

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111621\  
 Data File : BG051049.D  
 Acq On : 15 Nov 2021 20:05  
 Operator : CG/JU  
 Sample : M4674-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MF-SOIL-P4

Quant Time: Nov 16 00:40:55 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:55:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.226  | 152  | 37456    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.052 | 136  | 169406   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.853 | 164  | 119223   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.597 | 188  | 268583   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.898 | 240  | 218303   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.300 | 264  | 212170   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.764  | 112  | 377443   | 150.742 | ng    | 0.00     |
| 7) Phenol-d6                | 7.374  | 99   | 507387   | 143.567 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.401  | 82   | 344736   | 90.081  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.340 | 330  | 166691   | 139.713 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.473 | 172  | 663509   | 87.933  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.188 | 244  | 976836   | 81.877  | ng    | 0.00     |

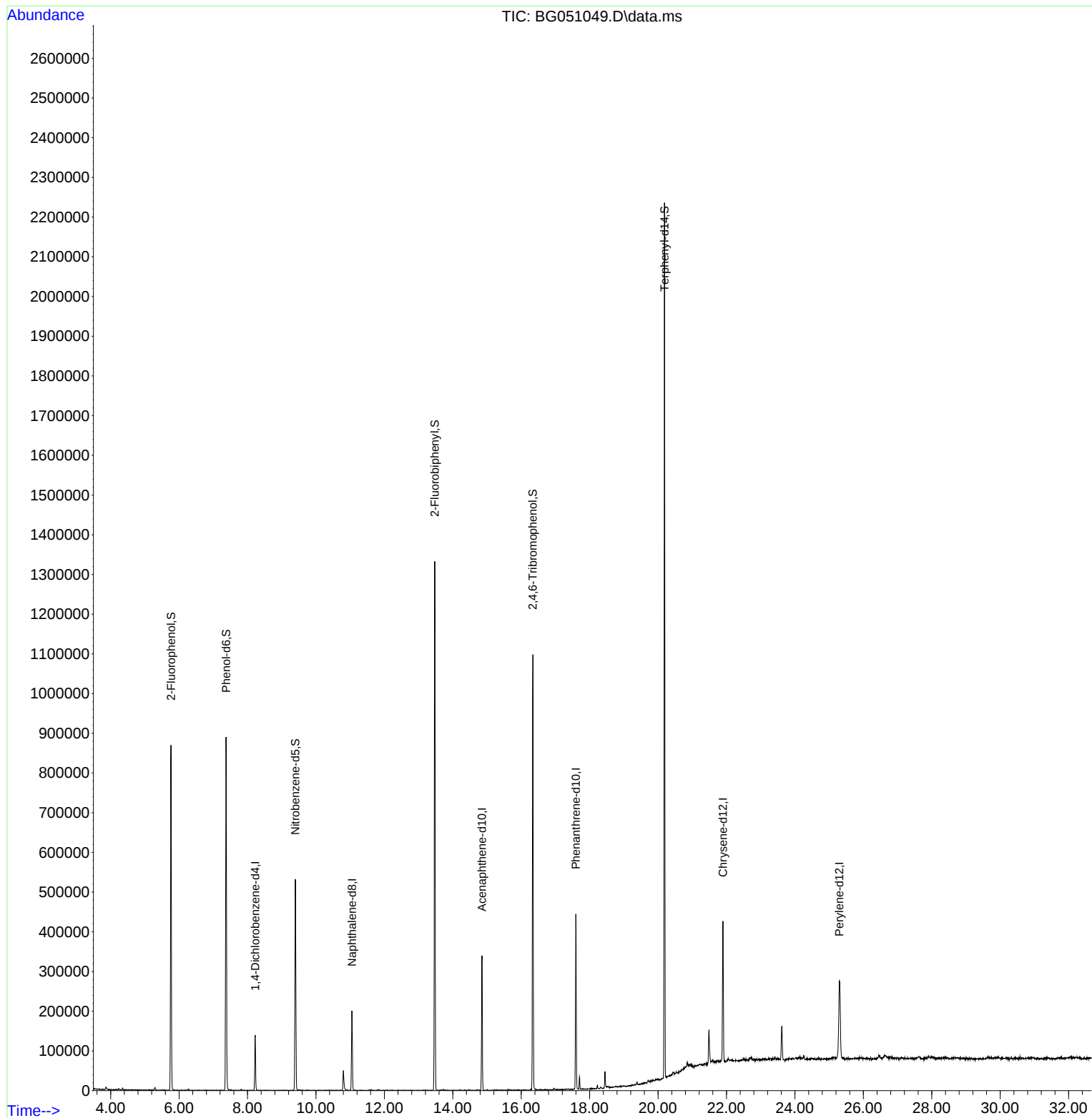
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

