

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
 Data File : BN035084.D  
 Acq On : 14 Nov 2024 11:24  
 Operator : RC/JU  
 Sample : P4495-11  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Nov 14 11:49:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 17:18:14 2024  
 Response via : Initial Calibration

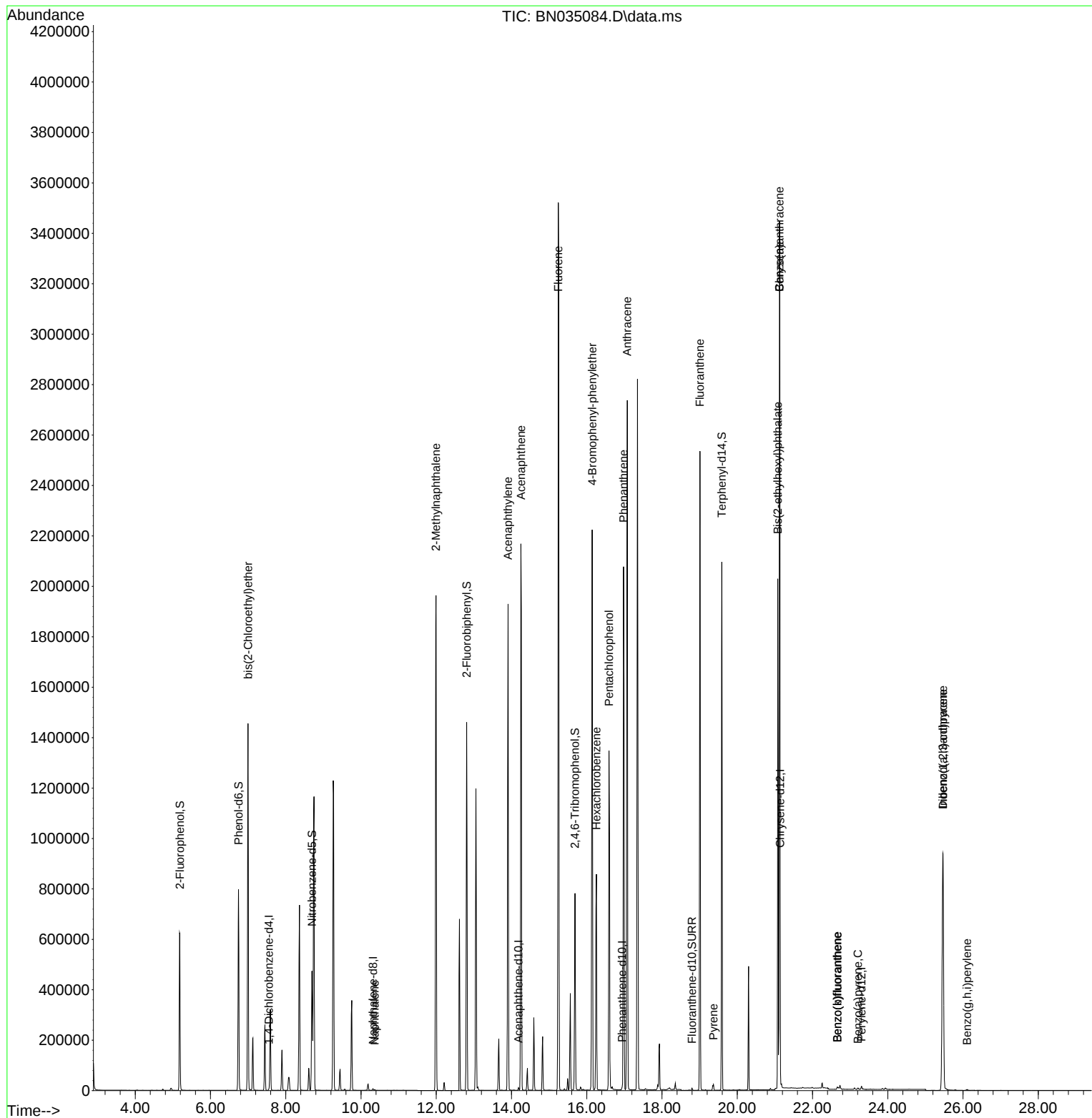
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.553  | 152  | 2710     | 0.400   | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.319 | 136  | 7067     | 0.400   | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.186 | 164  | 5458     | 0.400   | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.939 | 188  | 14151    | 0.400   | ng    | 0.00     |
| 29) Chrysene-d12              | 21.140 | 240  | 14796    | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 23.301 | 264  | 14652    | 0.400   | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.184  | 112  | 507176   | 73.722  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.744  | 99   | 700669   | 81.228  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.696  | 82   | 406027   | 66.006  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.893 | 152  | 2        | 0.000   | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.686 | 330  | 421617   | 107.082 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.807 | 172  | 1236100  | 55.765  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.794 | 212  | 10775    | 0.249   | ng    | -0.18    |
| 31) Terphenyl-d14             | 19.589 | 244  | 2157057  | 69.476  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 6.997  | 93   | 1055495  | 163.002 | ng    | 99       |
| 9) Naphthalene                | 10.361 | 128  | 3156     | 0.171   | ng    | 95       |
| 12) 2-Methylnaphthalene       | 11.991 | 142  | 1353927  | 99.466  | ng    | 99       |
| 16) Acenaphthylene            | 13.908 | 152  | 2014770  | 86.375  | ng    | 99       |
| 17) Acenaphthene              | 14.250 | 154  | 1147118  | 75.042  | ng    | 97       |
| 18) Fluorene                  | 15.245 | 166  | 2389052  | 106.245 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.145 | 248  | 938134   | 104.055 | ng    | # 91     |
| 22) Hexachlorobenzene         | 16.257 | 284  | 723854   | 77.365  | ng    | 98       |
| 24) Pentachlorophenol         | 16.592 | 266  | 617992   | 141.365 | ng    | 98       |
| 25) Phenanthrene              | 16.976 | 178  | 2274895  | 61.086  | ng    | 100      |
| 26) Anthracene                | 17.076 | 178  | 2774637  | 81.116  | ng    | 99       |
| 28) Fluoranthene              | 19.008 | 202  | 2312461  | 45.155  | ng    | 99       |
| 30) Pyrene                    | 19.366 | 202  | 25558    | 0.519   | ng    | # 61     |
| 32) Benzo(a)anthracene        | 21.122 | 228  | 3155552  | 61.249  | ng    | 98       |
| 33) Chrysene                  | 21.122 | 228  | 3155552  | 61.830  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149  | 1638521  | 60.611  | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.464 | 276  | 1803107  | 30.848  | ng    | # 96     |
| 37) Benzo(b)fluoranthene      | 22.660 | 252  | 14661    | 0.297   | ng    | # 77     |
| 38) Benzo(k)fluoranthene      | 22.660 | 252  | 14661    | 0.297   | ng    | # 78     |
| 39) Benzo(a)pyrene            | 23.207 | 252  | 7113     | 0.164   | ng    | # 65     |
| 40) Dibenzo(a,h)anthracene    | 25.467 | 278  | 48728    | 1.052   | ng    | # 73     |
| 41) Benzo(g,h,i)perylene      | 26.104 | 276  | 6193     | 0.126   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

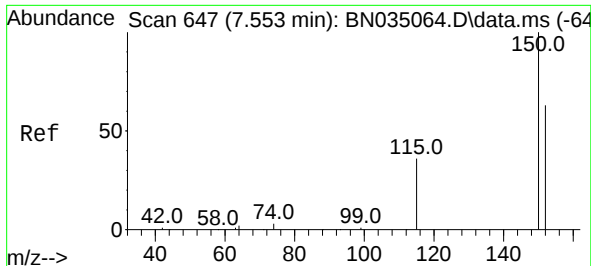
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
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Instrument :  
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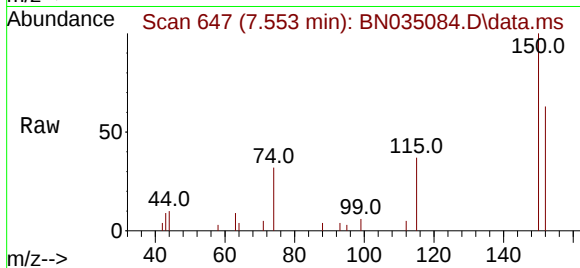
Quant Time: Nov 14 11:49:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
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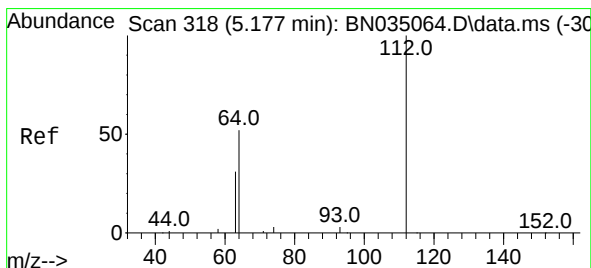
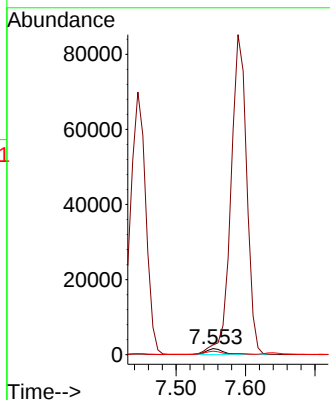
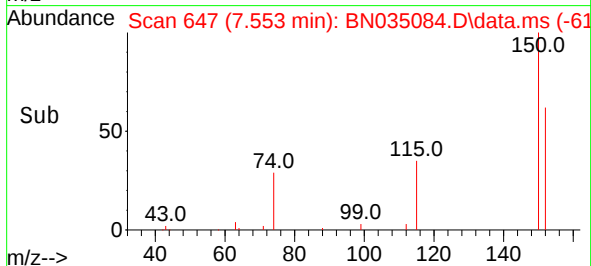


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.553 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

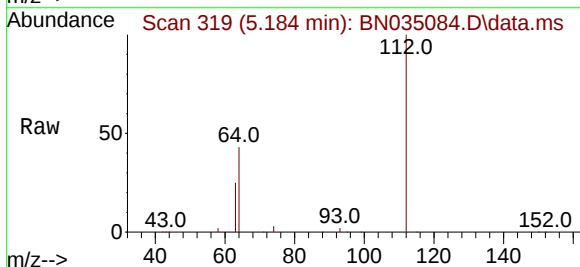
Instrument :  
BNA\_N  
ClientSampleId :  
PT-BNA-SOIL



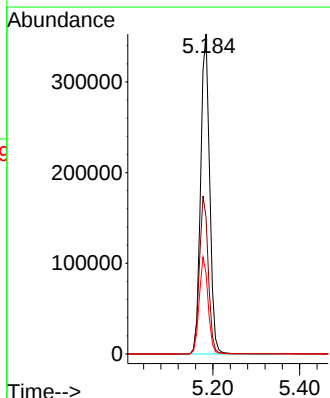
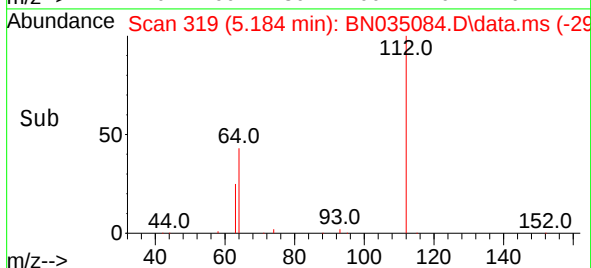
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Ion Ratio Lower Upper  
152 100  
150 159.1 124.5 186.7  
115 58.9 47.8 71.6

