

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101221\  
 Data File : BG050551.D  
 Acq On : 12 Oct 2021 13:39  
 Operator : CG/JU  
 Sample : M4077-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CC-27

Quant Time: Oct 12 14:33:25 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 15:51:01 2021  
 Response via : Initial Calibration

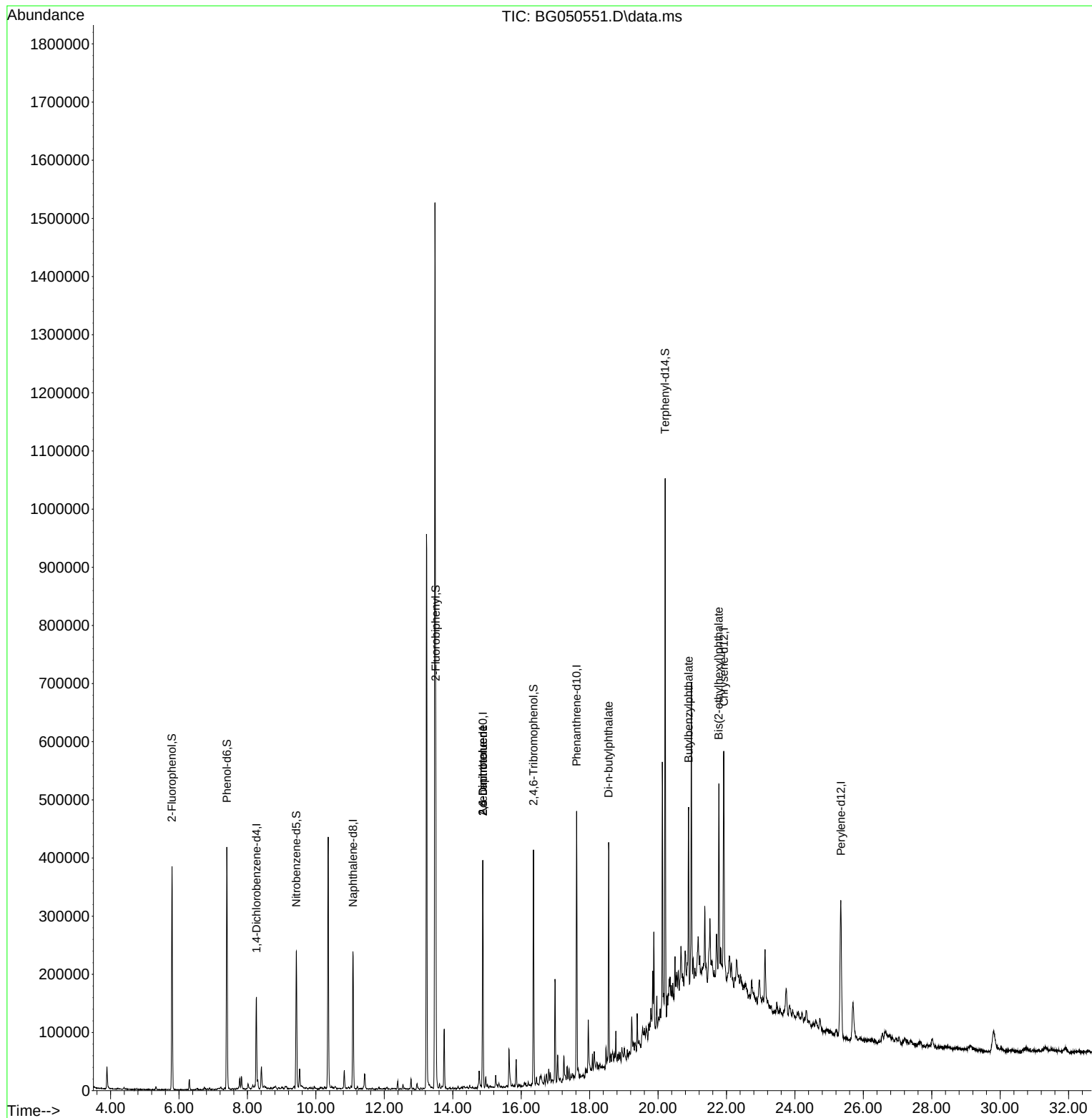
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.262  | 152  | 42293    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.082 | 136  | 194195   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.877 | 164  | 133420   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.621 | 188  | 274626   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.922 | 240  | 227150   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 25.342 | 264  | 236018   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.794  | 112  | 158374   | 56.003    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.398  | 99   | 231914   | 56.642    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.425  | 82   | 156436   | 33.347    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.358 | 330  | 57258    | 44.993    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.503 | 172  | 269766   | 30.431    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.206 | 244  | 401858   | 34.477    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.392  | 77   | 568      | Below Cal | #     | 10       |
| 51) 2,6-Dinitrotoluene        | 14.877 | 165  | 17999    | 8.911     | ng    | # 12     |
| 57) 2,4-Dinitrotoluene        | 14.877 | 165  | 17999    | 6.322     | ng    | # 18     |
| 74) Di-n-butylphthalate       | 18.555 | 149  | 280843   | 16.697    | ng    | # 97     |
| 80) Butylbenzylphthalate      | 20.894 | 149  | 91758    | 13.460    | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.775 | 149  | 141723   | 14.632    | ng    | 94       |
| -----                         |        |      |          |           |       |          |

