

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092022\  
 Data File : BG054990.D  
 Acq On : 20 Sep 2022 17:28  
 Operator : CG/JU  
 Sample : N4697-18  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 21 02:53:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 17:41:40 2022  
 Response via : Initial Calibration

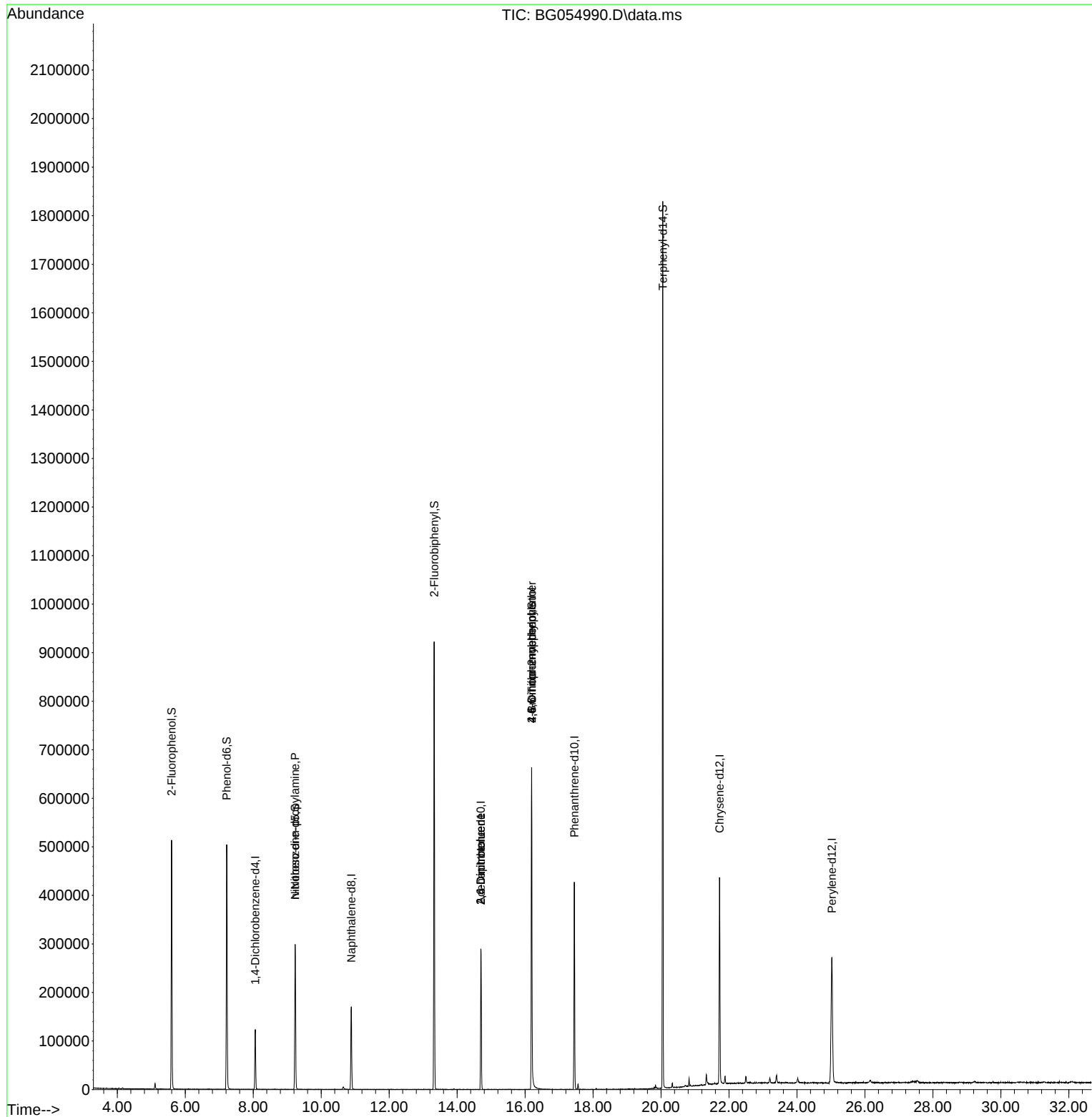
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.061  | 152  | 39588    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.887 | 136  | 159499   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.700 | 164  | 112114   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.450 | 188  | 274915   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.721 | 240  | 279343   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.029 | 264  | 294148   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.599  | 112  | 248809   | 122.977 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.221  | 99   | 329475   | 121.494 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.236  | 82   | 191406   | 69.557  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.193 | 330  | 160501   | 122.202 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.325 | 172  | 501600   | 70.509  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.053 | 244  | 934403   | 69.971  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.236  | 70   | 23929    | 12.820  | ng    | # 78     |
| 51) 2,6-Dinitrotoluene        | 14.700 | 165  | 14523    | 8.046   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.700 | 165  | 14523    | 5.657   | ng    | # 18     |
| 65) 4,6-Dinitro-2-methylph... | 16.193 | 198  | 255      | 5.152   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.193 | 248  | 9448     | 3.116   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

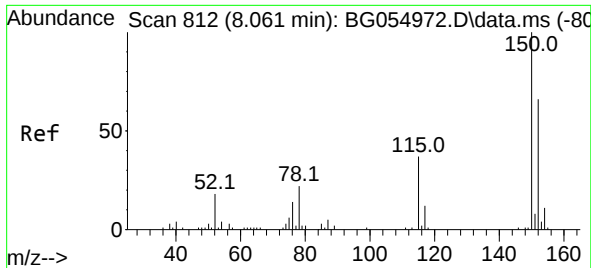
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092022\  
Data File : BG054990.D  
Acq On : 20 Sep 2022 17:28  
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Sample : N4697-18  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