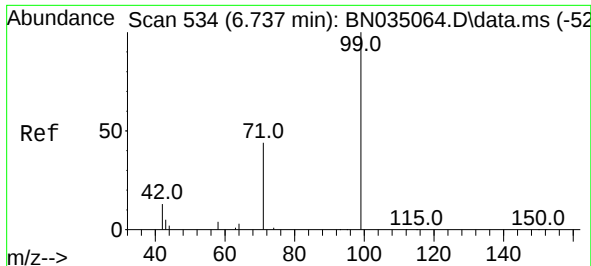


#4  
2-Fluorophenol  
Concen: 73.722 ng  
RT: 5.184 min Scan# 319  
Delta R.T. 0.007 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24



Tgt Ion:112 Resp: 507176  
Ion Ratio Lower Upper  
112 100  
64 49.0 39.7 59.5  
63 29.8 23.0 34.4

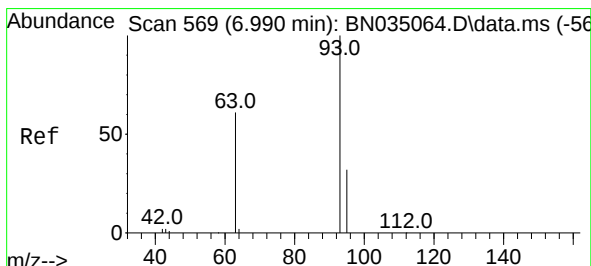
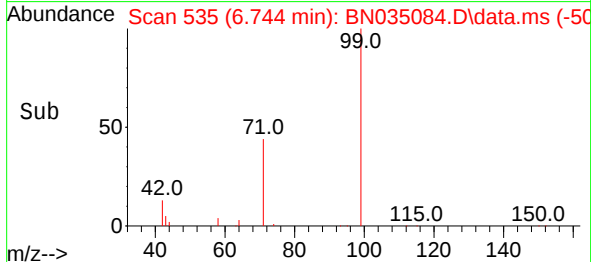
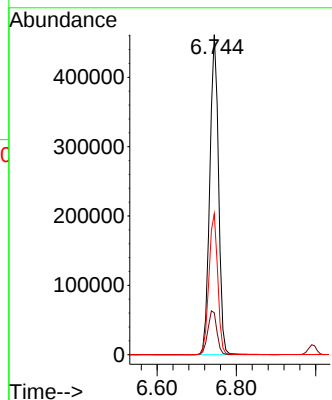
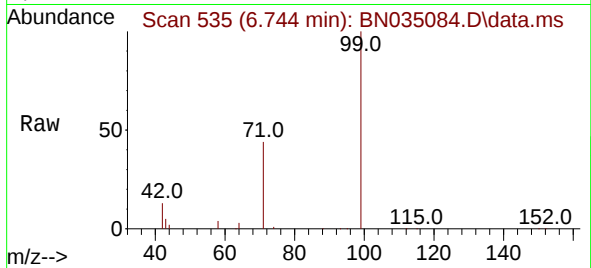




#5  
Phenol-d6  
Concen: 81.228 ng  
RT: 6.744 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

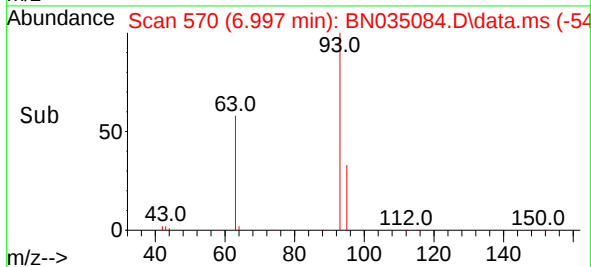
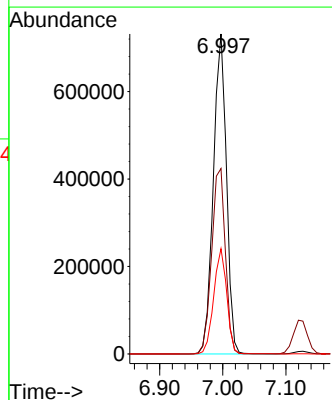
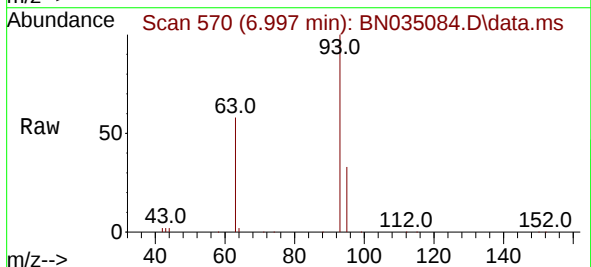
Instrument :  
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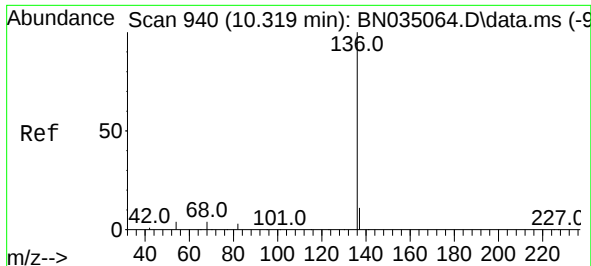
Tgt Ion: 99 Resp: 700669  
Ion Ratio Lower Upper  
99 100  
42 14.3 11.4 17.0  
71 44.4 34.6 51.8



#6  
bis(2-Chloroethyl)ether  
Concen: 163.002 ng  
RT: 6.997 min Scan# 570  
Delta R.T. 0.007 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Tgt Ion: 93 Resp: 1055495  
Ion Ratio Lower Upper  
93 100  
63 60.8 47.4 71.2  
95 32.7 26.2 39.4

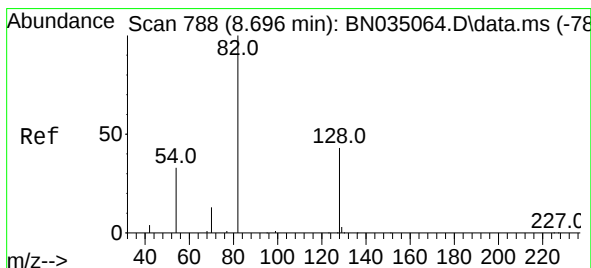
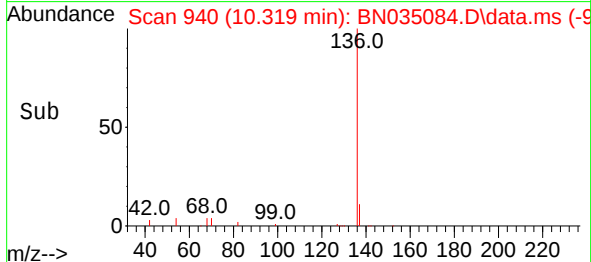
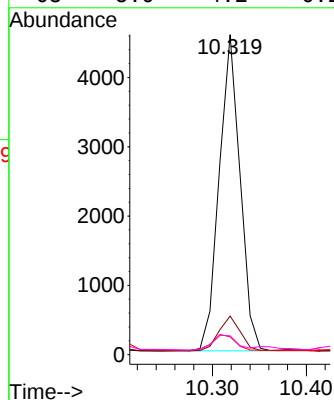
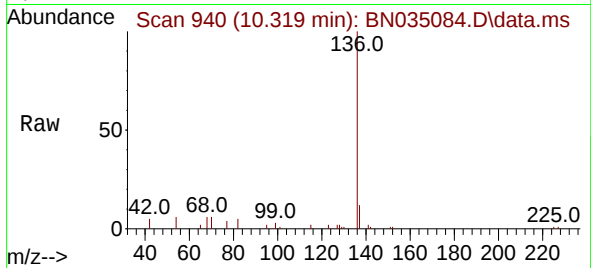




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.319 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

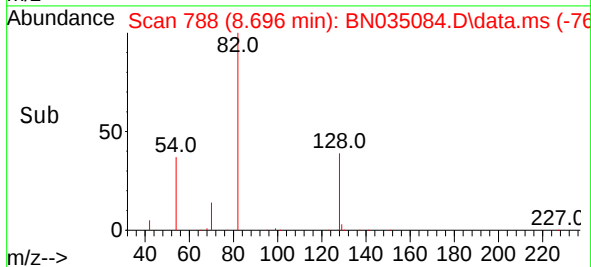
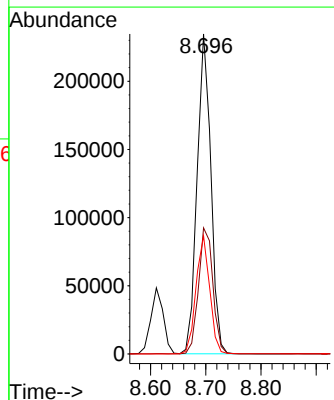
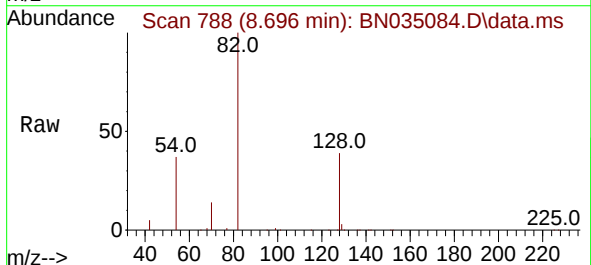
Instrument :  
BNA\_N  
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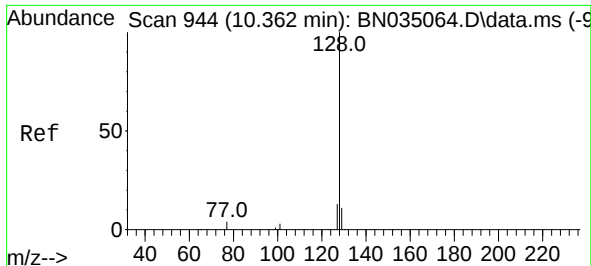
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 7067 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.1  | 9.8   | 14.8 |
| 54        | 5.6   | 4.0   | 6.0  |
| 68        | 5.9   | 4.2   | 6.2  |



#8  
Nitrobenzene-d5  
Concen: 66.006 ng  
RT: 8.696 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 406027 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.4  | 36.5  | 54.7   |
| 54        | 36.9  | 28.7  | 43.1   |