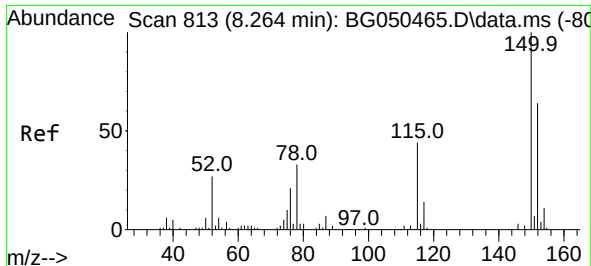
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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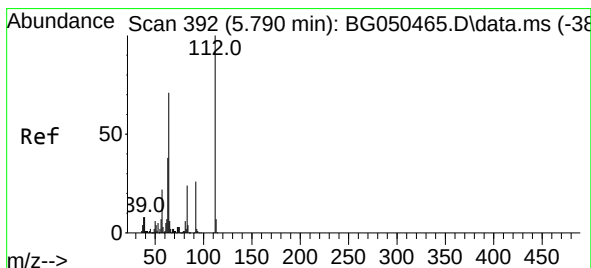
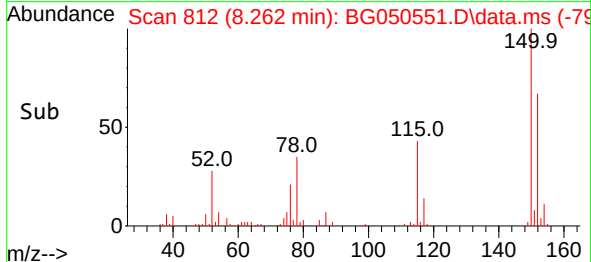
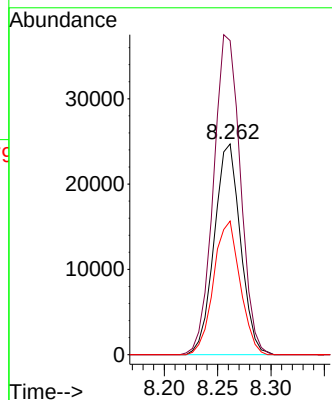
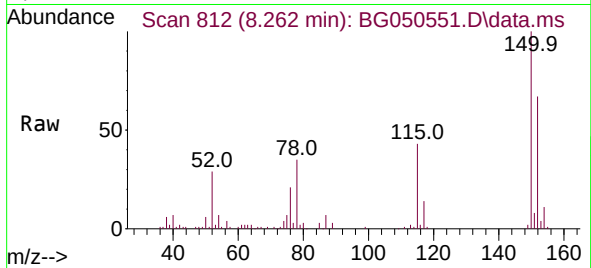




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.262 min Scan# 812  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

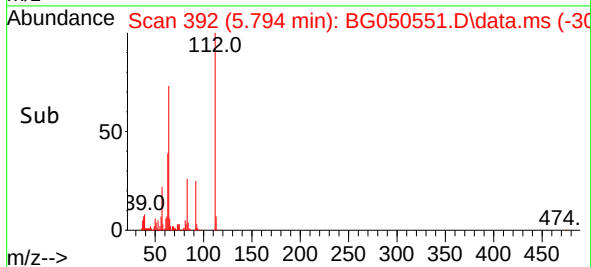
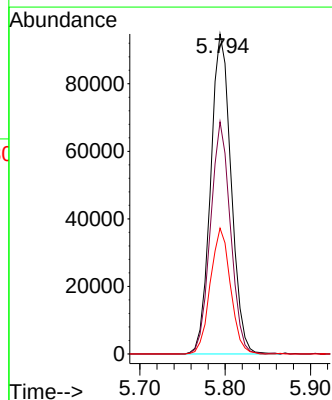
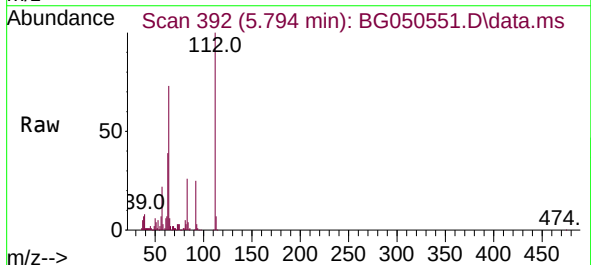
Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

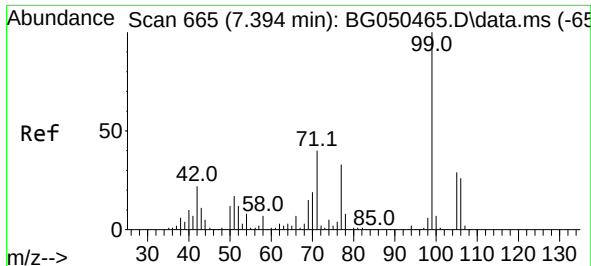
Tgt Ion:152 Resp: 42293  
Ion Ratio Lower Upper  
152 100  
150 149.1 119.4 179.0  
115 63.4 60.2 90.4



#5  
2-Fluorophenol  
Concen: 56.003 ng  
RT: 5.794 min Scan# 392  
Delta R.T. 0.004 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Tgt Ion:112 Resp: 158374  
Ion Ratio Lower Upper  
112 100  
64 72.6 46.7 70.1#  
63 39.3 35.3 52.9

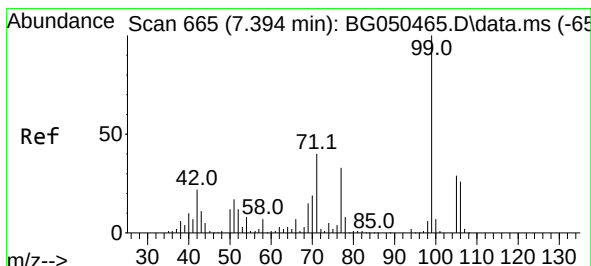
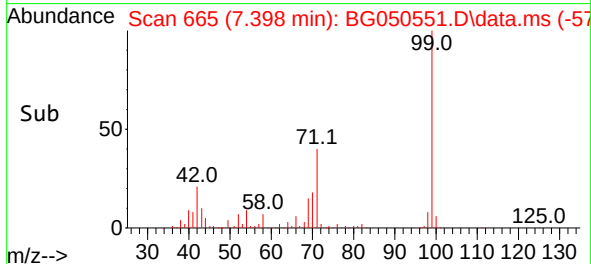
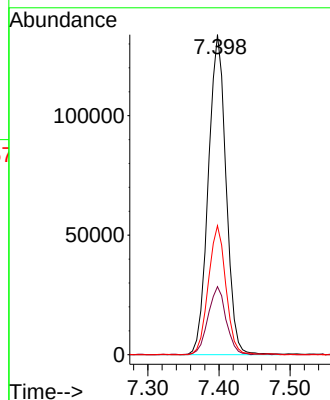
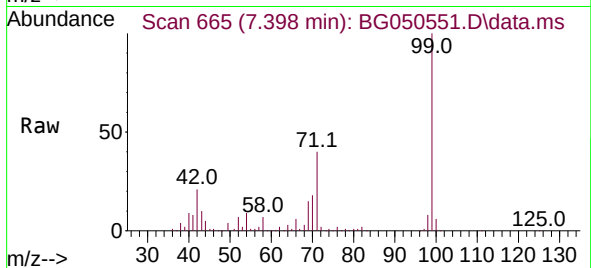




