

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023683.D
 Acq On : 17 Jan 2023 15:44
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL 0.2ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

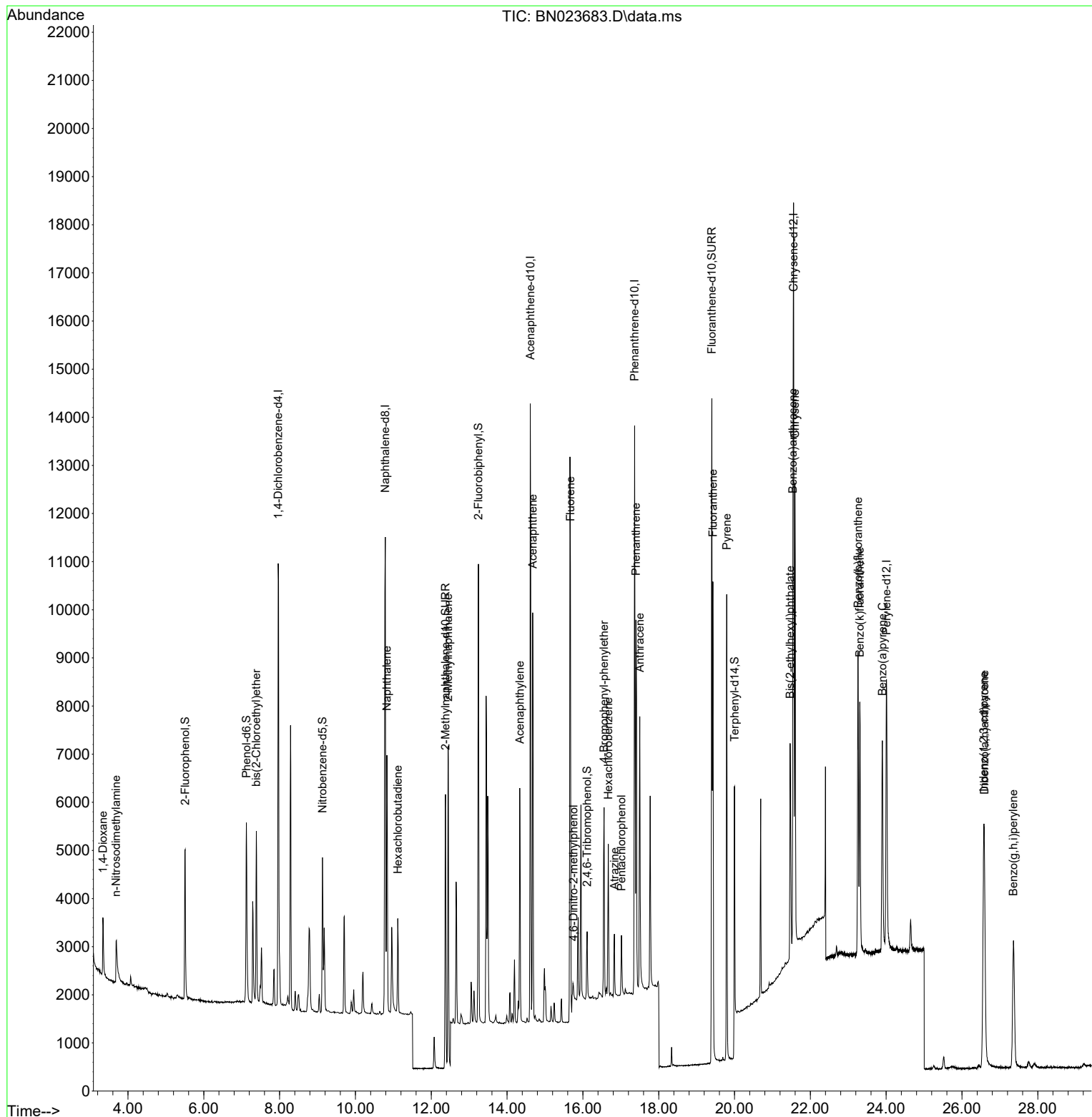
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	4488	0.400	ng	0.01
7) Naphthalene-d8	10.786	136	13187	0.400	ng	0.02
13) Acenaphthene-d10	14.613	164	6945	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	14706	0.400	ng	0.01
29) Chrysene-d12	21.558	240	11593	0.400	ng	# 0.01
35) Perylene-d12	24.008	264	8660	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	2709	0.304	ng	0.01
5) Phenol-d6	7.125	99	3505	0.305	ng	0.02
8) Nitrobenzene-d5	9.132	82	2597	0.262	ng	0.02
11) 2-Methylnaphthalene-d10	12.374	152	7748	0.426	ng	0.02
14) 2,4,6-Tribromophenol	16.111	330	788	0.262	ng	0.01
15) 2-Fluorobiphenyl	13.244	172	7855	0.280	ng	0.02
27) Fluoranthene-d10	19.401	212	15453	0.429	ng	0.01
31) Terphenyl-d14	20.000	244	8765	0.299	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	775	0.193	ng	96
3) n-Nitrosodimethylamine	3.687	42	383	0.085	ng	# 1
6) bis(2-Chloroethyl)ether	7.385	93	2669	0.221	ng	99
9) Naphthalene	10.829	128	6948	0.199	ng	98
10) Hexachlorobutadiene	11.117	225	1473	0.209	ng	# 99
12) 2-Methylnaphthalene	12.446	142	5199	0.208	ng	99
16) Acenaphthylene	14.335	152	5176	0.185	ng	100
17) Acenaphthene	14.677	154	3875	0.189	ng	97
18) Fluorene	15.671	166	5384	0.195	ng	98
20) 4,6-Dinitro-2-methylph...	15.751	198	265	0.166	ng	# 53
21) 4-Bromophenyl-phenylether	16.558	248	1622	0.193	ng	93
22) Hexachlorobenzene	16.670	284	2195	0.209	ng	100
23) Atrazine	16.831	200	1043	0.180	ng	95
24) Pentachlorophenol	17.017	266	640	0.176	ng	97
25) Phenanthrene	17.402	178	8384	0.195	ng	100
26) Anthracene	17.501	178	6464	0.187	ng	100
28) Fluoranthene	19.431	202	8752	0.180	ng	99
30) Pyrene	19.793	202	8589	0.193	ng	100
32) Benzo(a)anthracene	21.540	228	6894	0.184	ng	98
33) Chrysene	21.594	228	8315	0.201	ng	99
34) Bis(2-ethylhexyl)phtha...	21.468	149	3540	0.202	ng	99
36) Indeno(1,2,3-cd)pyrene	26.572	276	7415	0.191	ng	98
37) Benzo(b)fluoranthene	23.256	252	7898	0.213	ng	# 89
38) Benzo(k)fluoranthene	23.306	252	7117	0.197	ng	# 91
39) Benzo(a)pyrene	23.900	252	6477	0.232	ng	# 81
40) Dibenzo(a,h)anthracene	26.589	278	5853	0.188	ng	93
41) Benzo(g,h,i)perylene	27.358	276	6029	0.190	ng	94

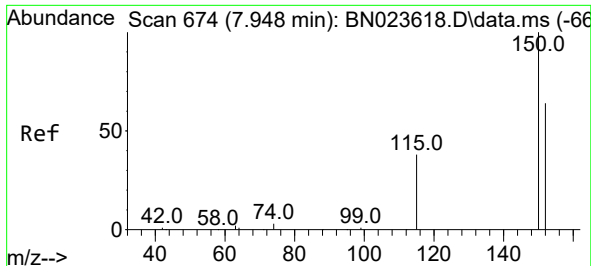
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023683.D
 Acq On : 17 Jan 2023 15:44
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL 0.2ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

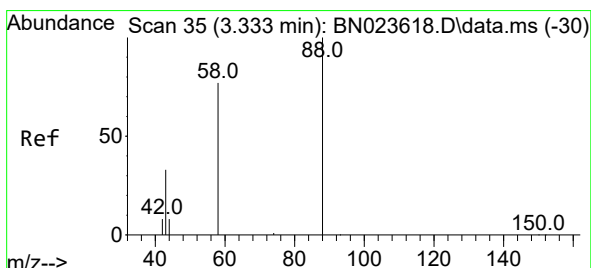
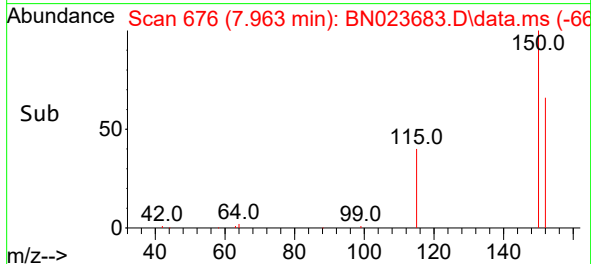
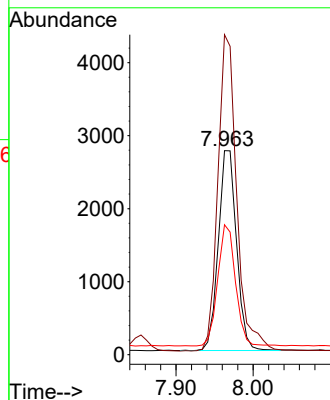
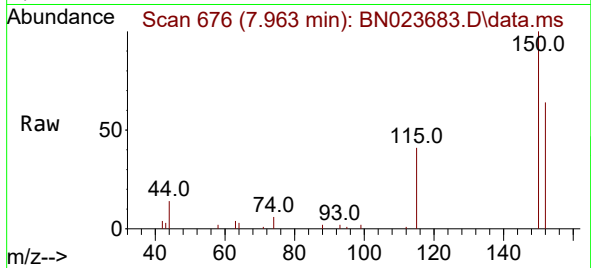




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

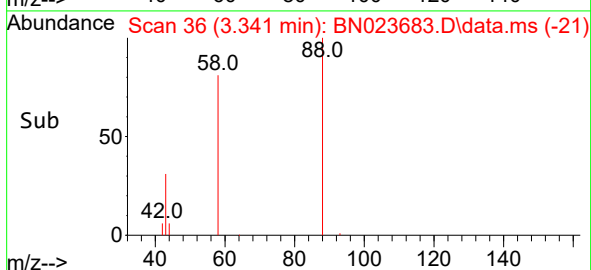
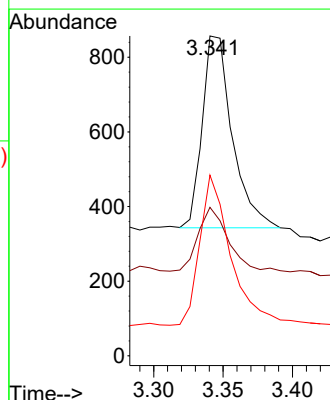
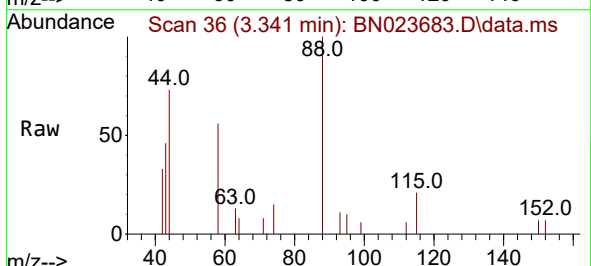
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

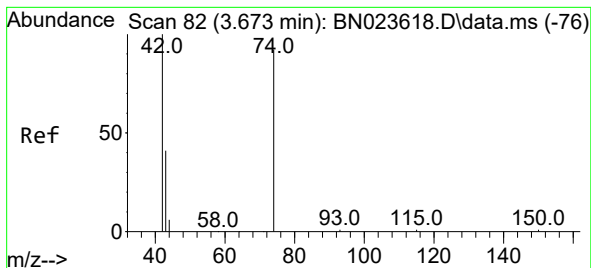
Tgt Ion:152 Resp: 4488
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.8
115 63.7 50.6 75.8



#2
1,4-Dioxane
Concen: 0.193 ng
RT: 3.341 min Scan# 36
Delta R.T. 0.007 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion: 88 Resp: 775
Ion Ratio Lower Upper
88 100
43 32.9 26.2 39.2
58 80.5 60.6 90.8





