

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
 Data File : BN025570.D
 Acq On : 23 May 2023 11:48
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 24 03:47:34 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)

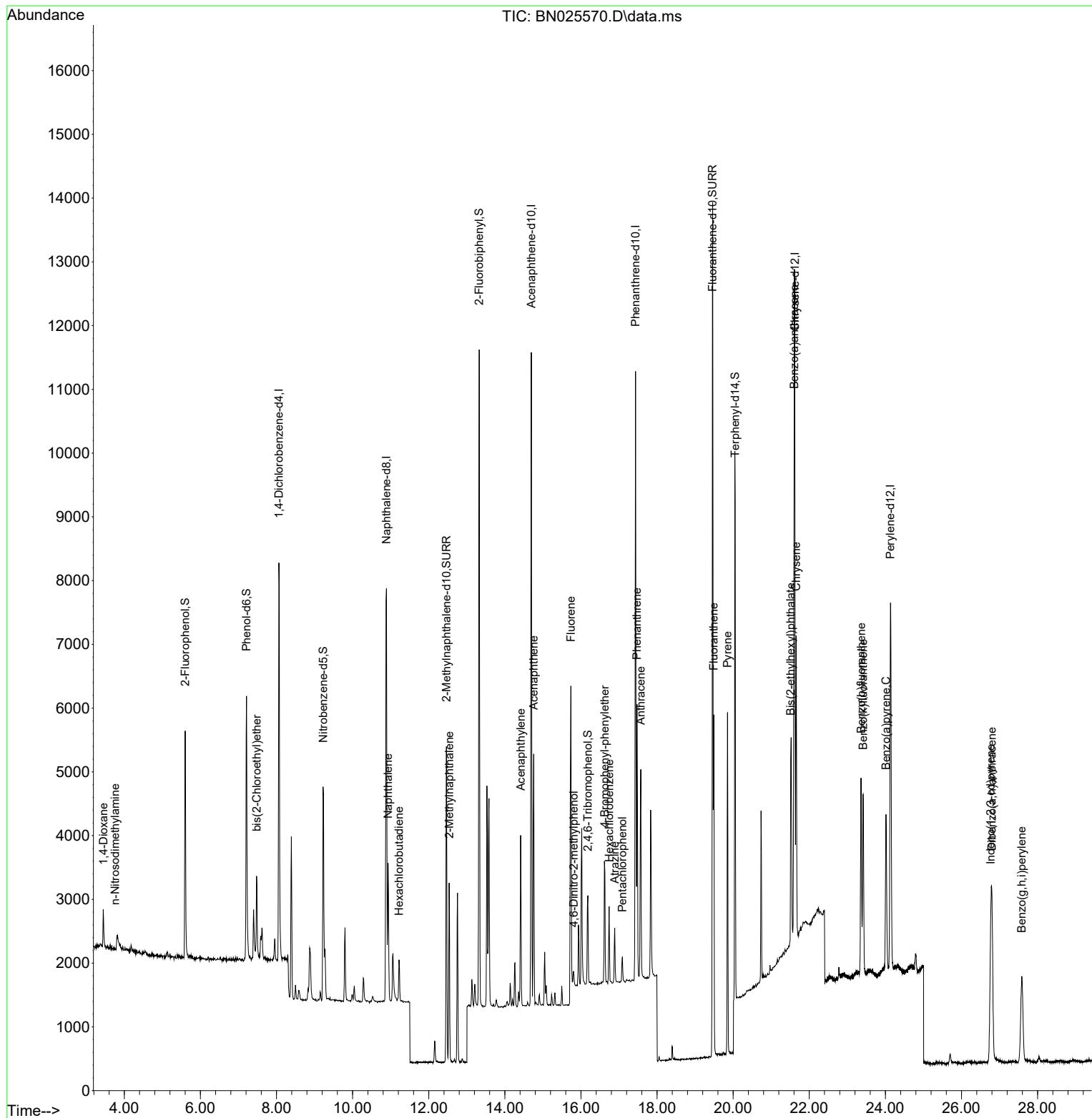
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	3173	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	9409	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	5626	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	12380	0.400	ng	0.00
29) Chrysene-d12	21.620	240	9145	0.400	ng	0.00
35) Perylene-d12	24.133	264	9107	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	3055	0.374	ng	0.00
5) Phenol-d6	7.210	99	4037	0.392	ng	0.00
8) Nitrobenzene-d5	9.223	82	3097	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	6818	0.494	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	812	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	8866	0.363	ng	0.00
27) Fluoranthene-d10	19.460	212	14405	0.491	ng	0.00
31) Terphenyl-d14	20.053	244	7895	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.447	88	402	0.109	ng	# 95
3) n-Nitrosodimethylamine	3.758	42	10	0.002	ng	# 1
6) bis(2-Chloroethyl)ether	7.477	93	1059	0.112	ng	99
9) Naphthalene	10.931	128	2874	0.110	ng	# 93
10) Hexachlorobutadiene	11.219	225	502	0.110	ng	# 99
12) 2-Methylnaphthalene	12.536	142	1976	0.107	ng	98
16) Acenaphthylene	14.416	152	2926	0.106	ng	99
17) Acenaphthene	14.758	154	1962	0.103	ng	93
18) Fluorene	15.734	166	2532	0.106	ng	99
20) 4,6-Dinitro-2-methylph...	15.809	198	233	0.071	ng	# 25
21) 4-Bromophenyl-phenylether	16.628	248	811	0.111	ng	95
22) Hexachlorobenzene	16.740	284	783	0.120	ng	98
23) Atrazine	16.888	200	746	0.115	ng	# 93
24) Pentachlorophenol	17.087	266	236	0.064	ng	94
25) Phenanthrene	17.472	178	4436	0.111	ng	100
26) Anthracene	17.571	178	3881	0.107	ng	99
28) Fluoranthene	19.489	202	4804	0.109	ng	98
30) Pyrene	19.852	202	4840	0.117	ng	100
32) Benzo(a)anthracene	21.602	228	4108	0.114	ng	99
33) Chrysene	21.656	228	4224	0.113	ng	97
34) Bis(2-ethylhexyl)phtha...	21.512	149	2786	0.124	ng	100
36) Indeno(1,2,3-cd)pyrene	26.770	276	4575	0.110	ng	# 87
37) Benzo(b)fluoranthene	23.361	252	4347	0.119	ng	# 79
38) Benzo(k)fluoranthene	23.414	252	4232	0.113	ng	# 84
39) Benzo(a)pyrene	24.016	252	3758	0.111	ng	# 67
40) Dibenzo(a,h)anthracene	26.799	278	3663	0.108	ng	# 84
41) Benzo(g,h,i)perylene	27.583	276	3787	0.107	ng	91

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

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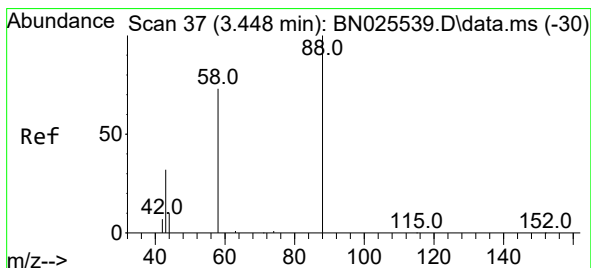
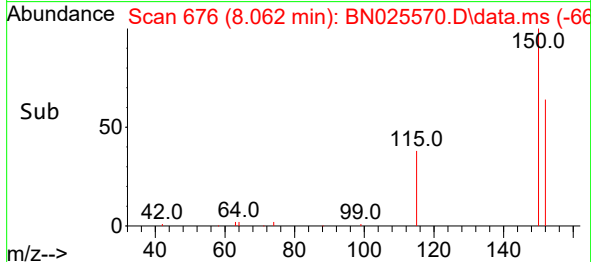
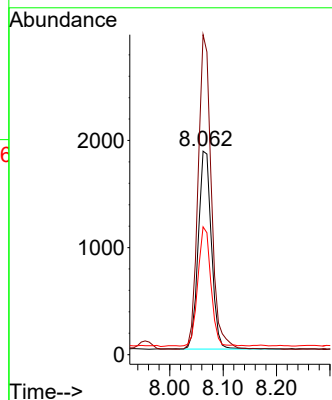
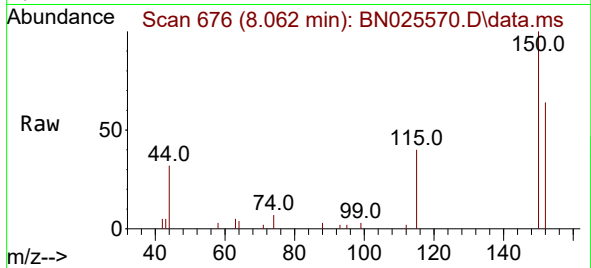