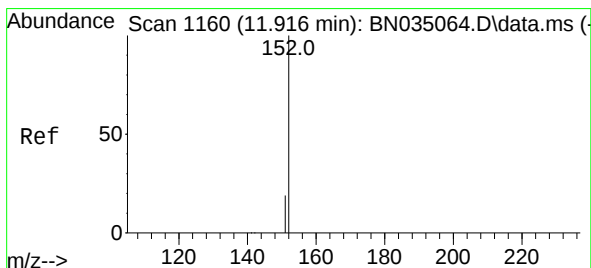
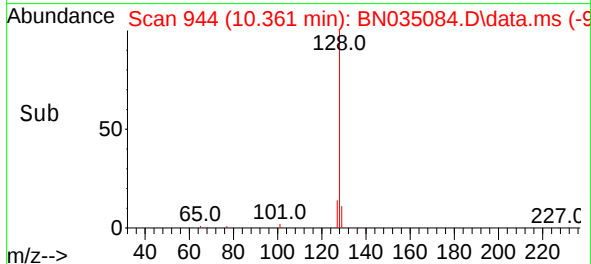
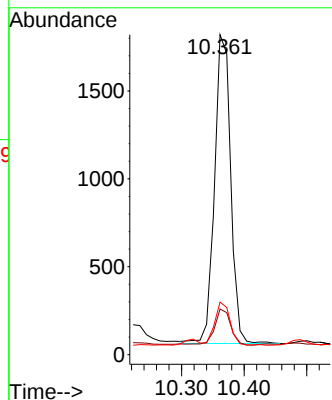
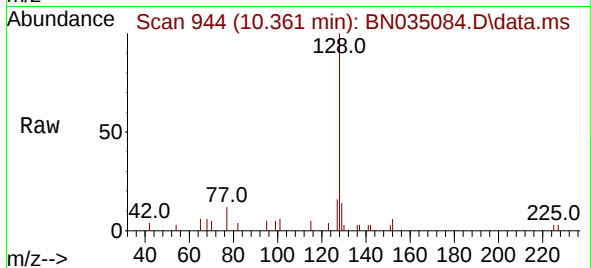




#9  
Naphthalene  
Concen: 0.171 ng  
RT: 10.361 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

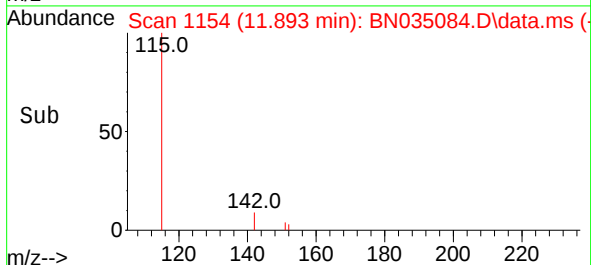
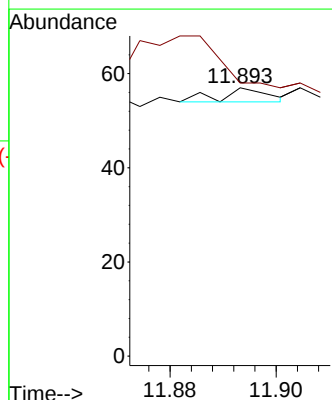
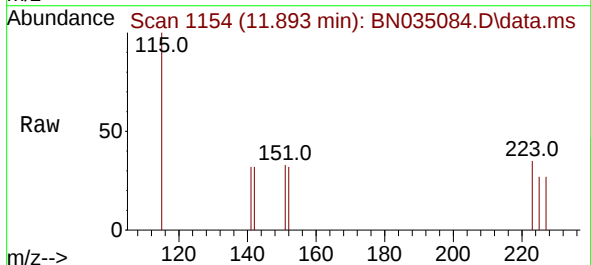
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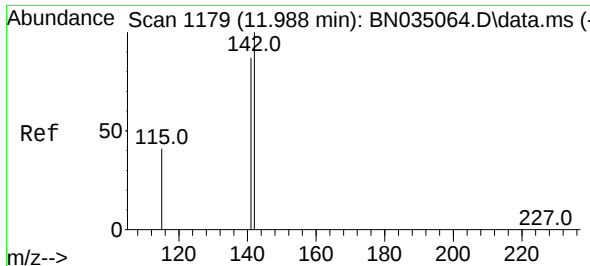
Tgt Ion:128 Resp: 3156  
Ion Ratio Lower Upper  
128 100  
129 14.2 9.6 14.4  
127 16.4 11.6 17.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.000 ng  
RT: 11.893 min Scan# 1154  
Delta R.T. -0.023 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Tgt Ion:152 Resp: 2  
Ion Ratio Lower Upper  
152 100  
151 0.0 16.2 24.4#





#12

2-Methylnaphthalene

Concen: 99.466 ng

RT: 11.991 min Scan# 1180

Delta R.T. 0.004 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

Instrument :

BNA\_N

ClientSampleId :

PT-BNA-SOIL

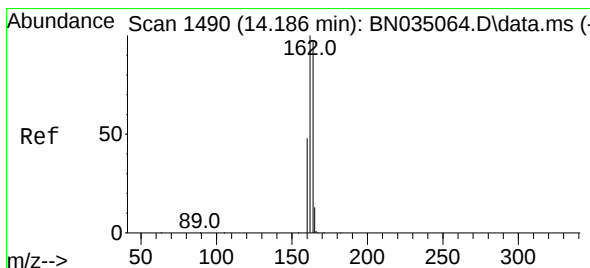
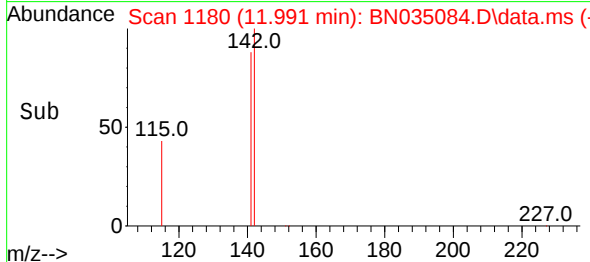
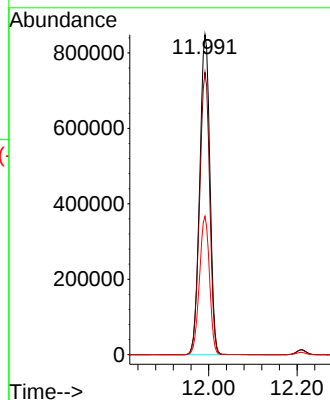
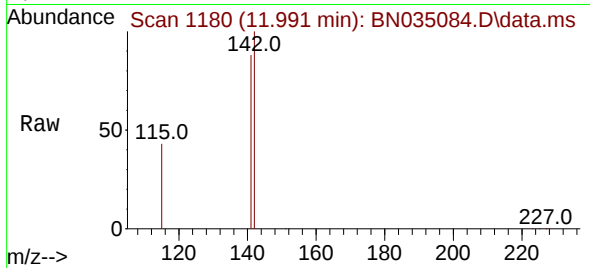
Tgt Ion:142 Resp: 1353927

Ion Ratio Lower Upper

142 100

141 88.2 70.1 105.1

115 43.2 34.4 51.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.186 min Scan# 1490

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

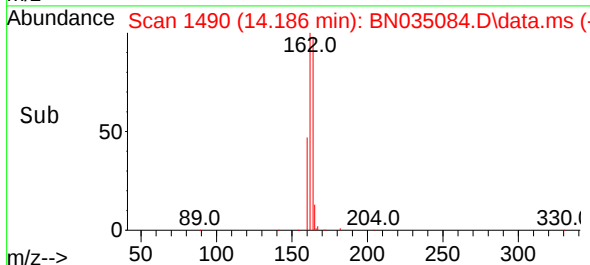
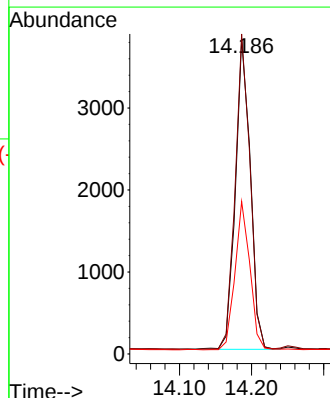
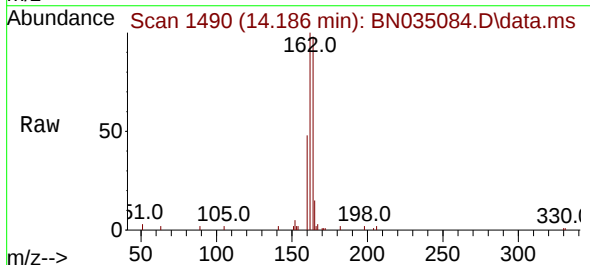
Tgt Ion:164 Resp: 5458

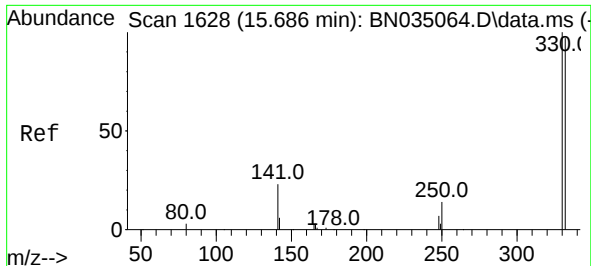
Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

160 48.4 40.2 60.4





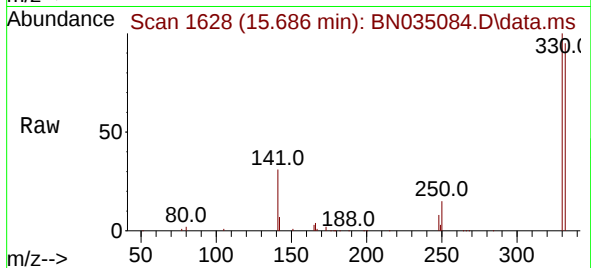
#14  
2,4,6-Tribromophenol  
Concen: 107.082 ng  
RT: 15.686 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Instrument :

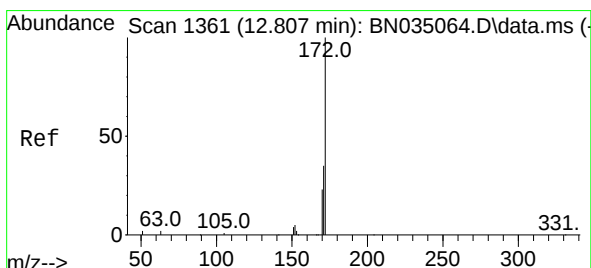
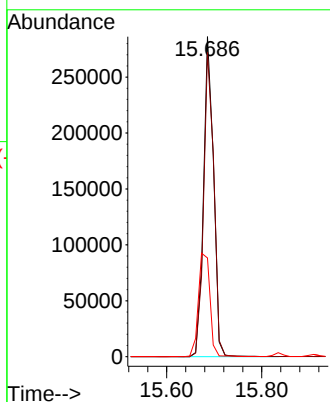
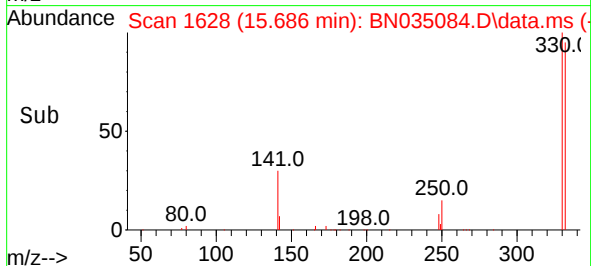
BNA\_N

ClientSampleId :