#3

n-Nitrosodimethylamine

Concen: 0.085 ng

RT: 3.687 min Scan# 84

Delta R.T. 0.014 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

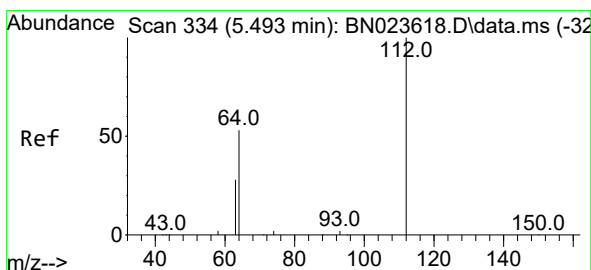
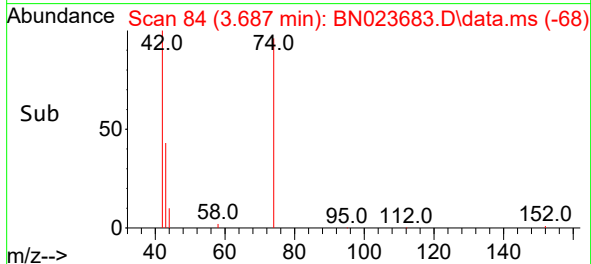
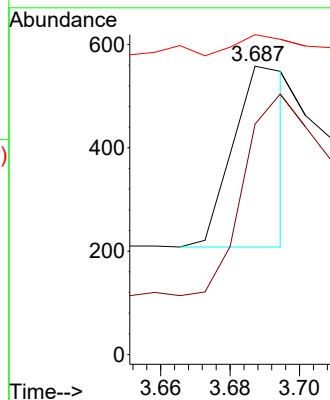
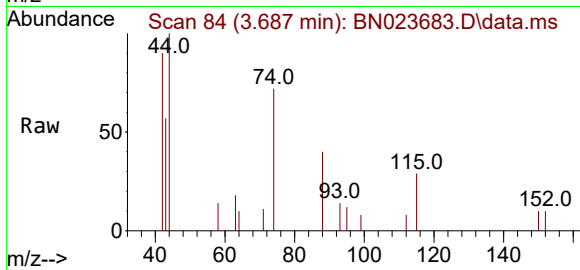
Tgt Ion: 42 Resp: 383

Ion Ratio Lower Upper

42 100

74 259.5 92.1 138.1#

44 34.7 5.4 8.0#



#4

2-Fluorophenol

Concen: 0.304 ng

RT: 5.507 min Scan# 336

Delta R.T. 0.014 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

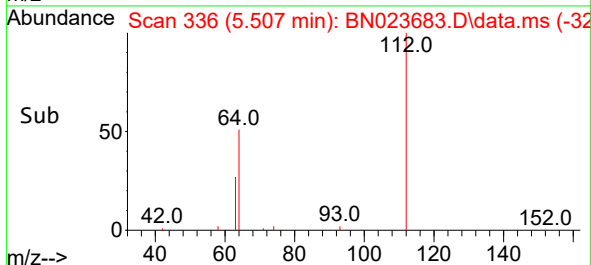
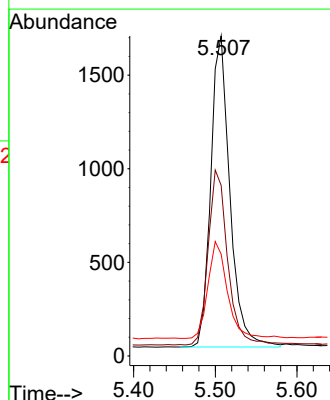
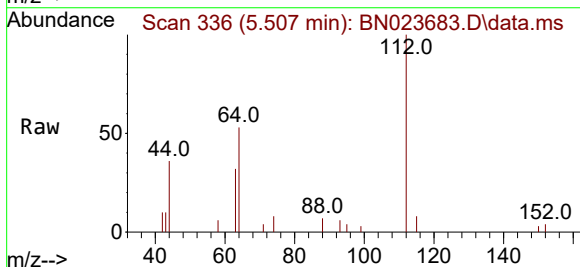
Tgt Ion: 112 Resp: 2709

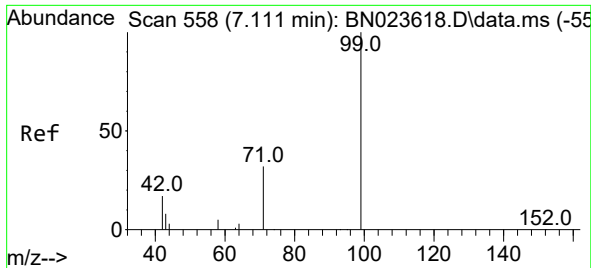
Ion Ratio Lower Upper

112 100

64 58.0 44.9 67.3

63 32.0 24.9 37.3

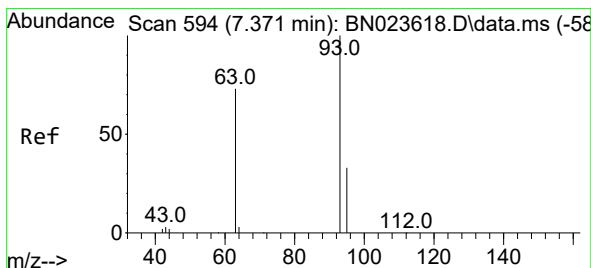
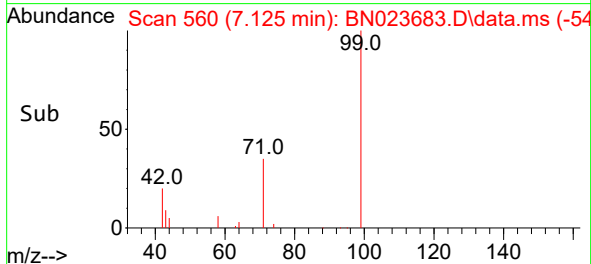
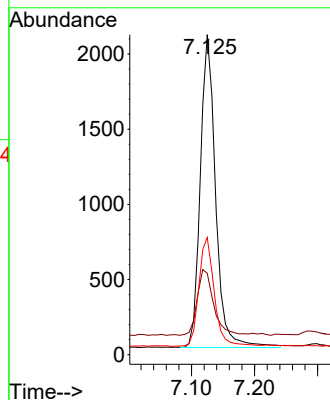
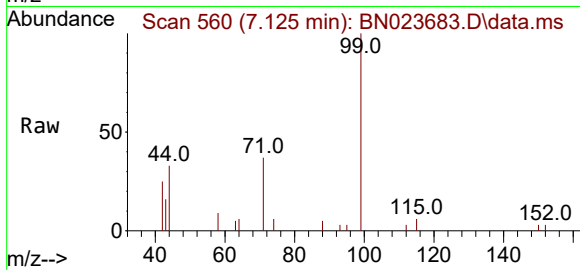




#5
Phenol-d6
Concen: 0.305 ng
RT: 7.125 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

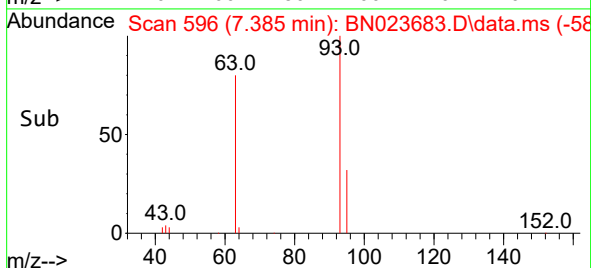
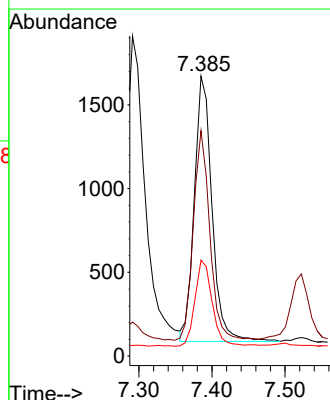
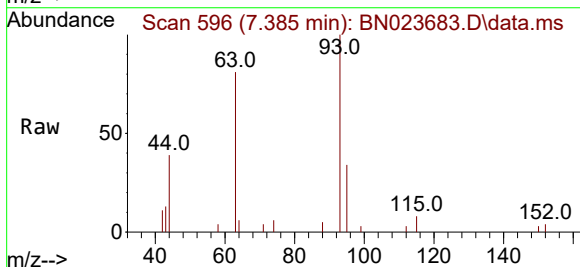
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

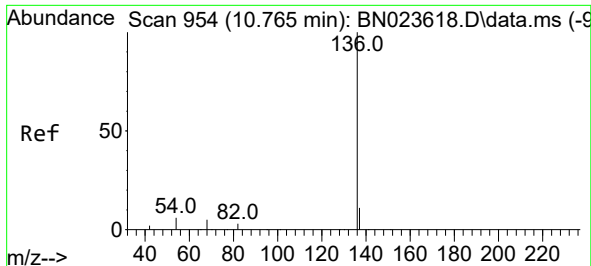
Tgt Ion: 99 Resp: 3505
Ion Ratio Lower Upper
99 100
42 21.9 18.8 28.2
71 35.3 28.2 42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 7.385 min Scan# 596
Delta R.T. 0.014 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion: 93 Resp: 2669
Ion Ratio Lower Upper
93 100
63 73.7 59.6 89.4
95 31.7 25.3 37.9

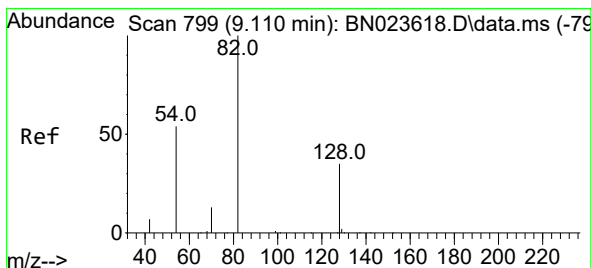
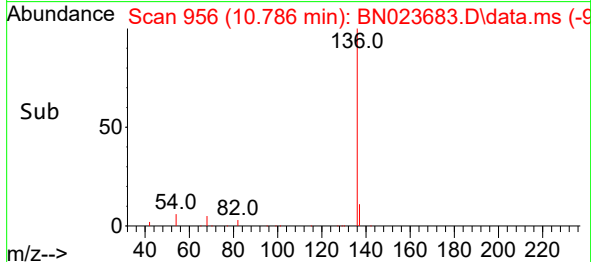
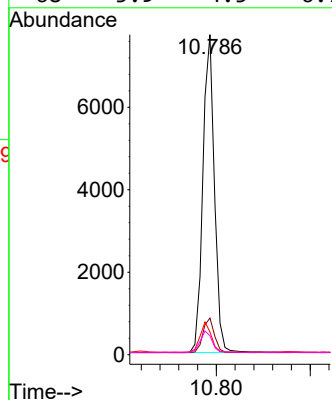
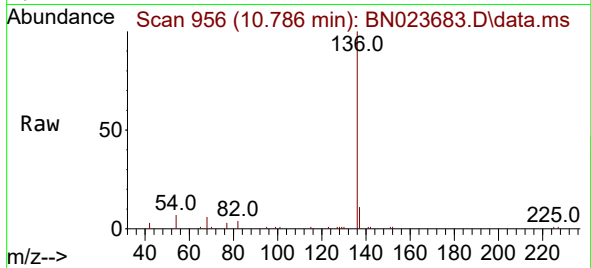




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

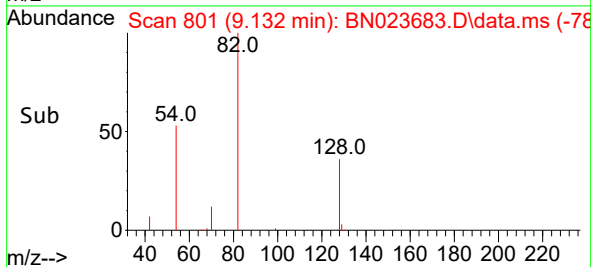
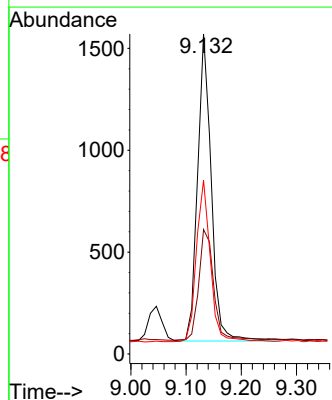
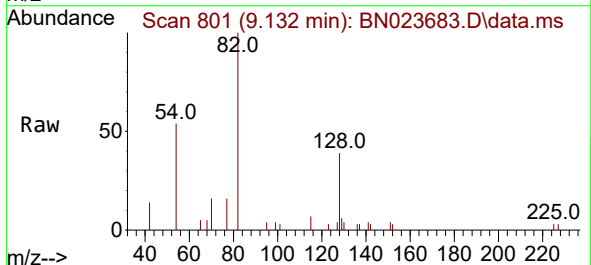
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

