

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032222\  
 Data File : BG052787.D  
 Acq On : 22 Mar 2022 15:57  
 Operator : CG/JU  
 Sample : N1985-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VACLOT-SOIL-1

Quant Time: Mar 22 16:40:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 15 15:56:10 2022  
 Response via : Initial Calibration

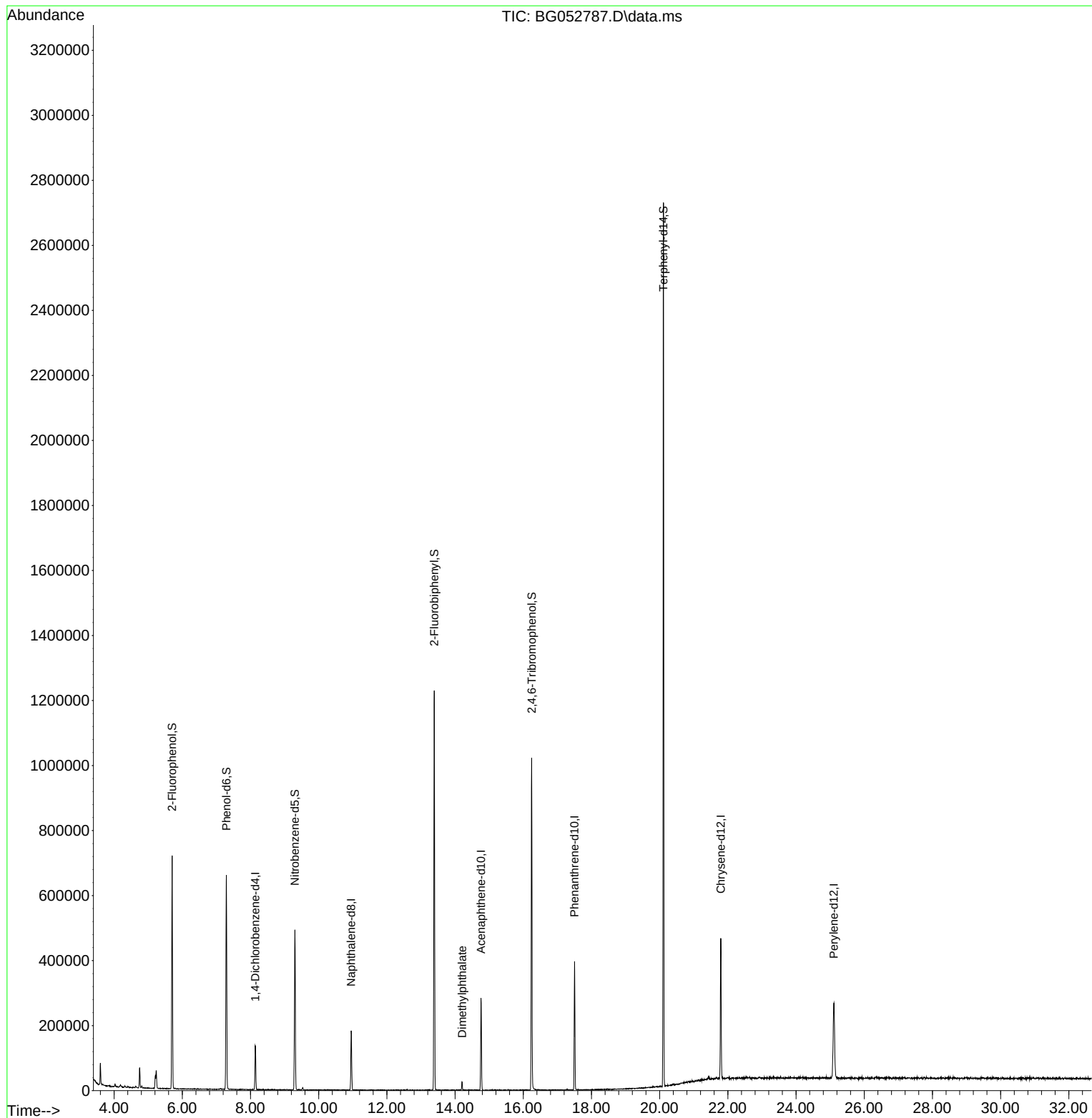
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.140  | 152  | 36943    | 20.000  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.954 | 136  | 148697   | 20.000  | ng    | #-0.02    |
| 39) Acenaphthene-d10        | 14.761 | 164  | 102639   | 20.000  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.504 | 188  | 247438   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.792 | 240  | 274316   | 20.000  | ng    | -0.02     |
| 86) Perylene-d12            | 25.111 | 264  | 270360   | 20.000  | ng    | -0.03     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.702  | 112  | 290815   | 137.092 | ng    | 0.00      |
| 7) Phenol-d6                | 7.294  | 99   | 378844   | 118.459 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.303  | 82   | 310822   | 104.913 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.247 | 330  | 207402   | 150.379 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.392 | 172  | 658171   | 94.574  | ng    | -0.01     |
| 79) Terphenyl-d14           | 20.112 | 244  | 1336258  | 86.652  | ng    | -0.01     |
| Target Compounds            |        |      |          |         |       |           |
| 50) Dimethylphthalate       | 14.209 | 163  | 17109    | 2.243   | ng    | Qvalue 98 |
| -----                       |        |      |          |         |       |           |