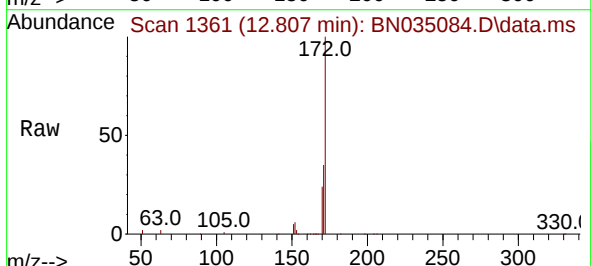
PT-BNA-SOIL



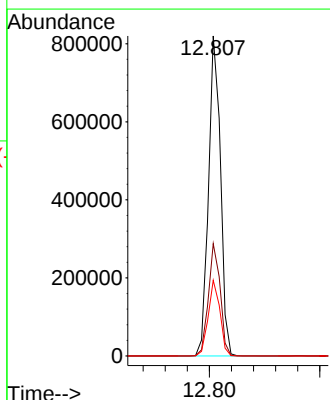
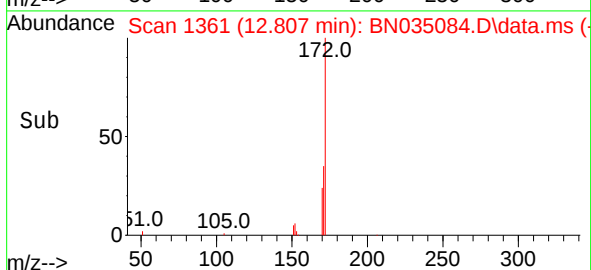
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141 37.1 29.6 44.4

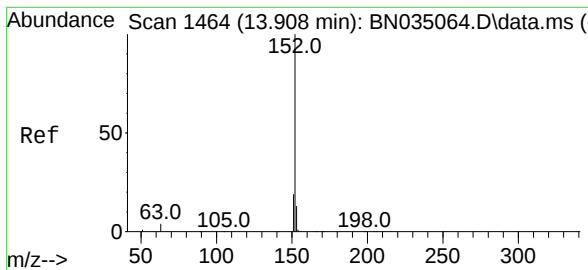


#15  
2-Fluorobiphenyl  
Concen: 55.765 ng  
RT: 12.807 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24



Tgt Ion:172 Resp: 1236100  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.4  
170 23.7 19.0 28.6

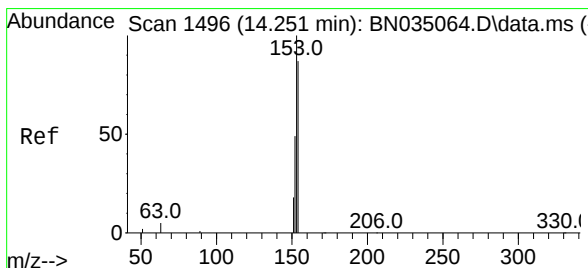
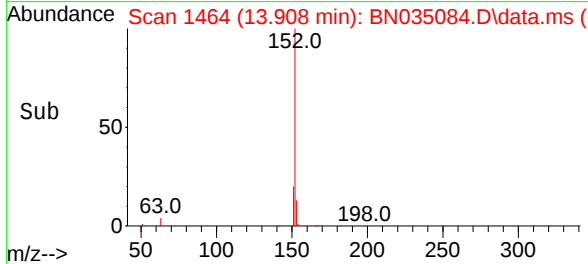
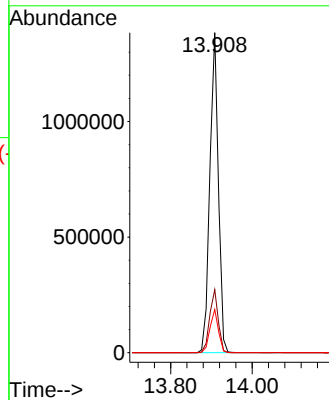
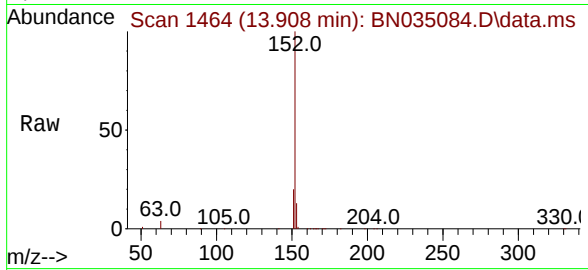




#16  
Acenaphthylene  
Concen: 86.375 ng  
RT: 13.908 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

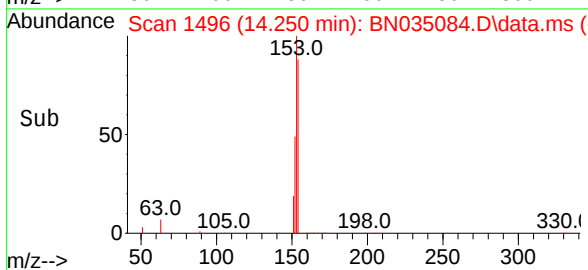
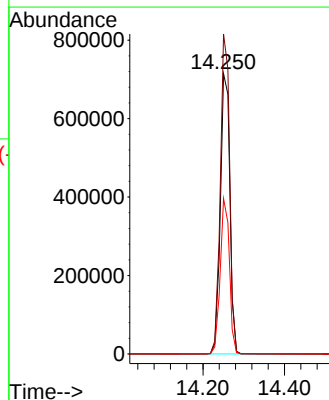
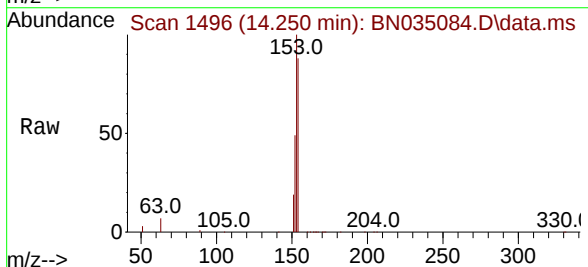
Instrument :  
BNA\_N  
ClientSampleId :  
PT-BNA-SOIL

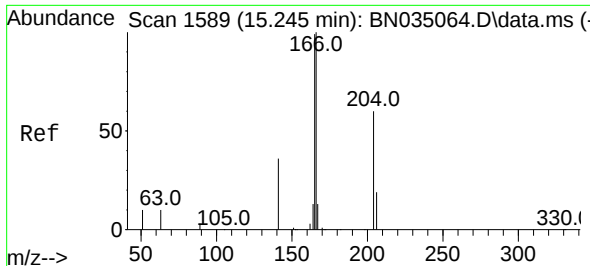
Tgt Ion:152 Resp: 2014770  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 13.3 10.2 15.4



#17  
Acenaphthene  
Concen: 75.042 ng  
RT: 14.250 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Tgt Ion:154 Resp: 1147118  
Ion Ratio Lower Upper  
154 100  
153 112.6 91.6 137.4  
152 53.8 45.8 68.6

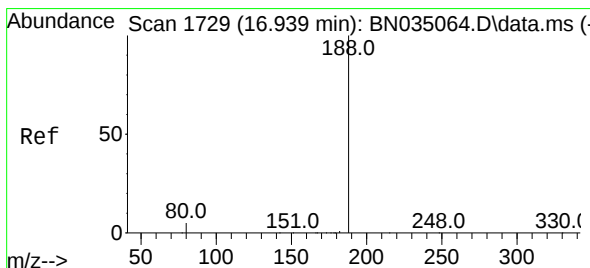
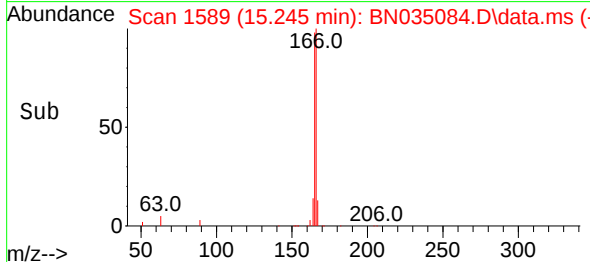
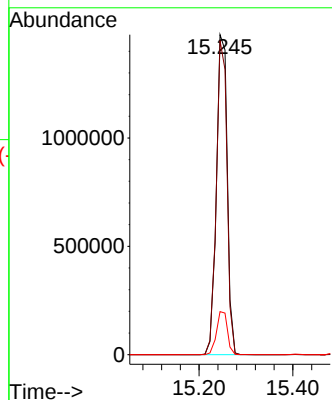
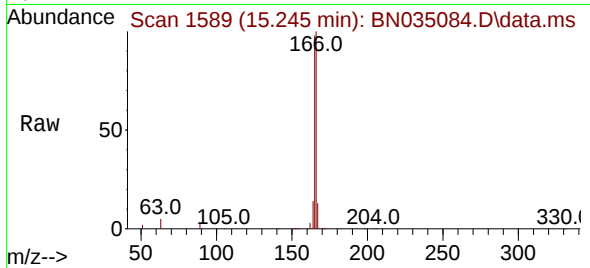




#18  
Fluorene  
Concen: 106.245 ng  
RT: 15.245 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

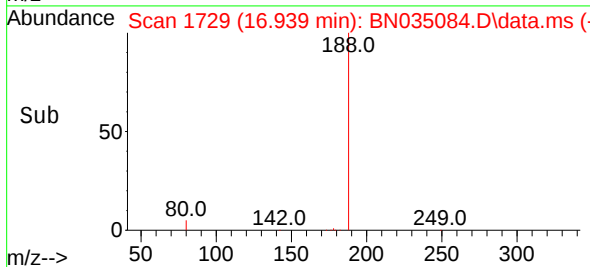
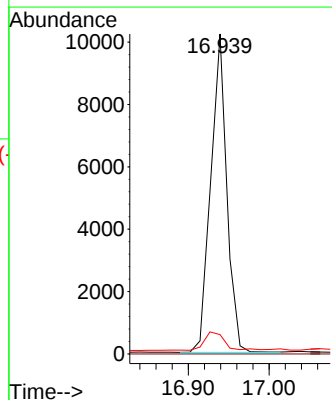
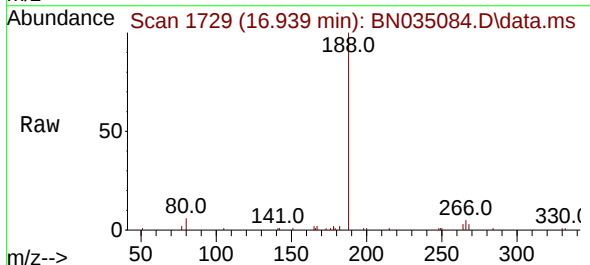
Instrument :  
BNA\_N  
ClientSampleId :  
PT-BNA-SOIL

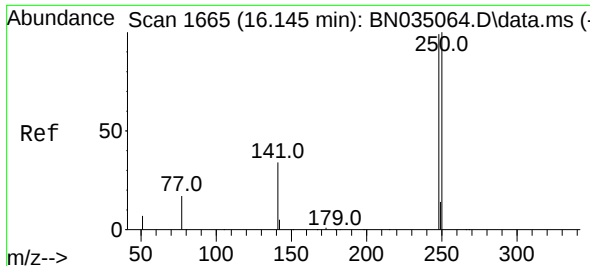
Tgt Ion:166 Resp: 2389052  
Ion Ratio Lower Upper  
166 100  
165 96.5 79.1 118.7  
167 13.5 10.6 16.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.939 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Tgt Ion:188 Resp: 14151  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.1 4.3 6.5

