

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060221\  
 Data File : BN014823.D  
 Acq On : 02 Jun 2021 12:30  
 Operator : CG/JU  
 Sample : M2214-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-PAH-SOIL

Quant Time: Jun 02 13:00:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN060121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 01 17:40:45 2021  
 Response via : Initial Calibration

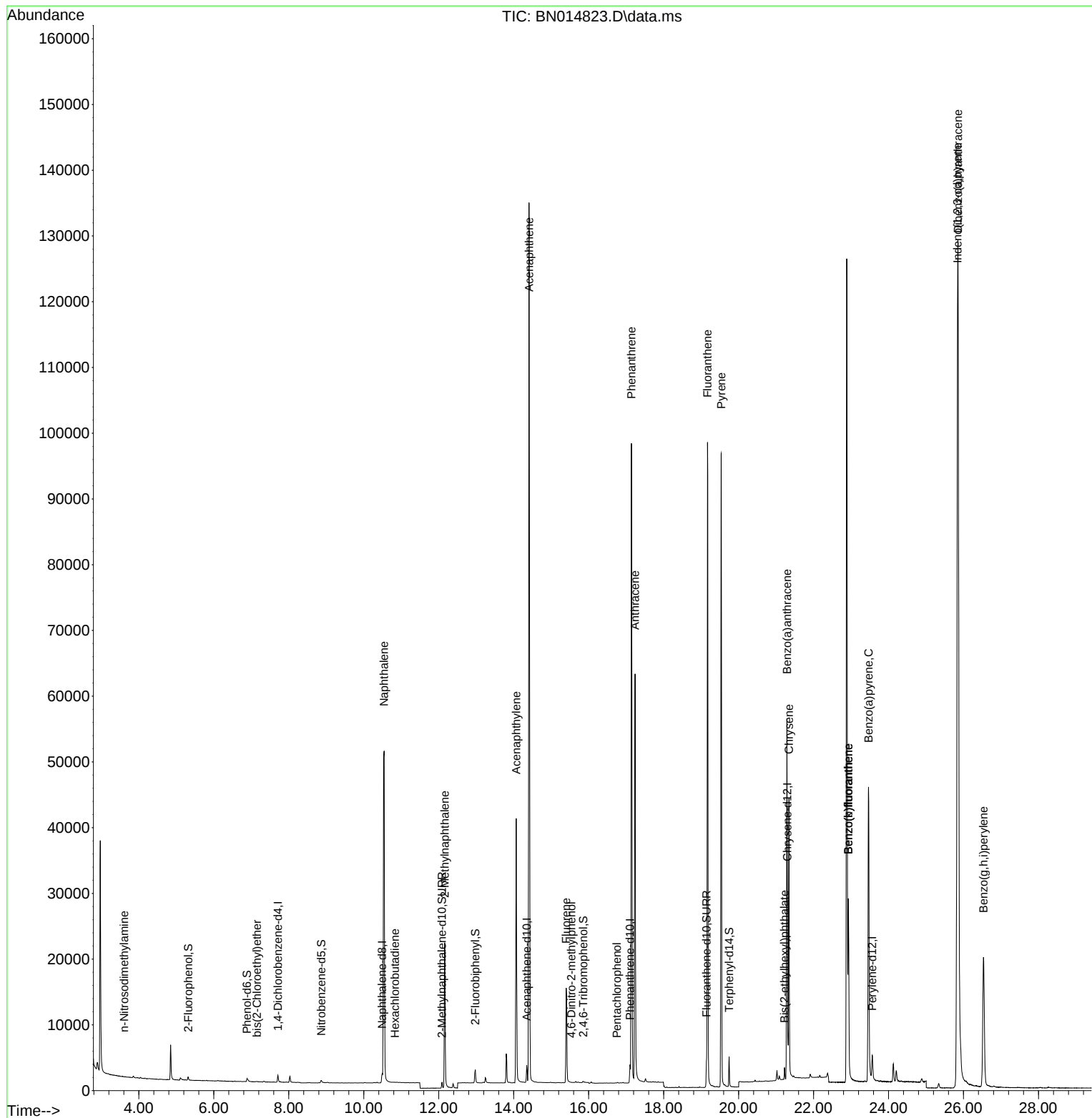
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.708  | 152  | 553      | 0.40      | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.492 | 136  | 2017     | 0.40      | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.346 | 164  | 1579     | 0.40      | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.104 | 188  | 3759     | 0.40      | ng    | 0.00     |
| 29) Chrysene-d12              | 21.300 | 240  | 5326     | 0.40      | ng    | # 0.00   |
| 35) Perylene-d12              | 23.565 | 264  | 5147     | 0.40      | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.316  | 112  | 487      | 0.34      | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 565      | 0.30      | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 577      | 0.34      | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.089 | 152  | 1245     | 0.33      | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.856 | 330  | 221      | 0.27      | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.976 | 172  | 2063     | 0.36      | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.141 | 212  | 4520     | 0.33      | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.747 | 244  | 4896     | 0.39      | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 3.255  | 88   | 14       | Below Cal | #     | 31       |
| 3) n-Nitrosodimethylamine     | 3.609  | 42   | 17       | 0.11      | ng    | # 88     |
| 6) bis(2-Chloroethyl)ether    | 7.153  | 93   | 55       | 0.04      | ng    | 91       |
| 9) Naphthalene                | 10.543 | 128  | 74819    | 13.44     | ng    | # 88     |
| 10) Hexachlorobutadiene       | 10.834 | 225  | 36       | 0.02      | ng    | # 85     |
| 12) 2-Methylnaphthalene       | 12.160 | 142  | 16054    | 4.10      | ng    | 97       |
| 16) Acenaphthylene            | 14.067 | 152  | 43553    | 7.27      | ng    | 99       |
| 17) Acenaphthene              | 14.410 | 154  | 68411    | 15.47     | ng    | 99       |
| 18) Fluorene                  | 15.399 | 166  | 10889    | 1.81      | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 10       | 0.25      | ng    | # 61     |
| 24) Pentachlorophenol         | 16.751 | 266  | 20       | 0.26      | ng    | # 72     |
| 25) Phenanthrene              | 17.140 | 178  | 101335   | 9.53      | ng    | 99       |
| 26) Anthracene                | 17.237 | 178  | 67238    | 7.64      | ng    | 97       |
| 28) Fluoranthene              | 19.171 | 202  | 94105    | 6.51      | ng    | 99       |
| 30) Pyrene                    | 19.538 | 202  | 90778    | 5.94      | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.290 | 228  | 44641    | 3.00      | ng    | 98       |
| 33) Chrysene                  | 21.343 | 228  | 36337    | 2.01      | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.226 | 149  | 1379     | 0.33      | ng    | # 95     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.841 | 276  | 155044   | 7.32      | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.929 | 252  | 35145    | 1.88      | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 22.929 | 252  | 36478    | 1.81      | ng    | 92       |
| 39) Benzo(a)pyrene            | 23.466 | 252  | 69190    | 4.23      | ng    | # 86     |
| 40) Dibenzo(a,h)anthracene    | 25.855 | 278  | 153085   | 8.70      | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 26.533 | 276  | 44400    | 2.27      | ng    | 96       |

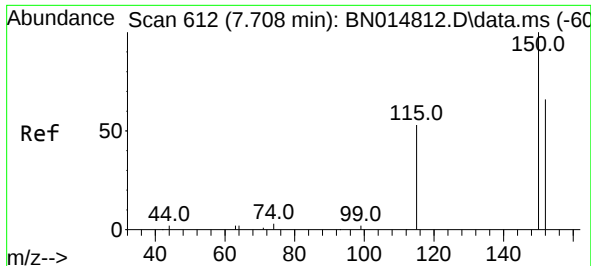
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 01 17:40:45 2021  
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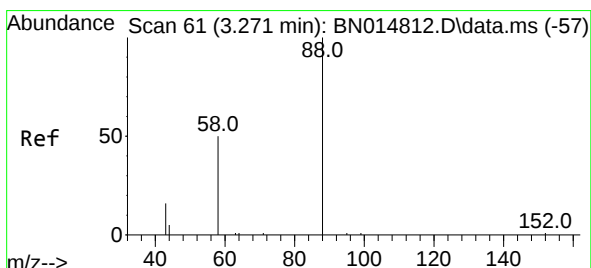
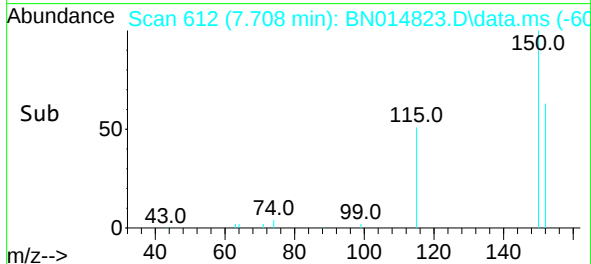
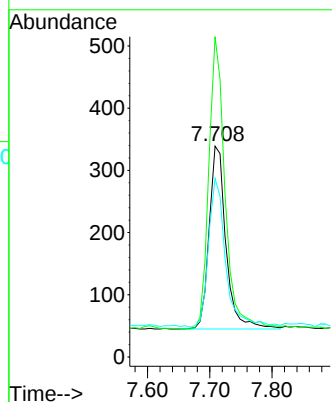
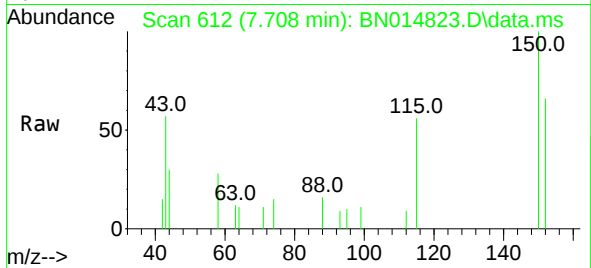




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.708 min Scan# 612  
 Delta R.T. 0.000 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

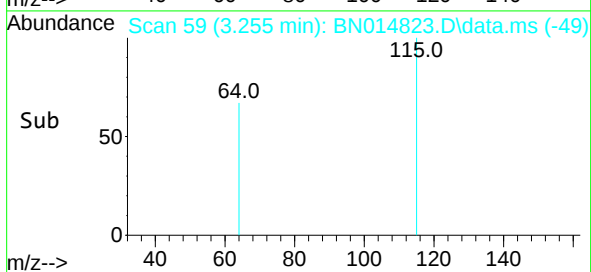
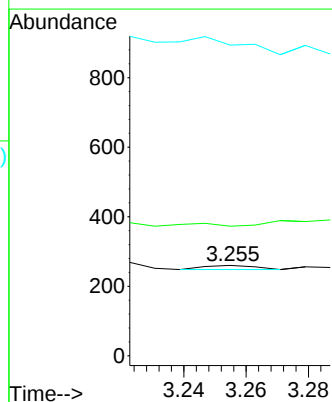
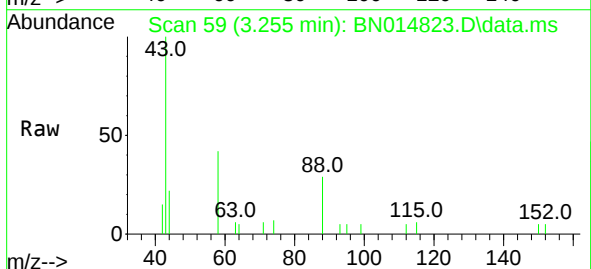
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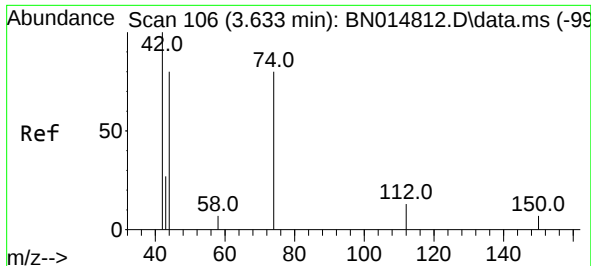
Tgt Ion:152 Resp: 553  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 123.4 185.2  
 115 84.7 73.2 109.8