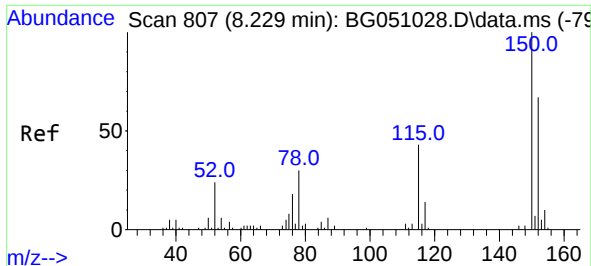
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 15 03:55:35 2021  
Response via : Initial Calibration

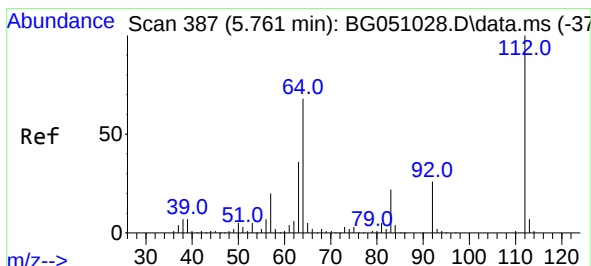
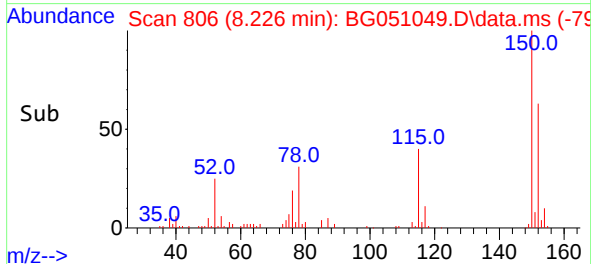
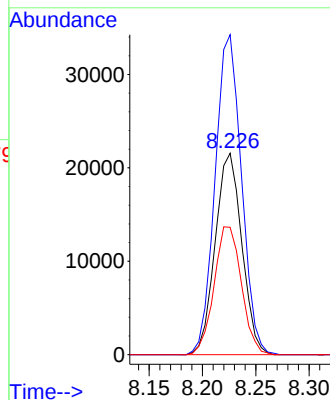
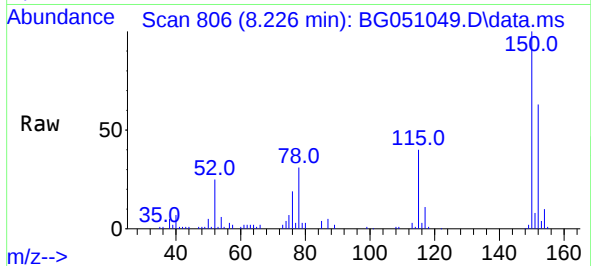




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.226 min Scan# 807  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

