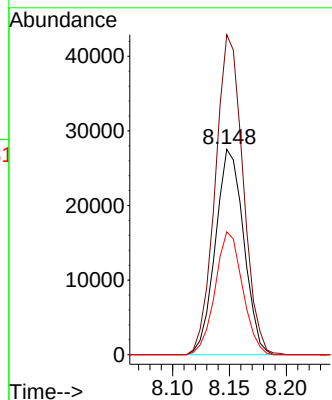
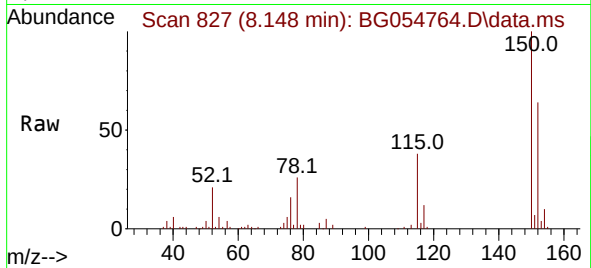




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.148 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

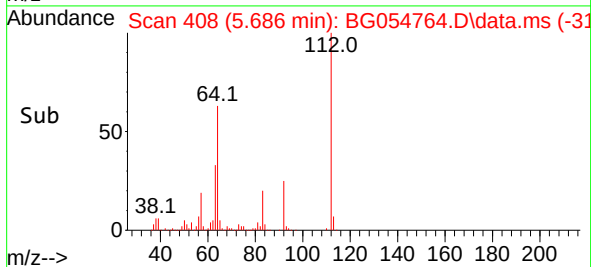
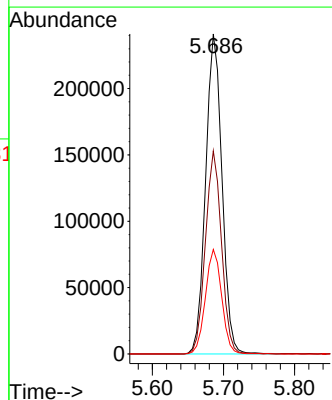
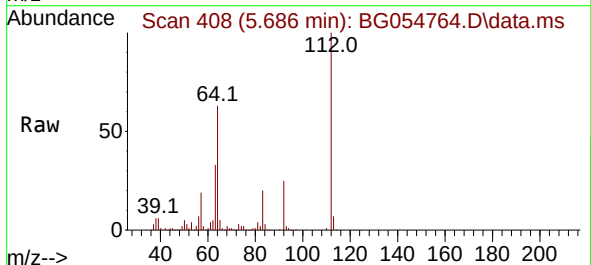
Instrument :  
BNA\_G  
ClientSampleId :  
WC-3

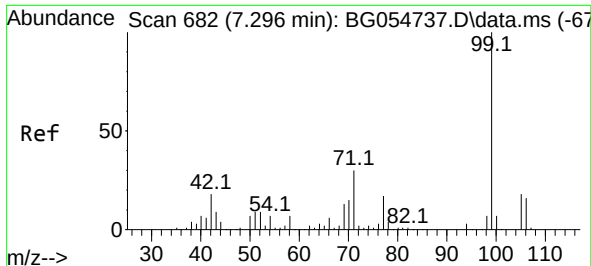
Tgt Ion:152 Resp: 47640  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.2 187.8  
115 59.8 47.9 71.9



#5  
2-Fluorophenol  
Concen: 141.224 ng  
RT: 5.686 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:112 Resp: 386360  
Ion Ratio Lower Upper  
112 100  
64 63.5 49.3 73.9  
63 32.7 26.3 39.5