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

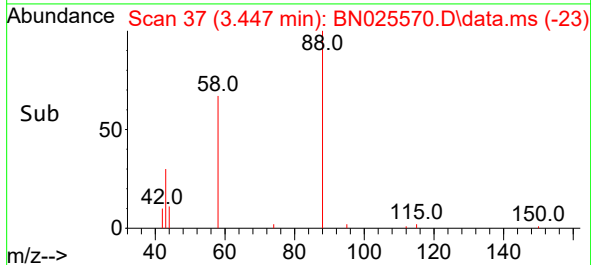
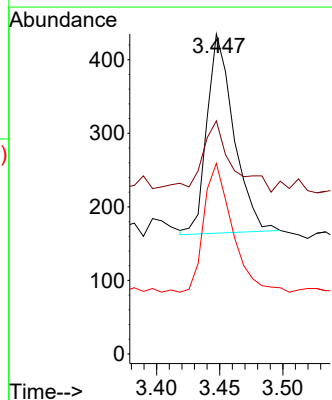
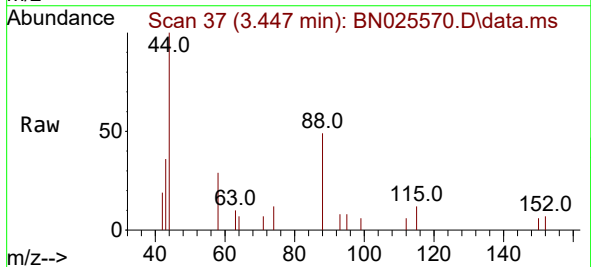
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

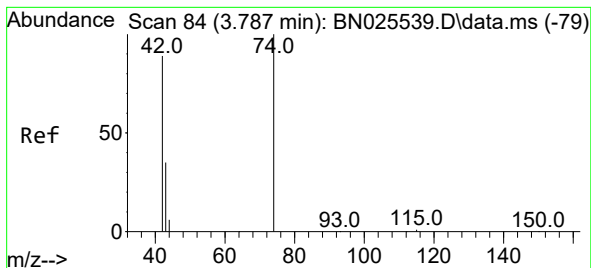
Tgt Ion:152 Resp: 3173
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 62.8 49.1 73.7



#2
1,4-Dioxane
Concen: 0.109 ng
RT: 3.447 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion: 88 Resp: 402
Ion Ratio Lower Upper
88 100
43 40.3 25.8 38.8#
58 68.4 54.9 82.3





#3

n-Nitrosodimethylamine

Concen: 0.002 ng

RT: 3.758 min Scan# 80

Delta R.T. -0.029 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

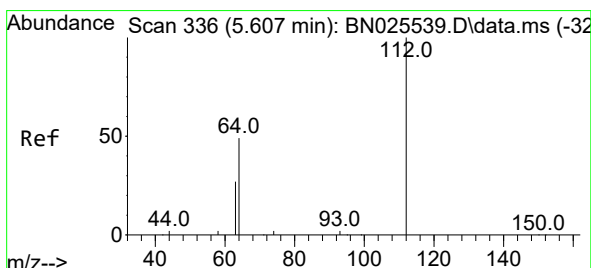
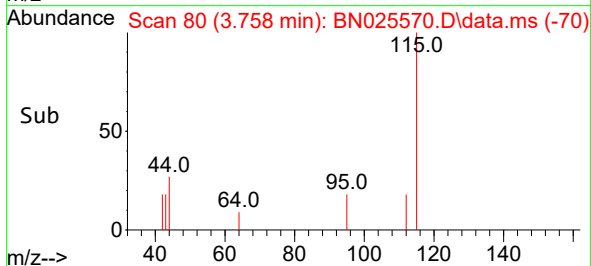
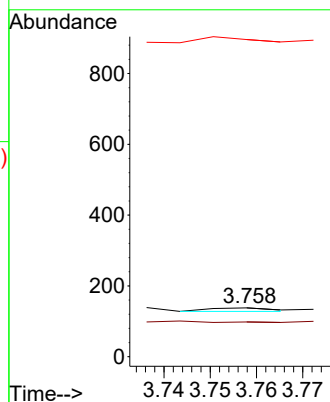
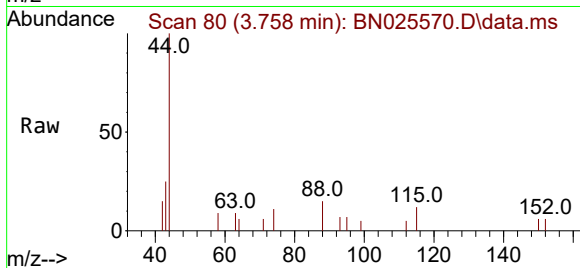
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 0.0 89.7 134.5#

44 280.0 7.5 11.3#



#4

2-Fluorophenol

Concen: 0.374 ng

RT: 5.600 min Scan# 335

Delta R.T. -0.008 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

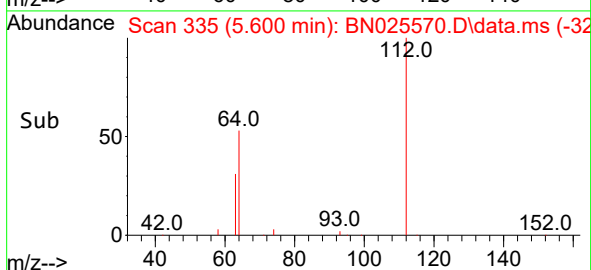
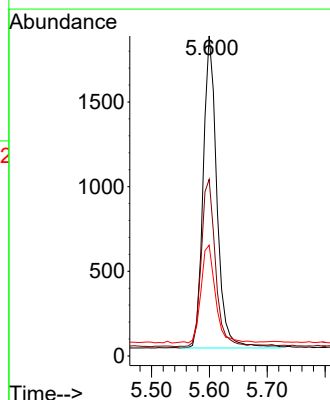
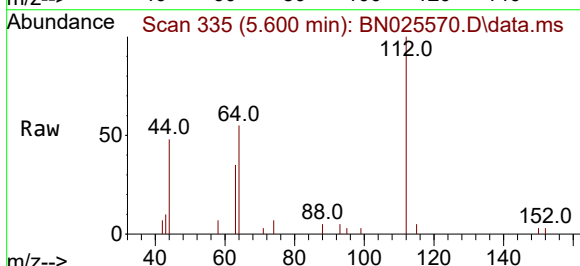
Tgt Ion: 112 Resp: 3055

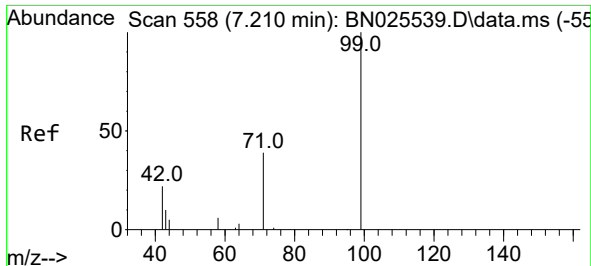
Ion Ratio Lower Upper

112 100

64 55.0 44.2 66.4

63 32.7 25.4 38.2

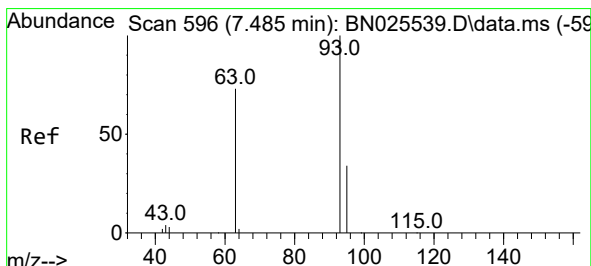
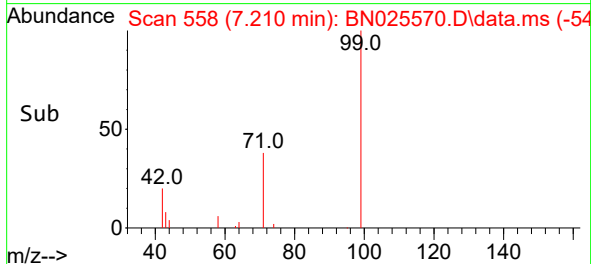
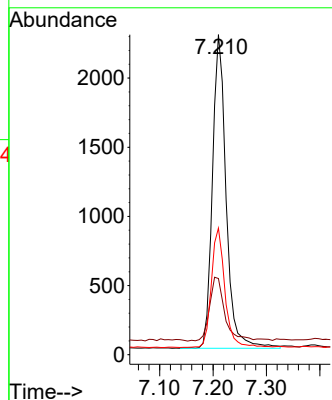
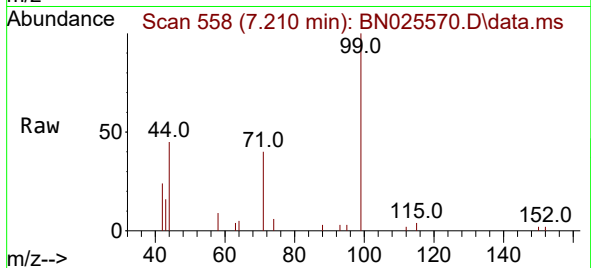




