

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063022\  
 Data File : BG054171.D  
 Acq On : 30 Jun 2022 16:06  
 Operator : CG/JU  
 Sample : N3502-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D-44-UC

Quant Time: Jul 01 04:04:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

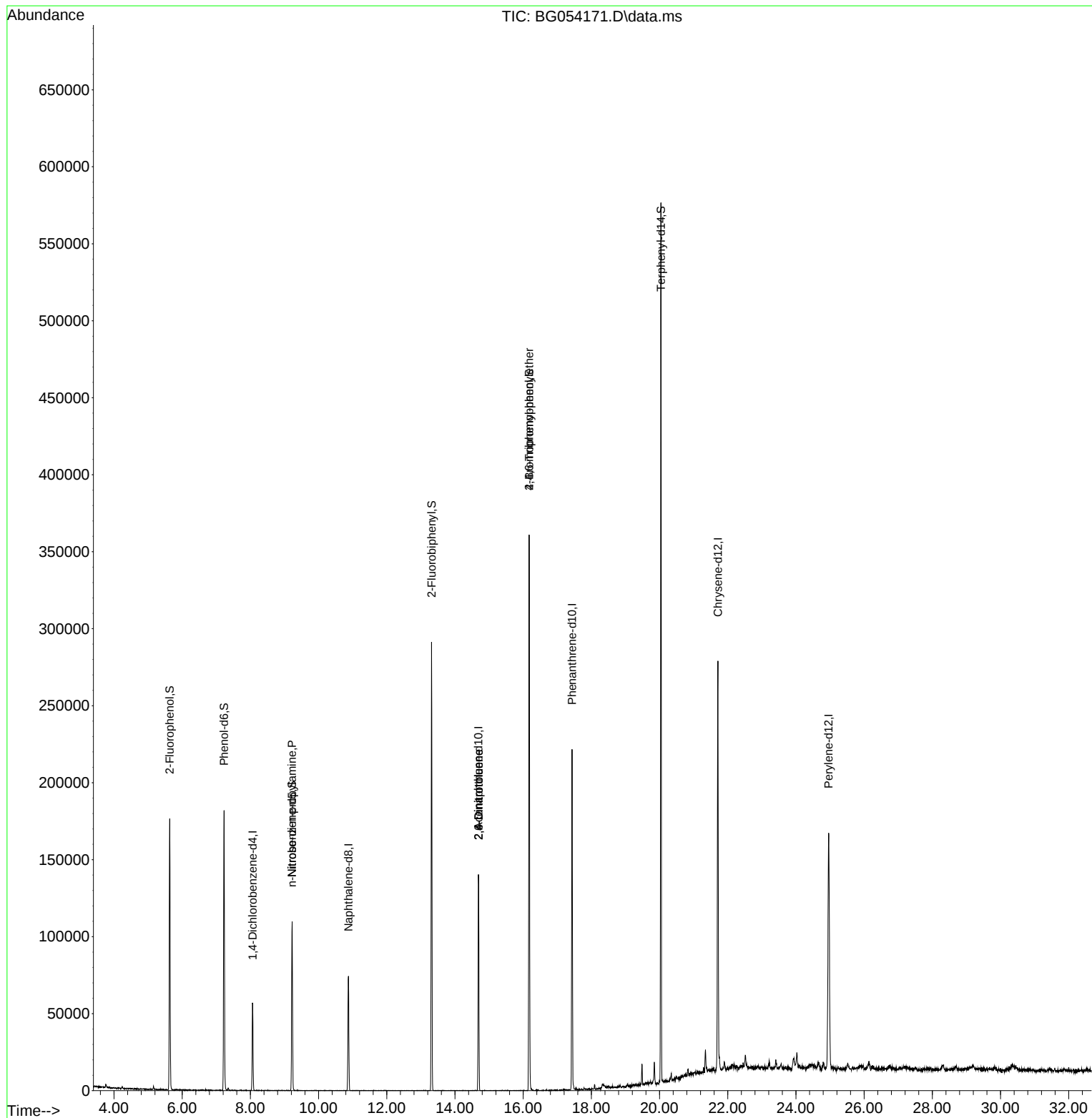
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.067  | 152  | 17850    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.875 | 136  | 71099    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.688 | 164  | 56965    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.432 | 188  | 154628   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.710 | 240  | 181803   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.959 | 264  | 187768   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.634  | 112  | 80832    | 86.579 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.227  | 99   | 107930   | 85.217 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.224  | 82   | 70605    | 55.806 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.175 | 330  | 91304    | 99.759 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.314 | 172  | 164574   | 42.010 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.041 | 244  | 322429   | 35.720 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.218  | 70   | 9733     | 11.439 | ng    | # 80     |
| 51) 2,6-Dinitrotoluene        | 14.694 | 165  | 7787     | 8.884  | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.694 | 165  | 7787     | 6.290  | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 16.175 | 248  | 5869     | 3.039  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063022\  
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Sample : N3502-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
D-44-UC

