

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042021\  
 Data File : BG048805.D  
 Acq On : 20 Apr 2021 22:13  
 Operator : CG/JU  
 Sample : M2076-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-14-0-2.0

Quant Time: Apr 21 04:33:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 17:33:30 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.062  | 152  | 14633    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.888 | 136  | 65151    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.719 | 164  | 48106    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.475 | 188  | 132411   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.776 | 240  | 132074   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 25.095 | 264  | 128616   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.612  | 112  | 96555    | 110.36 | ng    | 0.00     |
| 7) Phenol-d6                | 7.222  | 99   | 127066   | 102.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.232  | 82   | 92608    | 63.64  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.218 | 330  | 66893    | 103.71 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.339 | 172  | 209995   | 63.04  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.089 | 244  | 439567   | 57.28  | ng    | 0.00     |

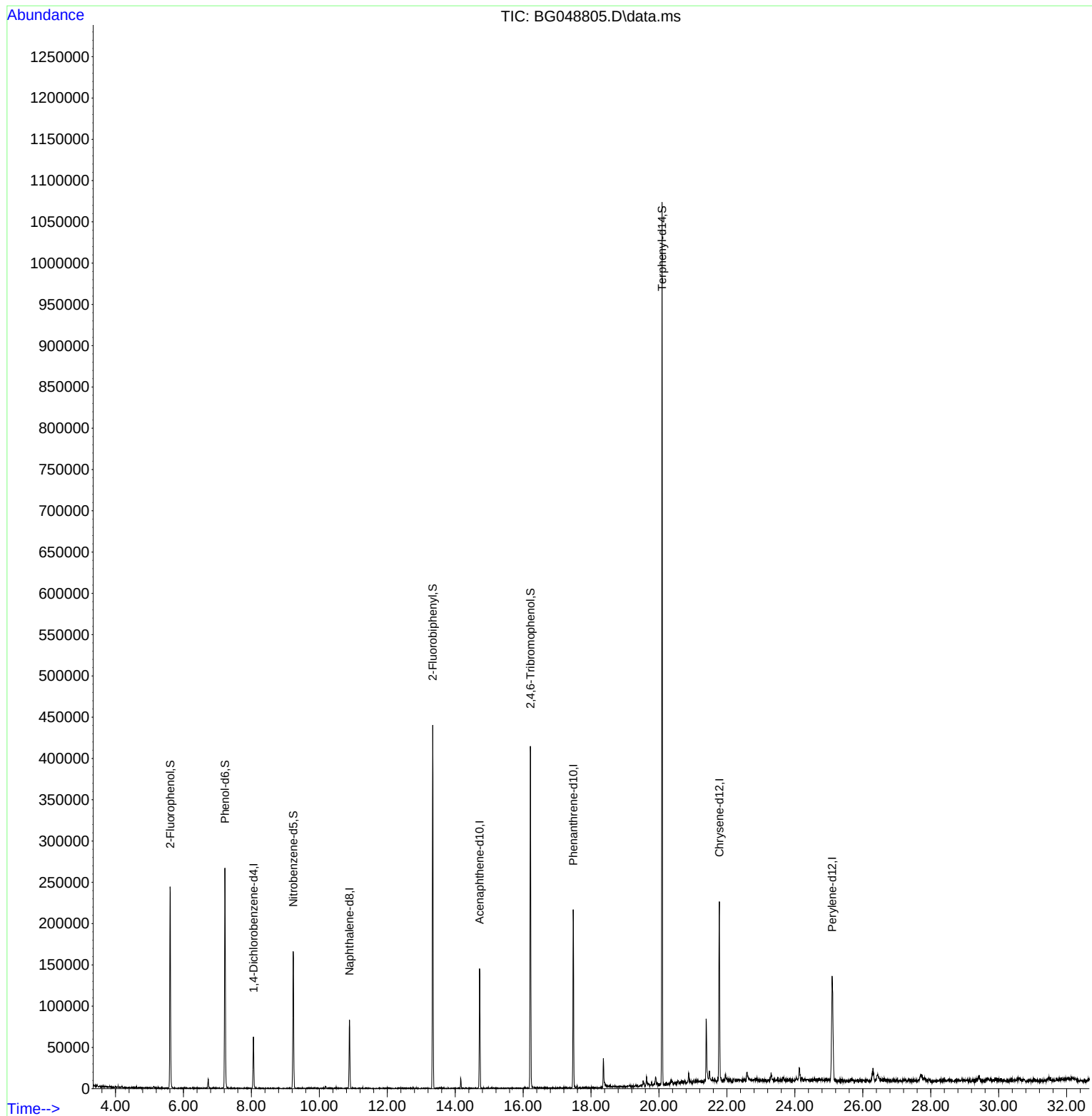
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

