

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041921\  
 Data File : BG048783.D  
 Acq On : 20 Apr 2021 4:23  
 Operator : CG/JU  
 Sample : M2079-05  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-13

Quant Time: Apr 20 05:52:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 16 15:59:00 2021  
 Response via : Initial Calibration

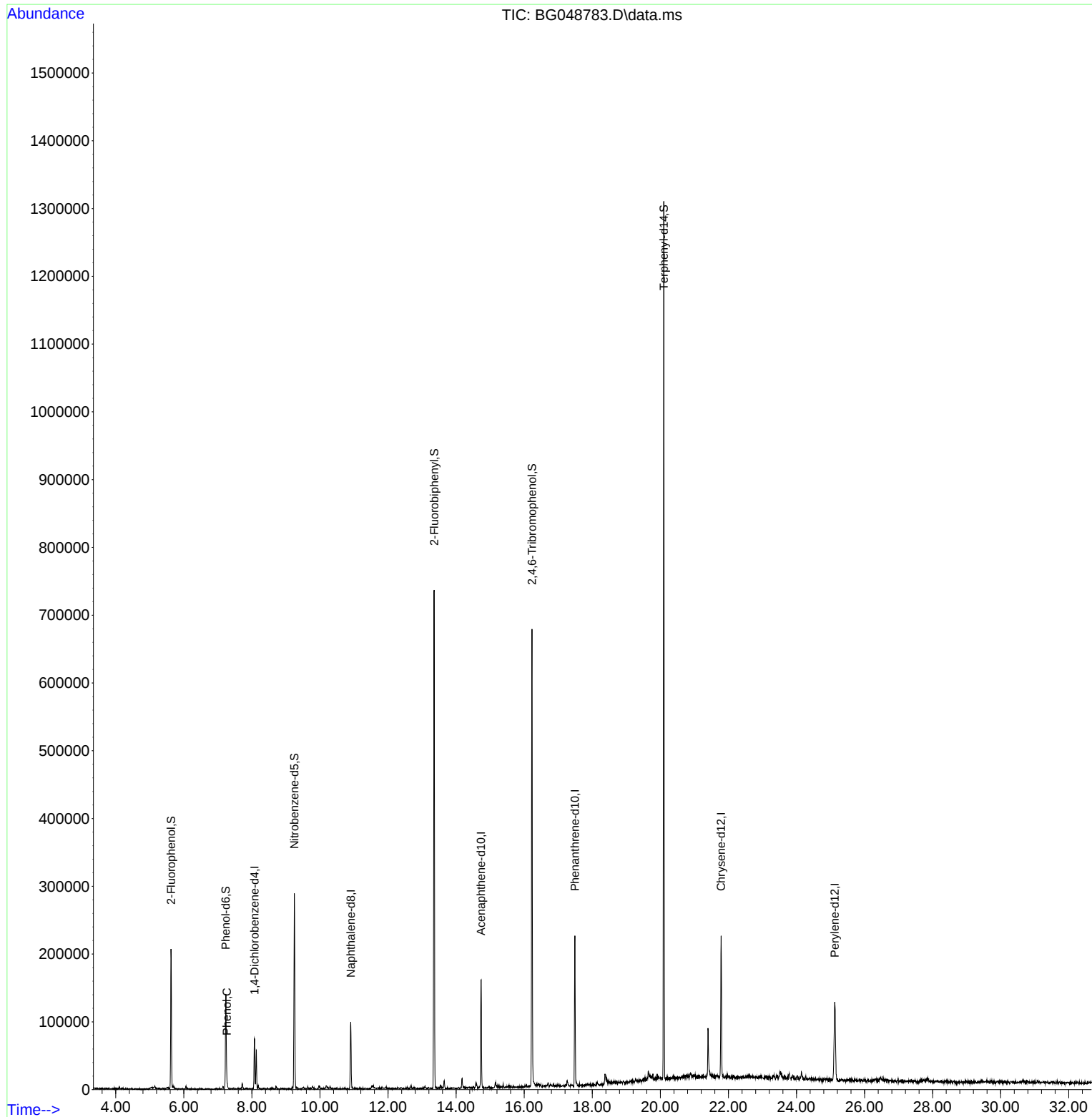
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.079  | 152  | 17728    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.906 | 136  | 75654    | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.736 | 164  | 57243    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.492 | 188  | 132014   | 20.00  | ng    | # 0.00    |
| 76) Chrysene-d12            | 21.787 | 240  | 122021   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 25.124 | 264  | 121463   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.623  | 112  | 77984    | 73.57  | ng    | 0.00      |
| 7) Phenol-d6                | 7.233  | 99   | 65226    | 43.50  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.249  | 82   | 159188   | 94.20  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.229 | 330  | 108217   | 141.00 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.356 | 172  | 363341   | 91.66  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.101 | 244  | 560929   | 79.12  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 7.269  | 94   | 4690     | 3.18   | ng    | Qvalue 93 |
| -----                       |        |      |          |        |       |           |

