

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022822\  
 Data File : BG052505.D  
 Acq On : 28 Feb 2022 17:27  
 Operator : CG/JU  
 Sample : N1664-08RE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-3

Quant Time: Mar 01 00:59:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 08 01:21:20 2022  
 Response via : Initial Calibration

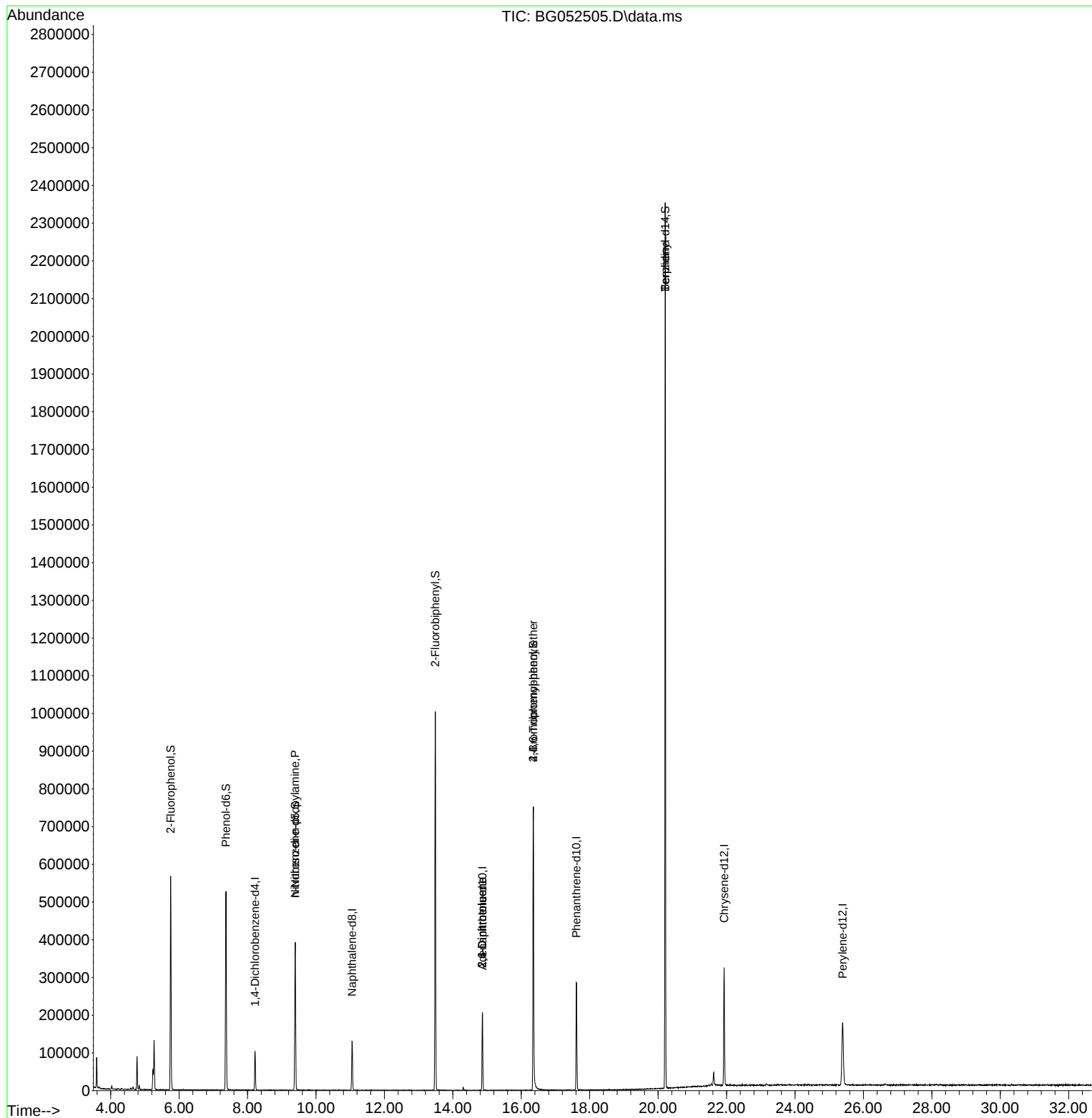
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.217  | 152  | 29271    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.055 | 136  | 112941   | 20.000    | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.867 | 164  | 77643    | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.610 | 188  | 194957   | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.928 | 240  | 209313   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 25.394 | 264  | 206863   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.750  | 112  | 243213   | 144.815   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.365  | 99   | 313552   | 121.000   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.392  | 82   | 251397   | 96.741    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.353 | 330  | 174136   | 156.111   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.487 | 172  | 547295   | 97.946    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.207 | 244  | 1175531  | 99.173    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.360  | 77   | 289      | Below Cal | #     | 8        |
| 19) n-Nitroso-di-n-propyla... | 9.392  | 70   | 35060    | 17.946    | ng    | # 71     |
| 51) 2,6-Dinitrotoluene        | 14.861 | 165  | 10994    | 8.566     | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.861 | 165  | 10994    | 6.018     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 16.353 | 248  | 10315    | 4.351     | ng    | # 1      |
| 77) Benzidine                 | 20.207 | 184  | 16656    | 3.724     | ng    | # 94     |
| -----                         |        |      |          |           |       |          |

