

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052423\  
 Data File : BN025583.D  
 Acq On : 24 May 2023 10:53  
 Operator : CG/JU  
 Sample : 02213-02  
 Misc : LOQ-SOIL-0.2ng  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2023

Quant Time: May 25 06:08:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 23 03:22:57 2023  
 Response via : Initial Calibration

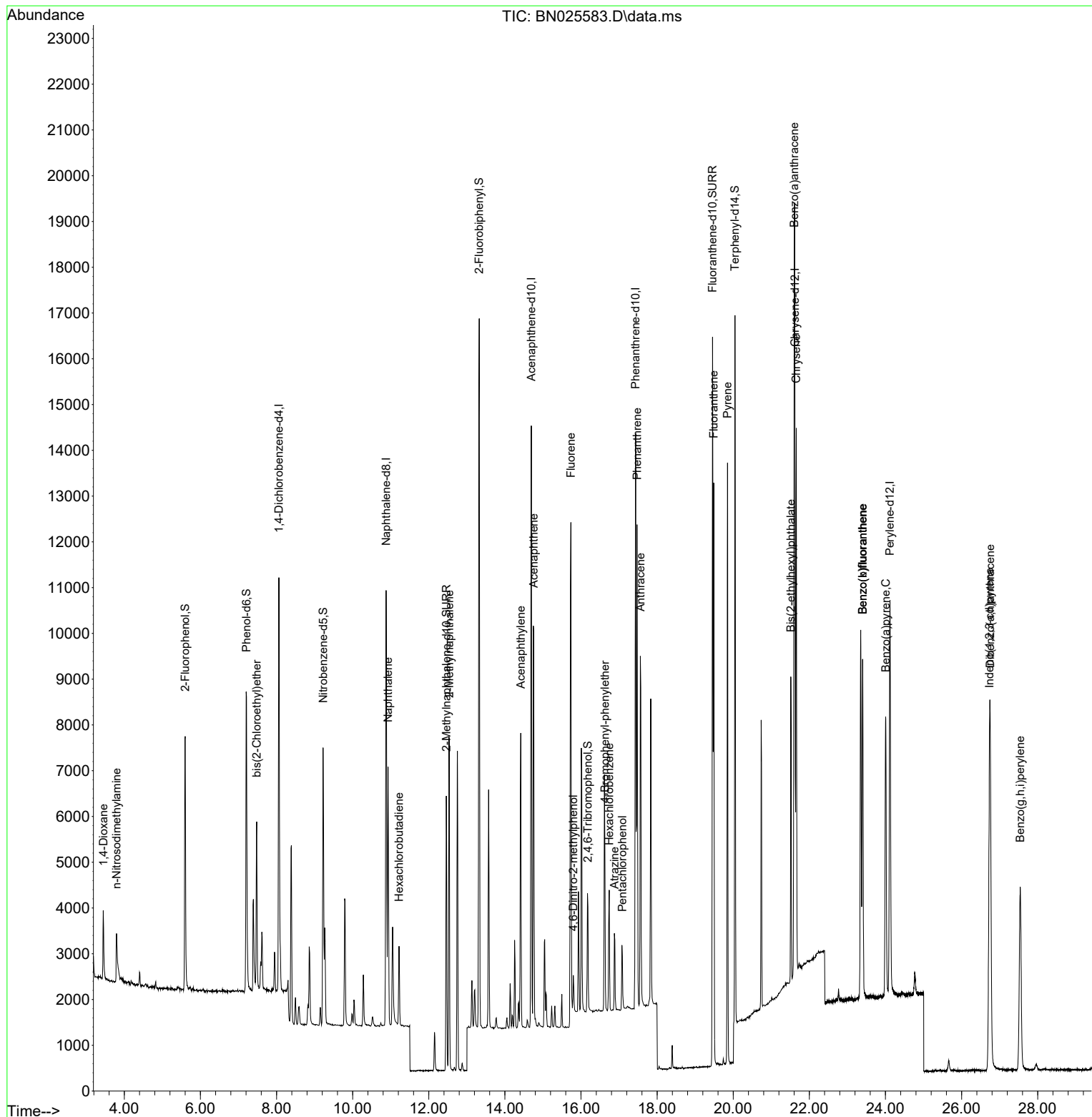
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 4509     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.878 | 136  | 12893    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.694 | 164  | 7275     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.435 | 188  | 16566    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.620 | 240  | 12233    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.119 | 264  | 12730    | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.600  | 112  | 5062     | 0.436 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.210  | 99   | 6491     | 0.444 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.223  | 82   | 5030     | 0.424 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.460 | 152  | 8258     | 0.437 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.181 | 330  | 1509     | 0.497 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.325 | 172  | 14046    | 0.445 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.456 | 212  | 17387    | 0.443 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.044 | 244  | 12723    | 0.502 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.448  | 88   | 1083     | 0.208 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.794  | 42   | 1022     | 0.165 | ng    | 93       |
| 6) bis(2-Chloroethyl)ether    | 7.478  | 93   | 2951     | 0.220 | ng    | 100      |
| 9) Naphthalene                | 10.931 | 128  | 7473     | 0.209 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.219 | 225  | 1345     | 0.216 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.536 | 142  | 5169     | 0.204 | ng    | 99       |
| 16) Acenaphthylene            | 14.416 | 152  | 7259     | 0.203 | ng    | 99       |
| 17) Acenaphthene              | 14.758 | 154  | 4877     | 0.198 | ng    | 95       |
| 18) Fluorene                  | 15.734 | 166  | 6156     | 0.200 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.796 | 198  | 664      | 0.151 | ng    | # 40     |
| 21) 4-Bromophenyl-phenylether | 16.628 | 248  | 1935     | 0.197 | ng    | # 91     |
| 22) Hexachlorobenzene         | 16.740 | 284  | 1821     | 0.208 | ng    | 99       |
| 23) Atrazine                  | 16.876 | 200  | 1527     | 0.177 | ng    | # 92     |
| 24) Pentachlorophenol         | 17.087 | 266  | 749      | 0.152 | ng    | 99       |
| 25) Phenanthrene              | 17.472 | 178  | 10494    | 0.197 | ng    | 99       |
| 26) Anthracene                | 17.559 | 178  | 9507     | 0.196 | ng    | 99       |
| 28) Fluoranthene              | 19.485 | 202  | 11541    | 0.196 | ng    | 100      |
| 30) Pyrene                    | 19.848 | 202  | 11517    | 0.208 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.602 | 228  | 9993     | 0.206 | ng    | 99       |
| 33) Chrysene                  | 21.656 | 228  | 10435    | 0.208 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.513 | 149  | 6292     | 0.209 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.732 | 276  | 11302    | 0.194 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.399 | 252  | 10509    | 0.205 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.399 | 252  | 10320    | 0.198 | ng    | 97       |
| 39) Benzo(a)pyrene            | 24.005 | 252  | 9446     | 0.200 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.750 | 278  | 8891     | 0.188 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.539 | 276  | 9269     | 0.187 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

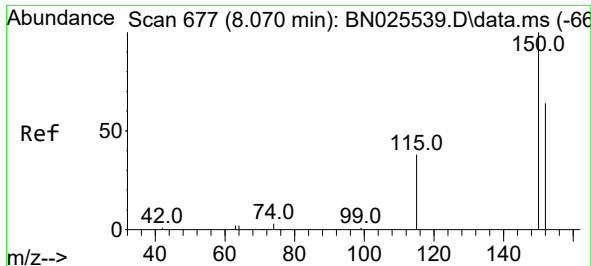
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052423\  
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 Acq On : 24 May 2023 10:53  
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 Sample : 02213-02  
 Misc : LOQ-SOIL-0.2ng  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2023

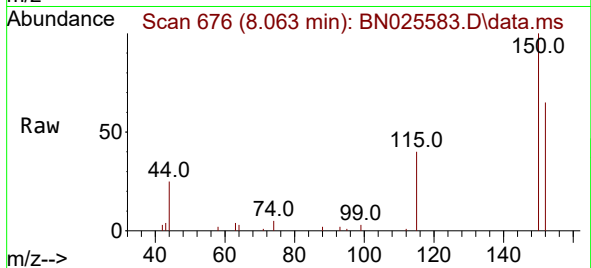
Quant Time: May 25 06:08:53 2023  
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 QLast Update : Tue May 23 03:22:57 2023  
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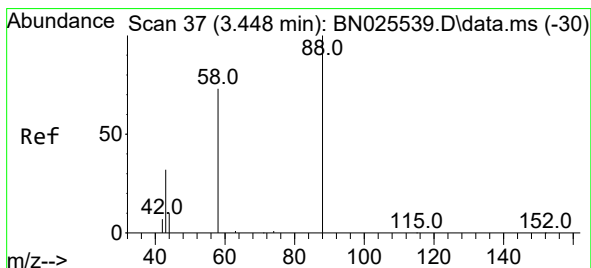
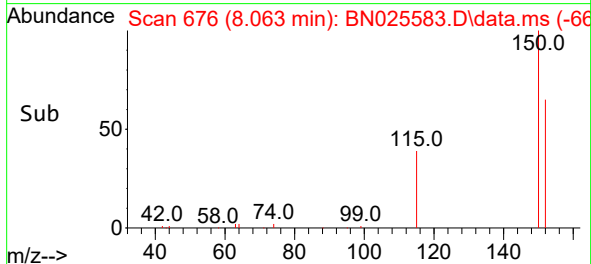
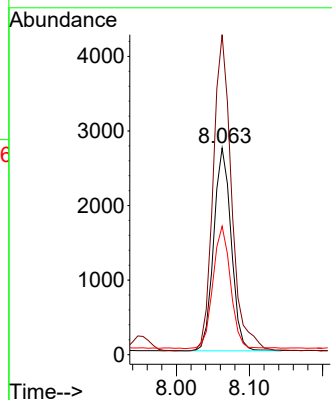


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.063 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

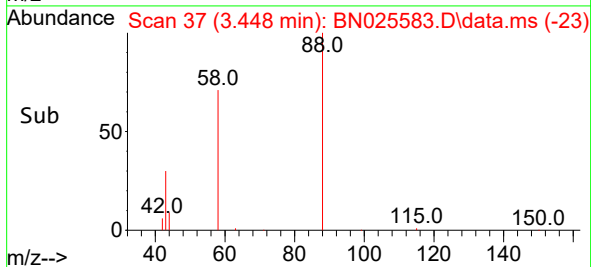
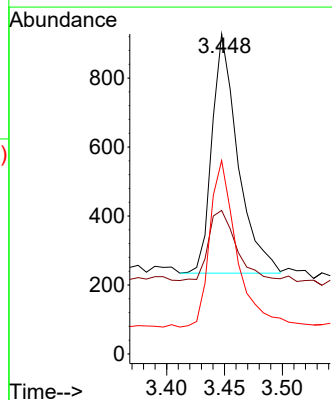
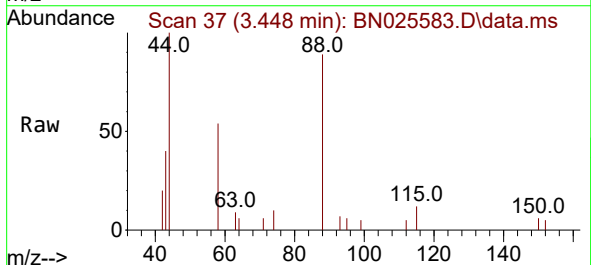


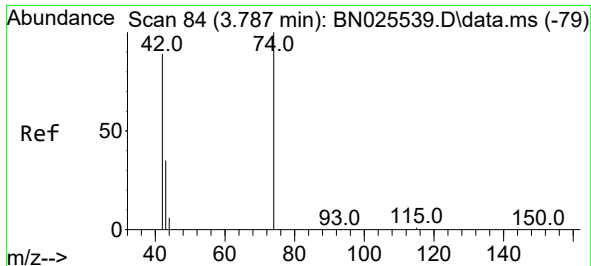
Tgt Ion:152 Resp: 4509  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.6 187.0  
115 62.2 49.1 73.7



#2  
1,4-Dioxane  
Concen: 0.208 ng  
RT: 3.448 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion: 88 Resp: 1083  
Ion Ratio Lower Upper  
88 100  
43 31.3 25.8 38.8  
58 72.1 54.9 82.3