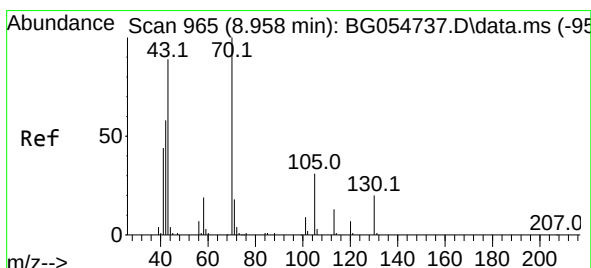
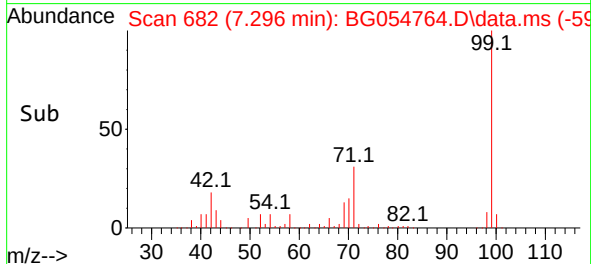
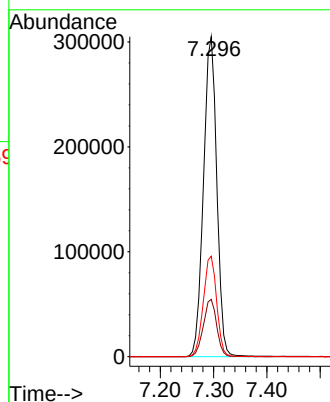
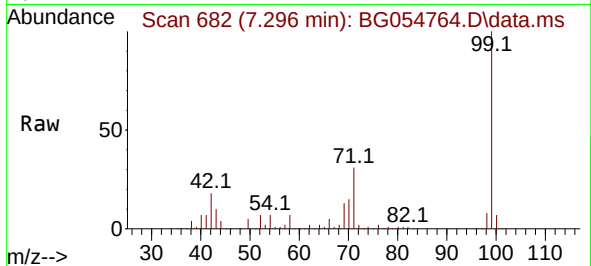




#7  
Phenol-d6  
Concen: 141.180 ng  
RT: 7.296 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

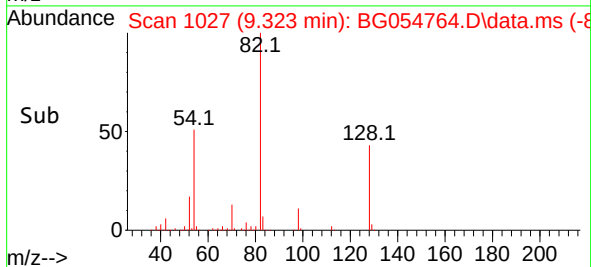
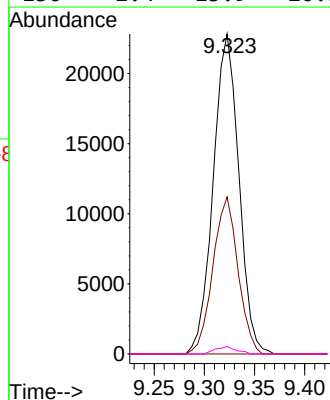
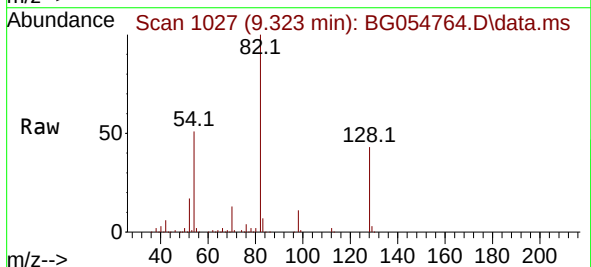
Instrument :  
BNA\_G  
ClientSampleId :  
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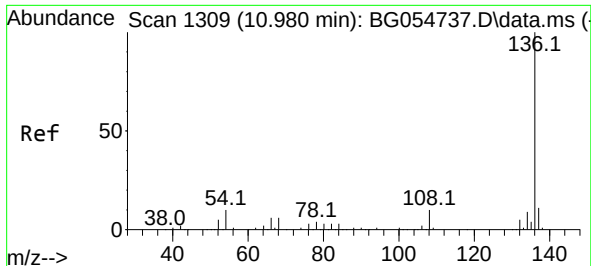
Tgt Ion: 99 Resp: 528213  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.6 22.0  
71 31.4 24.6 37.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.725 ng  
RT: 9.323 min Scan# 1027  
Delta R.T. 0.364 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion: 70 Resp: 40459  
Ion Ratio Lower Upper  
70 100  
42 49.1 46.6 69.8  
101 0.0 7.7 11.5#  
130 2.4 13.9 20.9#