Quant Time: Jul 01 04:04:29 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 27 00:27:54 2022  
Response via : Initial Calibration

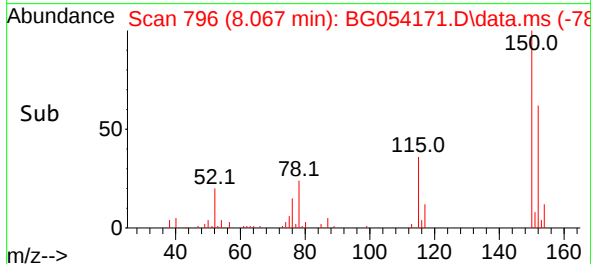
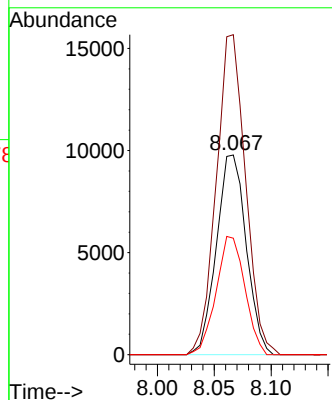
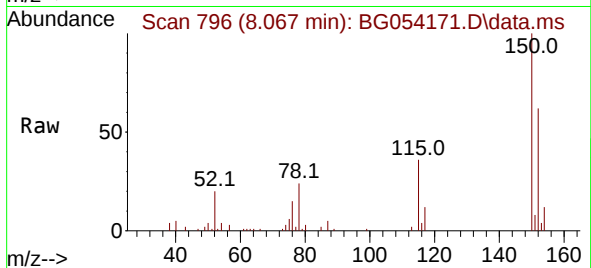




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.067 min Scan# 79  
 Delta R.T. -0.003 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

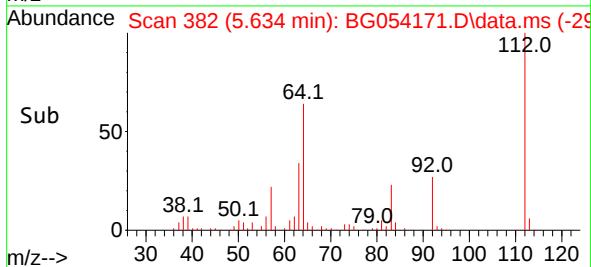
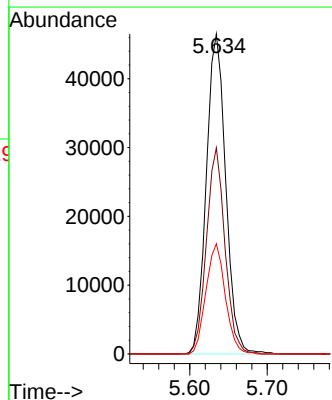
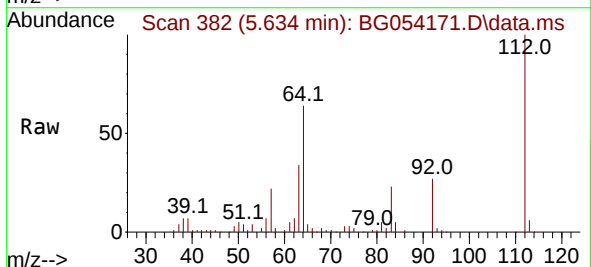
Instrument :  
 BNA\_G  
 ClientSampleId :  
 D-44-UC

Tgt Ion:152 Resp: 17850  
 Ion Ratio Lower Upper  
 152 100  
 150 160.2 131.6 197.4  
 115 58.3 50.9 76.3



#5  
 2-Fluorophenol  
 Concen: 86.579 ng  
 RT: 5.634 min Scan# 382  
 Delta R.T. -0.004 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

Tgt Ion:112 Resp: 80832  
 Ion Ratio Lower Upper  
 112 100  
 64 64.4 55.1 82.7  
 63 34.4 30.4 45.6

