

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052523\  
 Data File : BN025601.D  
 Acq On : 26 May 2023 00:45  
 Operator : CG/JU  
 Sample : 02213-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2023

Quant Time: May 26 02:28:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 26 00:32:23 2023  
 Response via : Initial Calibration

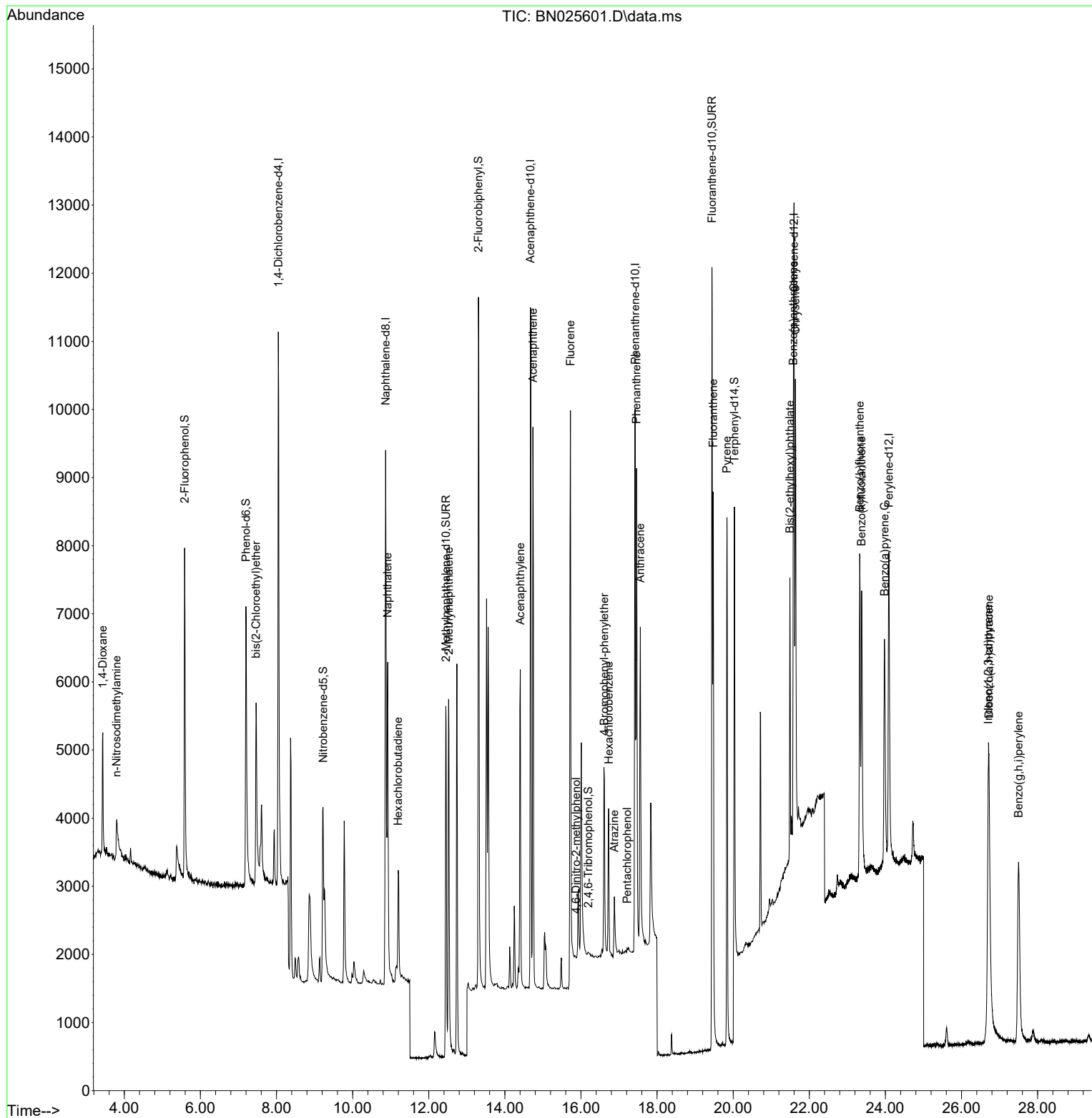
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.048  | 152  | 4410     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.867 | 136  | 11795    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.673 | 164  | 6260     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.423 | 188  | 11771    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.598 | 240  | 7495     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.091 | 264  | 7683     | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.586  | 112  | 4520     | 0.392 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.196  | 99   | 4834     | 0.383 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.223  | 82   | 3261     | 0.368 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.449 | 152  | 8505     | 0.526 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.194 | 330  | 50       | 0.372 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.304 | 172  | 10583    | 0.405 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.443 | 212  | 13928    | 0.543 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.031 | 244  | 6109     | 0.407 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.433  | 88   | 1211     | 0.228 | ng    | 94       |
| 3) n-Nitrosodimethylamine     | 3.794  | 42   | 646      | 0.124 | ng    | # 90     |
| 6) bis(2-Chloroethyl)ether    | 7.463  | 93   | 3938     | 0.264 | ng    | 89       |
| 9) Naphthalene                | 10.921 | 128  | 7130     | 0.221 | ng    | 96       |
| 10) Hexachlorobutadiene       | 11.198 | 225  | 1312     | 0.228 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.525 | 142  | 4442     | 0.208 | ng    | 99       |
| 16) Acenaphthylene            | 14.405 | 152  | 6046     | 0.206 | ng    | 99       |
| 17) Acenaphthene              | 14.737 | 154  | 4220     | 0.218 | ng    | 99       |
| 18) Fluorene                  | 15.722 | 166  | 4992     | 0.211 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.871 | 198  | 28       | 0.336 | ng    | # 24     |
| 21) 4-Bromophenyl-phenylether | 16.616 | 248  | 1357     | 0.202 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.727 | 284  | 1516     | 0.235 | ng    | 98       |
| 23) Atrazine                  | 16.876 | 200  | 1098     | 0.230 | ng    | # 93     |
| 24) Pentachlorophenol         | 17.212 | 266  | 10       | 0.508 | ng    | # 60     |
| 25) Phenanthrene              | 17.460 | 178  | 7805     | 0.216 | ng    | 100      |
| 26) Anthracene                | 17.559 | 178  | 6593     | 0.207 | ng    | 99       |
| 28) Fluoranthene              | 19.473 | 202  | 7794     | 0.208 | ng    | 99       |
| 30) Pyrene                    | 19.835 | 202  | 8017     | 0.216 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.580 | 228  | 6035     | 0.216 | ng    | 99       |
| 33) Chrysene                  | 21.634 | 228  | 6473     | 0.214 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.491 | 149  | 3905     | 0.215 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.702 | 276  | 7756     | 0.237 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.328 | 252  | 6566     | 0.225 | ng    | # 83     |
| 38) Benzo(k)fluoranthene      | 23.375 | 252  | 6435     | 0.216 | ng    | # 81     |
| 39) Benzo(a)pyrene            | 23.977 | 252  | 5683     | 0.203 | ng    | # 68     |
| 40) Dibenzo(a,h)anthracene    | 26.723 | 278  | 5987     | 0.232 | ng    | # 85     |
| 41) Benzo(g,h,i)perylene      | 27.500 | 276  | 7001     | 0.241 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

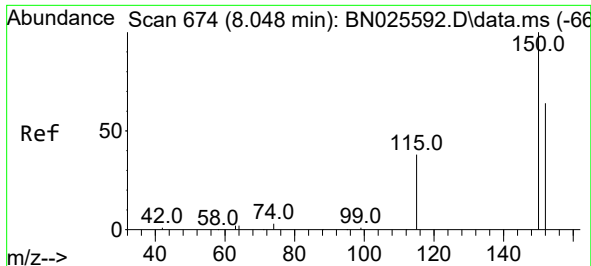
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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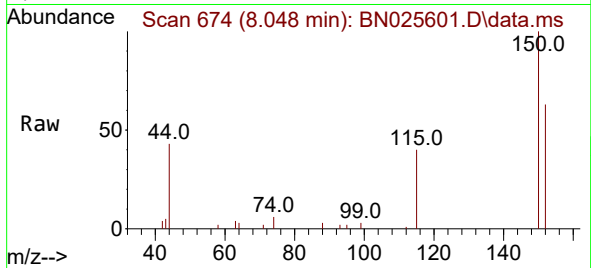
Quant Time: May 26 02:28:18 2023  
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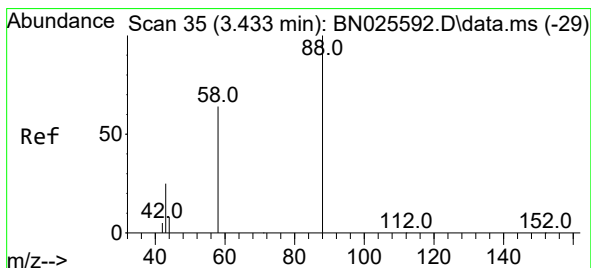
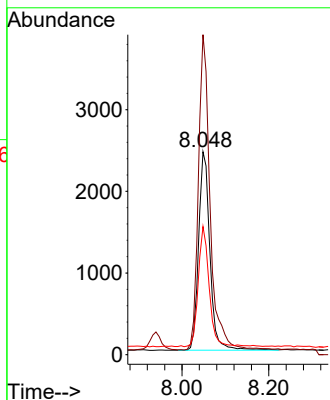
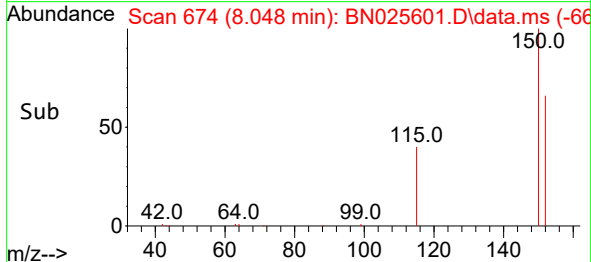


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.048 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN025601.D  
 Acq: 26 May 2023 00:45

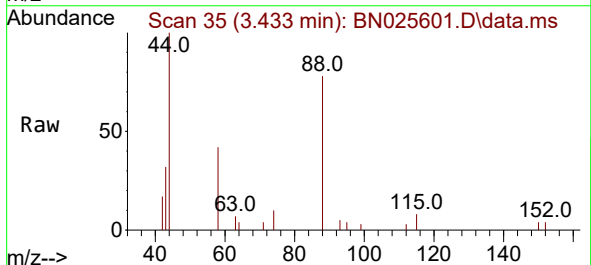
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2023



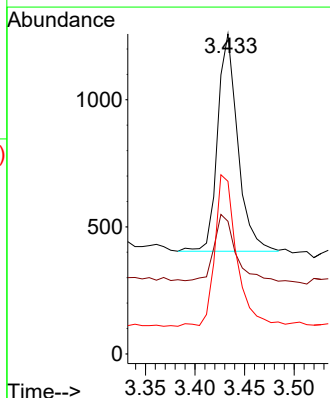
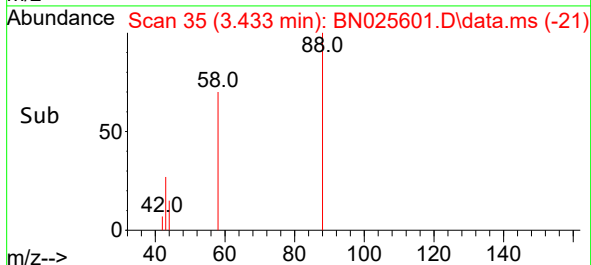
Tgt Ion:152 Resp: 4410  
 Ion Ratio Lower Upper  
 152 100  
 150 157.7 124.6 187.0  
 115 63.2 49.2 73.8

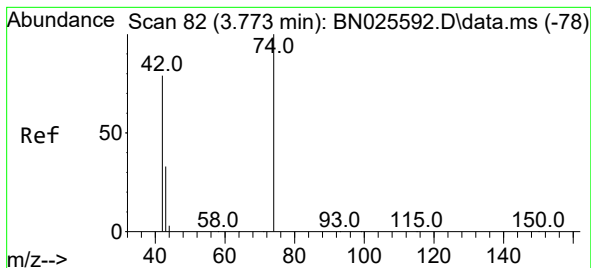


#2  
 1,4-Dioxane  
 Concen: 0.228 ng  
 RT: 3.433 min Scan# 35  
 Delta R.T. -0.000 min  
 Lab File: BN025601.D  
 Acq: 26 May 2023 00:45



Tgt Ion: 88 Resp: 1211  
 Ion Ratio Lower Upper  
 88 100  
 43 32.5 23.5 35.3  
 58 75.8 56.7 85.1