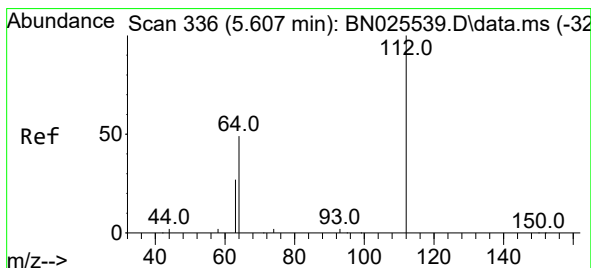
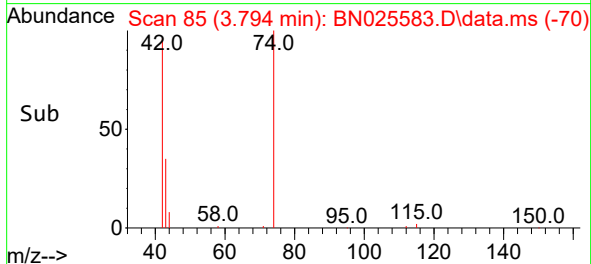
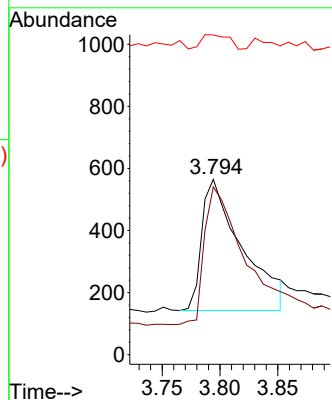
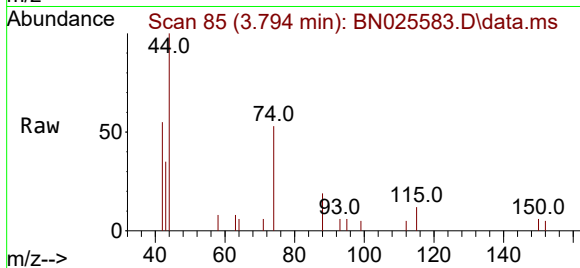




#3  
n-Nitrosodimethylamine  
Concen: 0.165 ng  
RT: 3.794 min Scan# 84  
Delta R.T. 0.007 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

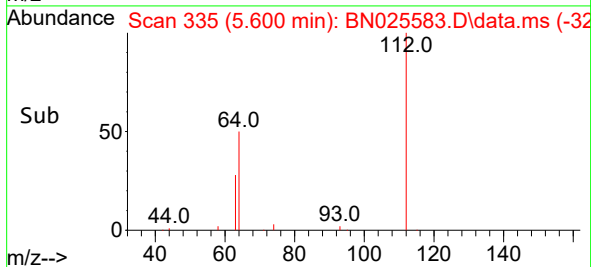
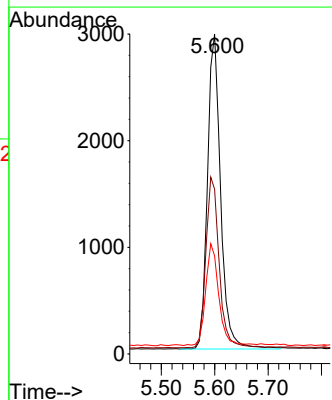
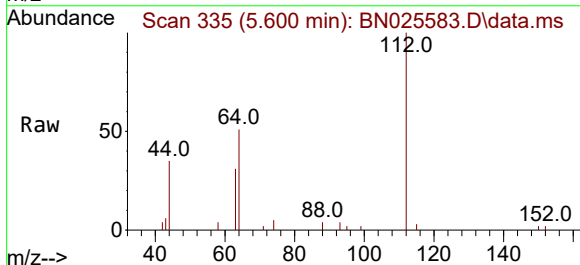
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

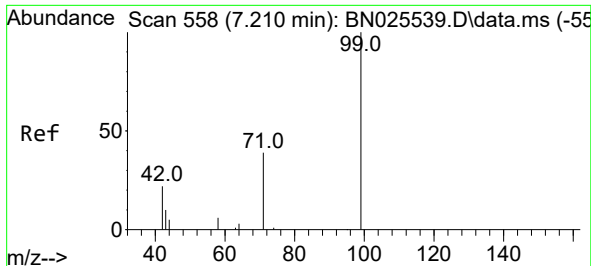
Tgt Ion: 42 Resp: 1022  
Ion Ratio Lower Upper  
42 100  
74 104.7 89.7 134.5  
44 7.6 7.5 11.3



#4  
2-Fluorophenol  
Concen: 0.436 ng  
RT: 5.600 min Scan# 335  
Delta R.T. -0.007 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion: 112 Resp: 5062  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.2 66.4  
63 32.3 25.4 38.2

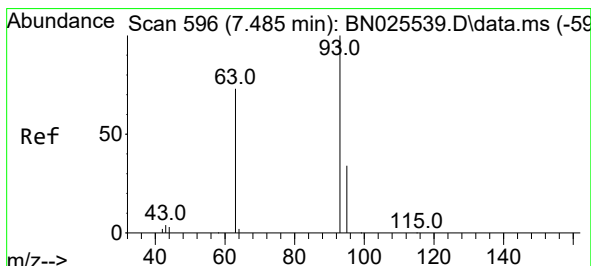
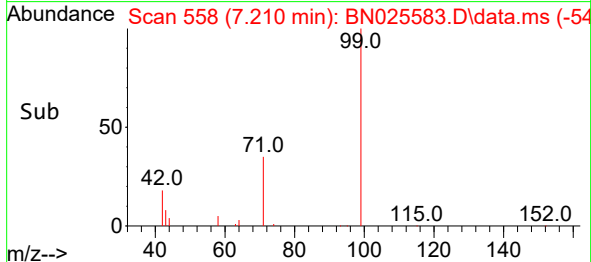
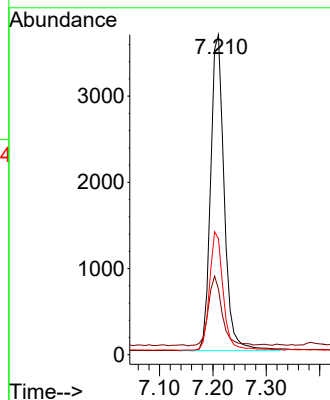
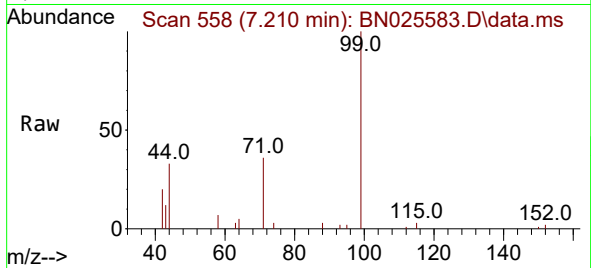




#5  
Phenol-d6  
Concen: 0.444 ng  
RT: 7.210 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

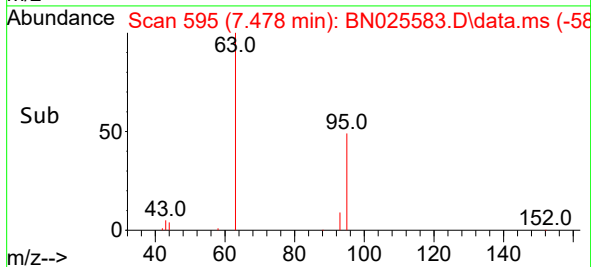
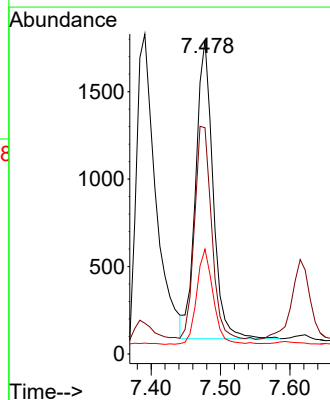
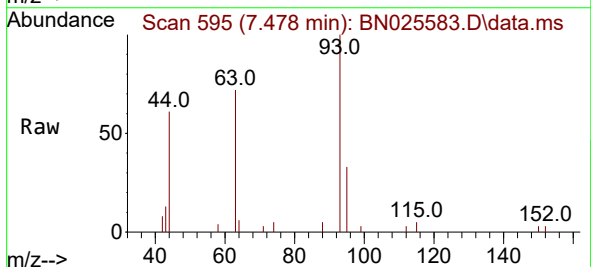
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

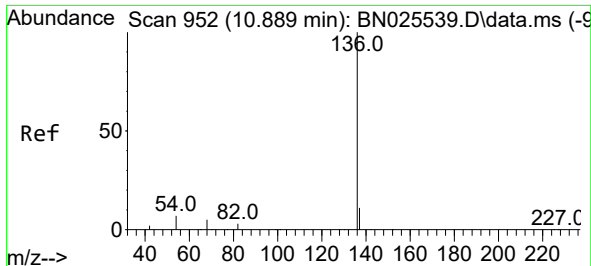
Tgt Ion: 99 Resp: 6491  
Ion Ratio Lower Upper  
99 100  
42 22.6 17.5 26.3  
71 37.6 30.1 45.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.220 ng  
RT: 7.478 min Scan# 595  
Delta R.T. -0.007 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion: 93 Resp: 2951  
Ion Ratio Lower Upper  
93 100  
63 71.2 56.9 85.3  
95 30.5 24.9 37.3

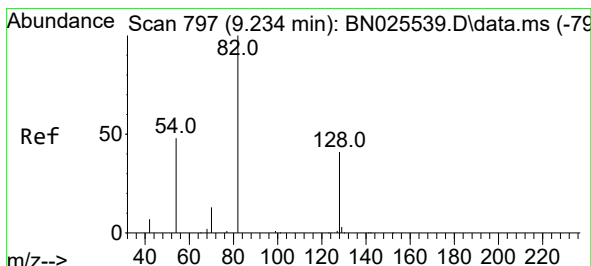
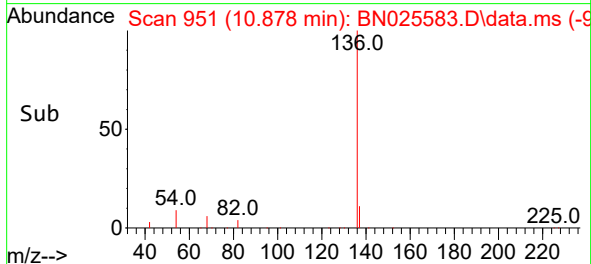
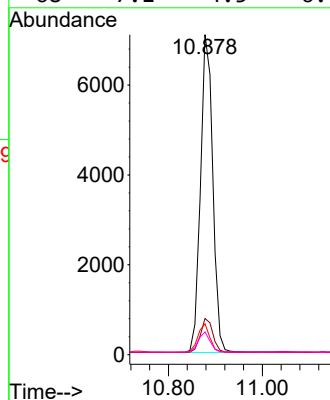
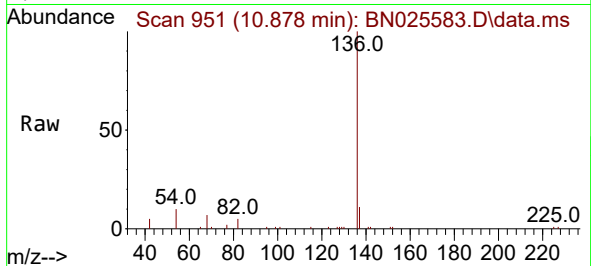




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.878 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

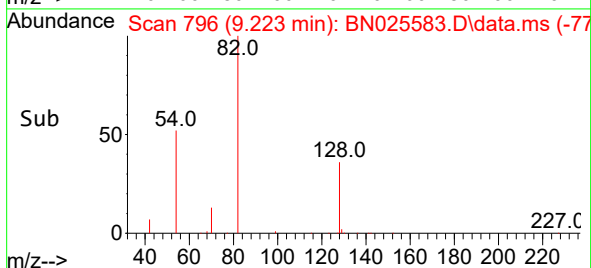
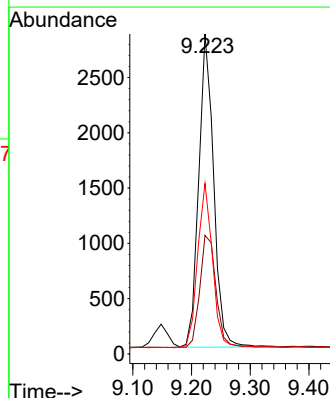
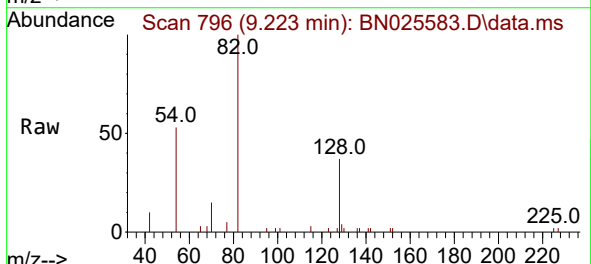
Instrument :  
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ClientSampleId :  
LOQ-SOIL-02-QT2-2023