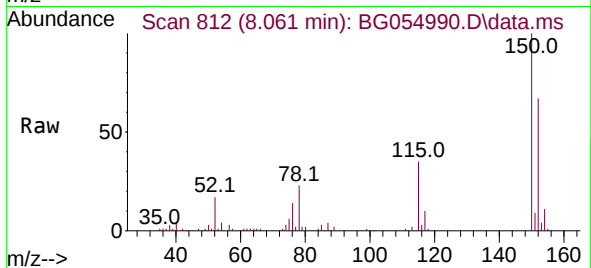
Quant Time: Sep 21 02:53:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 19 17:41:40 2022  
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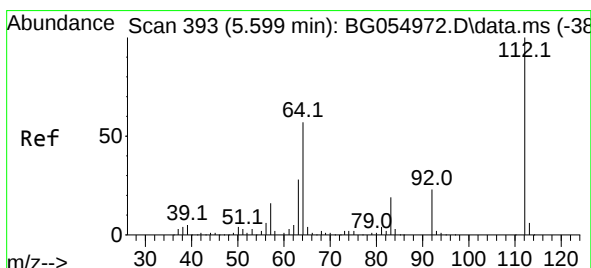
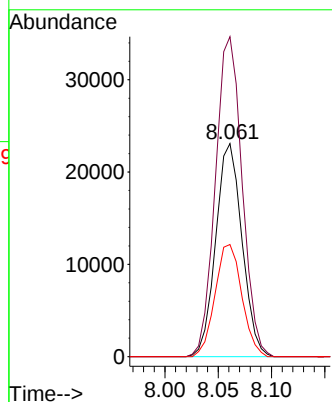
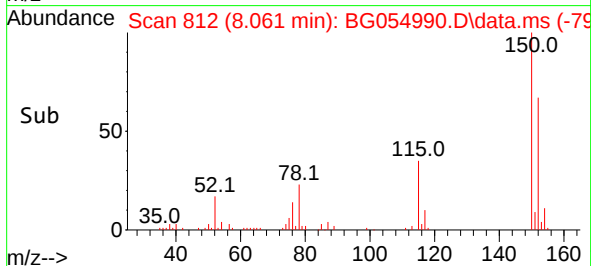


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.061 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

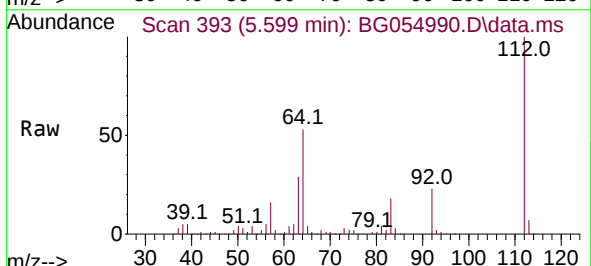
Instrument :  
BNA\_G  
ClientSampleId :



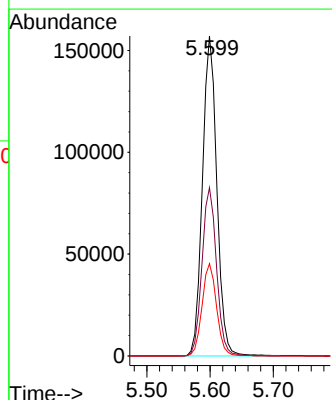
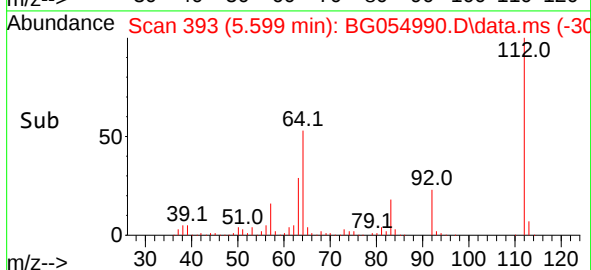
Tgt Ion:152 Resp: 39588  
Ion Ratio Lower Upper  
152 100  
150 150.2 125.2 187.8  
115 52.6 47.9 71.9

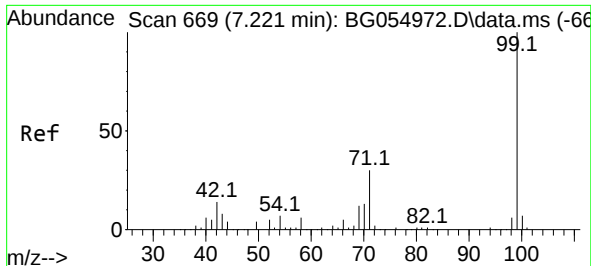


#5  
2-Fluorophenol  
Concen: 122.977 ng  
RT: 5.599 min Scan# 393  
Delta R.T. 0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28



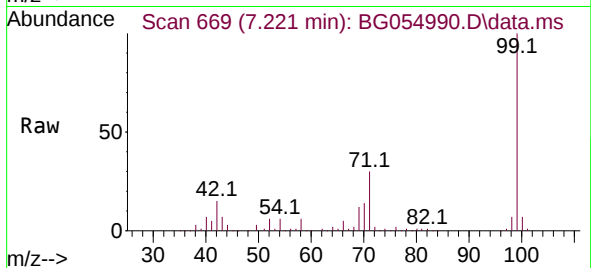
Tgt Ion:112 Resp: 248809  
Ion Ratio Lower Upper  
112 100  
64 52.6 49.3 73.9  
63 28.8 26.3 39.5