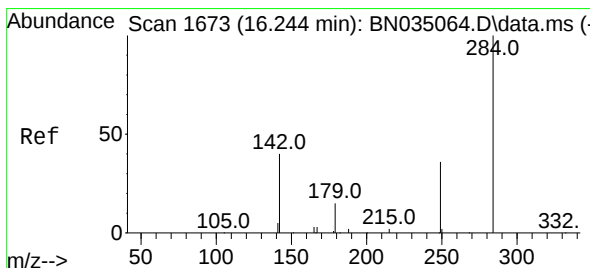
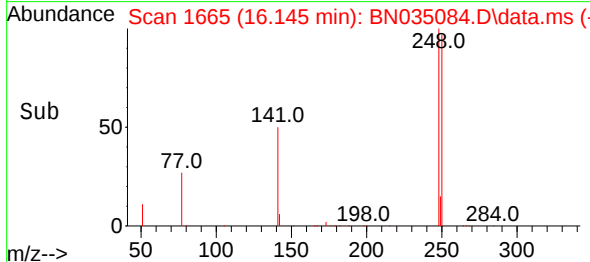
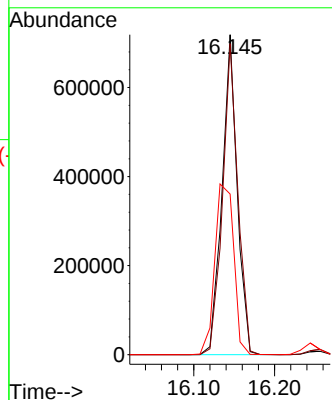
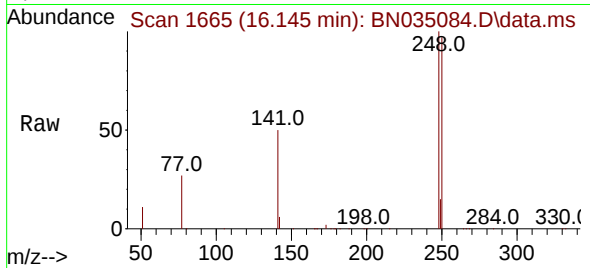




#21  
4-Bromophenyl-phenylether  
Concen: 104.055 ng  
RT: 16.145 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

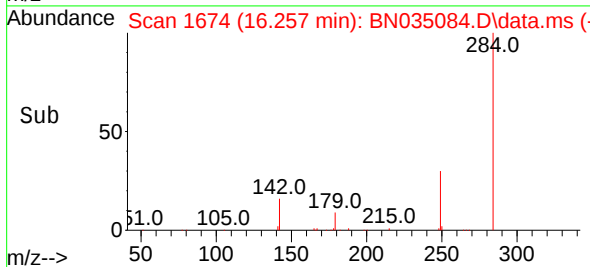
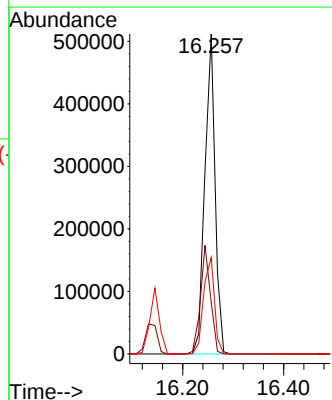
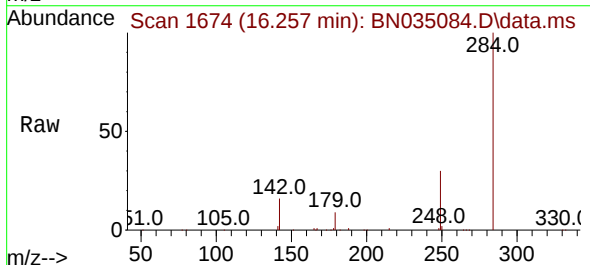
Instrument :  
BNA\_N  
ClientSampleId :  
PT-BNA-SOIL

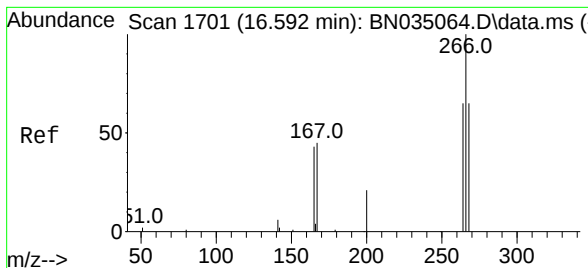
Tgt Ion:248 Resp: 938134  
Ion Ratio Lower Upper  
248 100  
250 97.2 81.2 121.8  
141 50.2 29.1 43.7#



#22  
Hexachlorobenzene  
Concen: 77.365 ng  
RT: 16.257 min Scan# 1674  
Delta R.T. 0.012 min  
Lab File: BN035084.D  
Acq: 14 Nov 2024 11:24

Tgt Ion:284 Resp: 723854  
Ion Ratio Lower Upper  
284 100  
142 33.2 28.2 42.4  
249 32.2 26.2 39.2





#24

Pentachlorophenol

Concen: 141.365 ng

RT: 16.592 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

Instrument :

BNA\_N

ClientSampleId :

PT-BNA-SOIL

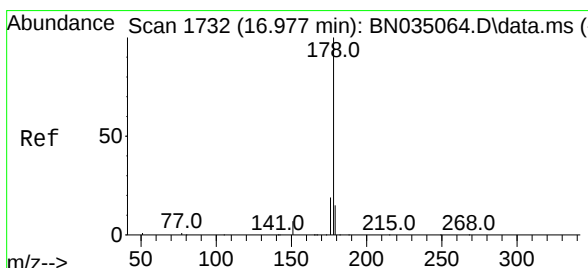
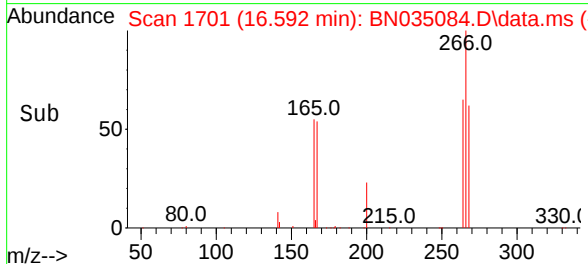
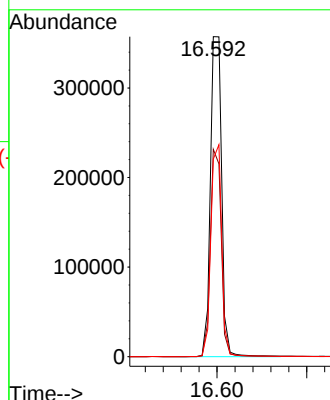
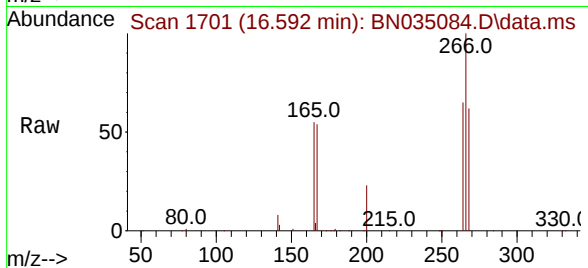
Tgt Ion:266 Resp: 617992

Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.0

268 64.0 52.6 79.0



#25

Phenanthrene

Concen: 61.086 ng

RT: 16.976 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

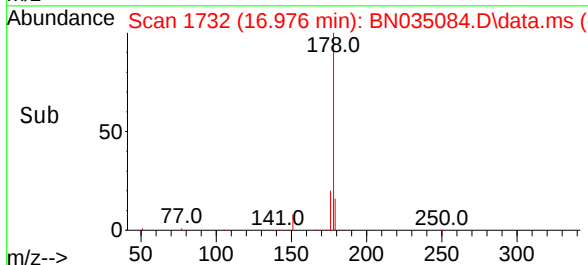
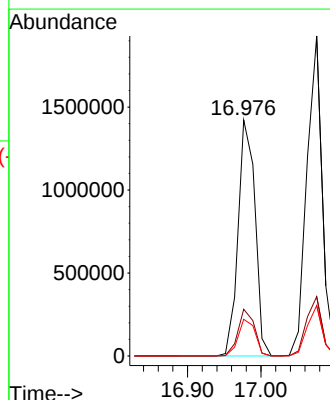
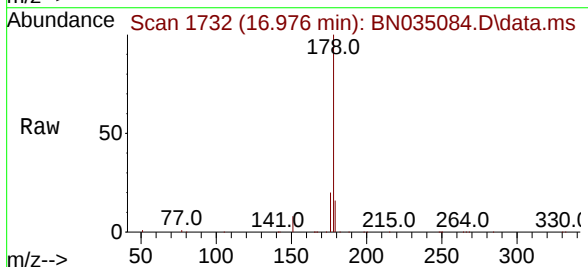
Tgt Ion:178 Resp: 2274895

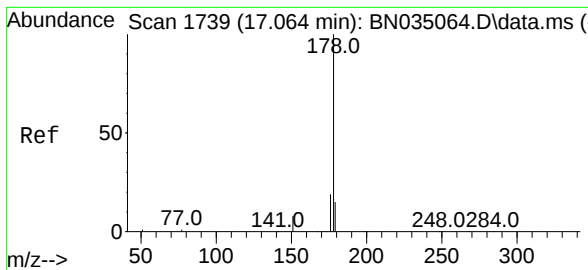
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.6 12.6 18.8

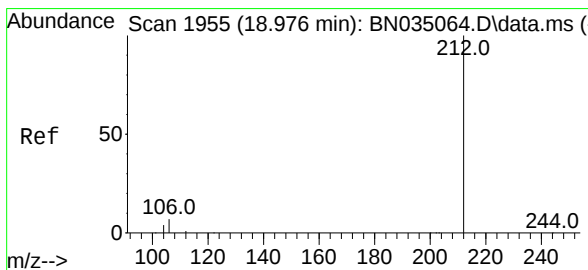
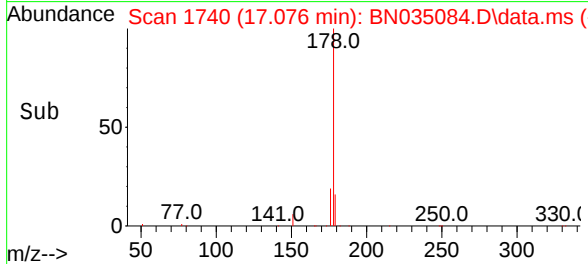
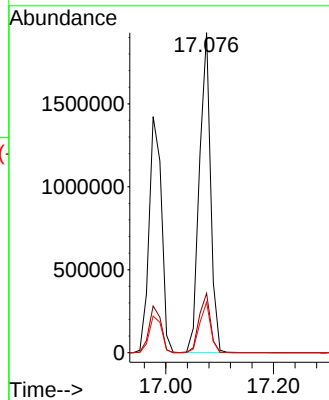
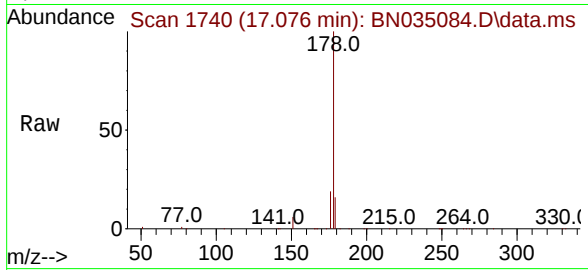