#5
Phenol-d6
Concen: 0.392 ng
RT: 7.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

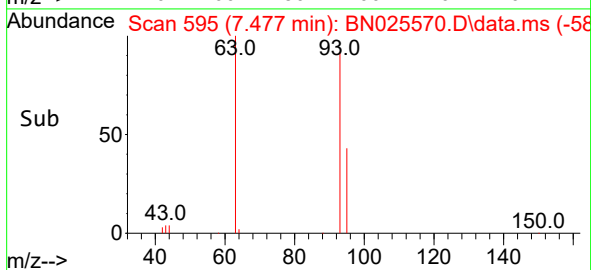
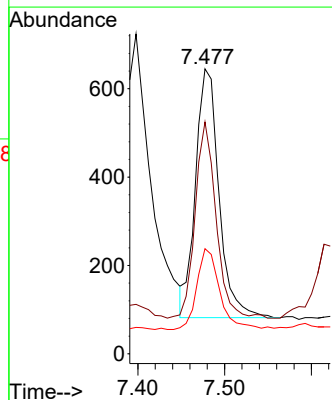
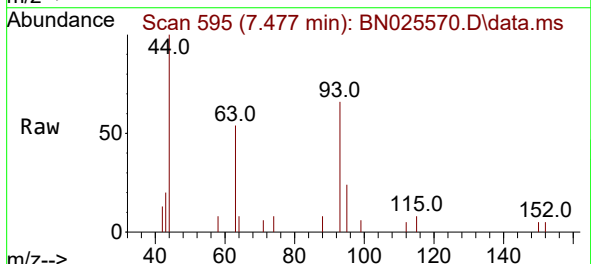
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2023

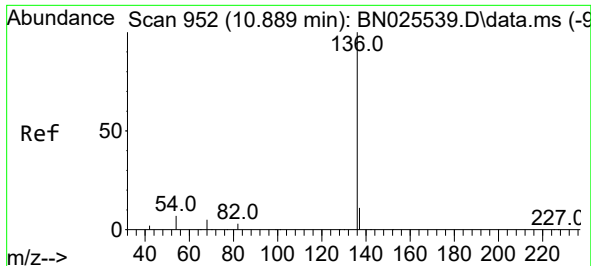
Tgt Ion: 99 Resp: 4037
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 38.0 30.1 45.1



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.477 min Scan# 595
Delta R.T. -0.008 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion: 93 Resp: 1059
Ion Ratio Lower Upper
93 100
63 70.3 56.9 85.3
95 32.1 24.9 37.3

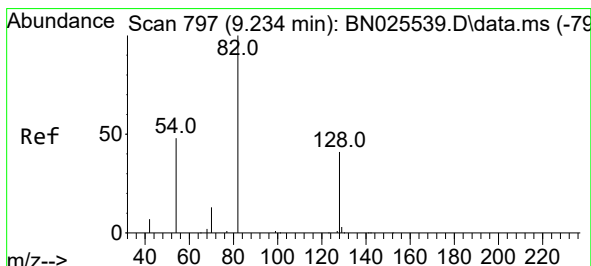
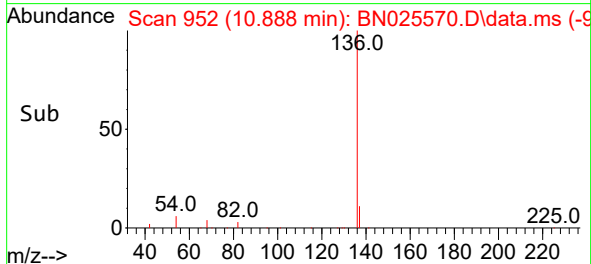
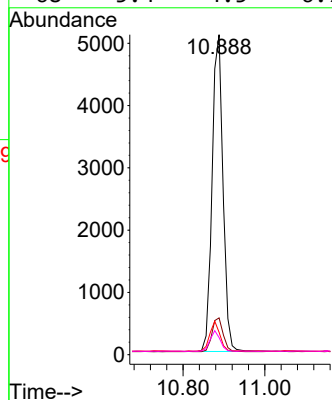
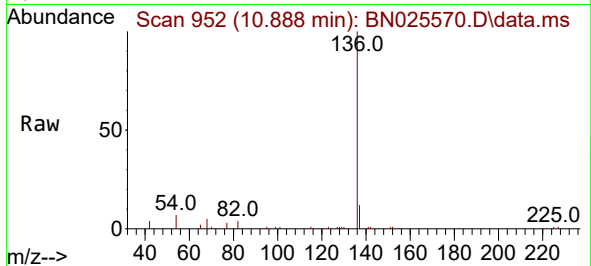




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

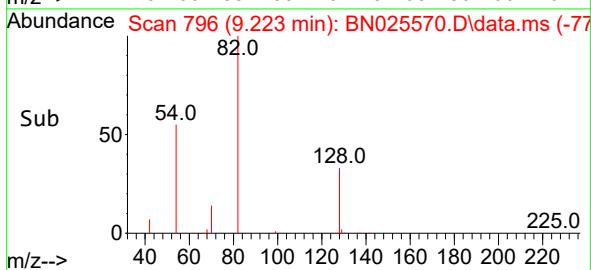
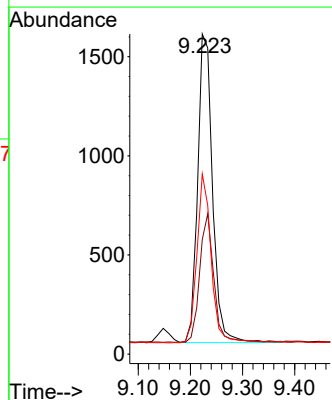
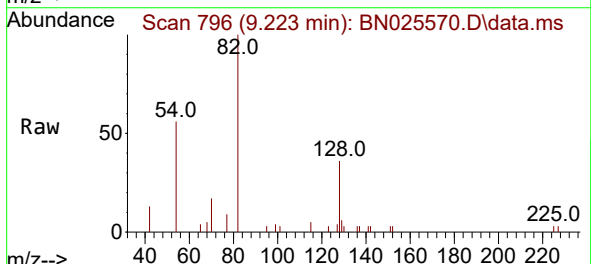
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

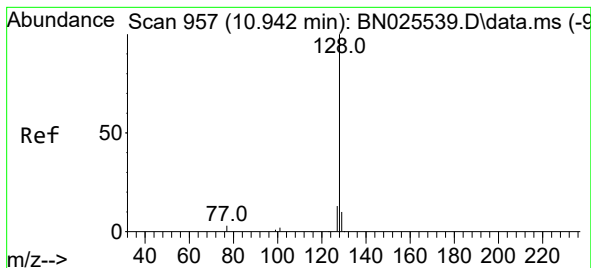
Tgt Ion:	136	Resp:	9409
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.0	6.2	9.4
68	5.4	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:	82	Resp:	3097
Ion	Ratio	Lower	Upper
82	100		
128	35.8	33.8	50.8
54	56.3	39.8	59.6