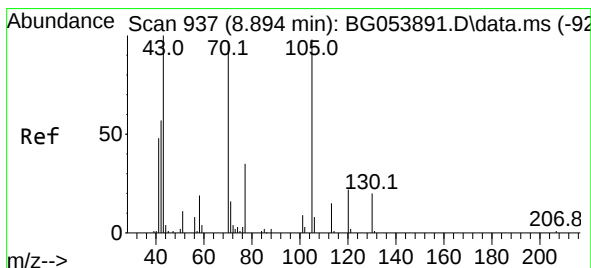
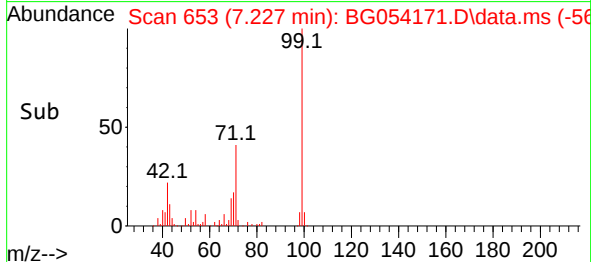
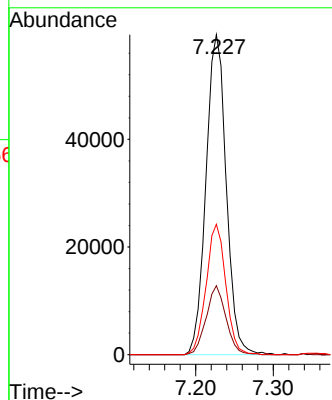
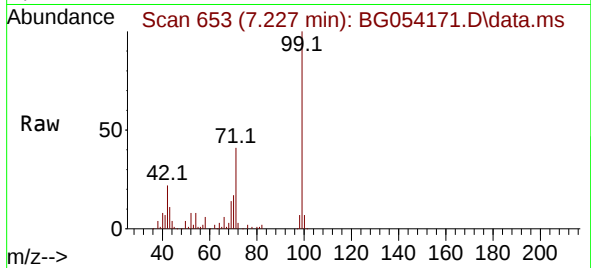




#7  
Phenol-d6  
Concen: 85.217 ng  
RT: 7.227 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

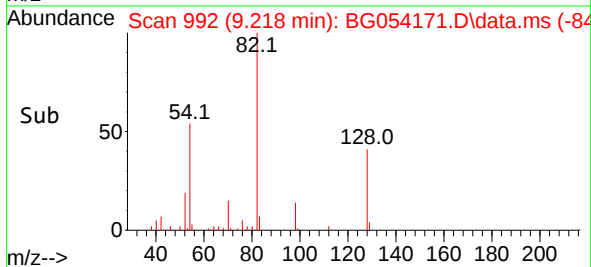
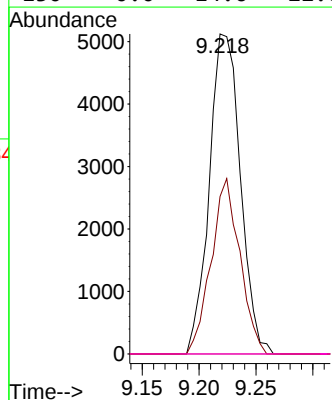
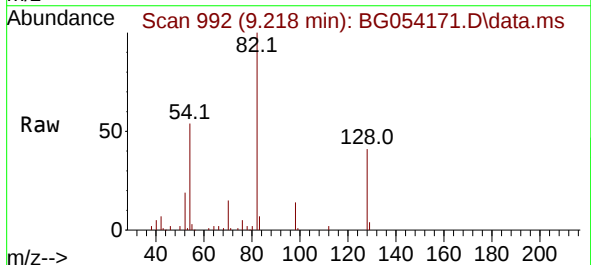
Instrument :  
BNA\_G  
ClientSampleId :  
D-44-UC

Tgt Ion: 99 Resp: 107930  
Ion Ratio Lower Upper  
99 100  
42 21.6 17.0 25.6  
71 40.7 33.8 50.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.439 ng  
RT: 9.218 min Scan# 992  
Delta R.T. 0.343 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

Tgt Ion: 70 Resp: 9733  
Ion Ratio Lower Upper  
70 100  
42 49.2 47.3 70.9  
101 0.0 7.0 10.4#  
130 0.0 14.6 22.0#

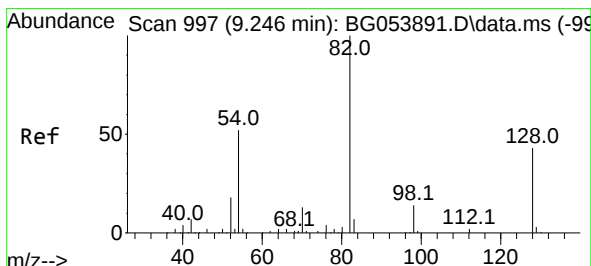
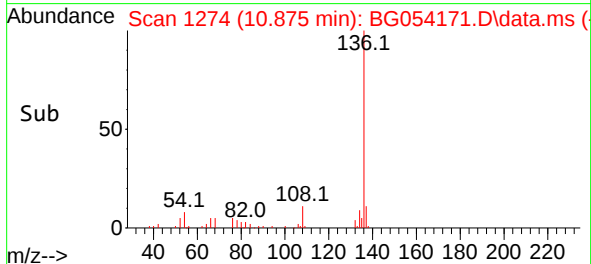
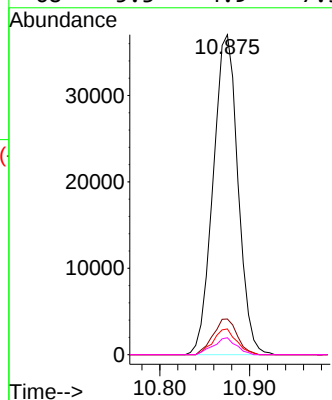
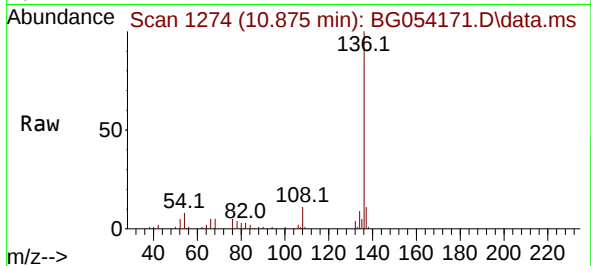