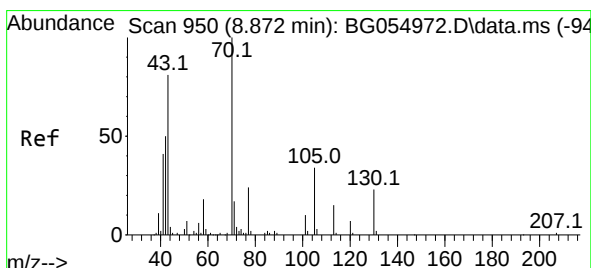
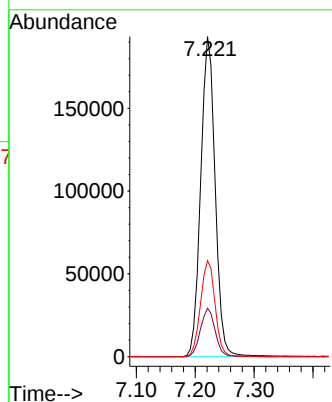
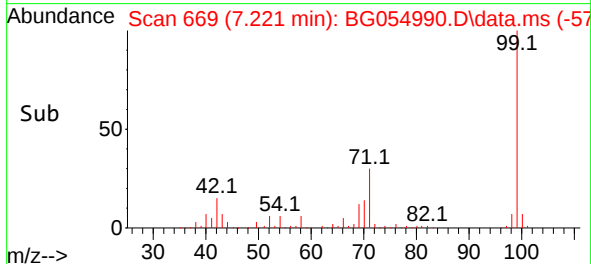


#7  
Phenol-d6  
Concen: 121.494 ng  
RT: 7.221 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

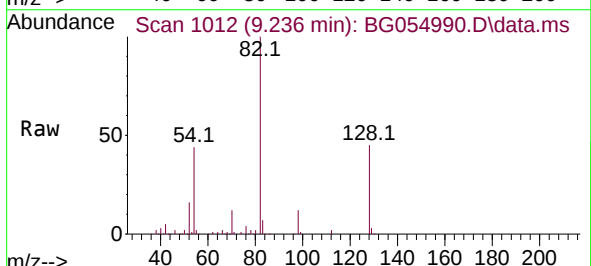
Instrument :  
BNA\_G  
ClientSampleId :



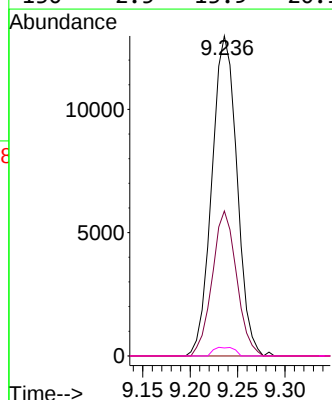
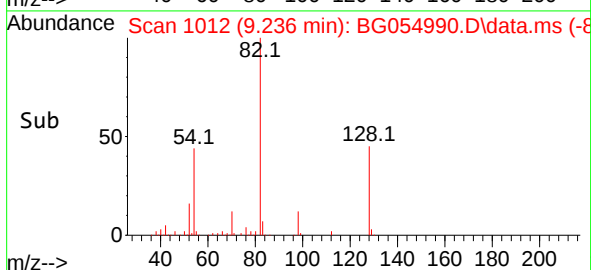
Tgt Ion: 99 Resp: 329475  
Ion Ratio Lower Upper  
99 100  
42 15.1 14.6 22.0  
71 30.0 24.6 37.0

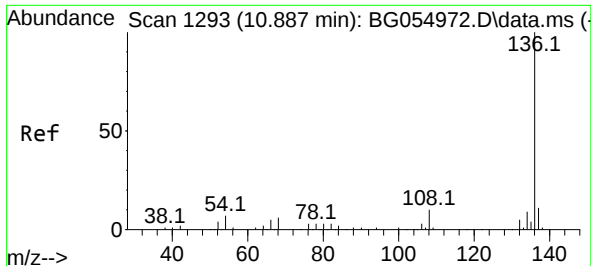


#19  
n-Nitroso-di-n-propylamine  
Concen: 12.820 ng  
RT: 9.236 min Scan# 1012  
Delta R.T. 0.364 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28



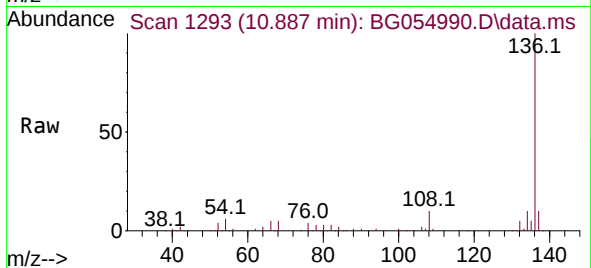
Tgt Ion: 70 Resp: 23929  
Ion Ratio Lower Upper  
70 100  
42 45.3 46.6 69.8#  
101 0.0 7.7 11.5#  
130 2.5 13.9 20.9#



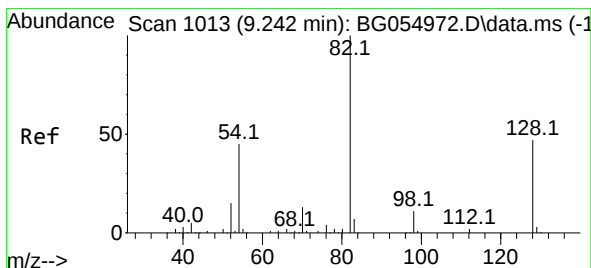
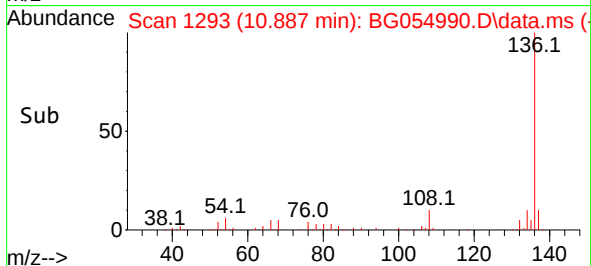
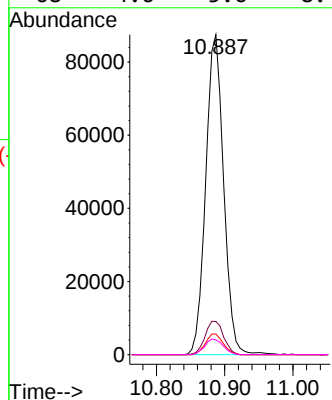