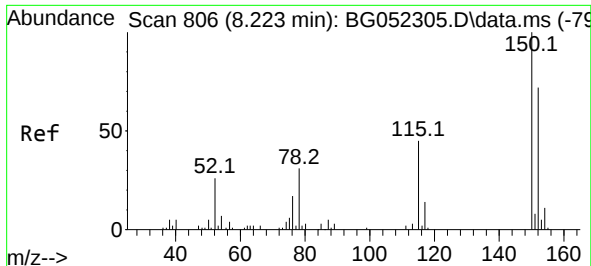
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 08 01:21:20 2022  
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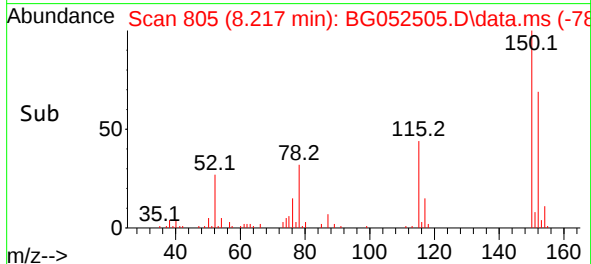
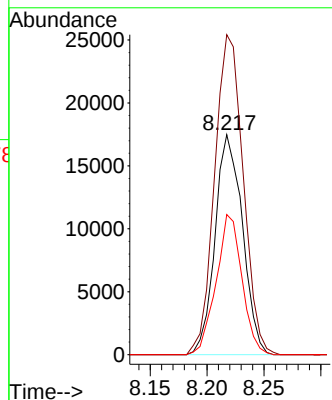
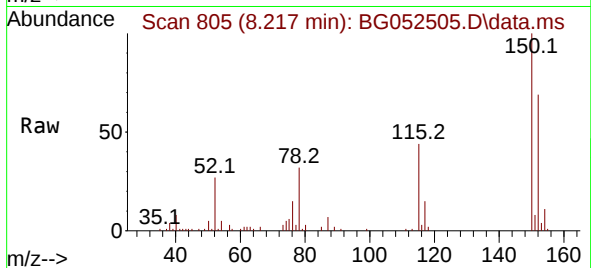




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.217 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

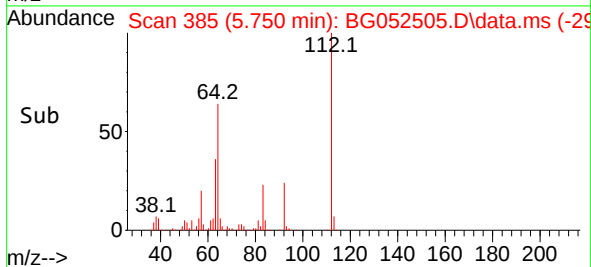
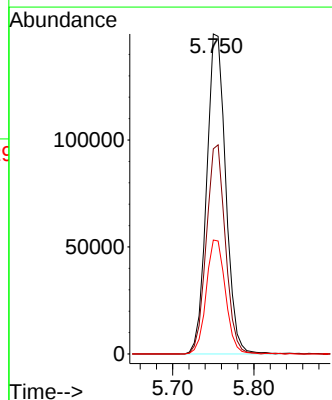
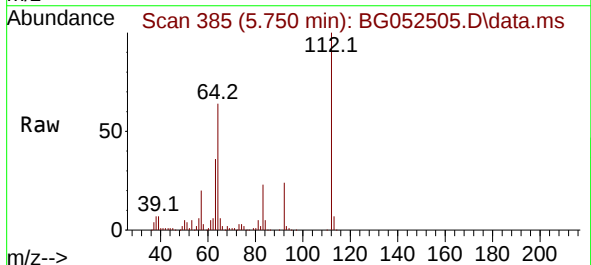
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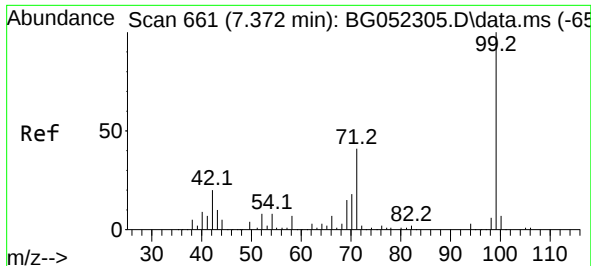
Tgt Ion:152 Resp: 29271  
Ion Ratio Lower Upper  
152 100  
150 145.4 117.8 176.8  
115 63.7 50.2 75.2



#5  
2-Fluorophenol  
Concen: 144.815 ng  
RT: 5.750 min Scan# 385  
Delta R.T. -0.000 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:112 Resp: 243213  
Ion Ratio Lower Upper  
112 100  
64 64.1 60.4 90.6  
63 35.6 33.3 49.9