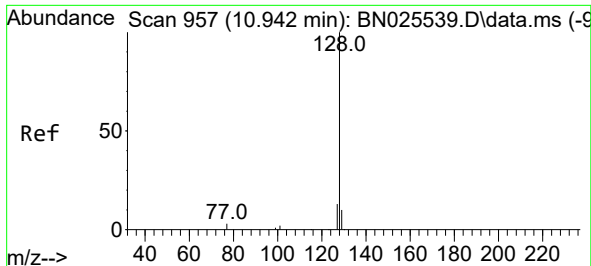
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12893 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.1   | 13.7  |
| 54        | 9.7   | 6.2   | 9.4#  |
| 68        | 7.1   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.424 ng  
RT: 9.223 min Scan# 796  
Delta R.T. -0.011 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5030 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.0  | 33.8  | 50.8 |
| 54        | 53.3  | 39.8  | 59.6 |

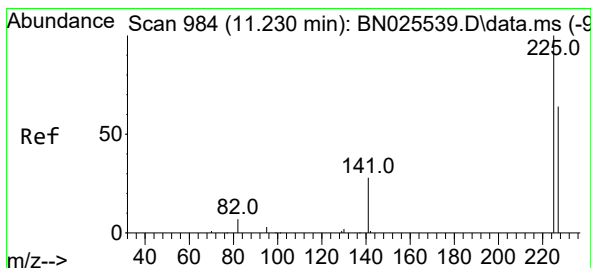
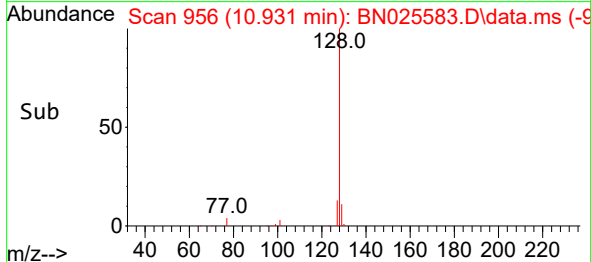
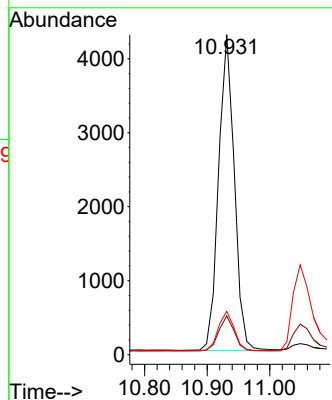
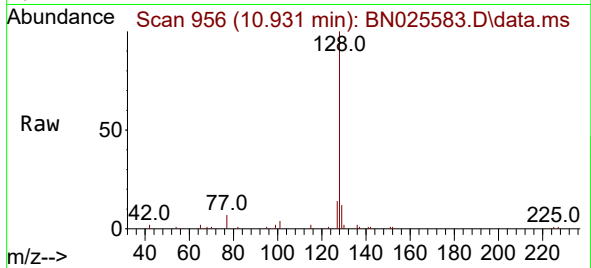




#9  
Naphthalene  
Concen: 0.209 ng  
RT: 10.931 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

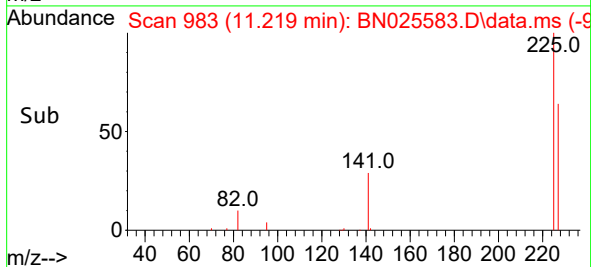
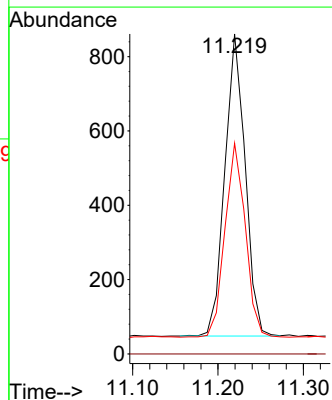
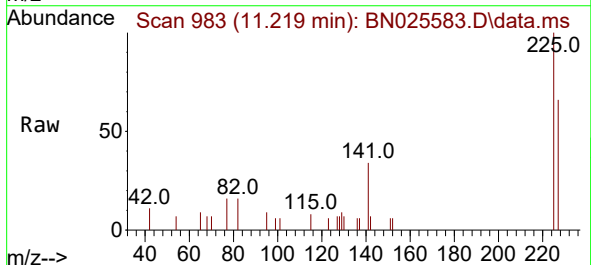
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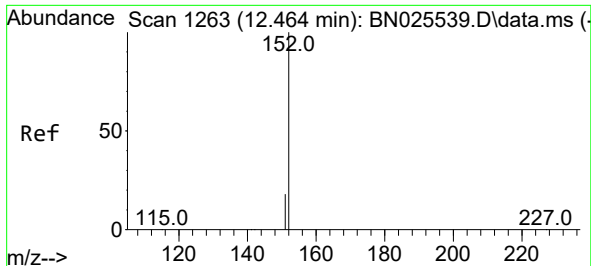
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Ion Ratio Lower Upper  
128 100  
129 12.1 8.8 13.2  
127 13.5 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.216 ng  
RT: 11.219 min Scan# 983  
Delta R.T. -0.011 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:225 Resp: 1345  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.5 51.0 76.6

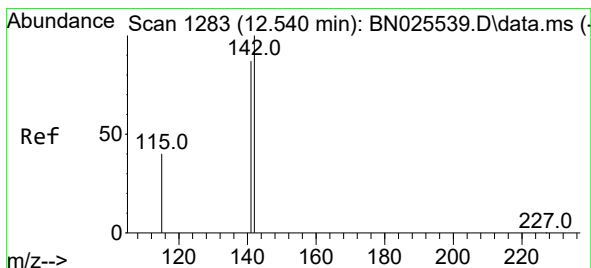
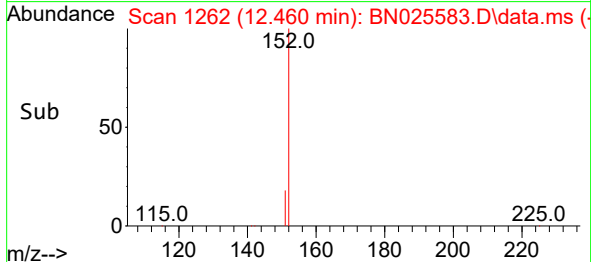
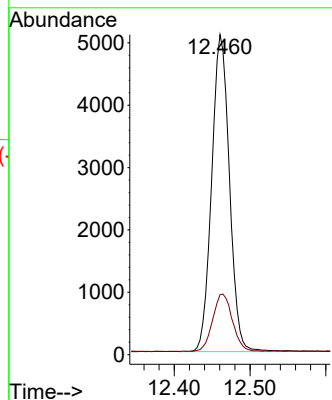
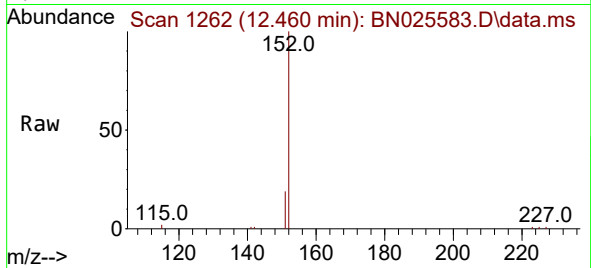




#11  
2-Methylnaphthalene-d10  
Concen: 0.437 ng  
RT: 12.460 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

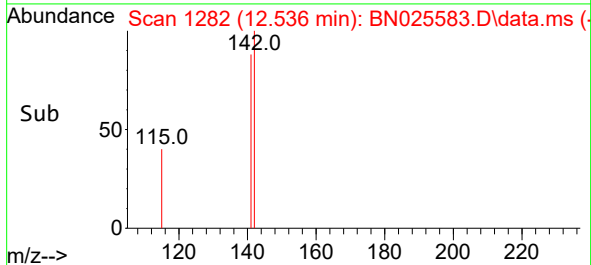
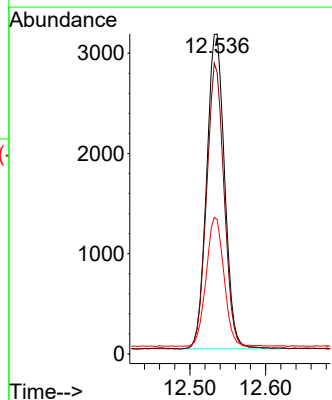
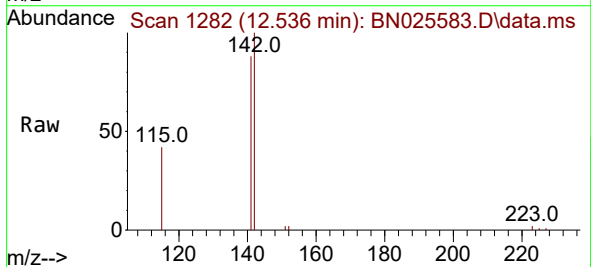
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

Tgt Ion:152 Resp: 8258  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.7 25.1

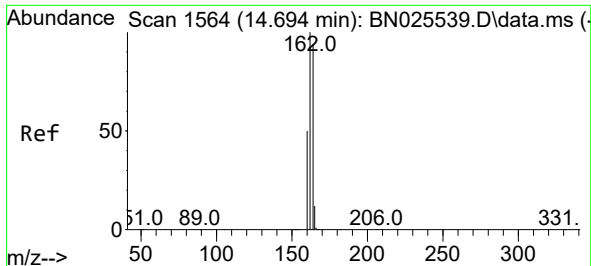


#12  
2-Methylnaphthalene  
Concen: 0.204 ng  
RT: 12.536 min Scan# 1282  
Delta R.T. -0.004 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:142 Resp: 5169  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.1 105.1  
115 42.0 32.8 49.2



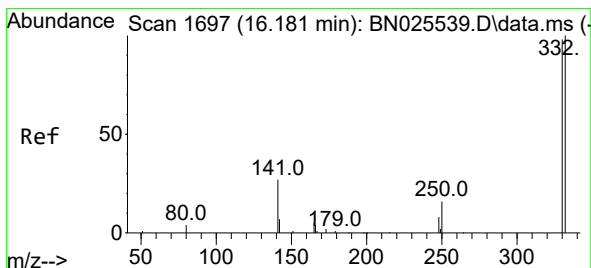
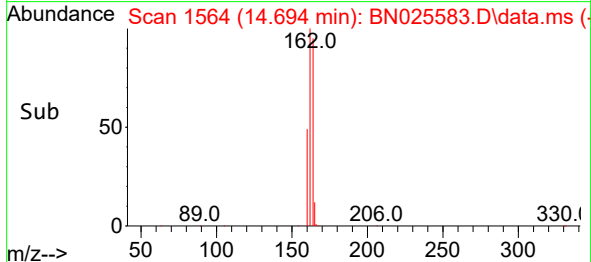
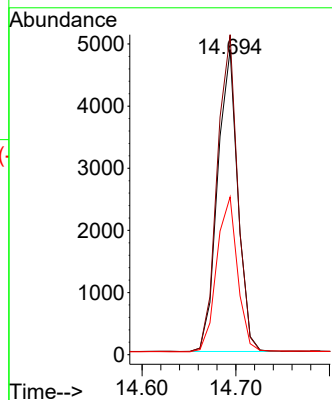
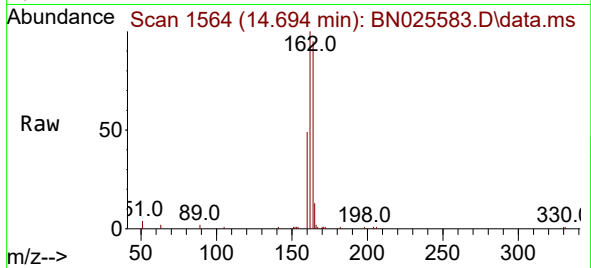