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.875 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

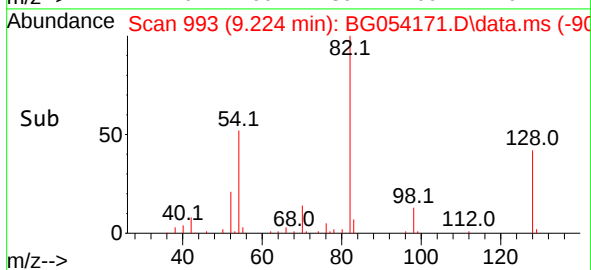
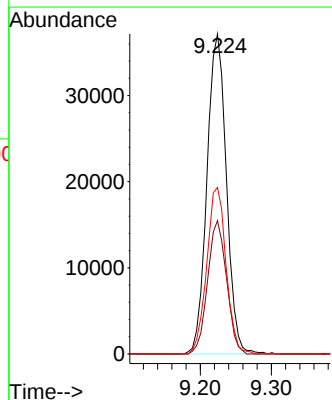
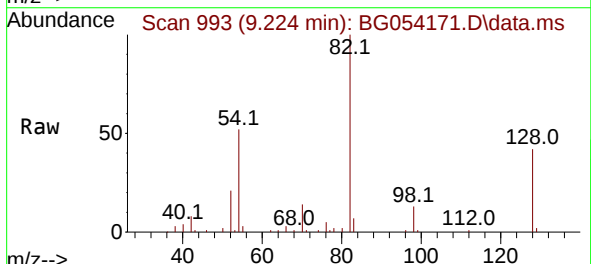
Instrument :  
BNA\_G  
ClientSampleId :  
D-44-UC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 71099 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.5   | 12.7  |
| 54       | 8.1   | 7.4   | 11.2  |
| 68       | 5.3   | 4.9   | 7.3   |



#23  
Nitrobenzene-d5  
Concen: 55.806 ng  
RT: 9.224 min Scan# 993  
Delta R.T. -0.009 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 70605 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.6  | 27.9  | 41.9  |
| 54       | 52.1  | 41.2  | 61.8  |

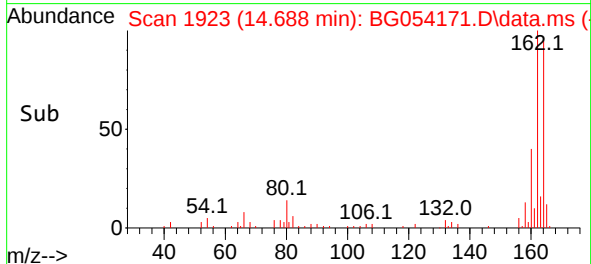
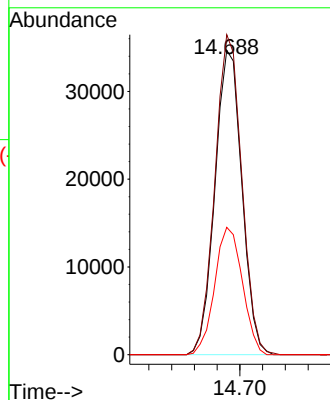
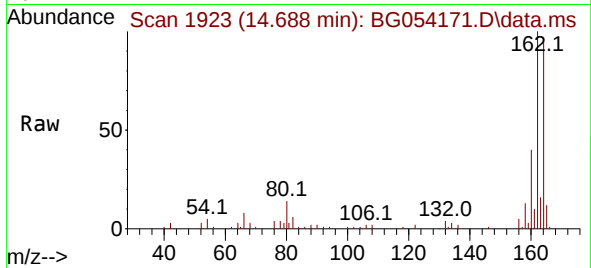




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.688 min Scan# 1923  
 Delta R.T. -0.009 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