#7  
Phenol-d6  
Concen: 56.642 ng  
RT: 7.398 min Scan# 665  
Delta R.T. 0.004 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

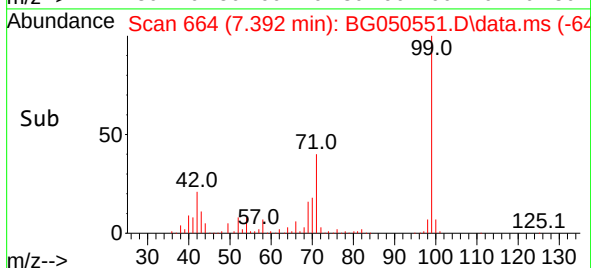
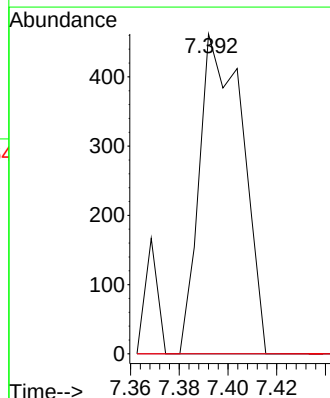
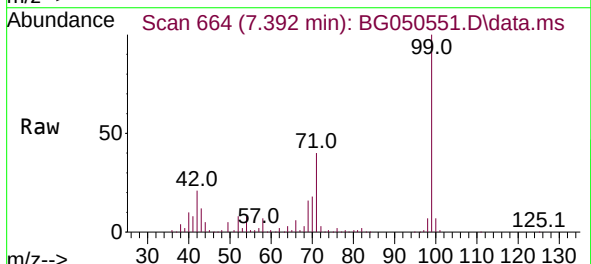
Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

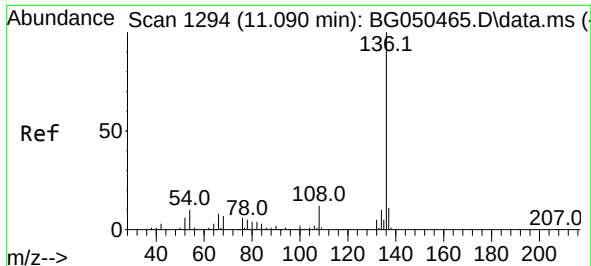
Tgt Ion: 99 Resp: 231914  
Ion Ratio Lower Upper  
99 100  
42 21.2 20.5 30.7  
71 40.3 41.5 62.3#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.392 min Scan# 664  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

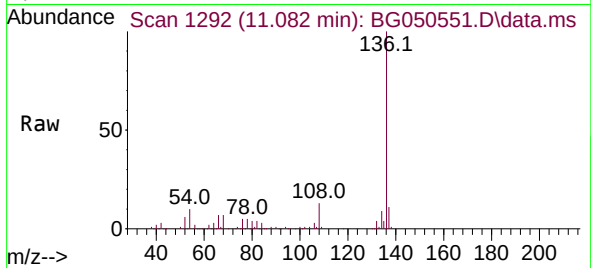
Tgt Ion: 77 Resp: 568  
Ion Ratio Lower Upper  
77 100  
105 0.0 68.8 108.8#  
106 0.0 47.9 87.9#



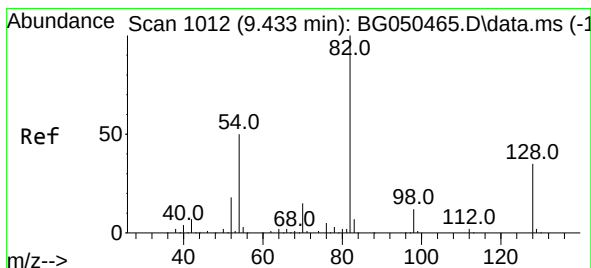
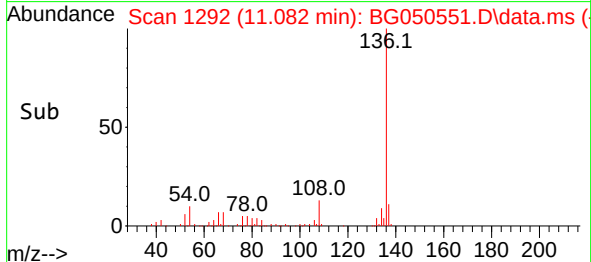
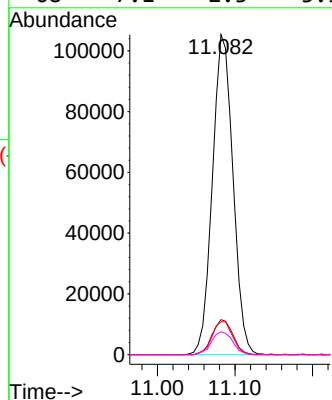


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.082 min Scan# 1292  
Delta R.T. -0.008 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