#9

Naphthalene

Concen: 0.110 ng

RT: 10.931 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

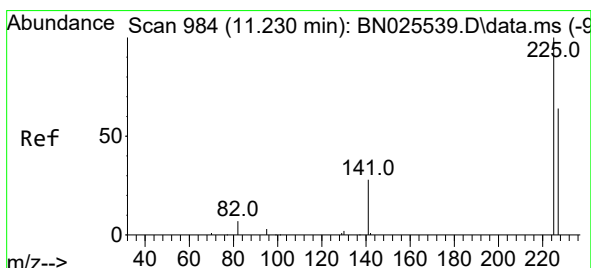
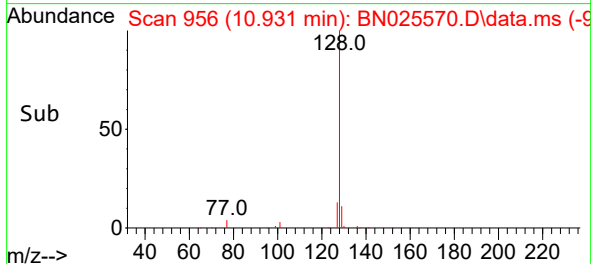
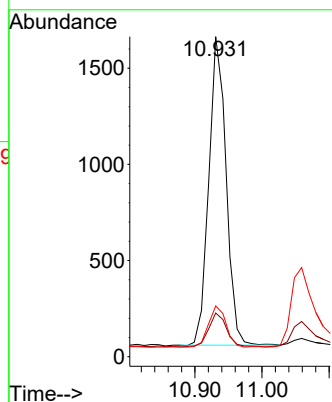
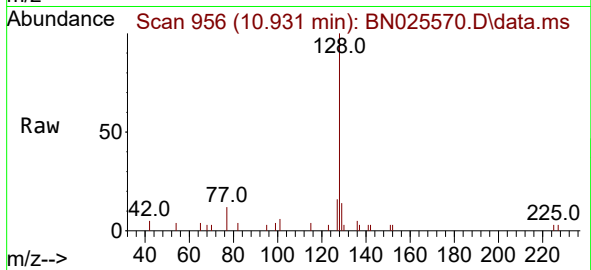
Tgt Ion:128 Resp: 2874

Ion Ratio Lower Upper

128 100

129 13.6 8.8 13.2#

127 15.9 10.6 15.8#



#10

Hexachlorobutadiene

Concen: 0.110 ng

RT: 11.219 min Scan# 983

Delta R.T. -0.011 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

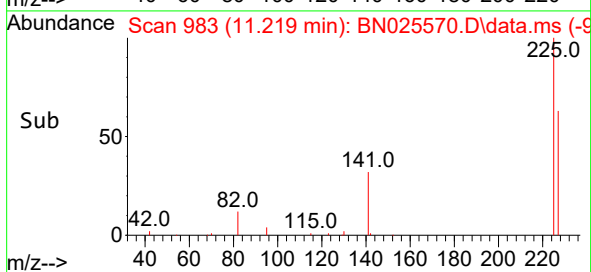
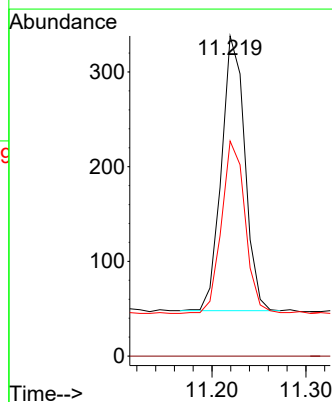
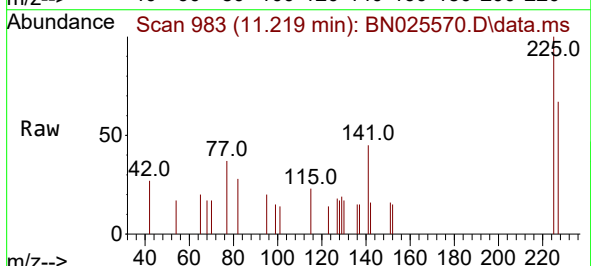
Tgt Ion:225 Resp: 502

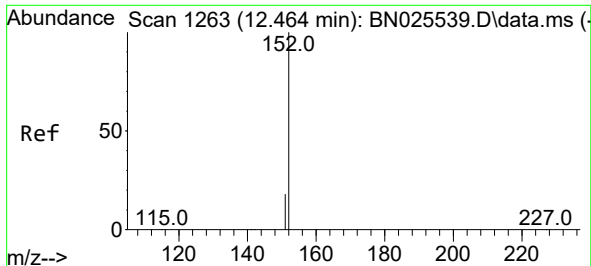
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.3 51.0 76.6

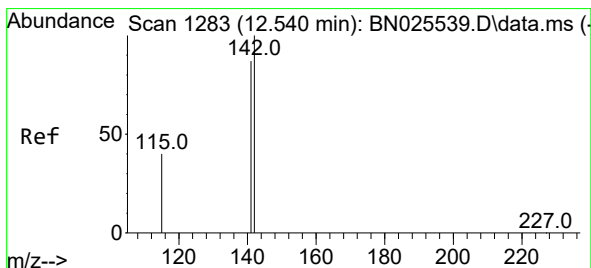
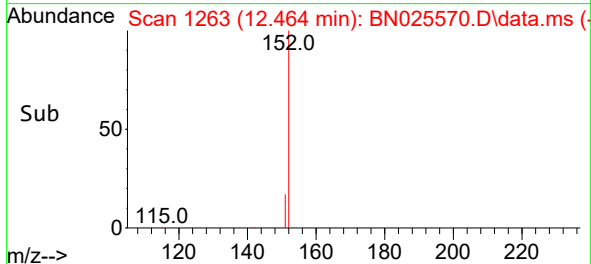
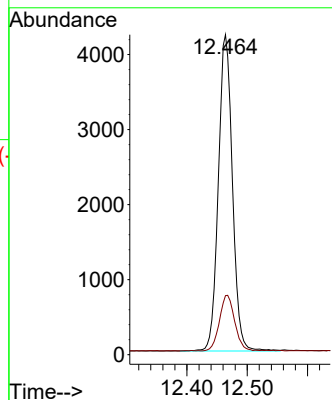
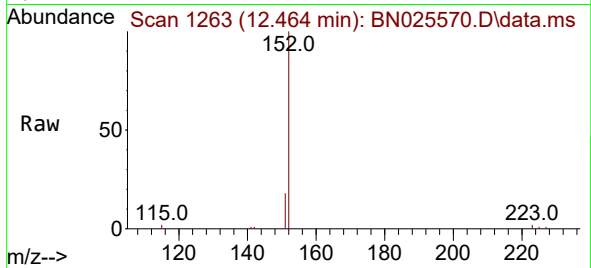




#11
2-Methylnaphthalene-d10
Concen: 0.494 ng
RT: 12.464 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

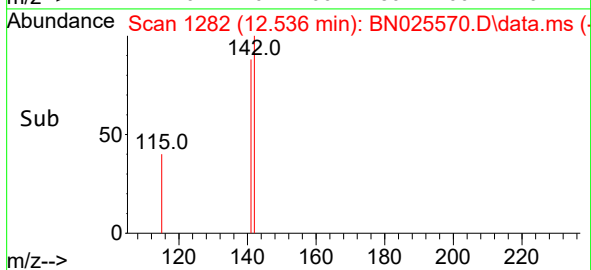
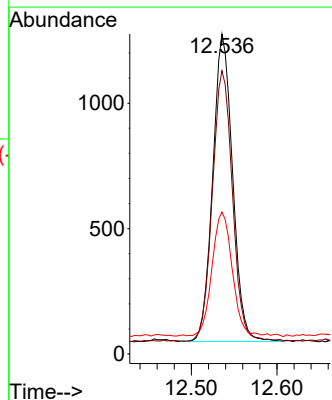
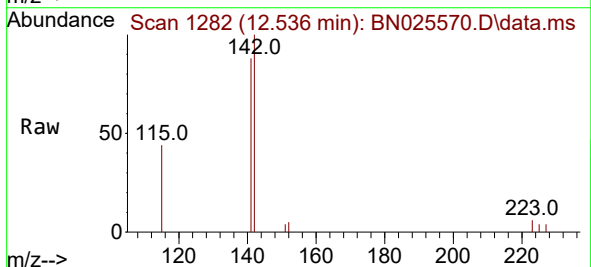
Instrument :
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LOQ-SOIL-02-QT2-2023