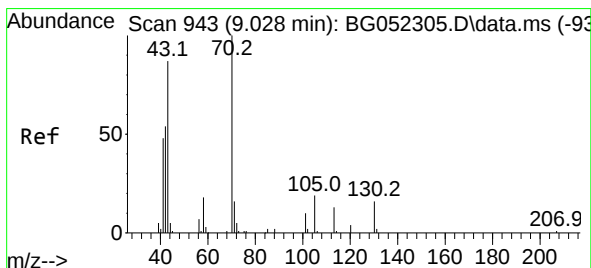
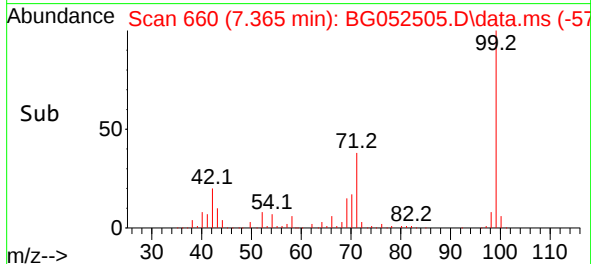
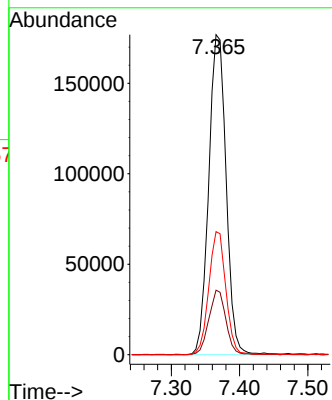
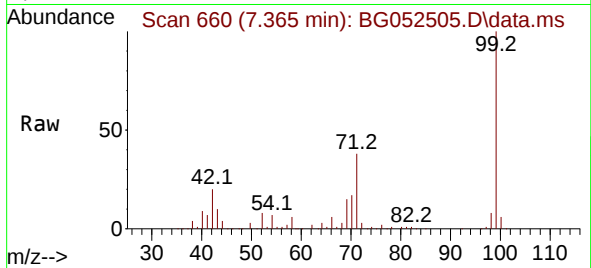




#7  
Phenol-d6  
Concen: 121.000 ng  
RT: 7.365 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

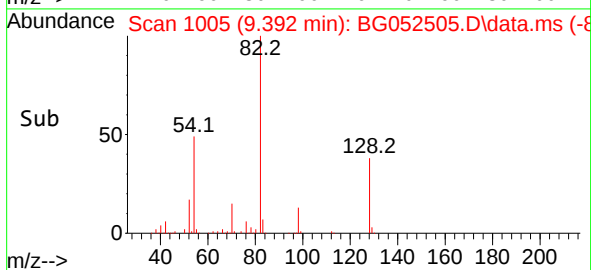
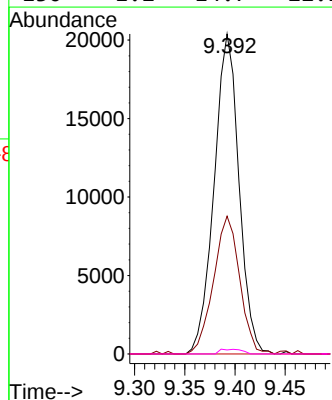
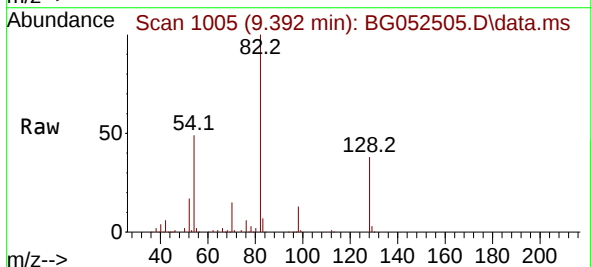
Instrument :  
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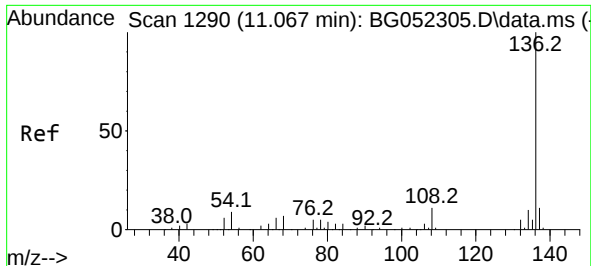
Tgt Ion: 99 Resp: 313552  
Ion Ratio Lower Upper  
99 100  
42 20.1 19.1 28.7  
71 38.5 33.4 50.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.946 ng  
RT: 9.392 min Scan# 1005  
Delta R.T. 0.364 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion: 70 Resp: 35060  
Ion Ratio Lower Upper  
70 100  
42 43.0 51.8 77.6#  
101 0.0 6.6 10.0#  
130 1.2 14.7 22.1#

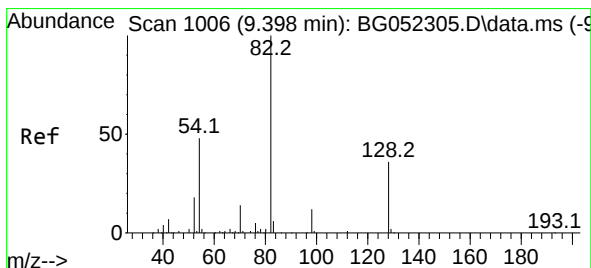
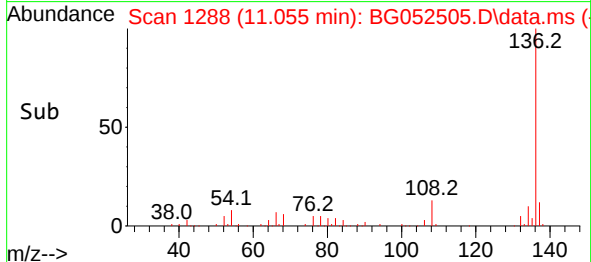
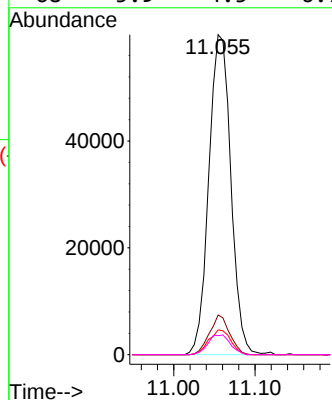
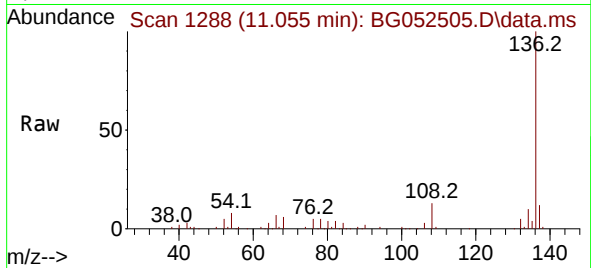