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.887 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

Instrument :  
BNA\_G  
ClientSampleId :

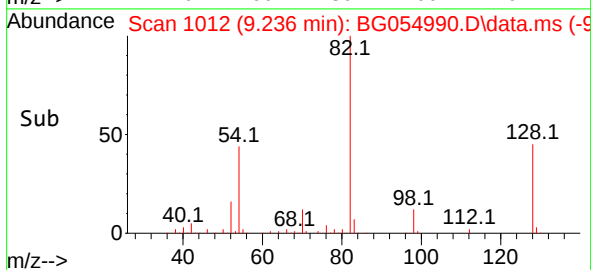
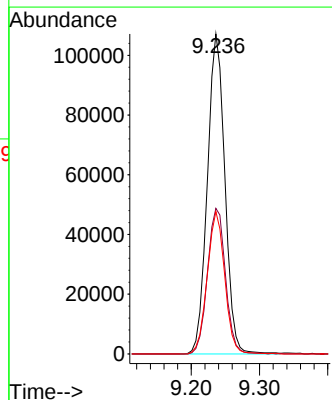
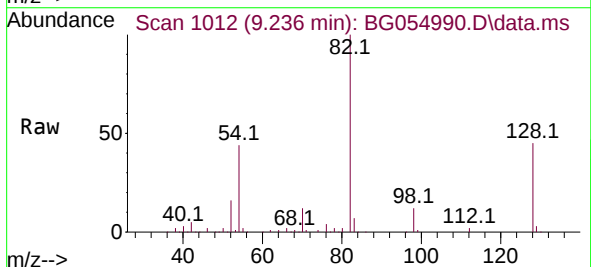


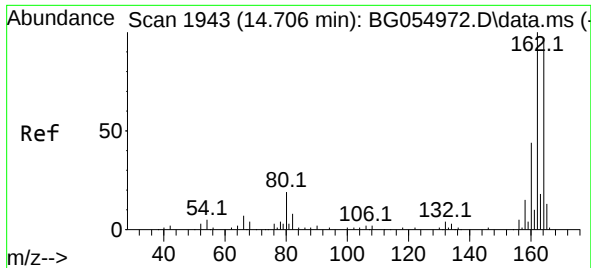
Tgt Ion:136 Resp: 159499  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.2 13.8  
54 6.4 7.7 11.5#  
68 4.6 5.6 8.4#



#23  
Nitrobenzene-d5  
Concen: 69.557 ng  
RT: 9.236 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

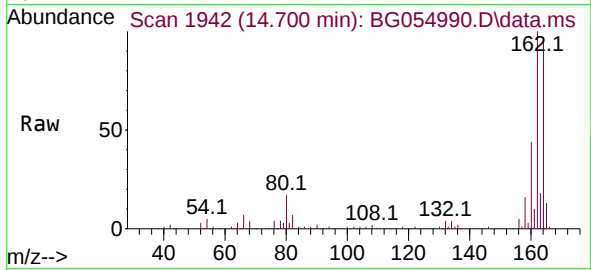
Tgt Ion: 82 Resp: 191406  
Ion Ratio Lower Upper  
82 100  
128 45.5 32.2 48.2  
54 44.5 41.4 62.0





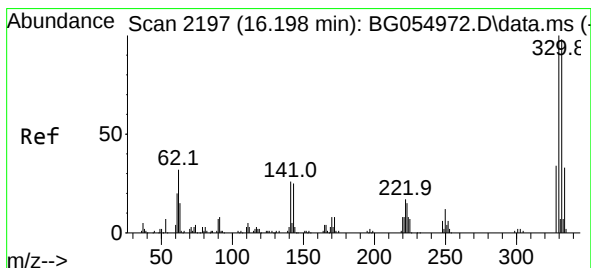
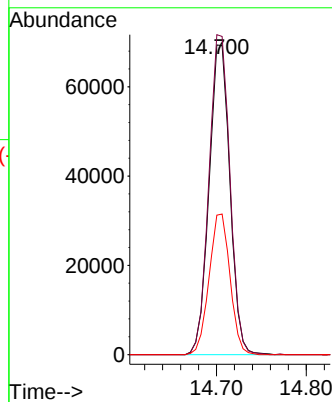
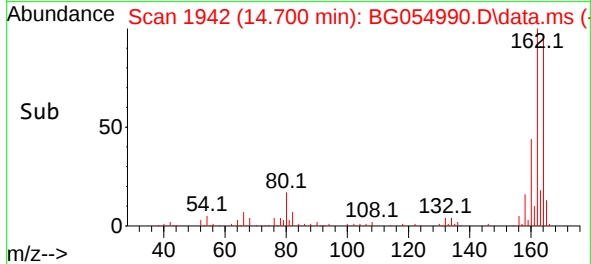
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.700 min Scan# 1943  
 Delta R.T. -0.006 min  
 Lab File: BG054990.D  
 Acq: 20 Sep 2022 17:28

Instrument :  
 BNA\_G  
 ClientSampleId :