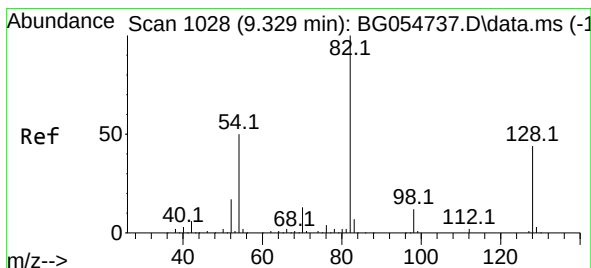
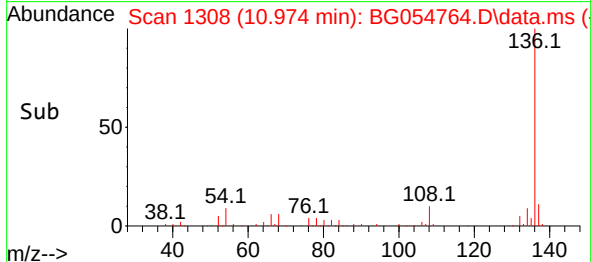
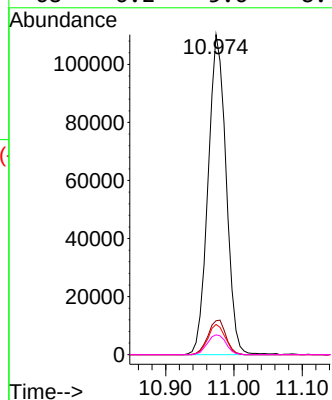
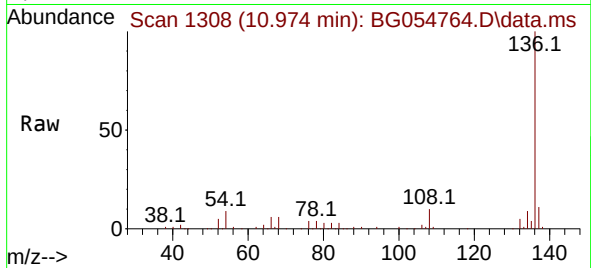




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.974 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

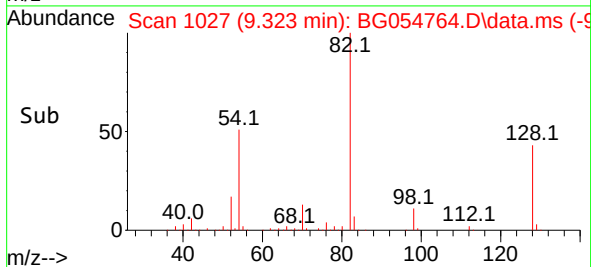
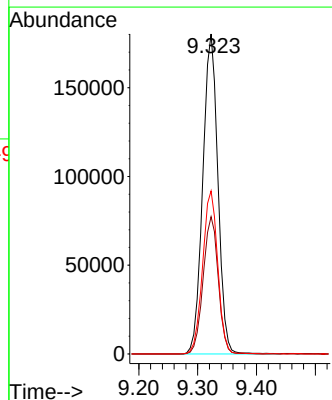
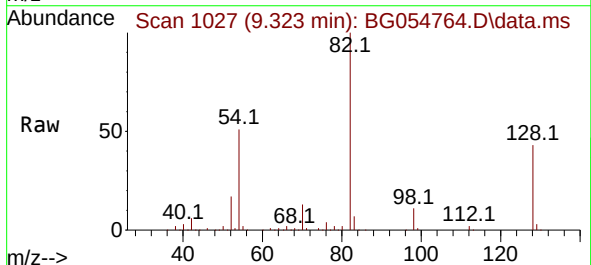
Instrument :  
BNA\_G  
ClientSampleId :  
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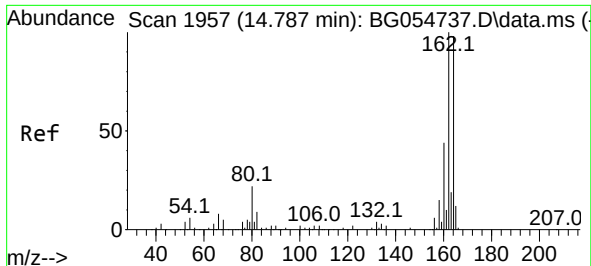
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 202793 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.2   | 13.8   |
| 54       | 9.4   | 7.7   | 11.5   |
| 68       | 6.2   | 5.6   | 8.4    |



#23  
Nitrobenzene-d5  
Concen: 83.236 ng  
RT: 9.323 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 321538 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.9  | 32.2  | 48.2   |
| 54       | 50.9  | 41.4  | 62.0   |