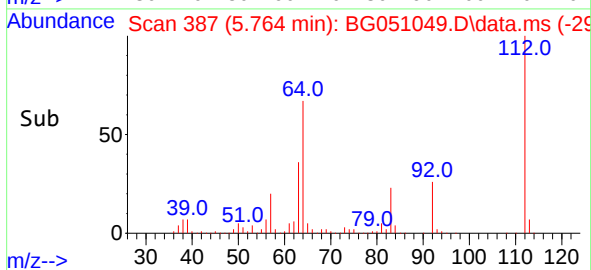
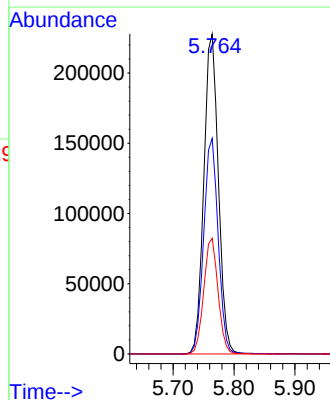
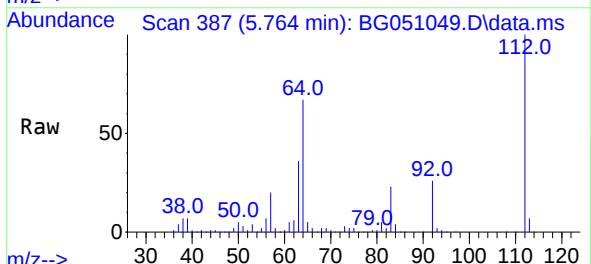
Instrument :  
BNA\_G  
ClientSampleId :  
MF-SOIL-P4

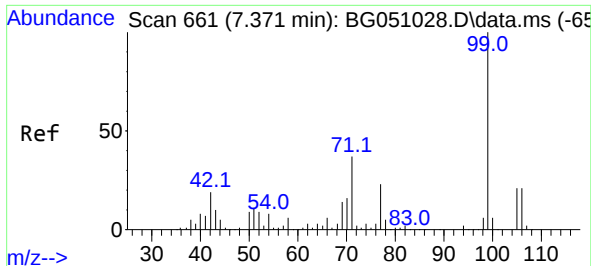
Tgt Ion:152 Resp: 37456  
Ion Ratio Lower Upper  
152 100  
150 158.9 119.4 179.0  
115 63.3 60.2 90.4



#5  
2-Fluorophenol  
Concen: 150.742 ng  
RT: 5.764 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

Tgt Ion:112 Resp: 377443  
Ion Ratio Lower Upper  
112 100  
64 67.4 46.7 70.1  
63 36.2 35.3 52.9

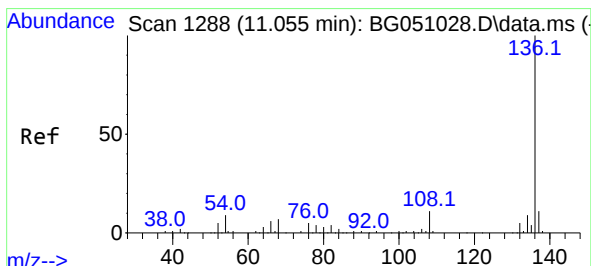
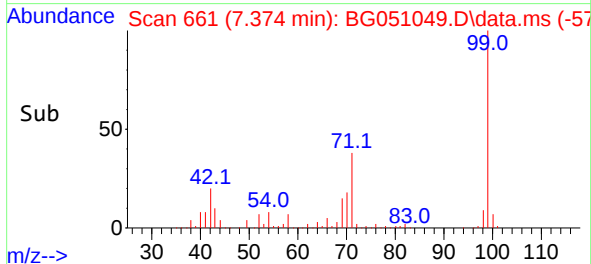
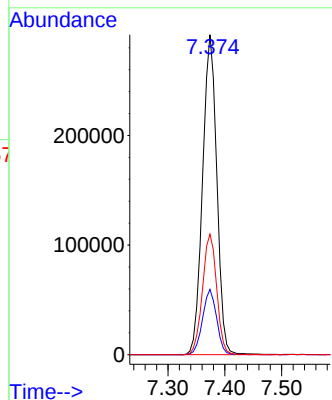
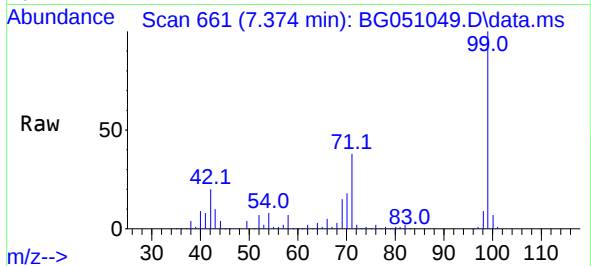