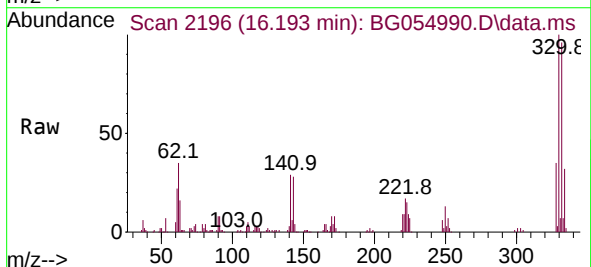


Tgt Ion:164 Resp: 112114  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.3 | 83.0  | 124.4 |
| 160 | 45.0  | 38.0  | 57.0  |

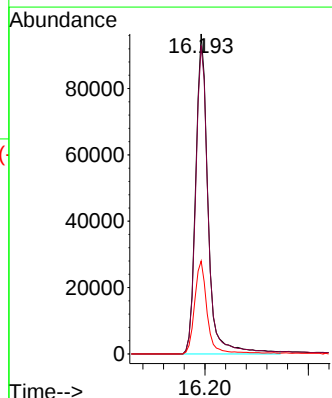
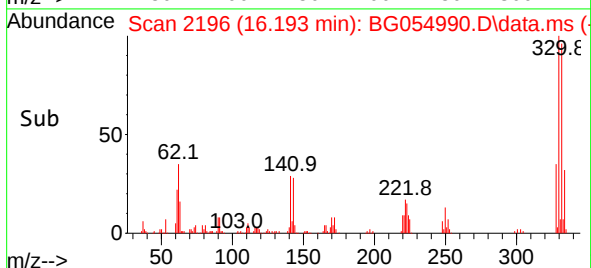


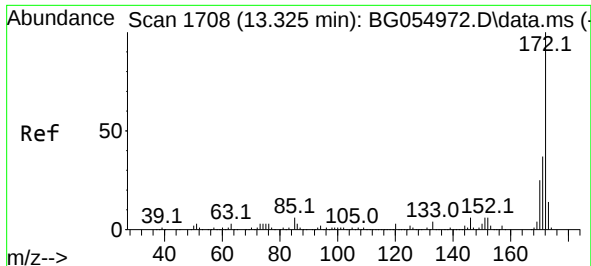
#42  
 2,4,6-Tribromophenol  
 Concen: 122.202 ng  
 RT: 16.193 min Scan# 2196  
 Delta R.T. -0.006 min  
 Lab File: BG054990.D  
 Acq: 20 Sep 2022 17:28



Tgt Ion:330 Resp: 160501  

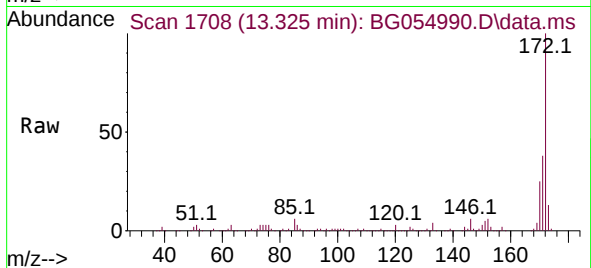
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.4  | 79.8  | 119.6 |
| 141 | 29.4  | 26.8  | 40.2  |



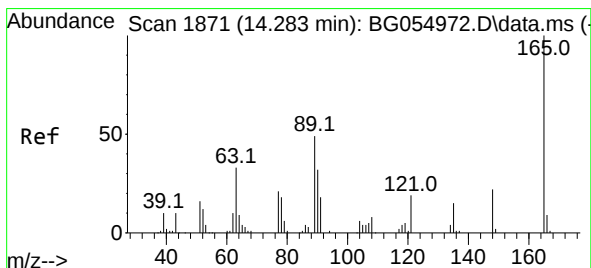
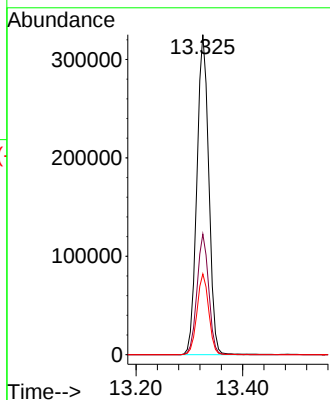
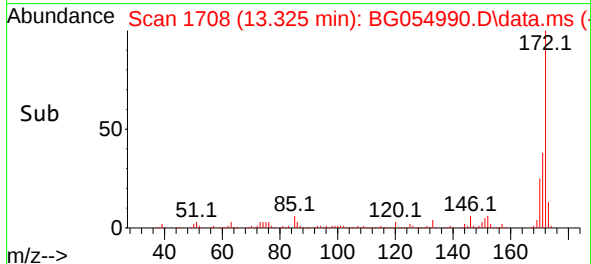


#45  
2-Fluorobiphenyl  
Concen: 70.509 ng  
RT: 13.325 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

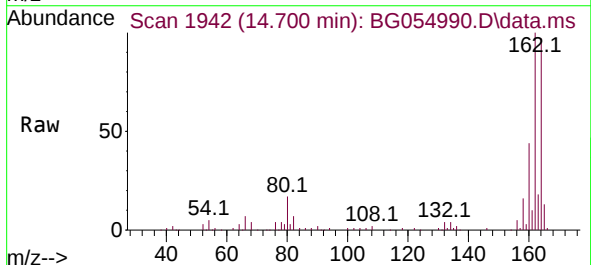
Instrument :  
BNA\_G  
ClientSampleId :