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

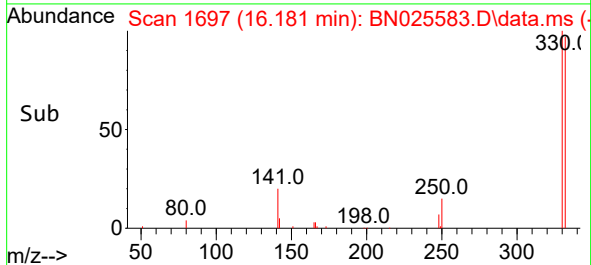
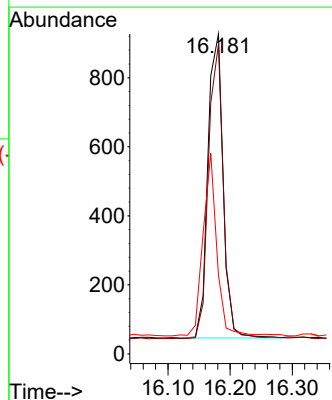
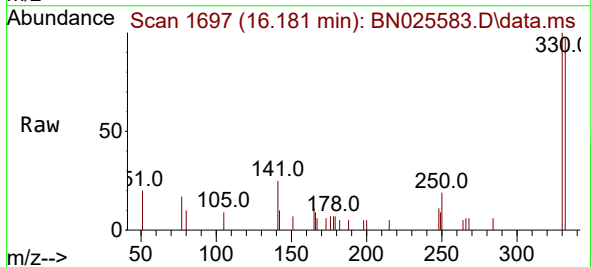
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

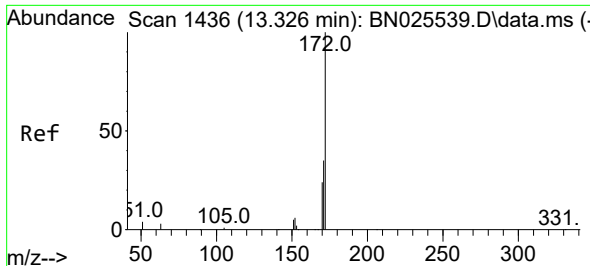
Tgt Ion:164 Resp: 7275  
Ion Ratio Lower Upper  
164 100  
162 104.9 85.5 128.3  
160 51.7 42.9 64.3



#14  
2,4,6-Tribromophenol  
Concen: 0.497 ng  
RT: 16.181 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:330 Resp: 1509  
Ion Ratio Lower Upper  
330 100  
332 94.0 76.7 115.1  
141 54.3 43.0 64.6

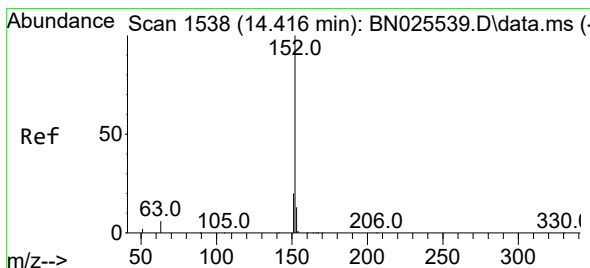
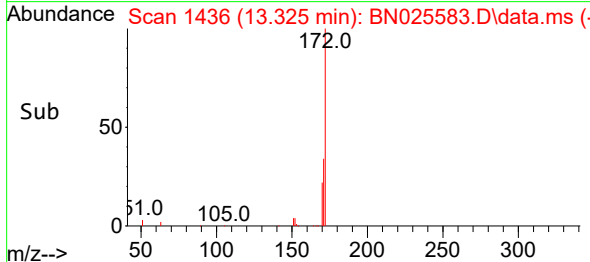
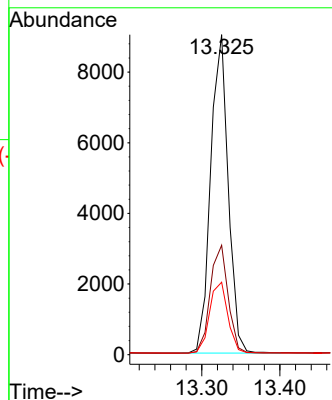
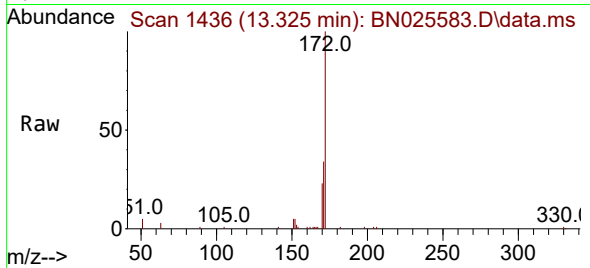




#15  
2-Fluorobiphenyl  
Concen: 0.445 ng  
RT: 13.325 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

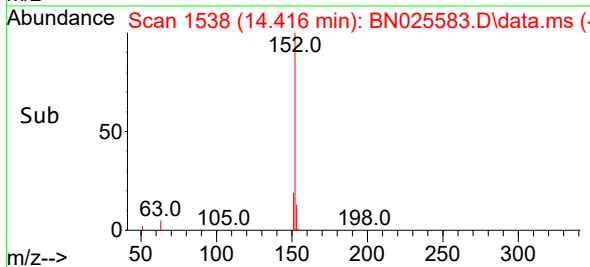
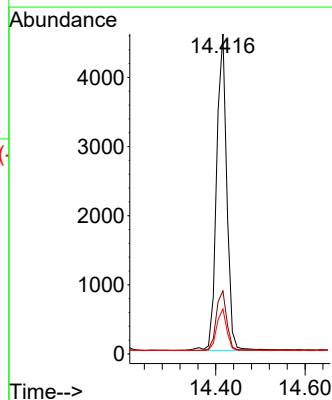
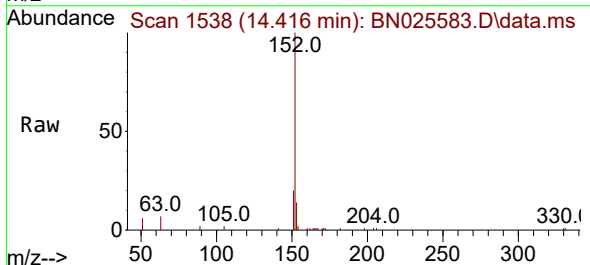
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

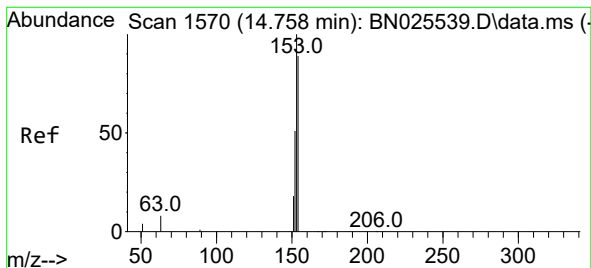
Tgt Ion:172 Resp: 14046  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.3 42.5  
170 22.6 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.203 ng  
RT: 14.416 min Scan# 1538  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:152 Resp: 7259  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.3 22.9  
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.198 ng

RT: 14.758 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

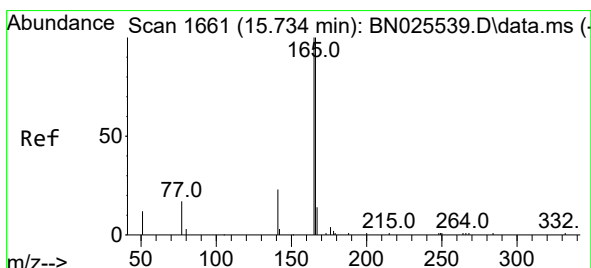
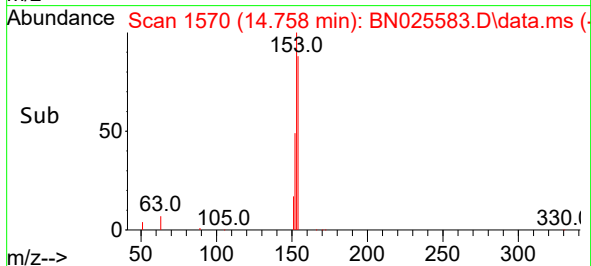
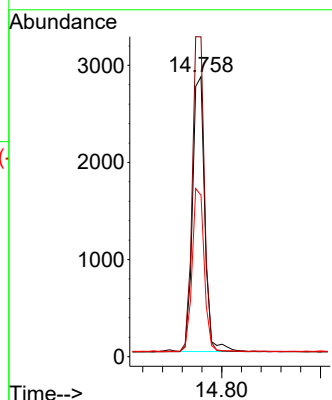
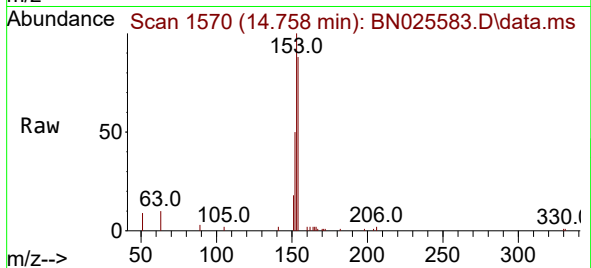
Tgt Ion:154 Resp: 4877

Ion Ratio Lower Upper

154 100

153 113.2 85.4 128.2

152 57.9 44.3 66.5



#18

Fluorene

Concen: 0.200 ng

RT: 15.734 min Scan# 1661

Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

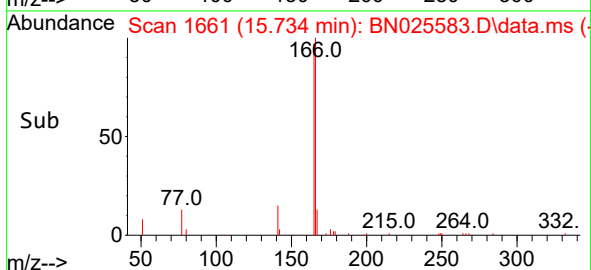
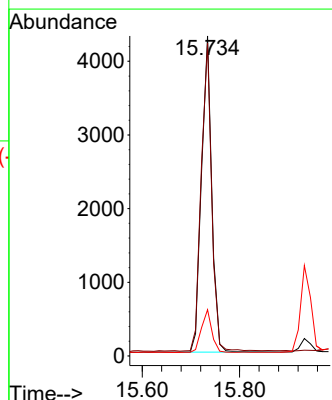
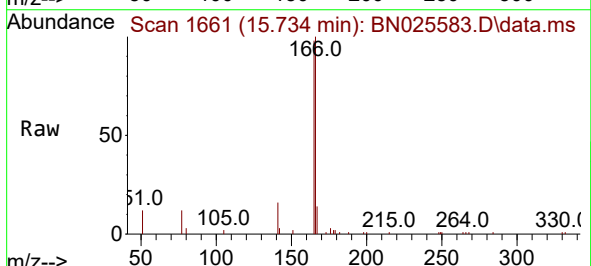
Tgt Ion:166 Resp: 6156

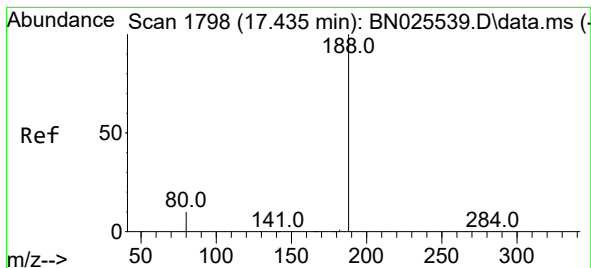
Ion Ratio Lower Upper

166 100

165 100.0 79.1 118.7

167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

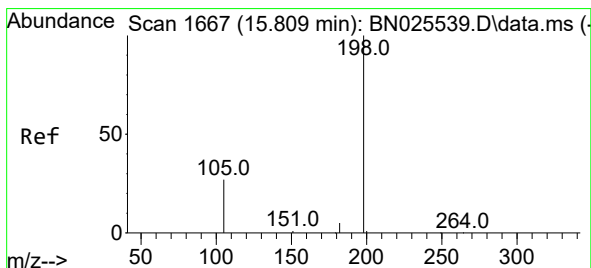
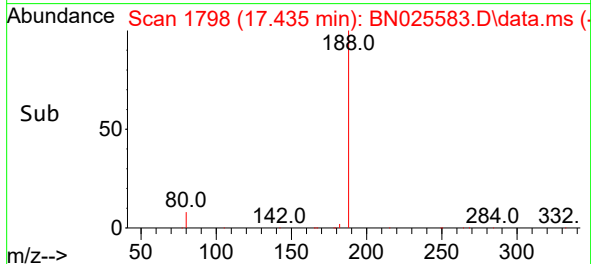
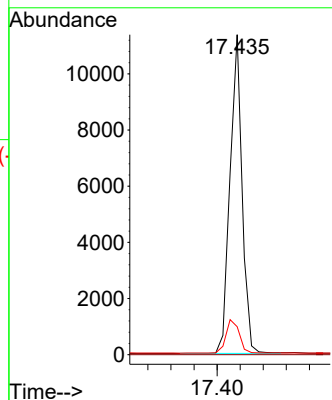
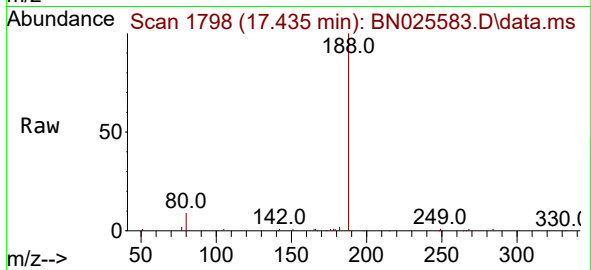
Tgt Ion:188 Resp: 16566