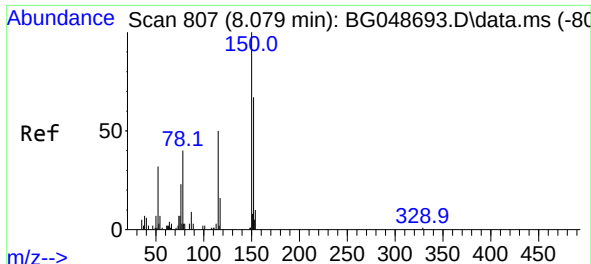
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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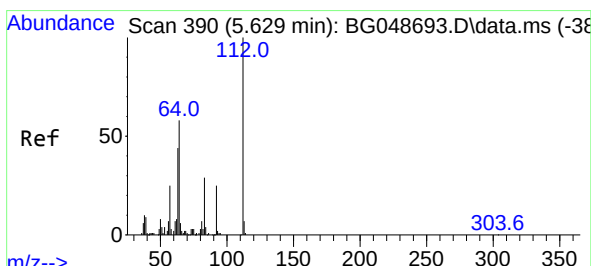
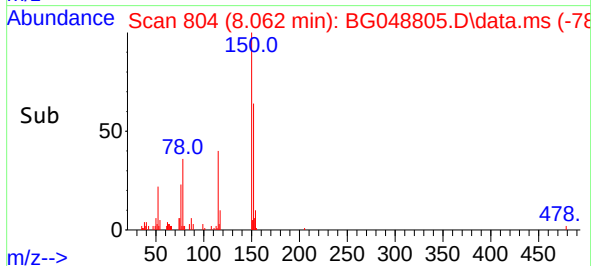
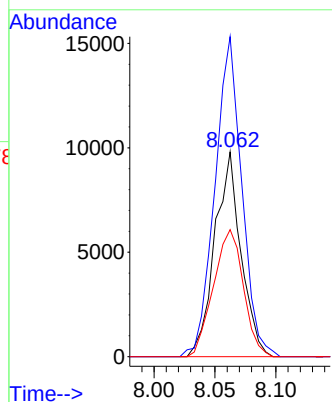
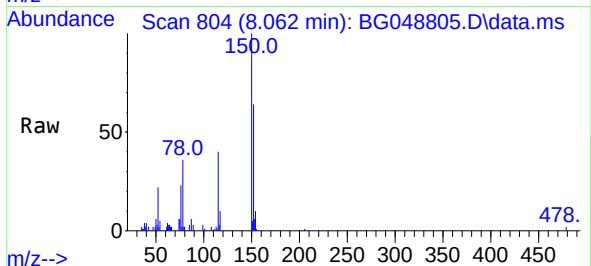




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.062 min Scan# 804  
Delta R.T. 0.001 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