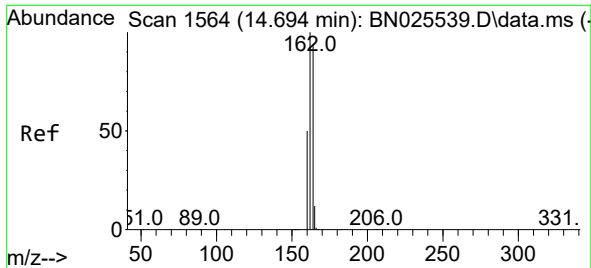
Tgt Ion:152 Resp: 6818
Ion Ratio Lower Upper
152 100
151 19.1 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.107 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:142 Resp: 1976
Ion Ratio Lower Upper
142 100
141 88.5 70.1 105.1
115 44.4 32.8 49.2

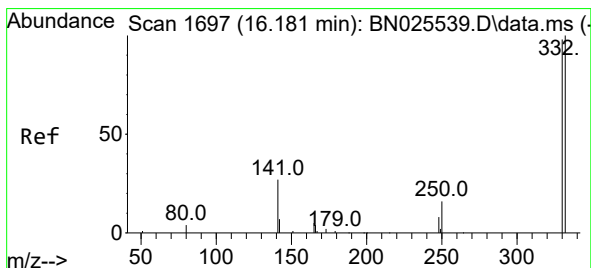
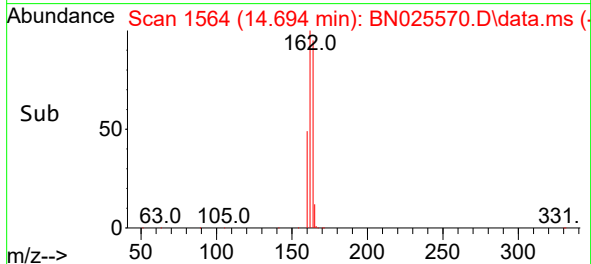
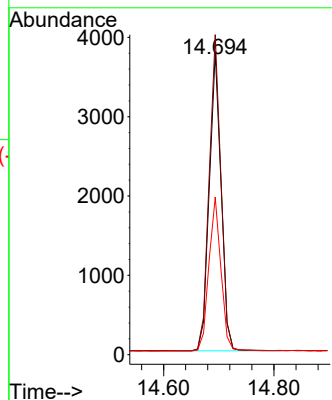
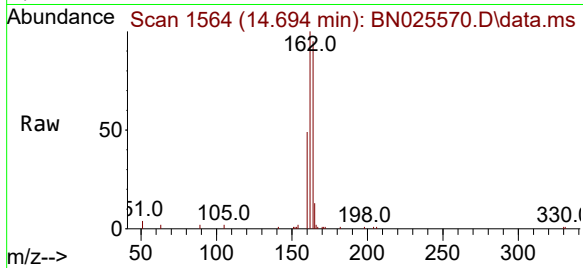




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

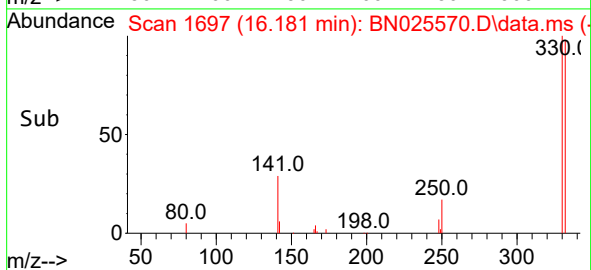
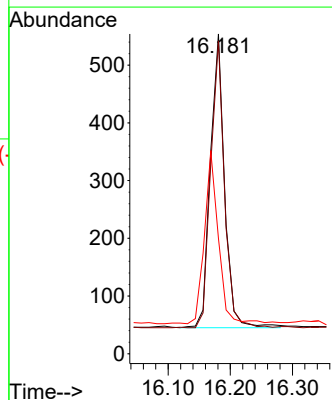
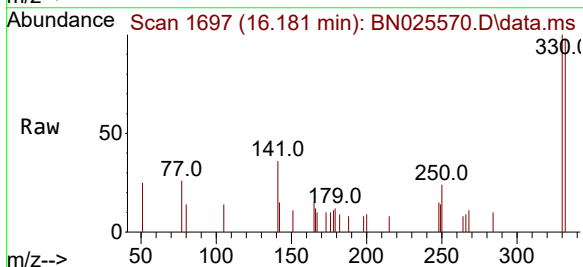
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

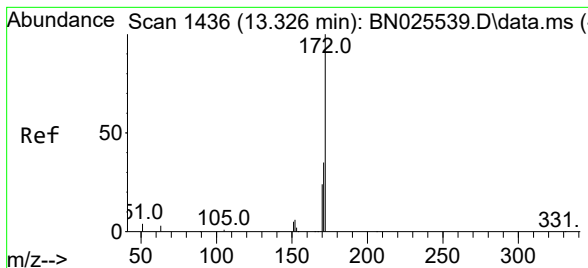
Tgt Ion:164 Resp: 5626
Ion Ratio Lower Upper
164 100
162 105.7 85.5 128.3
160 52.1 42.9 64.3



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:330 Resp: 812
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 56.8 43.0 64.6





#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 13.325 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

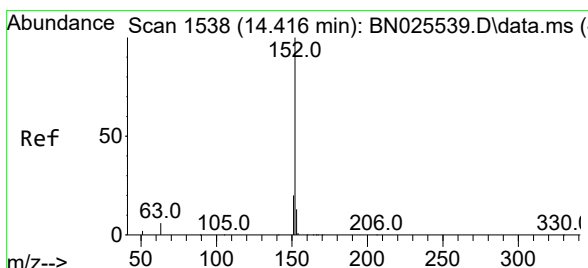
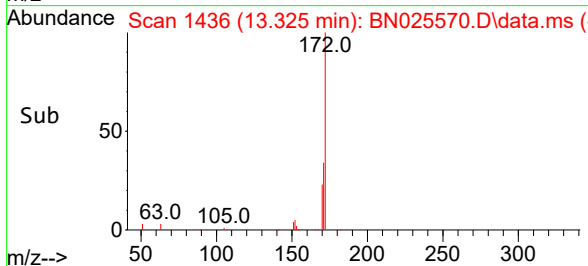
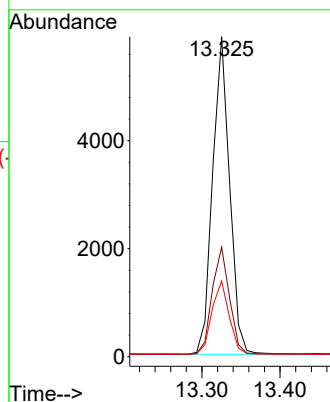
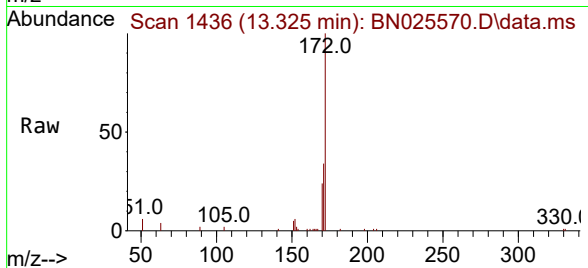
Tgt Ion:172 Resp: 8866

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.7 19.3 28.9



#16

Acenaphthylene

Concen: 0.106 ng

RT: 14.416 min Scan# 1538

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

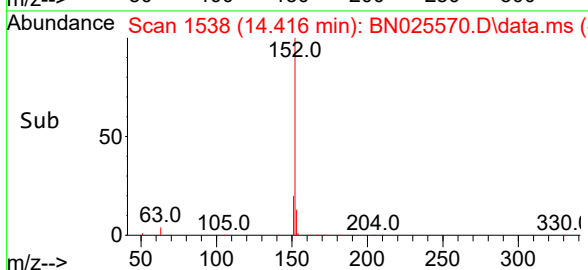
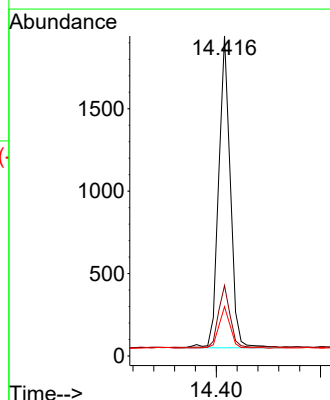
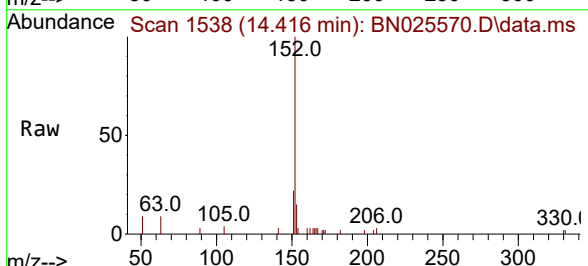
Tgt Ion:152 Resp: 2926