#3

n-Nitrosodimethylamine

Concen: 0.124 ng

RT: 3.794 min Scan# 81

Delta R.T. 0.021 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

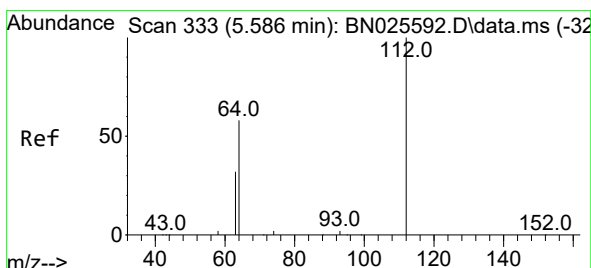
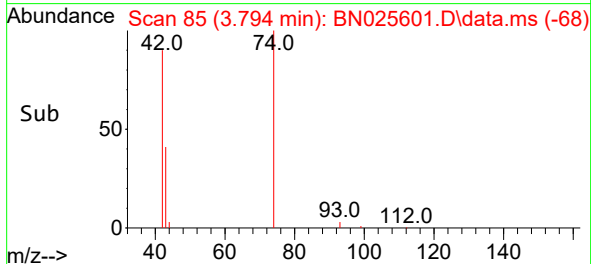
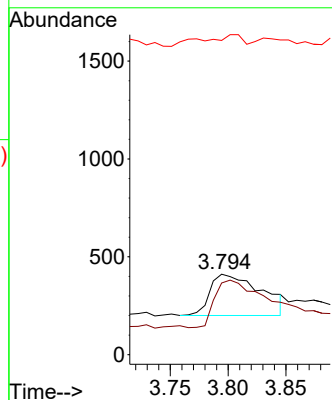
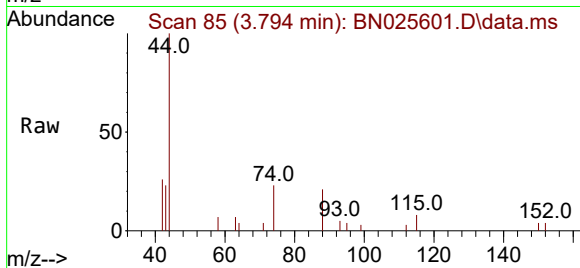
Tgt Ion: 42 Resp: 646

Ion Ratio Lower Upper

42 100

74 110.7 97.6 146.4

44 6.5 8.3 12.5#



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.586 min Scan# 333

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

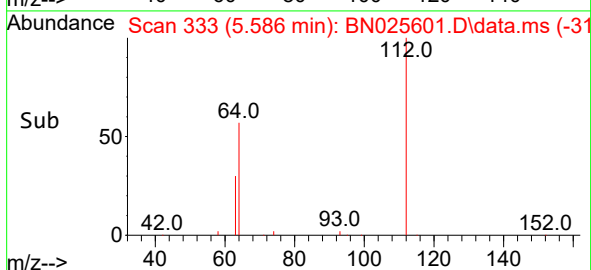
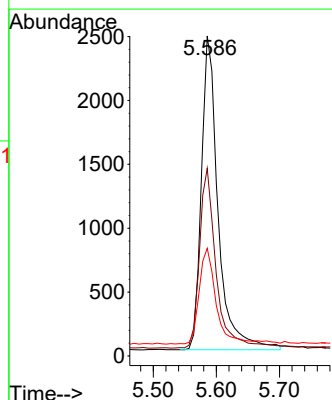
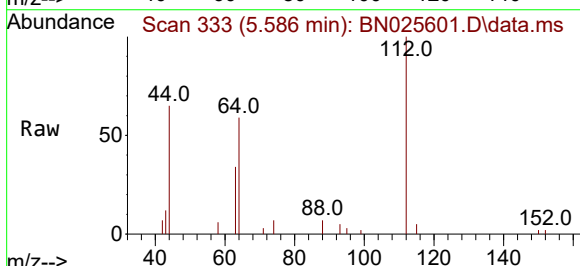
Tgt Ion: 112 Resp: 4520

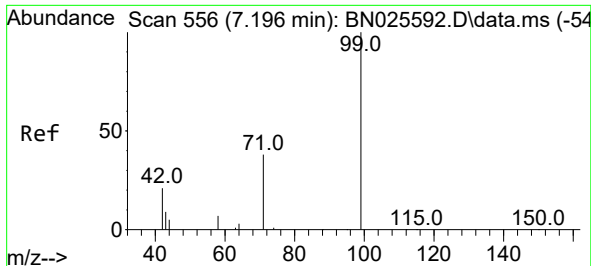
Ion Ratio Lower Upper

112 100

64 57.3 45.3 67.9

63 31.3 25.1 37.7

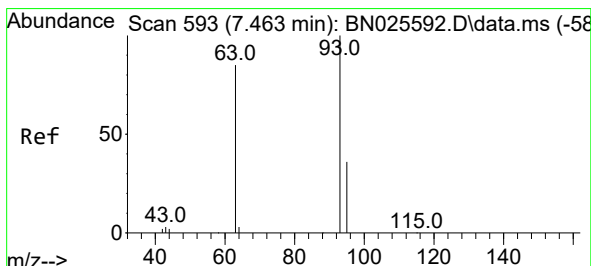
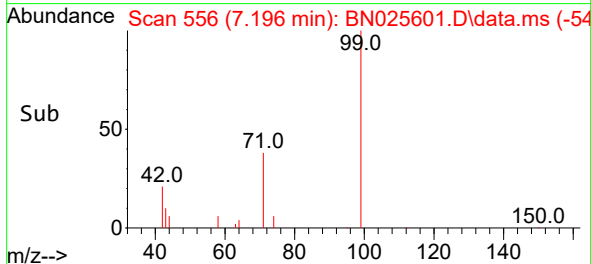
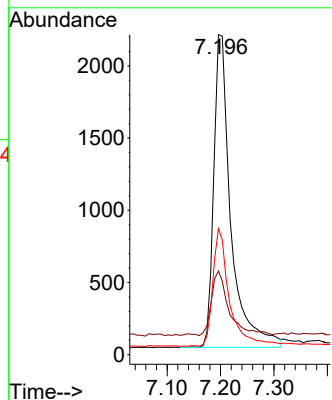
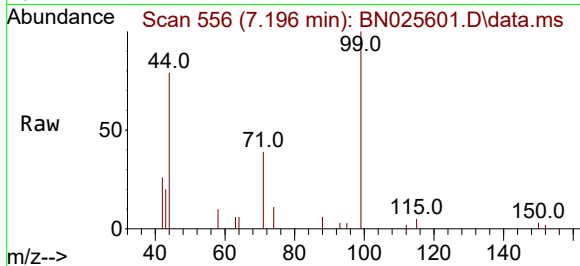




#5  
Phenol-d6  
Concen: 0.383 ng  
RT: 7.196 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

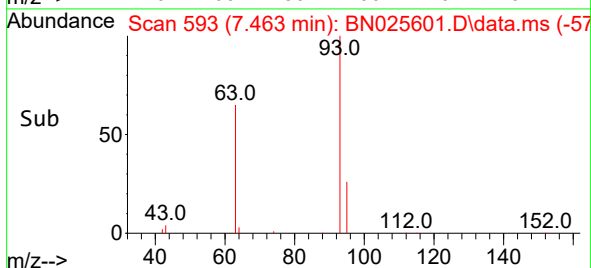
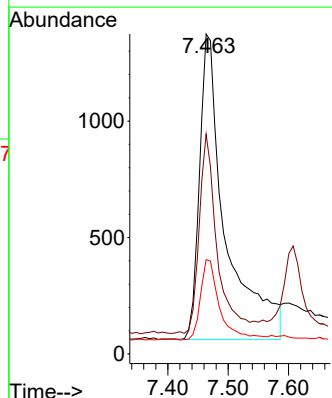
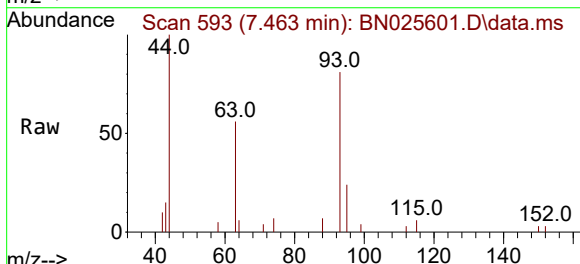
Instrument :  
BNA\_N  
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MDL-SOIL-03-QT2-2023

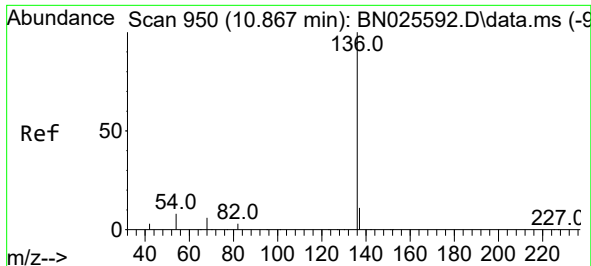
Tgt Ion: 99 Resp: 4834  
Ion Ratio Lower Upper  
99 100  
42 21.3 16.9 25.3  
71 36.7 29.6 44.4



#6  
bis(2-Chloroethyl)ether  
Concen: 0.264 ng  
RT: 7.463 min Scan# 593  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion: 93 Resp: 3938  
Ion Ratio Lower Upper  
93 100  
63 45.9 43.4 65.2  
95 19.6 19.5 29.3

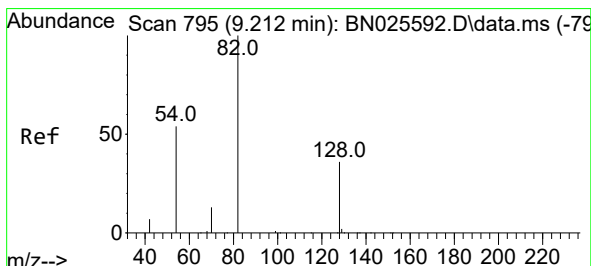
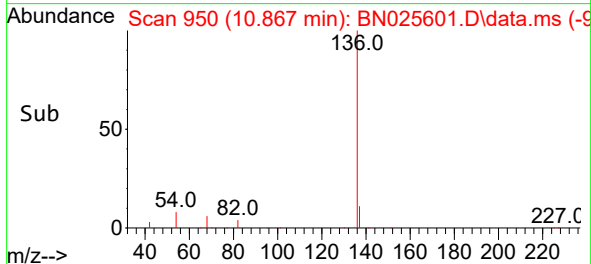
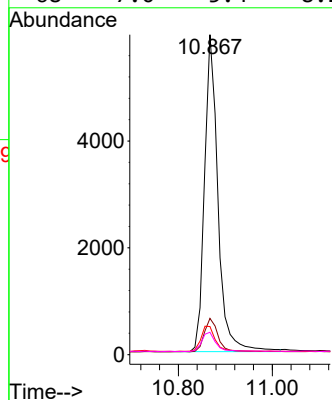
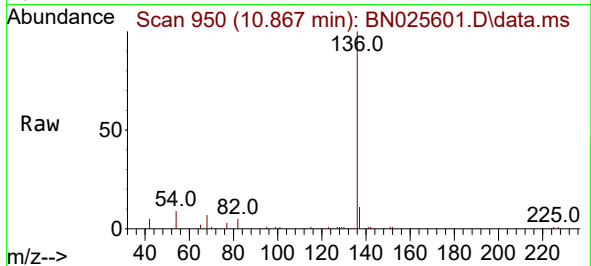




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.867 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

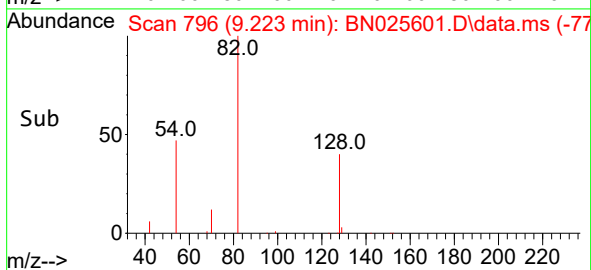
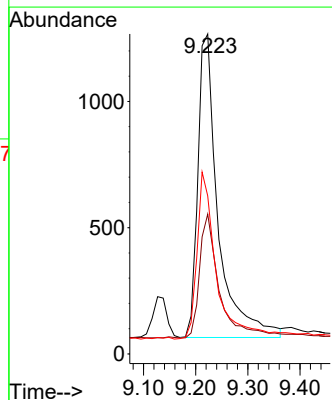
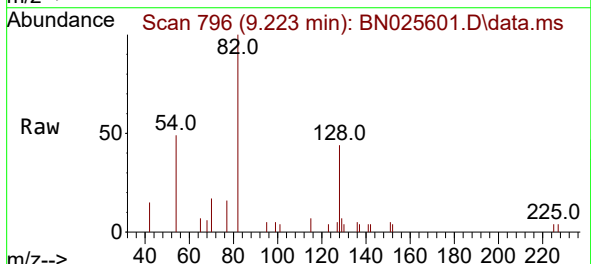
Instrument :  
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MDL-SOIL-03-QT2-2023