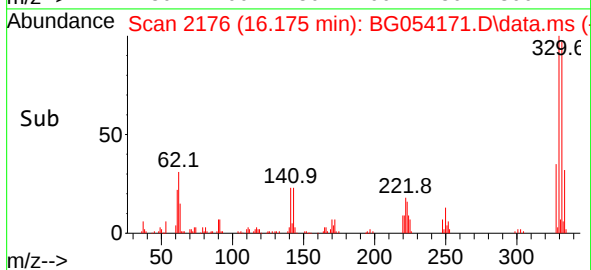
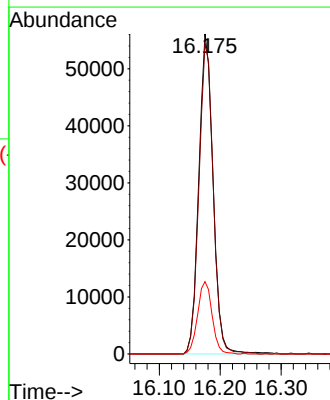
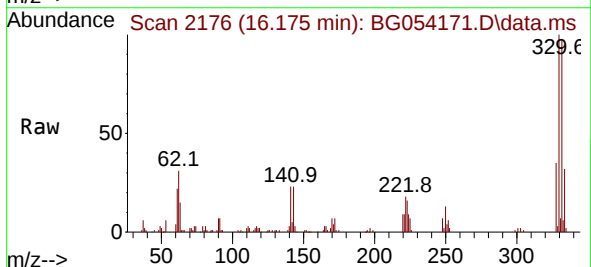
Instrument :  
 BNA\_G  
 ClientSampleId :  
 D-44-UC

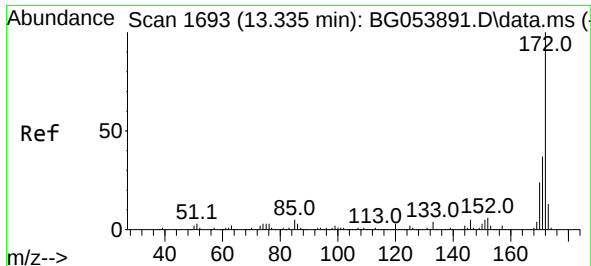
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 56965 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 105.1 | 82.3  | 123.5 |
| 160       | 41.8  | 34.2  | 51.2  |



#42  
 2,4,6-Tribromophenol  
 Concen: 99.759 ng  
 RT: 16.175 min Scan# 2176  
 Delta R.T. -0.009 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 91304 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 97.2  | 76.0  | 114.0 |
| 141       | 22.9  | 27.1  | 40.7# |

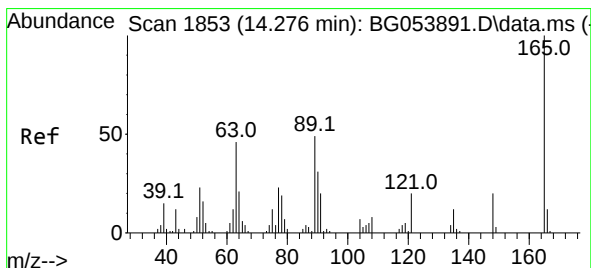
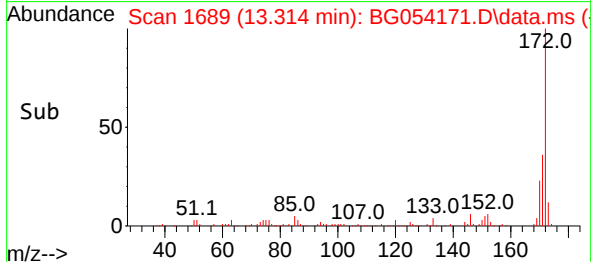
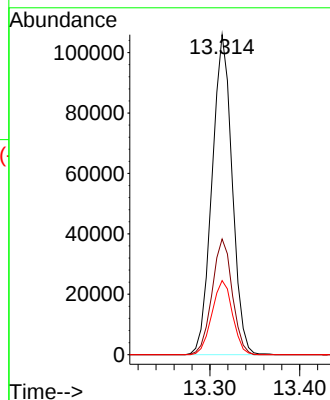
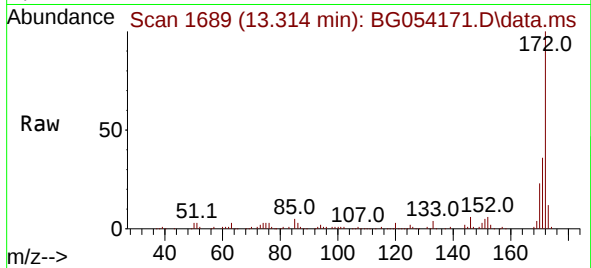




#45  
2-Fluorobiphenyl  
Concen: 42.010 ng  
RT: 13.314 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