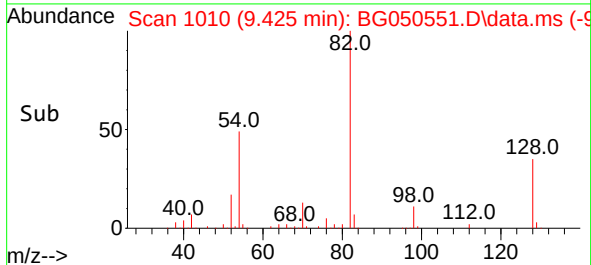
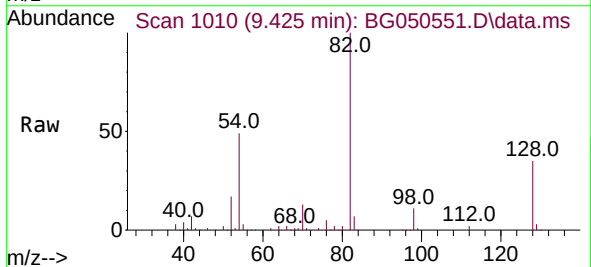
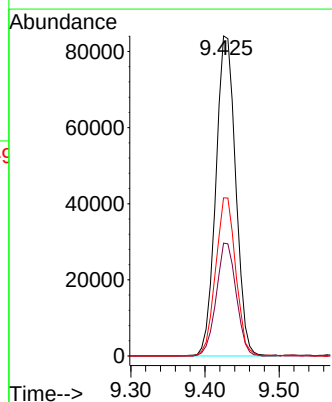


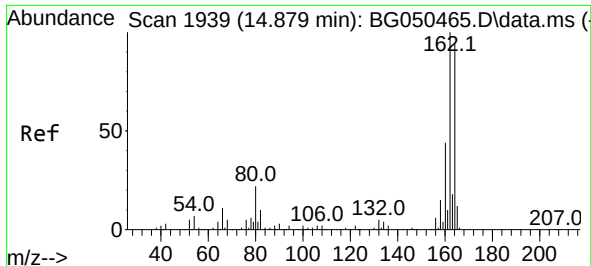
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 136  | Resp: | 194195 |
| Ion Ratio | 100  | Lower | Upper  |
| 136       | 100  |       |        |
| 137       | 10.9 | 8.2   | 12.2   |
| 54        | 10.3 | 5.5   | 8.3#   |
| 68        | 7.1  | 2.3   | 3.5#   |



#23  
Nitrobenzene-d5  
Concen: 33.347 ng  
RT: 9.425 min Scan# 1010  
Delta R.T. -0.008 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 156436 |
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 35.3 | 29.8  | 44.6   |
| 54        | 49.4 | 45.8  | 68.8   |

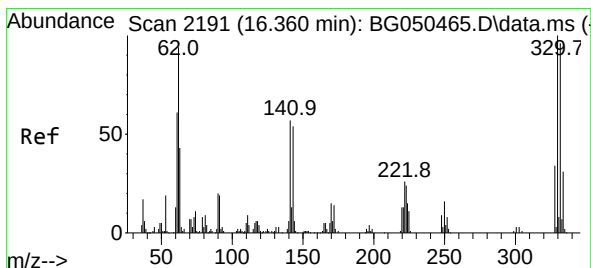
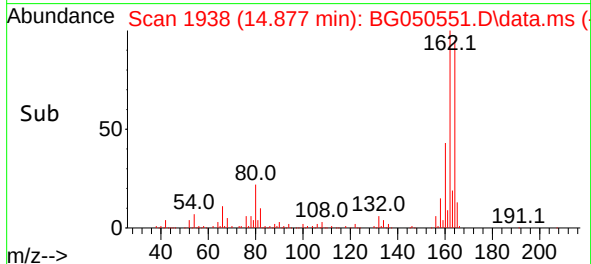
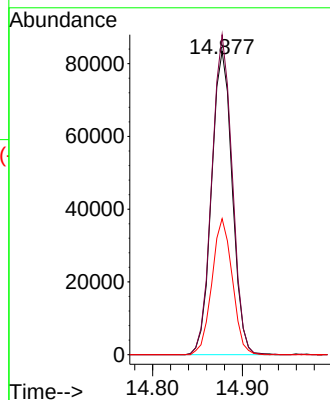
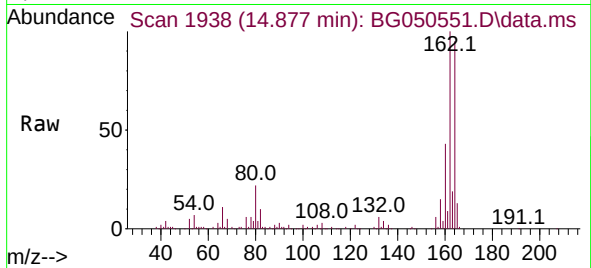




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.877 min Scan# 1938  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