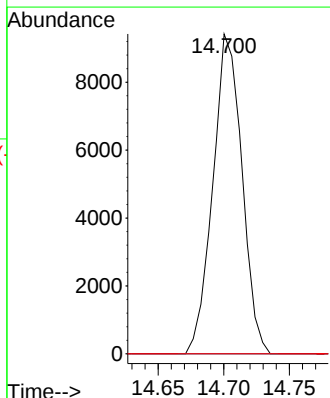
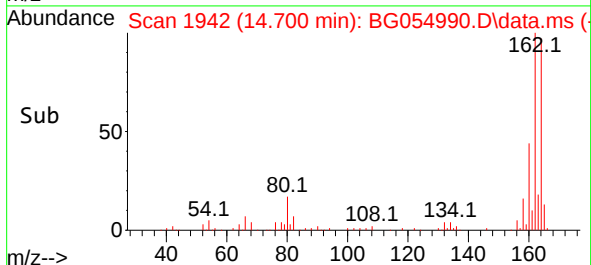
Tgt Ion:172 Resp: 501600  
Ion Ratio Lower Upper  
172 100  
171 37.7 31.2 46.8  
170 25.2 20.6 30.8

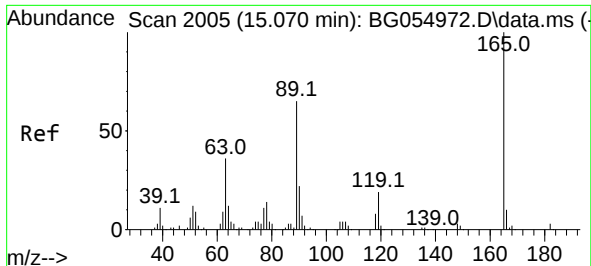


#51  
2,6-Dinitrotoluene  
Concen: 8.046 ng  
RT: 14.700 min Scan# 1942  
Delta R.T. 0.417 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28



Tgt Ion:165 Resp: 14523  
Ion Ratio Lower Upper  
165 100  
63 0.0 46.0 69.0#  
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.657 ng

RT: 14.700 min Scan# 19

Delta R.T. -0.370 min

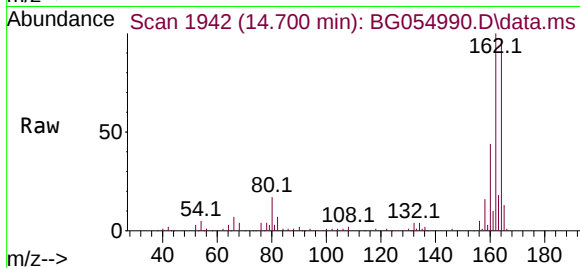
Lab File: BG054990.D

Acq: 20 Sep 2022 17:28

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:165 Resp: 14523

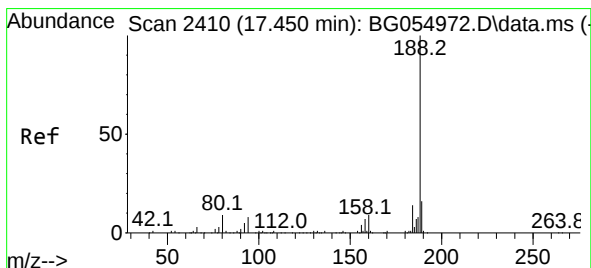
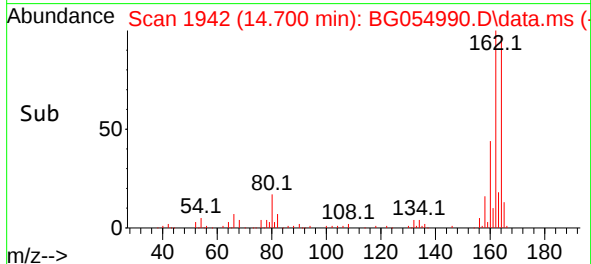
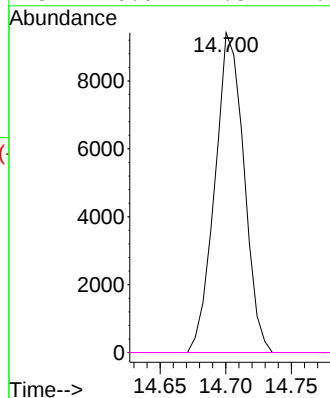
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.450 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BG054990.D

Acq: 20 Sep 2022 17:28

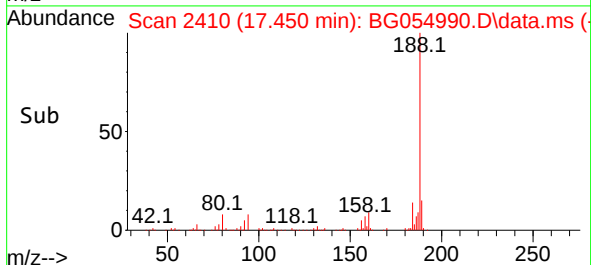
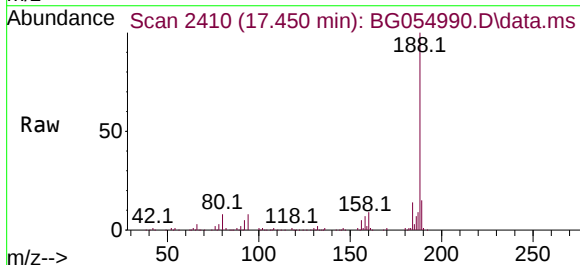
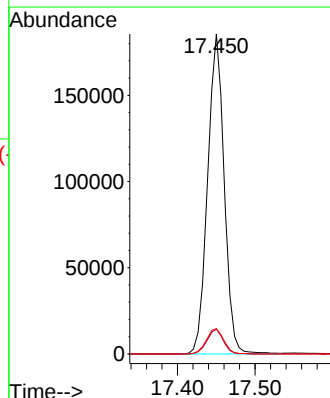
Tgt Ion:188 Resp: 274915