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.055 min Scan# 11055  
Delta R.T. -0.012 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

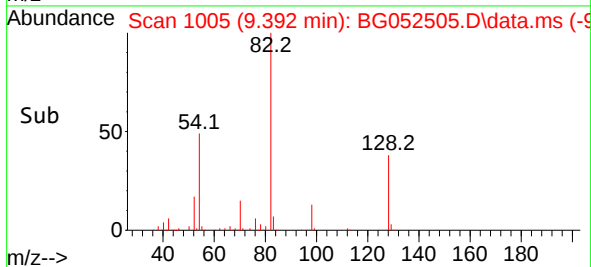
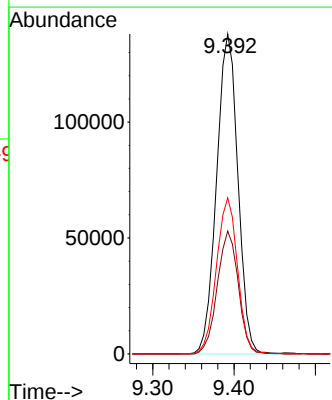
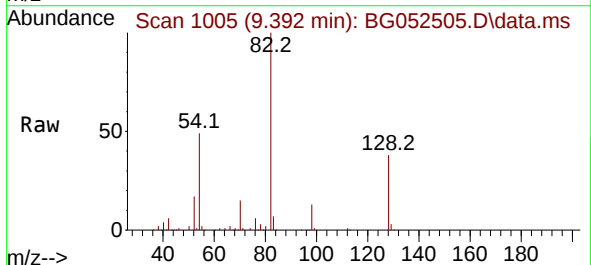
Instrument :  
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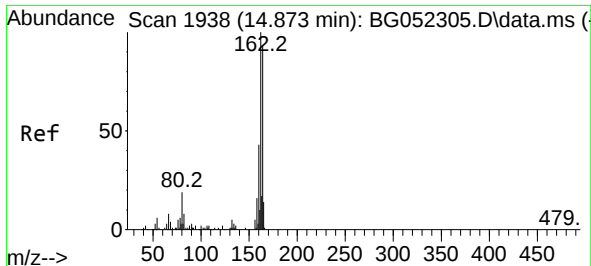
Tgt Ion:136 Resp: 112941  
Ion Ratio Lower Upper  
136 100  
137 12.4 9.1 13.7  
54 7.8 8.3 12.5#  
68 5.9 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 96.741 ng  
RT: 9.392 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion: 82 Resp: 251397  
Ion Ratio Lower Upper  
82 100  
128 38.4 27.0 40.4  
54 48.8 41.0 61.6

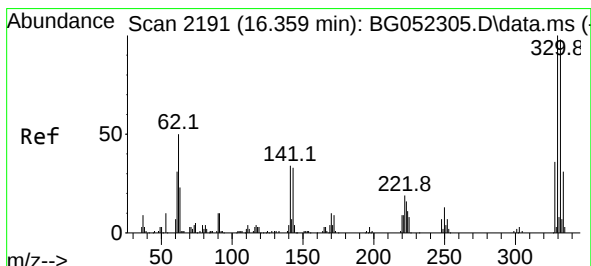
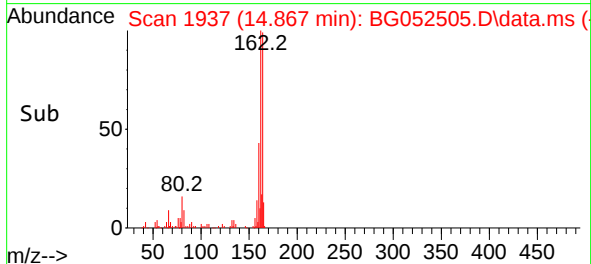
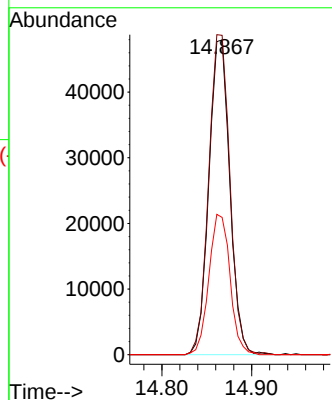
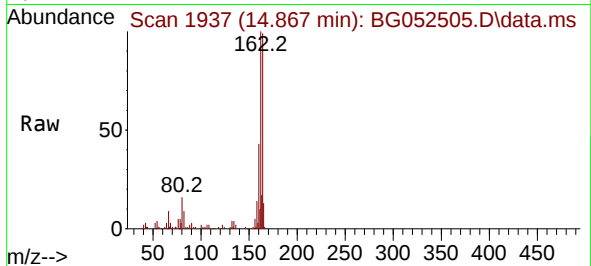




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.867 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