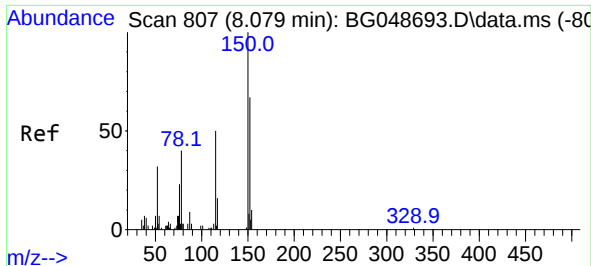
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041921\  
Data File : BG048783.D  
Acq On : 20 Apr 2021 4:23  
Operator : CG/JU  
Sample : M2079-05  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

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Quant Time: Apr 20 05:52:45 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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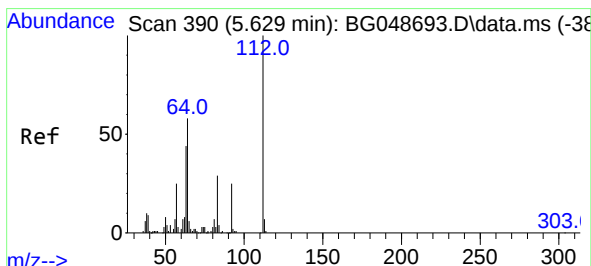
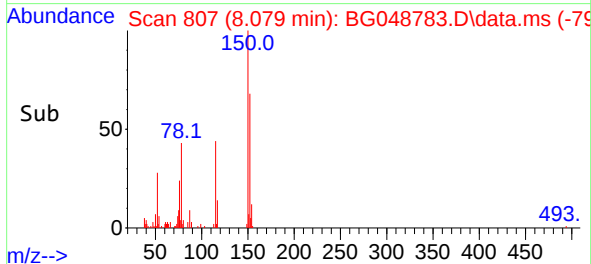
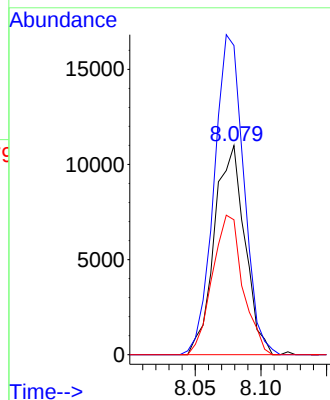
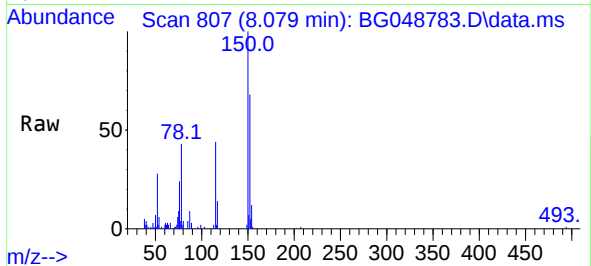




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.079 min Scan# 807  
Delta R.T. -0.001 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