#7  
Phenol-d6  
Concen: 143.567 ng  
RT: 7.374 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

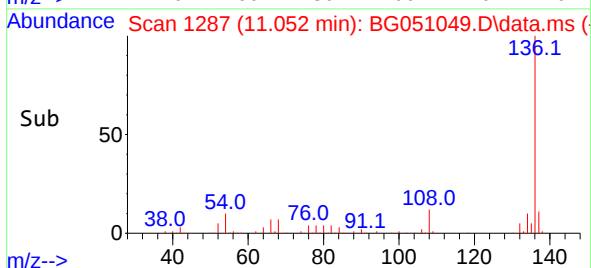
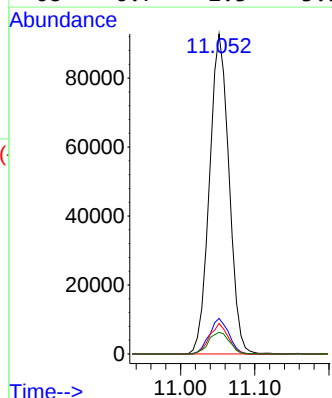
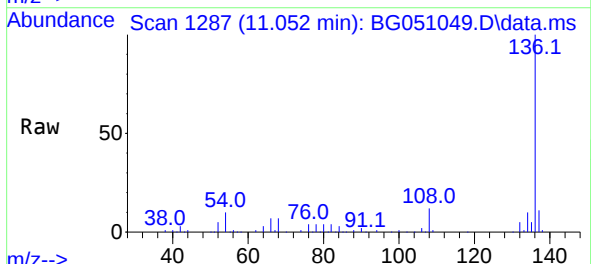
Instrument :  
BNA\_G  
ClientSampleId :  
MF-SOIL-P4

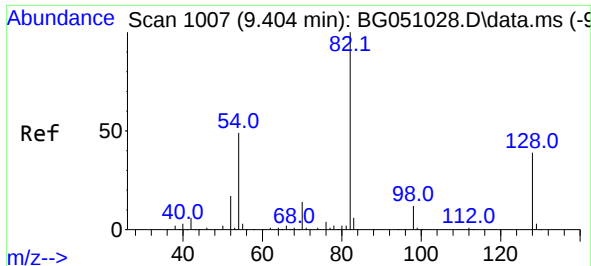
Tgt Ion: 99 Resp: 507387  
Ion Ratio Lower Upper  
99 100  
42 20.4 20.5 30.7#  
71 37.7 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.052 min Scan# 1287  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

Tgt Ion: 136 Resp: 169406  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.2 12.2  
54 9.5 5.5 8.3#  
68 6.7 2.3 3.5#