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.255 min Scan# 59  
 Delta R.T. -0.016 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

Tgt Ion: 88 Resp: 14  
 Ion Ratio Lower Upper  
 88 100  
 58 0.0 44.7 67.1#  
 43 0.0 21.0 31.6#

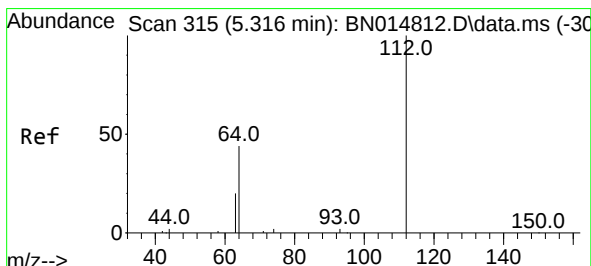
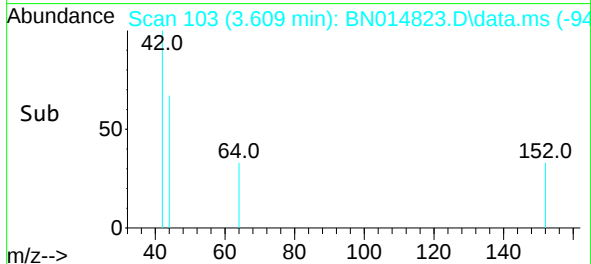
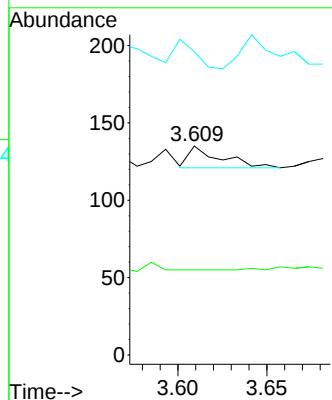
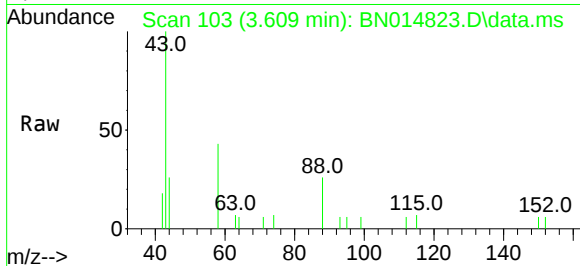




#3  
n-Nitrosodimethylamine  
Concen: 0.11 ng  
RT: 3.609 min Scan# 103  
Delta R.T. -0.024 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

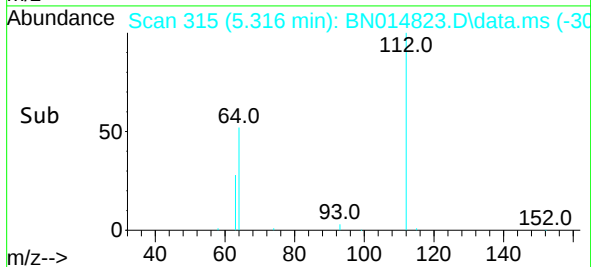
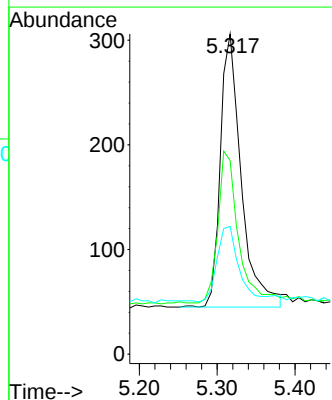
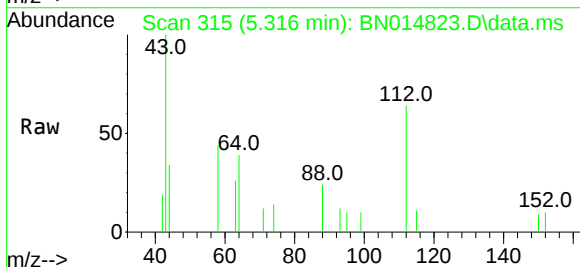
Instrument :  
BNA\_N  
ClientSampled :  
PT-PAH-SOIL

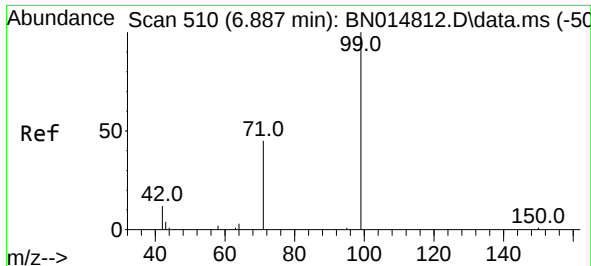
Tgt Ion: 42 Resp: 17  
Ion Ratio Lower Upper  
42 100  
74 0.0 0.0 0.0  
44 88.2 80.0 120.0



#4  
2-Fluorophenol  
Concen: 0.34 ng  
RT: 5.316 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion: 112 Resp: 487  
Ion Ratio Lower Upper  
112 100  
64 54.2 43.6 65.4  
63 29.8 25.0 37.6

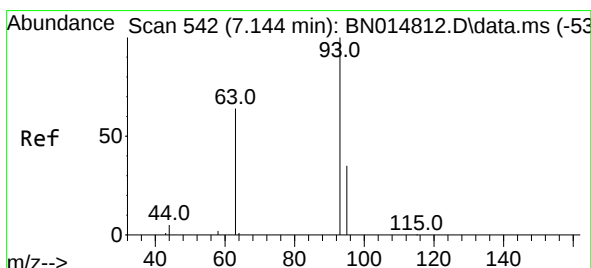
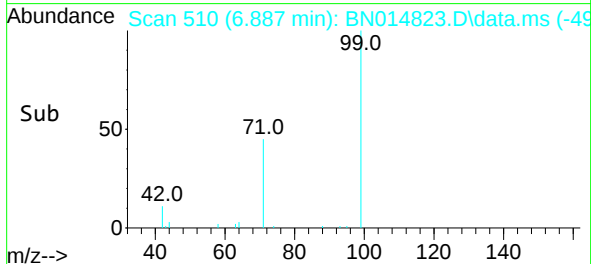
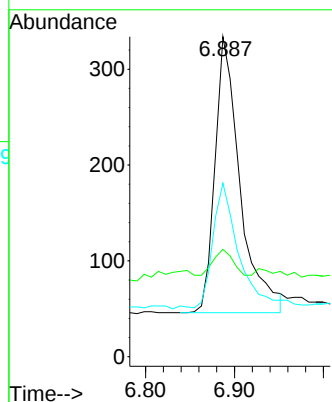
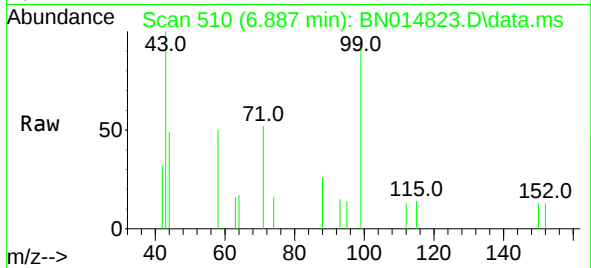




#5  
Phenol-d6  
Concen: 0.30 ng  
RT: 6.887 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

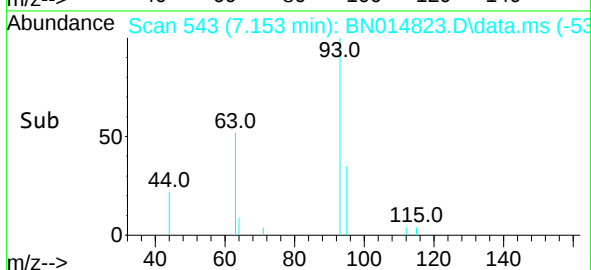
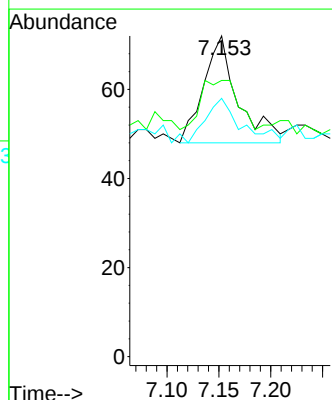
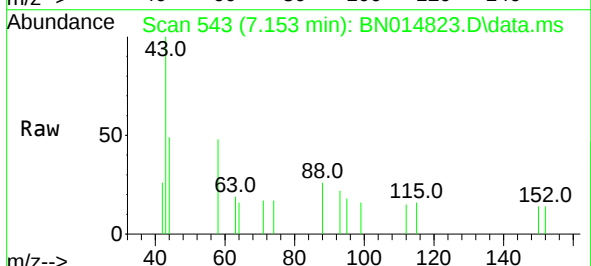
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PT-PAH-SOIL

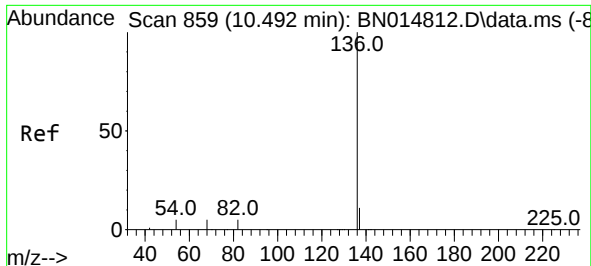
Tgt Ion: 99 Resp: 565  
Ion Ratio Lower Upper  
99 100  
42 7.1 10.2 15.2#  
71 46.2 32.4 48.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.04 ng  
RT: 7.153 min Scan# 543  
Delta R.T. 0.008 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion: 93 Resp: 55  
Ion Ratio Lower Upper  
93 100  
63 50.9 47.5 71.3  
95 38.2 28.5 42.7

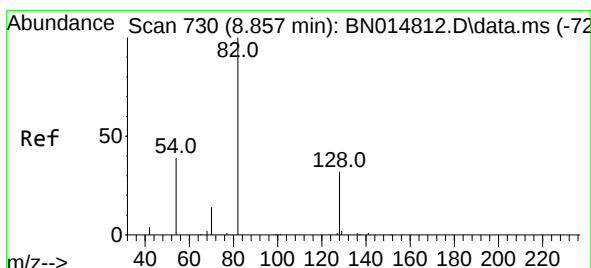
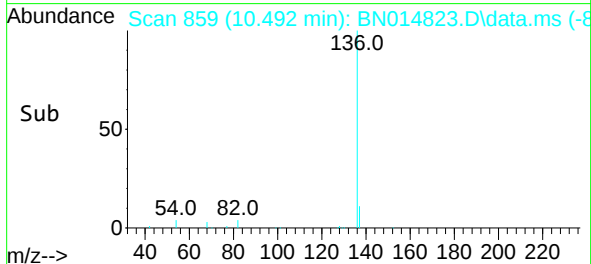
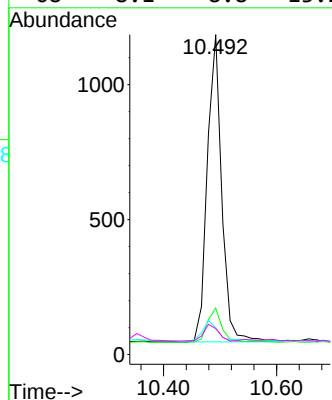
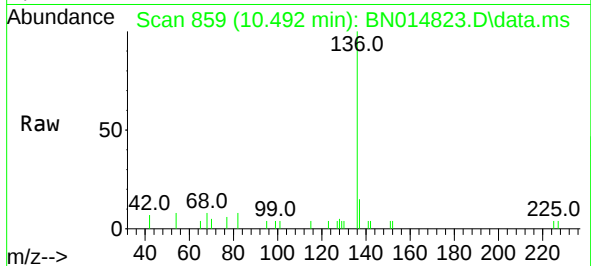