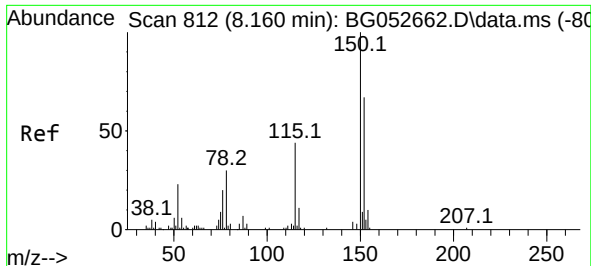
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VACLOT-SOIL-1

Quant Time: Mar 22 16:40:28 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 15 15:56:10 2022  
Response via : Initial Calibration

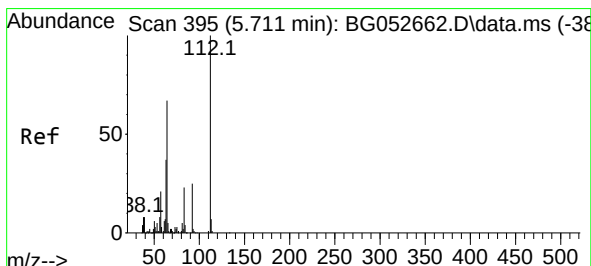
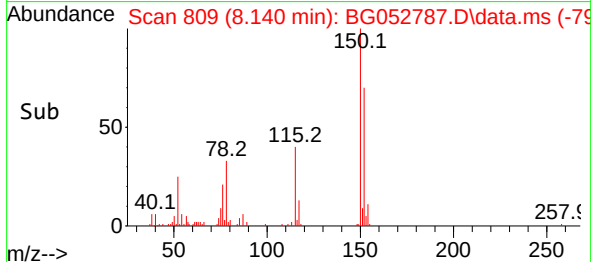
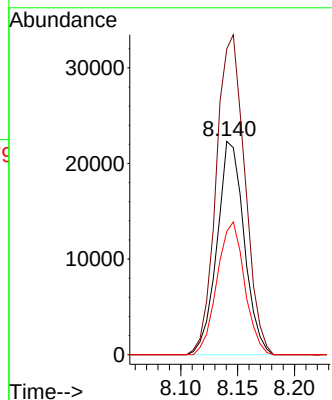
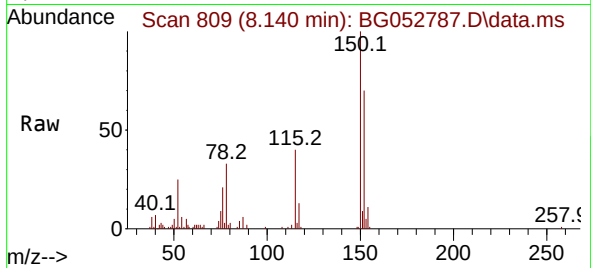




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.140 min Scan# 809  
Delta R.T. -0.020 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