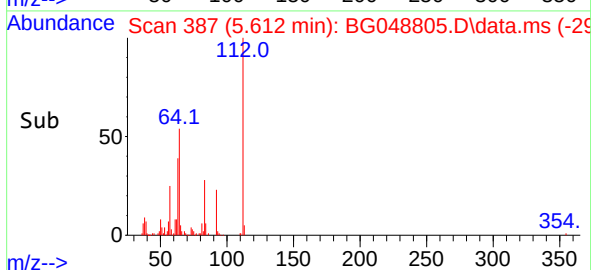
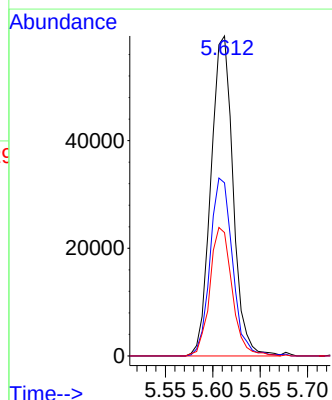
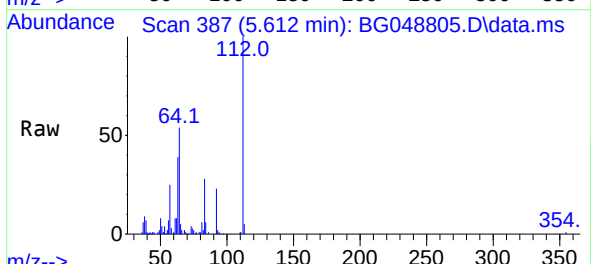
Instrument :  
BNA\_G  
ClientSampleId :  
SB-14-0-2.0

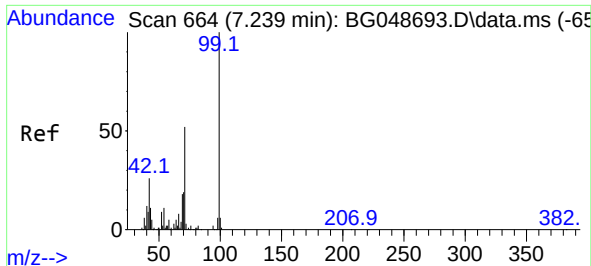
Tgt Ion:152 Resp: 14633  
Ion Ratio Lower Upper  
152 100  
150 156.3 119.4 179.0  
115 62.0 60.2 90.4



#5  
2-Fluorophenol  
Concen: 110.36 ng  
RT: 5.612 min Scan# 387  
Delta R.T. 0.007 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Tgt Ion:112 Resp: 96555  
Ion Ratio Lower Upper  
112 100  
64 54.1 46.7 70.1  
63 38.5 35.3 52.9



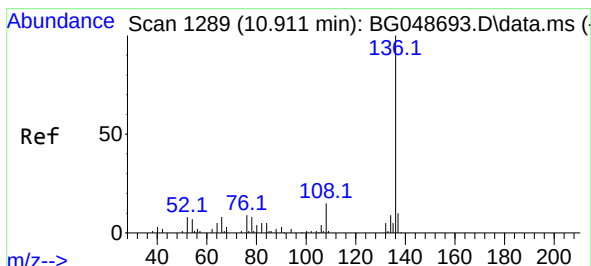
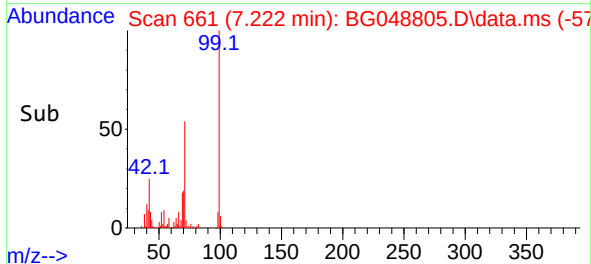
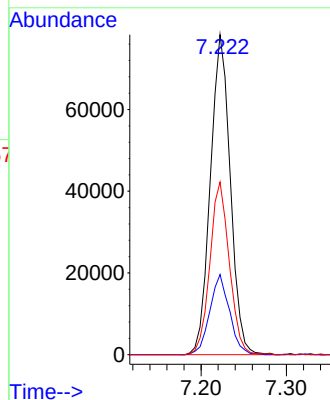
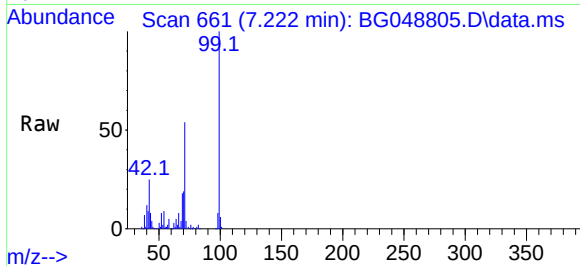