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.151 ng

RT: 15.796 min Scan# 1666

Delta R.T. -0.013 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

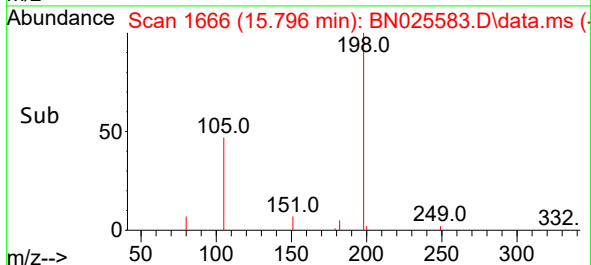
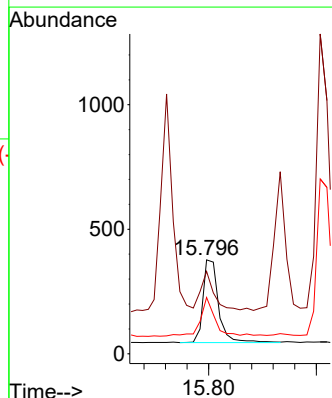
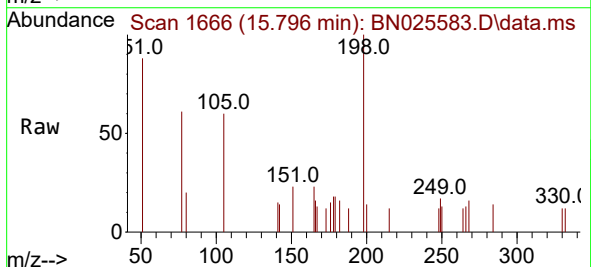
Tgt Ion:198 Resp: 664

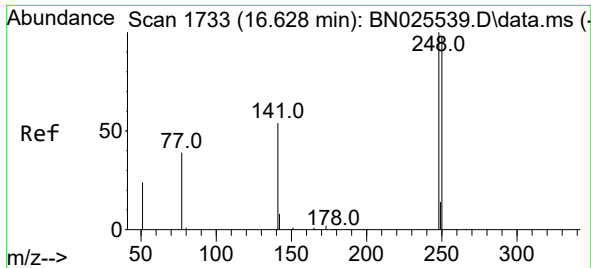
Ion Ratio Lower Upper

198 100

51 87.8 31.7 47.5#

105 59.9 29.2 43.8#

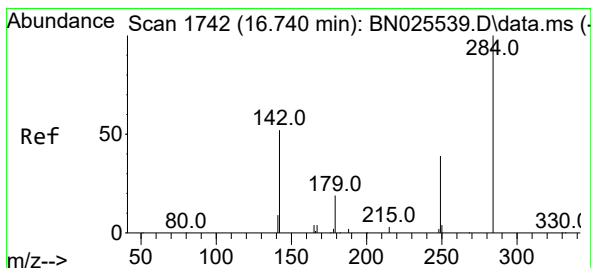
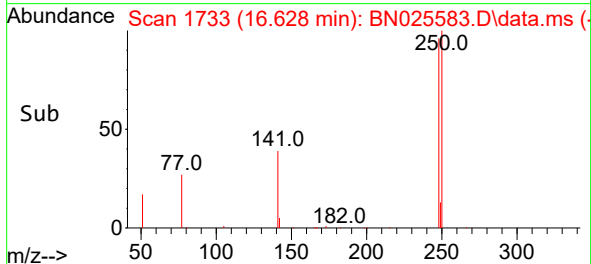
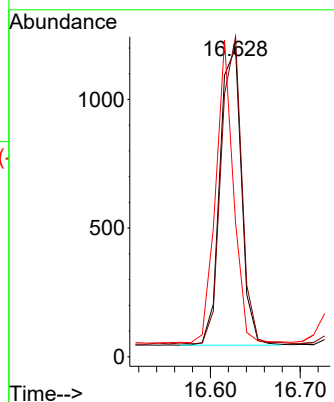
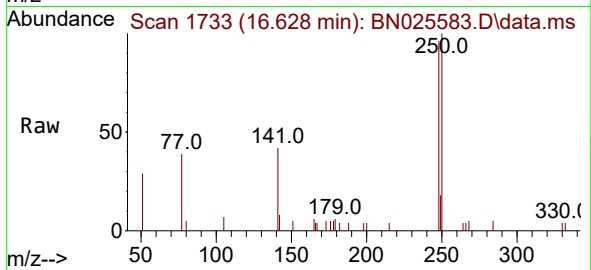




#21  
4-Bromophenyl-phenylether  
Concen: 0.197 ng  
RT: 16.628 min Scan# 1733  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

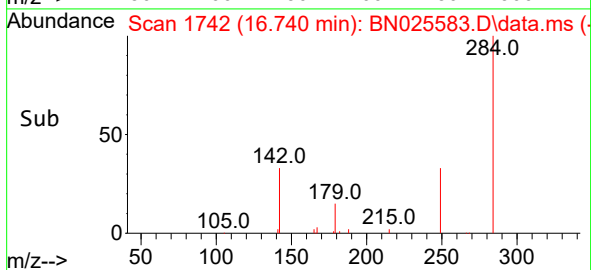
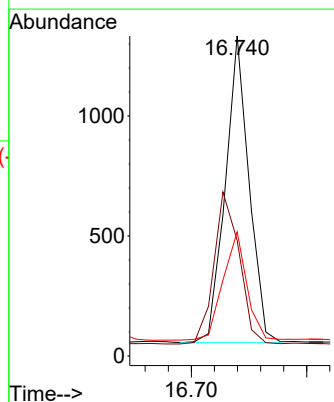
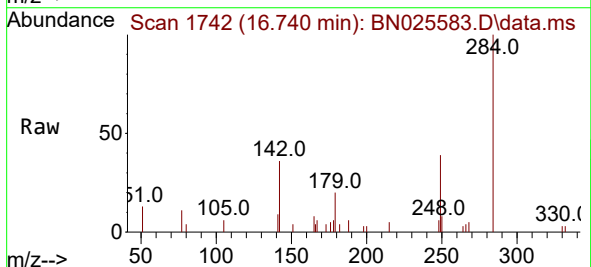
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

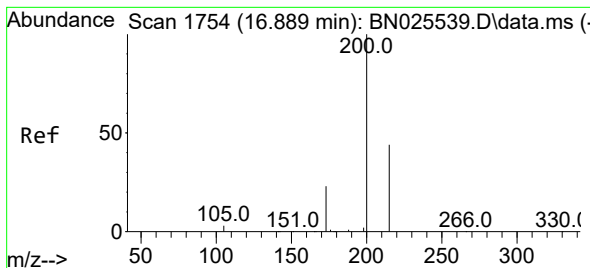
Tgt Ion:248 Resp: 1935  
Ion Ratio Lower Upper  
248 100  
250 103.8 78.9 118.3  
141 43.5 43.9 65.9#



#22  
Hexachlorobenzene  
Concen: 0.208 ng  
RT: 16.740 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:284 Resp: 1821  
Ion Ratio Lower Upper  
284 100  
142 52.8 41.6 62.4  
249 35.3 28.3 42.5





#23

Atrazine

Concen: 0.177 ng

RT: 16.876 min Scan# 1753

Delta R.T. -0.012 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

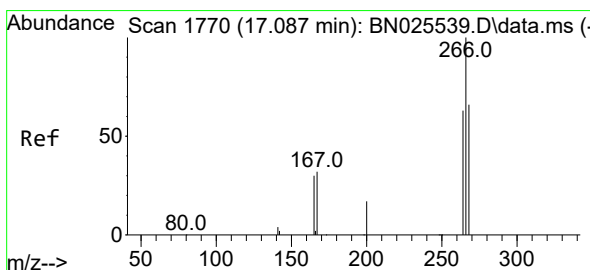
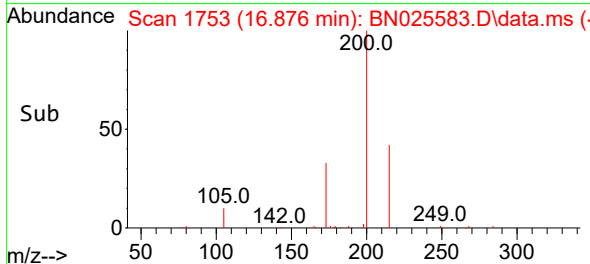
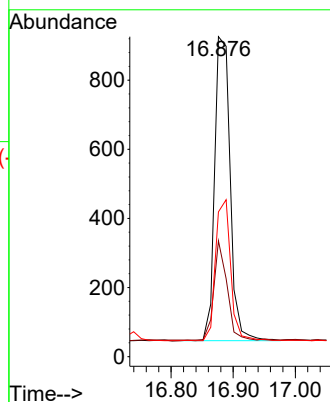
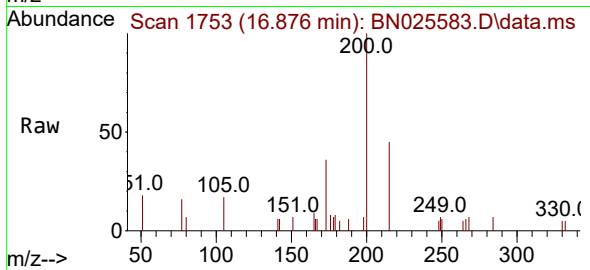
Tgt Ion:200 Resp: 1527

Ion Ratio Lower Upper

200 100

173 36.2 20.2 30.4#

215 45.2 35.8 53.8



#24

Pentachlorophenol

Concen: 0.152 ng

RT: 17.087 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

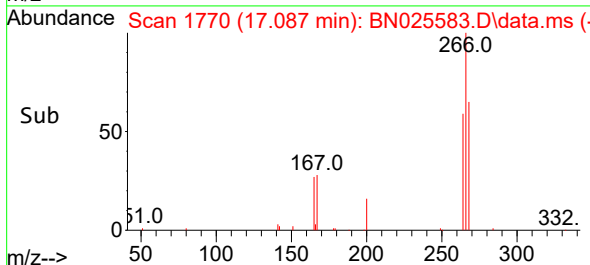
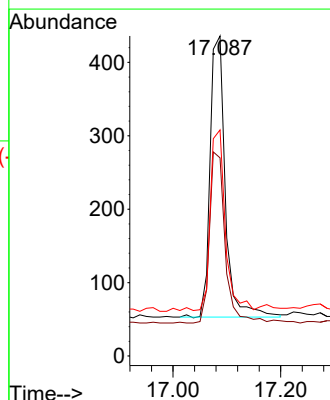
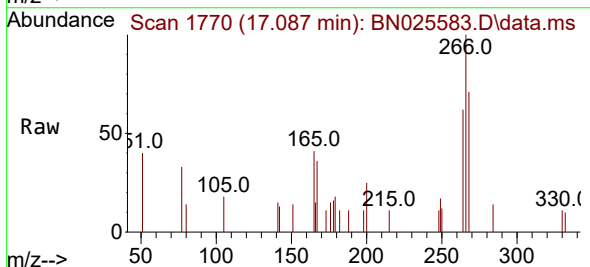
Tgt Ion:266 Resp: 749