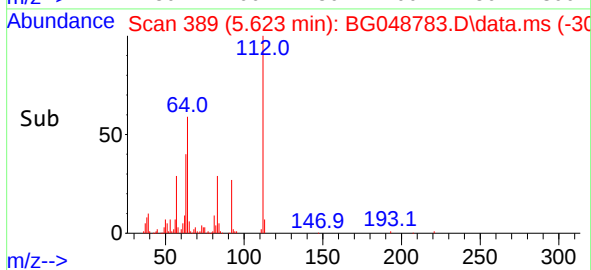
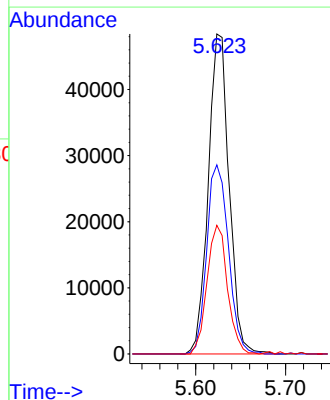
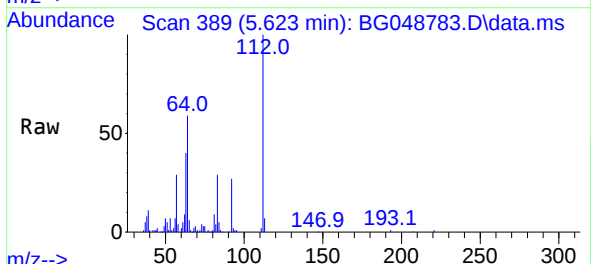
Instrument :  
BNA\_G  
ClientSampleId :  
MW-13

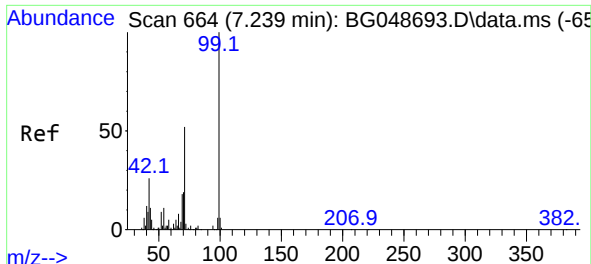
Tgt Ion:152 Resp: 17728  
Ion Ratio Lower Upper  
152 100  
150 147.8 119.4 179.0  
115 64.6 60.2 90.4



#5  
2-Fluorophenol  
Concen: 73.57 ng  
RT: 5.623 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Tgt Ion:112 Resp: 77984  
Ion Ratio Lower Upper  
112 100  
64 59.1 46.7 70.1  
63 40.2 35.3 52.9

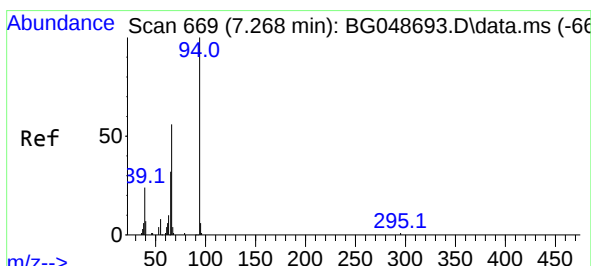
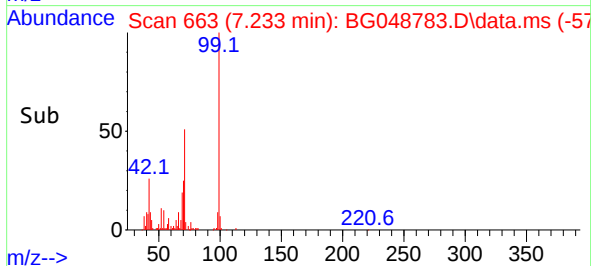
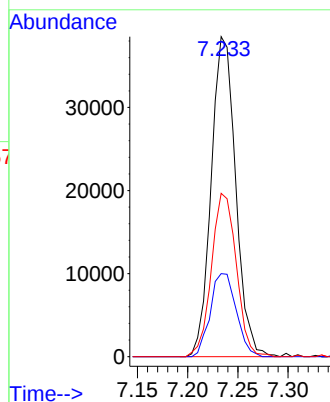
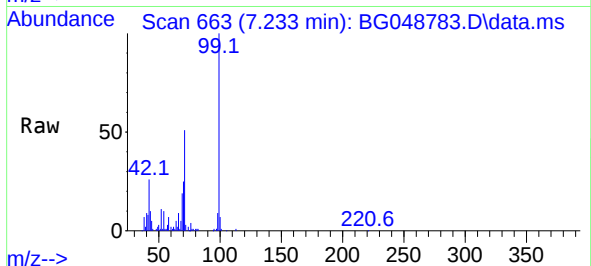




#7  
Phenol-d6  
Concen: 43.50 ng  
RT: 7.233 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