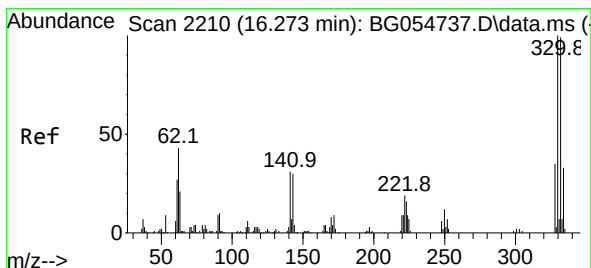
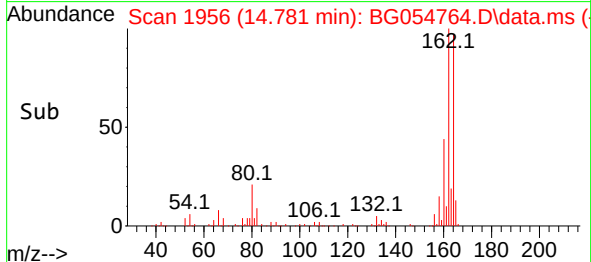
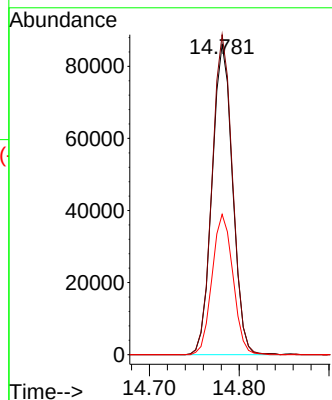
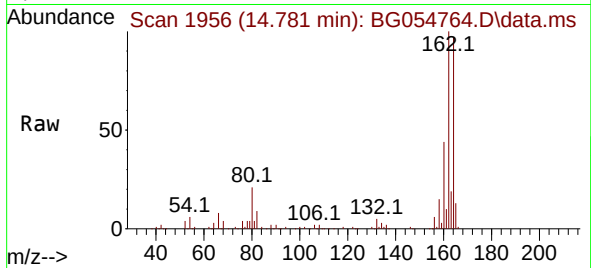




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.781 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

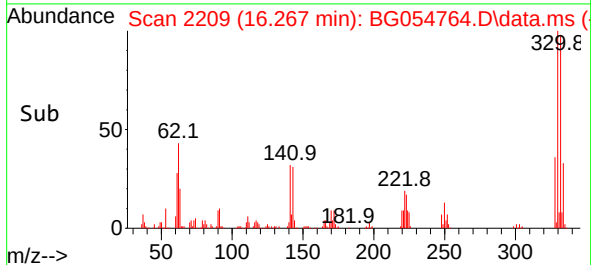
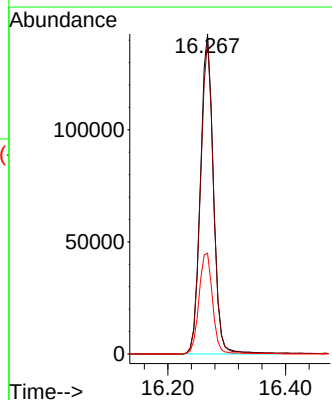
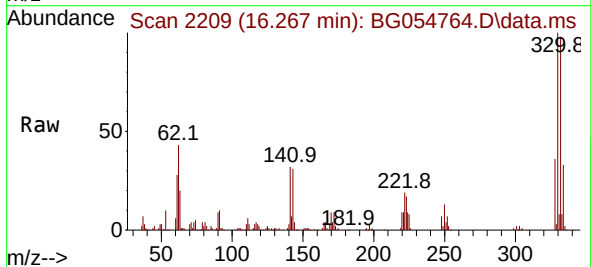
Instrument :  
BNA\_G  
ClientSampleId :  
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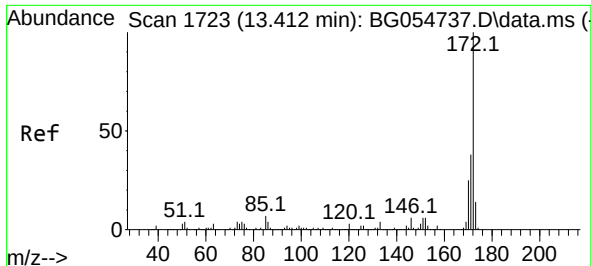
Tgt Ion:164 Resp: 136523  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.0 124.4  
160 45.2 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 128.508 ng  
RT: 16.267 min Scan# 2209  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:330 Resp: 219228  
Ion Ratio Lower Upper  
330 100  
332 96.7 79.8 119.6  
141 32.9 26.8 40.2