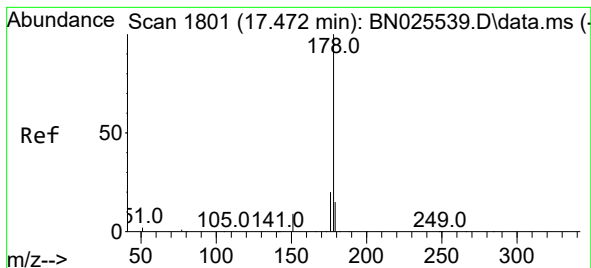
Ion Ratio Lower Upper

266 100

264 63.2 51.3 76.9

268 62.9 51.2 76.8





#25

Phenanthrene

Concen: 0.197 ng

RT: 17.472 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

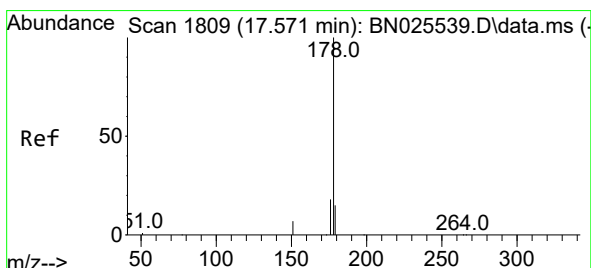
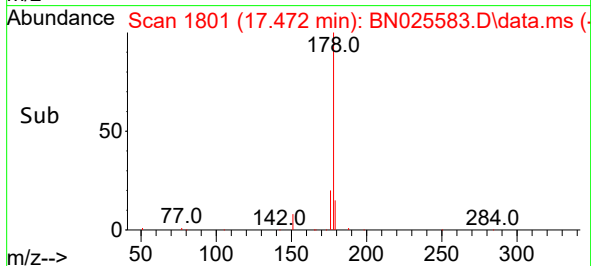
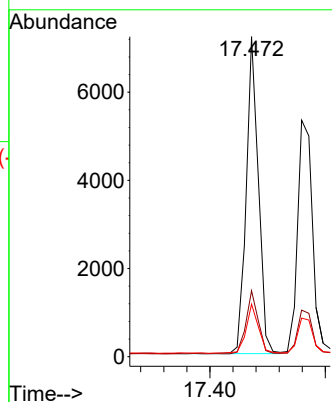
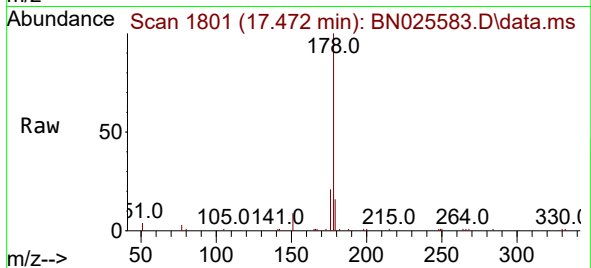
Tgt Ion:178 Resp: 10494

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.9 12.5 18.7



#26

Anthracene

Concen: 0.196 ng

RT: 17.559 min Scan# 1808

Delta R.T. -0.012 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

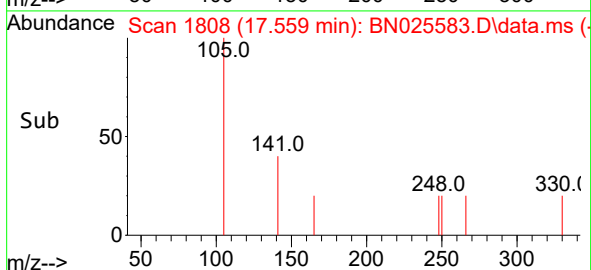
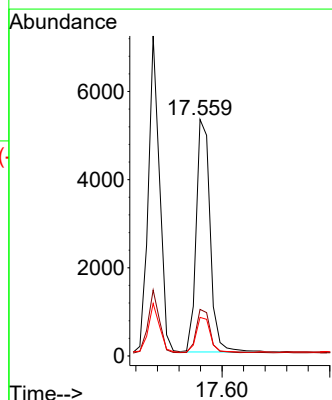
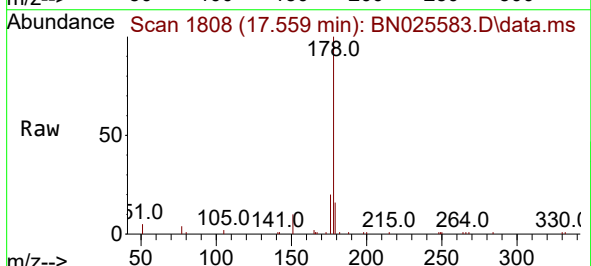
Tgt Ion:178 Resp: 9507

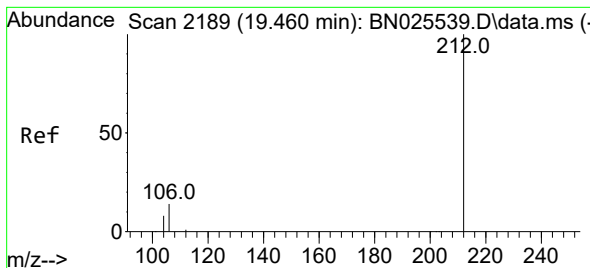
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.0 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.456 min Scan# 2188

Delta R.T. -0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

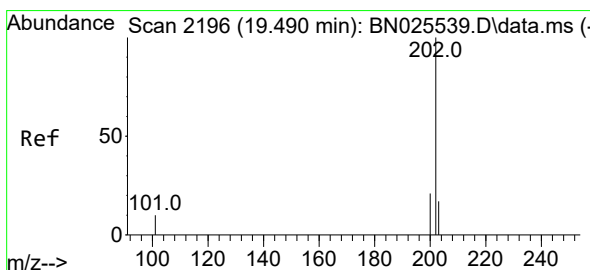
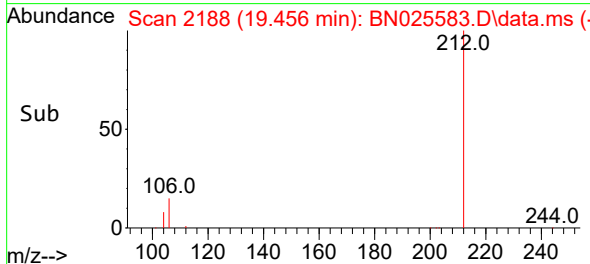
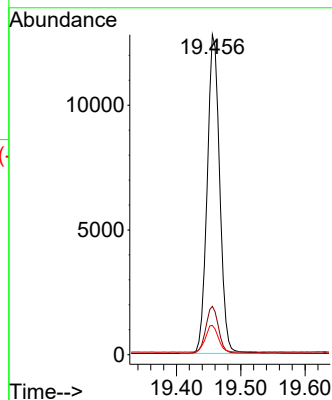
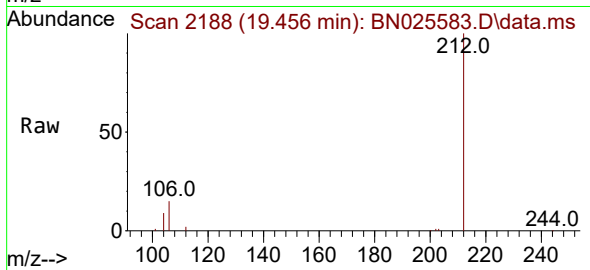
Tgt Ion:212 Resp: 17387

Ion Ratio Lower Upper

212 100

106 14.9 11.4 17.2

104 8.7 6.8 10.2



#28

Fluoranthene

Concen: 0.196 ng

RT: 19.485 min Scan# 2195

Delta R.T. -0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

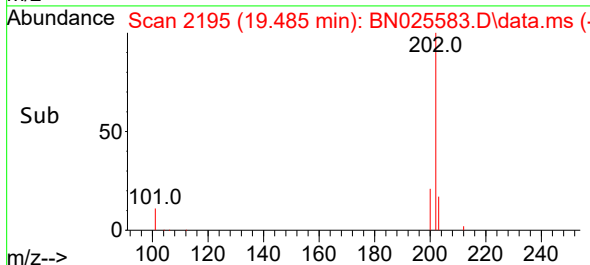
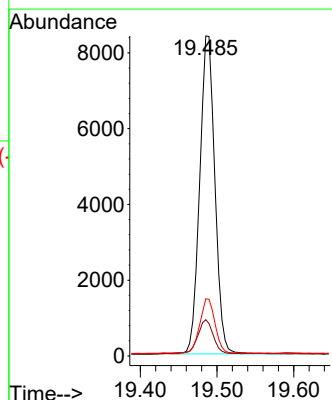
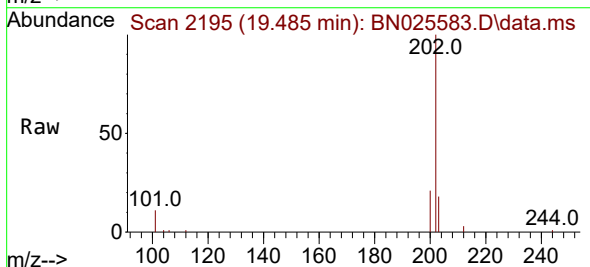
Tgt Ion:202 Resp: 11541

Ion Ratio Lower Upper

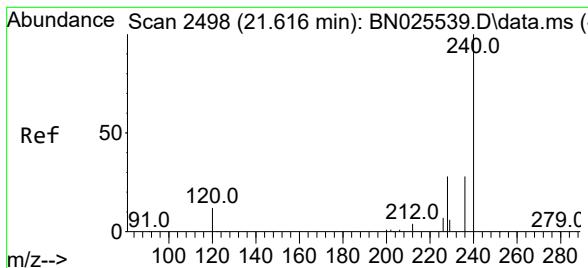
202 100

101 10.9 8.6 12.8

203 17.2 13.7 20.5







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.620 min Scan# 2499

Delta R.T. 0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

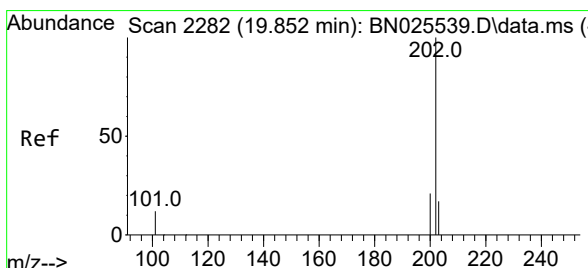
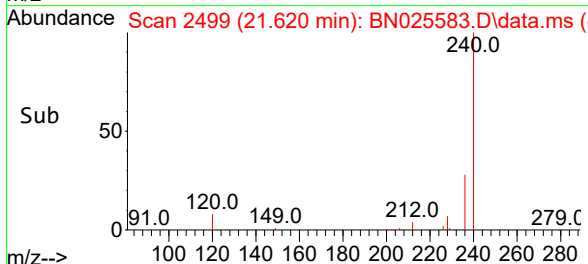
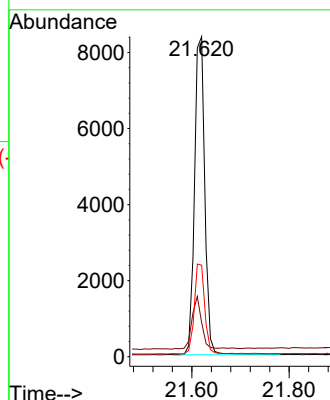
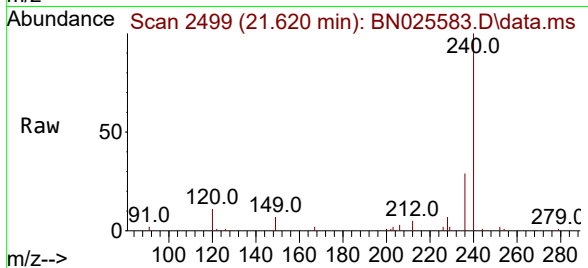
Tgt Ion:240 Resp: 12233

Ion Ratio Lower Upper

240 100

120 10.6 11.7 17.5#

236 28.6 23.0 34.6



#30

Pyrene

Concen: 0.208 ng

RT: 19.848 min Scan# 2281

Delta R.T. -0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

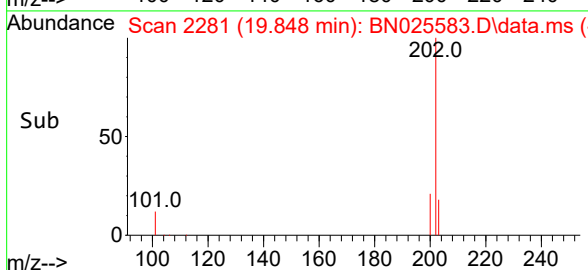
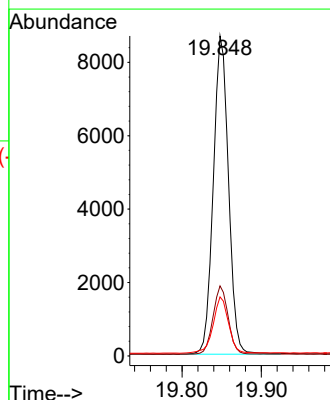
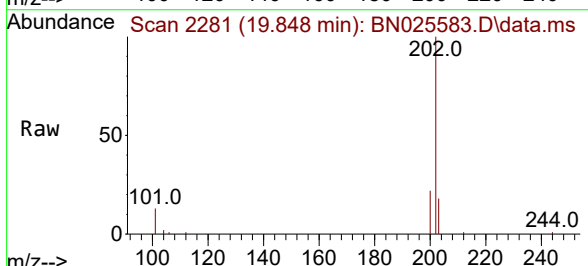
Tgt Ion:202 Resp: 11517