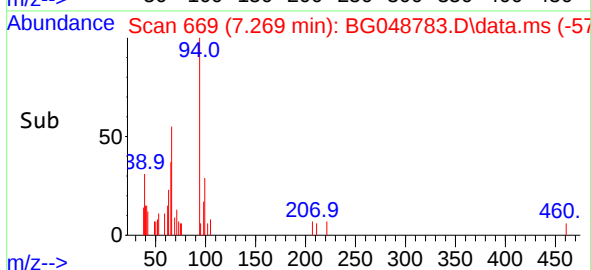
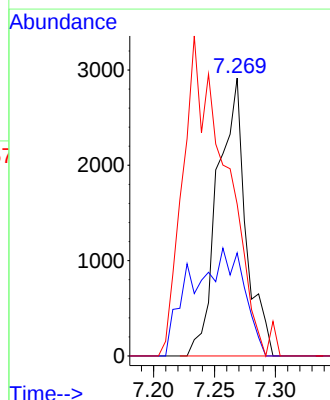
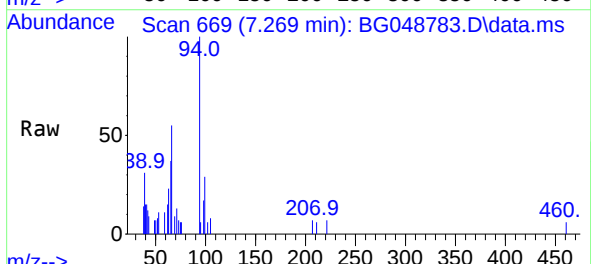
Instrument :  
BNA\_G  
ClientSampleId :  
MW-13

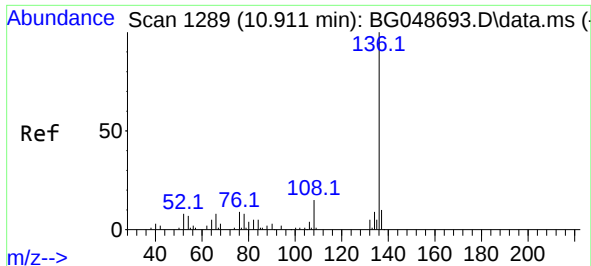
Tgt Ion: 99 Resp: 65226  
Ion Ratio Lower Upper  
99 100  
42 25.9 20.5 30.7  
71 51.0 41.5 62.3



#10  
Phenol  
Concen: 3.18 ng  
RT: 7.269 min Scan# 669  
Delta R.T. -0.001 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Tgt Ion: 94 Resp: 4690  
Ion Ratio Lower Upper  
94 100  
65 37.1 12.9 52.9  
66 54.6 39.4 79.4

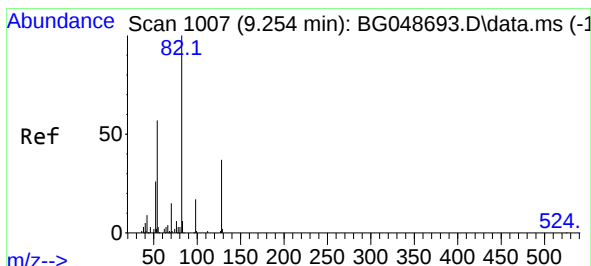
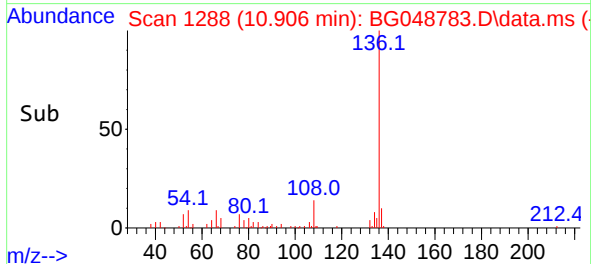
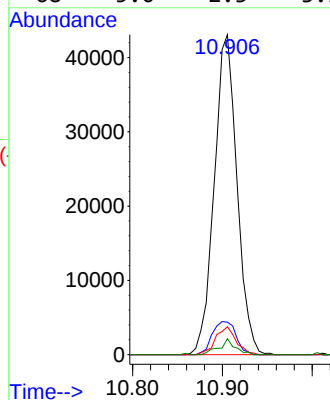
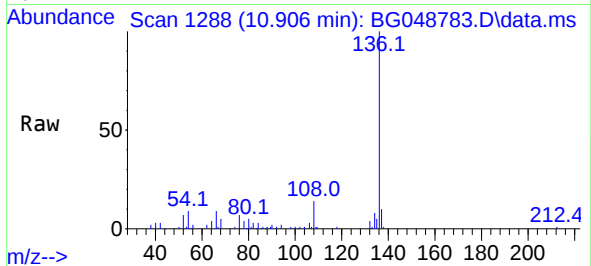