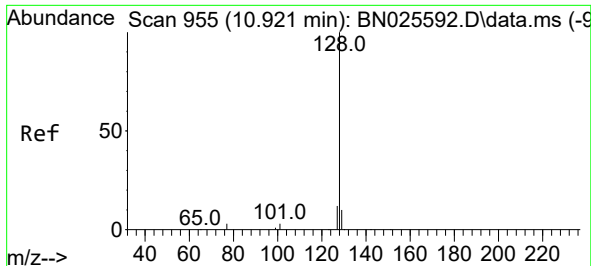
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11795 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 8.8   | 6.8   | 10.2  |
| 68       | 7.0   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.368 ng  
RT: 9.223 min Scan# 796  
Delta R.T. 0.011 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3261  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.7  | 30.5  | 45.7  |
| 54       | 49.4  | 44.1  | 66.1  |

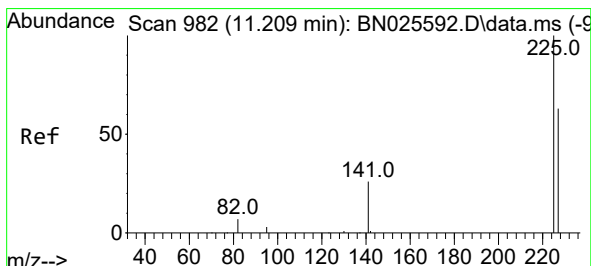
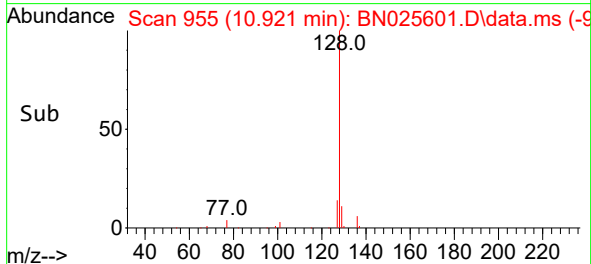
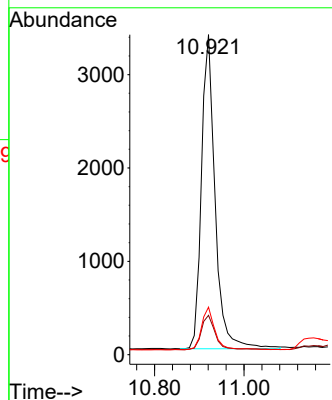
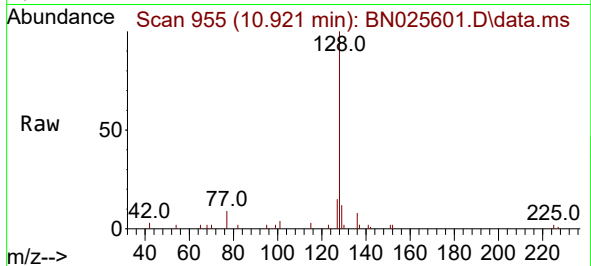




#9  
Naphthalene  
Concen: 0.221 ng  
RT: 10.921 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

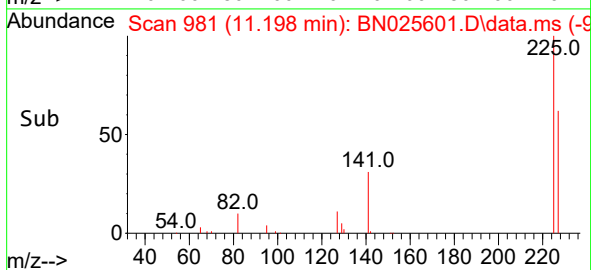
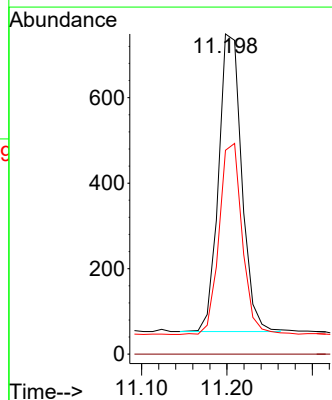
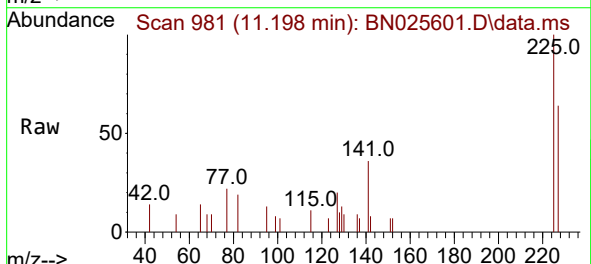
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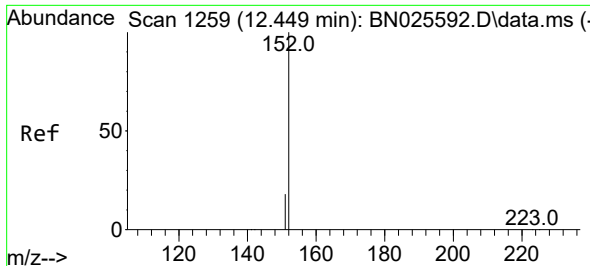
Tgt Ion:128 Resp: 7130  
Ion Ratio Lower Upper  
128 100  
129 12.3 8.8 13.2  
127 14.8 10.3 15.5



#10  
Hexachlorobutadiene  
Concen: 0.228 ng  
RT: 11.198 min Scan# 981  
Delta R.T. -0.011 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:225 Resp: 1312  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.1 50.0 75.0

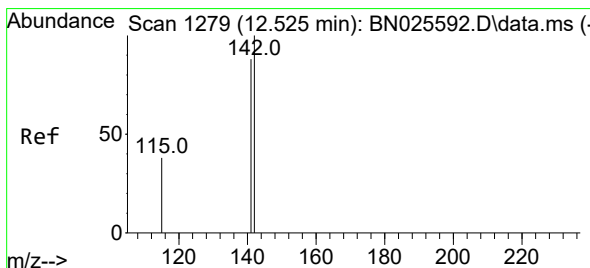
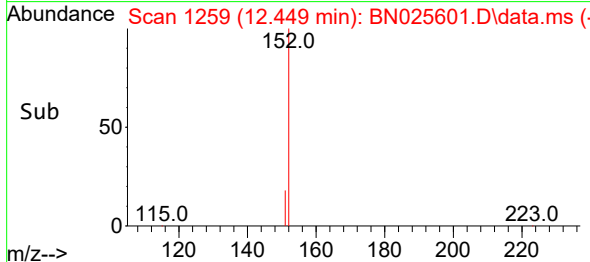
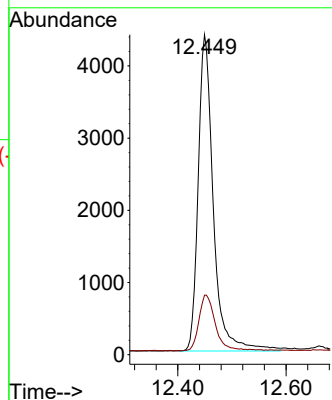
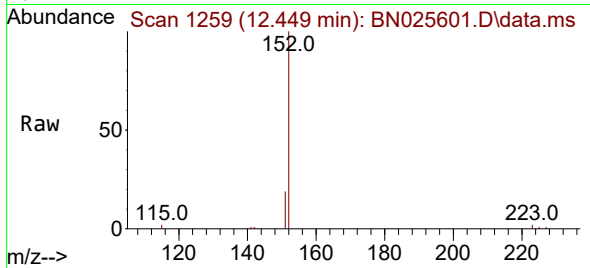




#11  
2-Methylnaphthalene-d10  
Concen: 0.526 ng  
RT: 12.449 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

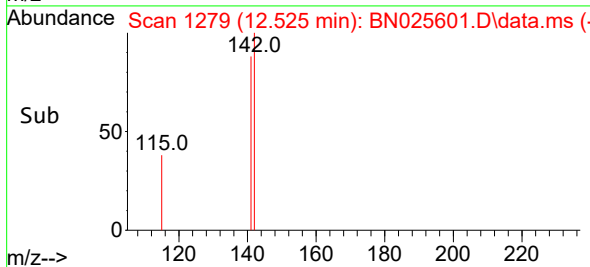
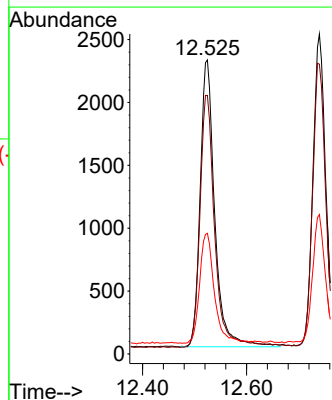
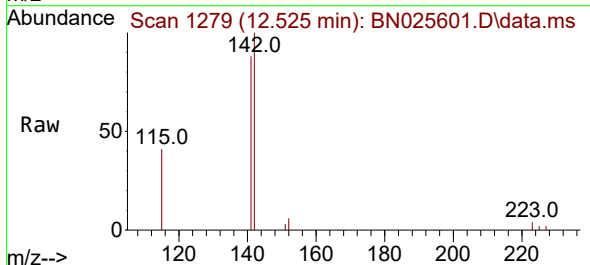
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

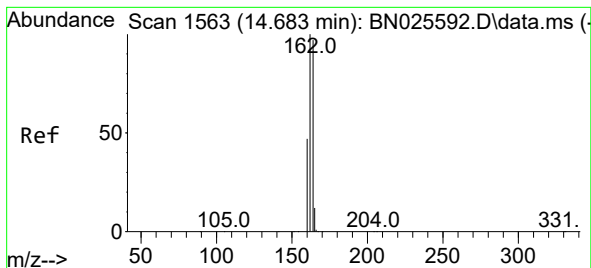
Tgt Ion:152 Resp: 8505  
Ion Ratio Lower Upper  
152 100  
151 18.8 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.208 ng  
RT: 12.525 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:142 Resp: 4442  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.2 105.4  
115 41.0 31.1 46.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.673 min Scan# 1562

Delta R.T. -0.010 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

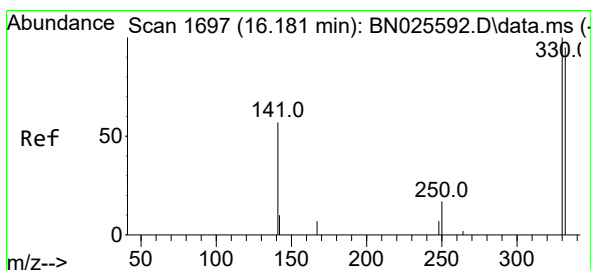
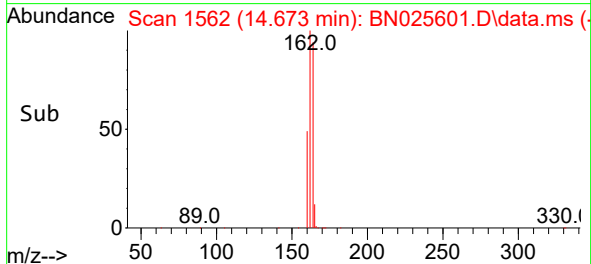
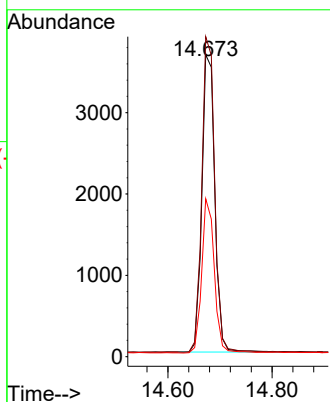
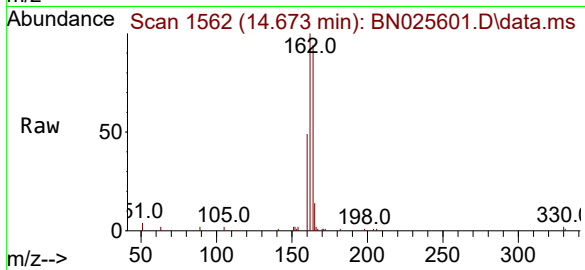
Tgt Ion:164 Resp: 6260