#26  
 Anthracene  
 Concen: 81.116 ng  
 RT: 17.076 min Scan# 1740  
 Delta R.T. 0.012 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

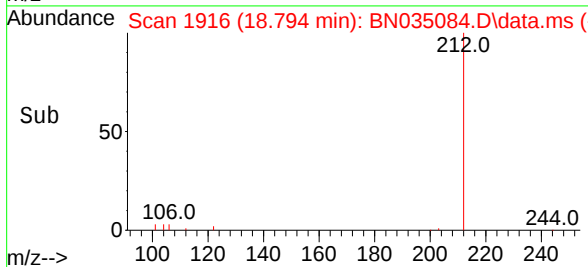
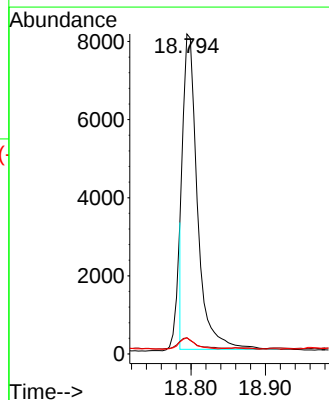
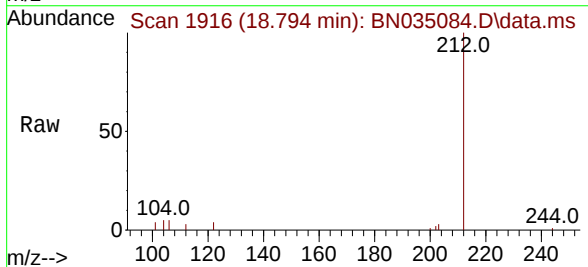
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-BNA-SOIL

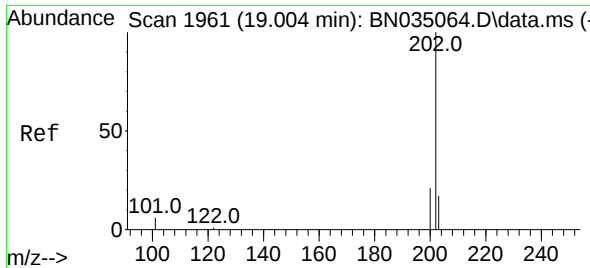
Tgt Ion:178 Resp: 2774637  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.6 22.0  
 179 15.6 12.2 18.2



#27  
 Fluoranthene-d10  
 Concen: 0.249 ng  
 RT: 18.794 min Scan# 1916  
 Delta R.T. -0.181 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

Tgt Ion:212 Resp: 10775  
 Ion Ratio Lower Upper  
 212 100  
 106 2.6 6.0 9.0#  
 104 2.9 3.5 5.3#

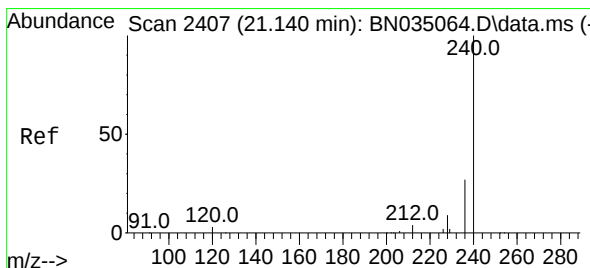
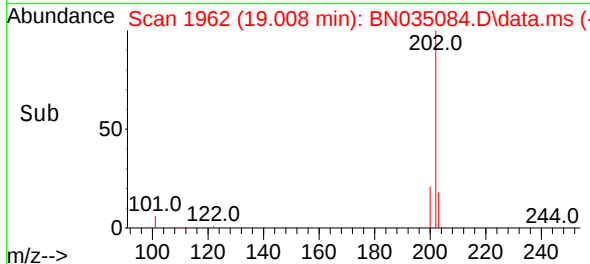
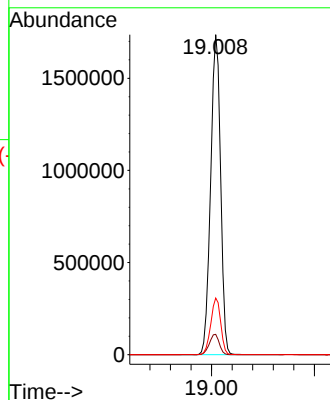
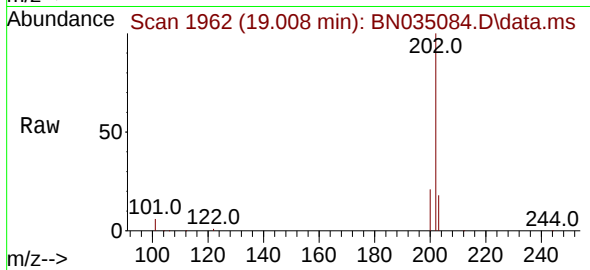




#28  
 Fluoranthene  
 Concen: 45.155 ng  
 RT: 19.008 min Scan# 1961  
 Delta R.T. 0.004 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

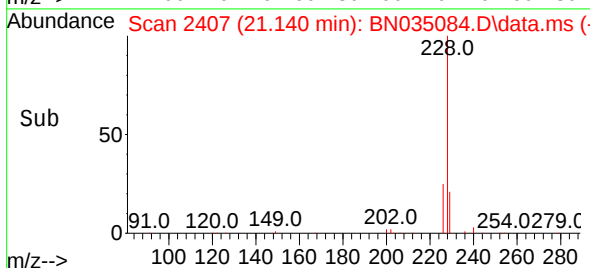
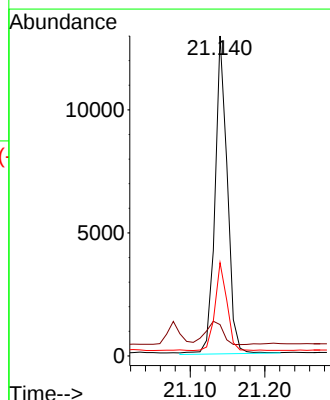
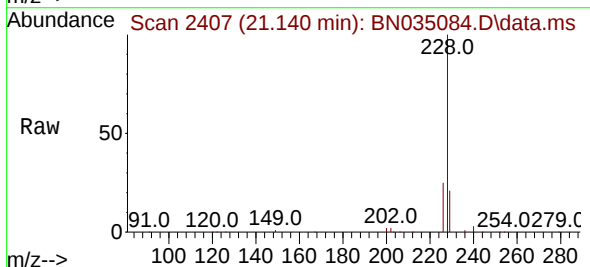
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-BNA-SOIL

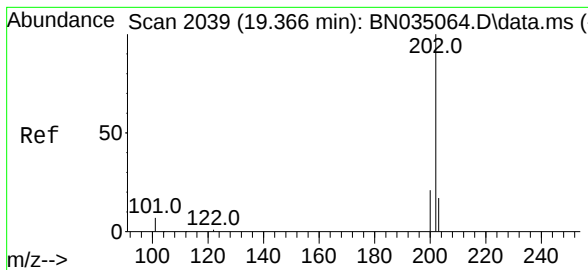
Tgt Ion:202 Resp: 2312461  
 Ion Ratio Lower Upper  
 202 100  
 101 6.4 5.2 7.8  
 203 17.7 13.8 20.8



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.140 min Scan# 2407  
 Delta R.T. -0.000 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

Tgt Ion:240 Resp: 14796  
 Ion Ratio Lower Upper  
 240 100  
 120 9.8 3.8 5.6#  
 236 29.2 22.2 33.2





#30

Pyrene

Concen: 0.519 ng

RT: 19.366 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

Instrument :

BNA\_N

ClientSampleId :

PT-BNA-SOIL

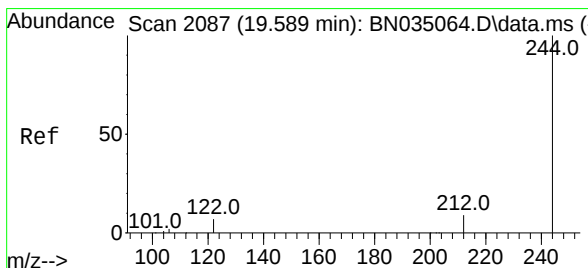
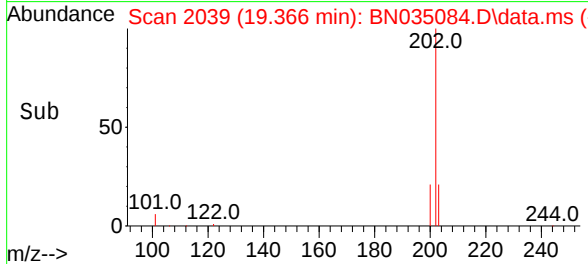
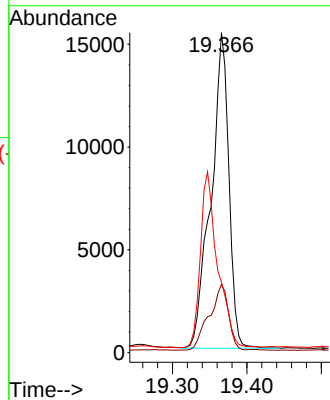
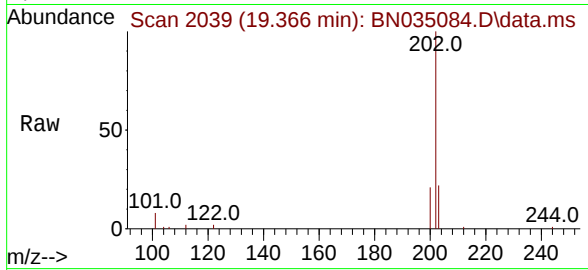
Tgt Ion:202 Resp: 25558

Ion Ratio Lower Upper

202 100

200 22.4 16.7 25.1

203 53.8 14.2 21.4#



#31

Terphenyl-d14

Concen: 69.476 ng

RT: 19.589 min Scan# 2087

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

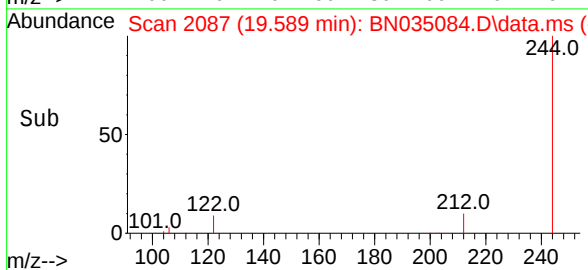
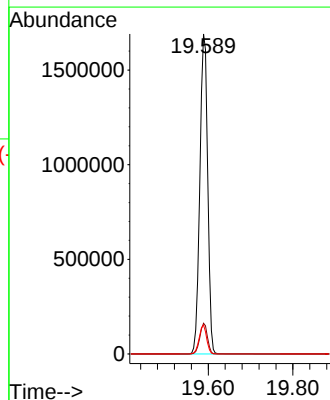
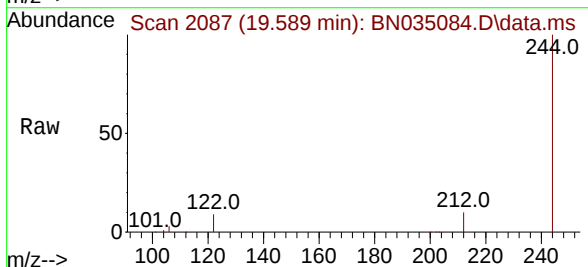
Tgt Ion:244 Resp: 2157057