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.906 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

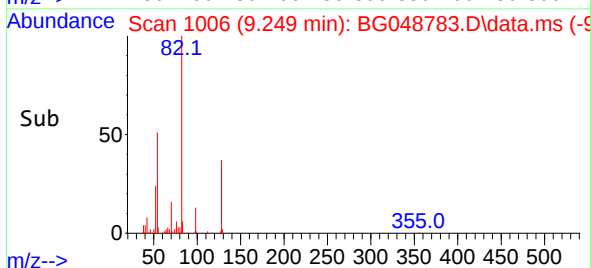
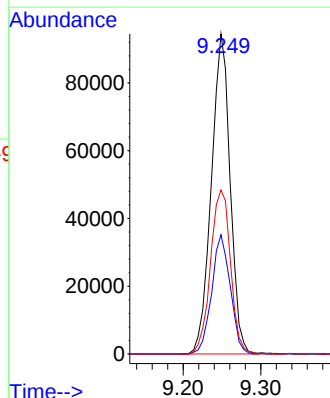
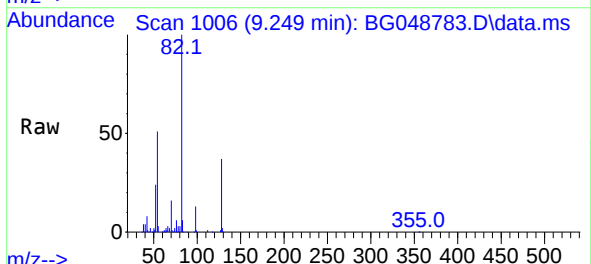
Instrument :  
BNA\_G  
ClientSampleId :  
MW-13

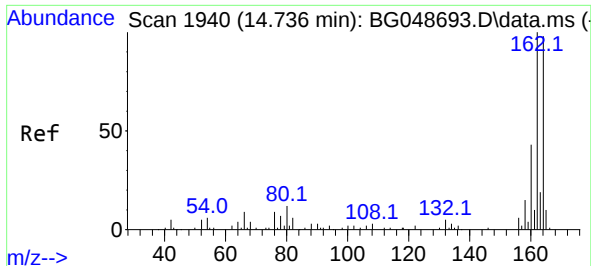
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 75654 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.2  | 8.2   | 12.2  |
| 54        | 8.7   | 5.5   | 8.3#  |
| 68        | 5.0   | 2.3   | 3.5#  |



#23  
Nitrobenzene-d5  
Concen: 94.20 ng  
RT: 9.249 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 159188 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.2  | 29.8  | 44.6   |
| 54        | 51.2  | 45.8  | 68.8   |



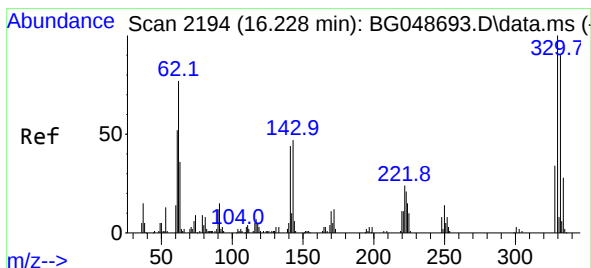
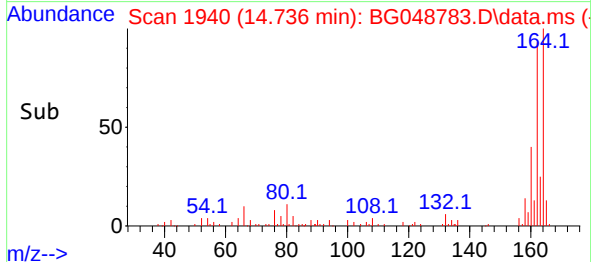
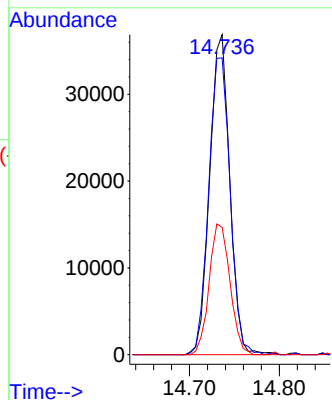
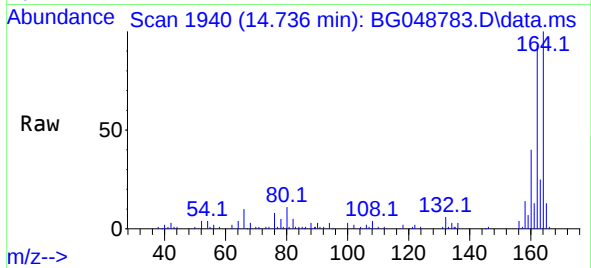