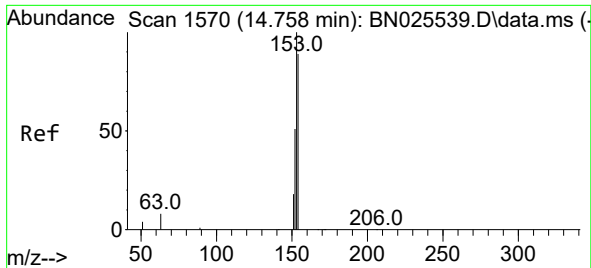
Ion Ratio Lower Upper

152 100

151 20.0 15.3 22.9

153 13.3 10.4 15.6

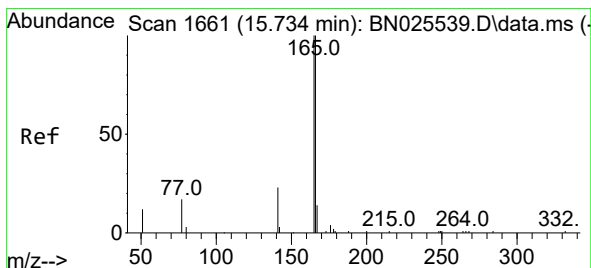
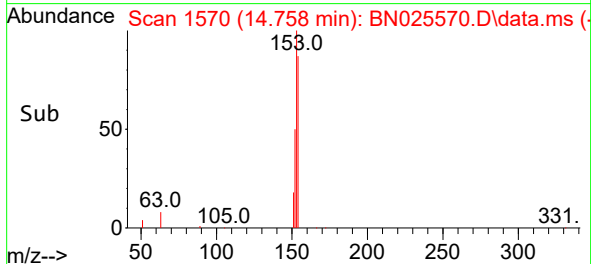
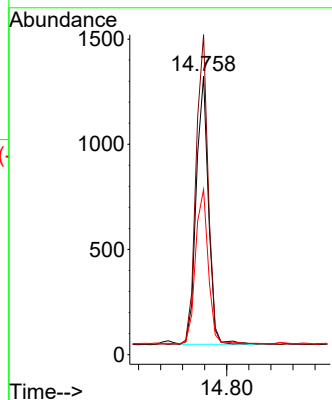
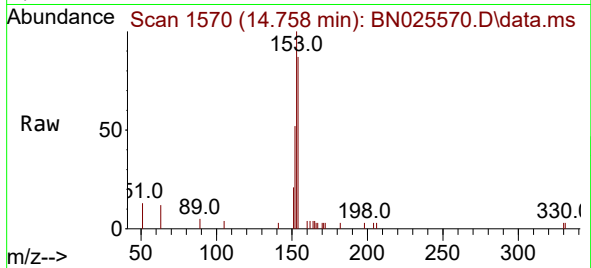




#17
Acenaphthene
Concen: 0.103 ng
RT: 14.758 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

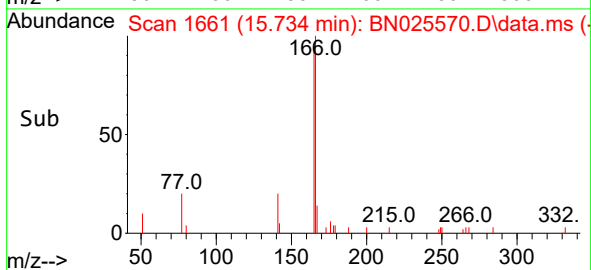
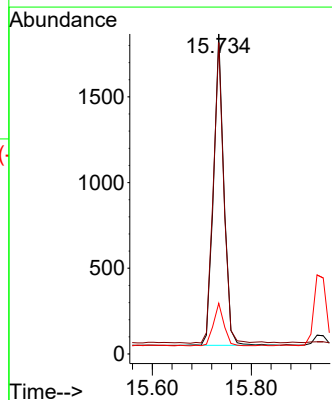
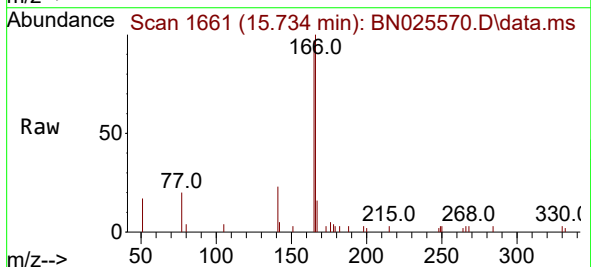
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

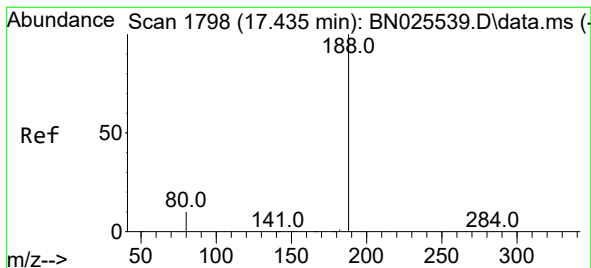
Tgt Ion:154 Resp: 1962
Ion Ratio Lower Upper
154 100
153 115.1 85.4 128.2
152 59.5 44.3 66.5



#18
Fluorene
Concen: 0.106 ng
RT: 15.734 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:166 Resp: 2532
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 13.9 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

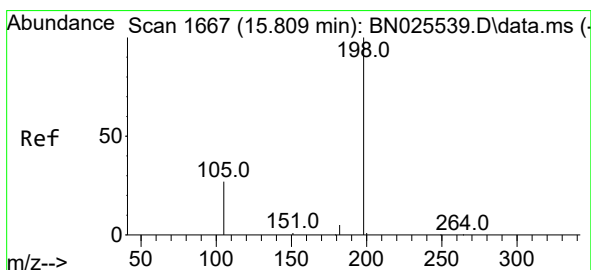
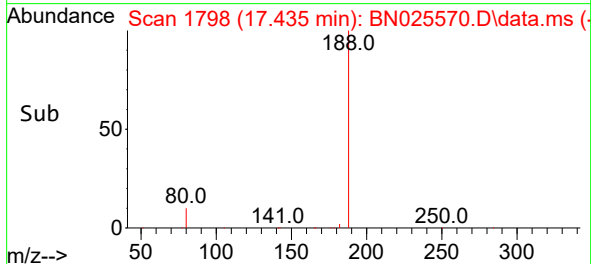
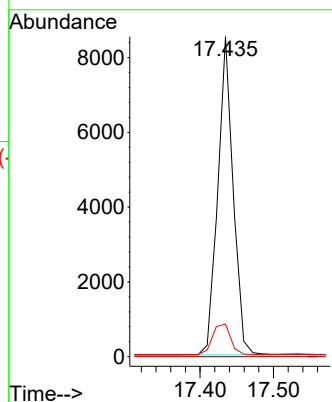
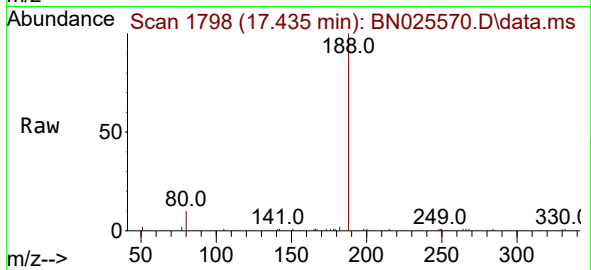
Tgt Ion:188 Resp: 12380