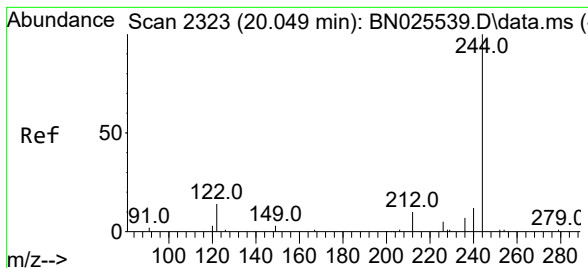
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.9 14.3 21.5





#31

Terphenyl-d14

Concen: 0.502 ng

RT: 20.044 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025583.D

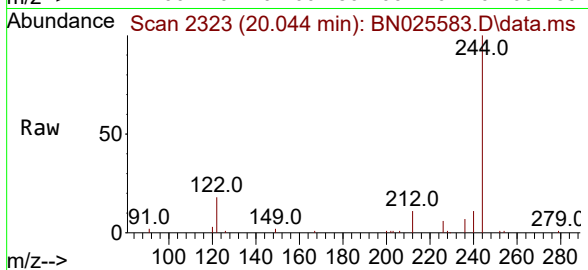
Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023



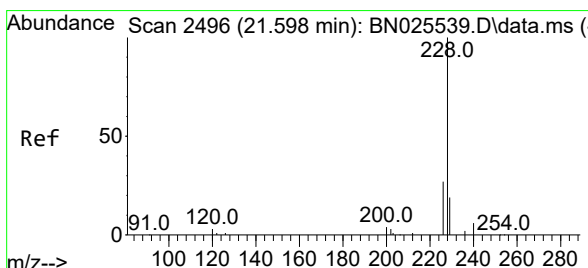
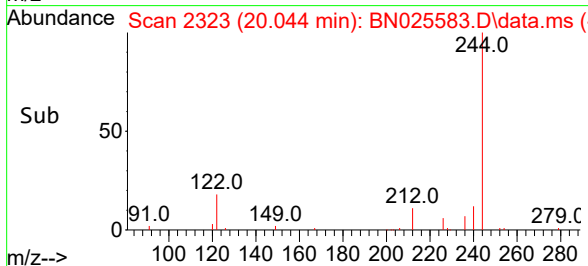
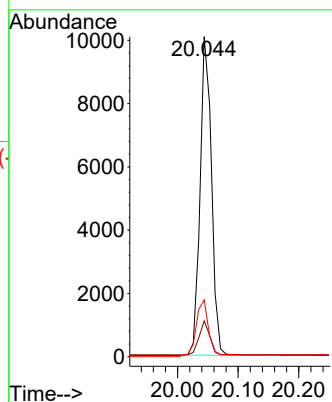
Tgt Ion:244 Resp: 12723

Ion Ratio Lower Upper

244 100

212 11.2 8.4 12.6

122 17.8 11.4 17.0#



#32

Benzo(a)anthracene

Concen: 0.206 ng

RT: 21.602 min Scan# 2497

Delta R.T. 0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

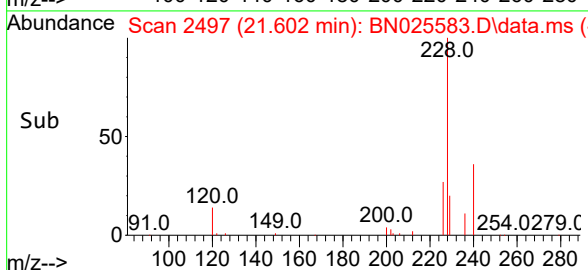
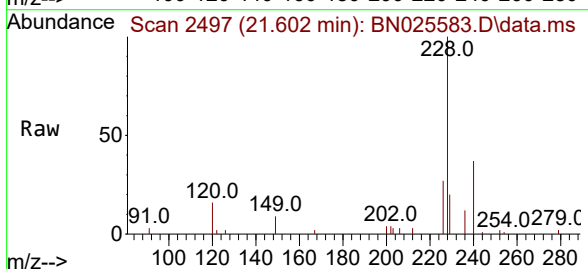
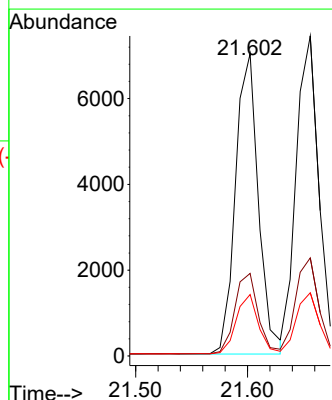
Tgt Ion:228 Resp: 9993

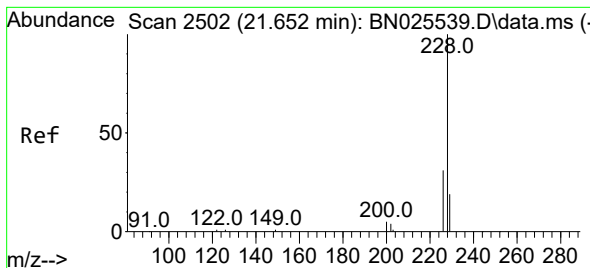
Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 20.3 15.4 23.2





#33

Chrysene

Concen: 0.208 ng

RT: 21.656 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

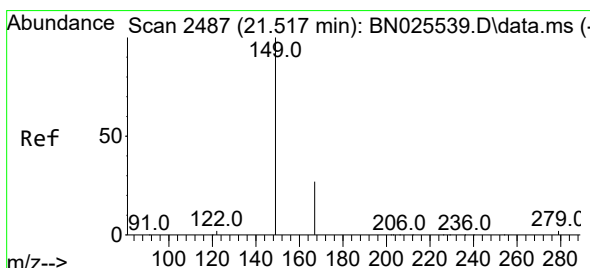
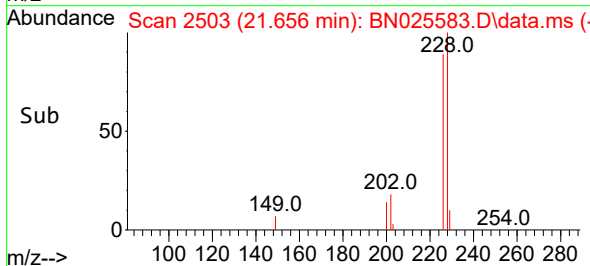
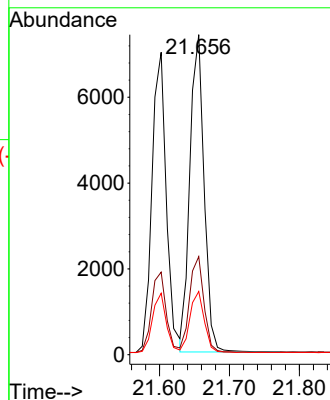
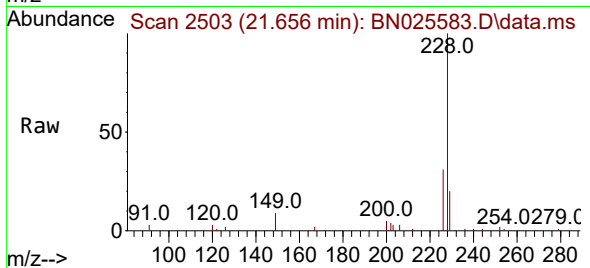
Tgt Ion:228 Resp: 10435

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.7 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

RT: 21.513 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

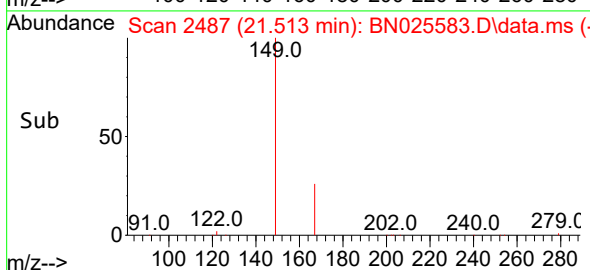
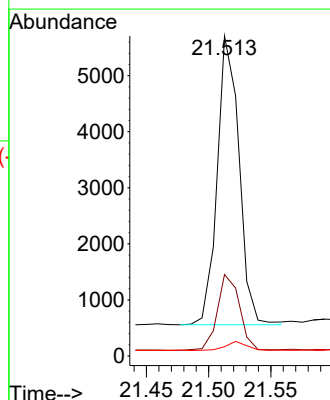
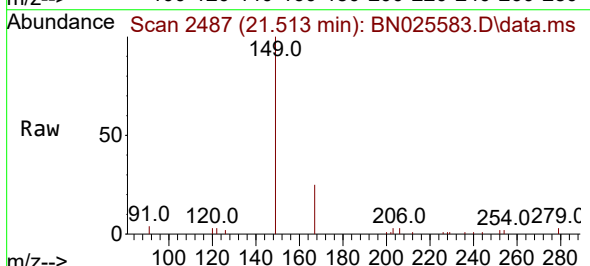
Tgt Ion:149 Resp: 6292

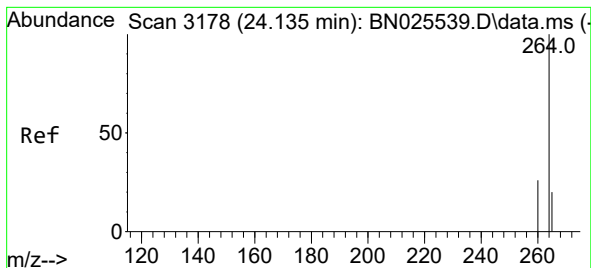
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 3.2 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.119 min Scan# 31

Delta R.T. -0.016 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

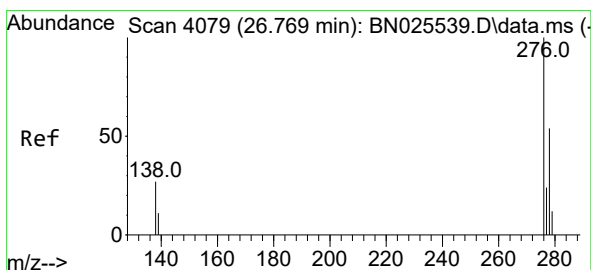
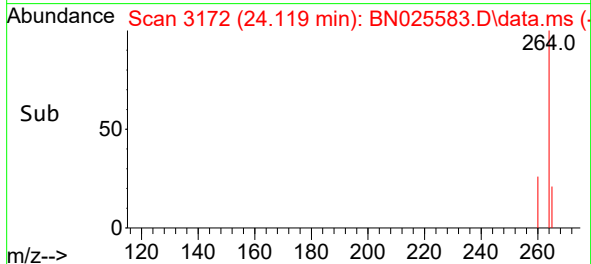
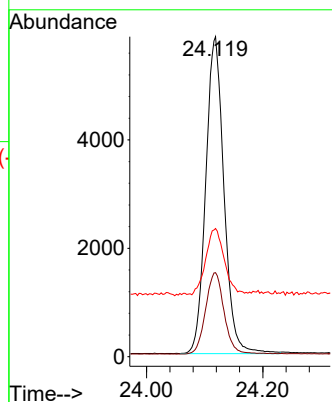
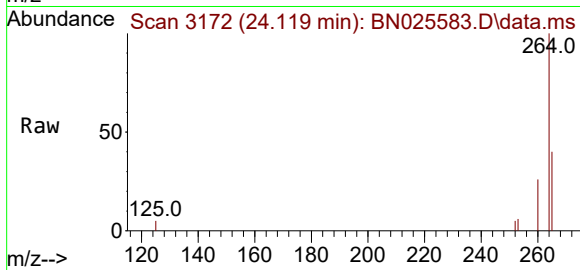
Tgt Ion:264 Resp: 12730