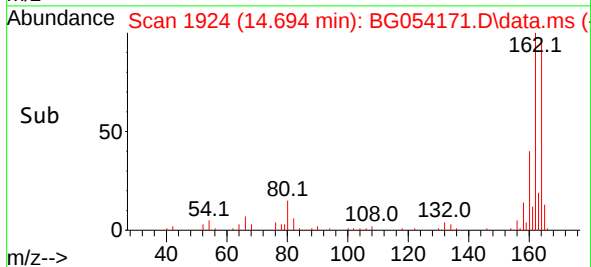
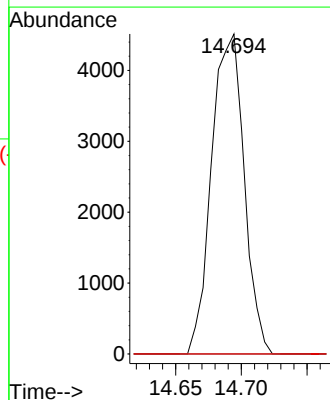
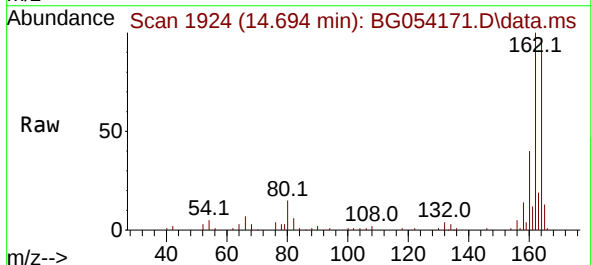
Instrument :  
BNA\_G  
ClientSampleId :  
D-44-UC

Tgt Ion:172 Resp: 164574  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.2 18.9 28.3



#51  
2,6-Dinitrotoluene  
Concen: 8.884 ng  
RT: 14.694 min Scan# 1924  
Delta R.T. 0.431 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

Tgt Ion:165 Resp: 7787  
Ion Ratio Lower Upper  
165 100  
63 0.0 54.1 81.1#  
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.290 ng

RT: 14.694 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG054171.D

Acq: 30 Jun 2022 16:06

Instrument :

BNA\_G

ClientSampleId :

D-44-UC

Tgt Ion:165 Resp: 7787

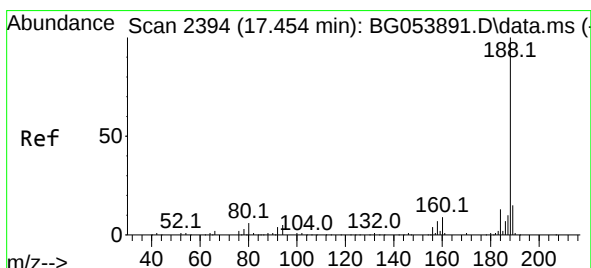
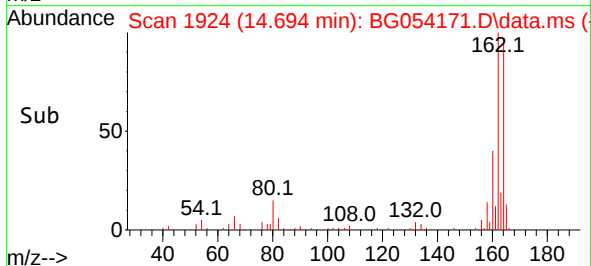
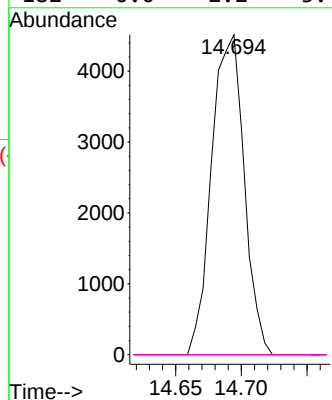
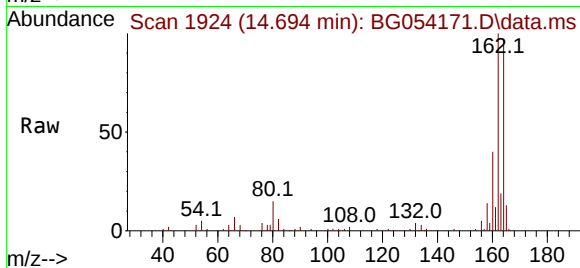
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.432 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BG054171.D