#7  
Phenol-d6  
Concen: 102.68 ng  
RT: 7.222 min Scan# 661  
Delta R.T. 0.001 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Instrument :  
BNA\_G  
ClientSampleId :  
SB-14-0-2.0

Tgt Ion: 99 Resp: 127066

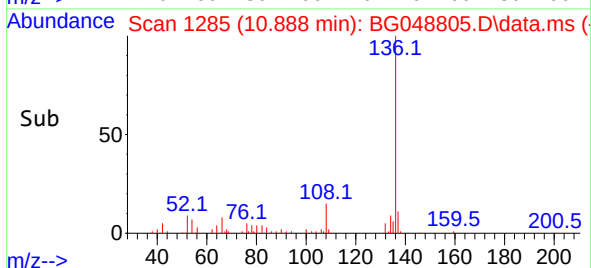
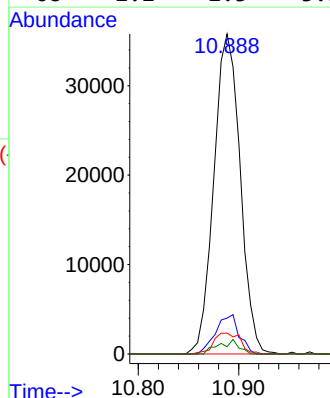
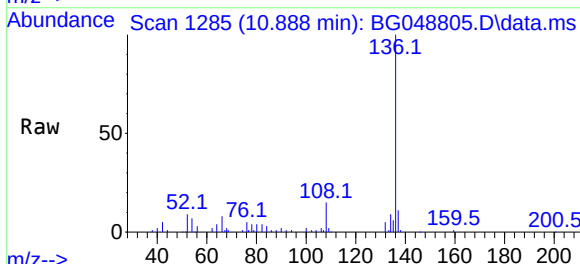
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.0  | 20.5  | 30.7  |
| 71  | 54.0  | 41.5  | 62.3  |

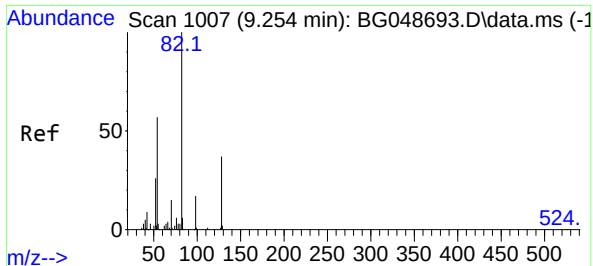


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.888 min Scan# 1285  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Tgt Ion: 136 Resp: 65151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.2   | 12.2  |
| 54  | 6.5   | 5.5   | 8.3   |
| 68  | 2.2   | 2.3   | 3.5   |

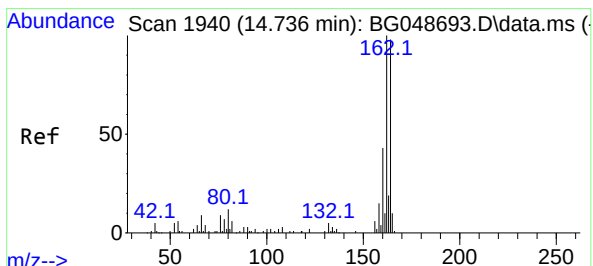
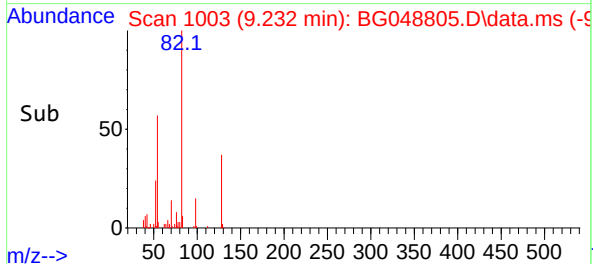
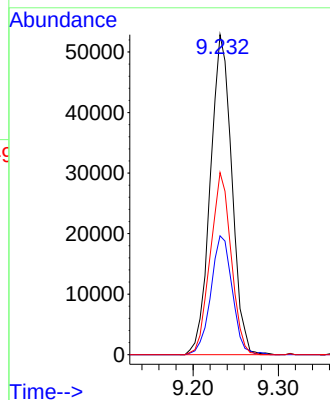
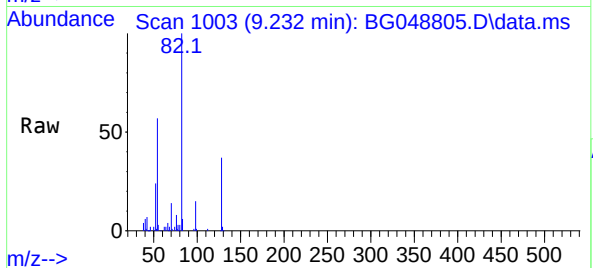