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.071 ng

RT: 15.809 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

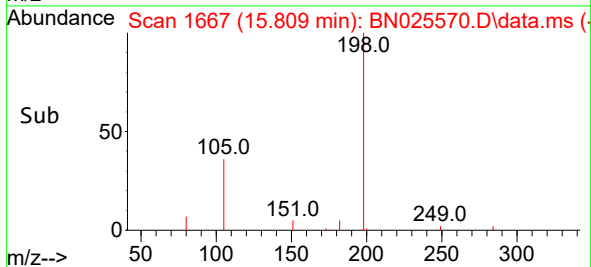
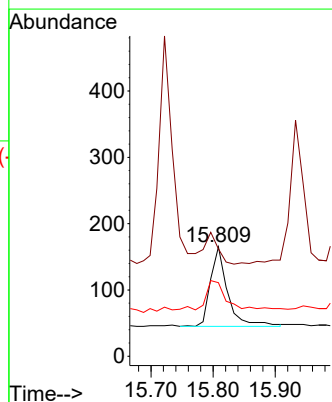
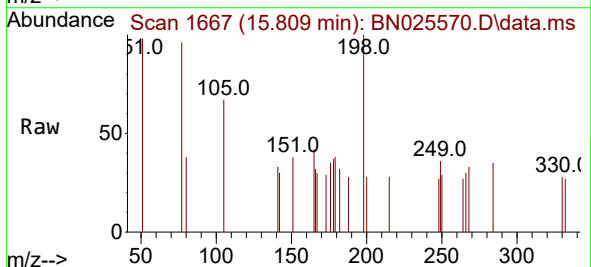
Tgt Ion:198 Resp: 233

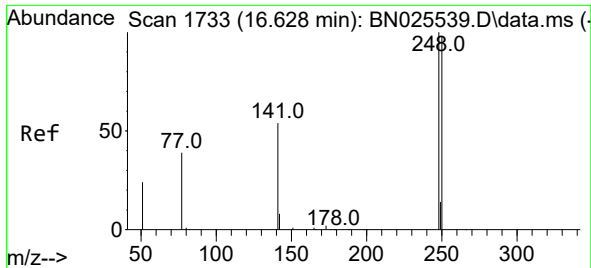
Ion Ratio Lower Upper

198 100

51 98.2 31.7 47.5#

105 67.3 29.2 43.8#





#21

4-Bromophenyl-phenylether

Concen: 0.111 ng

RT: 16.628 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

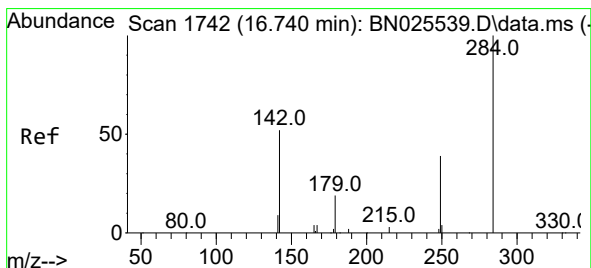
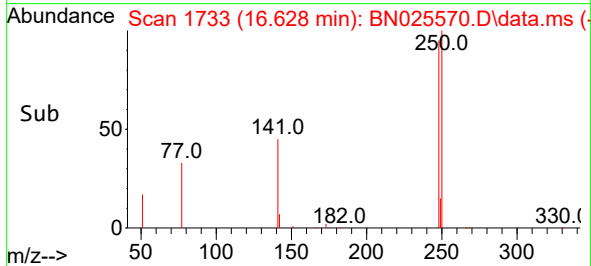
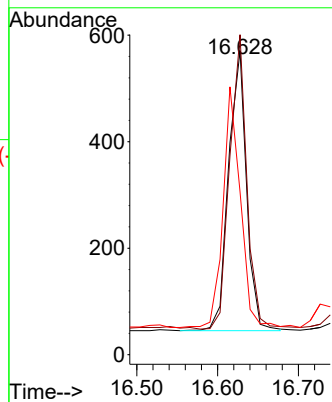
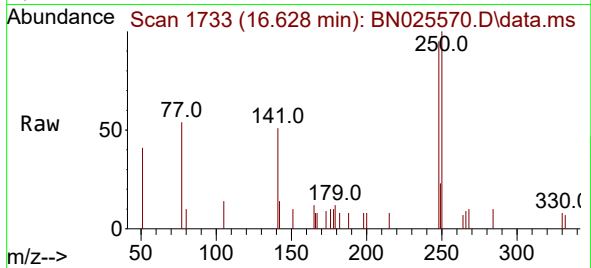
Tgt Ion:248 Resp: 811

Ion Ratio Lower Upper

248 100

250 105.3 78.9 118.3

141 53.6 43.9 65.9



#22

Hexachlorobenzene

Concen: 0.120 ng

RT: 16.740 min Scan# 1742

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

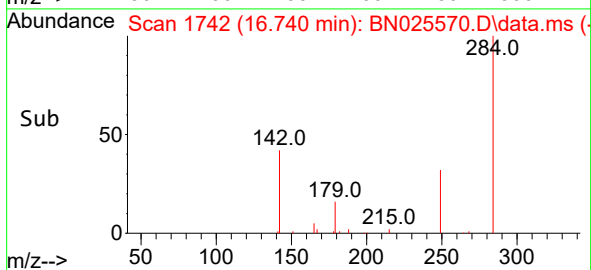
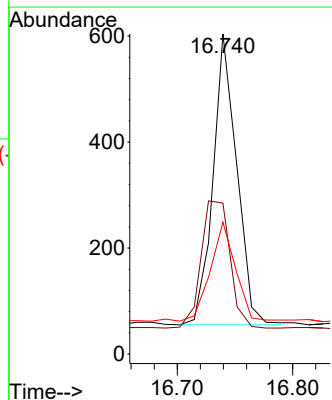
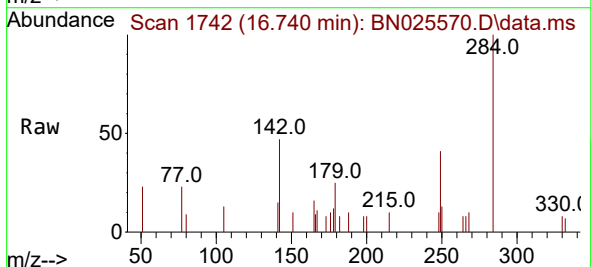
Tgt Ion:284 Resp: 783

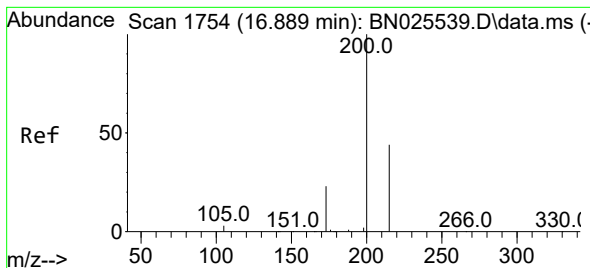
Ion Ratio Lower Upper

284 100

142 53.4 41.6 62.4

249 36.3 28.3 42.5





#23

Atrazine

Concen: 0.115 ng

RT: 16.888 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

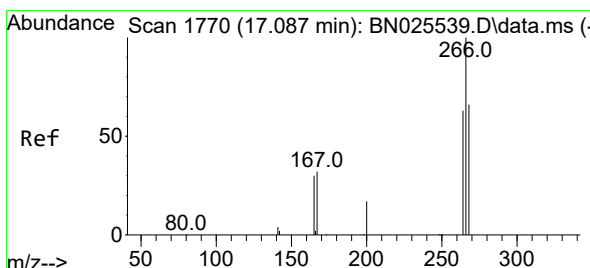
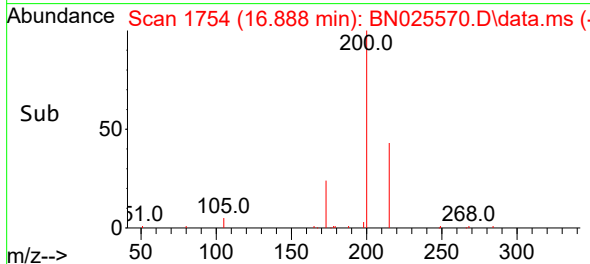
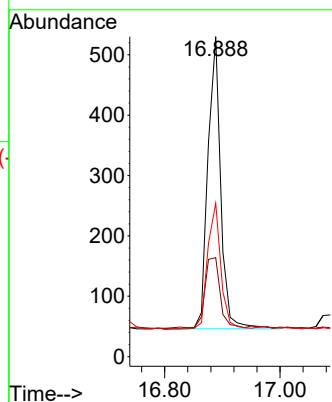
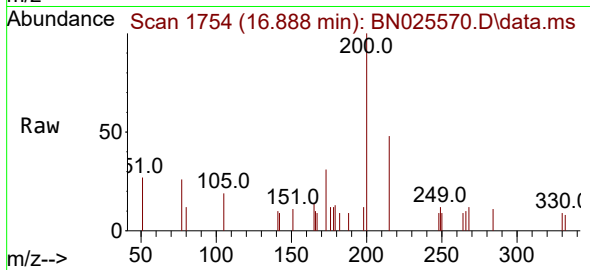
Tgt Ion:200 Resp: 746