Acq: 30 Jun 2022 16:06

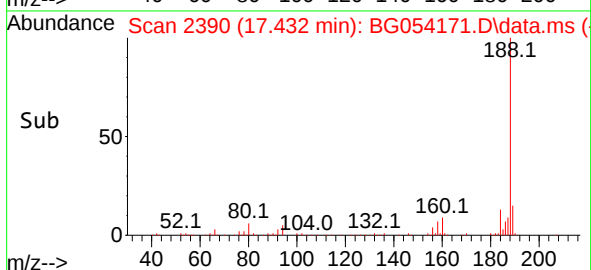
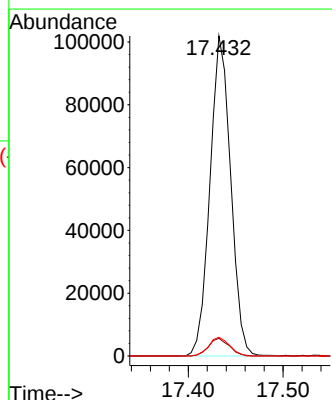
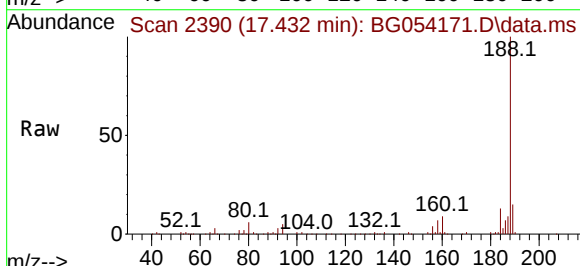
Tgt Ion:188 Resp: 154628

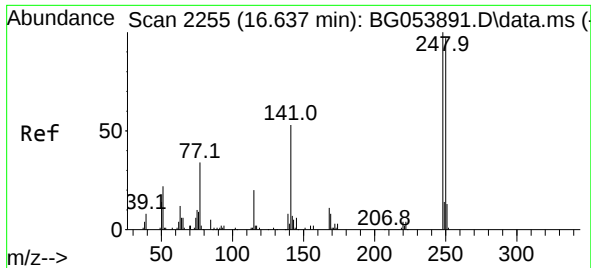
Ion Ratio Lower Upper

188 100

94 5.5 5.4 8.0

80 5.8 6.8 10.2#

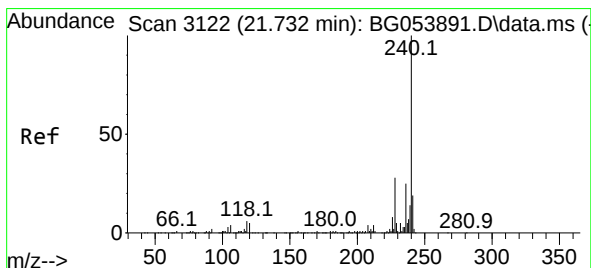
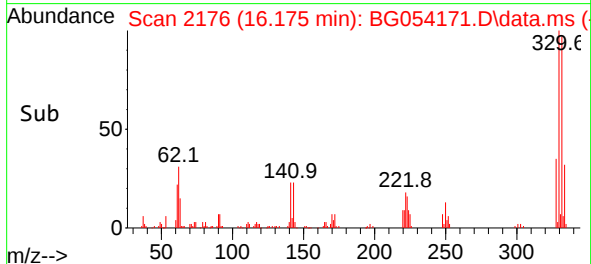
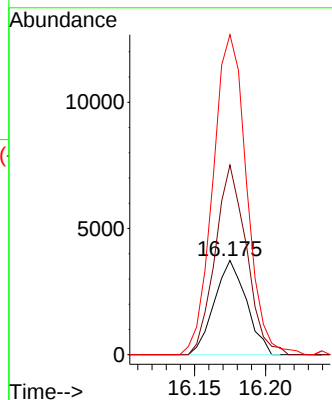
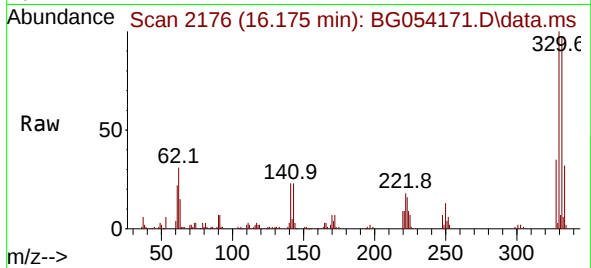




#67  
4-Bromophenyl-phenylether  
Concen: 3.039 ng  
RT: 16.175 min Scan# 2118  
Delta R.T. -0.450 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