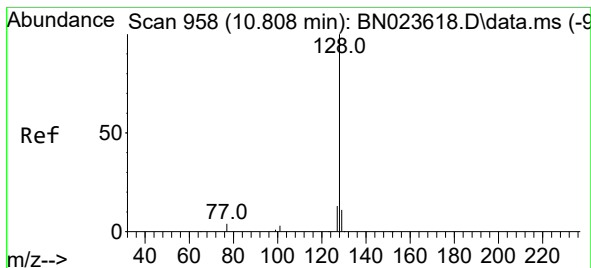
Tgt Ion:	136	Resp:	13187
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.1	5.7	8.5
68	5.9	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.132 min Scan# 801
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:	82	Resp:	2597
Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.8	44.8
54	54.3	43.9	65.9





#9

Naphthalene

Concen: 0.199 ng

RT: 10.829 min Scan# 9

Delta R.T. 0.011 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

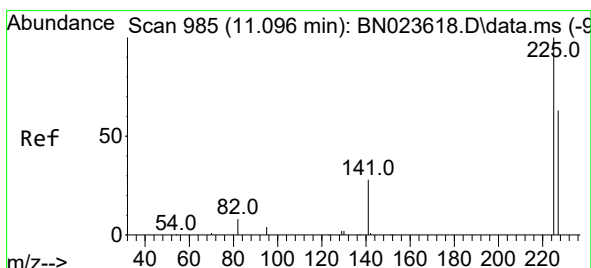
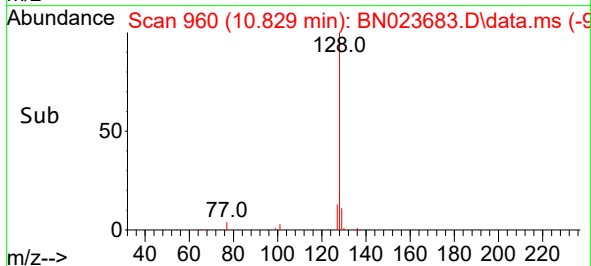
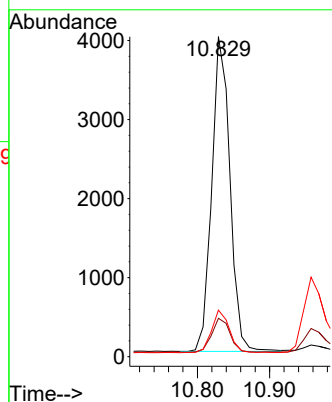
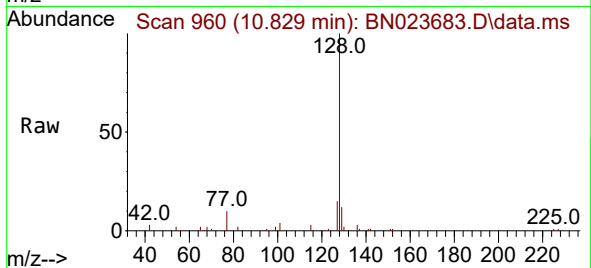
Tgt Ion:128 Resp: 6948

Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

127 14.5 11.0 16.4



#10

Hexachlorobutadiene

Concen: 0.209 ng

RT: 11.117 min Scan# 987

Delta R.T. 0.021 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

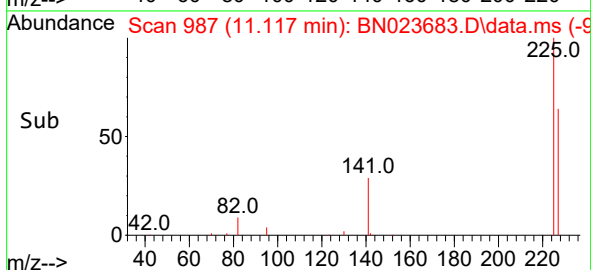
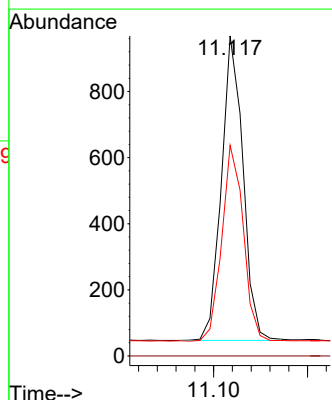
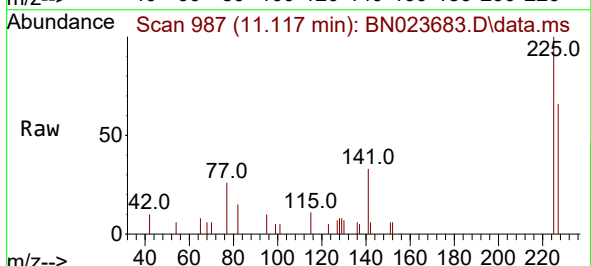
Tgt Ion:225 Resp: 1473

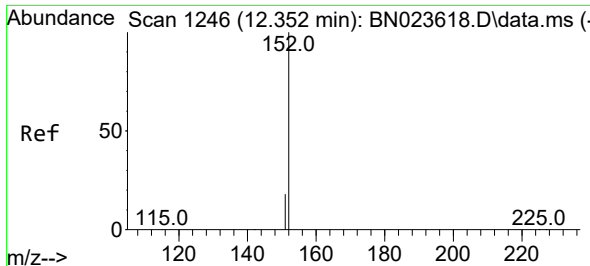
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 51.8 77.6

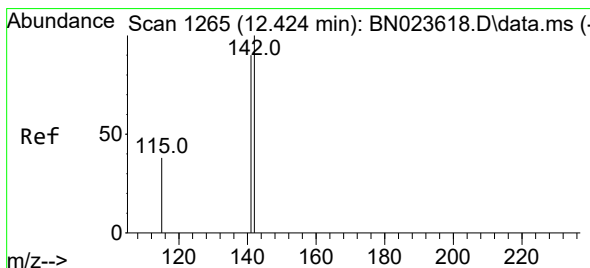
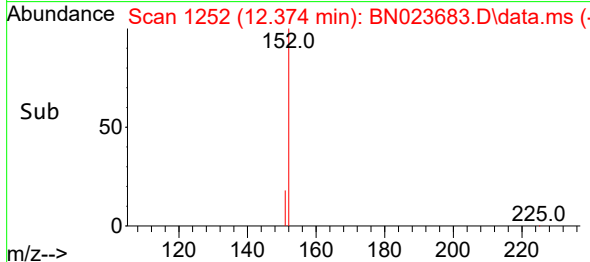
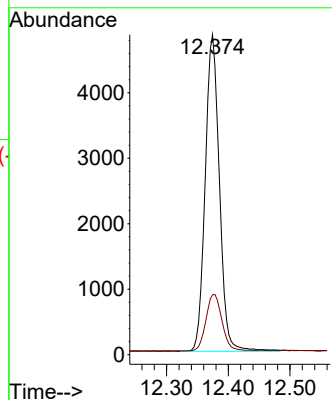
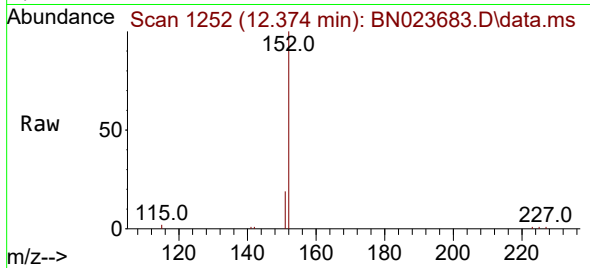




#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.374 min Scan# 1271
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

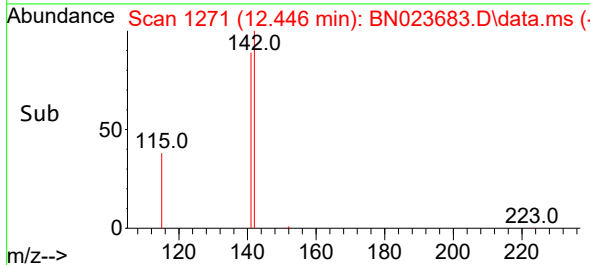
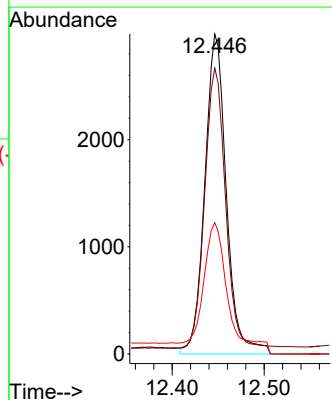
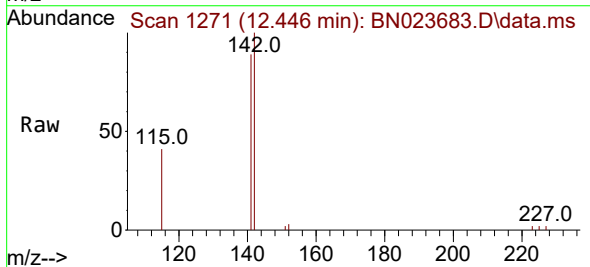
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

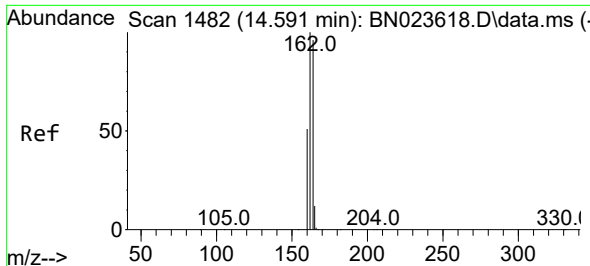
Tgt Ion:152 Resp: 7748
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.208 ng
RT: 12.446 min Scan# 1271
Delta R.T. 0.015 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:142 Resp: 5199
Ion Ratio Lower Upper
142 100
141 89.3 72.0 108.0
115 41.0 31.7 47.5

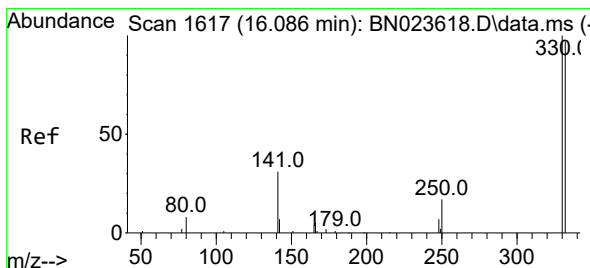
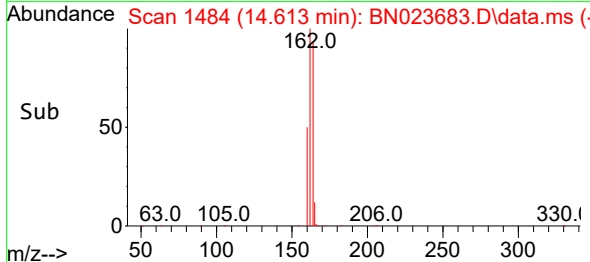
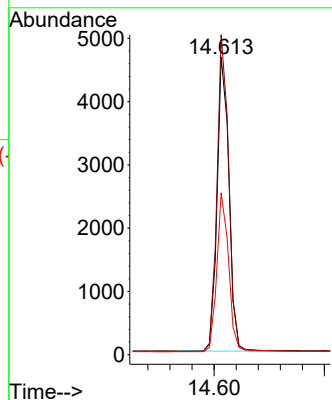
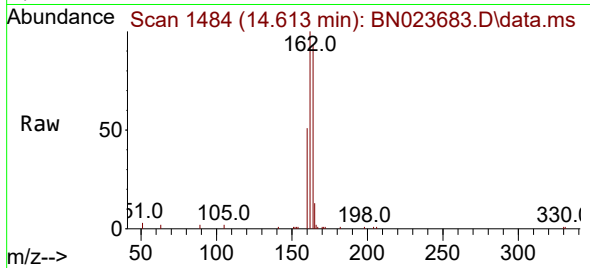




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.613 min Scan# 1484
Delta R.T. 0.011 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