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

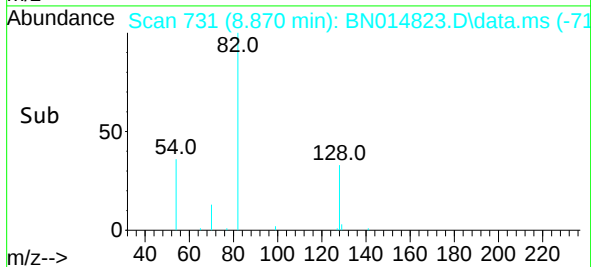
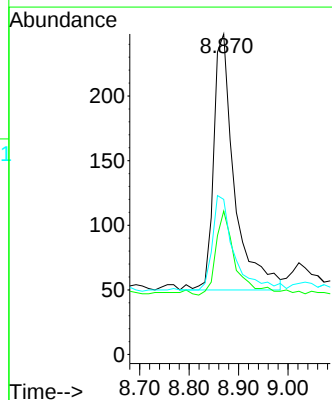
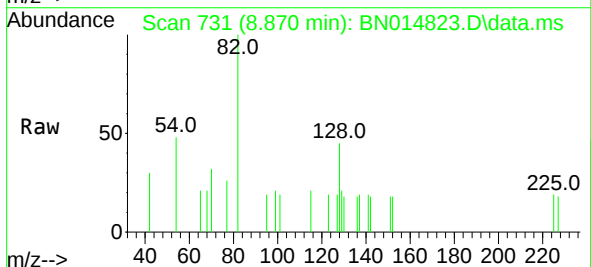
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ClientSampleId :  
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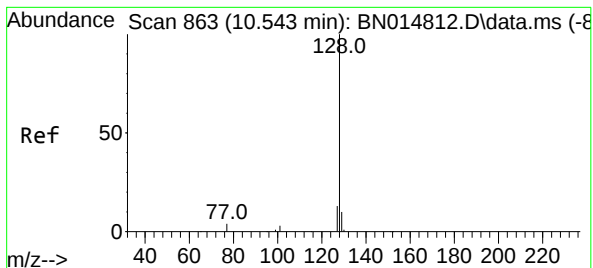
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2017  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.5  | 13.2  | 19.8  |
| 54       | 8.4   | 9.0   | 13.4# |
| 68       | 8.1   | 8.8   | 13.2# |



#8  
Nitrobenzene-d5  
Concen: 0.34 ng  
RT: 8.870 min Scan# 731  
Delta R.T. 0.013 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 577   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.8  | 34.2  | 51.2  |
| 54       | 48.4  | 38.4  | 57.6  |

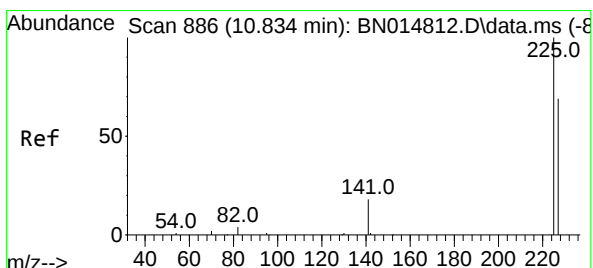
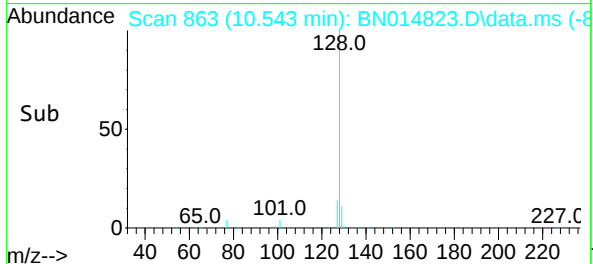
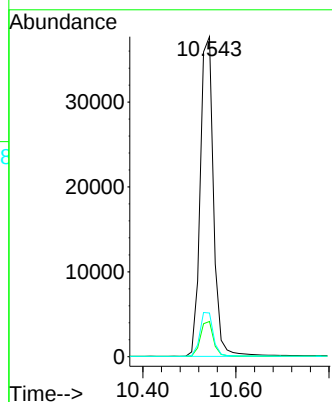
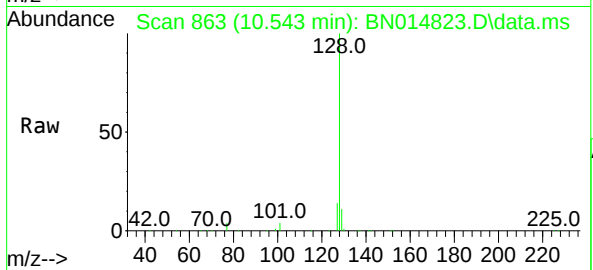




#9  
Naphthalene  
Concen: 13.44 ng  
RT: 10.543 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

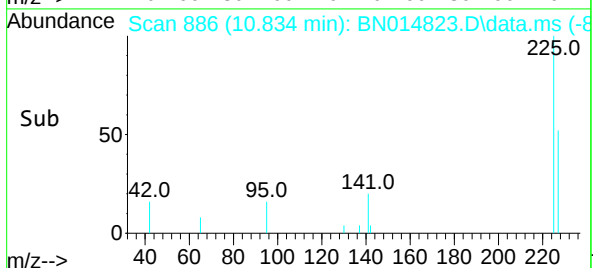
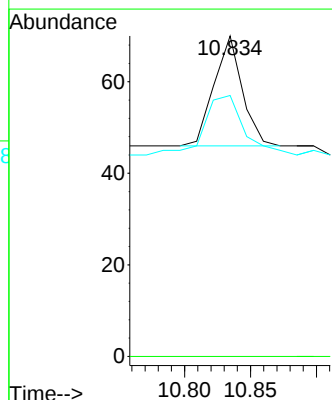
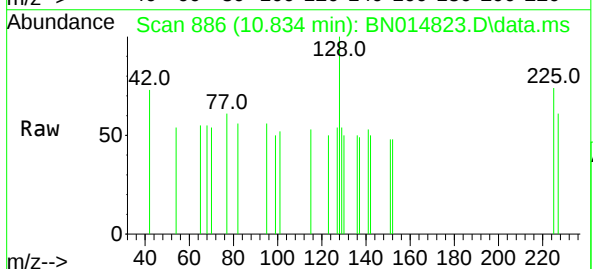
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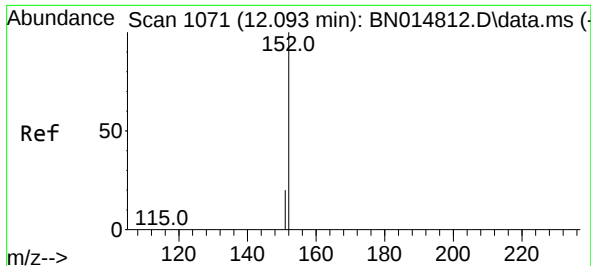
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Ion Ratio Lower Upper  
128 100  
129 11.0 13.0 19.4#  
127 13.7 15.0 22.6#



#10  
Hexachlorobutadiene  
Concen: 0.02 ng  
RT: 10.834 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:225 Resp: 36  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 75.0 50.8 76.2

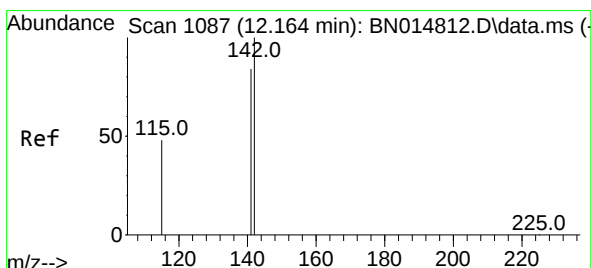
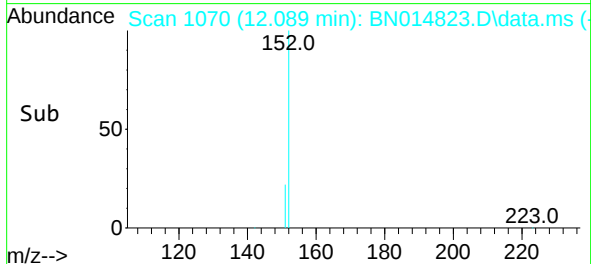
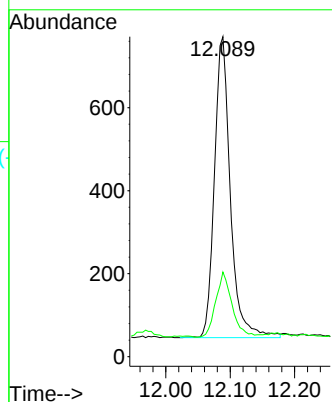
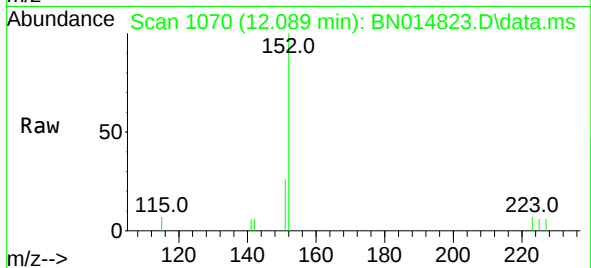




#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 12.089 min Scan# 1070  
Delta R.T. -0.004 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

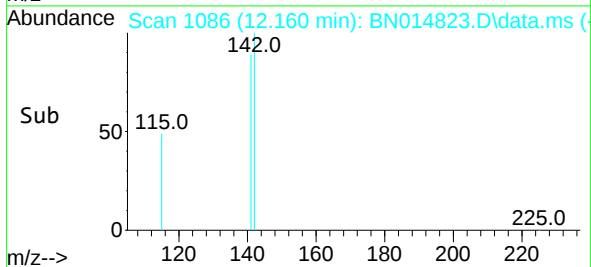
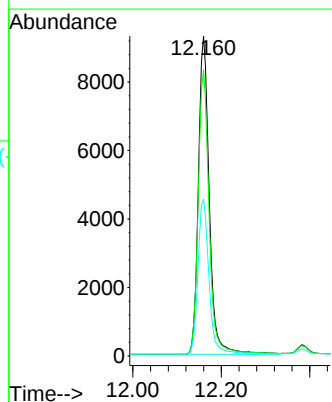
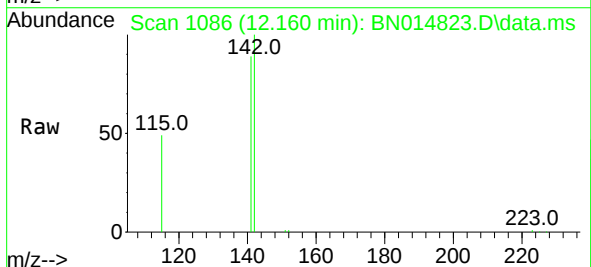
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

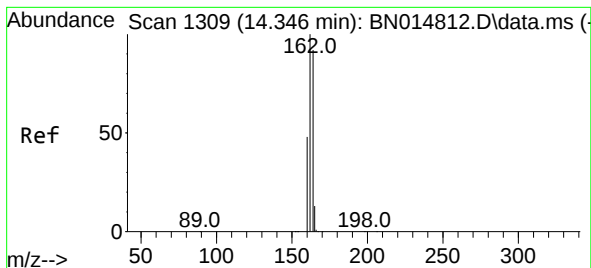
Tgt Ion:152 Resp: 1245  
Ion Ratio Lower Upper  
152 100  
151 22.2 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 4.10 ng  
RT: 12.160 min Scan# 1086  
Delta R.T. -0.004 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:142 Resp: 16054  
Ion Ratio Lower Upper  
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141 89.4 72.9 109.3  
115 48.8 41.8 62.6