#23  
Nitrobenzene-d5  
Concen: 63.64 ng  
RT: 9.232 min Scan# 1003  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

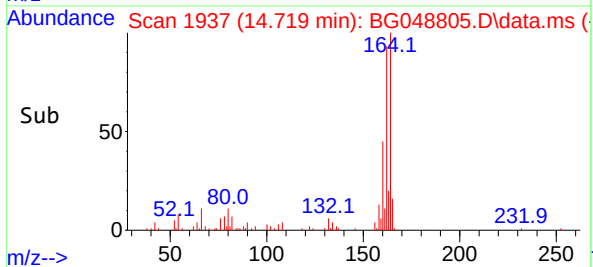
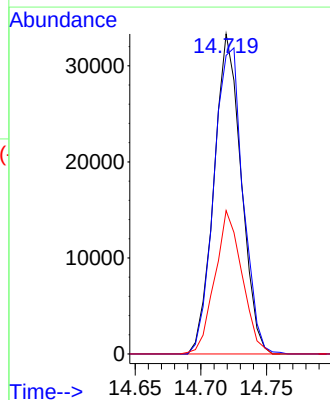
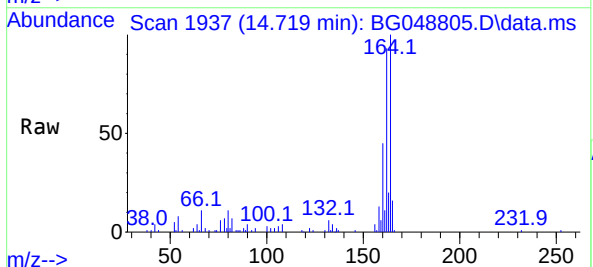
Instrument :  
BNA\_G  
ClientSampleId :  
SB-14-0-2.0

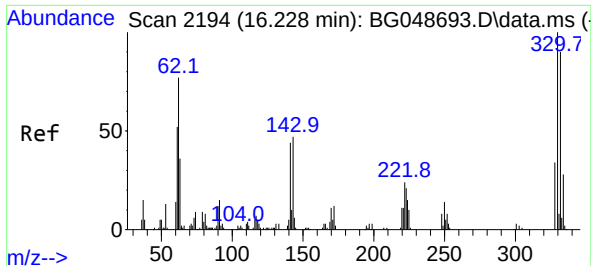
Tgt Ion: 82 Resp: 92608  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.8 44.6  
54 56.9 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.719 min Scan# 1937  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

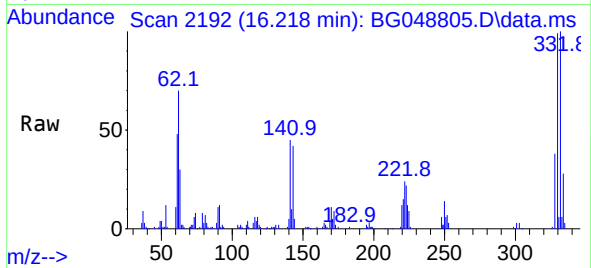
Tgt Ion:164 Resp: 48106  
Ion Ratio Lower Upper  
164 100  
162 93.3 81.4 122.0  
160 44.8 34.9 52.3