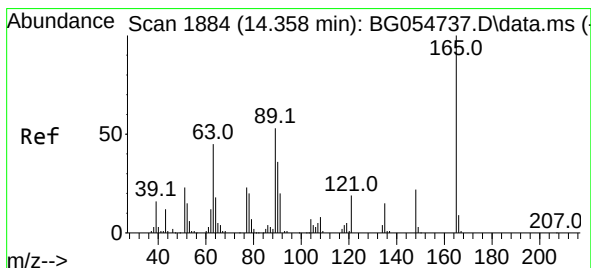
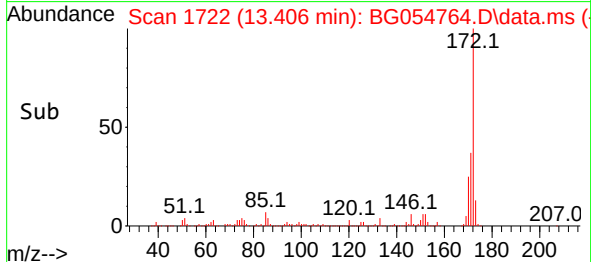
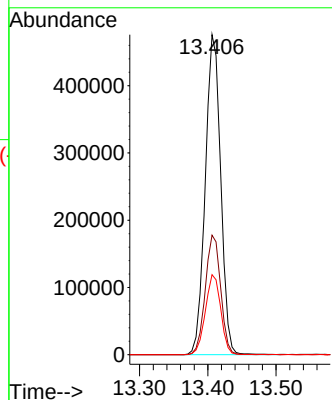
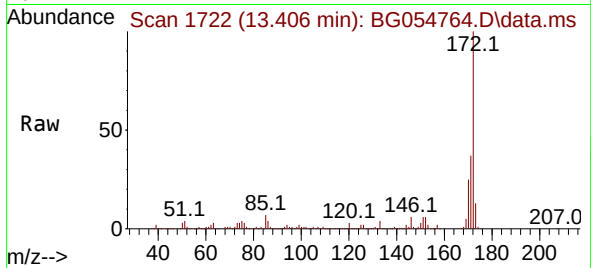




#45  
2-Fluorobiphenyl  
Concen: 82.365 ng  
RT: 13.406 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

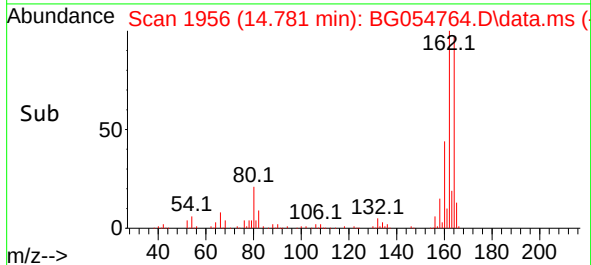
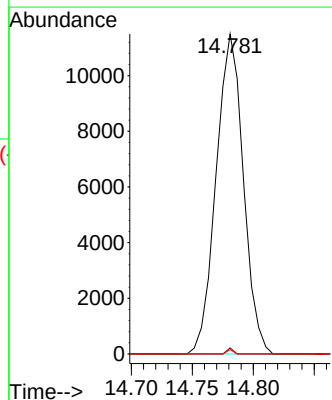
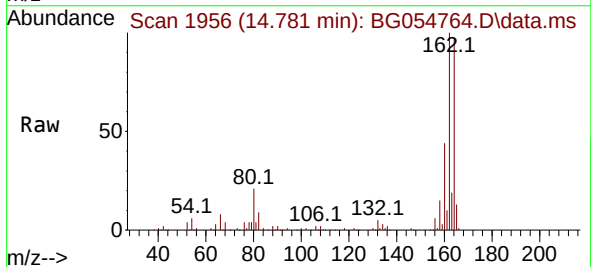
Instrument :  
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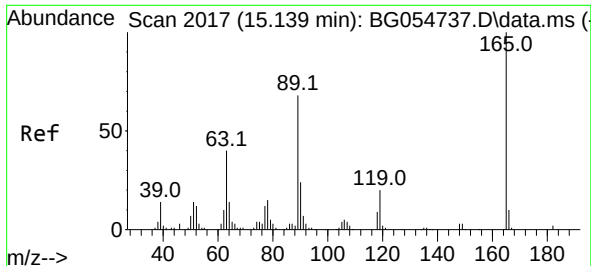
Tgt Ion:172 Resp: 748142  
Ion Ratio Lower Upper  
172 100  
171 37.3 31.2 46.8  
170 25.0 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 8.303 ng  
RT: 14.781 min Scan# 1956  
Delta R.T. 0.423 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:165 Resp: 17863  
Ion Ratio Lower Upper  
165 100  
63 1.9 46.0 69.0#  
89 1.3 50.3 75.5#