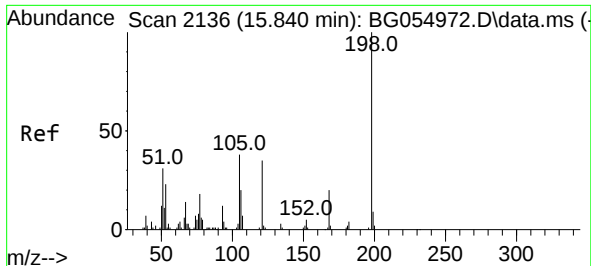
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 7.9 7.9 11.9#

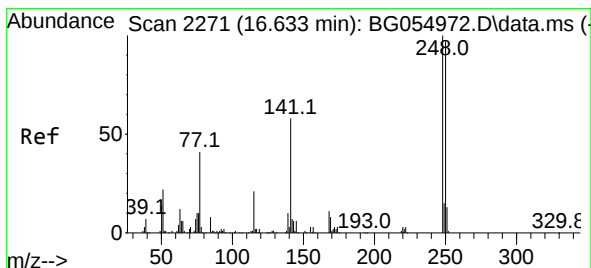
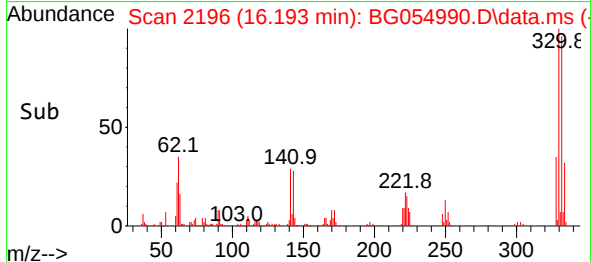
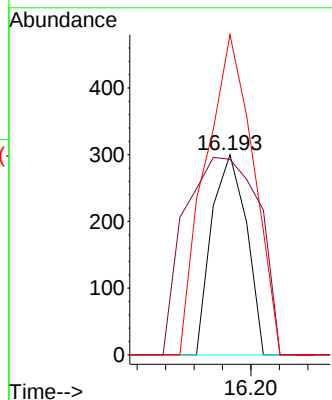
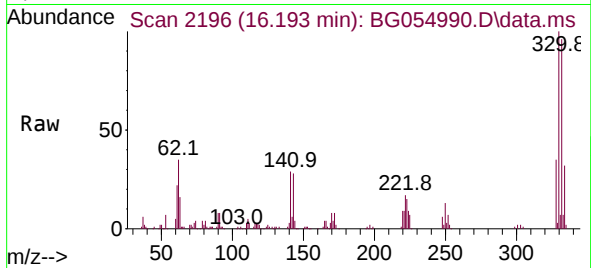




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.152 ng  
RT: 16.193 min Scan# 2196  
Delta R.T. 0.353 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

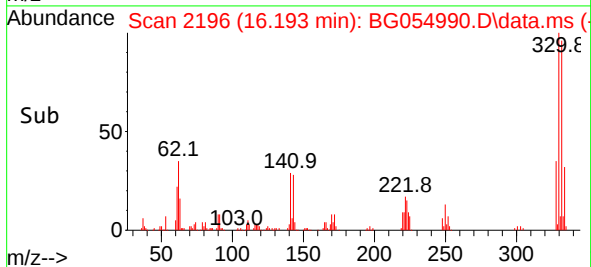
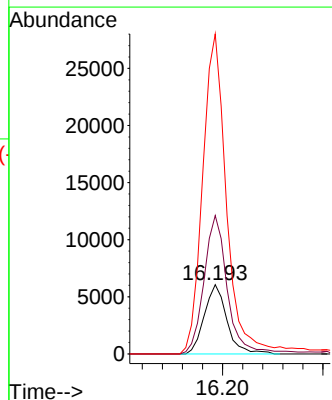
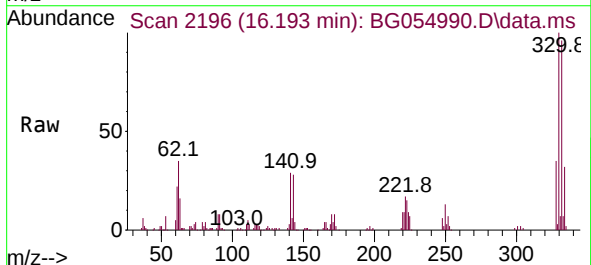
Instrument :  
BNA\_G  
ClientSampleId :

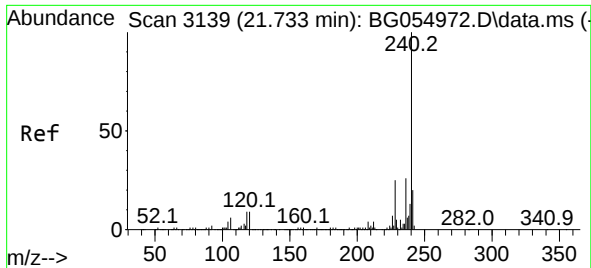
Tgt Ion:198 Resp: 255  
Ion Ratio Lower Upper  
198 100  
51 97.7 19.9 59.9#  
105 160.0 20.3 60.3#



#67  
4-Bromophenyl-phenylether  
Concen: 3.116 ng  
RT: 16.193 min Scan# 2196  
Delta R.T. -0.440 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

Tgt Ion:248 Resp: 9448  
Ion Ratio Lower Upper  
248 100  
250 199.8 78.8 118.2#  
141 462.1 51.9 77.9#