Ion Ratio Lower Upper

164 100

162 106.0 82.7 124.1

160 52.3 38.8 58.2



#14

2,4,6-Tribromophenol

Concen: 0.372 ng

RT: 16.194 min Scan# 1698

Delta R.T. 0.013 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

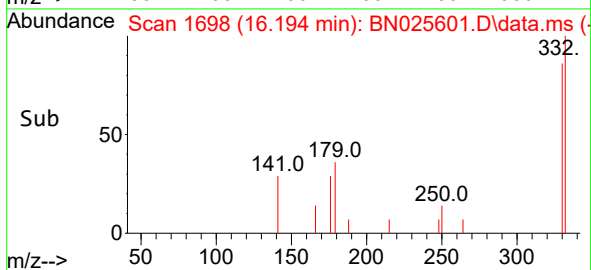
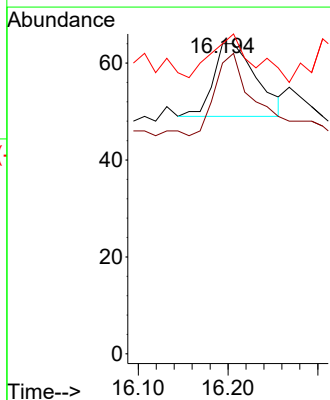
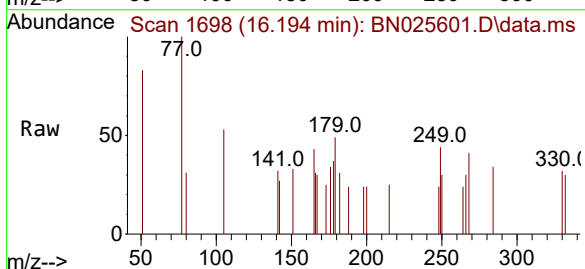
Tgt Ion:330 Resp: 50

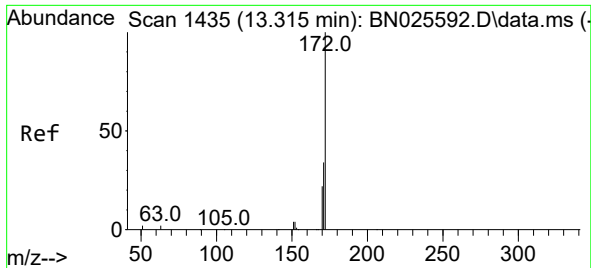
Ion Ratio Lower Upper

330 100

332 106.0 78.5 117.7

141 66.0 50.9 76.3

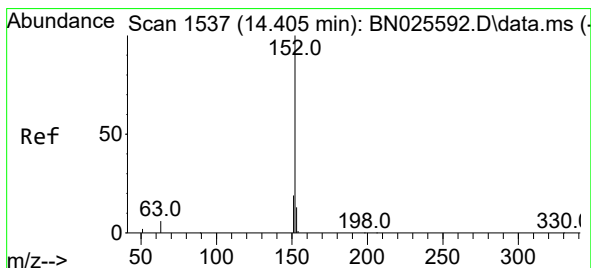
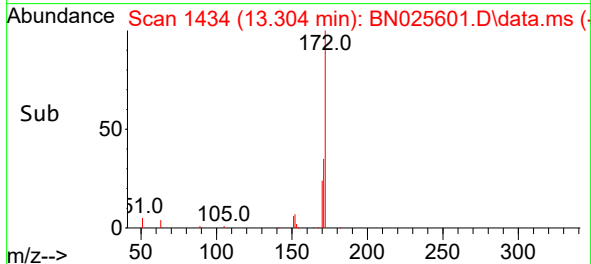
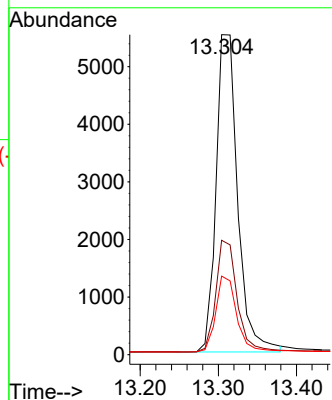
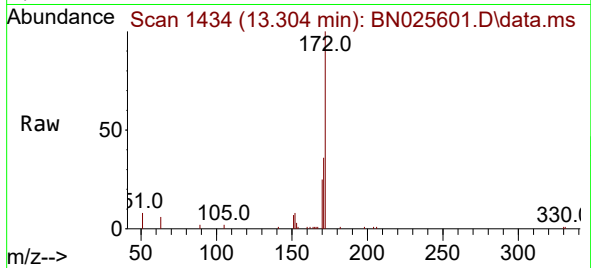




#15  
2-Fluorobiphenyl  
Concen: 0.405 ng  
RT: 13.304 min Scan# 1434  
Delta R.T. -0.011 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

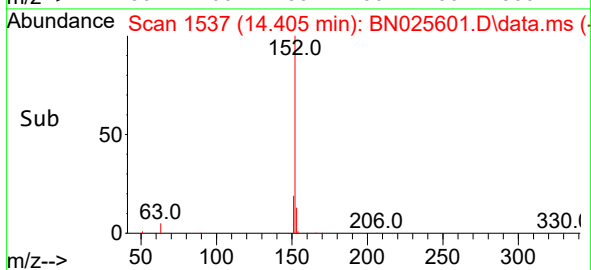
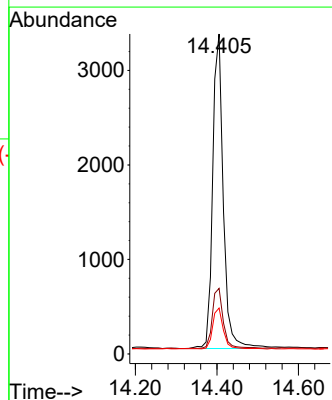
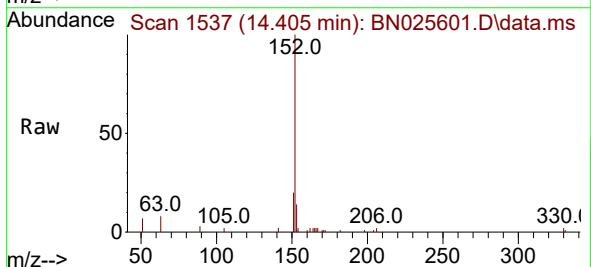
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

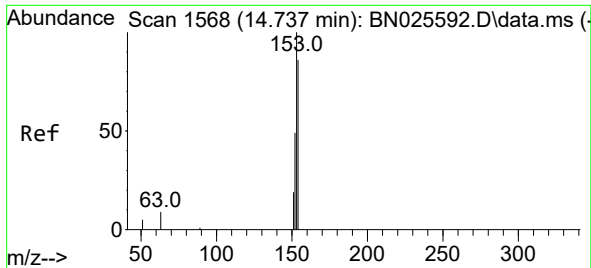
Tgt Ion:172 Resp: 10583  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.2 40.8  
170 24.5 17.9 26.9



#16  
Acenaphthylene  
Concen: 0.206 ng  
RT: 14.405 min Scan# 1537  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:152 Resp: 6046  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.5 23.3  
153 13.3 10.5 15.7

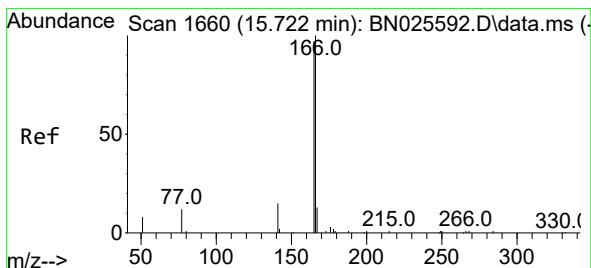
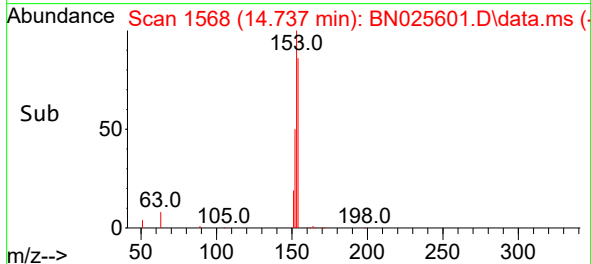
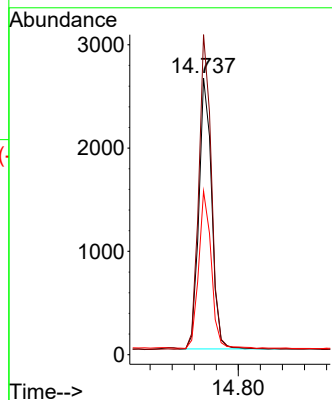
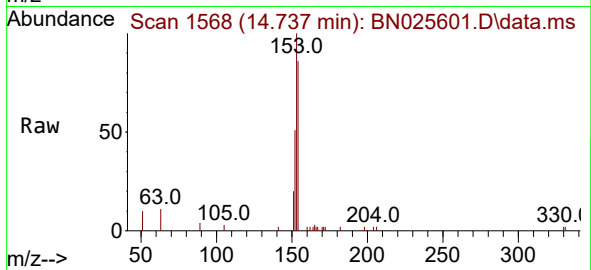




#17  
Acenaphthene  
Concen: 0.218 ng  
RT: 14.737 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

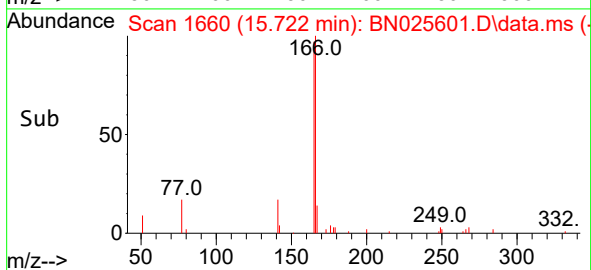
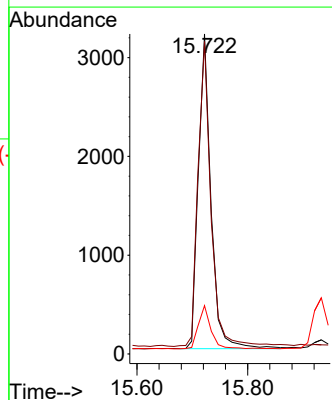
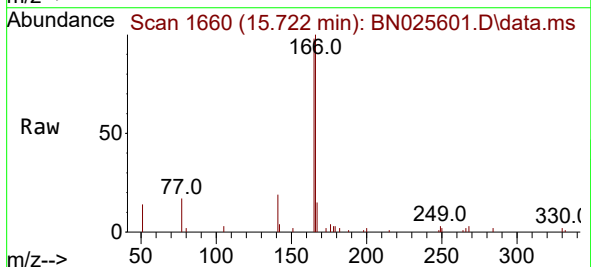
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

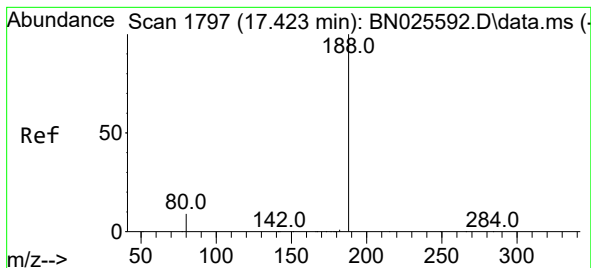
Tgt Ion:154 Resp: 4220  
Ion Ratio Lower Upper  
154 100  
153 115.1 91.4 137.0  
152 56.8 45.0 67.4



#18  
Fluorene  
Concen: 0.211 ng  
RT: 15.722 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:166 Resp: 4992  
Ion Ratio Lower Upper  
166 100  
165 97.8 81.0 121.4  
167 13.8 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.423 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