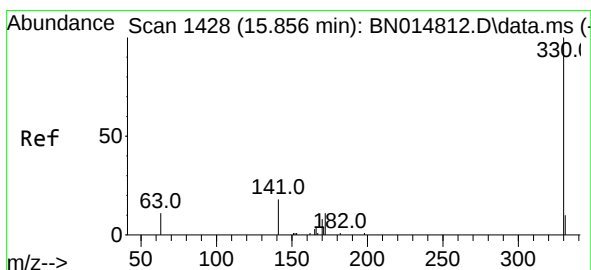
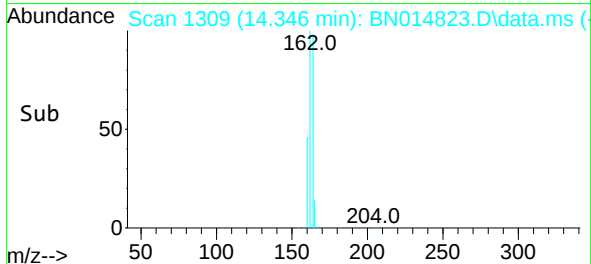
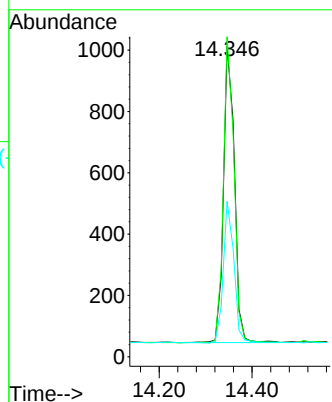
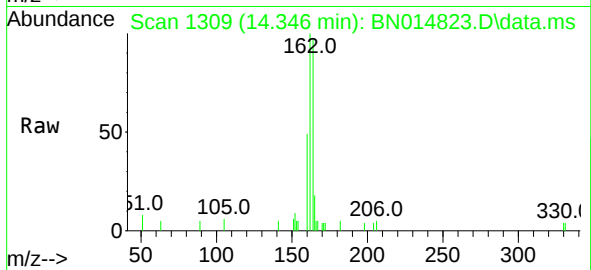




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

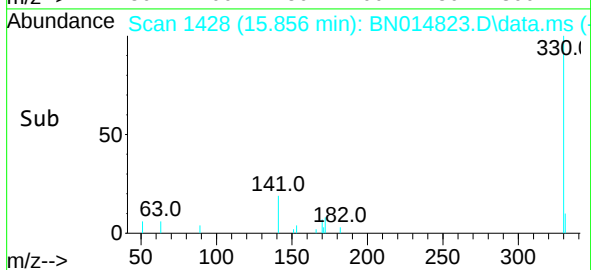
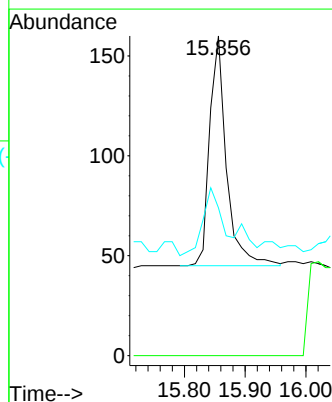
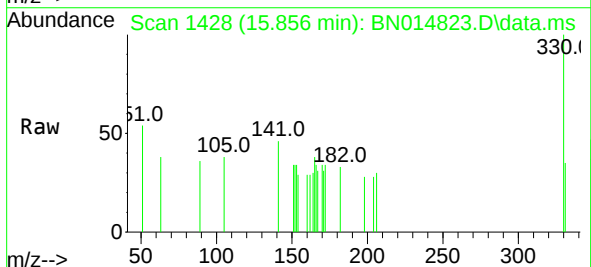
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

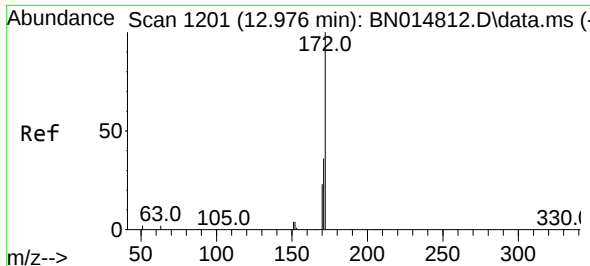
Tgt Ion:164 Resp: 1579  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.2 124.8  
160 50.0 41.8 62.6



#14  
2,4,6-Tribromophenol  
Concen: 0.27 ng  
RT: 15.856 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:330 Resp: 221  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.8 21.8 32.6#

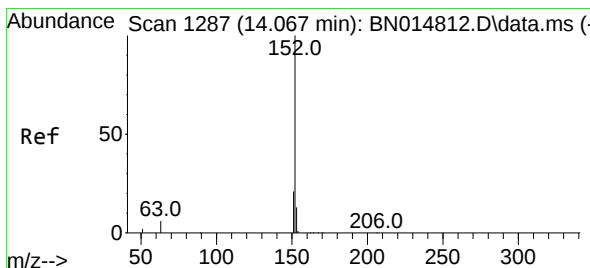
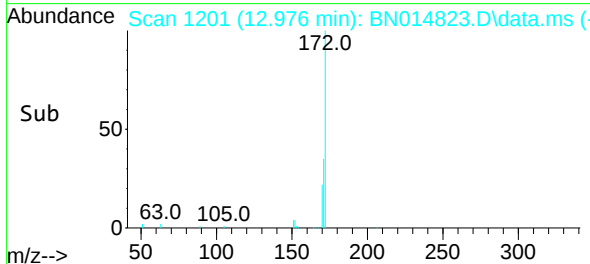
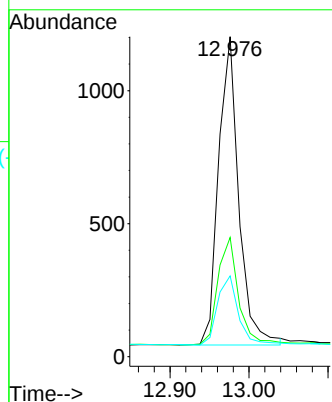
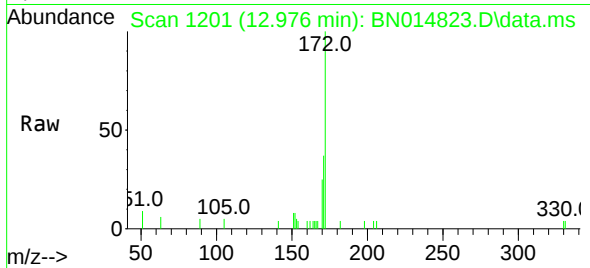




#15  
2-Fluorobiphenyl  
Concen: 0.36 ng  
RT: 12.976 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

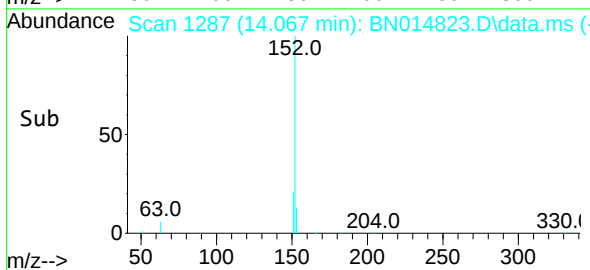
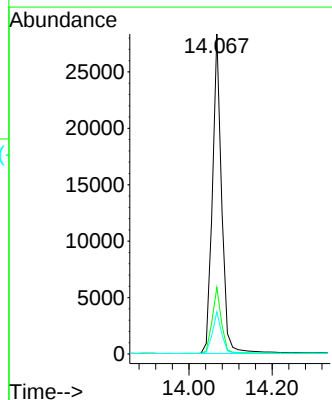
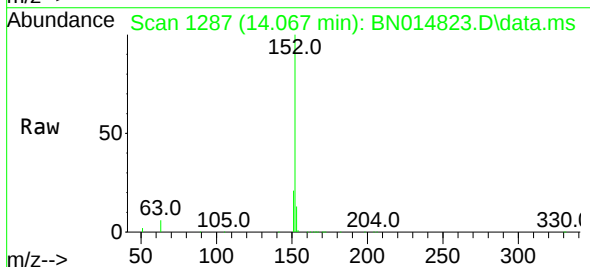
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

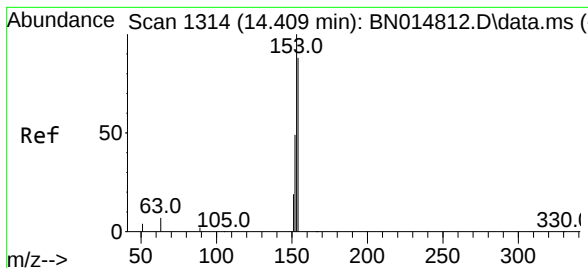
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 2063 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 37.2  | 30.9  | 46.3 |
| 170       | 25.3  | 21.4  | 32.0 |



#16  
Acenaphthylene  
Concen: 7.27 ng  
RT: 14.067 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 43553 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.9  | 17.1  | 25.7  |
| 153       | 13.1  | 9.9   | 14.9  |

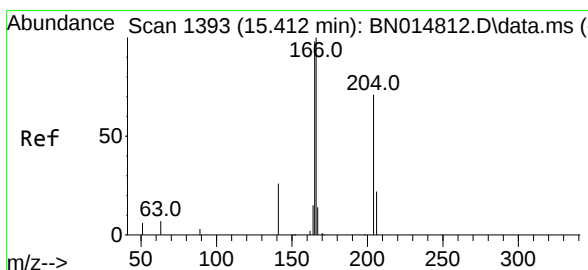
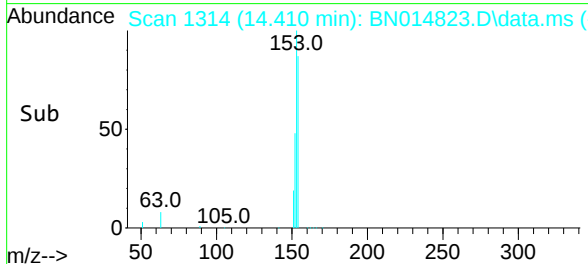
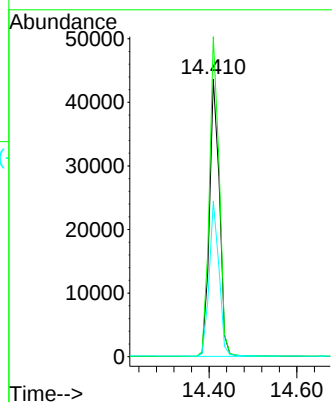
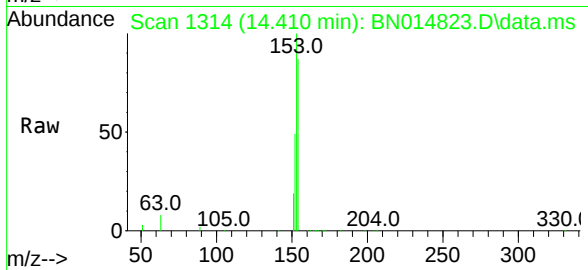




#17  
Acenaphthene  
Concen: 15.47 ng  
RT: 14.410 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