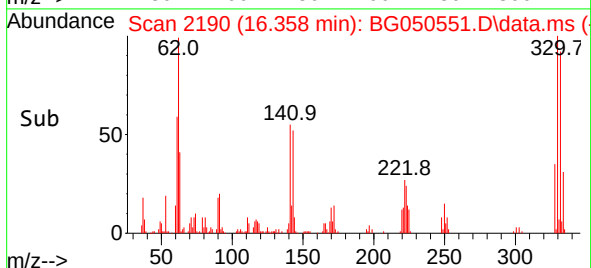
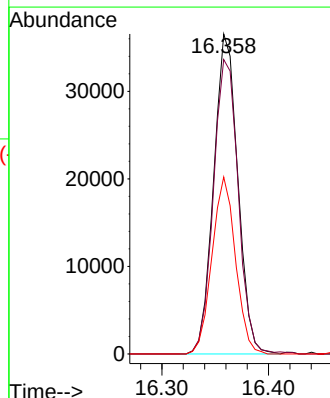
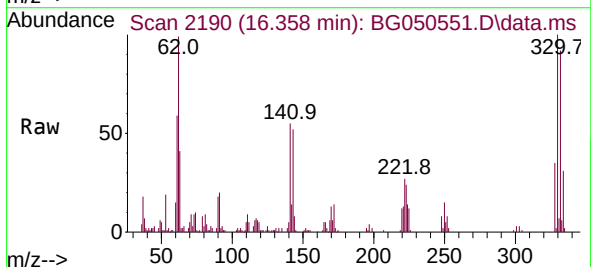
Instrument :  
BNA\_G  
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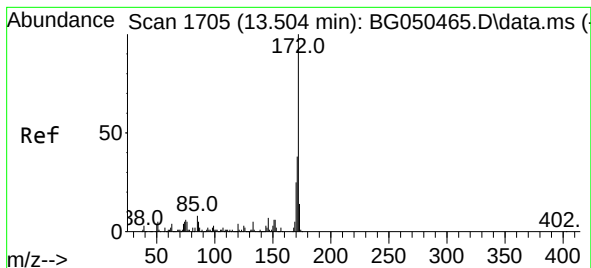
Tgt Ion:164 Resp: 133420  
Ion Ratio Lower Upper  
164 100  
162 105.5 81.4 122.0  
160 44.8 34.9 52.3



#42  
2,4,6-Tribromophenol  
Concen: 44.993 ng  
RT: 16.358 min Scan# 2190  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Tgt Ion:330 Resp: 57258  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.3 115.9  
141 54.0 35.6 53.4#

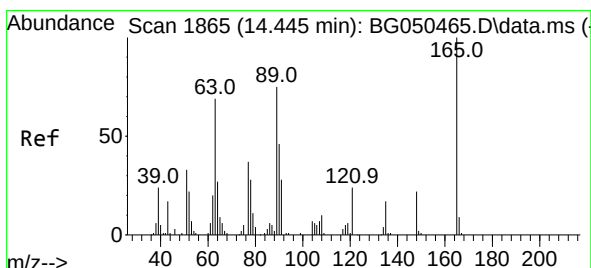
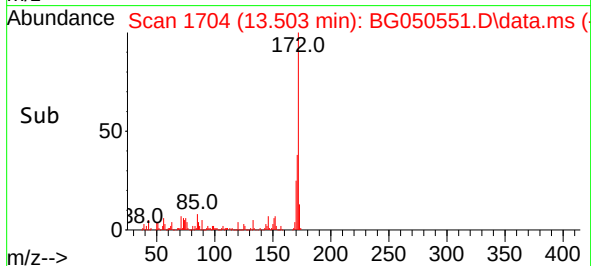
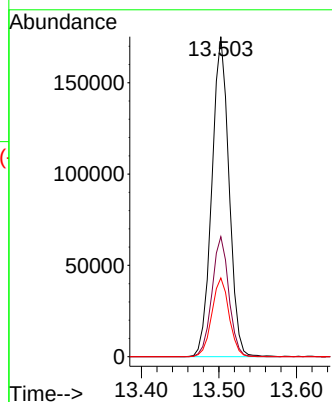
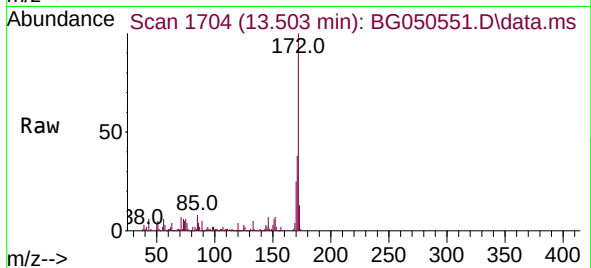




#45  
2-Fluorobiphenyl  
Concen: 30.431 ng  
RT: 13.503 min Scan# 1704  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

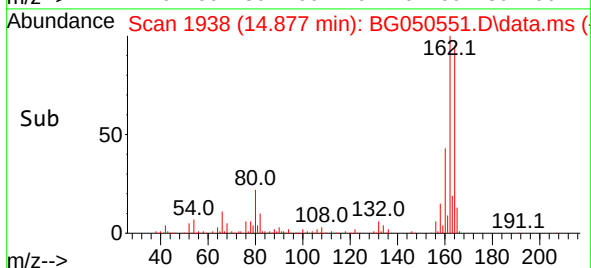
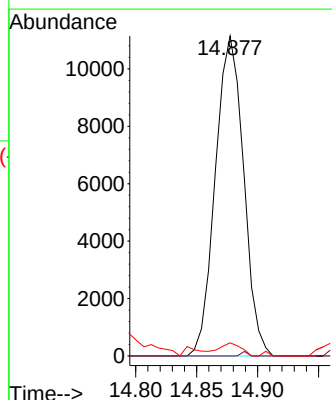
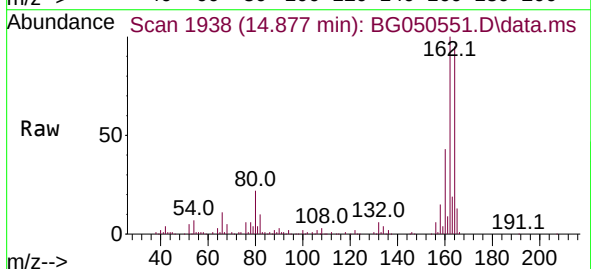
Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

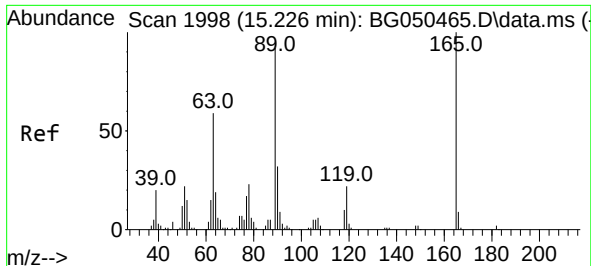
Tgt Ion:172 Resp: 269766  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.6 43.0  
170 24.6 18.6 27.8