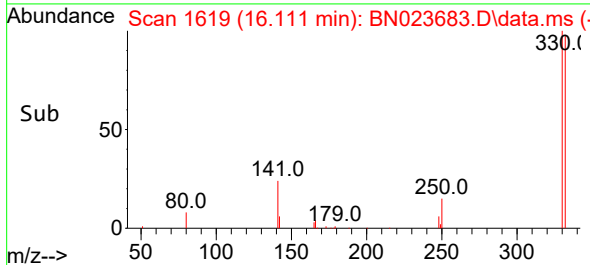
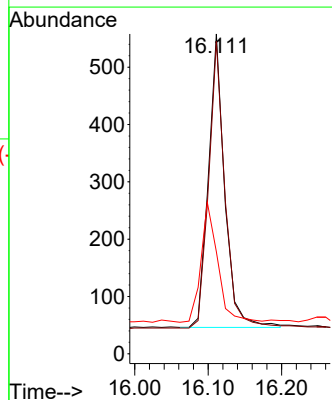
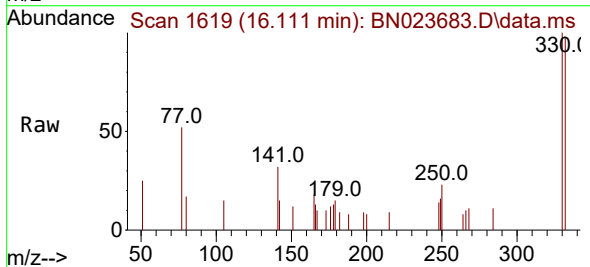
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

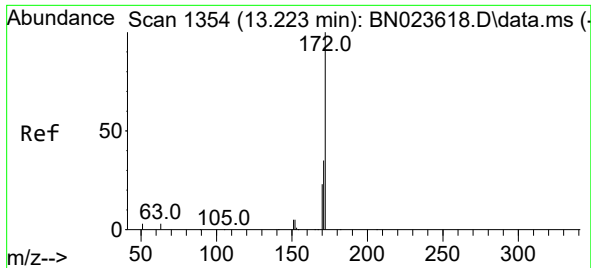
Tgt Ion:164 Resp: 6945
Ion Ratio Lower Upper
164 100
162 107.5 83.4 125.2
160 54.4 42.7 64.1



#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 16.111 min Scan# 1619
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:330 Resp: 788
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 42.0 33.4 50.0

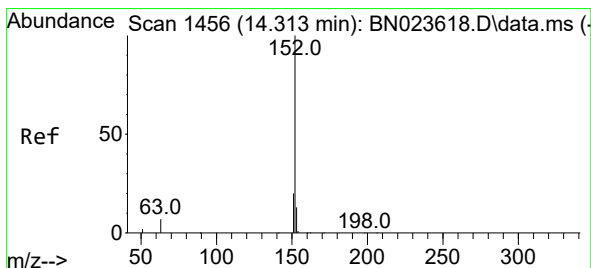
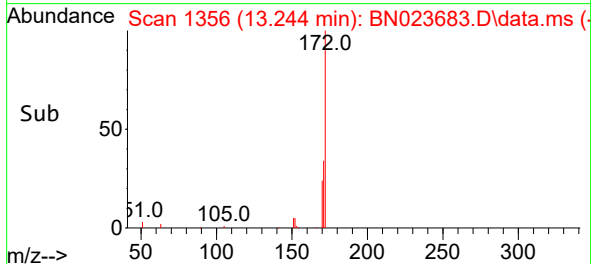
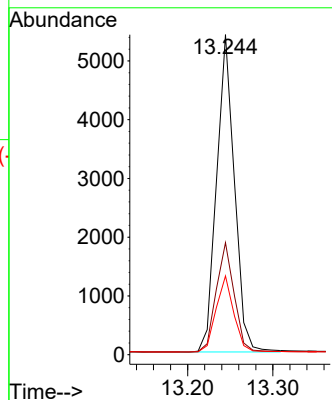
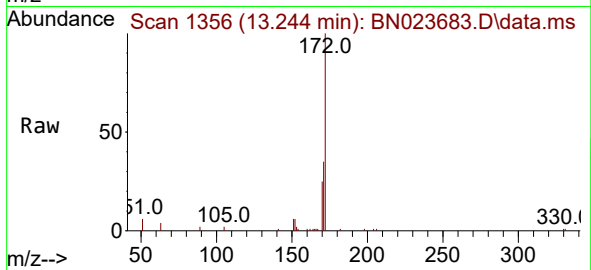




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.244 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

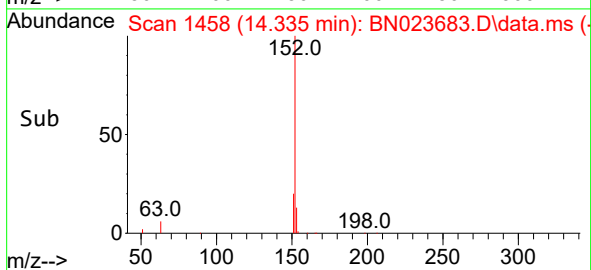
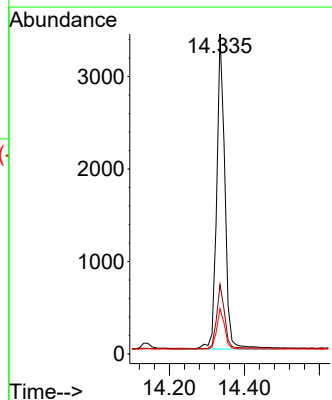
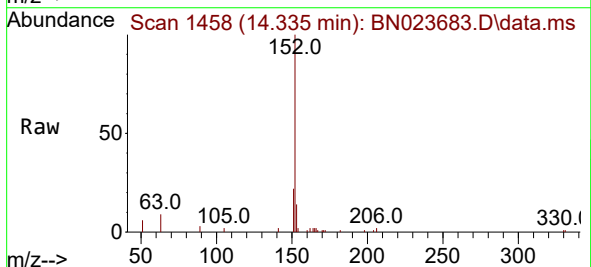
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

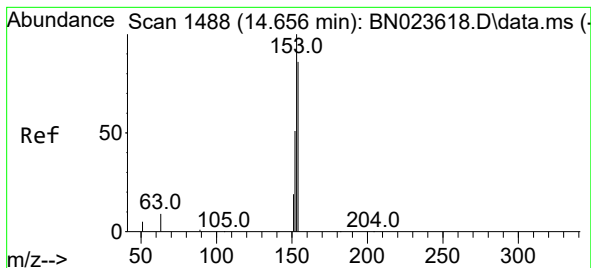
Tgt Ion:172 Resp: 7855
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.6 19.0 28.4



#16
Acenaphthylene
Concen: 0.185 ng
RT: 14.335 min Scan# 1458
Delta R.T. 0.011 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:152 Resp: 5176
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.189 ng

RT: 14.677 min Scan# 1488

Delta R.T. 0.011 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

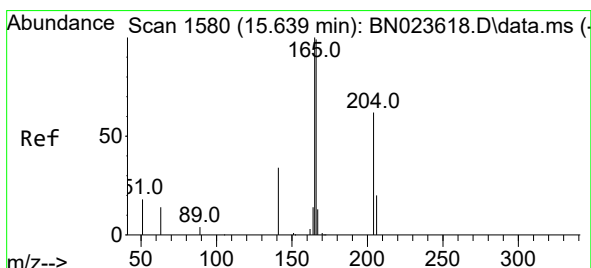
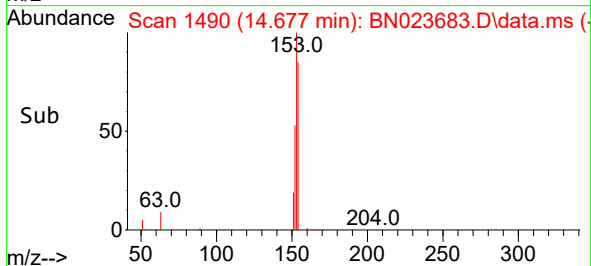
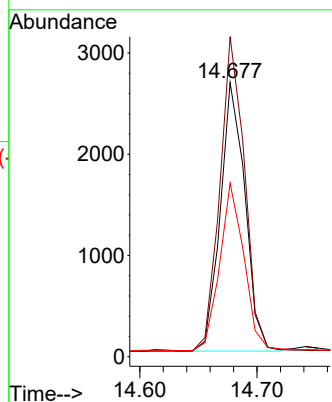
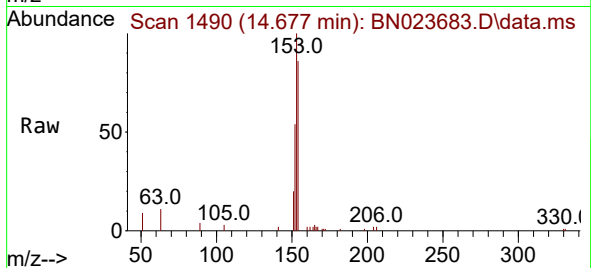
Tgt Ion:154 Resp: 3875

Ion Ratio Lower Upper

154 100

153 118.6 92.4 138.6

152 62.2 48.2 72.2



#18

Fluorene

Concen: 0.195 ng

RT: 15.671 min Scan# 1583

Delta R.T. 0.021 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

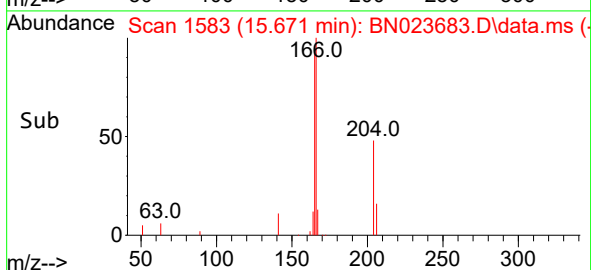
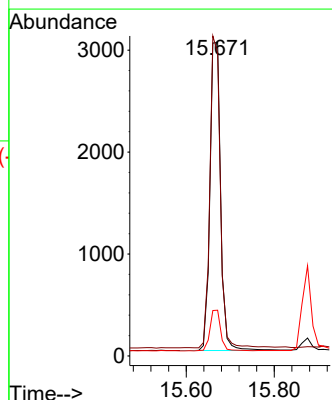
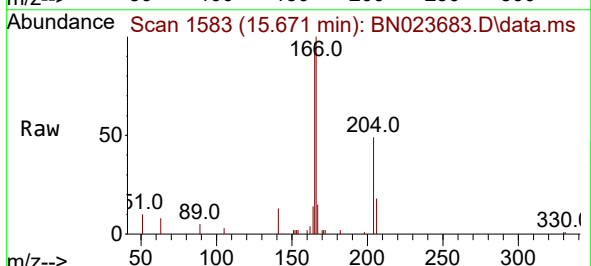
Tgt Ion:166 Resp: 5384

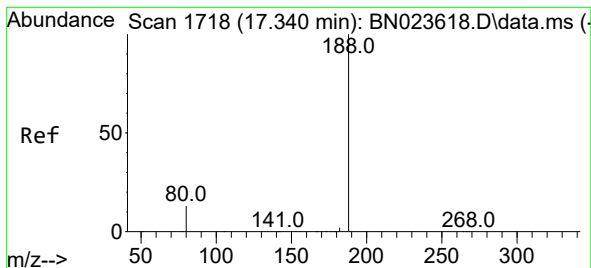
Ion Ratio Lower Upper

166 100

165 98.9 80.4 120.6

167 12.8 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.365 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

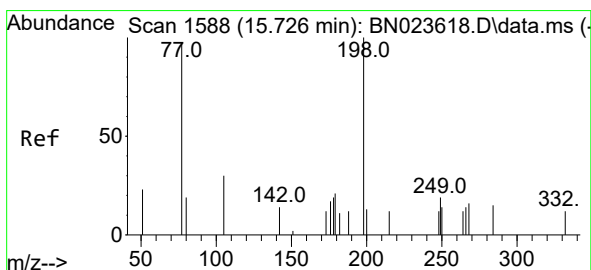
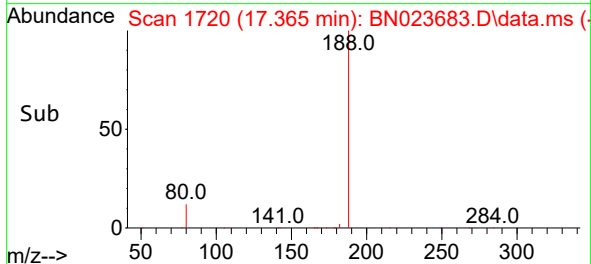
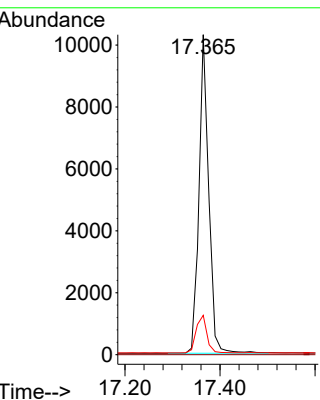
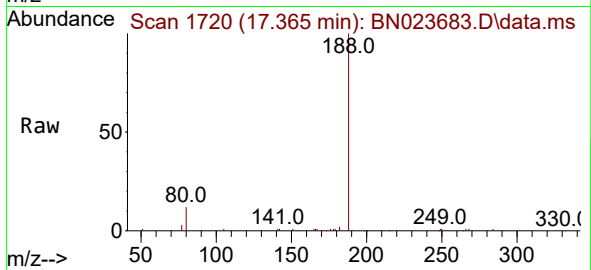
Tgt Ion:188 Resp: 14706