Ion Ratio Lower Upper

264 100

260 26.2 21.1 31.7

265 40.1 35.5 53.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.194 ng

RT: 26.732 min Scan# 4066

Delta R.T. -0.037 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

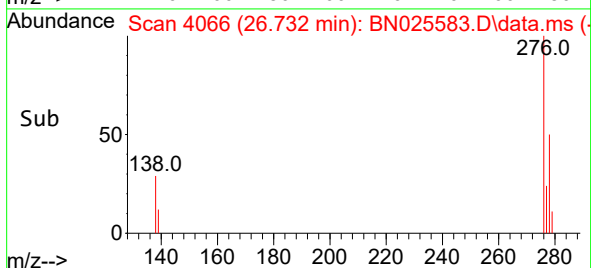
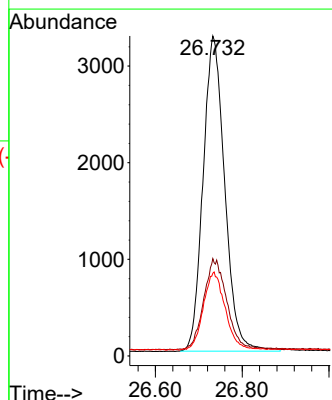
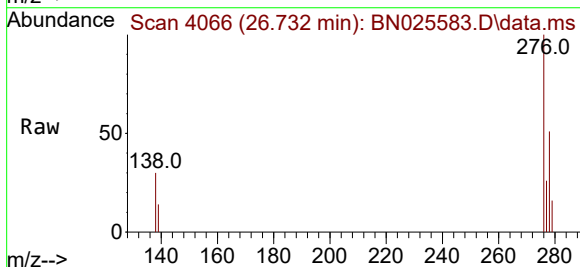
Tgt Ion:276 Resp: 11302

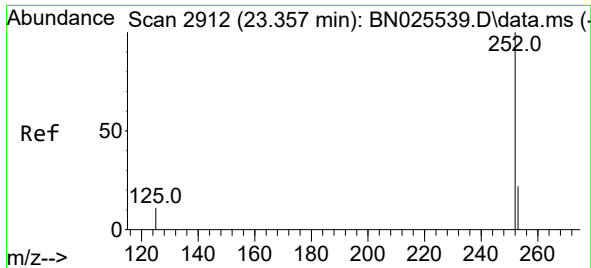
Ion Ratio Lower Upper

276 100

138 30.2 22.8 34.2

277 24.9 19.8 29.6

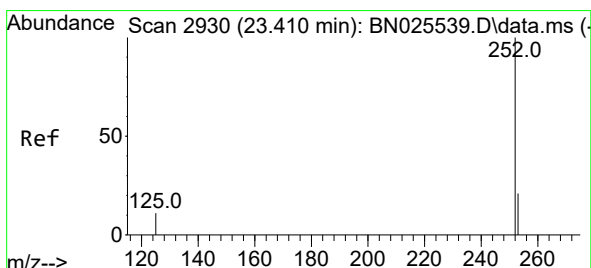
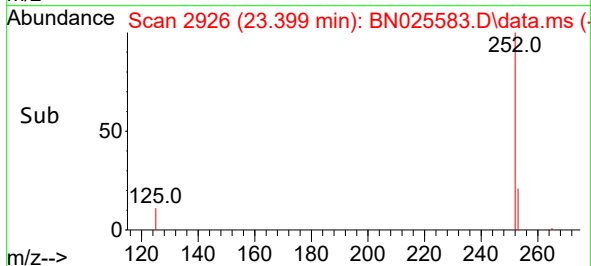
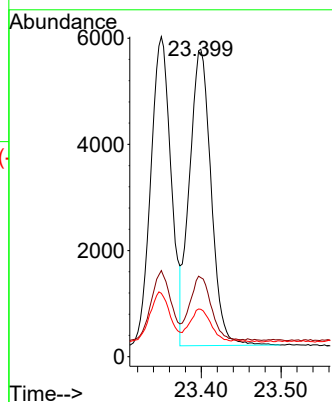
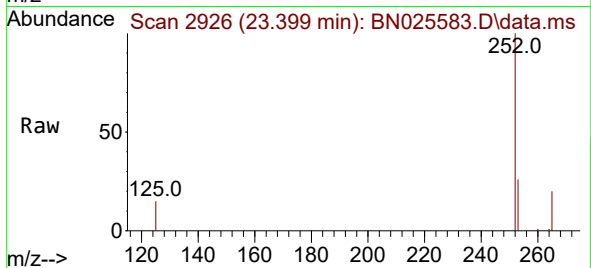




#37  
Benzo(b)fluoranthene  
Concen: 0.205 ng  
RT: 23.399 min Scan# 2912  
Delta R.T. 0.042 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

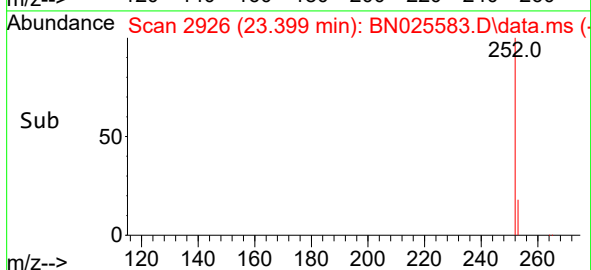
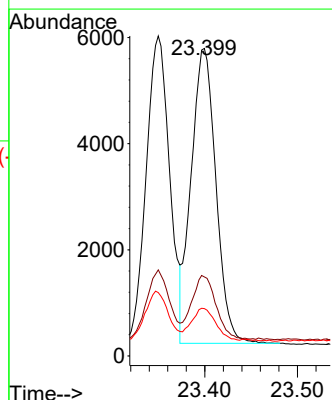
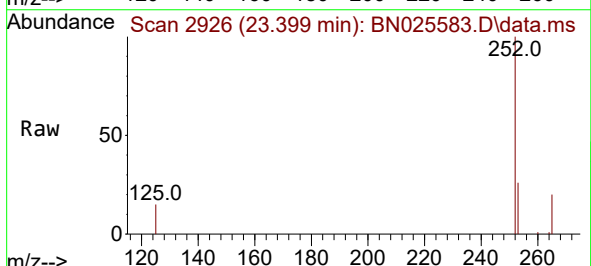
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023

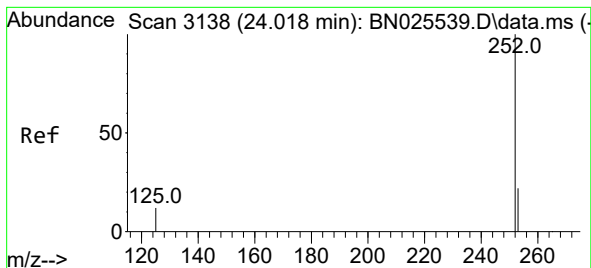
Tgt Ion:252 Resp: 10509  
Ion Ratio Lower Upper  
252 100  
253 25.7 19.7 29.5  
125 15.4 11.3 16.9



#38  
Benzo(k)fluoranthene  
Concen: 0.198 ng  
RT: 23.399 min Scan# 2926  
Delta R.T. -0.010 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Tgt Ion:252 Resp: 10320  
Ion Ratio Lower Upper  
252 100  
253 25.7 19.4 29.2  
125 15.4 10.9 16.3





#39

Benzo(a)pyrene

Concen: 0.200 ng

RT: 24.005 min Scan# 31

Delta R.T. -0.013 min

Lab File: BN025583.D

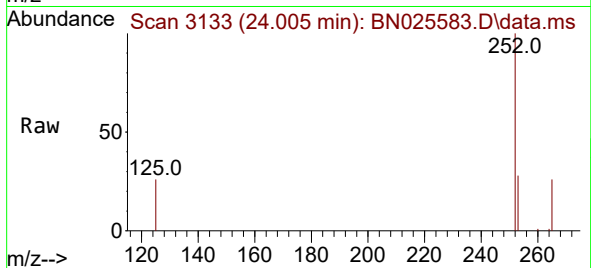
Acq: 24 May 2023 10:53

Instrument :

BNA\_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023



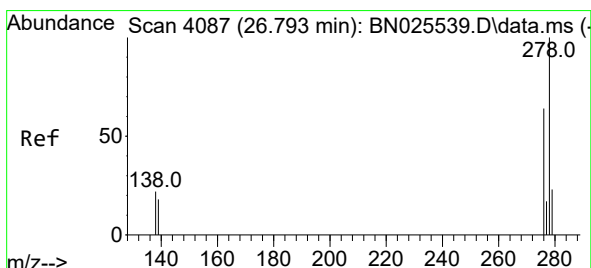
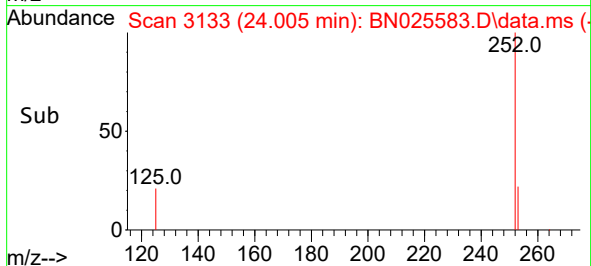
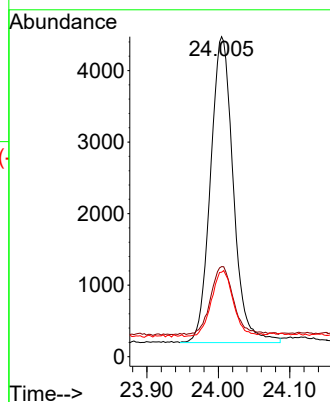
Tgt Ion:252 Resp: 9446

Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

125 26.4 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.188 ng

RT: 26.750 min Scan# 4072

Delta R.T. -0.043 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

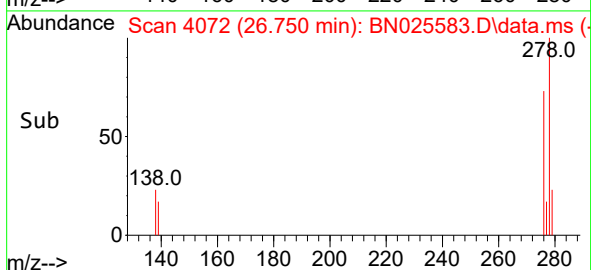
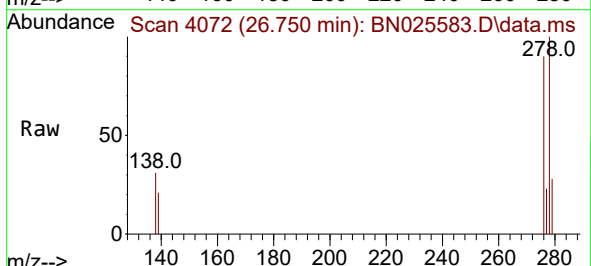
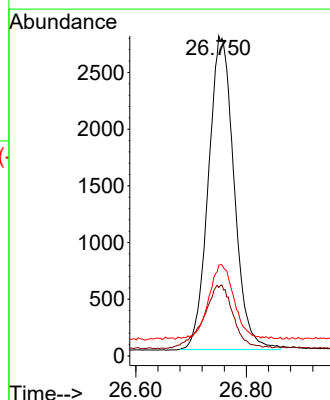
Tgt Ion:278 Resp: 8891

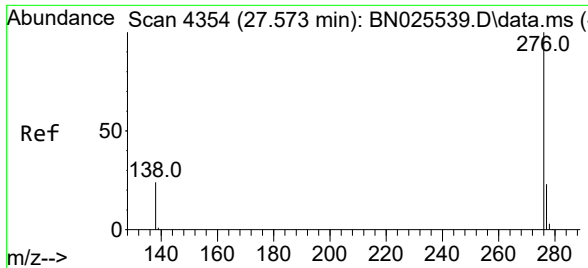
Ion Ratio Lower Upper

278 100

139 21.4 15.8 23.6

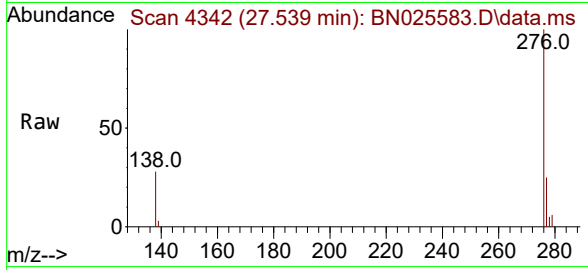
279 28.3 21.0 31.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.187 ng  
RT: 27.539 min Scan# 41  
Delta R.T. -0.034 min  
Lab File: BN025583.D  
Acq: 24 May 2023 10:53

Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-SOIL-02-QT2-2023



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 9269  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.4  | 19.3  | 28.9  |
| 138      | 27.6  | 20.6  | 30.8  |