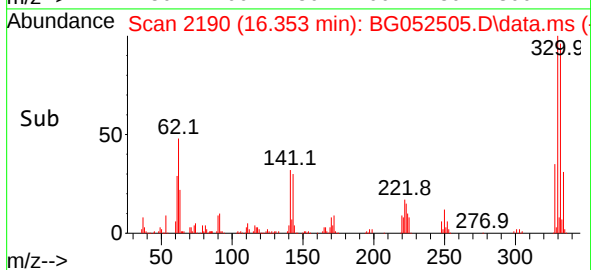
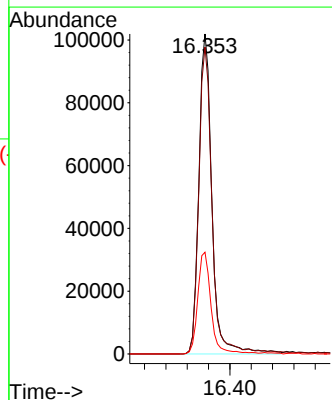
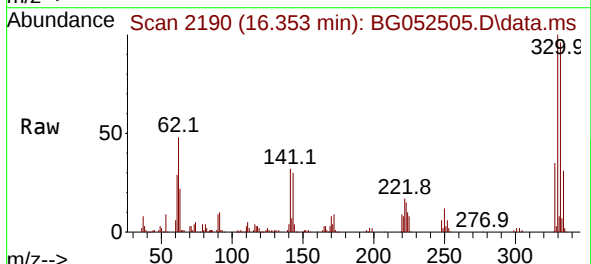
Instrument :  
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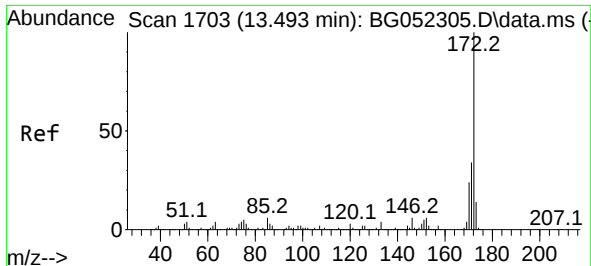
Tgt Ion:164 Resp: 77643  
Ion Ratio Lower Upper  
164 100  
162 101.5 82.2 123.2  
160 43.6 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 156.111 ng  
RT: 16.353 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:330 Resp: 174136  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.6 117.8  
141 32.2 28.8 43.2

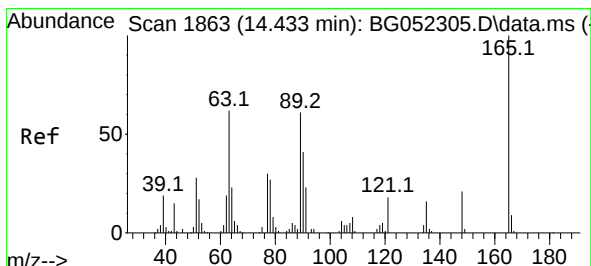
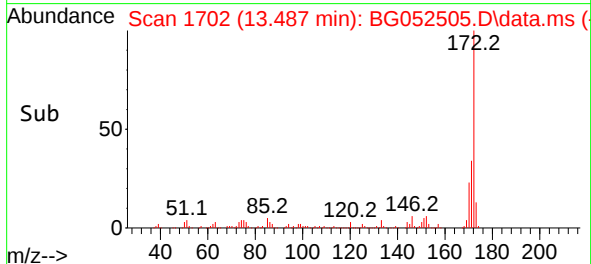
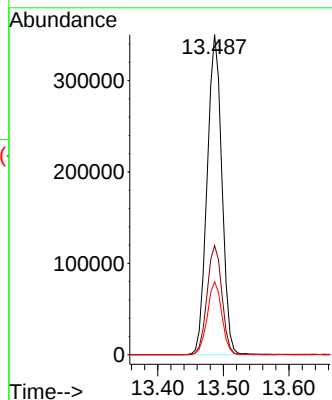
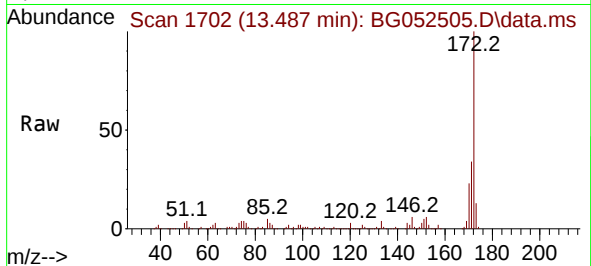




#45  
2-Fluorobiphenyl  
Concen: 97.946 ng  
RT: 13.487 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