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 11.0 16.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.166 ng

RT: 15.751 min Scan# 1590

Delta R.T. 0.025 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

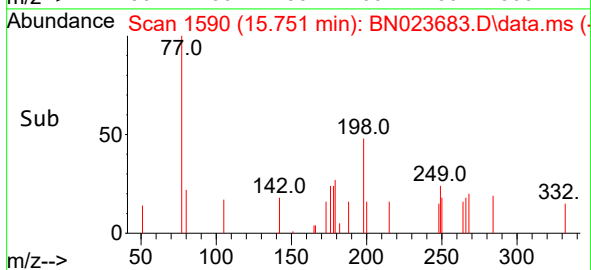
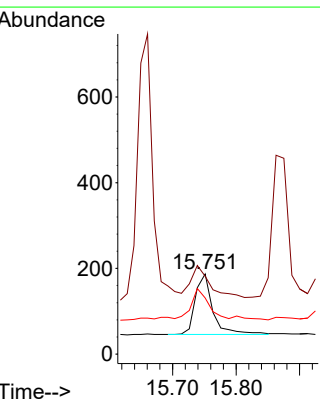
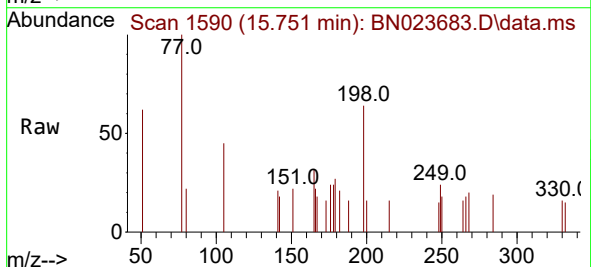
Tgt Ion:198 Resp: 265

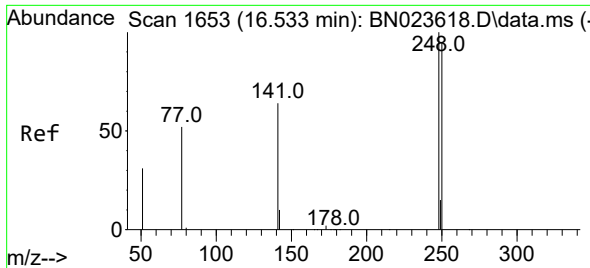
Ion Ratio Lower Upper

198 100

51 97.3 44.9 67.3#

105 70.1 37.0 55.4#

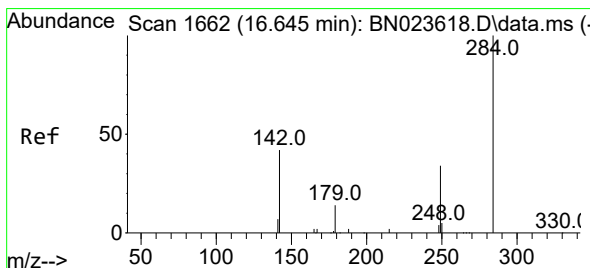
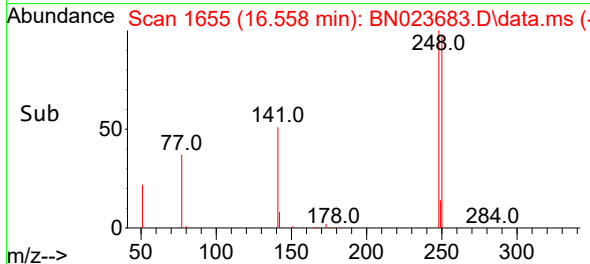
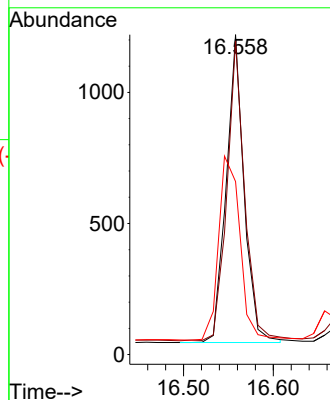
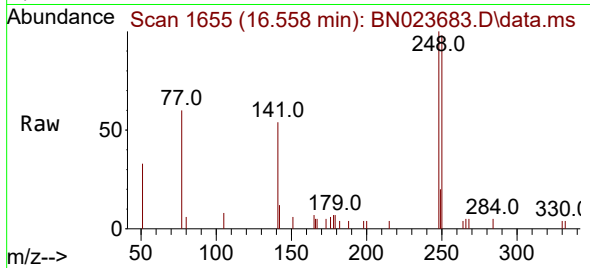




#21
4-Bromophenyl-phenylether
Concen: 0.193 ng
RT: 16.558 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

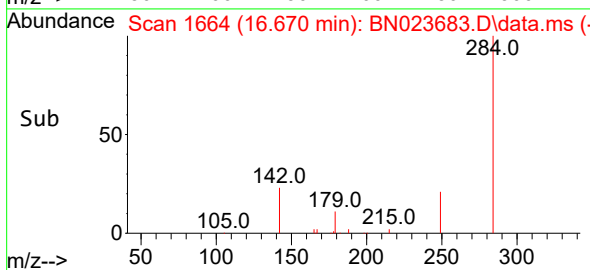
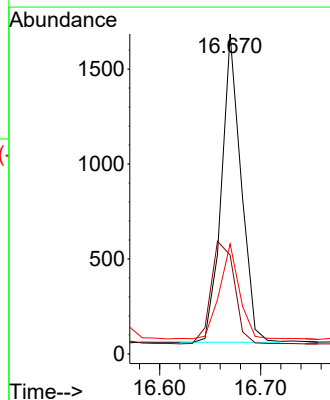
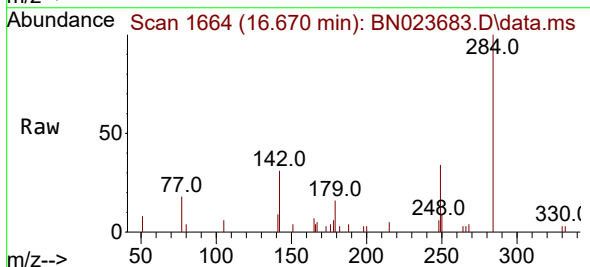
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

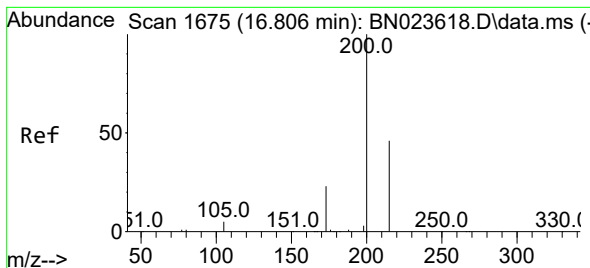
Tgt Ion:248 Resp: 1622
Ion Ratio Lower Upper
248 100
250 98.0 76.6 114.8
141 54.1 52.3 78.5



#22
Hexachlorobenzene
Concen: 0.209 ng
RT: 16.670 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:284 Resp: 2195
Ion Ratio Lower Upper
284 100
142 39.5 31.4 47.2
249 31.0 24.9 37.3





#23

Atrazine

Concen: 0.180 ng

RT: 16.831 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

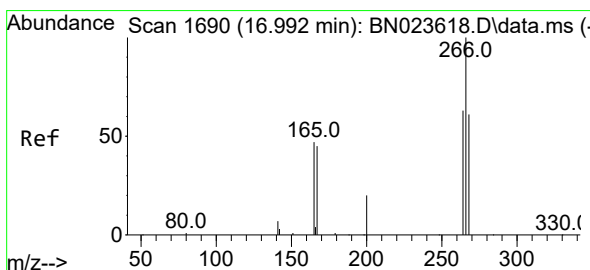
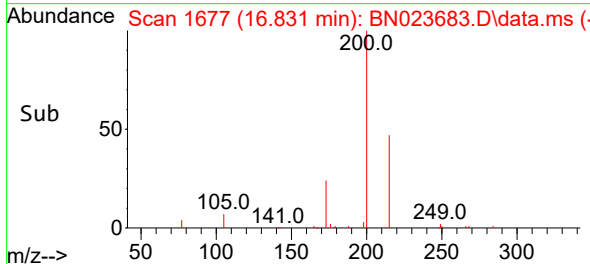
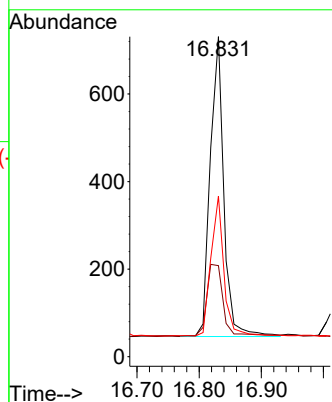
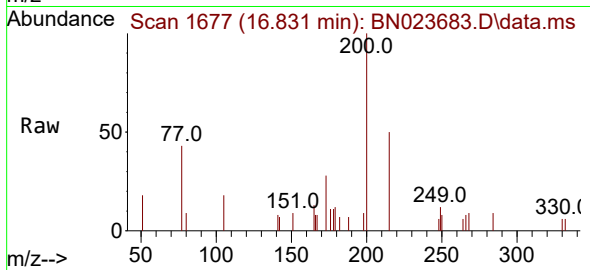
Tgt Ion:200 Resp: 1043

Ion Ratio Lower Upper

200 100

173 28.5 20.4 30.6

215 50.2 38.1 57.1



#24

Pentachlorophenol

Concen: 0.176 ng

RT: 17.017 min Scan# 1692

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

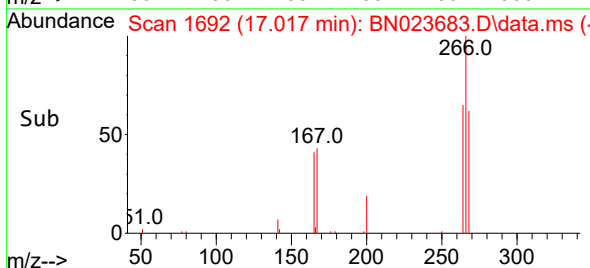
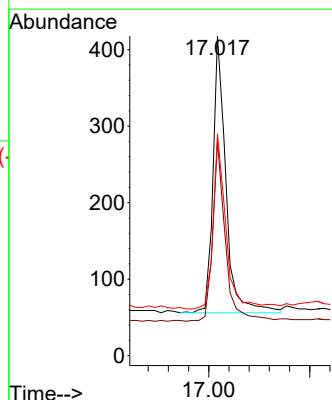
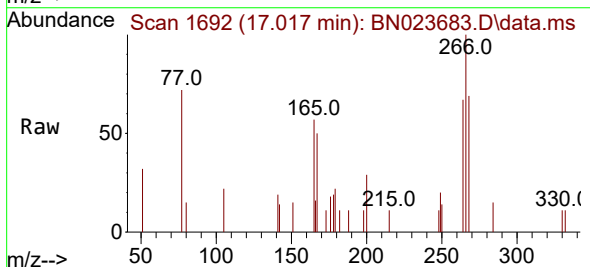
Tgt Ion:266 Resp: 640