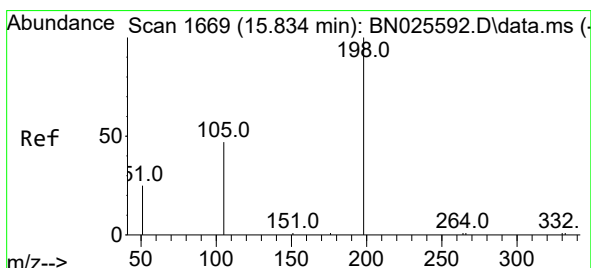
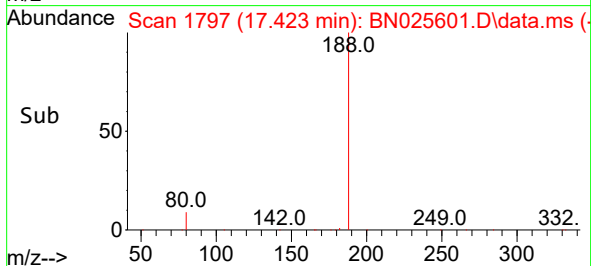
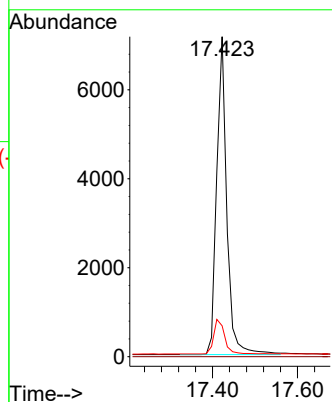
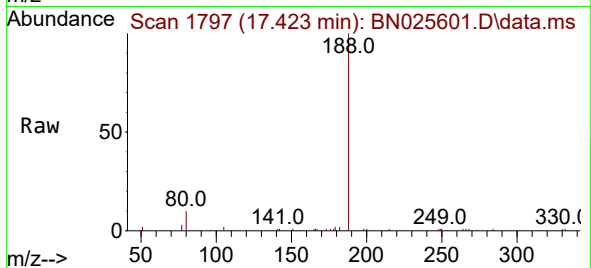
Tgt Ion:188 Resp: 11771

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.5 11.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.336 ng

RT: 15.871 min Scan# 1672

Delta R.T. 0.037 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

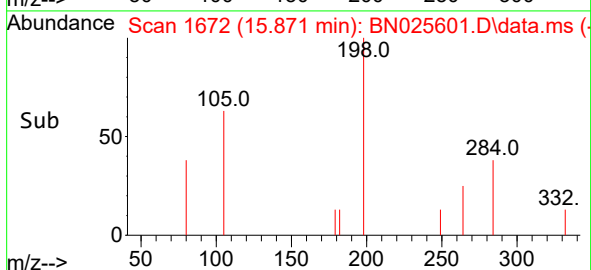
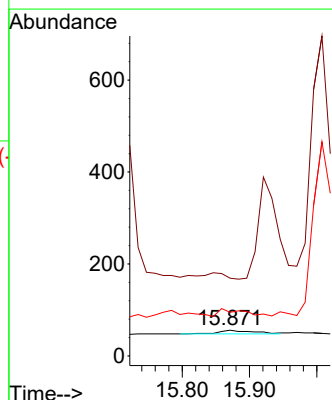
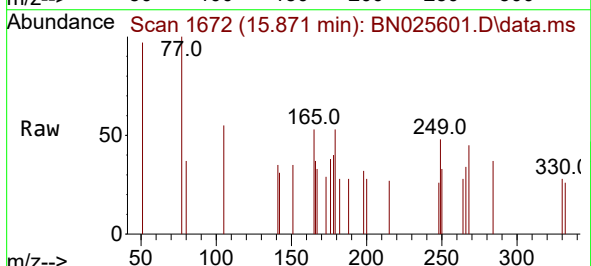
Tgt Ion:198 Resp: 28

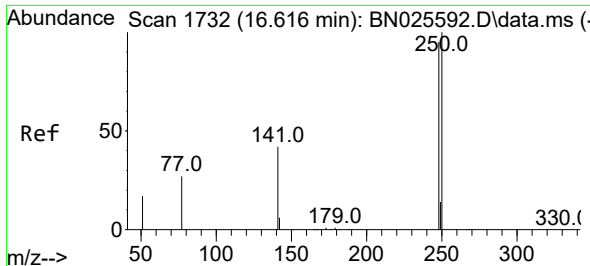
Ion Ratio Lower Upper

198 100

51 301.8 139.5 209.3#

105 169.6 91.2 136.8#

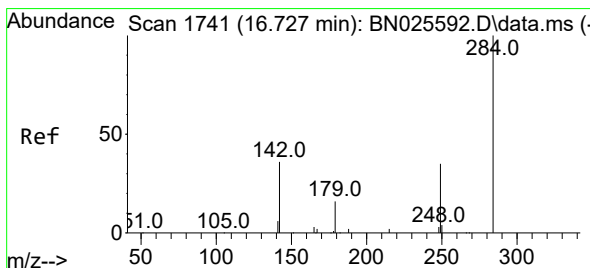
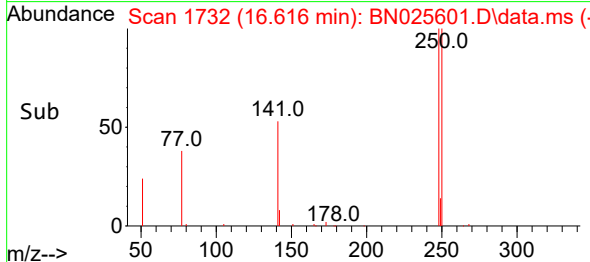
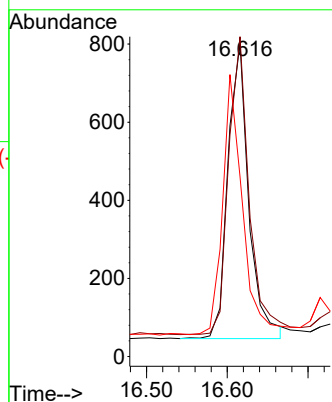
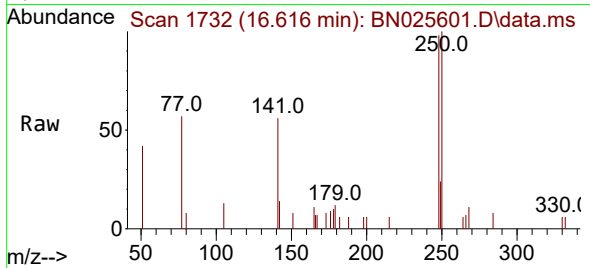




#21  
4-Bromophenyl-phenylether  
Concen: 0.202 ng  
RT: 16.616 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

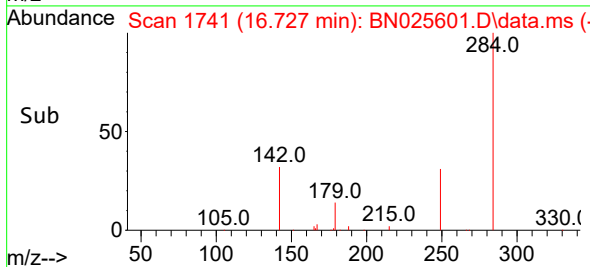
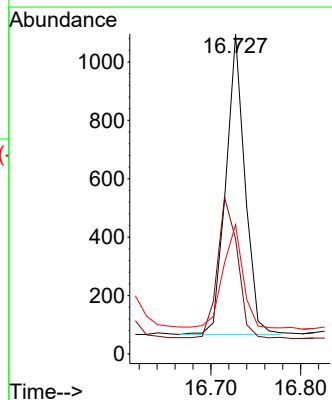
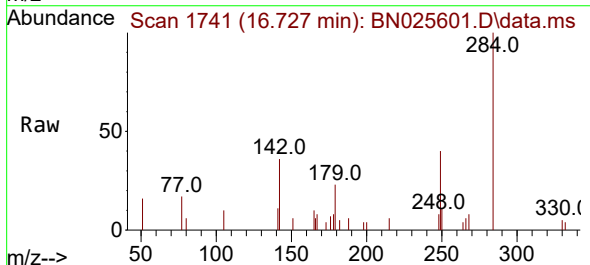
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

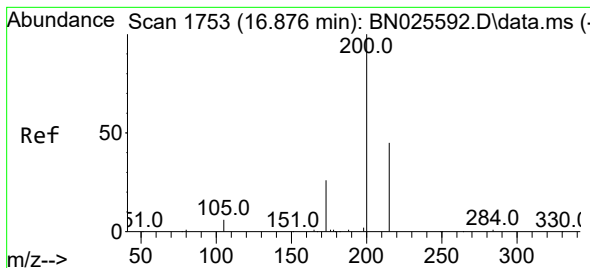
Tgt Ion:248 Resp: 1357  
Ion Ratio Lower Upper  
248 100  
250 102.0 84.7 127.1  
141 57.3 36.5 54.7#



#22  
Hexachlorobenzene  
Concen: 0.235 ng  
RT: 16.727 min Scan# 1741  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:284 Resp: 1516  
Ion Ratio Lower Upper  
284 100  
142 49.1 41.2 61.8  
249 35.8 28.7 43.1





#23

Atrazine

Concen: 0.230 ng

RT: 16.876 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

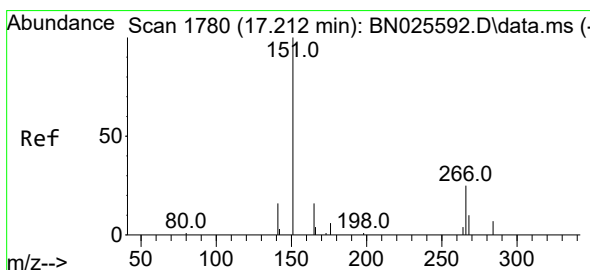
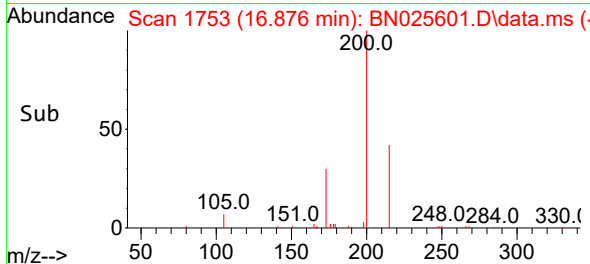
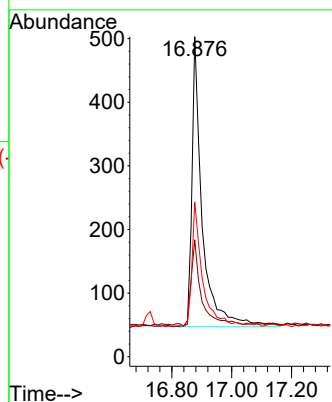
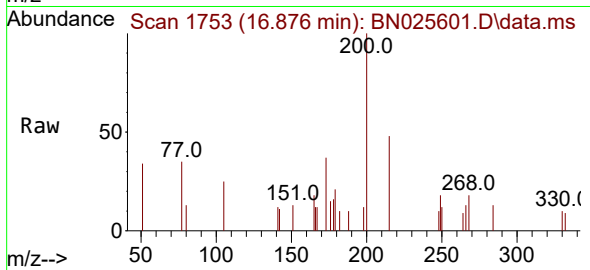
Tgt Ion:200 Resp: 1098

Ion Ratio Lower Upper

200 100

173 36.6 23.3 34.9#

215 48.3 37.5 56.3



#24

Pentachlorophenol

Concen: 0.508 ng

RT: 17.212 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

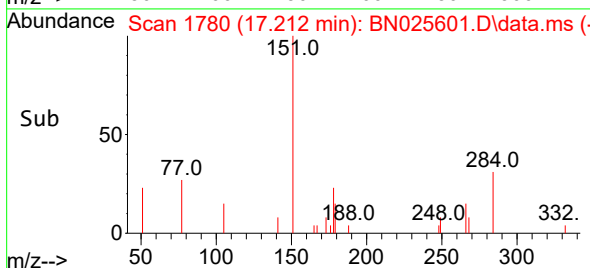
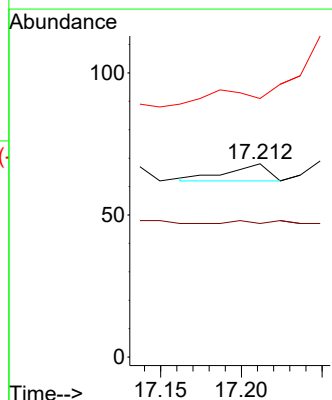
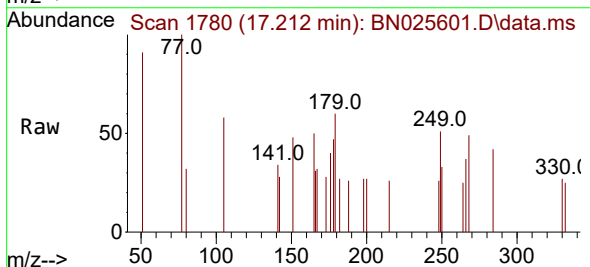
Tgt Ion:266 Resp: 10