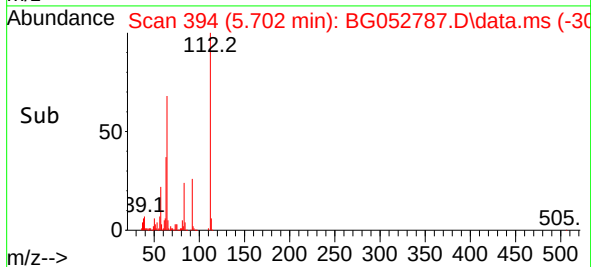
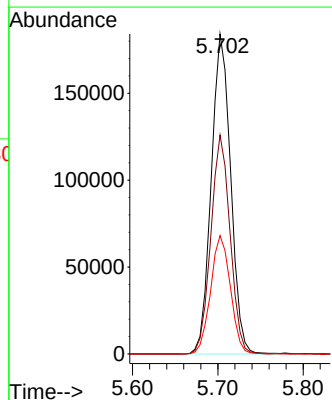
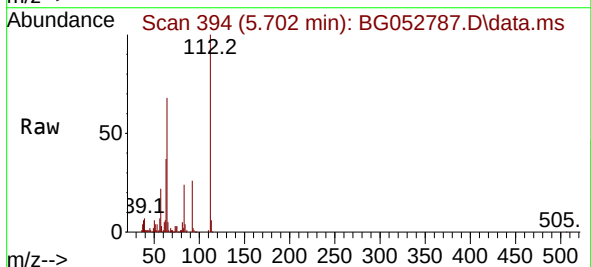
Instrument :  
BNA\_G  
ClientSampleId :  
VACLOT-SOIL-1

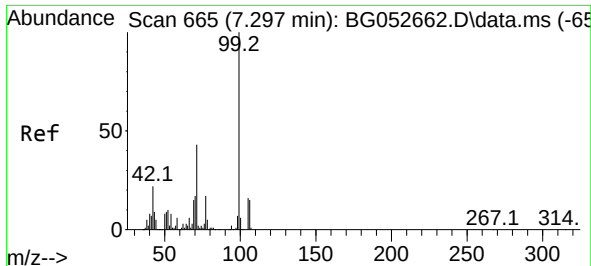
Tgt Ion:152 Resp: 36943  
Ion Ratio Lower Upper  
152 100  
150 143.3 114.6 172.0  
115 57.7 45.9 68.9



#5  
2-Fluorophenol  
Concen: 137.092 ng  
RT: 5.702 min Scan# 394  
Delta R.T. -0.008 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

Tgt Ion:112 Resp: 290815  
Ion Ratio Lower Upper  
112 100  
64 68.4 48.0 72.0  
63 37.0 26.5 39.7

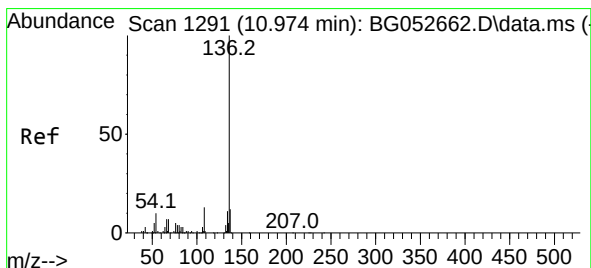
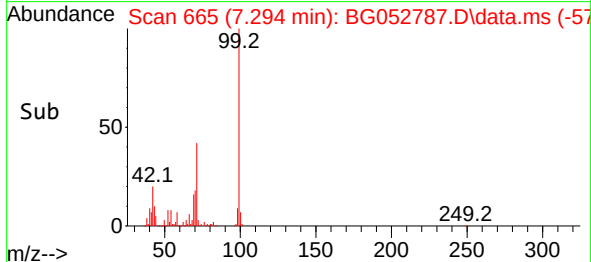
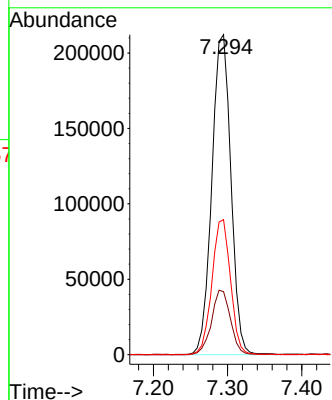
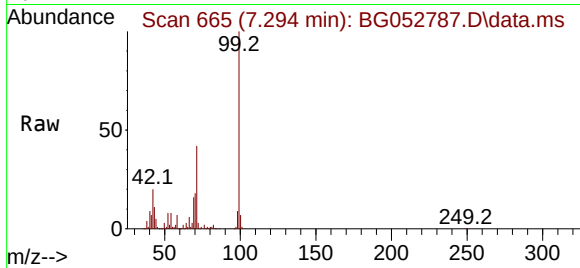




#7  
Phenol-d6  
Concen: 118.459 ng  
RT: 7.294 min Scan# 60  
Delta R.T. -0.002 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