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.736 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Instrument :  
BNA\_G  
ClientSampleId :  
MW-13

Tgt Ion:164 Resp: 57243

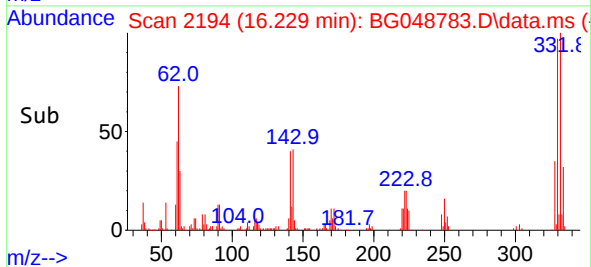
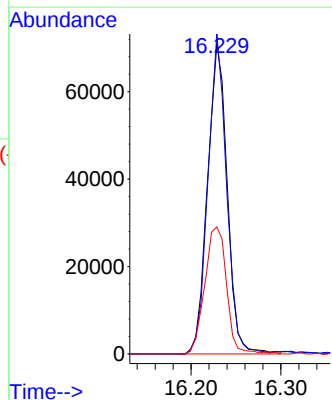
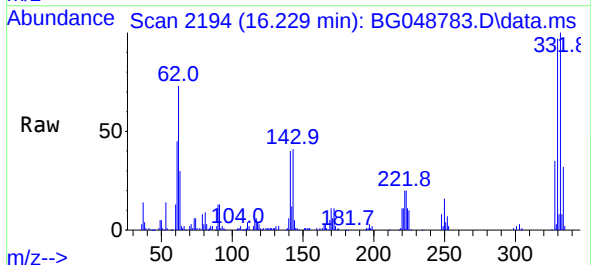
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 92.7  | 81.4  | 122.0 |
| 160 | 39.8  | 34.9  | 52.3  |

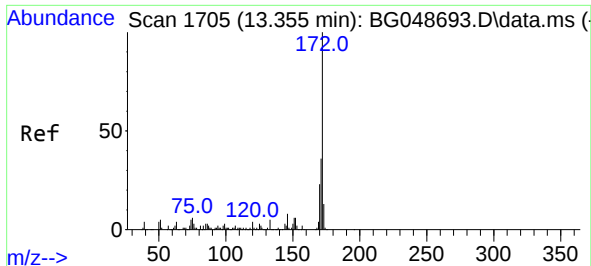


#42  
2,4,6-Tribromophenol  
Concen: 141.00 ng  
RT: 16.229 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Tgt Ion:330 Resp: 108217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.2  | 77.3  | 115.9 |
| 141 | 45.2  | 35.6  | 53.4  |

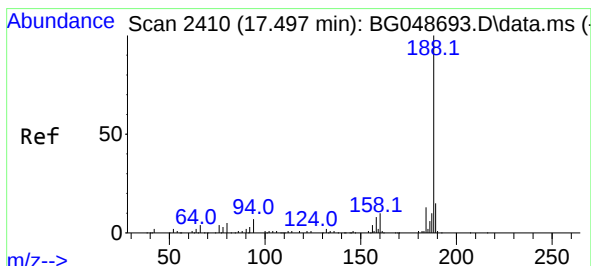
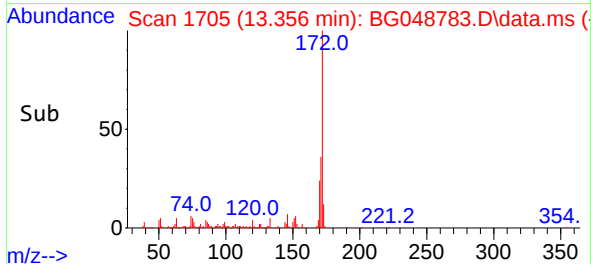
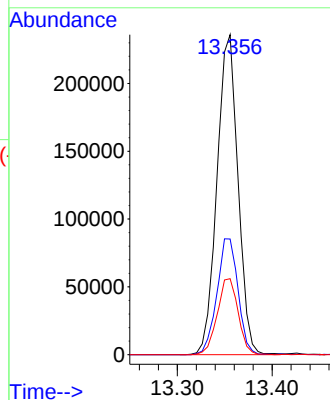
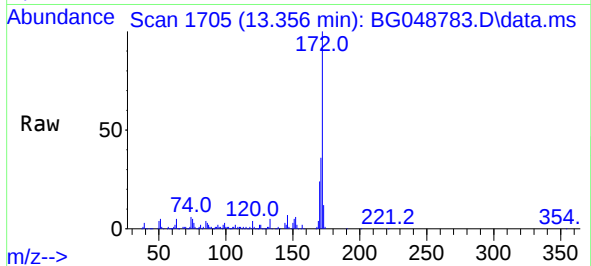