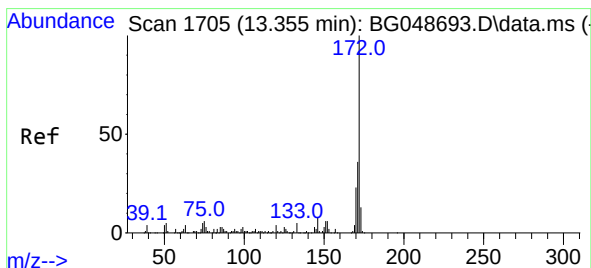
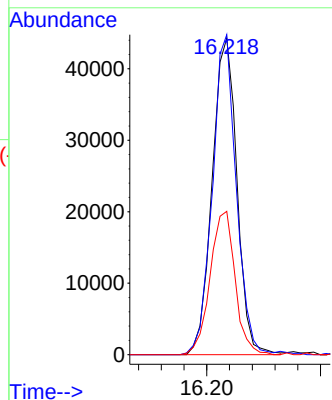
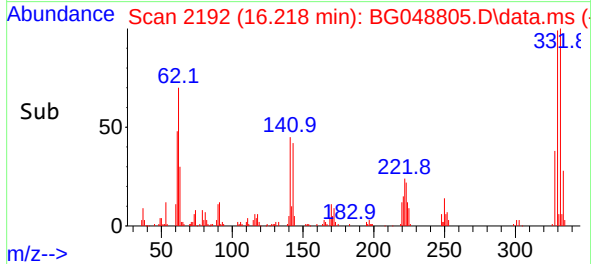


#42  
2,4,6-Tribromophenol  
Concen: 103.71 ng  
RT: 16.218 min Scan# 2192  
Delta R.T. 0.001 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

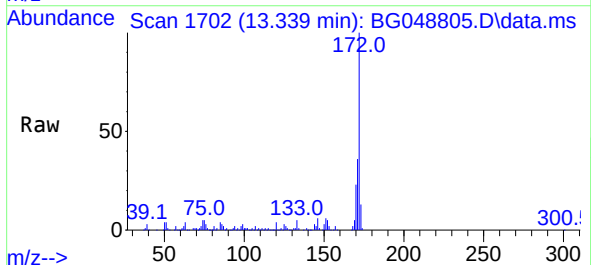
Instrument :  
BNA\_G  
ClientSampled :  
SB-14-0-2.0



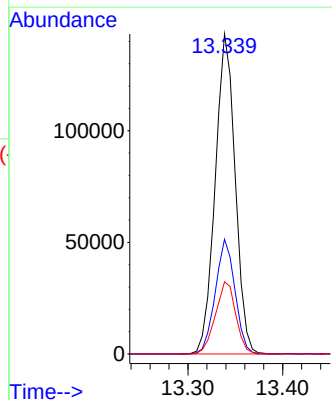
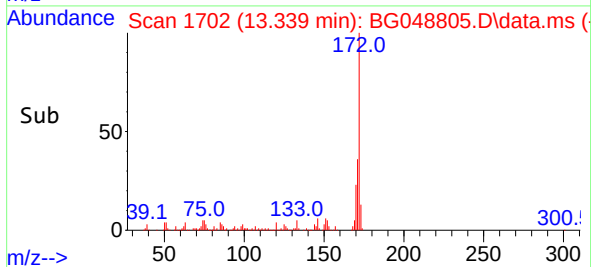
Tgt Ion:330 Resp: 66893  
Ion Ratio Lower Upper  
330 100  
332 98.1 77.3 115.9  
141 45.8 35.6 53.4