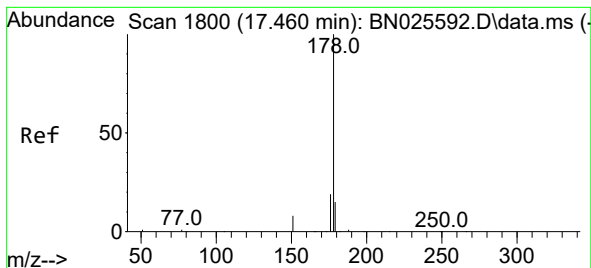
Ion Ratio Lower Upper

266 100

264 10.0 17.5 26.3#

268 0.0 21.4 32.0#





#25

Phenanthrene

Concen: 0.216 ng

RT: 17.460 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

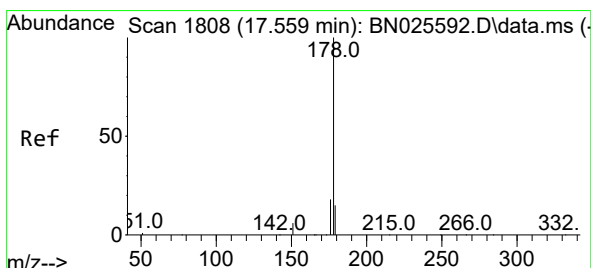
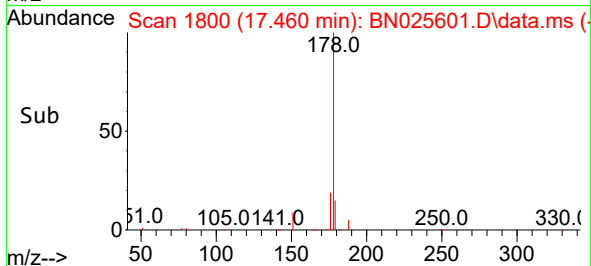
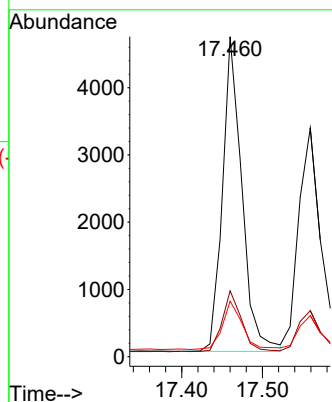
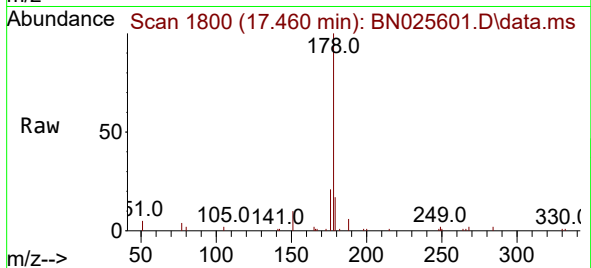
Tgt Ion:178 Resp: 7805

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.3 18.5



#26

Anthracene

Concen: 0.207 ng

RT: 17.559 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

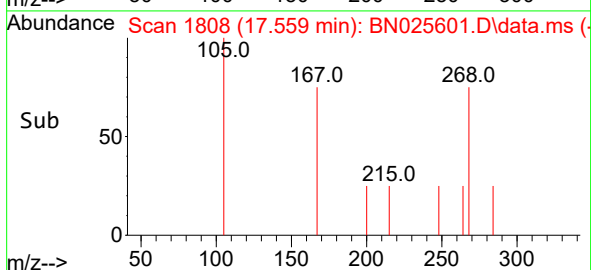
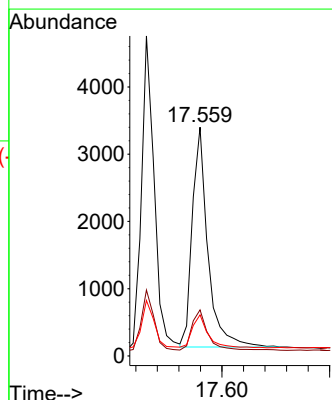
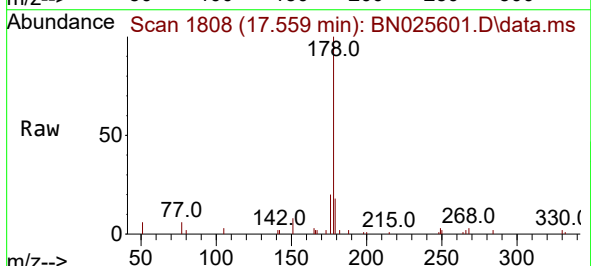
Tgt Ion:178 Resp: 6593

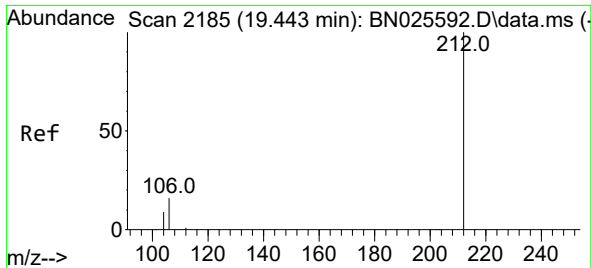
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.2 12.0 18.0

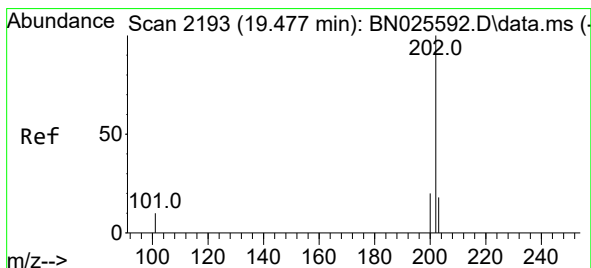
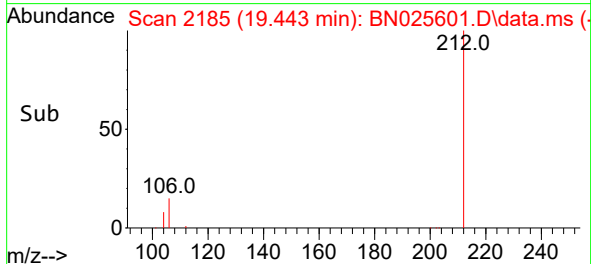
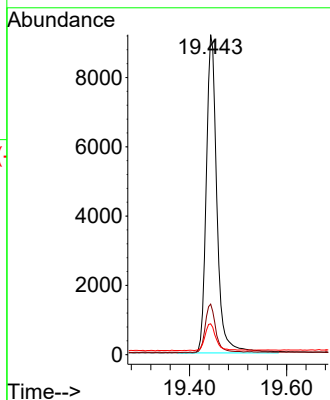
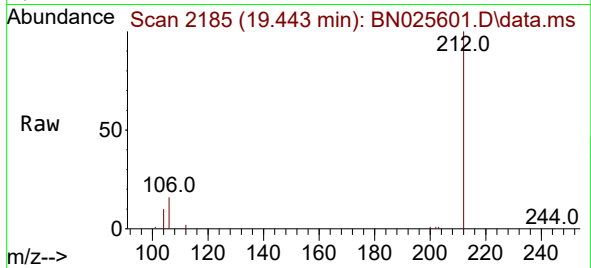




#27  
Fluoranthene-d10  
Concen: 0.543 ng  
RT: 19.443 min Scan# 2185  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

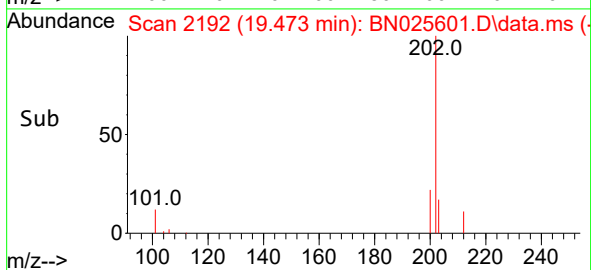
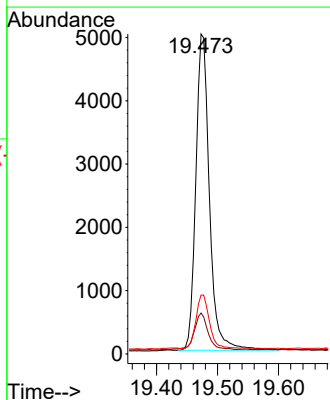
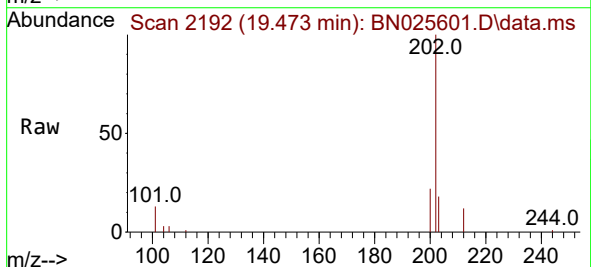
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

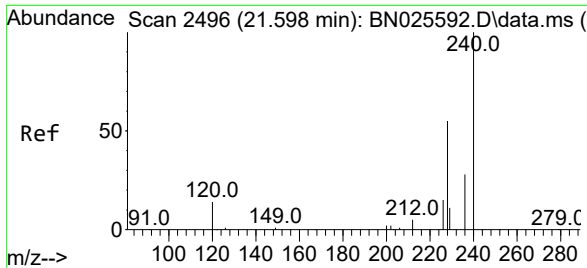
Tgt Ion:212 Resp: 13928  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.2 18.4  
104 8.6 7.0 10.6



#28  
Fluoranthene  
Concen: 0.208 ng  
RT: 19.473 min Scan# 2192  
Delta R.T. -0.004 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:202 Resp: 7794  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.1 13.7  
203 16.8 13.6 20.4

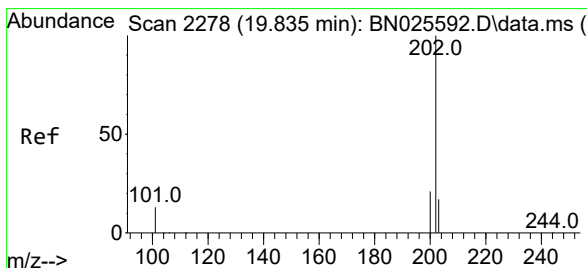
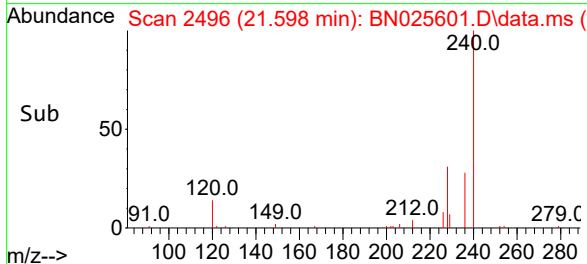
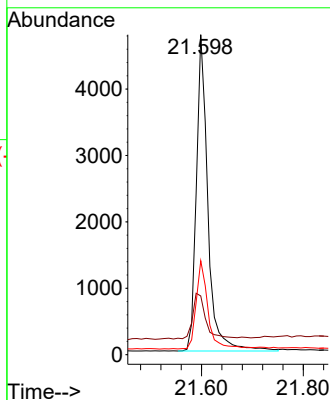
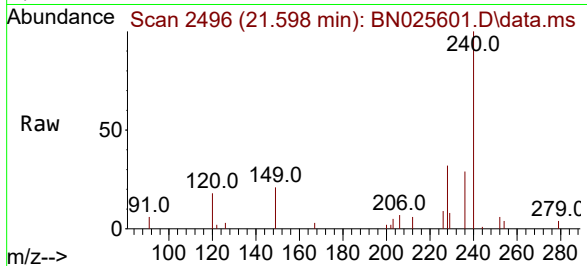




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.598 min Scan# 2496  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

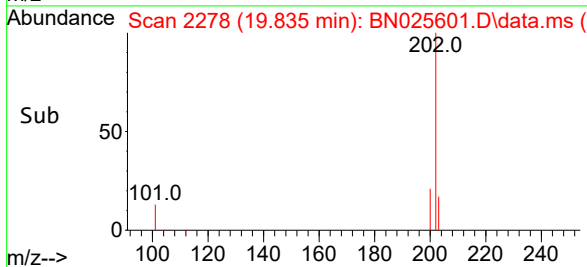
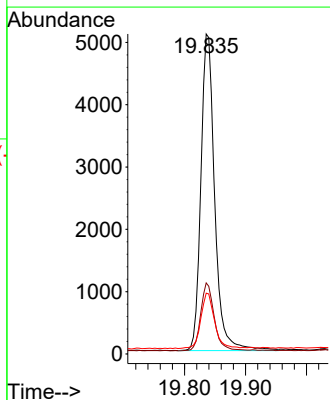
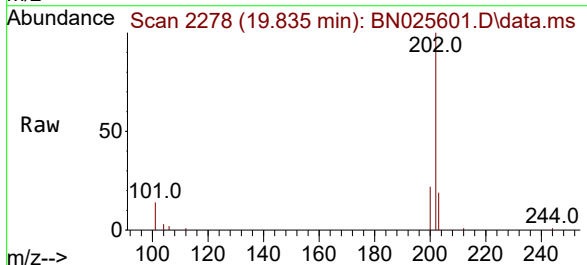
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-SOIL-03-QT2-2023