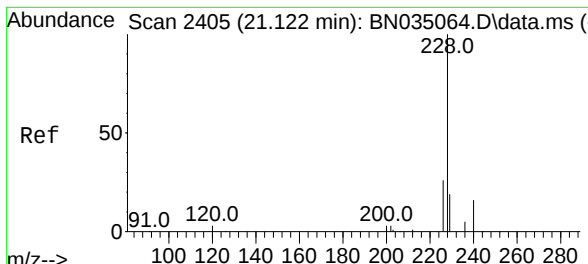
Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 9.1 6.1 9.1



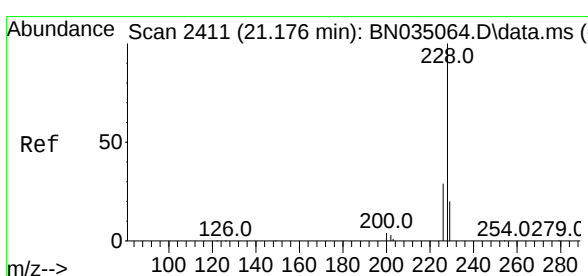
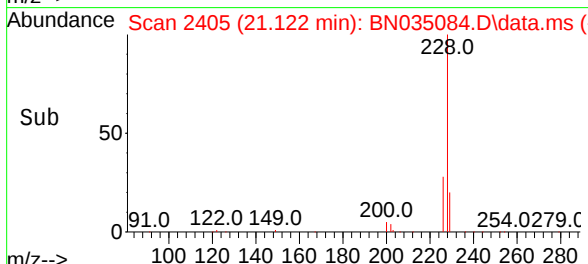
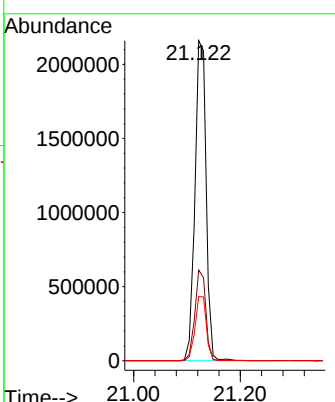
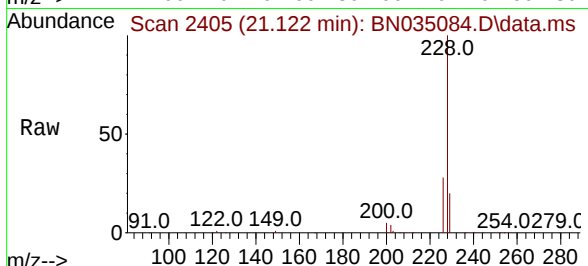


#32  
 Benzo(a)anthracene  
 Concen: 61.249 ng  
 RT: 21.122 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

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

Tgt Ion:228 Resp: 3155552

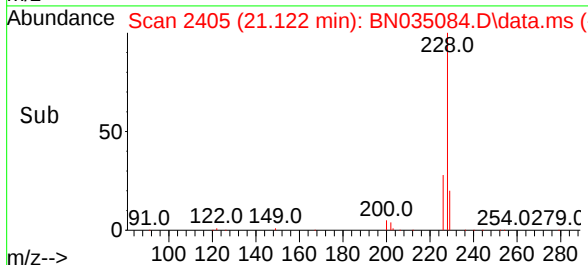
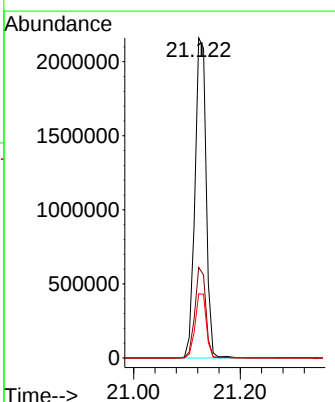
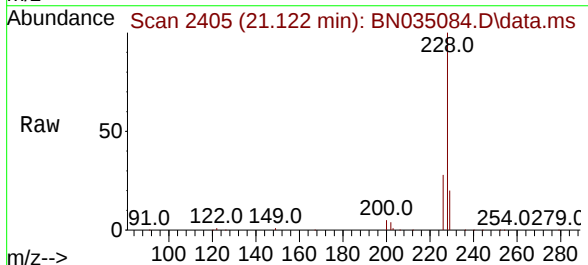
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.3  | 21.4  | 32.0  |
| 229 | 20.0  | 15.7  | 23.5  |

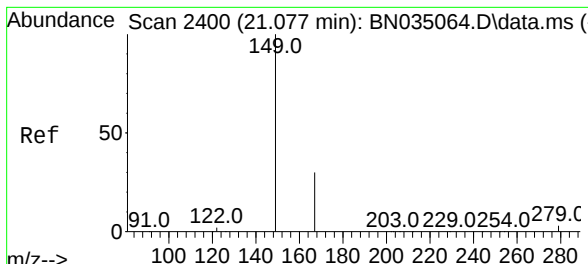


#33  
 Chrysene  
 Concen: 61.830 ng  
 RT: 21.122 min Scan# 2405  
 Delta R.T. -0.054 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

Tgt Ion:228 Resp: 3155552

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.3  | 23.7  | 35.5  |
| 229 | 20.0  | 16.2  | 24.4  |



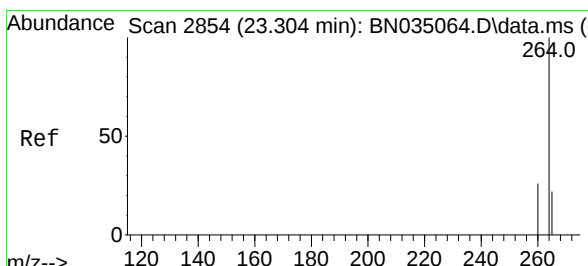
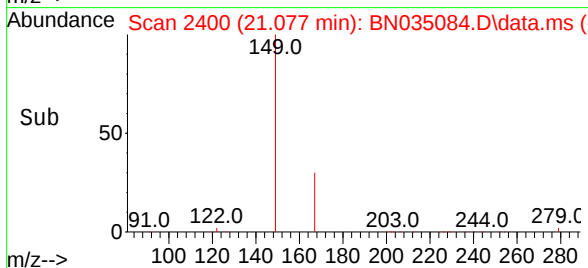
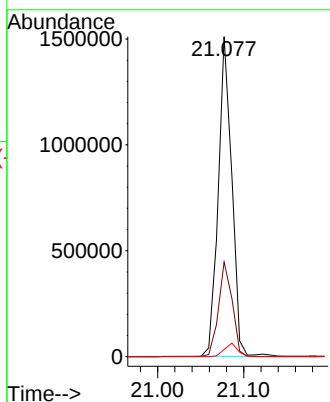
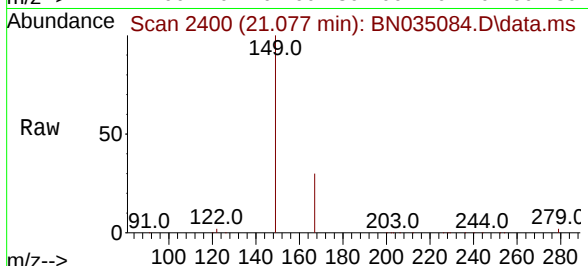


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 60.611 ng  
 RT: 21.077 min Scan# 2400  
 Delta R.T. -0.000 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

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

Tgt Ion:149 Resp: 1638521

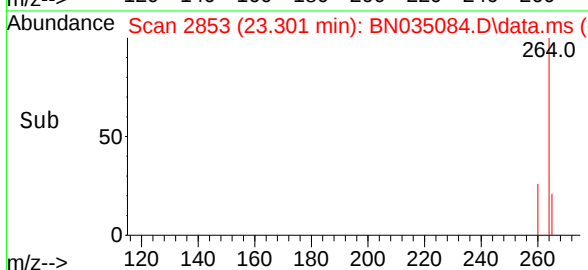
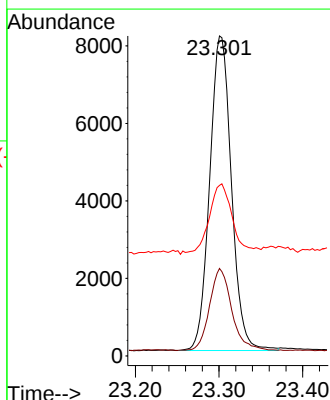
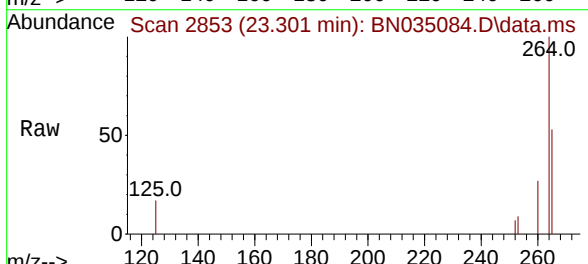
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.8  | 23.2  | 34.8  |
| 279 | 4.1   | 3.2   | 4.8   |

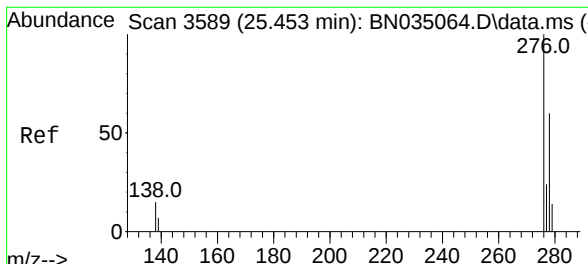


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.301 min Scan# 2853  
 Delta R.T. -0.003 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

Tgt Ion:264 Resp: 14652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.3  | 20.9  | 31.3  |
| 265 | 53.3  | 35.4  | 53.2# |

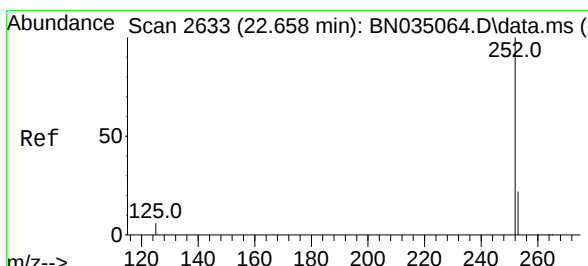
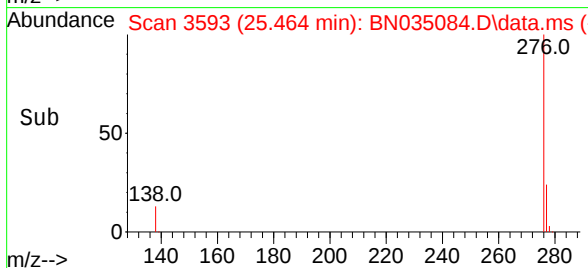
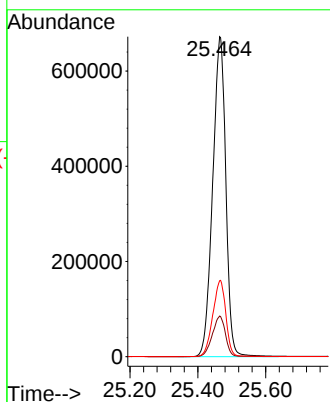
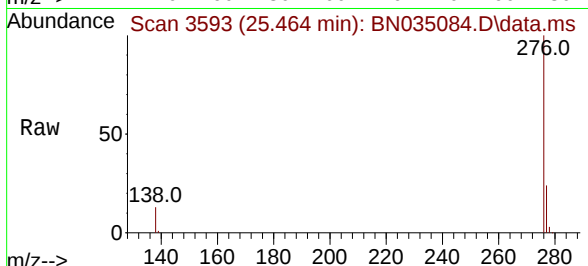