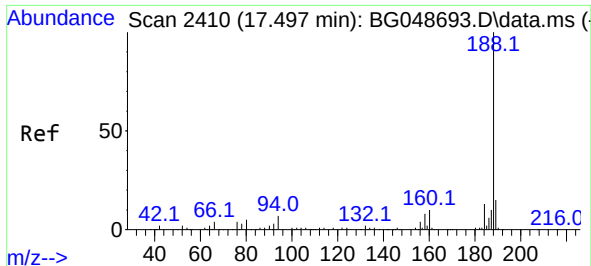


#45  
2-Fluorobiphenyl  
Concen: 63.04 ng  
RT: 13.339 min Scan# 1702  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13



Tgt Ion:172 Resp: 209995  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 43.0  
170 22.6 18.6 27.8

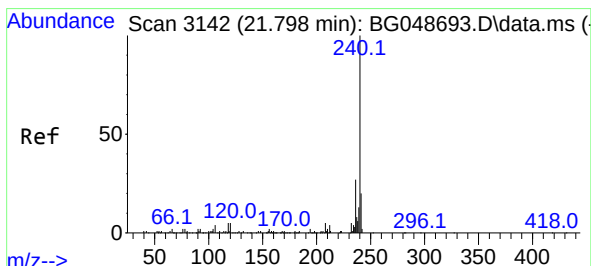
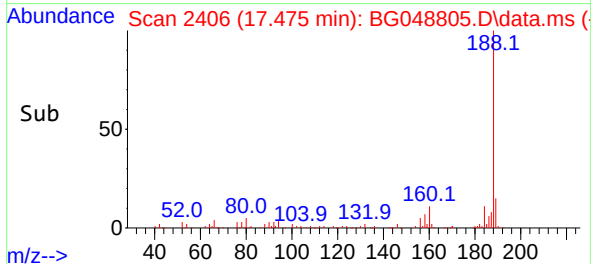
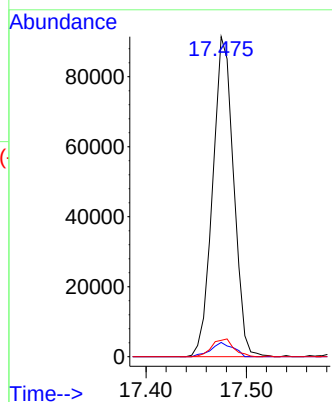
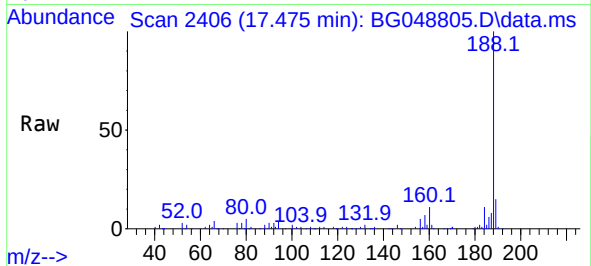




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.475 min Scan# 2406  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

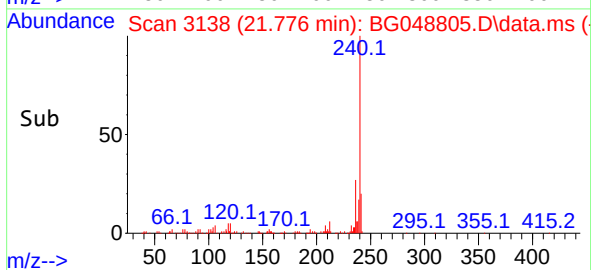
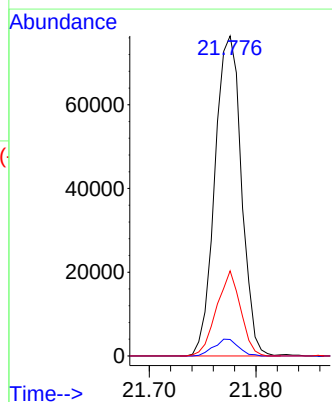
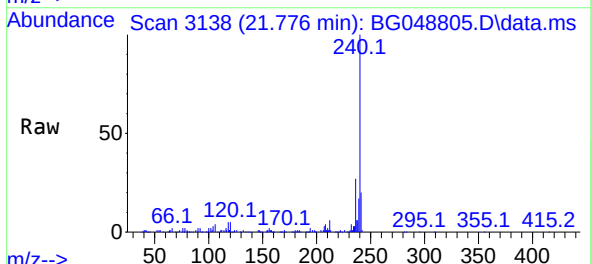
Instrument :  
BNA\_G  
ClientSampled :  
SB-14-0-2.0