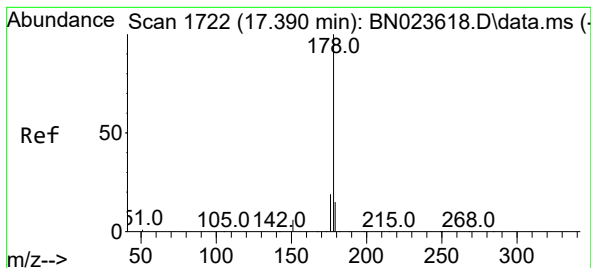
Ion Ratio Lower Upper

266 100

264 64.1 49.7 74.5

268 63.7 49.3 73.9





#25

Phenanthrene

Concen: 0.195 ng

RT: 17.402 min Scan# 1731

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

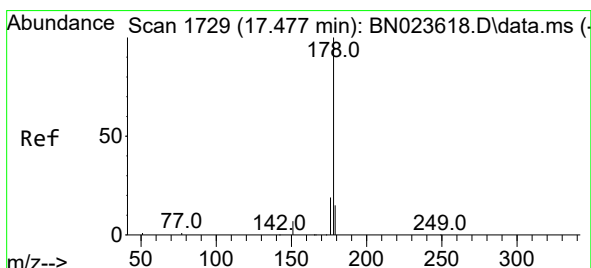
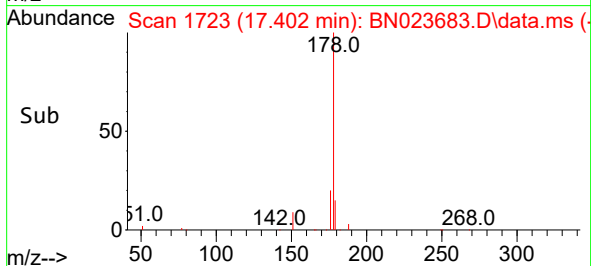
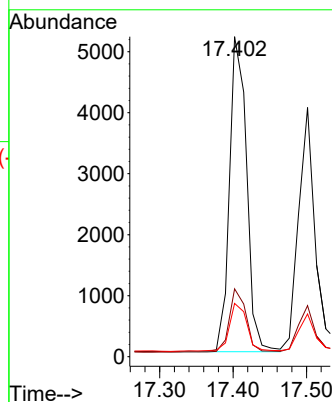
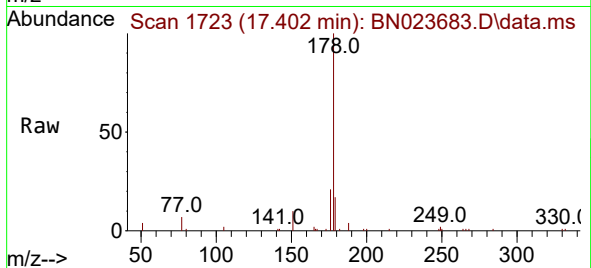
Tgt Ion:178 Resp: 8384

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.9 12.5 18.7



#26

Anthracene

Concen: 0.187 ng

RT: 17.501 min Scan# 1731

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

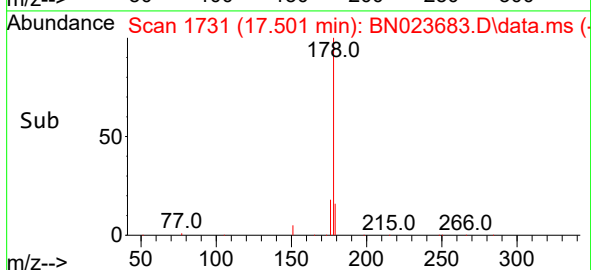
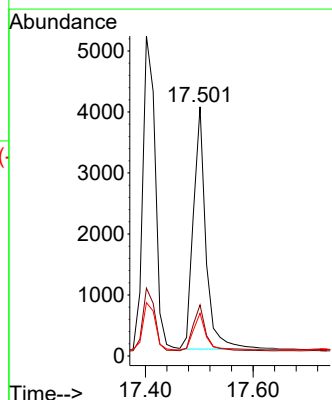
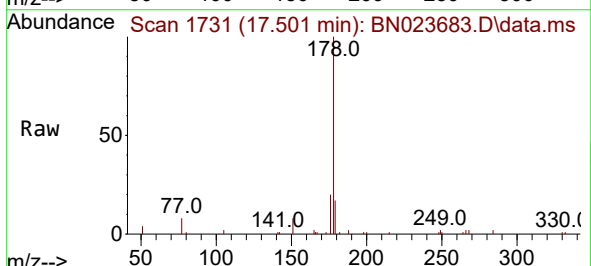
Tgt Ion:178 Resp: 6464

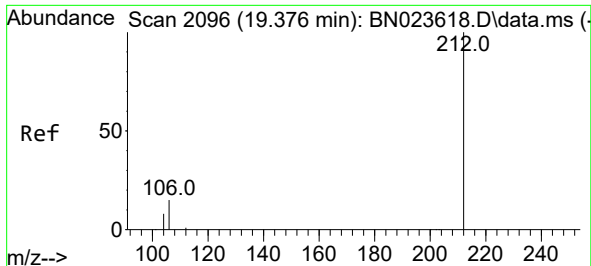
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.2 12.2 18.2

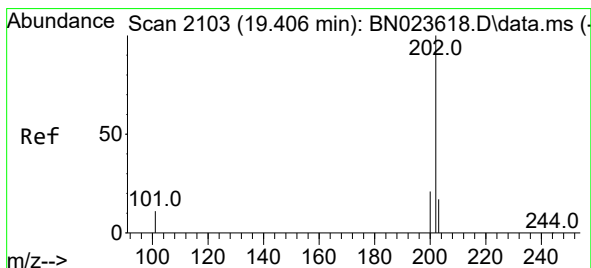
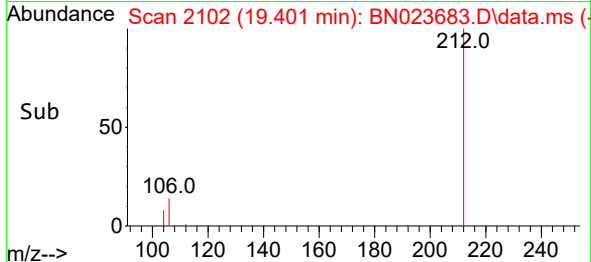
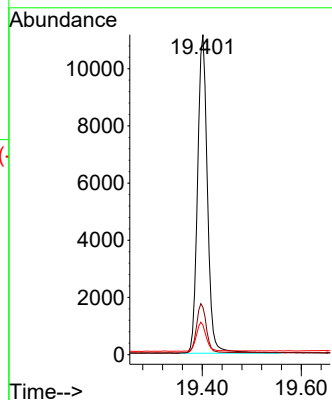
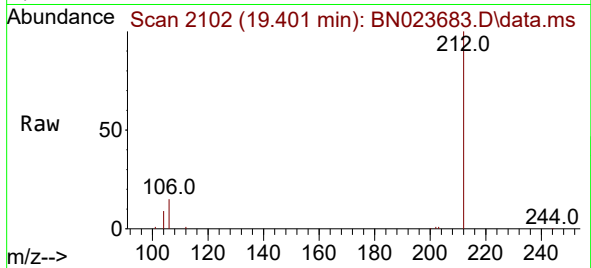




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.401 min Scan# 2109
Delta R.T. 0.013 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

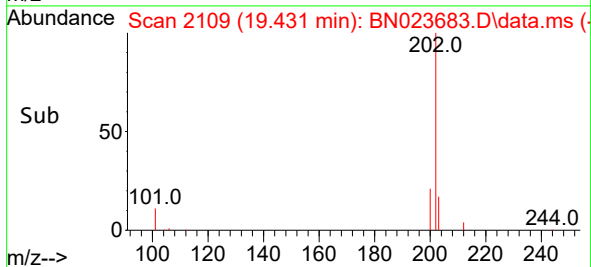
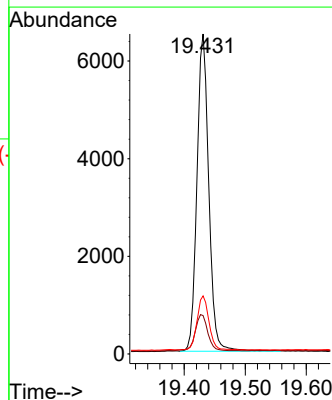
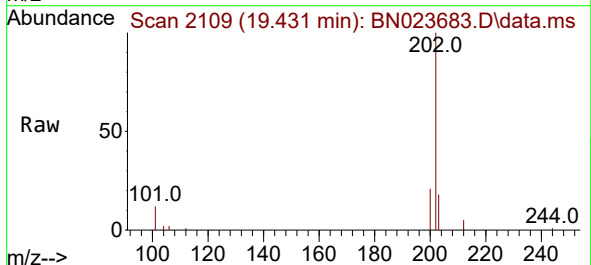
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

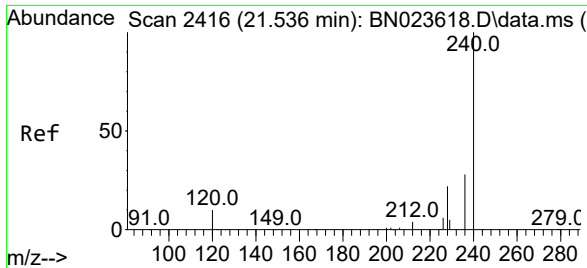
Tgt Ion:212 Resp: 15453
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 9.2 7.1 10.7



#28
Fluoranthene
Concen: 0.180 ng
RT: 19.431 min Scan# 2109
Delta R.T. 0.013 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:202 Resp: 8752
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.558 min Scan# 2419

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

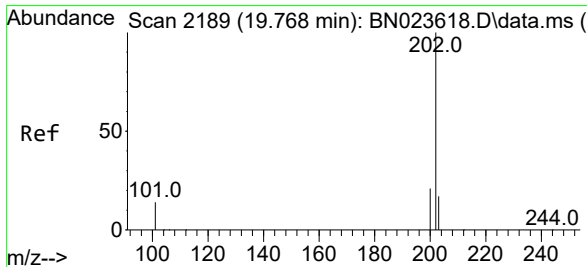
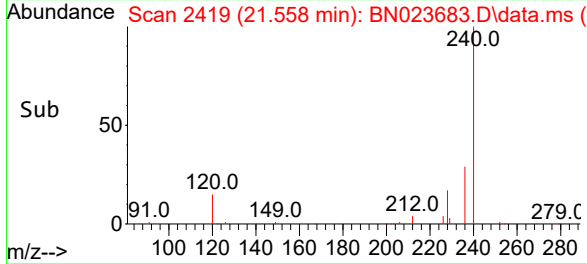
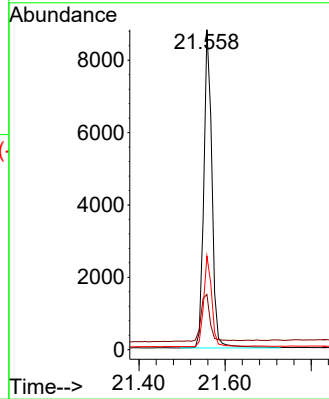
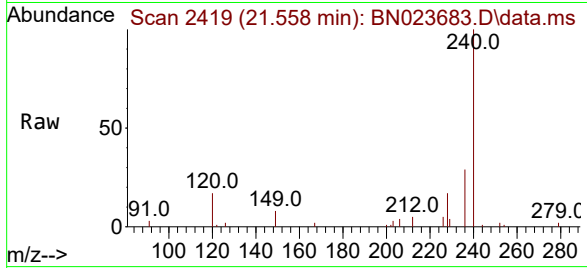
Tgt Ion:240 Resp: 11593

Ion Ratio Lower Upper

240 100

120 17.3 10.6 15.8#

236 29.3 23.0 34.6



#30

Pyrene

Concen: 0.193 ng

RT: 19.793 min Scan# 2195

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

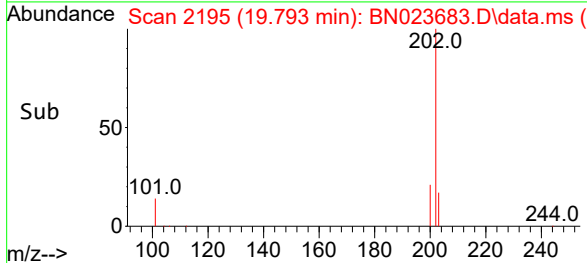
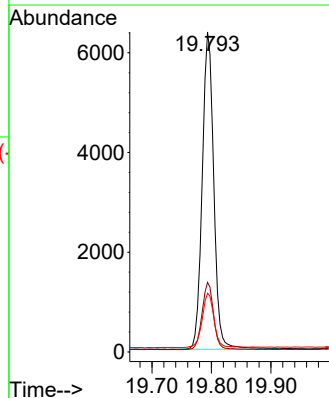
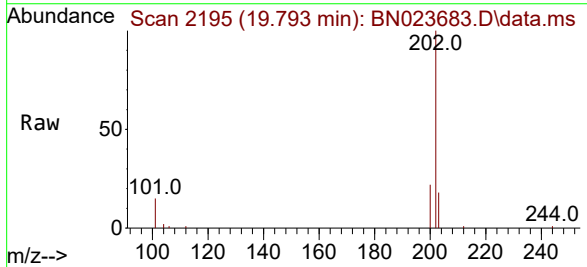
Tgt Ion:202 Resp: 8589