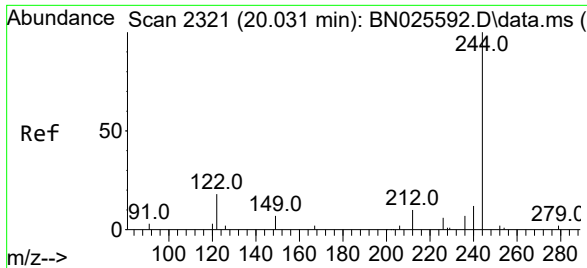
Tgt Ion:240 Resp: 7495  
Ion Ratio Lower Upper  
240 100  
120 18.3 14.2 21.2  
236 29.3 23.8 35.6



#30  
Pyrene  
Concen: 0.216 ng  
RT: 19.835 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: BN025601.D  
Acq: 26 May 2023 00:45

Tgt Ion:202 Resp: 8017  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.8 25.2  
203 17.4 13.9 20.9





#31

Terphenyl-d14

Concen: 0.407 ng

RT: 20.031 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

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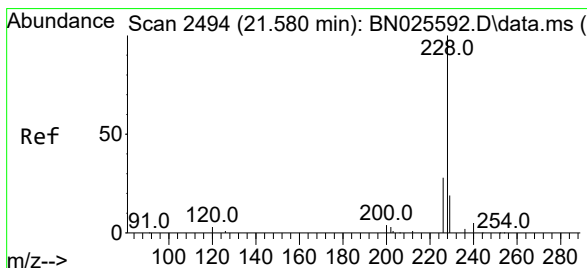
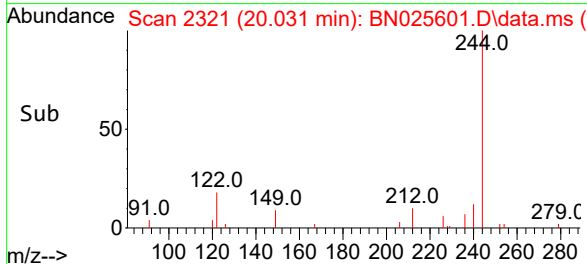
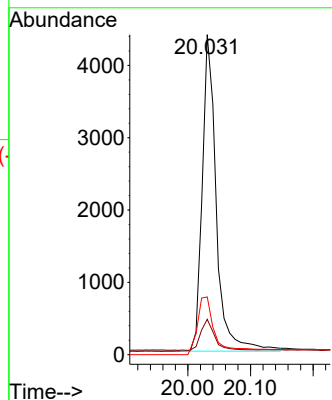
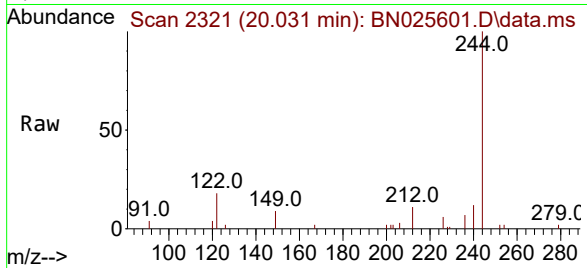
Tgt Ion:244 Resp: 6109

Ion Ratio Lower Upper

244 100

212 11.1 8.6 12.8

122 18.1 14.2 21.2



#32

Benzo(a)anthracene

Concen: 0.216 ng

RT: 21.580 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

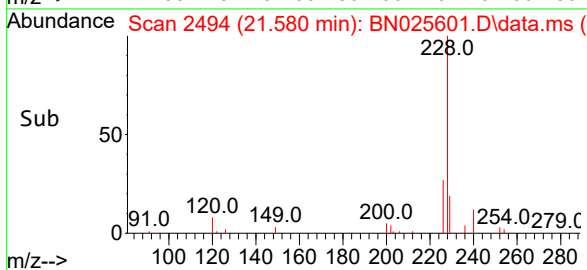
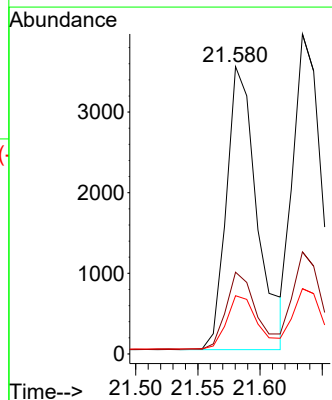
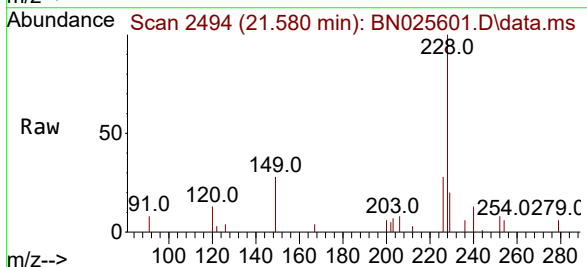
Tgt Ion:228 Resp: 6035

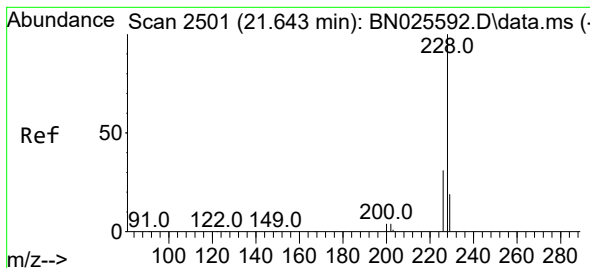
Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

229 20.3 15.7 23.5





#33

Chrysene

Concen: 0.214 ng

RT: 21.634 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

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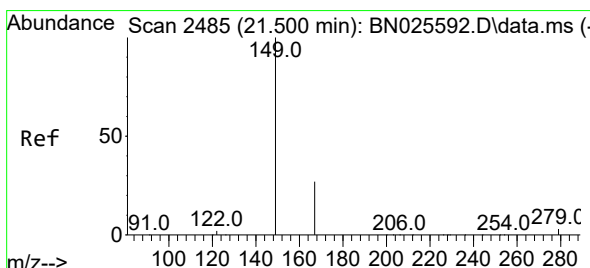
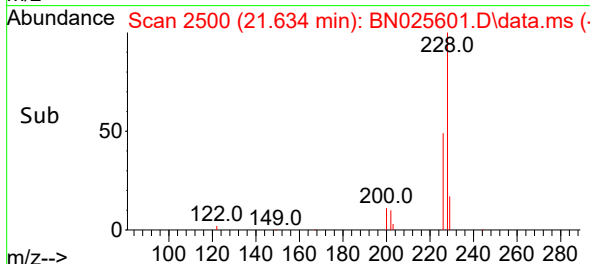
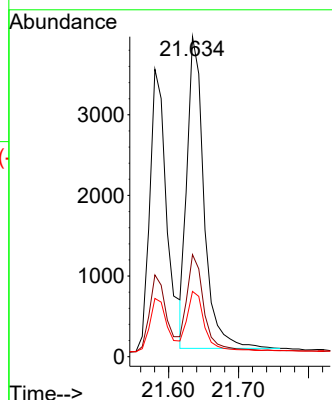
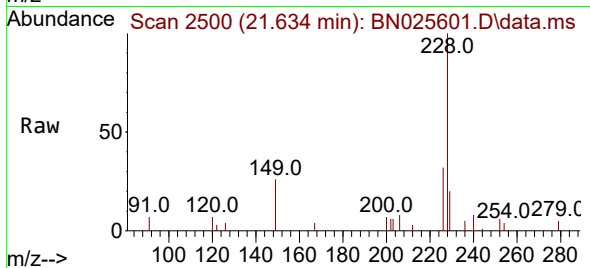
Tgt Ion:228 Resp: 6473

Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

229 20.4 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.215 ng

RT: 21.491 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

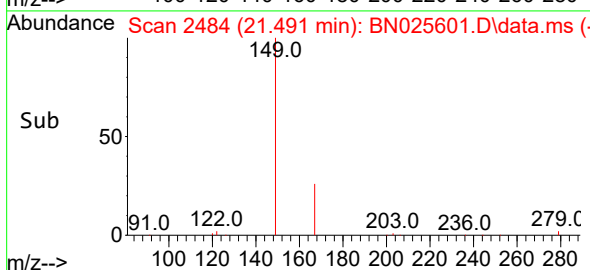
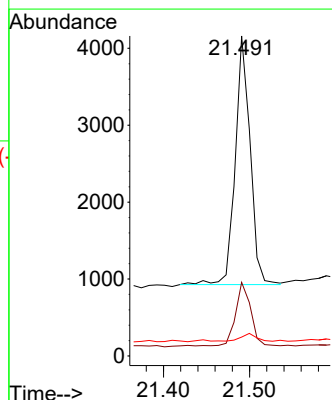
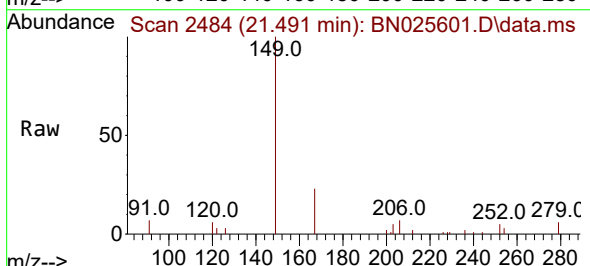
Tgt Ion:149 Resp: 3905

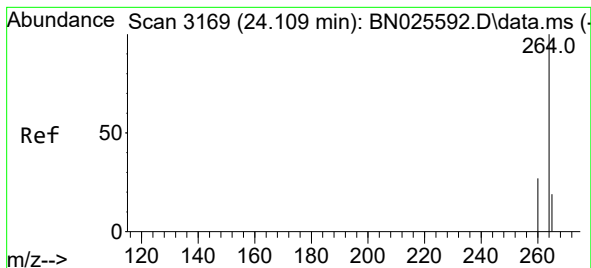
Ion Ratio Lower Upper

149 100

167 25.4 21.2 31.8

279 3.2 2.4 3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.091 min Scan# 31

Delta R.T. -0.018 min

Lab File: BN025601.D

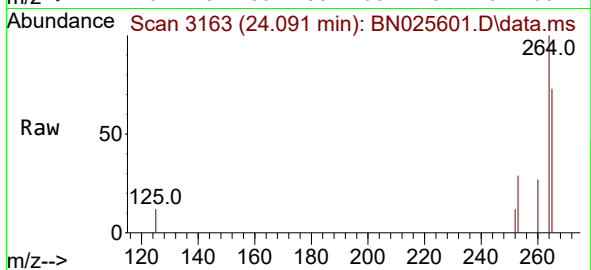
Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

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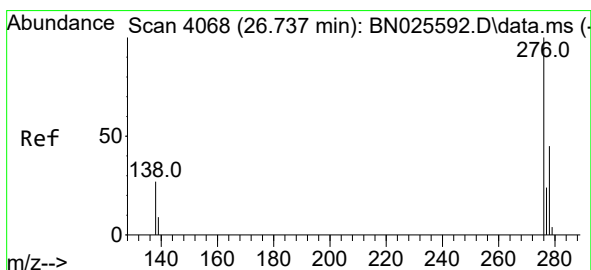
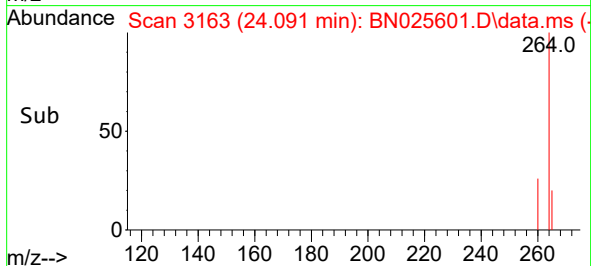
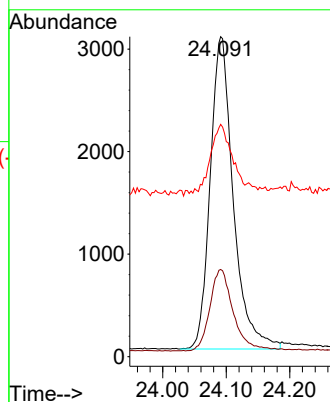
Tgt Ion:264 Resp: 7683