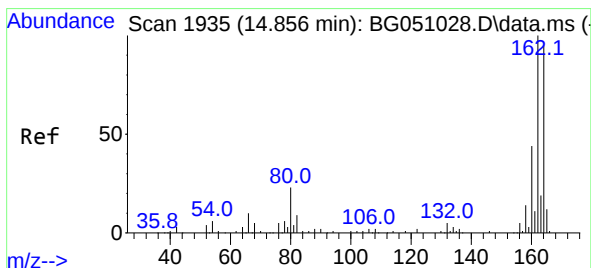
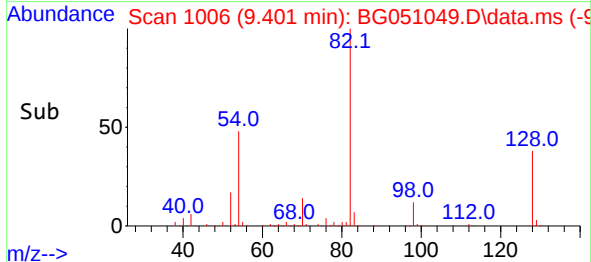
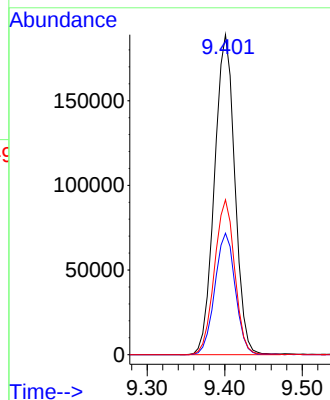
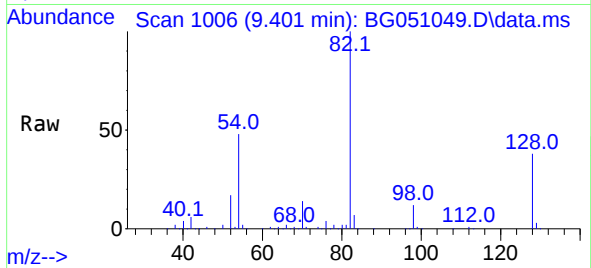




#23  
Nitrobenzene-d5  
Concen: 90.081 ng  
RT: 9.401 min Scan# 1006  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

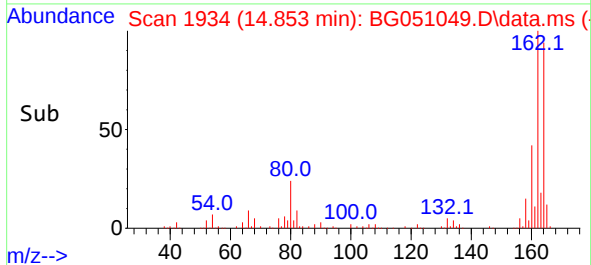
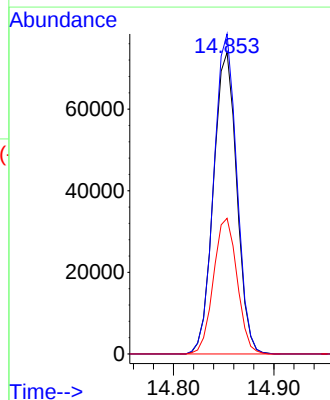
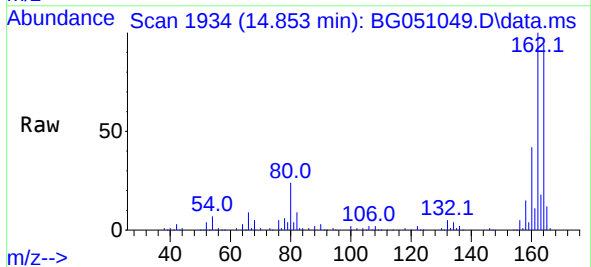
Instrument :  
BNA\_G  
ClientSampleId :  
MF-SOIL-P4

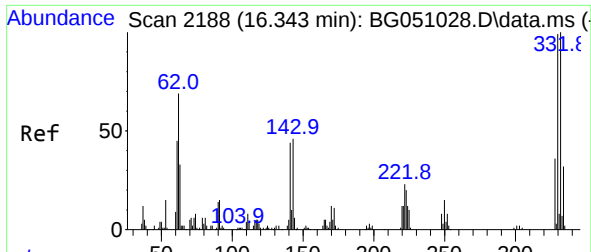
Tgt Ion: 82 Resp: 344736  
Ion Ratio Lower Upper  
82 100  
128 37.9 29.8 44.6  
54 48.4 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.853 min Scan# 1934  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

Tgt Ion:164 Resp: 119223  
Ion Ratio Lower Upper  
164 100  
162 106.1 81.4 122.0  
160 45.0 34.9 52.3