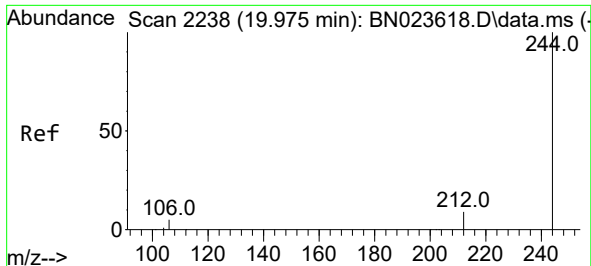
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.2 21.2

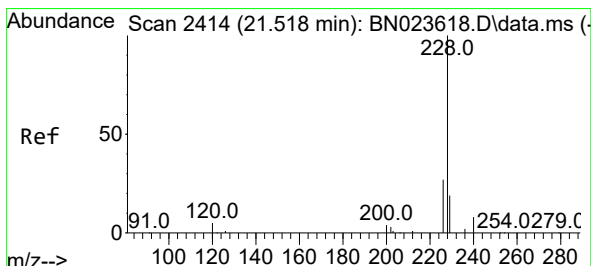
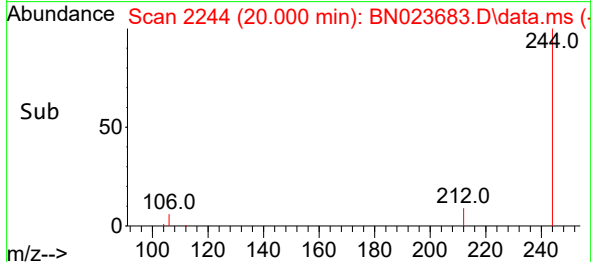
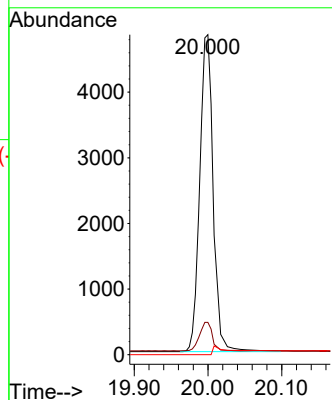
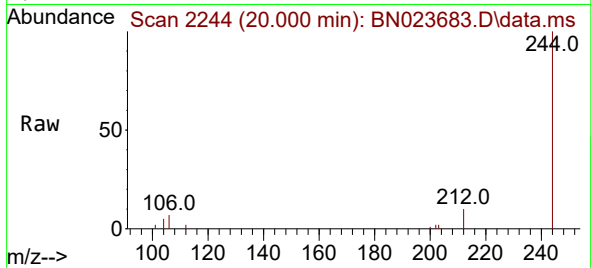




#31
 Terphenyl-d14
 Concen: 0.299 ng
 RT: 20.000 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BN023683.D
 Acq: 17 Jan 2023 15:44

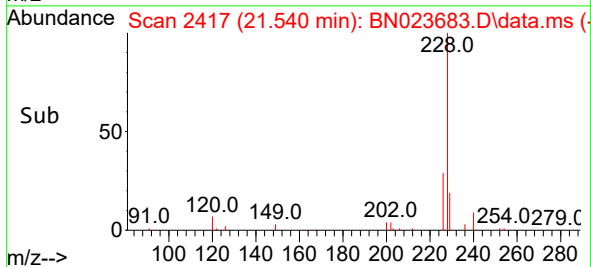
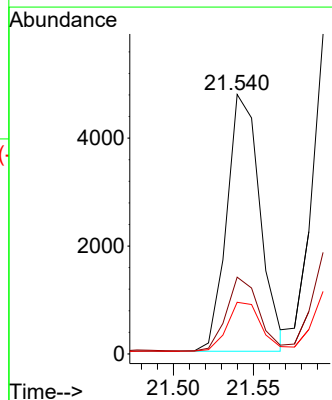
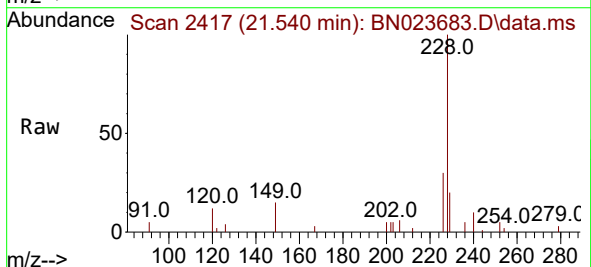
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

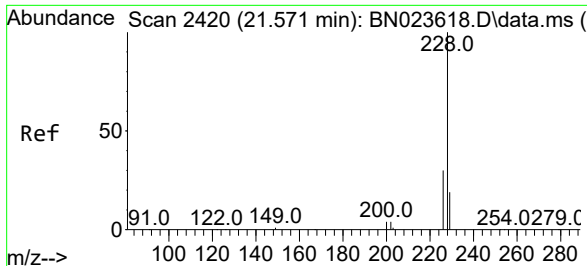
Tgt Ion:244 Resp: 8765
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.5 11.3
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.184 ng
 RT: 21.540 min Scan# 2417
 Delta R.T. 0.013 min
 Lab File: BN023683.D
 Acq: 17 Jan 2023 15:44

Tgt Ion:228 Resp: 6894
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.2 33.2
 229 19.9 15.7 23.5





#33

Chrysene

Concen: 0.201 ng

RT: 21.594 min Scan# 2420

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

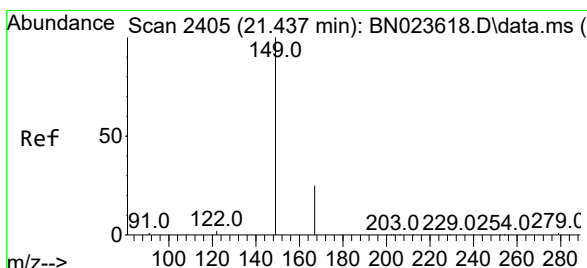
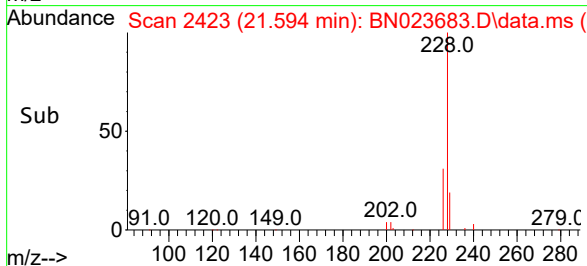
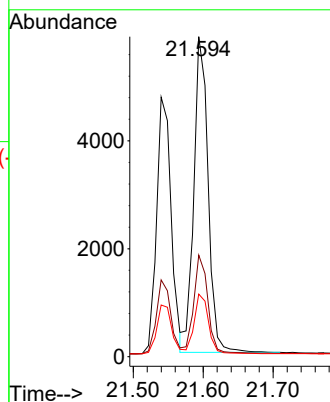
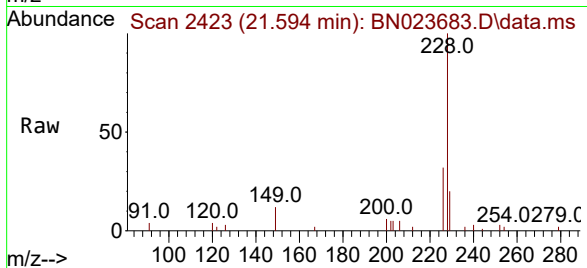
Tgt Ion:228 Resp: 8315

Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

229 19.5 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

RT: 21.468 min Scan# 2409

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

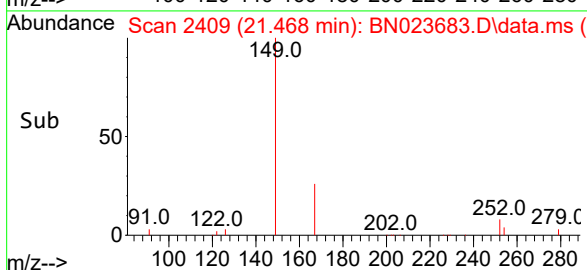
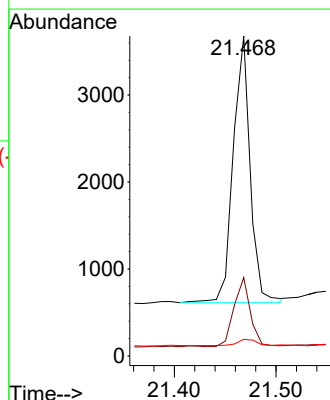
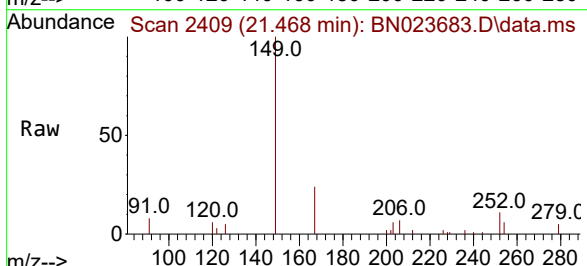
Tgt Ion:149 Resp: 3540

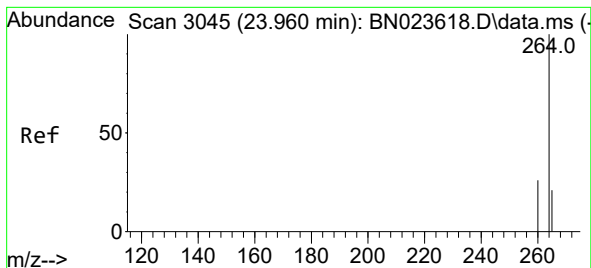
Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

279 3.0 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.008 min Scan# 3045

Delta R.T. 0.025 min

Lab File: BN023683.D

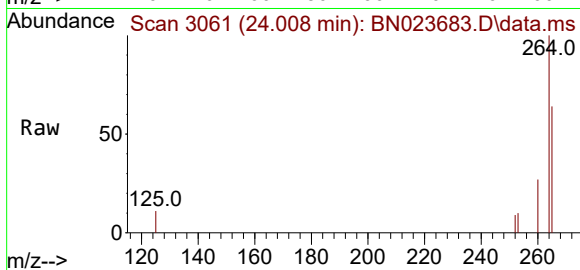
Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022



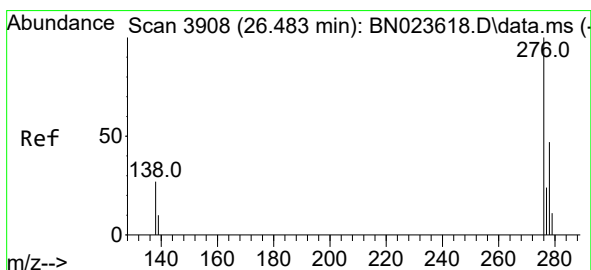
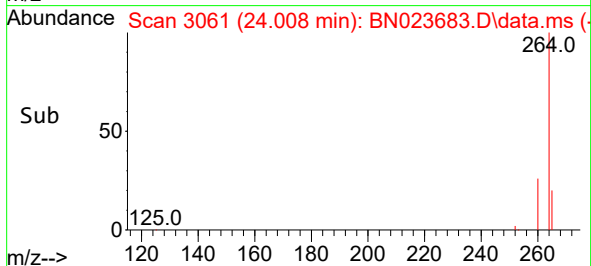
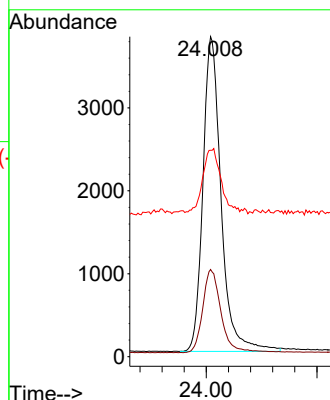
Tgt Ion:264 Resp: 8660