#45  
2-Fluorobiphenyl  
Concen: 91.66 ng  
RT: 13.356 min Scan# 1705  
Delta R.T. -0.001 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

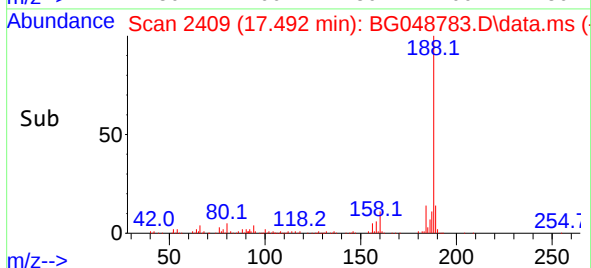
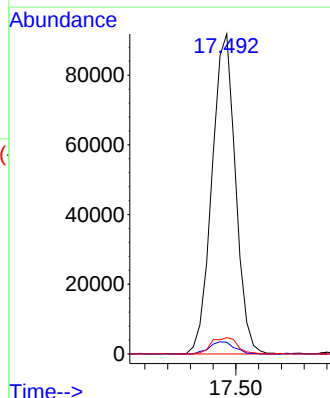
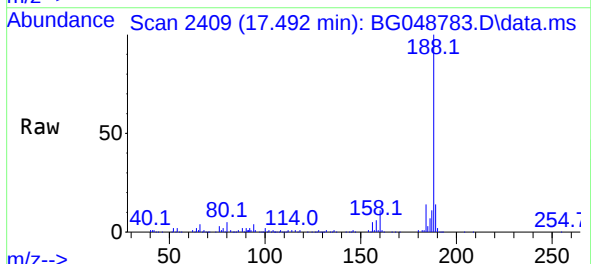
Instrument :  
BNA\_G  
ClientSampled :  
MW-13

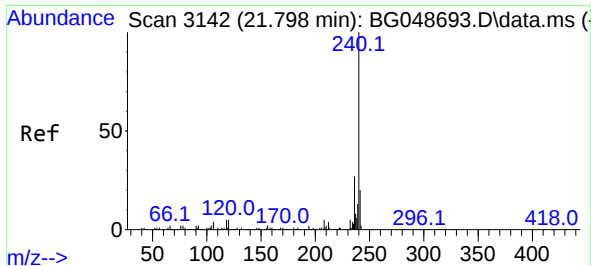
Tgt Ion:172 Resp: 363341  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 23.8 18.6 27.8



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.492 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Tgt Ion:188 Resp: 132014  
Ion Ratio Lower Upper  
188 100  
94 3.6 5.4 8.0#  
80 5.1 3.7 5.5