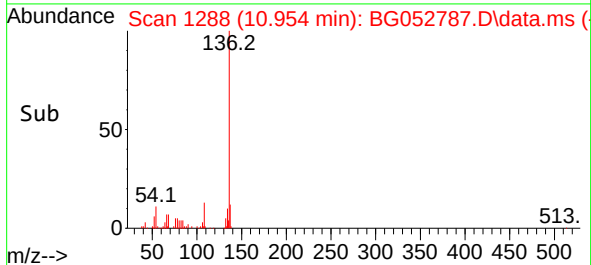
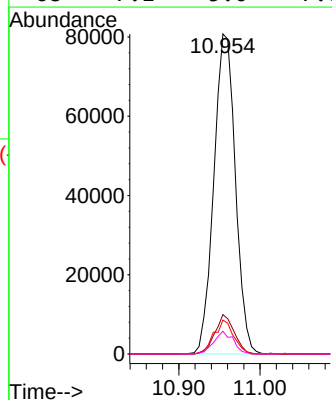
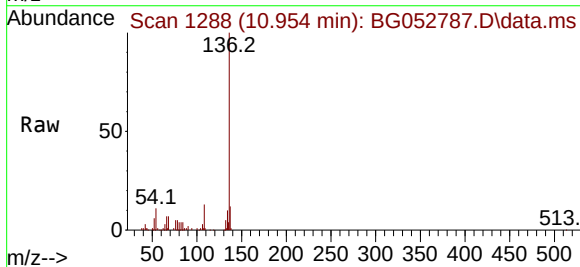
Instrument :  
BNA\_G  
ClientSampleId :  
VACLOT-SOIL-1

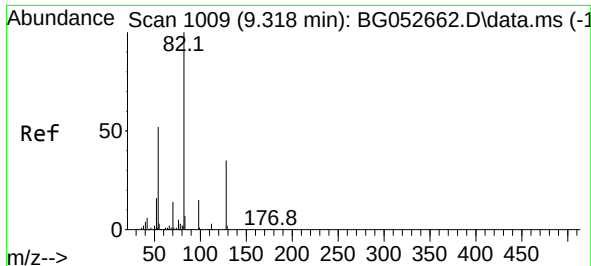
Tgt Ion: 99 Resp: 378844  
Ion Ratio Lower Upper  
99 100  
42 19.7 14.7 22.1  
71 42.2 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.954 min Scan# 1288  
Delta R.T. -0.020 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

Tgt Ion:136 Resp: 148697  
Ion Ratio Lower Upper  
136 100  
137 12.3 9.4 14.2  
54 10.6 6.4 9.6#  
68 7.1 5.0 7.6

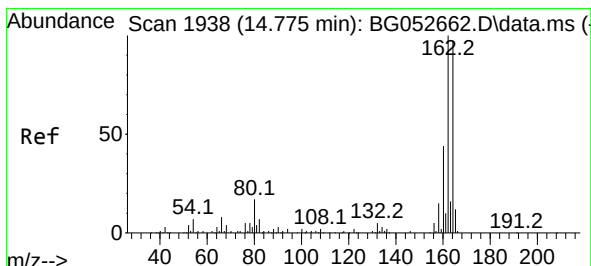
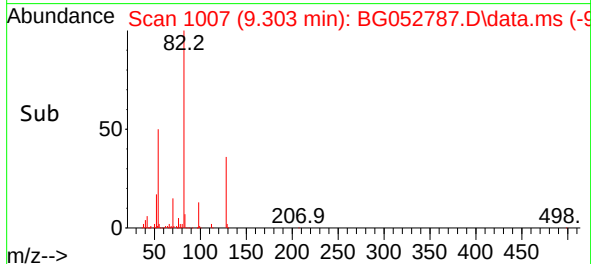
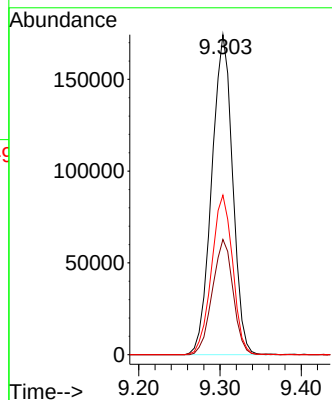
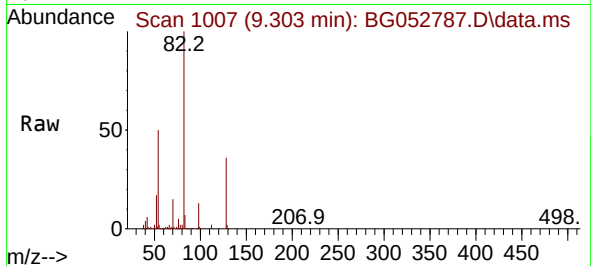