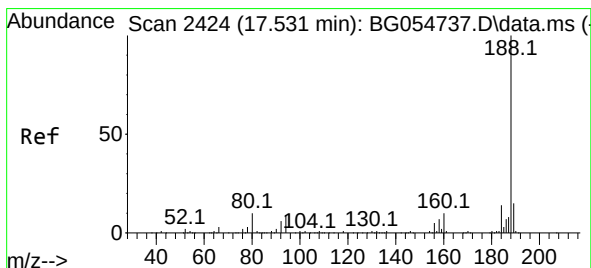
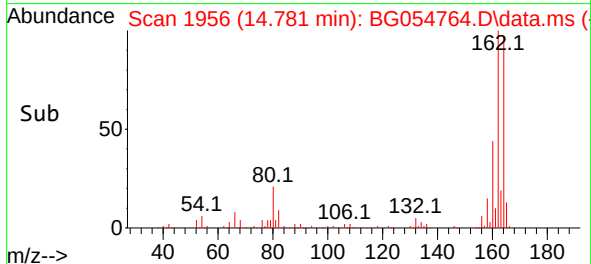
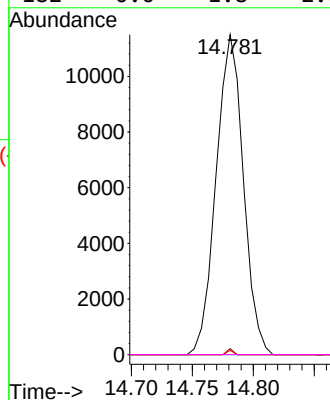
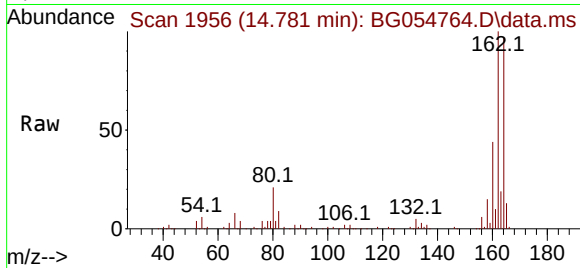




#57  
2,4-Dinitrotoluene  
Concen: 6.003 ng  
RT: 14.781 min Scan# 1956  
Delta R.T. -0.358 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

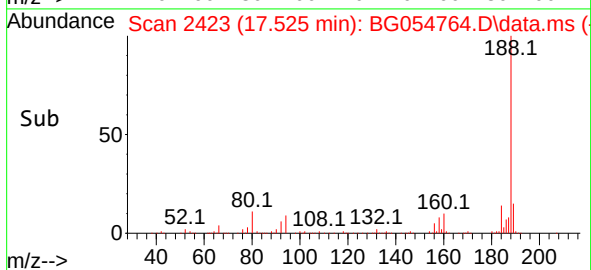
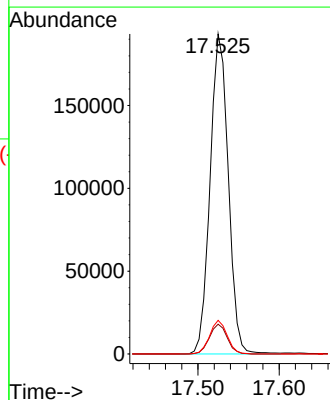
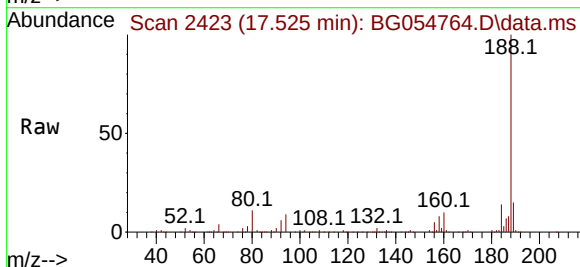
Instrument :  
BNA\_G  
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Tgt Ion:165 Resp: 17863  
Ion Ratio Lower Upper  
165 100  
63 1.9 36.8 55.2#  
89 1.3 64.3 96.5#  
182 0.0 1.8 2.6#

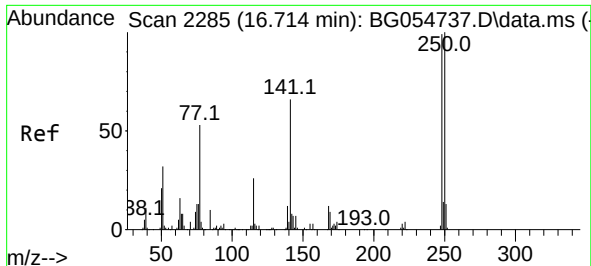


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.525 min Scan# 2423  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:188 Resp: 300331  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.0 10.4  
80 10.5 7.9 11.9