#51  
2,6-Dinitrotoluene  
Concen: 8.911 ng  
RT: 14.877 min Scan# 1938  
Delta R.T. 0.433 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Tgt Ion:165 Resp: 17999  
Ion Ratio Lower Upper  
165 100  
63 0.0 63.3 94.9#  
89 4.1 63.4 95.0#

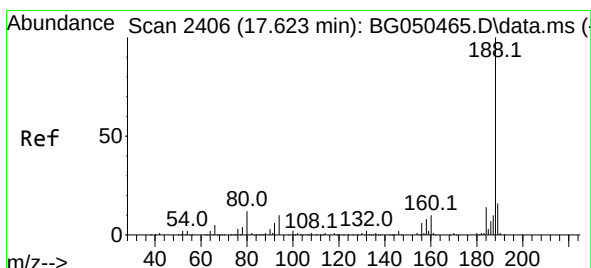
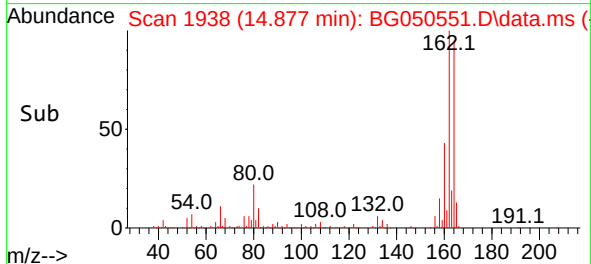
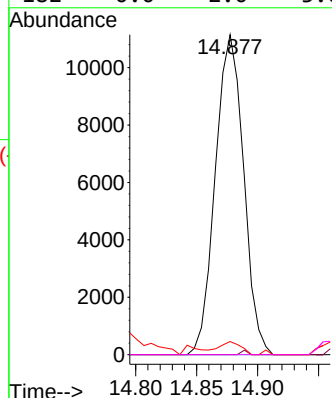
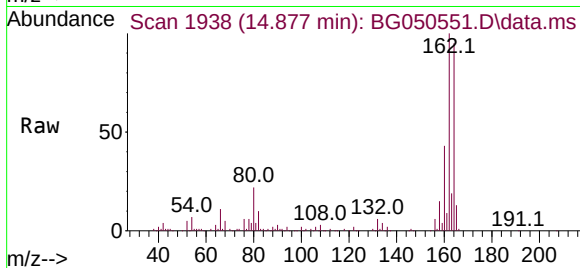




#57  
2,4-Dinitrotoluene  
Concen: 6.322 ng  
RT: 14.877 min Scan# 1938  
Delta R.T. -0.349 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

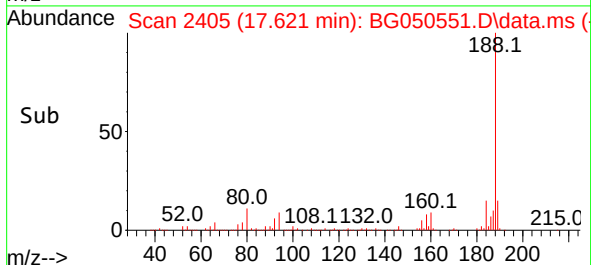
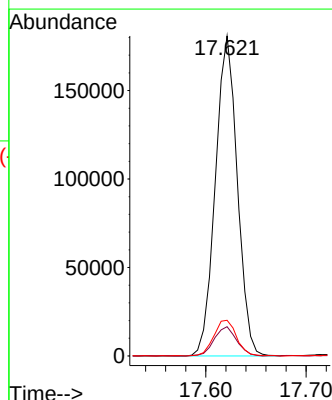
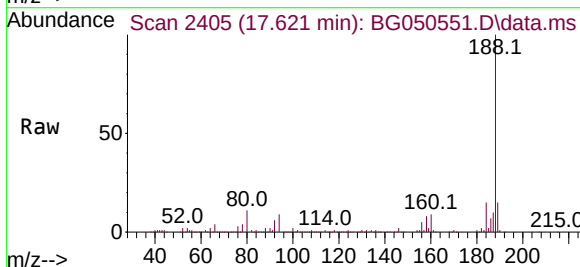
Instrument :  
BNA\_G  
ClientSampleId :  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 17999 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 0.0   | 48.0  | 72.0# |
| 89        | 4.1   | 65.4  | 98.0# |
| 182       | 0.0   | 2.0   | 3.0#  |

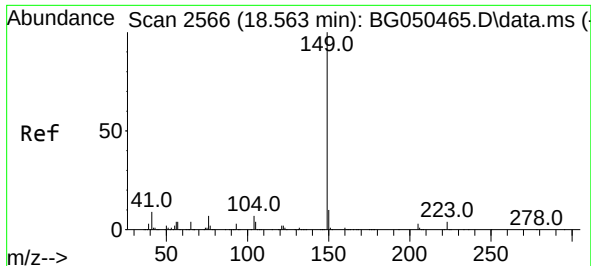


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.621 min Scan# 2405  
Delta R.T. -0.002 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 274626 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.2   | 5.4   | 8.0#   |
| 80        | 11.2  | 3.7   | 5.5#   |