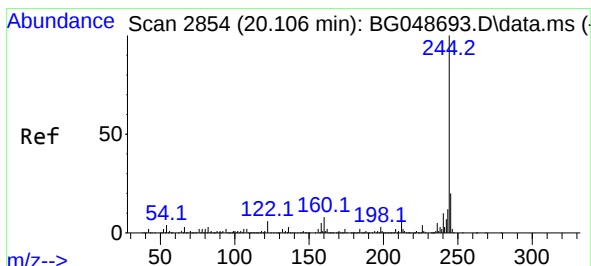
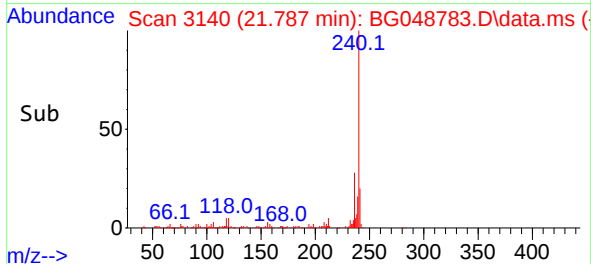
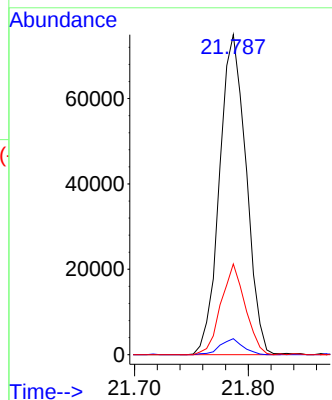
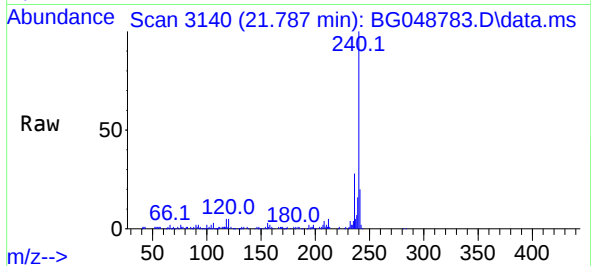


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.787 min Scan# 3140  
Delta R.T. -0.012 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Instrument :  
BNA\_G  
ClientSampled :  
MW-13

Tgt Ion:240 Resp: 122021

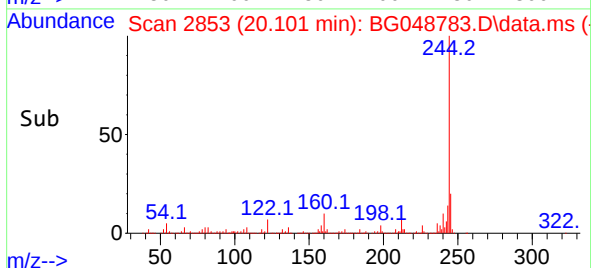
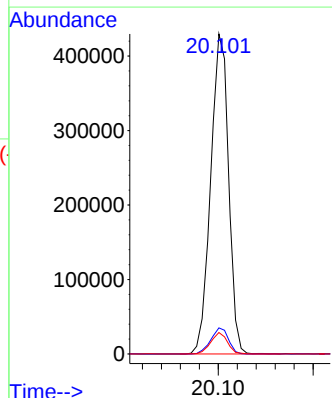
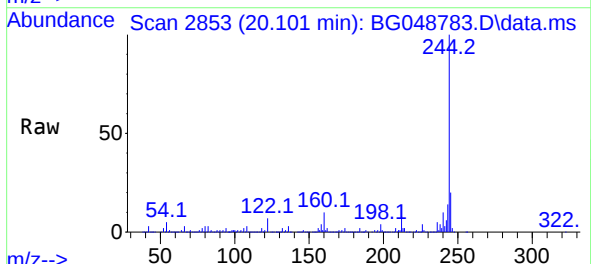
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 5.0   | 4.2   | 6.2   |
| 236 | 28.3  | 21.8  | 32.6  |

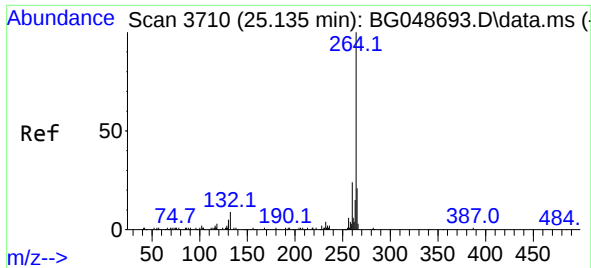


#79  
Terphenyl-d14  
Concen: 79.12 ng  
RT: 20.101 min Scan# 2853  
Delta R.T. -0.006 min  
Lab File: BG048783.D  
Acq: 20 Apr 2021 4:23

Tgt Ion:244 Resp: 560929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.2   | 6.9   | 10.3  |
| 122 | 6.7   | 5.0   | 7.6   |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.124 min Scan# 3708  
 Delta R.T. -0.018 min  
 Lab File: BG048783.D  
 Acq: 20 Apr 2021 4:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 121463 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 21.4  | 19.4  | 29.2   |
| 265       | 23.6  | 16.9  | 25.3   |