#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 30.848 ng  
 RT: 25.464 min Scan# 3593  
 Delta R.T. 0.011 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

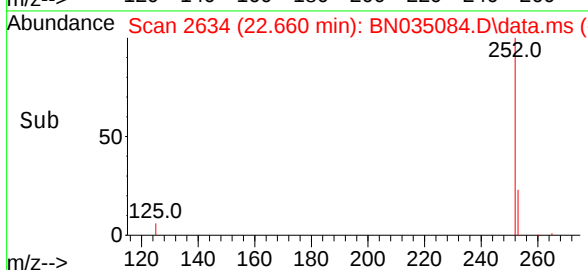
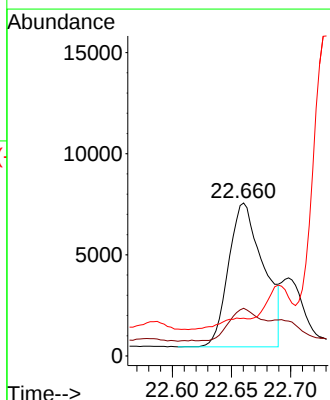
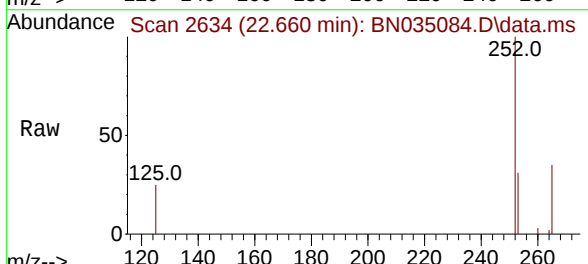
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-BNA-SOIL

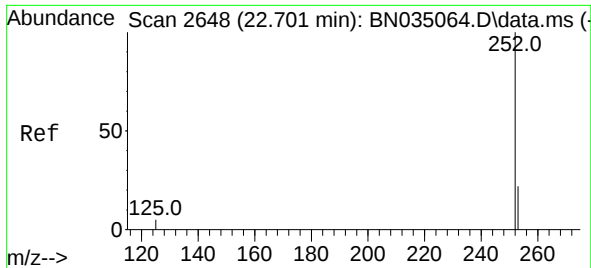
Tgt Ion:276 Resp: 1803107  
 Ion Ratio Lower Upper  
 276 100  
 138 12.6 13.0 19.4#  
 277 23.8 19.8 29.6



#37  
 Benzo(b)fluoranthene  
 Concen: 0.297 ng  
 RT: 22.660 min Scan# 2634  
 Delta R.T. 0.003 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

Tgt Ion:252 Resp: 14661  
 Ion Ratio Lower Upper  
 252 100  
 253 31.1 19.3 28.9#  
 125 24.7 6.2 9.2#





#38

Benzo(k)fluoranthene

Concen: 0.297 ng

RT: 22.660 min Scan# 2634

Delta R.T. -0.041 min

Lab File: BN035084.D

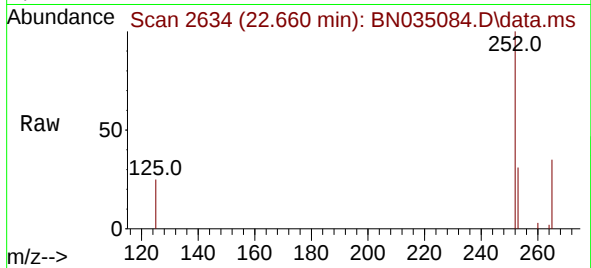
Acq: 14 Nov 2024 11:24

Instrument :

BNA\_N

ClientSampleId :

PT-BNA-SOIL



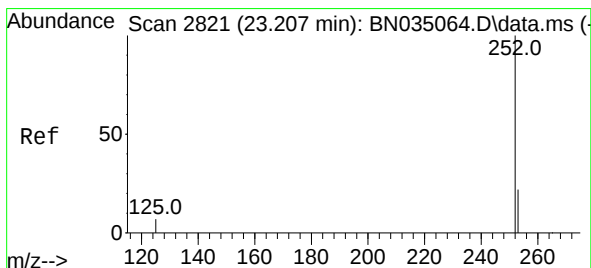
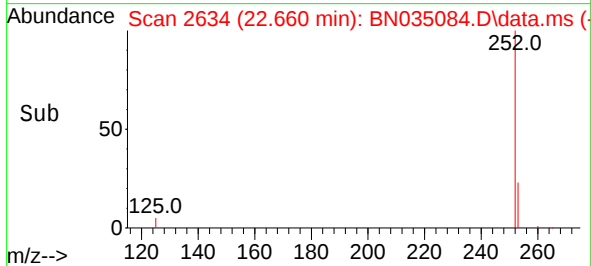
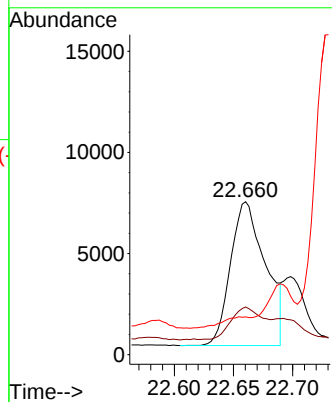
Tgt Ion:252 Resp: 14661

Ion Ratio Lower Upper

252 100

253 31.1 19.5 29.3#

125 24.7 6.5 9.7#



#39

Benzo(a)pyrene

Concen: 0.164 ng

RT: 23.207 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BN035084.D

Acq: 14 Nov 2024 11:24

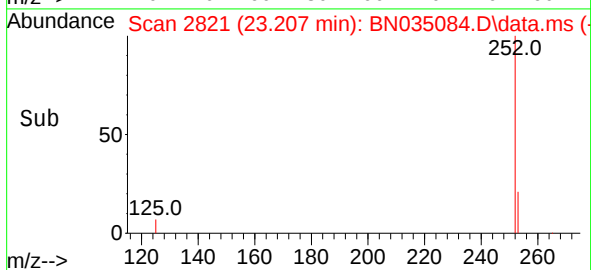
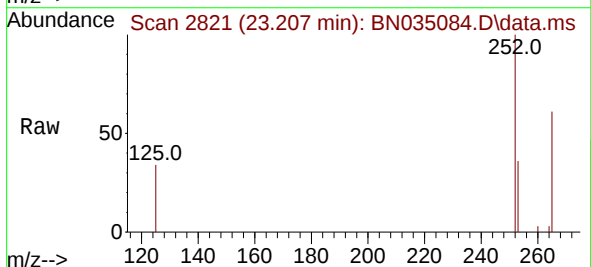
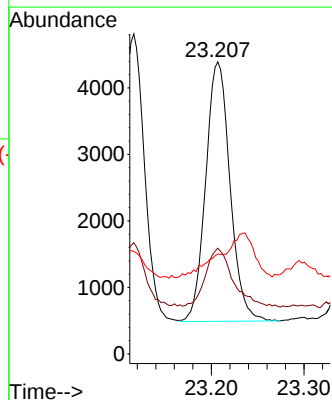
Tgt Ion:252 Resp: 7113

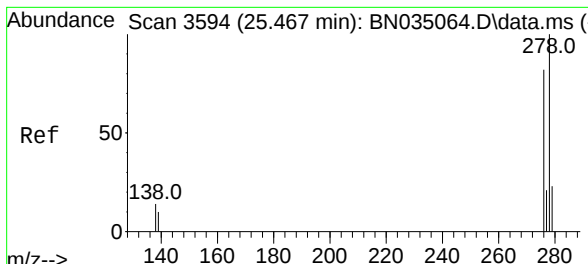
Ion Ratio Lower Upper

252 100

253 36.2 20.1 30.1#

125 34.3 7.5 11.3#

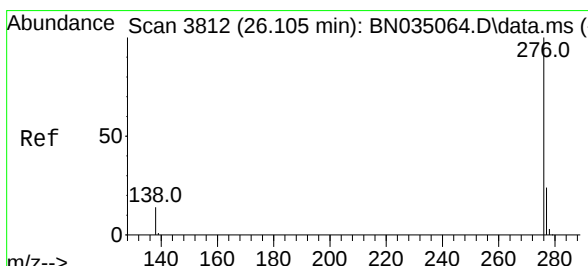
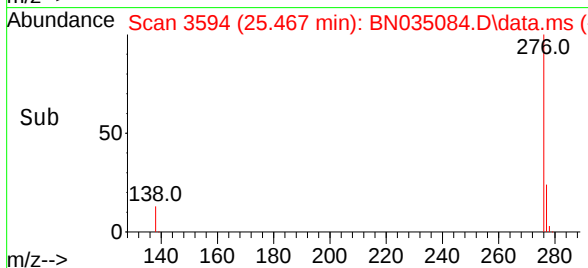
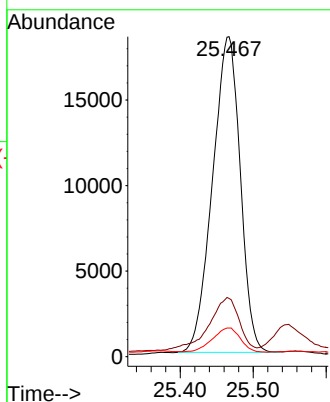
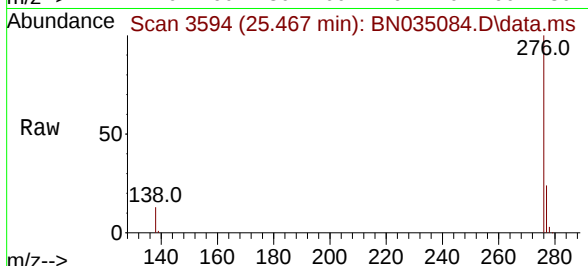




#40  
 Dibenzo(a,h)anthracene  
 Concen: 1.052 ng  
 RT: 25.467 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

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

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 48728 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 18.2  | 9.3   | 13.9# |
| 279       | 9.0   | 19.7  | 29.5# |



#41  
 Benzo(g,h,i)perylene  
 Concen: 0.126 ng  
 RT: 26.104 min Scan# 3812  
 Delta R.T. -0.000 min  
 Lab File: BN035084.D  
 Acq: 14 Nov 2024 11:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 6193  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 27.1  | 19.9  | 29.9  |
| 138       | 22.2  | 11.6  | 17.4# |