#23  
Nitrobenzene-d5  
Concen: 104.913 ng  
RT: 9.303 min Scan# 1007  
Delta R.T. -0.014 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

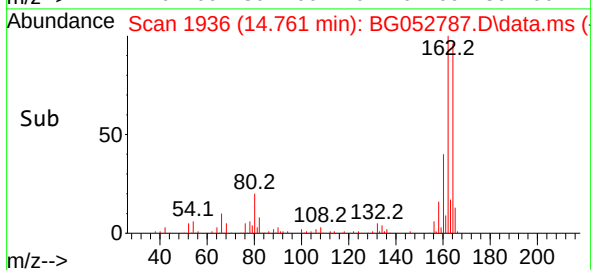
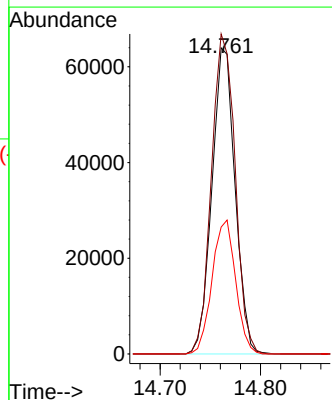
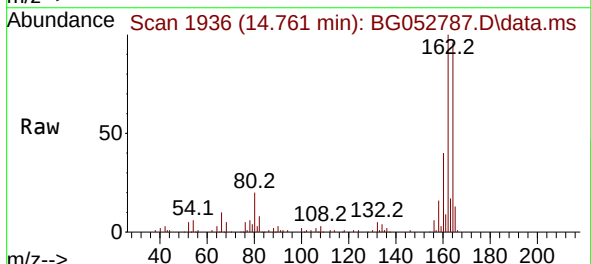
Instrument :  
BNA\_G  
ClientSampleId :  
VACLOT-SOIL-1

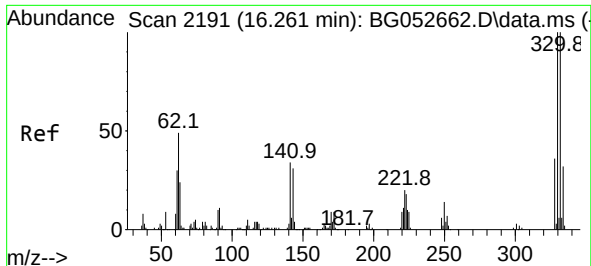
Tgt Ion: 82 Resp: 310822  
Ion Ratio Lower Upper  
82 100  
128 36.0 31.3 46.9  
54 49.8 37.8 56.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.761 min Scan# 1936  
Delta R.T. -0.014 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

Tgt Ion:164 Resp: 102639  
Ion Ratio Lower Upper  
164 100  
162 104.6 80.0 120.0  
160 41.4 38.8 58.2

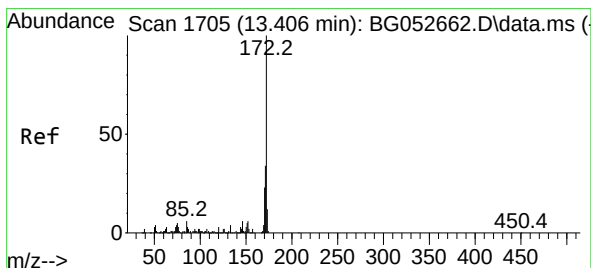
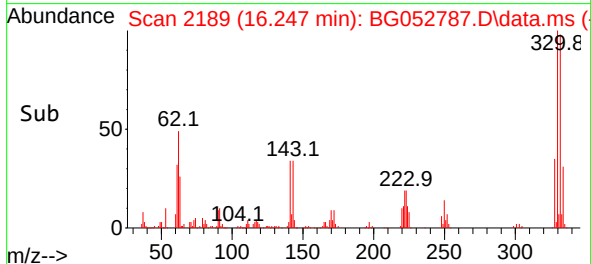
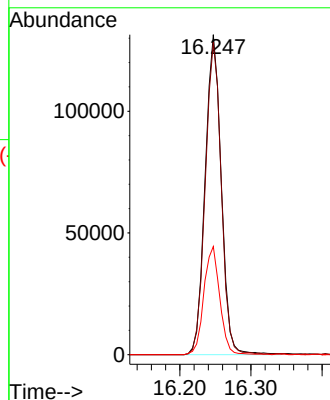
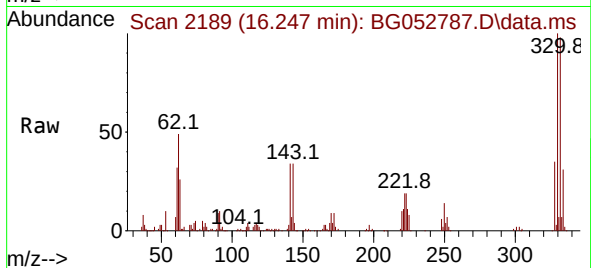