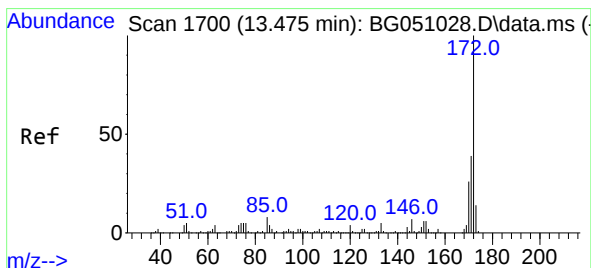
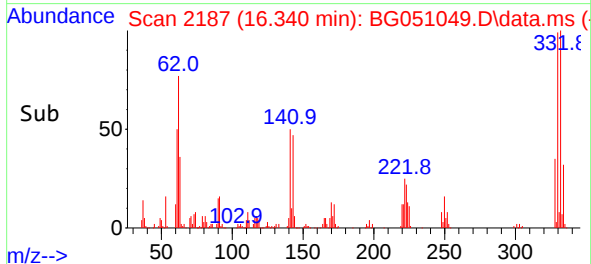
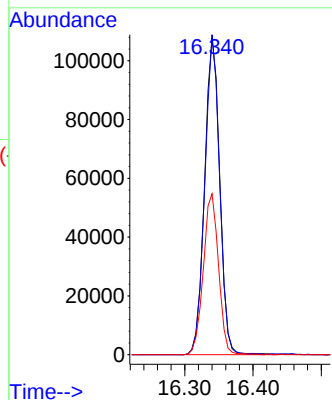
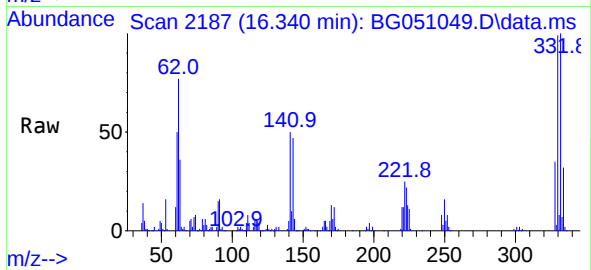




#42  
2,4,6-Tribromophenol  
Concen: 139.713 ng  
RT: 16.340 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

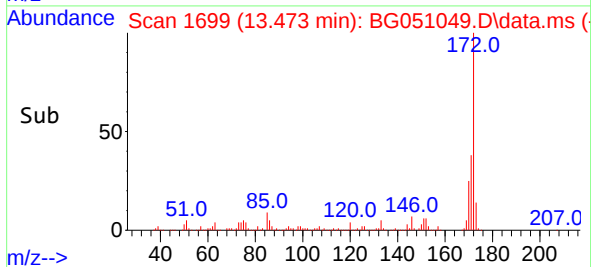
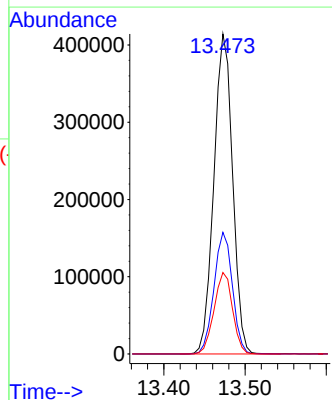
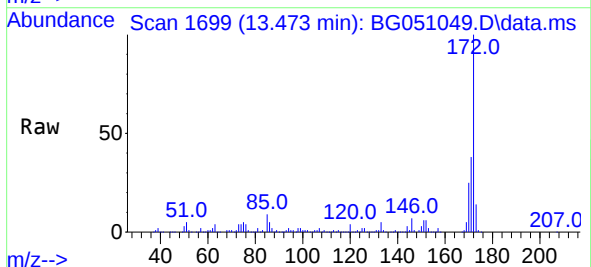
Instrument :  
BNA\_G  
ClientSampleId :  
MF-SOIL-P4

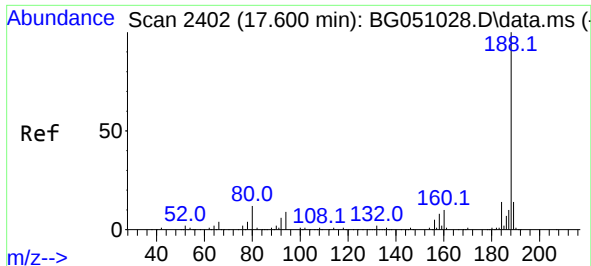
Tgt Ion:330 Resp: 166691  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.3 115.9  
141 50.8 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 87.933 ng  
RT: 13.473 min Scan# 1699  
Delta R.T. -0.002 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