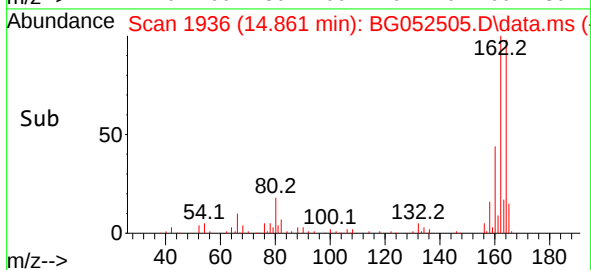
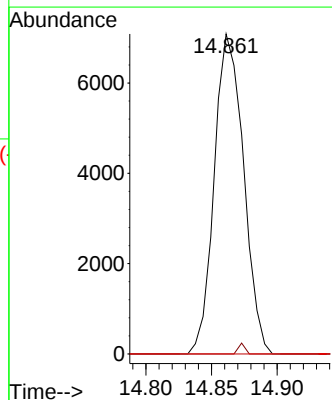
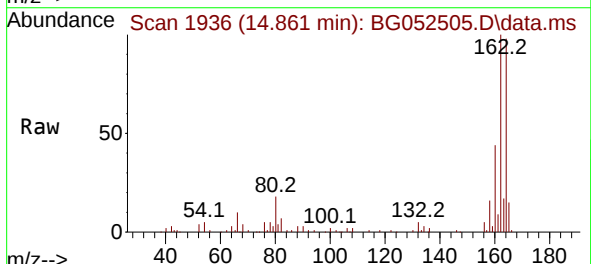
Instrument :  
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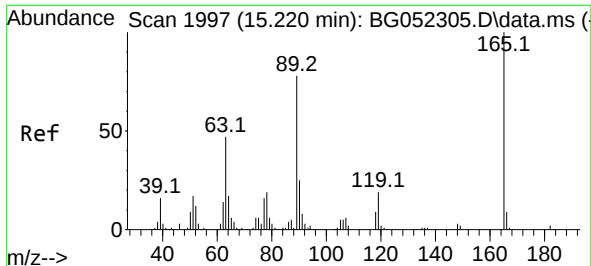
Tgt Ion:172 Resp: 547295  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.3 42.5  
170 22.8 18.3 27.5



#51  
2,6-Dinitrotoluene  
Concen: 8.566 ng  
RT: 14.861 min Scan# 1936  
Delta R.T. 0.429 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:165 Resp: 10994  
Ion Ratio Lower Upper  
165 100  
63 0.0 59.0 88.4#  
89 0.0 49.4 74.0#

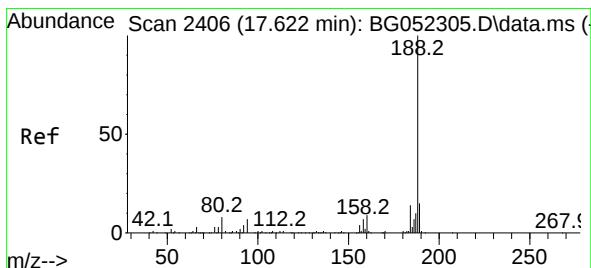
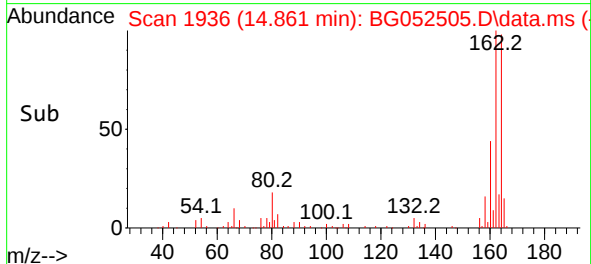
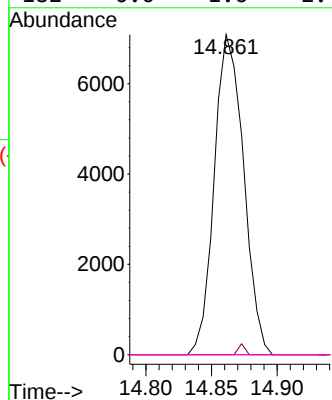
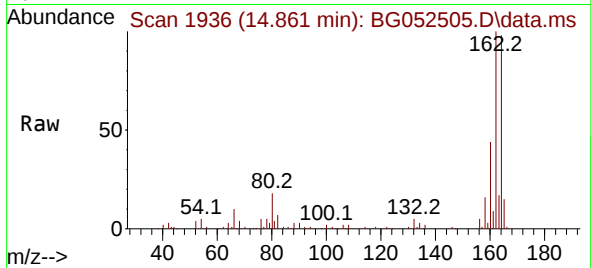




#57  
2,4-Dinitrotoluene  
Concen: 6.018 ng  
RT: 14.861 min Scan# 1936  
Delta R.T. -0.359 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

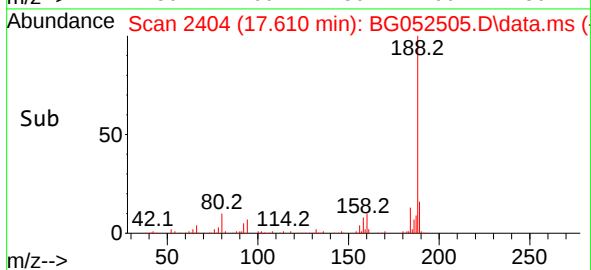
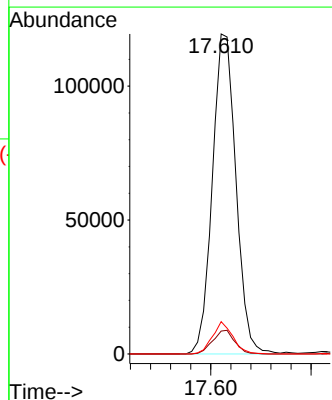
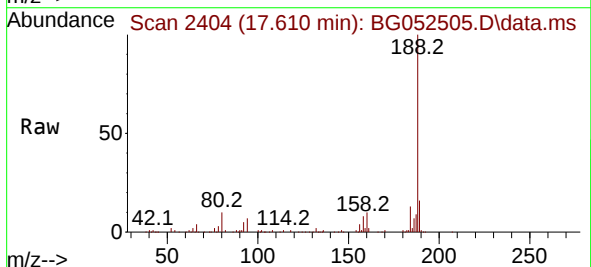
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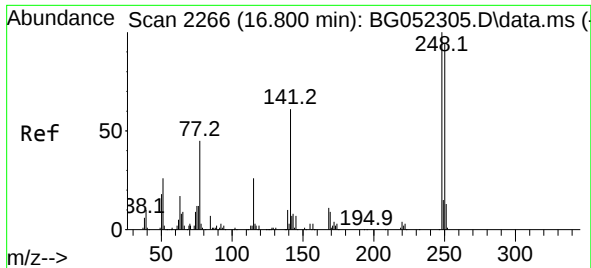
Tgt Ion:165 Resp: 10994  
Ion Ratio Lower Upper  
165 100  
63 0.0 44.6 66.8#  
89 0.0 67.4 101.0#  
182 0.0 1.6 2.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.610 min Scan# 2404  
Delta R.T. -0.012 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:188 Resp: 194957  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.9 8.9  
80 10.1 6.6 10.0#