#42  
2,4,6-Tribromophenol  
Concen: 150.379 ng  
RT: 16.247 min Scan# 2191  
Delta R.T. -0.014 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

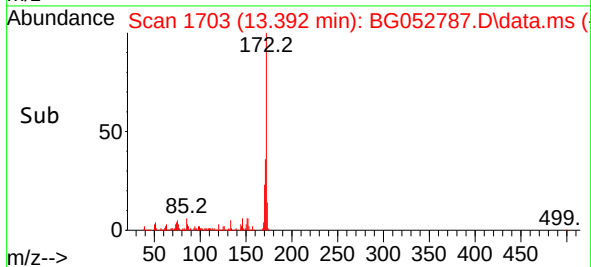
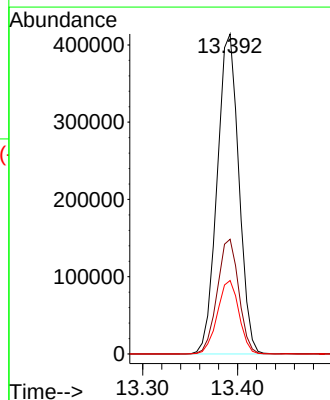
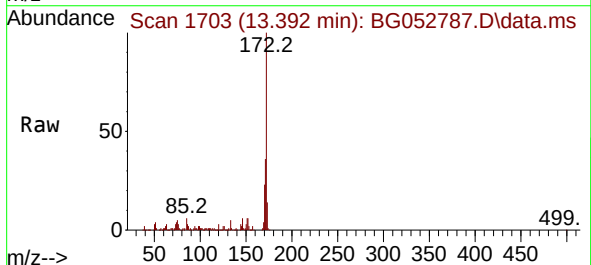
Instrument :  
BNA\_G  
ClientSampleId :  
VACLOT-SOIL-1

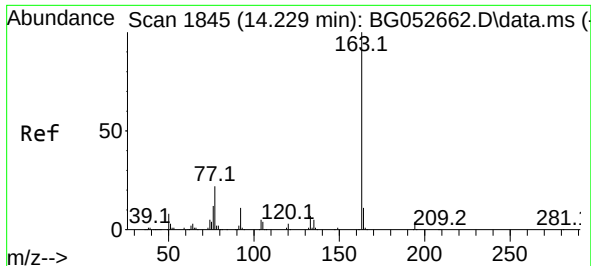
Tgt Ion:330 Resp: 207402  
Ion Ratio Lower Upper  
330 100  
332 96.9 75.8 113.6  
141 33.4 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 94.574 ng  
RT: 13.392 min Scan# 1703  
Delta R.T. -0.014 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

Tgt Ion:172 Resp: 658171  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.3 42.5  
170 22.9 18.0 27.0

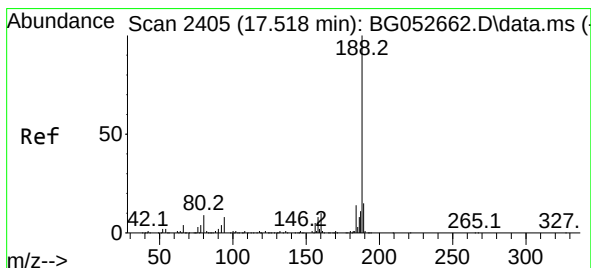
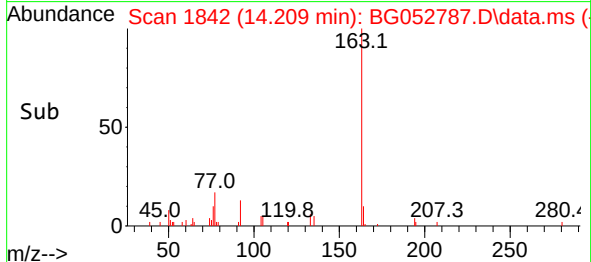
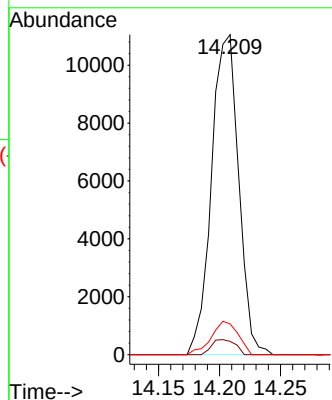
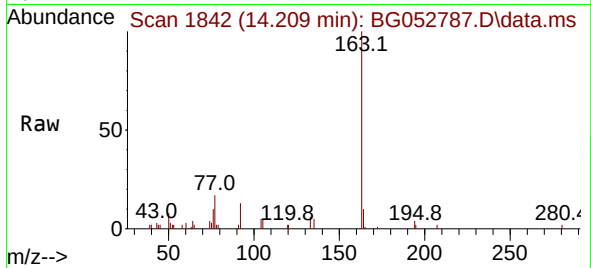