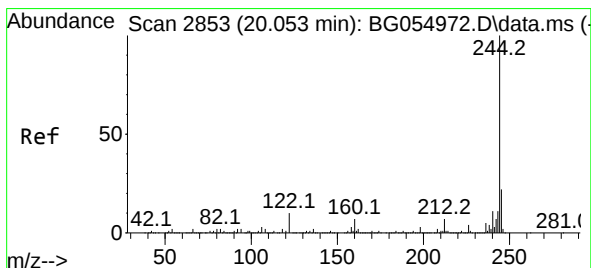
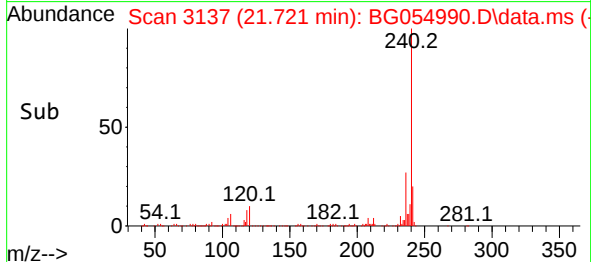
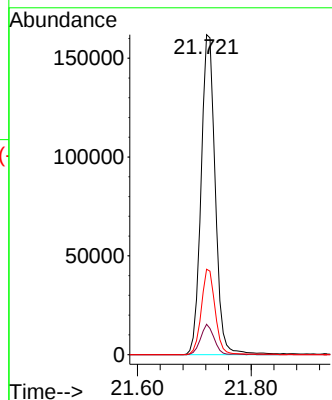
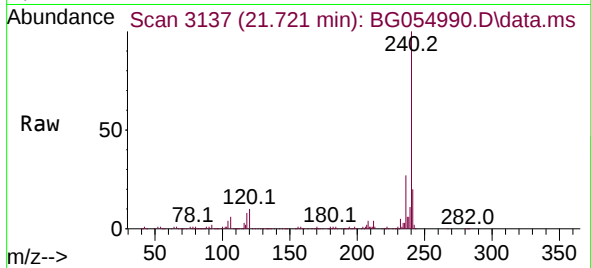




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.721 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

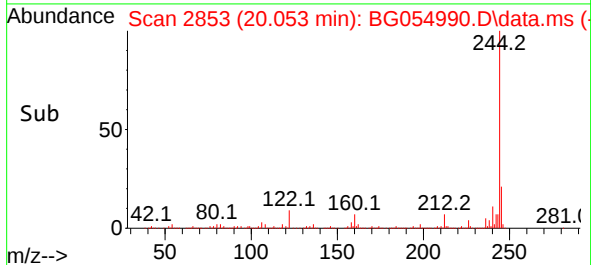
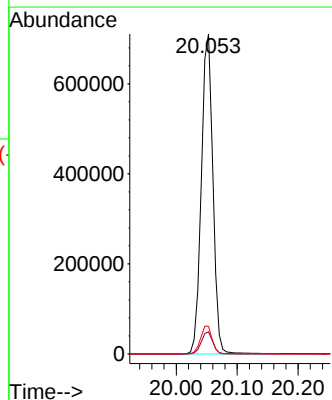
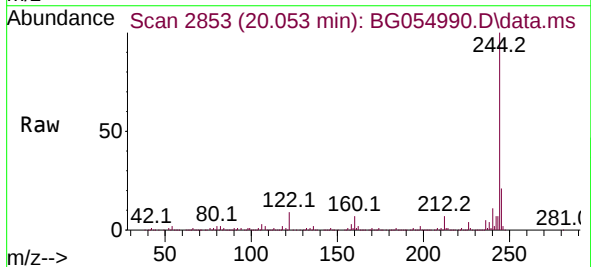
Instrument :  
BNA\_G  
ClientSampleId :

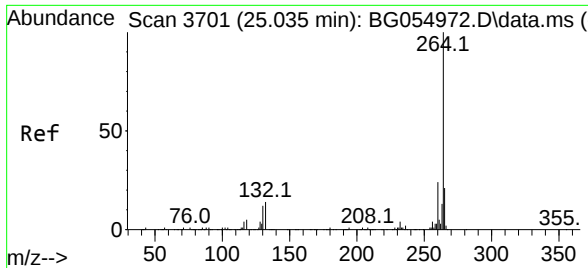
Tgt Ion:240 Resp: 279343  
Ion Ratio Lower Upper  
240 100  
120 9.5 8.2 12.4  
236 26.7 21.2 31.8



#79  
Terphenyl-d14  
Concen: 69.971 ng  
RT: 20.053 min Scan# 2853  
Delta R.T. 0.000 min  
Lab File: BG054990.D  
Acq: 20 Sep 2022 17:28

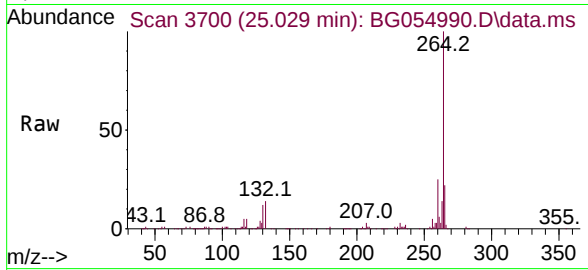
Tgt Ion:244 Resp: 934403  
Ion Ratio Lower Upper  
244 100  
212 6.9 6.2 9.2  
122 8.6 9.0 13.6#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.029 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG054990.D  
 Acq: 20 Sep 2022 17:28

Instrument :  
 BNA\_G  
 ClientSampleId :



Tgt Ion:264 Resp: 294148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 19.9  | 29.9  |
| 265 | 21.9  | 16.9  | 25.3  |