Tgt Ion:172 Resp: 663509  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.6 43.0  
170 25.5 18.6 27.8

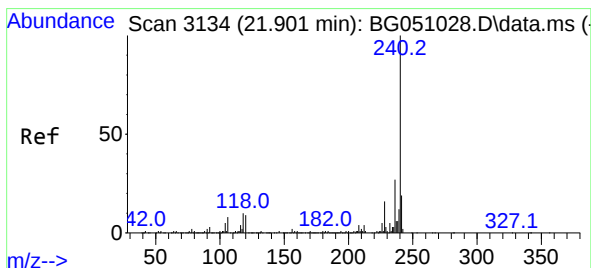
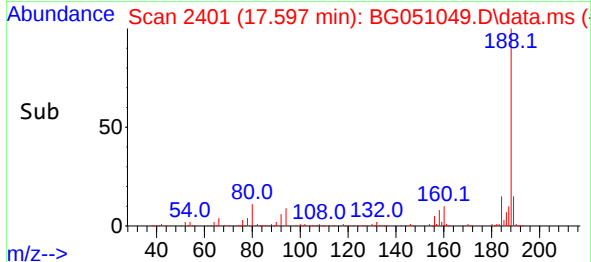
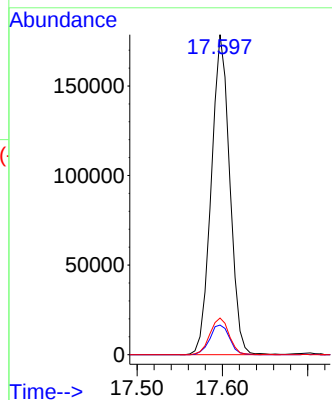
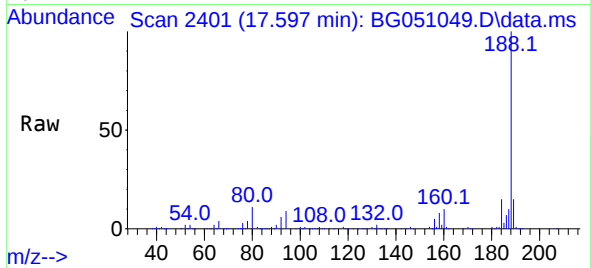




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.597 min Scan# 2401  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

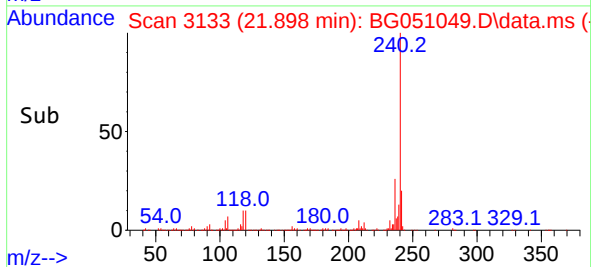
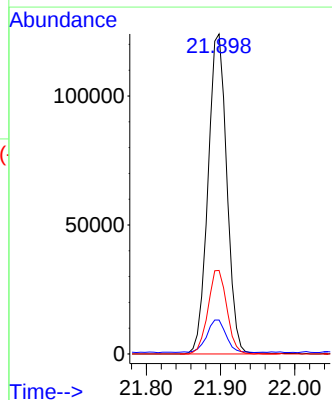
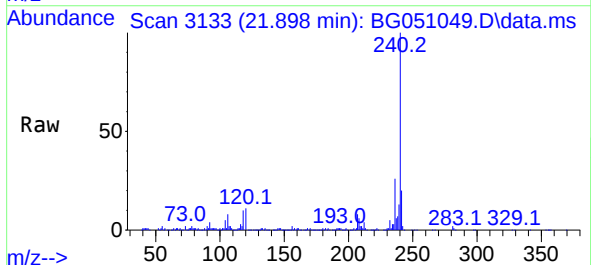
Instrument :  
BNA\_G  
ClientSampleId :  
MF-SOIL-P4