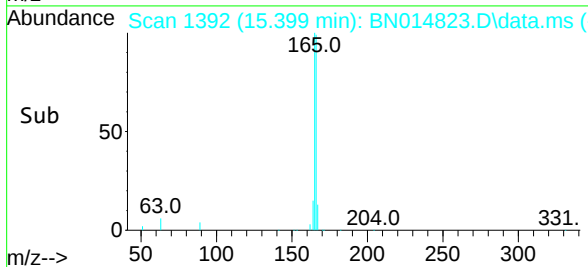
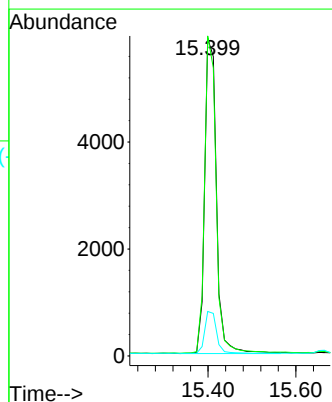
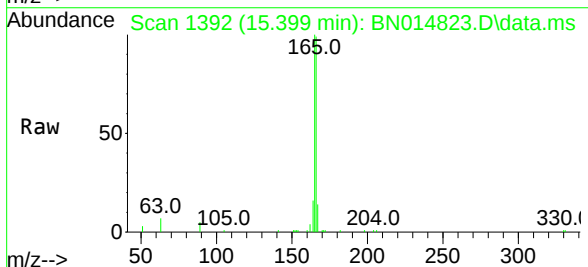
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

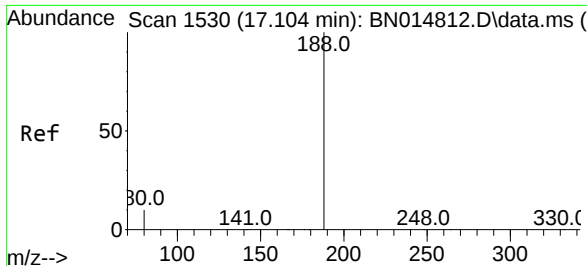
Tgt Ion:154 Resp: 68411  
Ion Ratio Lower Upper  
154 100  
153 114.6 91.8 137.8  
152 55.2 46.0 69.0



#18  
Fluorene  
Concen: 1.81 ng  
RT: 15.399 min Scan# 1392  
Delta R.T. -0.013 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:166 Resp: 10889  
Ion Ratio Lower Upper  
166 100  
165 98.6 79.9 119.9  
167 13.6 10.5 15.7

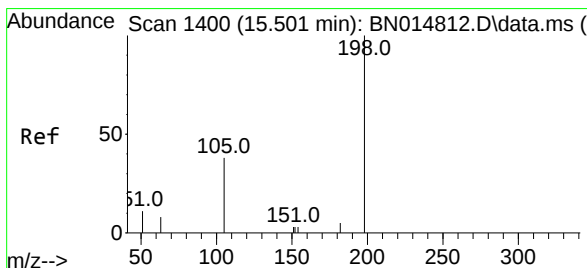
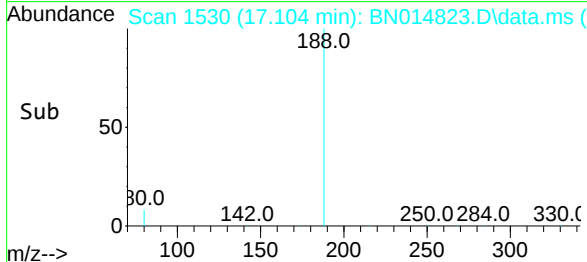
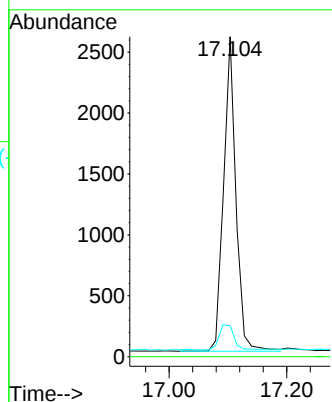
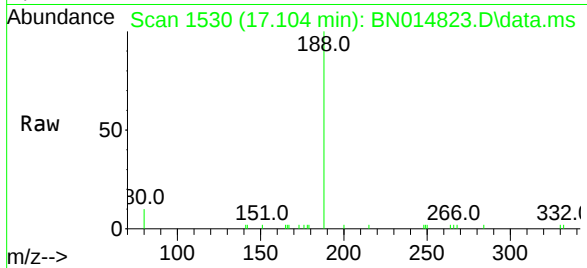




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.104 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

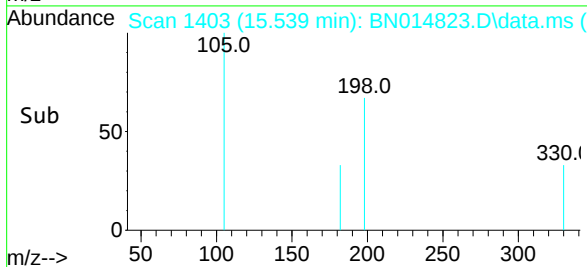
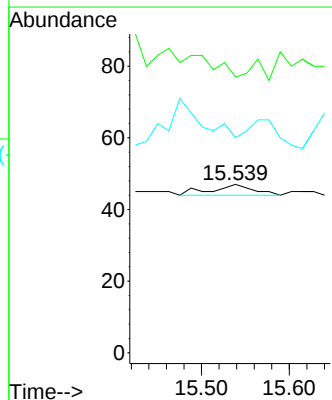
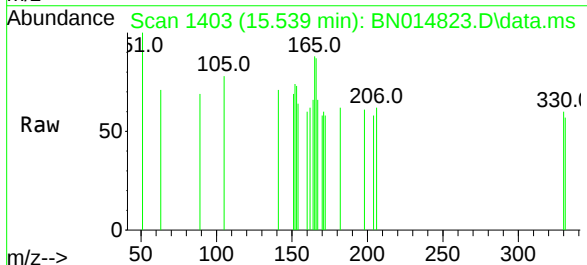
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

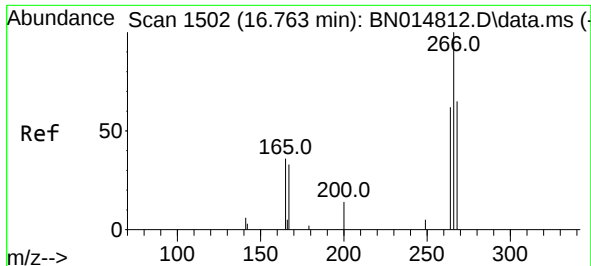
Tgt Ion:188 Resp: 3759  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.7 8.2 12.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.25 ng  
RT: 15.539 min Scan# 1403  
Delta R.T. 0.038 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:198 Resp: 10  
Ion Ratio Lower Upper  
198 100  
51 163.8 96.4 144.6#  
105 127.7 72.3 108.5#

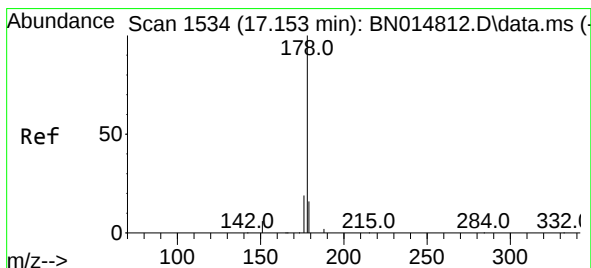
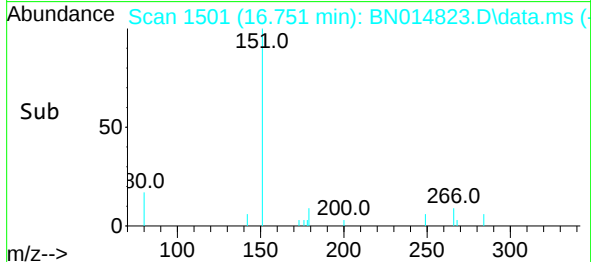
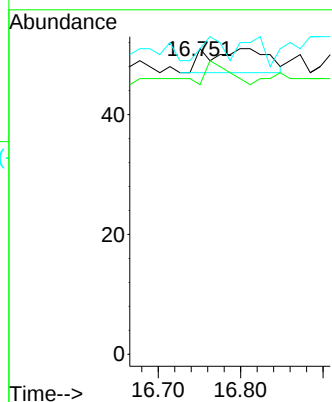
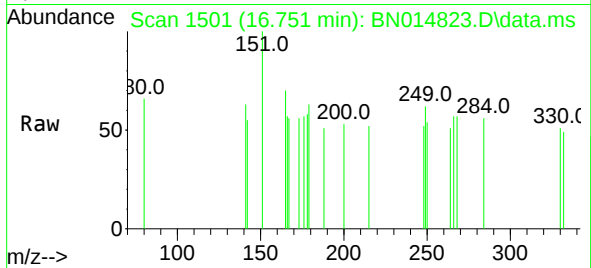




#24  
 Pentachlorophenol  
 Concen: 0.26 ng  
 RT: 16.751 min Scan# 1501  
 Delta R.T. -0.012 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

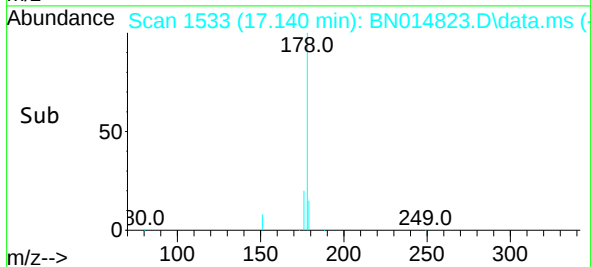
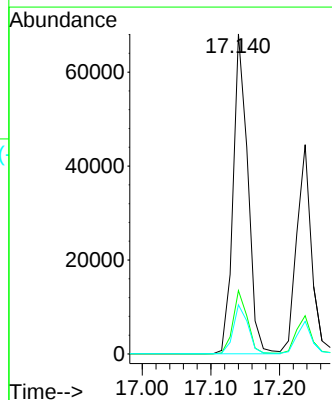
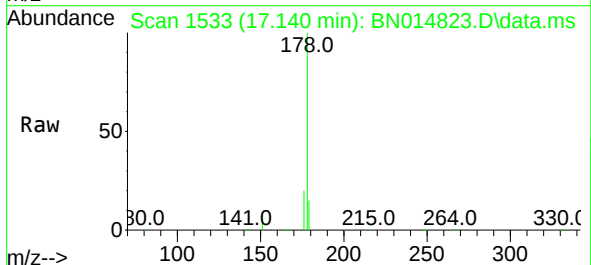
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-PAH-SOIL

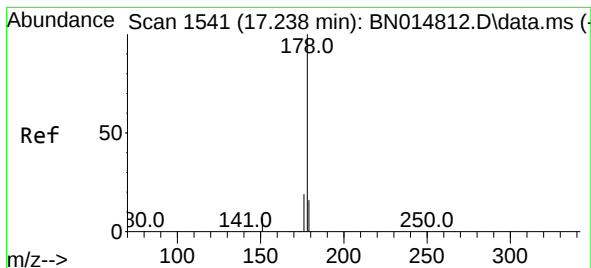
Tgt Ion:266 Resp: 20  
 Ion Ratio Lower Upper  
 266 100  
 264 35.0 44.2 66.2#  
 268 35.0 44.2 66.2#



#25  
 Phenanthrene  
 Concen: 9.53 ng  
 RT: 17.140 min Scan# 1533  
 Delta R.T. -0.013 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

Tgt Ion:178 Resp: 101335  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 16.0 24.0  
 179 15.4 12.6 19.0