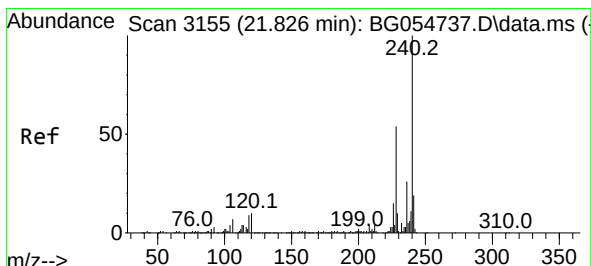
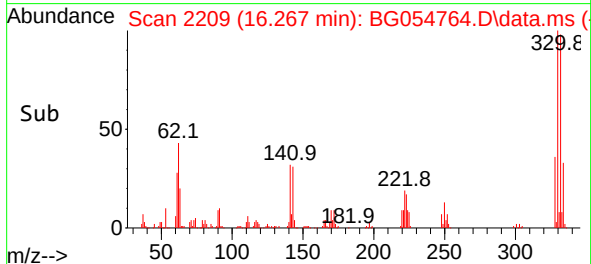
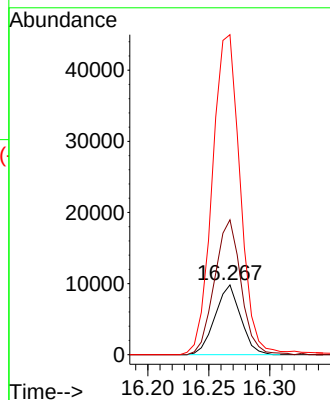
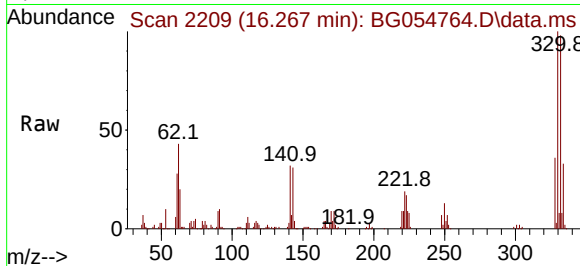




#67  
4-Bromophenyl-phenylether  
Concen: 4.353 ng  
RT: 16.267 min Scan# 21  
Delta R.T. -0.447 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

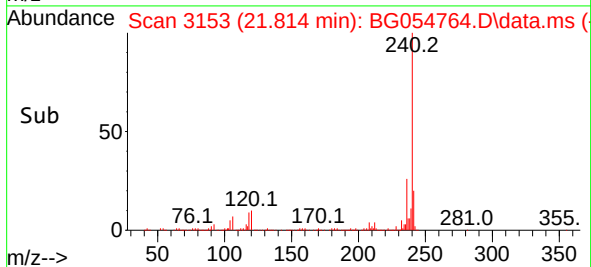
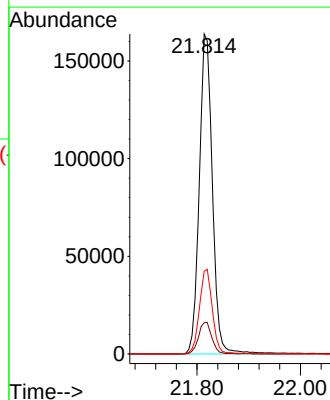
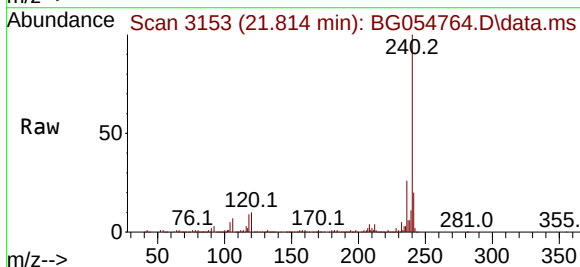
Instrument :  
BNA\_G  
ClientSampleId :  
WC-3

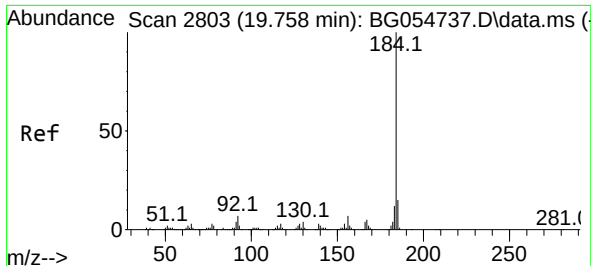
Tgt Ion:248 Resp: 14353  
Ion Ratio Lower Upper  
248 100  
250 193.4 78.8 118.2#  
141 458.9 51.9 77.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.814 min Scan# 3153  
Delta R.T. -0.012 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:240 Resp: 288127  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.2 12.4  
236 25.9 21.2 31.8