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

265 64.5 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.191 ng

RT: 26.572 min Scan# 3938

Delta R.T. 0.045 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

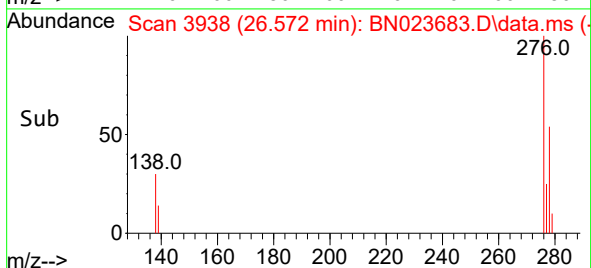
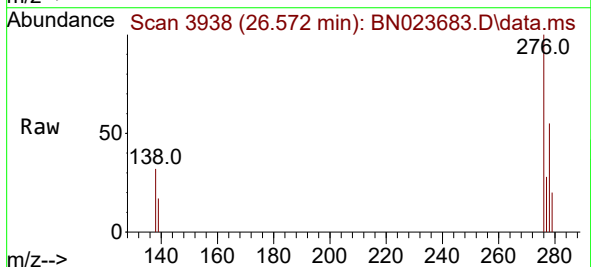
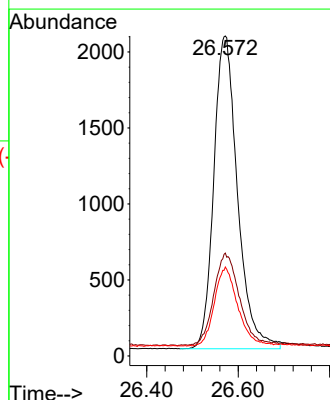
Tgt Ion:276 Resp: 7415

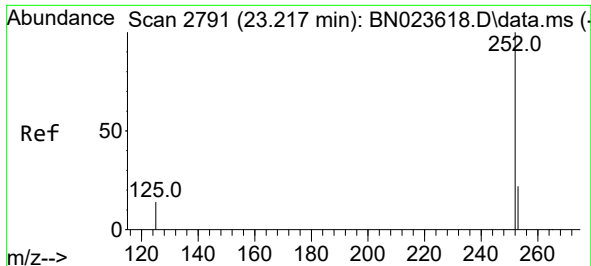
Ion Ratio Lower Upper

276 100

138 31.5 23.8 35.8

277 24.9 19.8 29.6

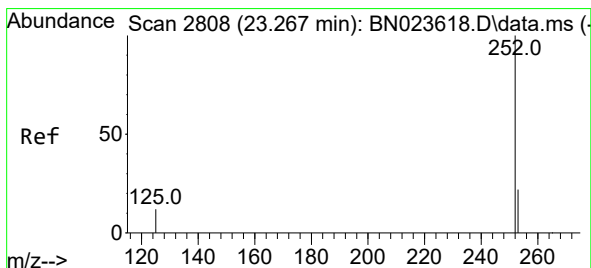
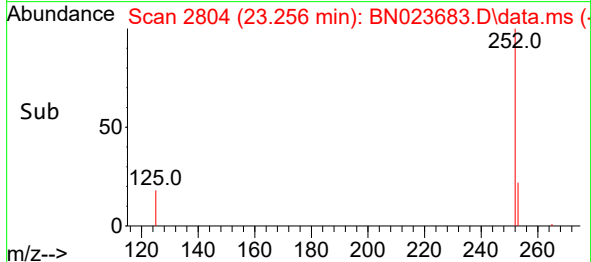
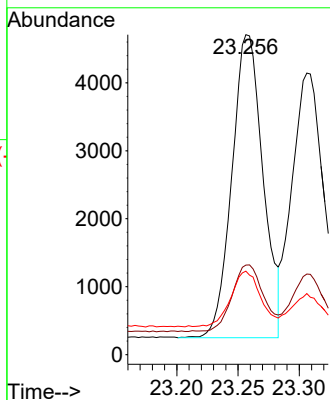
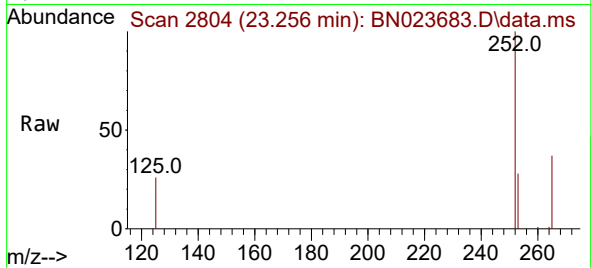




#37
Benzo(b)fluoranthene
Concen: 0.213 ng
RT: 23.256 min Scan# 2804
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

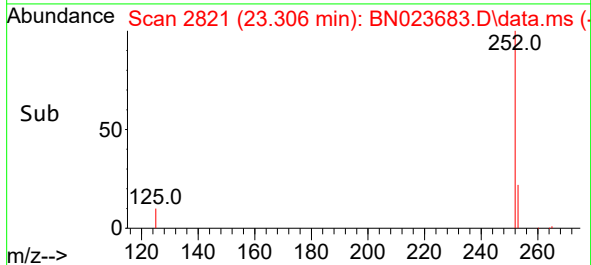
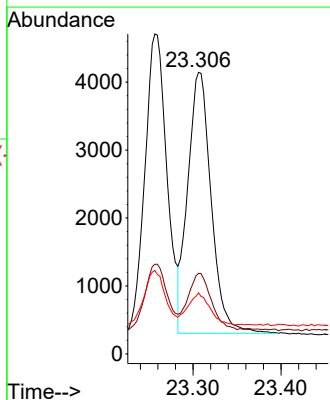
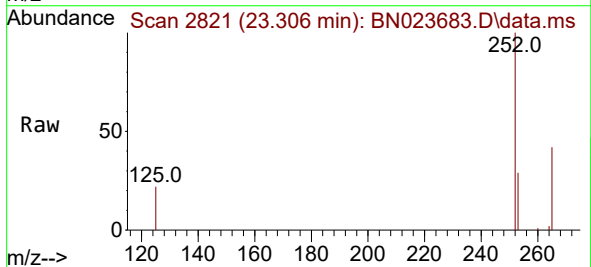
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

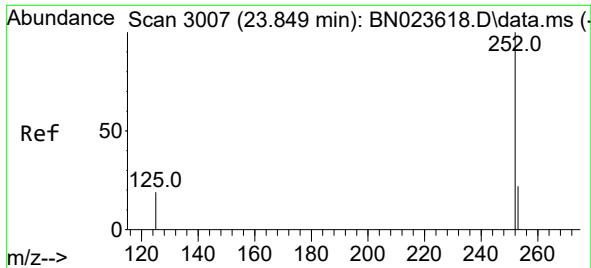
Tgt Ion:252 Resp: 7898
Ion Ratio Lower Upper
252 100
253 28.0 20.0 30.0
125 26.1 14.4 21.6#



#38
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 23.306 min Scan# 2821
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:252 Resp: 7117
Ion Ratio Lower Upper
252 100
253 28.6 20.2 30.2
125 21.7 13.0 19.4#

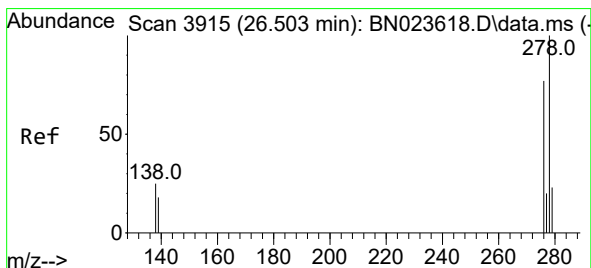
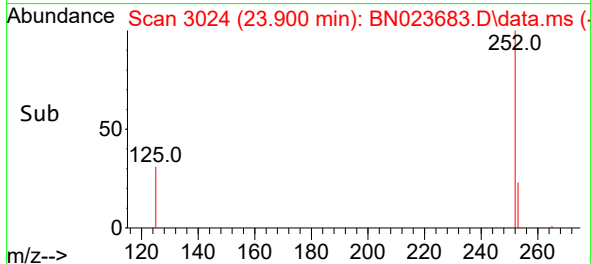
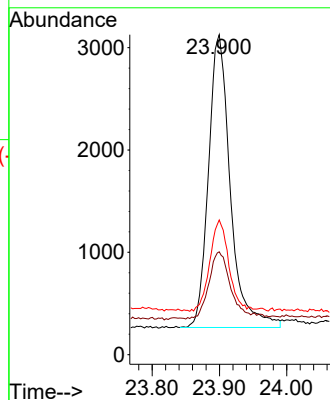
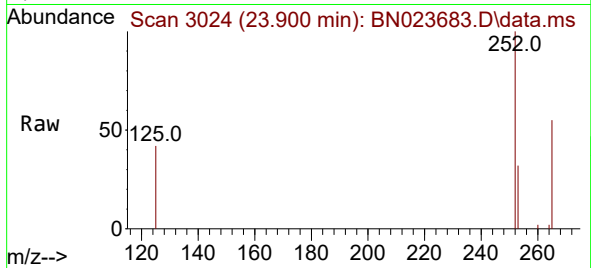




#39
Benzo(a)pyrene
Concen: 0.232 ng
RT: 23.900 min Scan# 3007
Delta R.T. 0.025 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

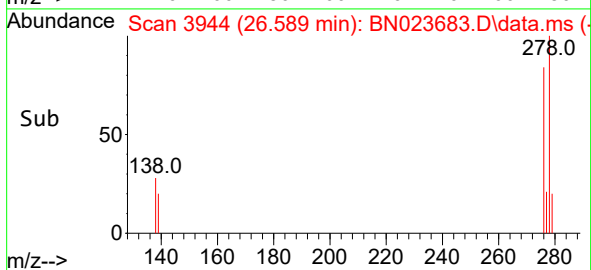
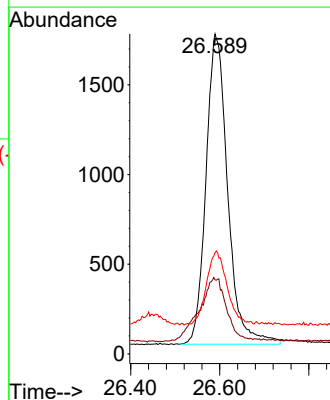
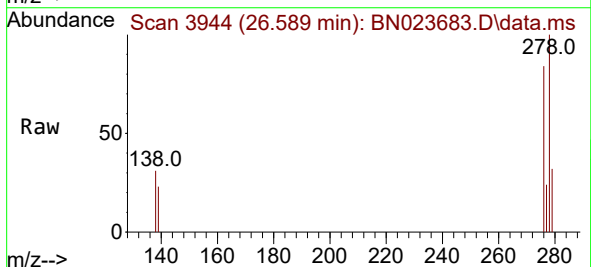
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

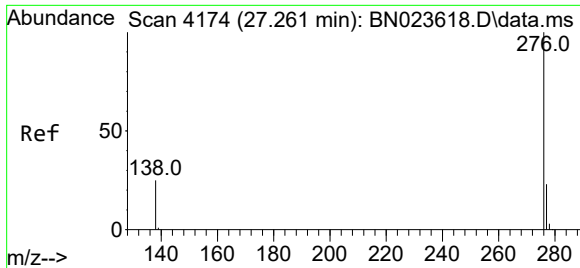
Tgt Ion:252 Resp: 6477
Ion Ratio Lower Upper
252 100
253 32.2 22.3 33.5
125 42.1 21.2 31.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 26.589 min Scan# 3944
Delta R.T. 0.036 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

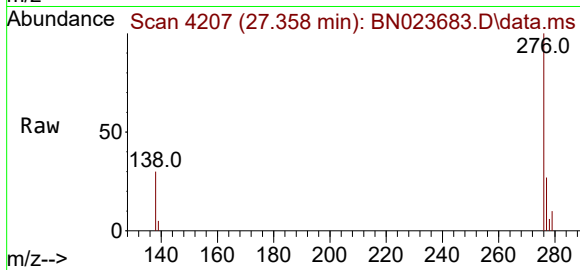
Tgt Ion:278 Resp: 5853
Ion Ratio Lower Upper
278 100
139 23.2 16.8 25.2
279 31.7 21.5 32.3





#41
 Benzo(g,h,i)perylene
 Concen: 0.190 ng
 RT: 27.358 min Scan# 41
 Delta R.T. 0.045 min
 Lab File: BN023683.D
 Acq: 17 Jan 2023 15:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022



Tgt Ion: 276 Resp: 6029

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.6	29.4
138	30.5	21.5	32.3