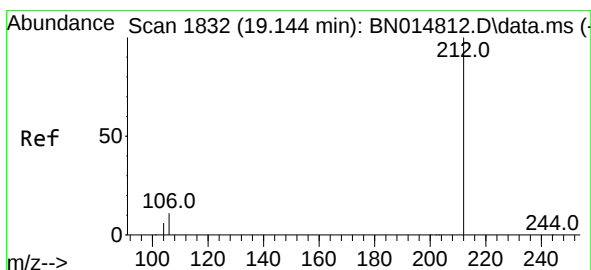
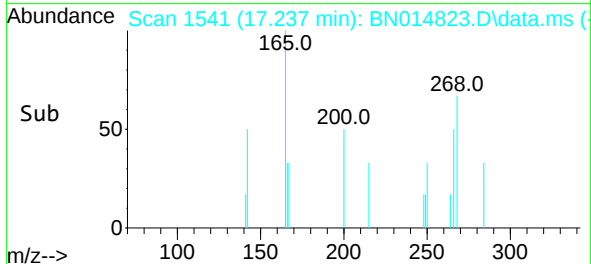
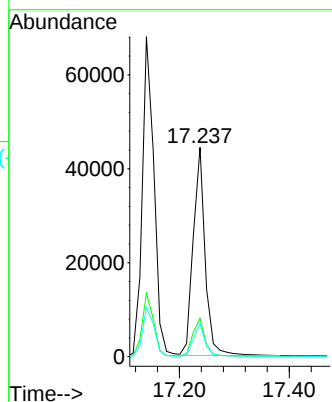
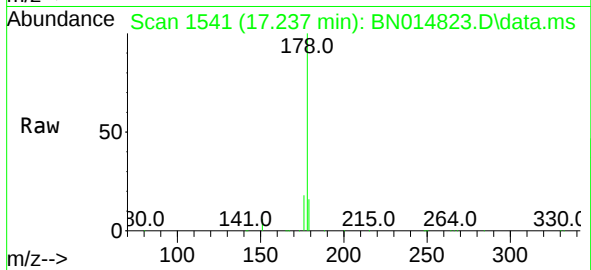




#26  
 Anthracene  
 Concen: 7.64 ng  
 RT: 17.237 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

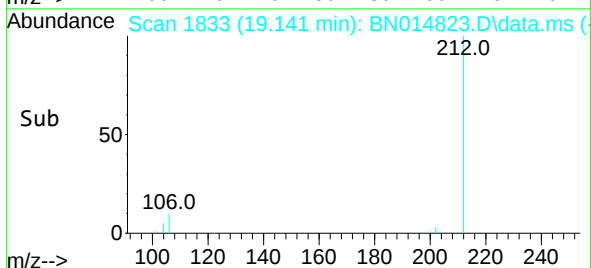
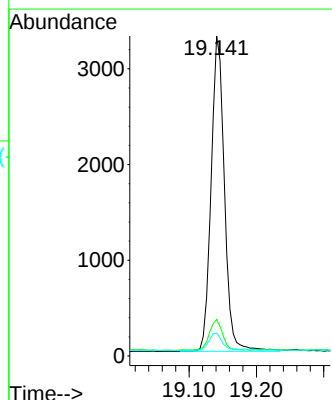
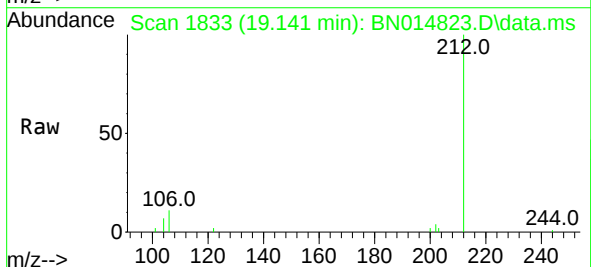
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-PAH-SOIL

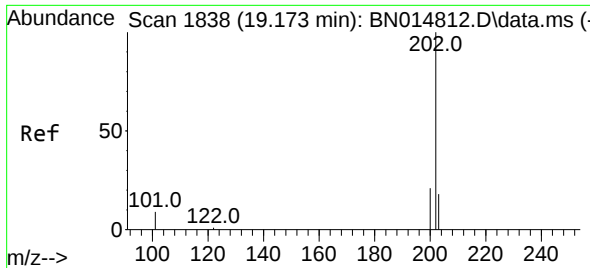
Tgt Ion:178 Resp: 67238  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.2 21.2  
 179 15.4 13.7 20.5



#27  
 Fluoranthene-d10  
 Concen: 0.33 ng  
 RT: 19.141 min Scan# 1833  
 Delta R.T. -0.003 min  
 Lab File: BN014823.D  
 Acq: 02 Jun 2021 12:30

Tgt Ion:212 Resp: 4520  
 Ion Ratio Lower Upper  
 212 100  
 106 9.5 7.4 11.2  
 104 5.8 4.1 6.1

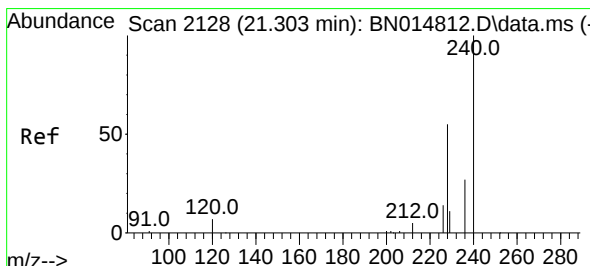
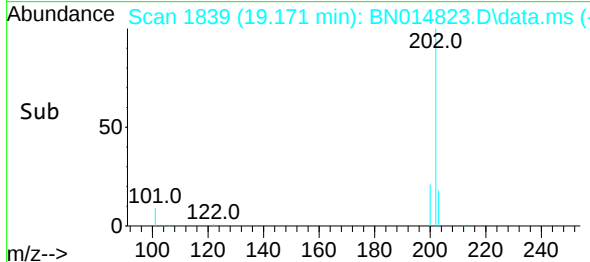
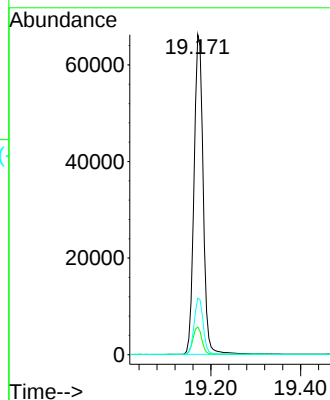
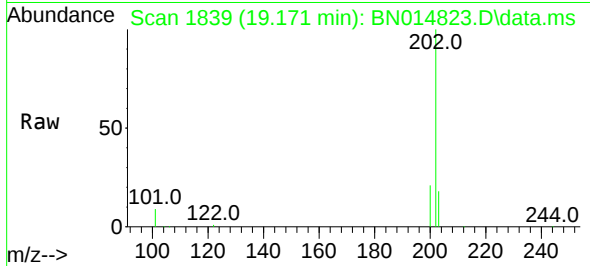




#28  
Fluoranthene  
Concen: 6.51 ng  
RT: 19.171 min Scan# 1839  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

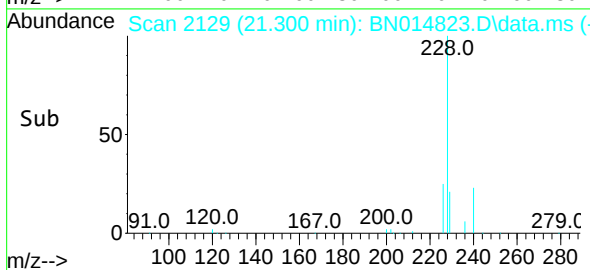
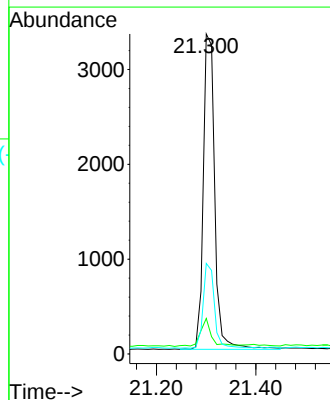
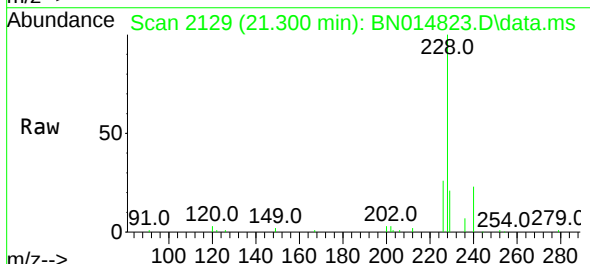
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

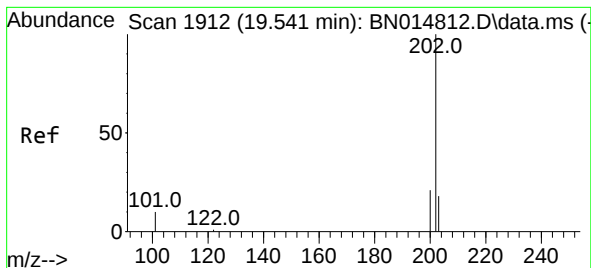
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 94105 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 8.5   | 7.0   | 10.6  |
| 203       | 17.5  | 13.5  | 20.3  |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.300 min Scan# 2129  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 5326 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 11.1  | 5.2   | 7.8# |
| 236       | 28.3  | 21.6  | 32.4 |





#30

Pyrene

Concen: 5.94 ng

RT: 19.538 min Scan# 1913

Delta R.T. -0.003 min

Lab File: BN014823.D

Acq: 02 Jun 2021 12:30

Tgt Ion:202 Resp: 90778

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

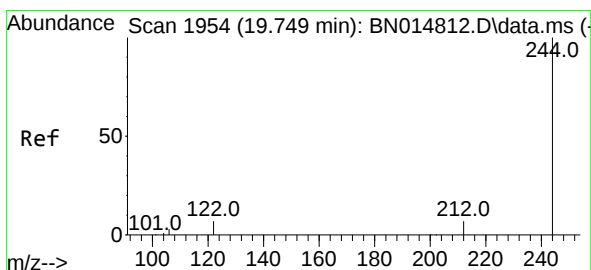
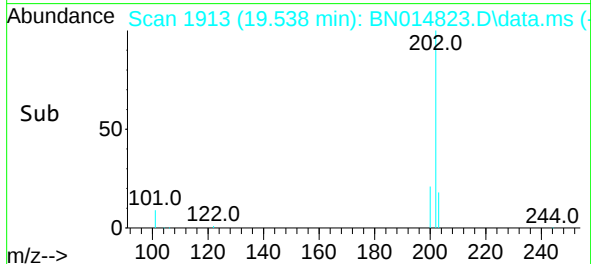
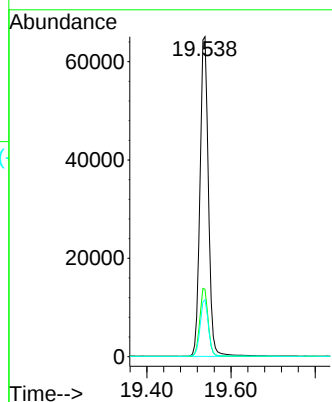
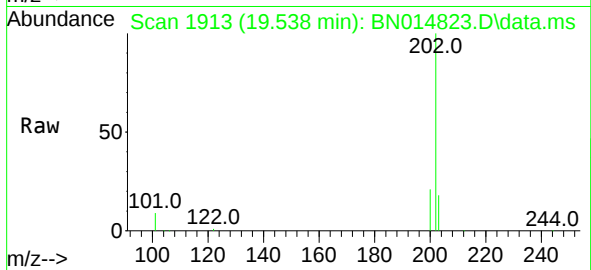
203 17.6 13.9 20.9

Instrument :

BNA\_N

ClientSampleId :