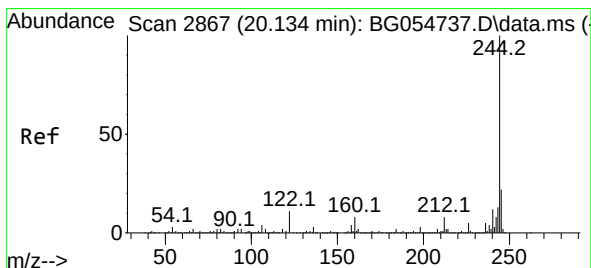
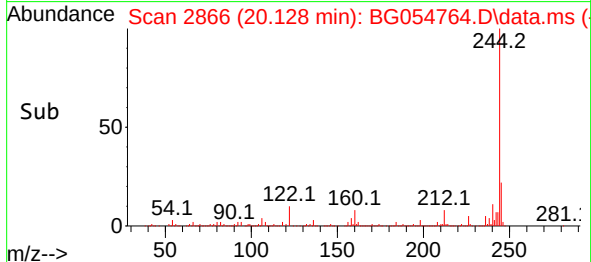
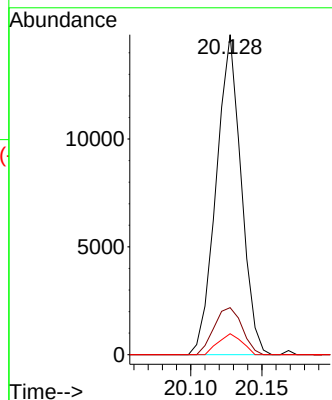
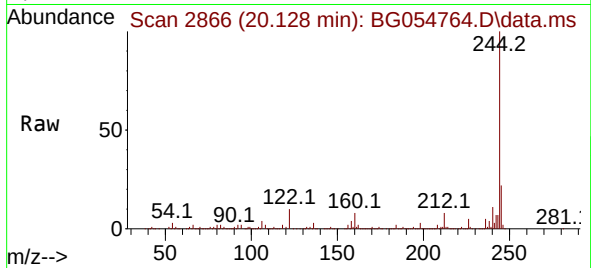




#77  
Benzidine  
Concen: 2.530 ng  
RT: 20.128 min Scan# 2866  
Delta R.T. 0.370 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

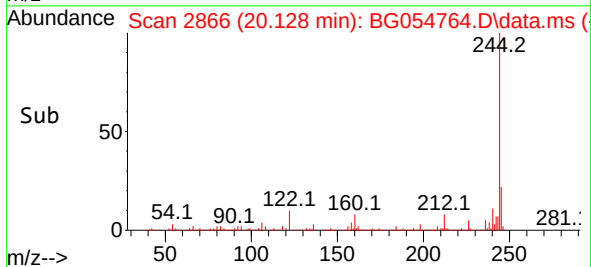
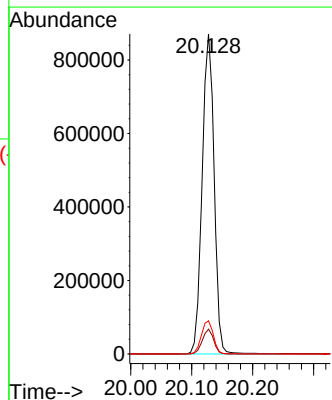
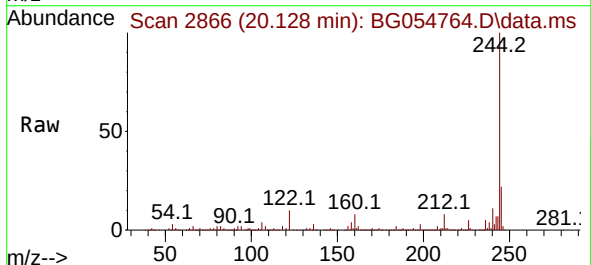
Instrument :  
BNA\_G  
ClientSampleId :  
WC-3

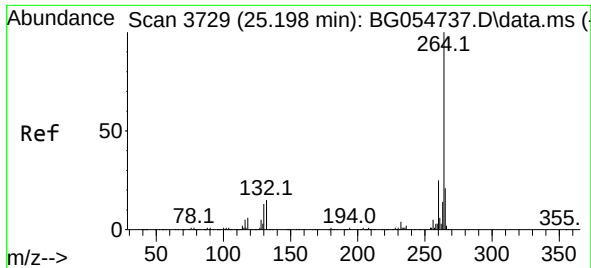
Tgt Ion:184 Resp: 18058  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.4 17.0  
183 6.5 9.8 14.8#



#79  
Terphenyl-d14  
Concen: 81.364 ng  
RT: 20.128 min Scan# 2866  
Delta R.T. -0.006 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Tgt Ion:244 Resp: 1183172  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.2 9.2  
122 10.3 9.0 13.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.180 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BG054764.D  
Acq: 26 Aug 2022 20:59

Instrument :  
BNA\_G  
ClientSampleId :  
WC-3

Tgt Ion:264 Resp: 299530  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.9 29.9  
265 20.7 16.9 25.3