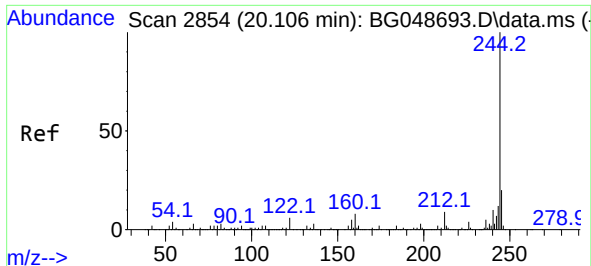
Tgt Ion:188 Resp: 132411  
Ion Ratio Lower Upper  
188 100  
94 4.5 5.4 8.0#  
80 5.1 3.7 5.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.776 min Scan# 3138  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Tgt Ion:240 Resp: 132074  
Ion Ratio Lower Upper  
240 100  
120 5.1 4.2 6.2  
236 26.6 21.8 32.6

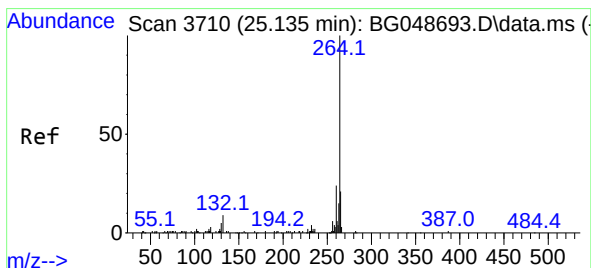
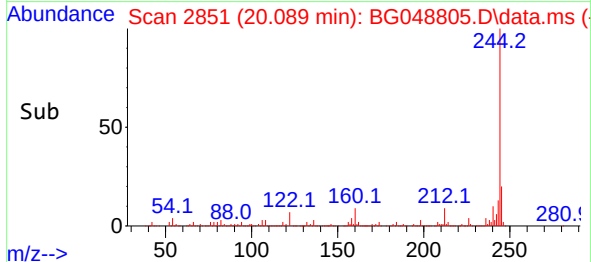
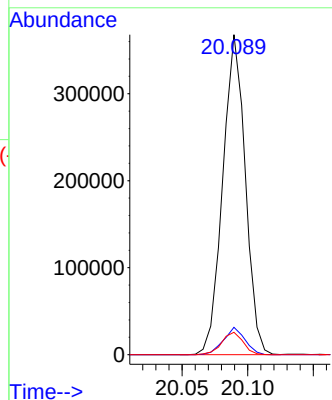
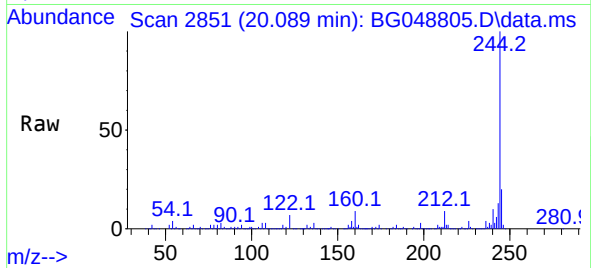




#79  
Terphenyl-d14  
Concen: 57.28 ng  
RT: 20.089 min Scan# 2851  
Delta R.T. -0.005 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Instrument :  
BNA\_G  
ClientSampleId :  
SB-14-0-2.0

Tgt Ion:244 Resp: 439567  
Ion Ratio Lower Upper  
244 100  
212 8.6 6.9 10.3  
122 7.0 5.0 7.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.095 min Scan# 3703  
Delta R.T. -0.016 min  
Lab File: BG048805.D  
Acq: 20 Apr 2021 22:13

Tgt Ion:264 Resp: 128616  
Ion Ratio Lower Upper  
264 100  
260 22.2 19.4 29.2  
265 21.3 16.9 25.3