PT-PAH-SOIL



#31

Terphenyl-d14

Concen: 0.39 ng

RT: 19.747 min Scan# 1955

Delta R.T. -0.003 min

Lab File: BN014823.D

Acq: 02 Jun 2021 12:30

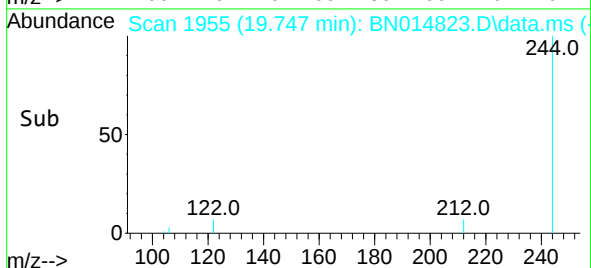
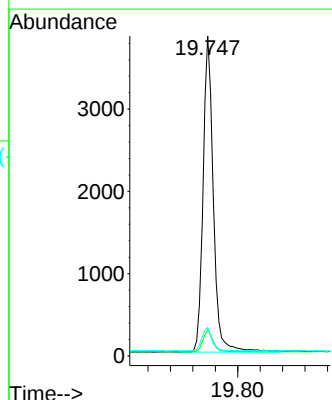
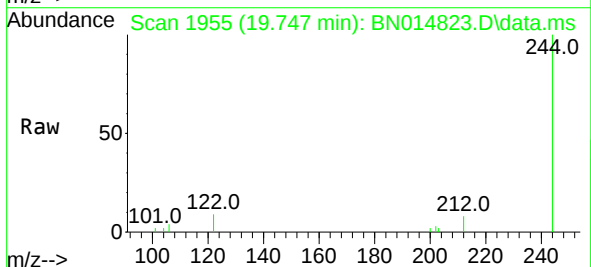
Tgt Ion:244 Resp: 4896

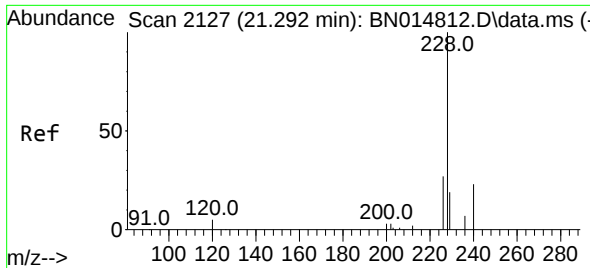
Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

122 8.9 6.6 9.8

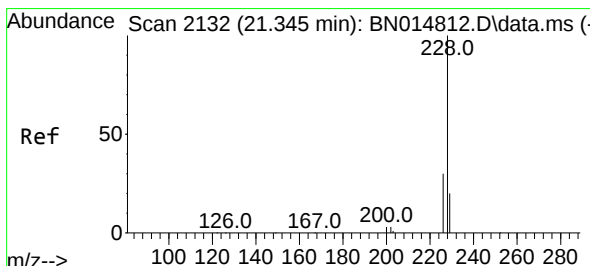
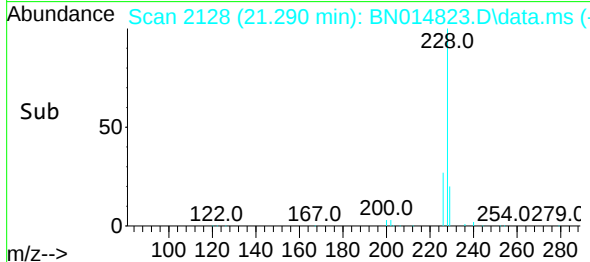
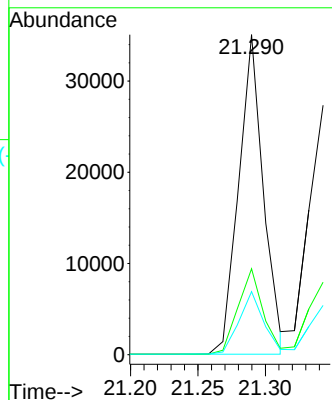
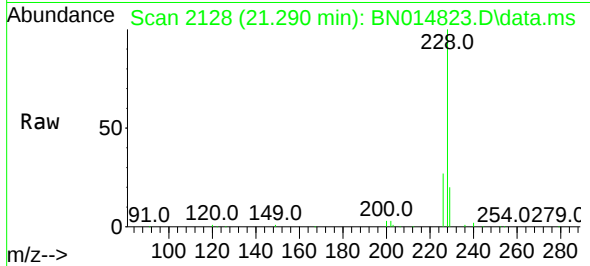




#32  
Benzo(a)anthracene  
Concen: 3.00 ng  
RT: 21.290 min Scan# 2128  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

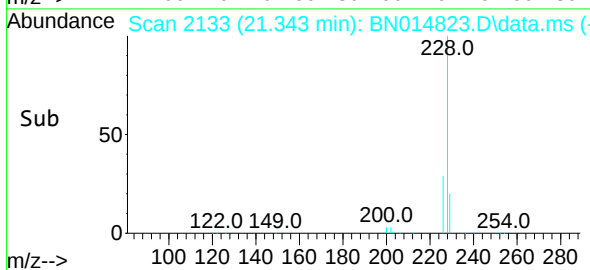
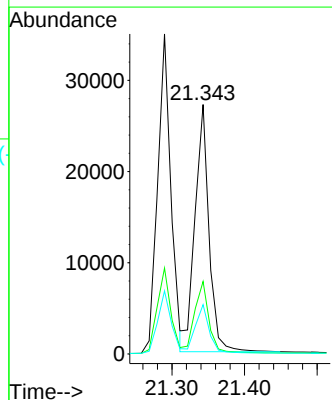
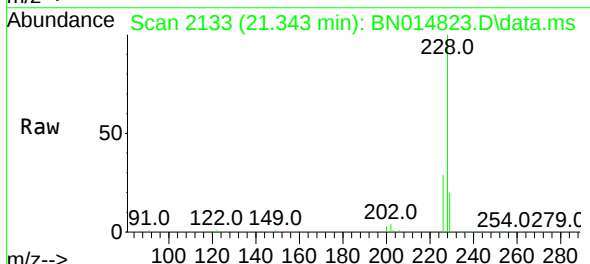
Instrument :  
BNA\_N  
ClientSampleId :  
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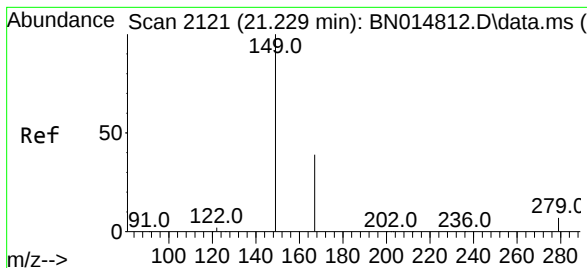
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 44641     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 26.8  | 22.9 34.3 |
| 229         | 19.7  | 16.2 24.2 |



#33  
Chrysene  
Concen: 2.01 ng  
RT: 21.343 min Scan# 2133  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 36337     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 29.0  | 24.3 36.5 |
| 229         | 19.8  | 16.4 24.6 |

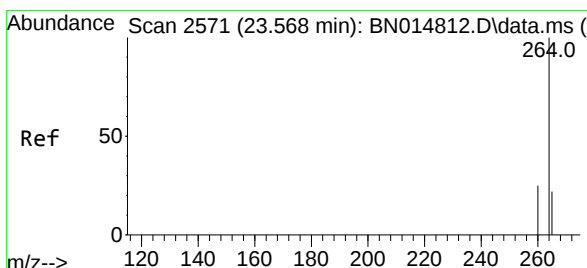
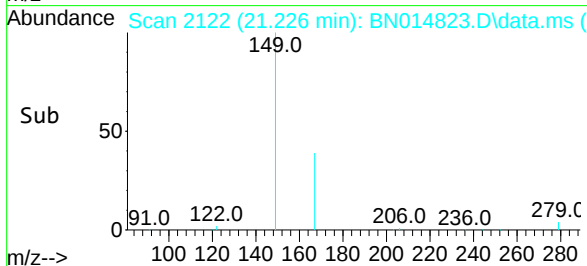
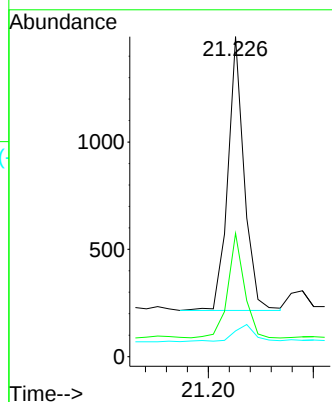
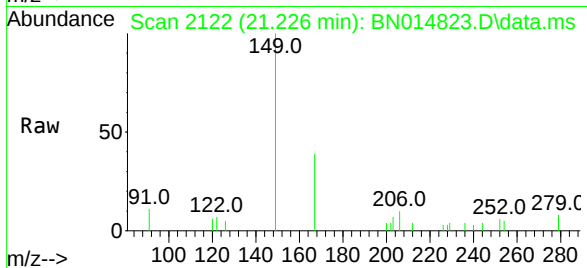




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.33 ng  
RT: 21.226 min Scan# 2122  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

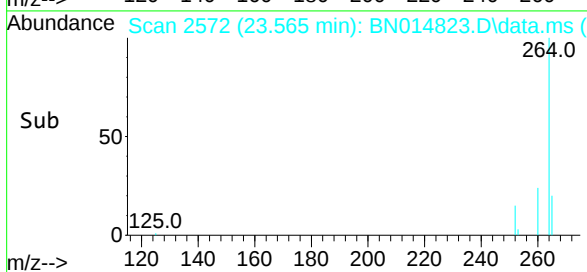
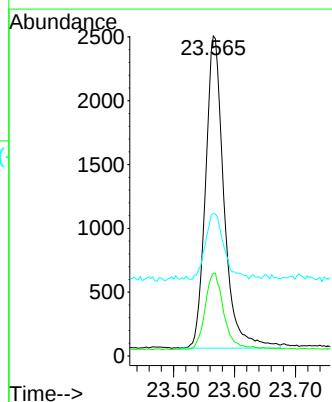
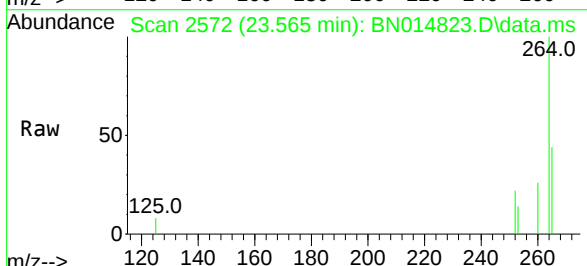
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

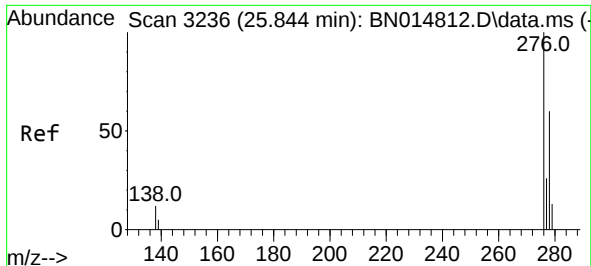
Tgt Ion:149 Resp: 1379  
Ion Ratio Lower Upper  
149 100  
167 38.4 28.3 42.5  
279 8.8 5.5 8.3#



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.565 min Scan# 2572  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:264 Resp: 5147  
Ion Ratio Lower Upper  
264 100  
260 25.9 21.4 32.2  
265 44.5 40.9 61.3