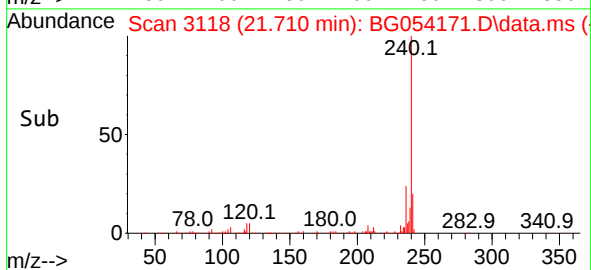
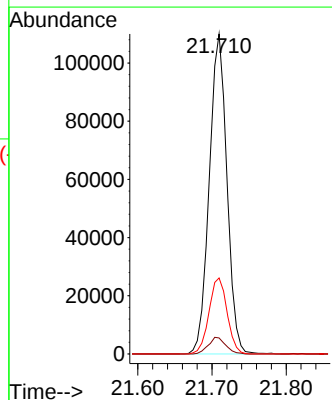
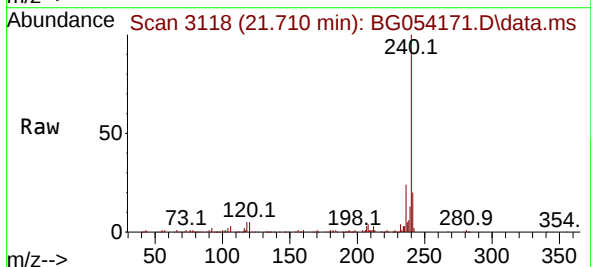
Instrument :  
BNA\_G  
ClientSampleId :  
D-44-UC

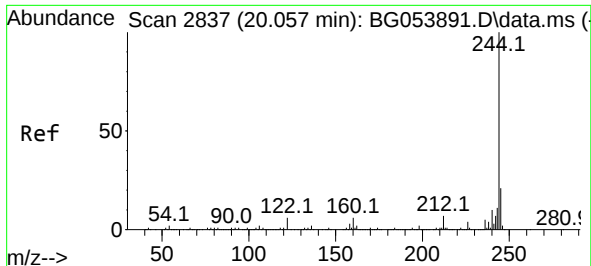
Tgt Ion:248 Resp: 5869  
Ion Ratio Lower Upper  
248 100  
250 157.8 75.2 112.8#  
141 266.4 50.0 75.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.710 min Scan# 3118  
Delta R.T. -0.009 min  
Lab File: BG054171.D  
Acq: 30 Jun 2022 16:06

Tgt Ion:240 Resp: 181803  
Ion Ratio Lower Upper  
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120 5.0 4.6 7.0  
236 23.7 20.2 30.4

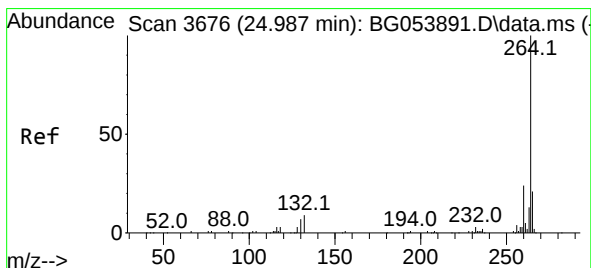
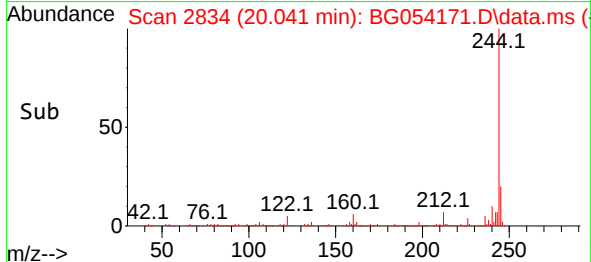
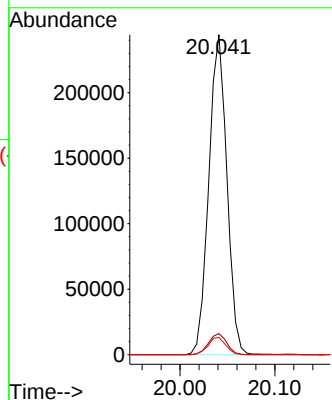
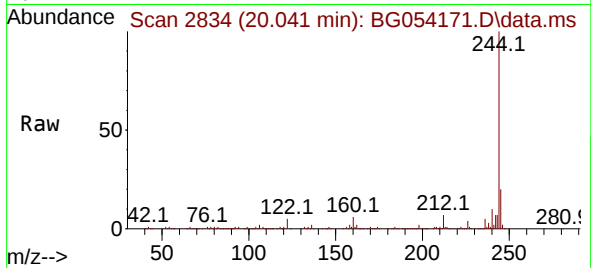




#79  
 Terphenyl-d14  
 Concen: 35.720 ng  
 RT: 20.041 min Scan# 2834  
 Delta R.T. -0.004 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D-44-UC

Tgt Ion:244 Resp: 322429  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 6.5 9.7  
 122 5.4 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.959 min Scan# 3671  
 Delta R.T. -0.004 min  
 Lab File: BG054171.D  
 Acq: 30 Jun 2022 16:06

Tgt Ion:264 Resp: 187768  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.6  
 265 21.2 17.4 26.2