Ion Ratio Lower Upper

264 100

260 27.2 22.2 33.4

265 72.6 52.7 79.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng

RT: 26.702 min Scan# 4056

Delta R.T. -0.035 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

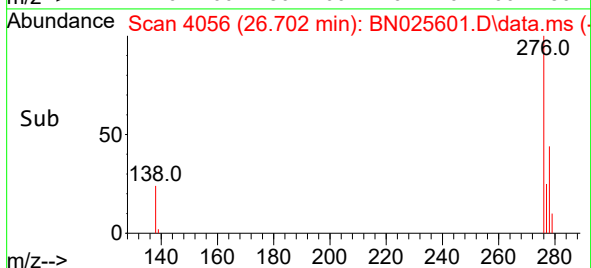
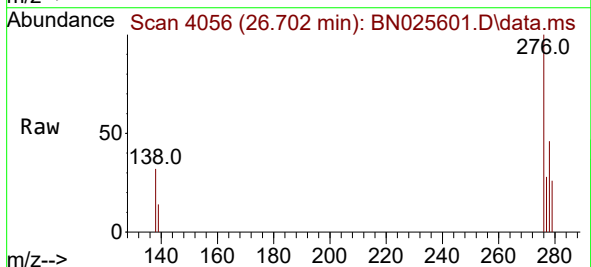
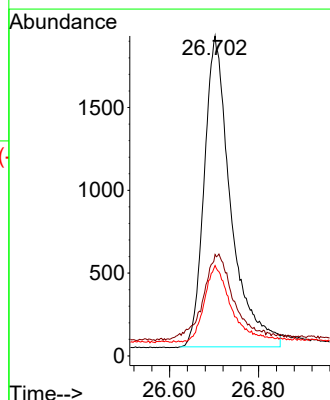
Tgt Ion:276 Resp: 7756

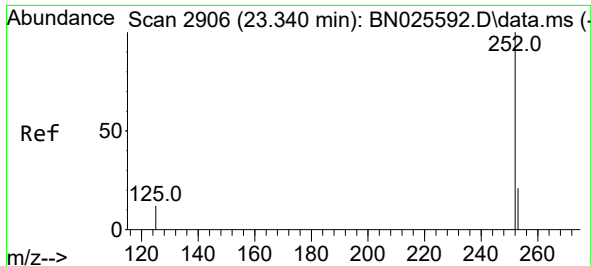
Ion Ratio Lower Upper

276 100

138 27.0 23.7 35.5

277 24.0 19.0 28.4





#37

Benzo(b)fluoranthene

Concen: 0.225 ng

RT: 23.328 min Scan# 2902

Delta R.T. -0.012 min

Lab File: BN025601.D

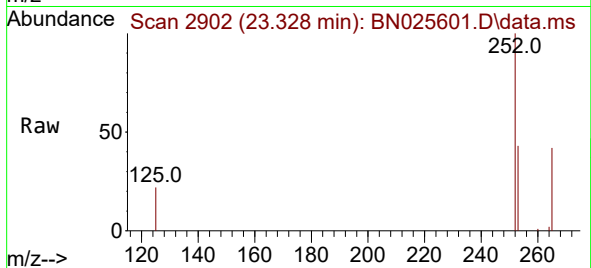
Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

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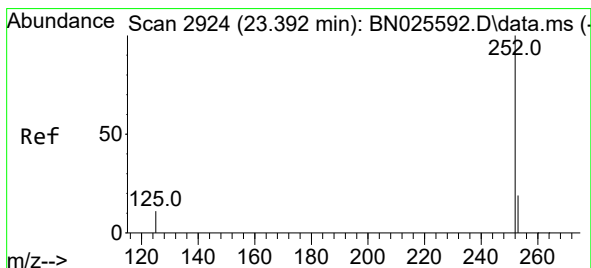
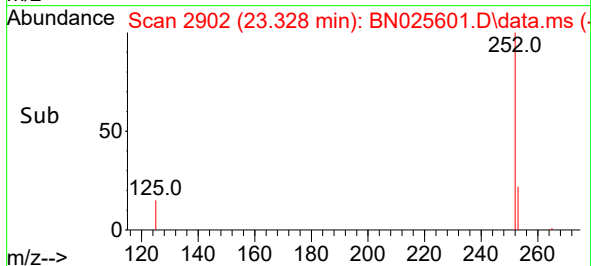
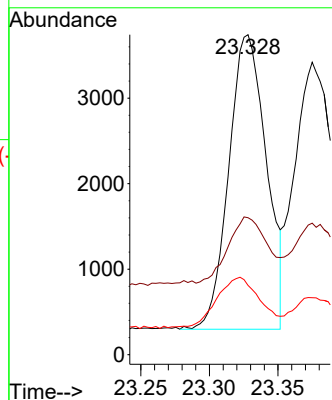
Tgt Ion:252 Resp: 6566

Ion Ratio Lower Upper

252 100

253 42.8 25.8 38.6#

125 21.7 13.1 19.7#



#38

Benzo(k)fluoranthene

Concen: 0.216 ng

RT: 23.375 min Scan# 2918

Delta R.T. -0.018 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

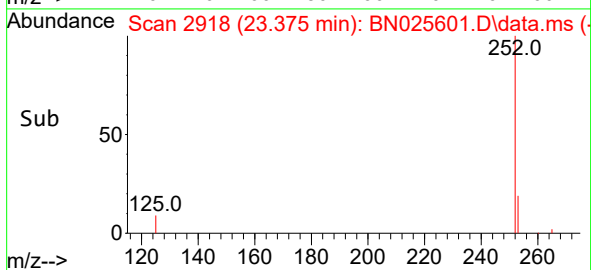
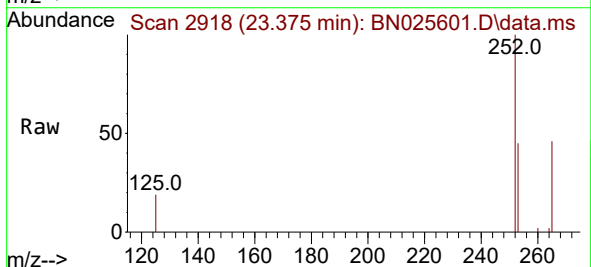
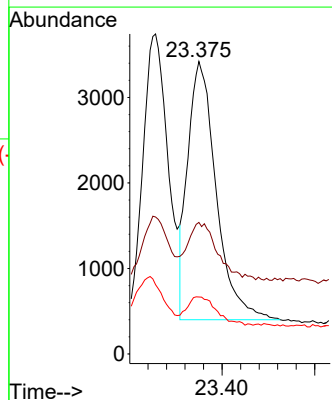
Tgt Ion:252 Resp: 6435

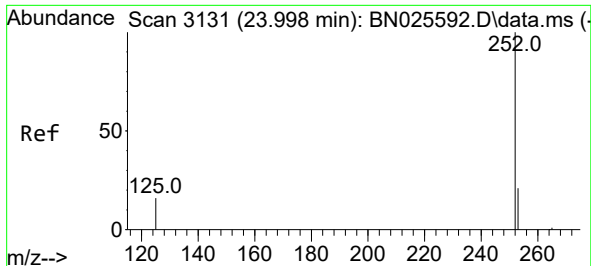
Ion Ratio Lower Upper

252 100

253 45.0 25.0 37.6#

125 19.5 12.7 19.1#





#39

Benzo(a)pyrene

Concen: 0.203 ng

RT: 23.977 min Scan# 31

Delta R.T. -0.020 min

Lab File: BN025601.D

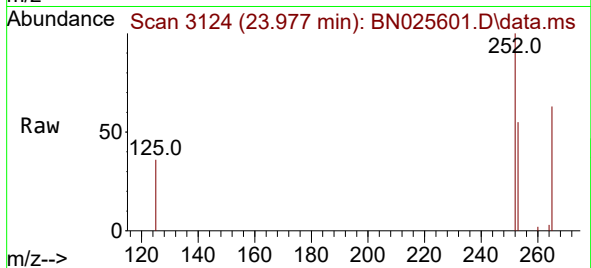
Acq: 26 May 2023 00:45

Instrument :

BNA\_N

ClientSampleId :

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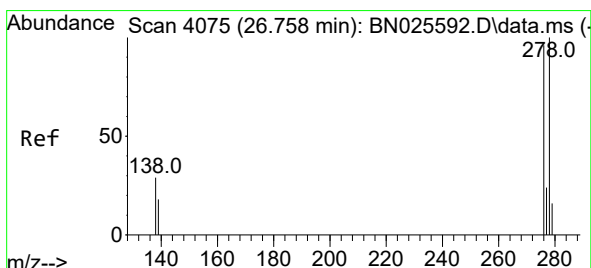
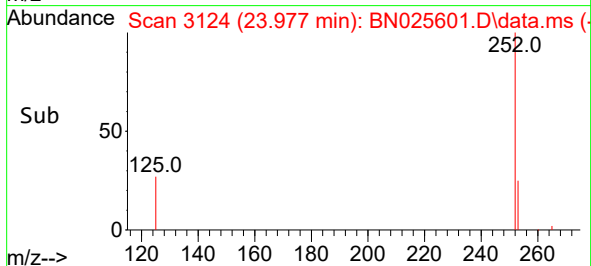
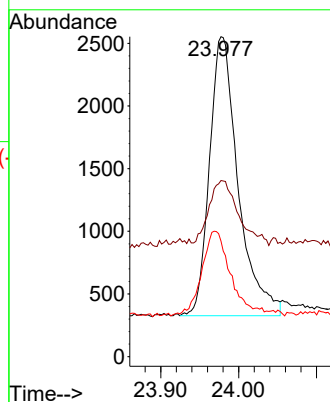
Tgt Ion:252 Resp: 5683

Ion Ratio Lower Upper

252 100

253 55.0 28.6 43.0#

125 36.1 16.9 25.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.232 ng

RT: 26.723 min Scan# 4063

Delta R.T. -0.035 min

Lab File: BN025601.D

Acq: 26 May 2023 00:45

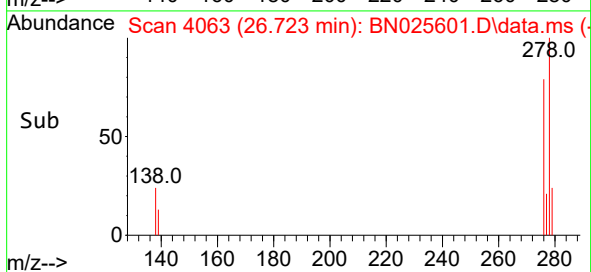
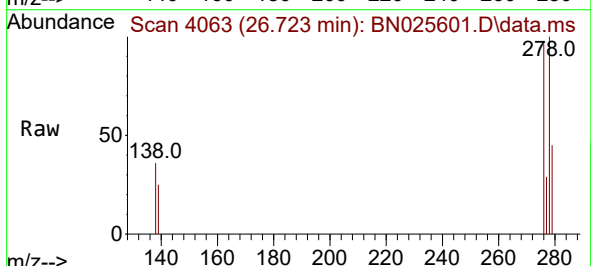
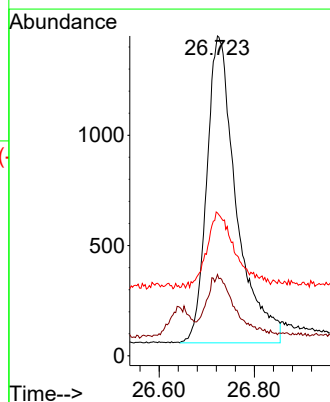
Tgt Ion:278 Resp: 5987

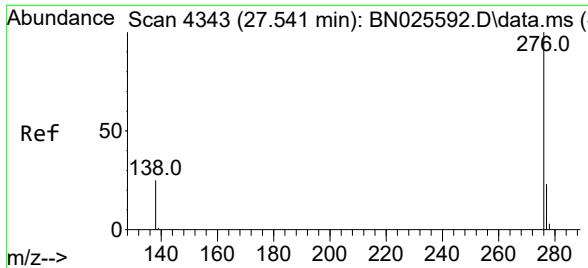
Ion Ratio Lower Upper

278 100

139 25.4 18.4 27.6

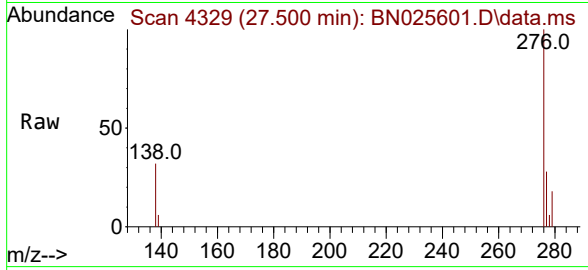
279 44.7 25.8 38.6#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.241 ng  
 RT: 27.500 min Scan# 41  
 Delta R.T. -0.041 min  
 Lab File: BN025601.D  
 Acq: 26 May 2023 00:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2023



Tgt Ion:276 Resp: 7001  
 Ion Ratio Lower Upper  
 276 100  
 277 27.7 20.0 30.0  
 138 31.6 22.8 34.2