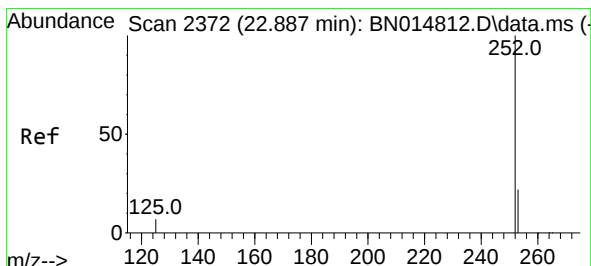
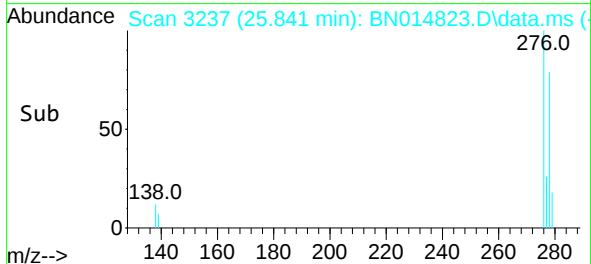
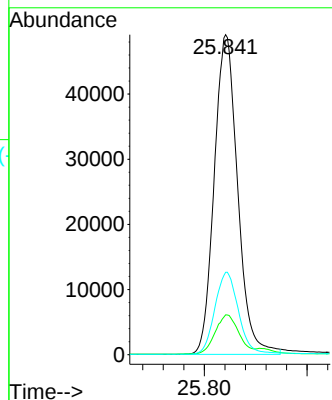
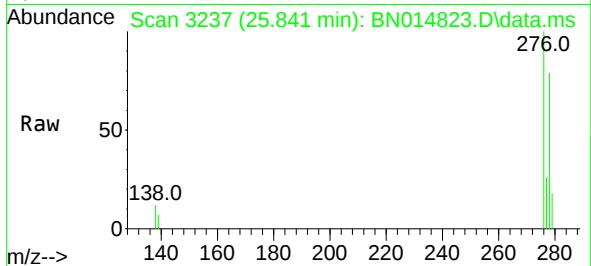




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 7.32 ng  
RT: 25.841 min Scan# 3237  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

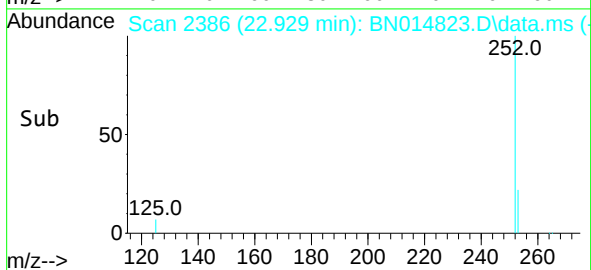
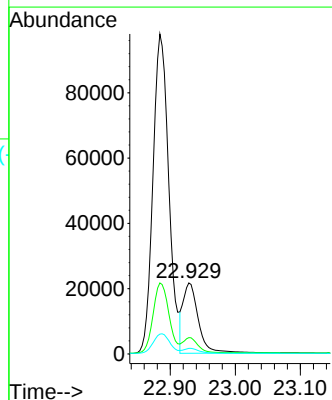
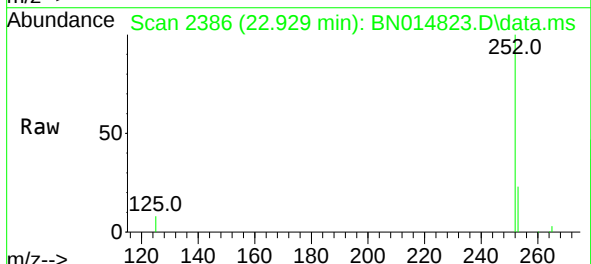
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

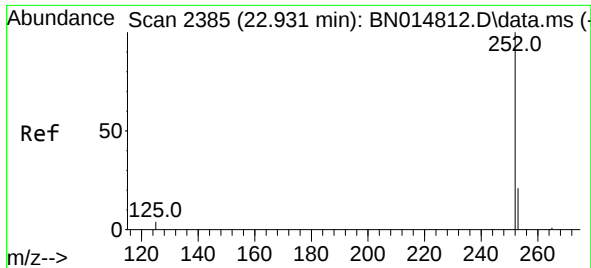
Tgt Ion:276 Resp: 155044  
Ion Ratio Lower Upper  
276 100  
138 12.5 10.2 15.4  
277 25.9 20.4 30.6



#37  
Benzo(b)fluoranthene  
Concen: 1.88 ng  
RT: 22.929 min Scan# 2386  
Delta R.T. 0.042 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:252 Resp: 35145  
Ion Ratio Lower Upper  
252 100  
253 22.9 21.5 32.3  
125 8.0 6.6 10.0

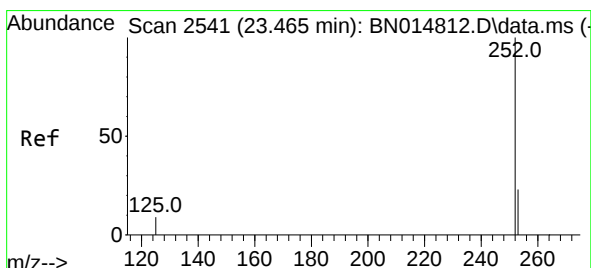
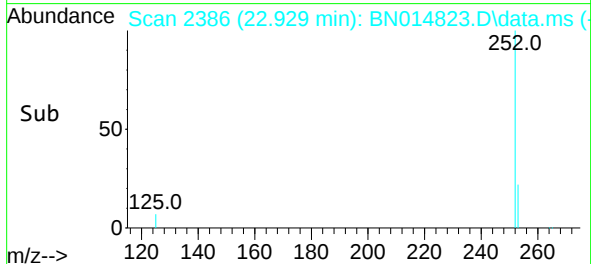
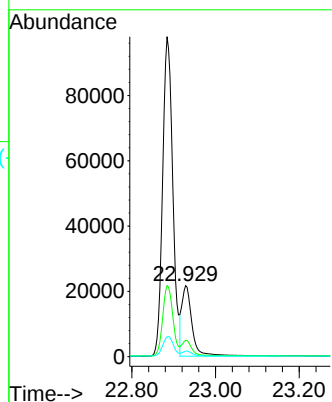
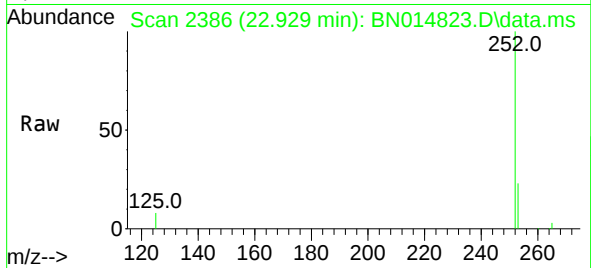




#38  
Benzo(k)fluoranthene  
Concen: 1.81 ng  
RT: 22.929 min Scan# 2386  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

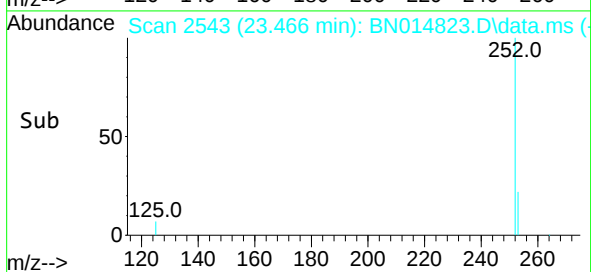
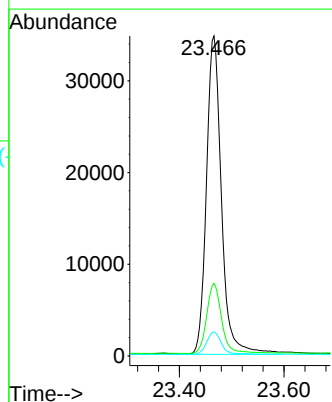
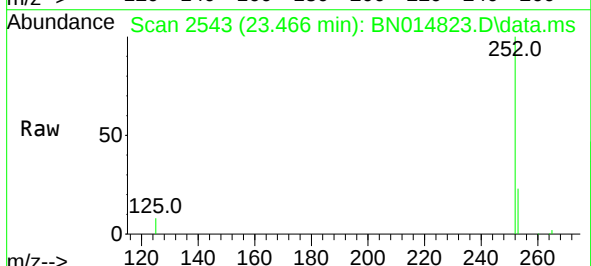
Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

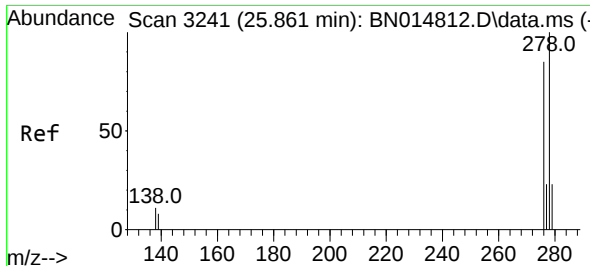
Tgt Ion:252 Resp: 36478  
Ion Ratio Lower Upper  
252 100  
253 22.9 22.7 34.1  
125 8.0 6.4 9.6



#39  
Benzo(a)pyrene  
Concen: 4.23 ng  
RT: 23.466 min Scan# 2543  
Delta R.T. 0.001 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:252 Resp: 69190  
Ion Ratio Lower Upper  
252 100  
253 22.7 25.1 37.7#  
125 7.5 9.4 14.0#

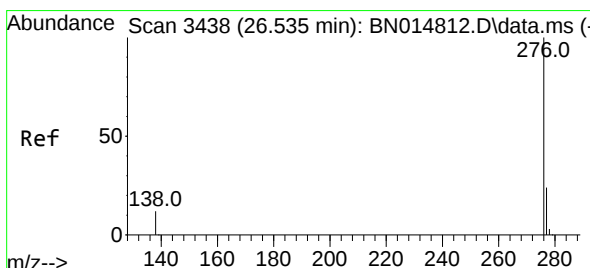
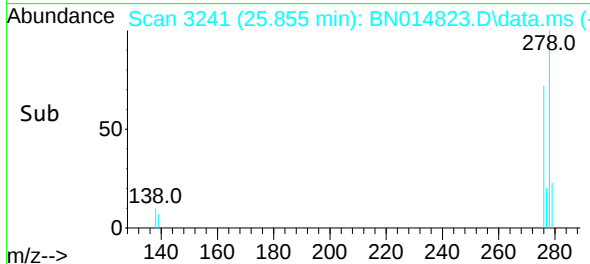
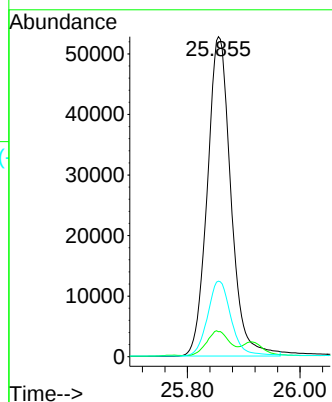
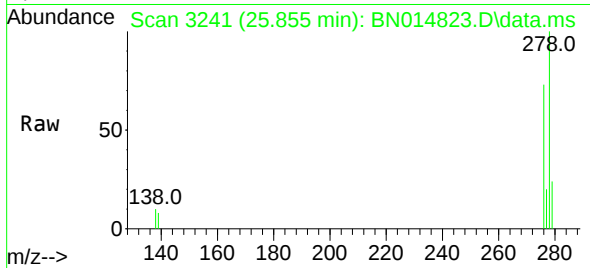




#40  
Dibenzo(a,h)anthracene  
Concen: 8.70 ng  
RT: 25.855 min Scan# 3241  
Delta R.T. -0.006 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Instrument :  
BNA\_N  
ClientSampleId :  
PT-PAH-SOIL

Tgt Ion:278 Resp: 153085  
Ion Ratio Lower Upper  
278 100  
139 7.8 8.6 13.0#  
279 23.6 22.8 34.2



#41  
Benzo(g,h,i)perylene  
Concen: 2.27 ng  
RT: 26.533 min Scan# 3439  
Delta R.T. -0.003 min  
Lab File: BN014823.D  
Acq: 02 Jun 2021 12:30

Tgt Ion:276 Resp: 44400  
Ion Ratio Lower Upper  
276 100  
277 24.2 20.9 31.3  
138 11.0 10.3 15.5