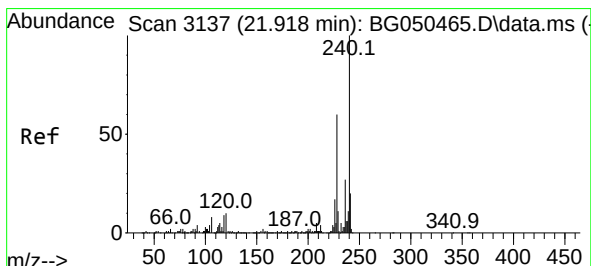
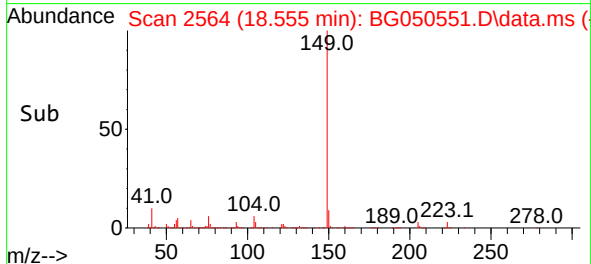
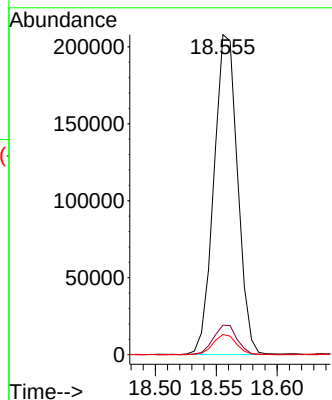
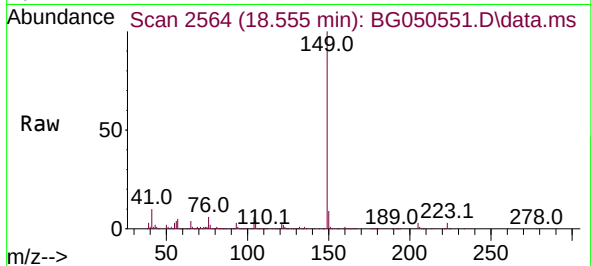




#74  
Di-n-butylphthalate  
Concen: 16.697 ng  
RT: 18.555 min Scan# 2564  
Delta R.T. -0.008 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

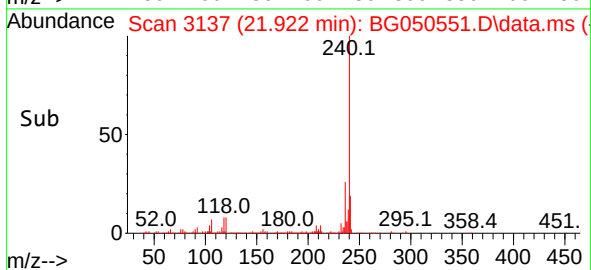
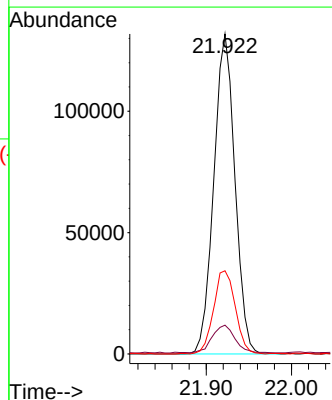
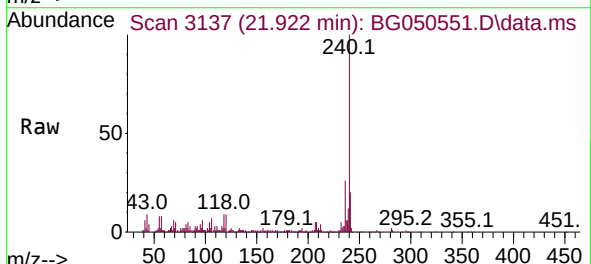
Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

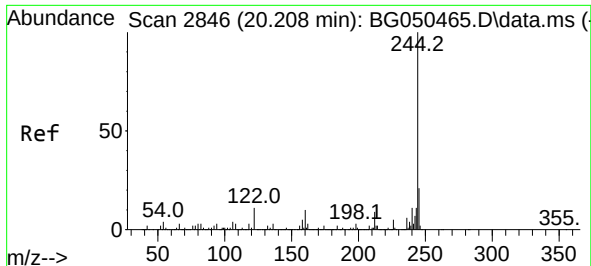
Tgt Ion:149 Resp: 280843  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 6.3 6.6 10.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.922 min Scan# 3137  
Delta R.T. 0.004 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Tgt Ion:240 Resp: 227150  
Ion Ratio Lower Upper  
240 100  
120 9.0 4.2 6.2#  
236 26.0 21.8 32.6

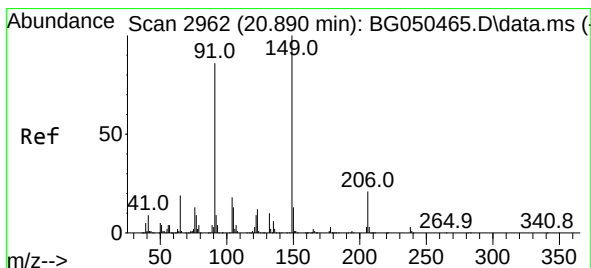
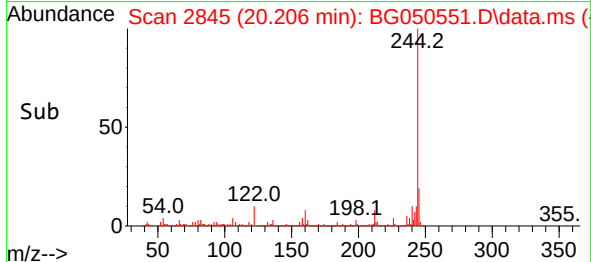
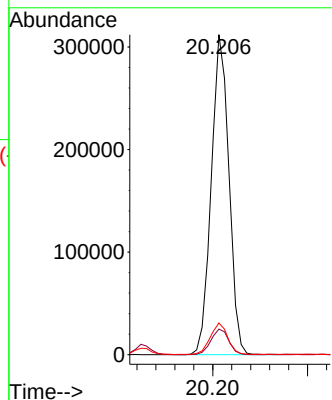
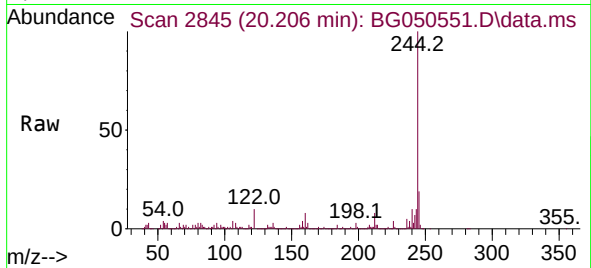