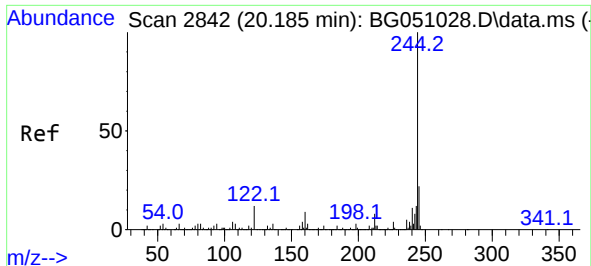
Tgt Ion:188 Resp: 268583  
Ion Ratio Lower Upper  
188 100  
94 9.3 5.4 8.0#  
80 11.4 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.898 min Scan# 3133  
Delta R.T. -0.003 min  
Lab File: BG051049.D  
Acq: 15 Nov 2021 20:05

Tgt Ion:240 Resp: 218303  
Ion Ratio Lower Upper  
240 100  
120 10.6 4.2 6.2#  
236 26.1 21.8 32.6

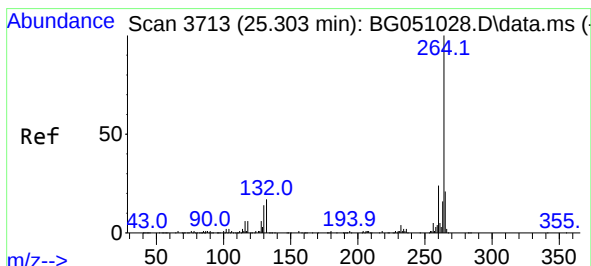
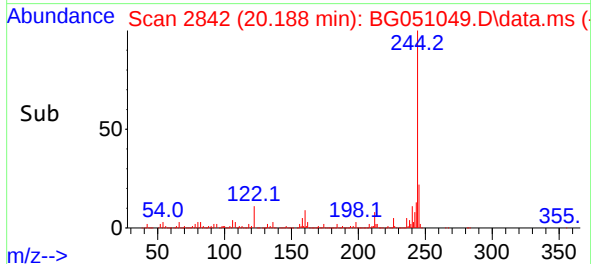
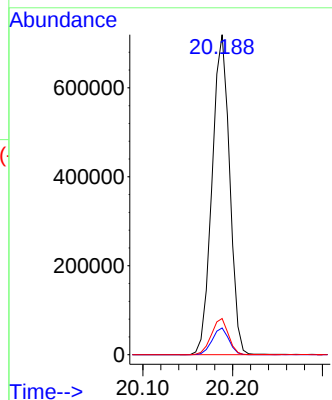
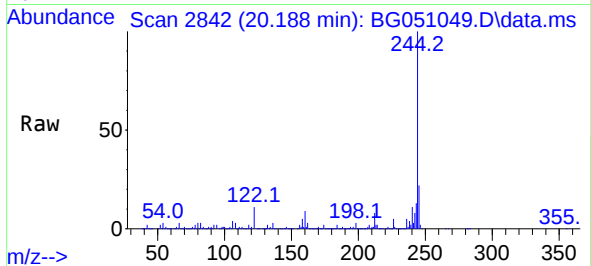




#79  
 Terphenyl-d14  
 Concen: 81.877 ng  
 RT: 20.188 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG051049.D  
 Acq: 15 Nov 2021 20:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MF-SOIL-P4

Tgt Ion:244 Resp: 976836  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.9 10.3  
 122 11.3 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.300 min Scan# 3712  
 Delta R.T. -0.003 min  
 Lab File: BG051049.D  
 Acq: 15 Nov 2021 20:05

Tgt Ion:264 Resp: 212170  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.4 29.2  
 265 21.1 16.9 25.3