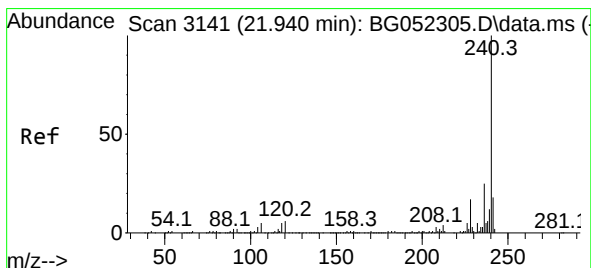
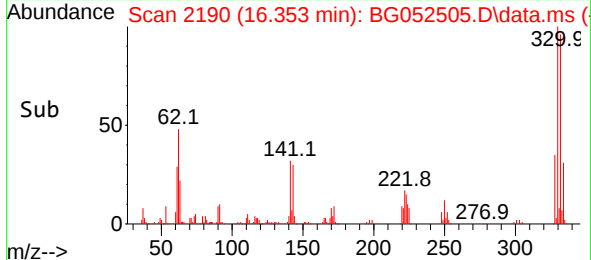
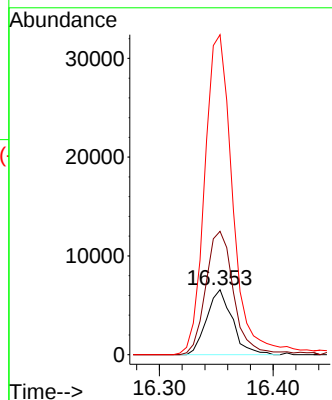
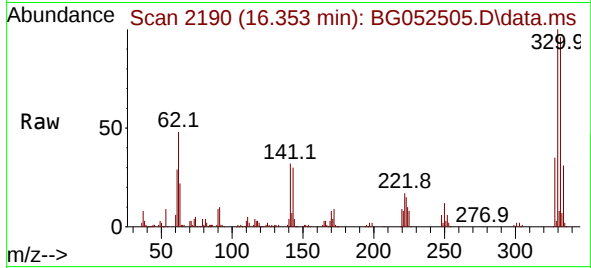




#67  
4-Bromophenyl-phenylether  
Concen: 4.351 ng  
RT: 16.353 min Scan# 21190  
Delta R.T. -0.447 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

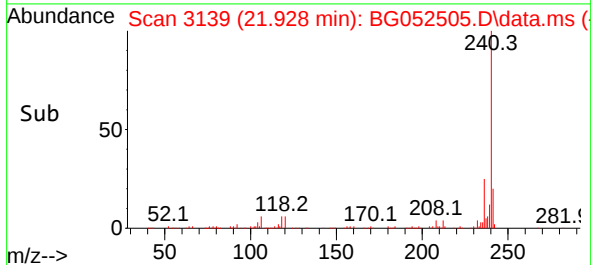
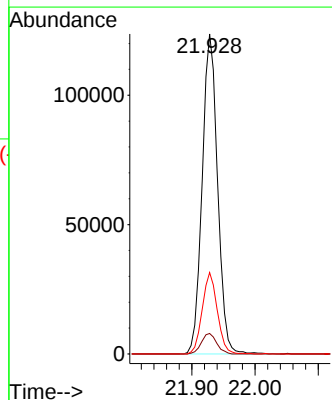
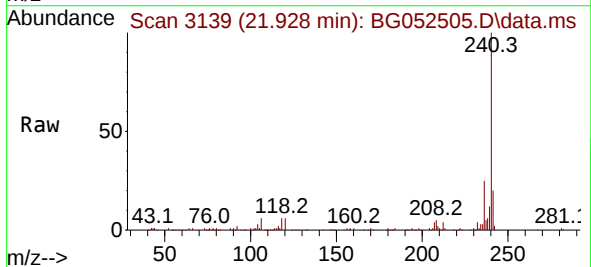
Instrument :  
BNA\_G  
ClientSampleId :  
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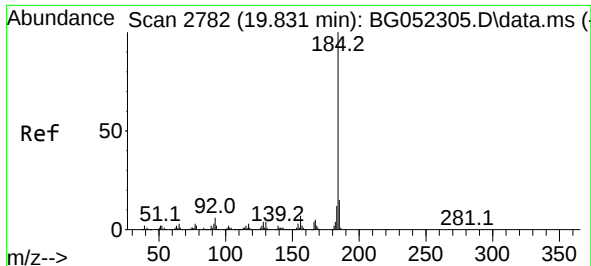
Tgt Ion:248 Resp: 10315  
Ion Ratio Lower Upper  
248 100  
250 190.1 79.6 119.4#  
141 493.2 54.6 81.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.928 min Scan# 3139  
Delta R.T. -0.012 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:240 Resp: 209313  
Ion Ratio Lower Upper  
240 100  
120 6.4 4.4 6.6  
236 25.5 20.8 31.2