#50  
Dimethylphthalate  
Concen: 2.243 ng  
RT: 14.209 min Scan# 11  
Delta R.T. -0.020 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

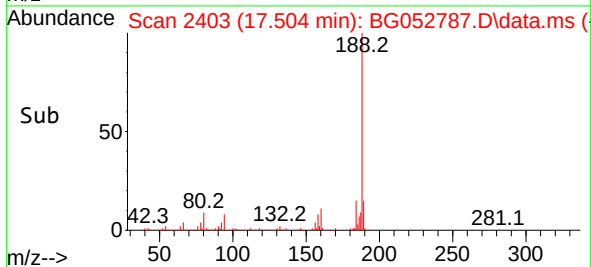
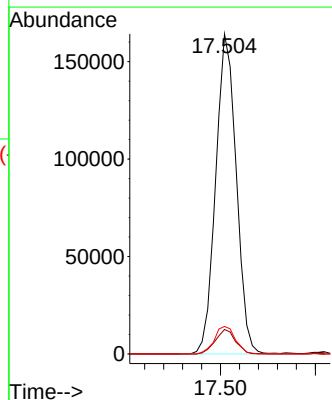
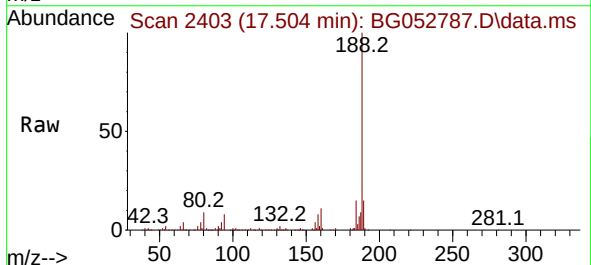
Instrument :  
BNA\_G  
ClientSampleId :  
VACLOT-SOIL-1

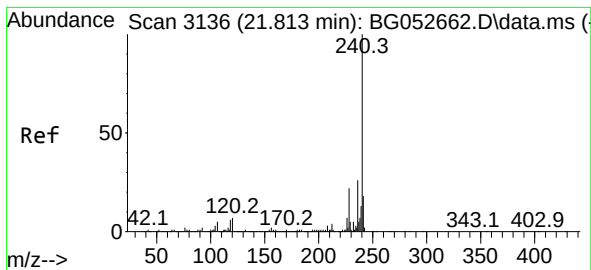
Tgt Ion:163 Resp: 17109  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.6 8.5 12.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.504 min Scan# 2403  
Delta R.T. -0.014 min  
Lab File: BG052787.D  
Acq: 22 Mar 2022 15:57

Tgt Ion:188 Resp: 247438  
Ion Ratio Lower Upper  
188 100  
94 7.6 5.7 8.5  
80 8.6 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.792 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG052787.D

Acq: 22 Mar 2022 15:57

Instrument :

BNA\_G

ClientSampleId :