#79  
 Terphenyl-d14  
 Concen: 34.477 ng  
 RT: 20.206 min Scan# 2845  
 Delta R.T. -0.002 min  
 Lab File: BG050551.D  
 Acq: 12 Oct 2021 13:39

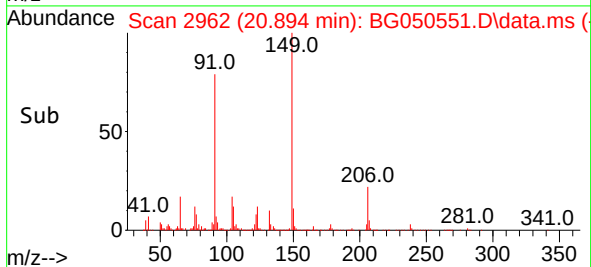
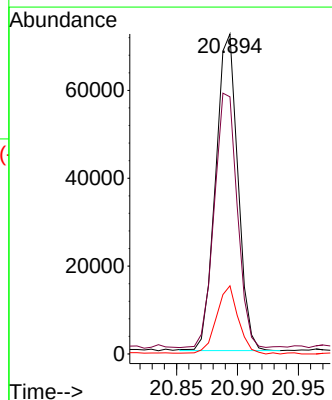
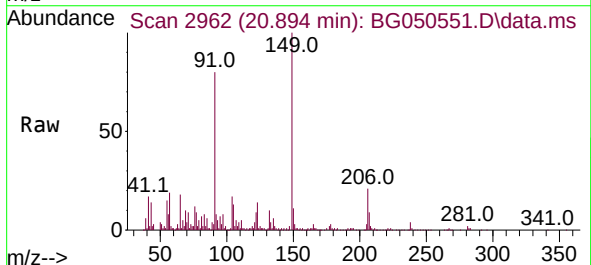
Instrument :  
 BNA\_G  
 ClientSampled :  
 CC-27

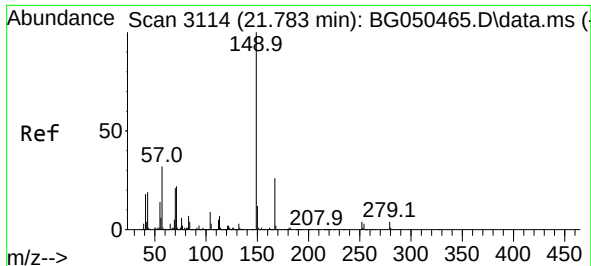
Tgt Ion:244 Resp: 401858  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.9 10.3  
 122 9.9 5.0 7.6#



#80  
 Butylbenzylphthalate  
 Concen: 13.460 ng  
 RT: 20.894 min Scan# 2962  
 Delta R.T. 0.004 min  
 Lab File: BG050551.D  
 Acq: 12 Oct 2021 13:39

Tgt Ion:149 Resp: 91758  
 Ion Ratio Lower Upper  
 149 100  
 91 80.3 63.4 95.2  
 206 21.3 18.4 27.6

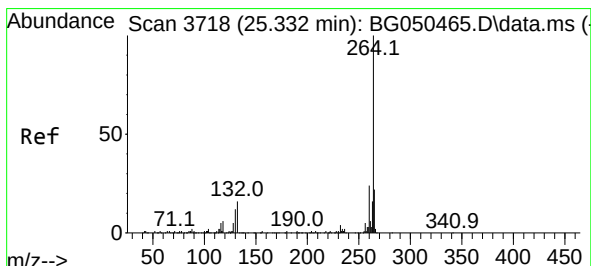
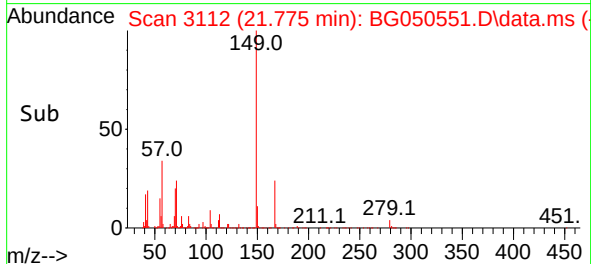
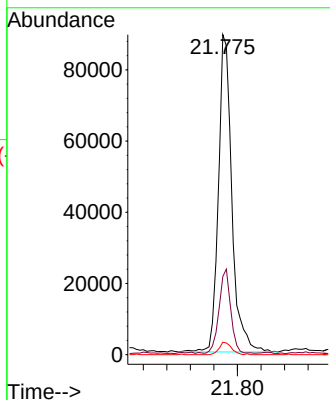
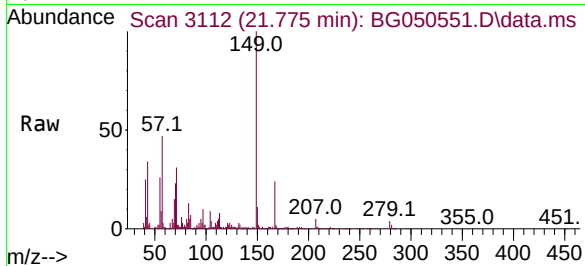




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 14.632 ng  
RT: 21.775 min Scan# 3112  
Delta R.T. -0.008 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
CC-27

Tgt Ion:149 Resp: 141723  
Ion Ratio Lower Upper  
149 100  
167 24.5 22.3 33.5  
279 3.9 3.8 5.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.342 min Scan# 3719  
Delta R.T. 0.010 min  
Lab File: BG050551.D  
Acq: 12 Oct 2021 13:39

Tgt Ion:264 Resp: 236018  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.4 29.2  
265 21.4 16.9 25.3