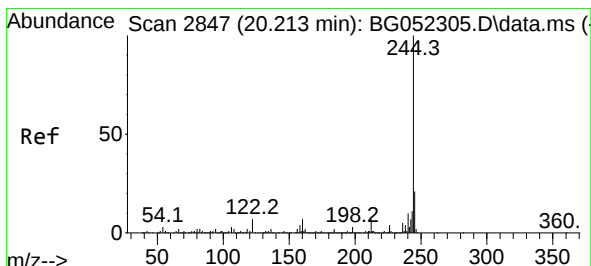
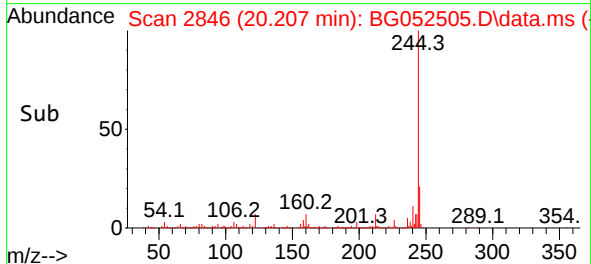
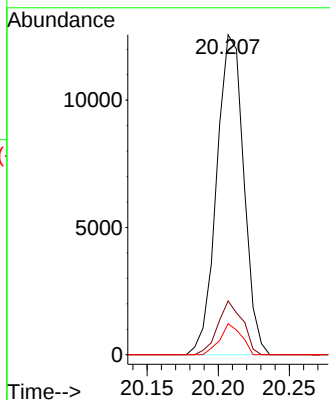
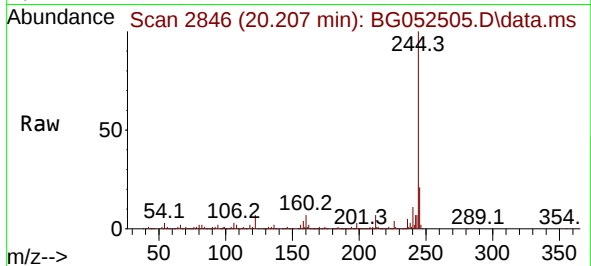




#77  
Benzidine  
Concen: 3.724 ng  
RT: 20.207 min Scan# 2846  
Delta R.T. 0.376 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

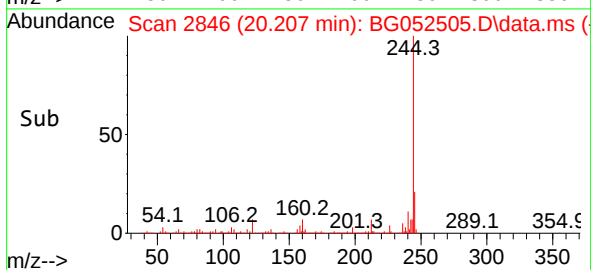
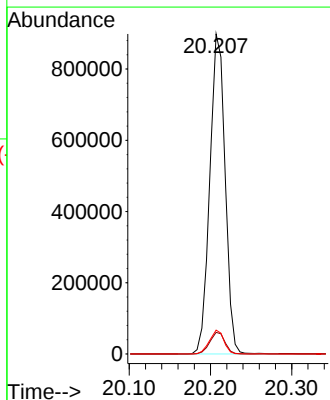
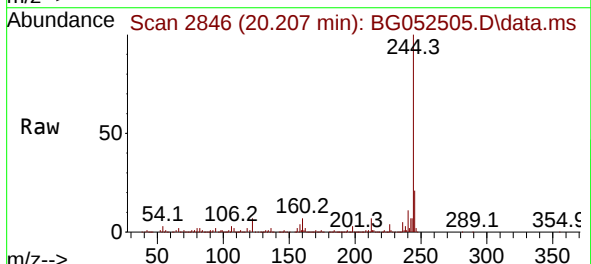
Instrument :  
BNA\_G  
ClientSampleId :  
TP-3

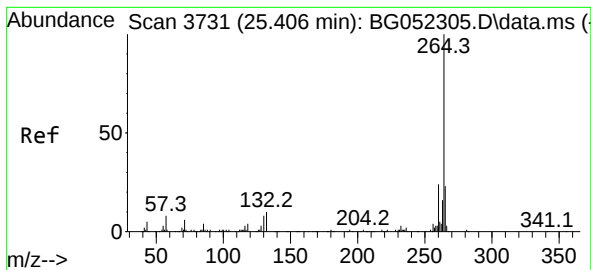
Tgt Ion:184 Resp: 16656  
Ion Ratio Lower Upper  
184 100  
185 16.8 11.8 17.8  
183 9.7 9.8 14.6#



#79  
Terphenyl-d14  
Concen: 99.173 ng  
RT: 20.207 min Scan# 2846  
Delta R.T. -0.006 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Tgt Ion:244 Resp: 1175531  
Ion Ratio Lower Upper  
244 100  
212 6.8 6.0 9.0  
122 7.4 6.2 9.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.394 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG052505.D  
Acq: 28 Feb 2022 17:27

Instrument :  
BNA\_G  
ClientSampleId :  
TP-3

Tgt Ion:264 Resp: 206863  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.5  | 27.7  |
| 265 | 21.8  | 17.8  | 26.6  |