VACLOT-SOIL-1

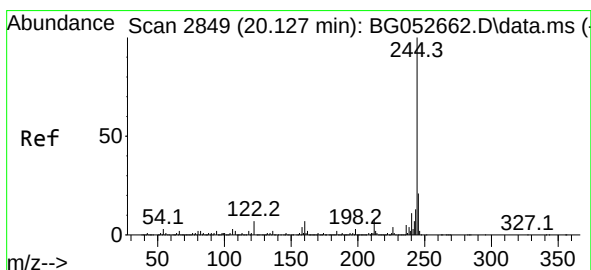
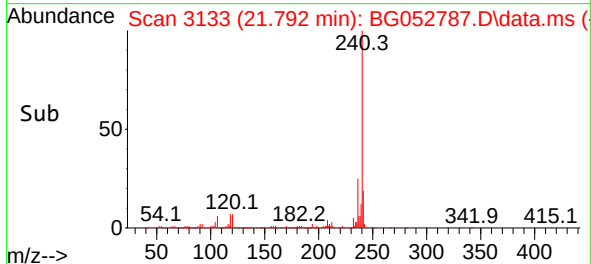
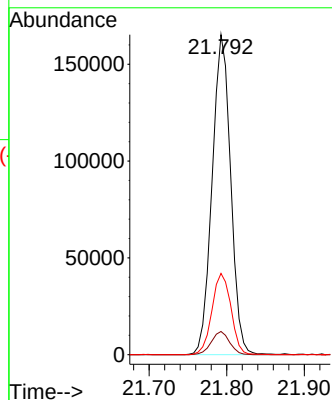
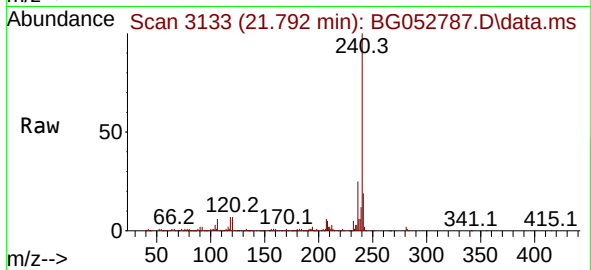
Tgt Ion:240 Resp: 274316

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.0

236 25.4 19.8 29.6



#79

Terphenyl-d14

Concen: 86.652 ng

RT: 20.112 min Scan# 2847

Delta R.T. -0.014 min

Lab File: BG052787.D

Acq: 22 Mar 2022 15:57

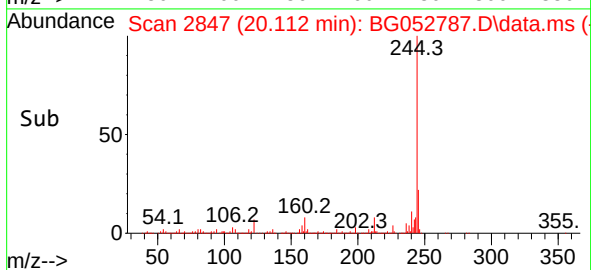
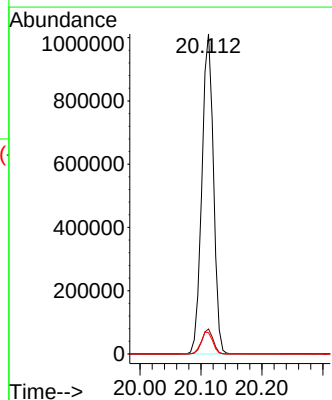
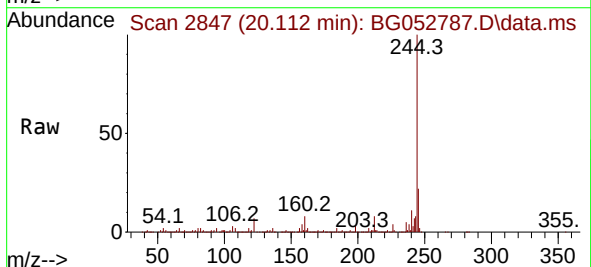
Tgt Ion:244 Resp: 1336258

Ion Ratio Lower Upper

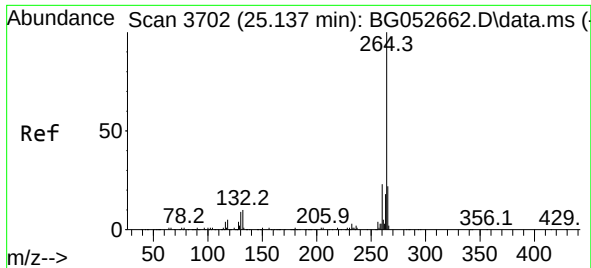
244 100

212 7.8 5.4 8.2

122 6.7 5.8 8.6







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.111 min Scan# 30  
 Delta R.T. -0.026 min  
 Lab File: BG052787.D  
 Acq: 22 Mar 2022 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VACLOT-SOIL-1

Tgt Ion:264 Resp: 270360  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.2 27.2  
 265 20.1 15.1 22.7