Ion Ratio Lower Upper

200 100

173 30.9 20.2 30.4#

215 47.9 35.8 53.8



#24

Pentachlorophenol

Concen: 0.064 ng

RT: 17.087 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

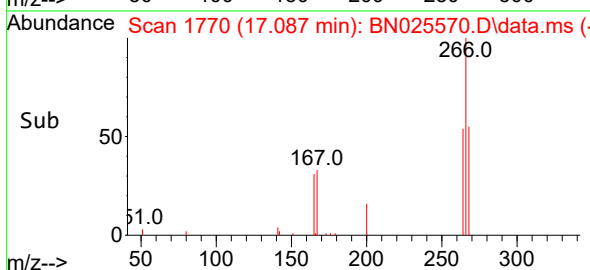
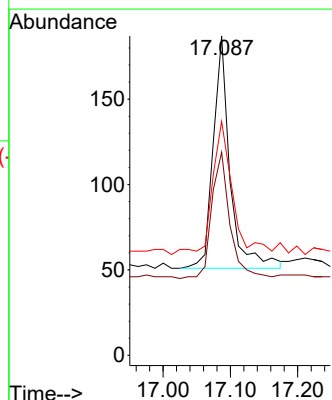
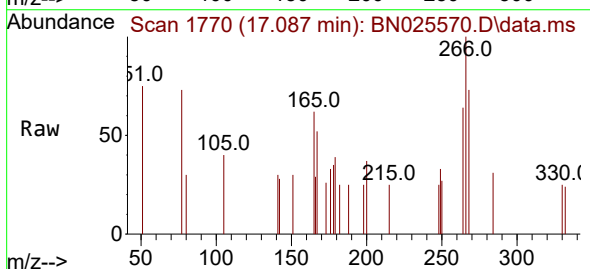
Tgt Ion:266 Resp: 236

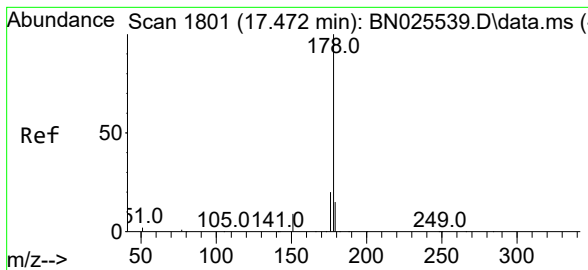
Ion Ratio Lower Upper

266 100

264 58.9 51.3 76.9

268 68.6 51.2 76.8





#25

Phenanthrene

Concen: 0.111 ng

RT: 17.472 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

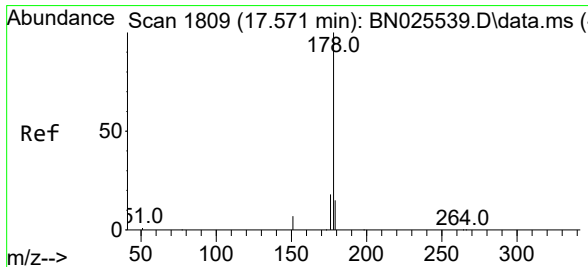
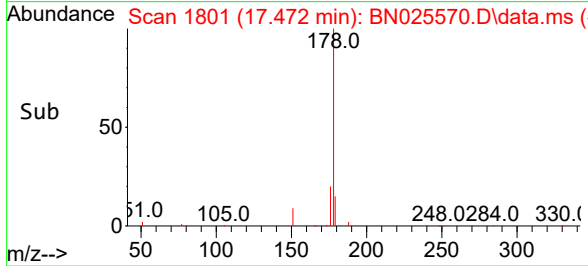
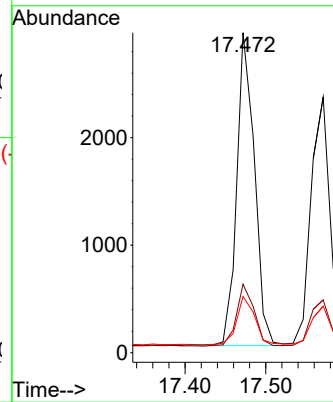
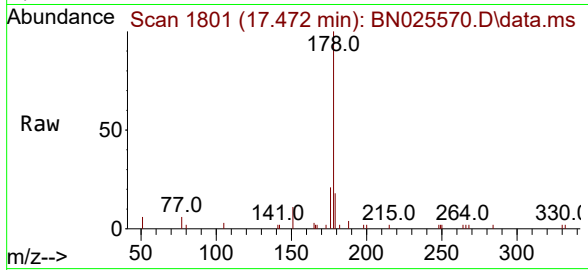
Tgt Ion:178 Resp: 4436

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.6 12.5 18.7



#26

Anthracene

Concen: 0.107 ng

RT: 17.571 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

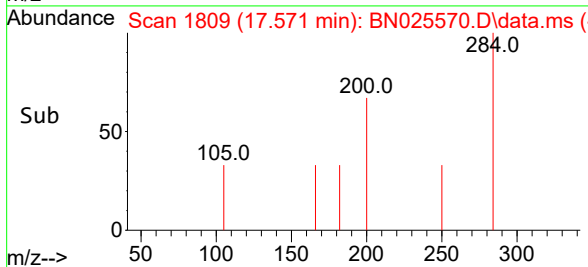
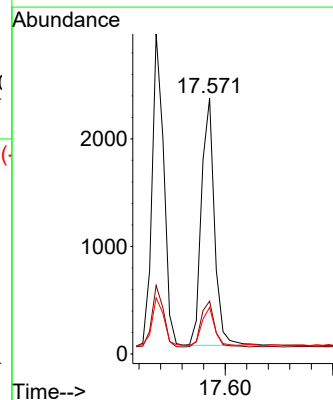
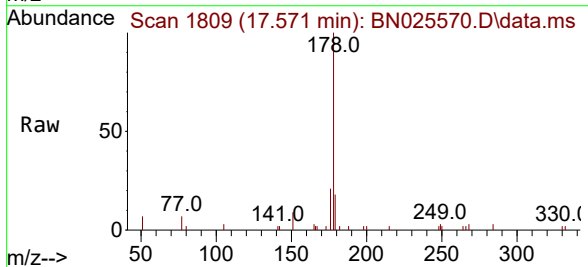
Tgt Ion:178 Resp: 3881

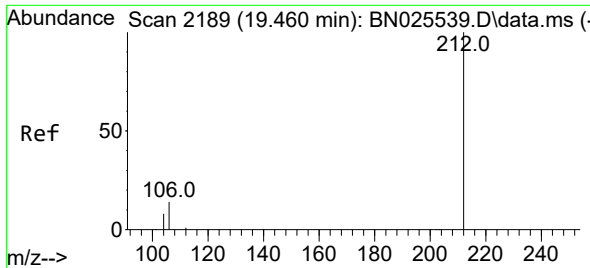
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 14.8 12.3 18.5

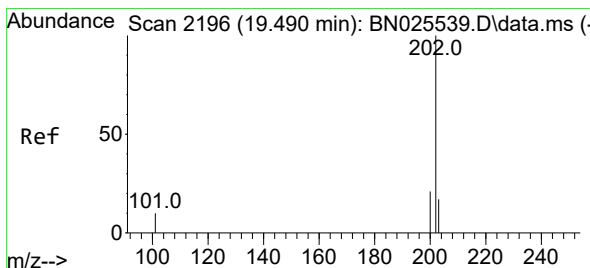
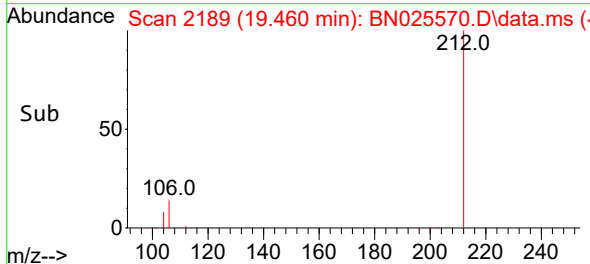
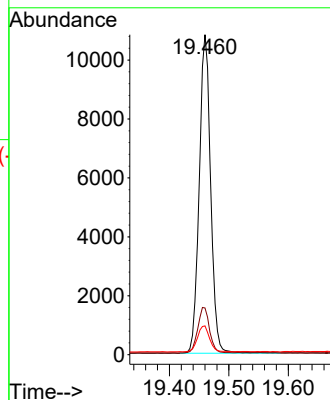
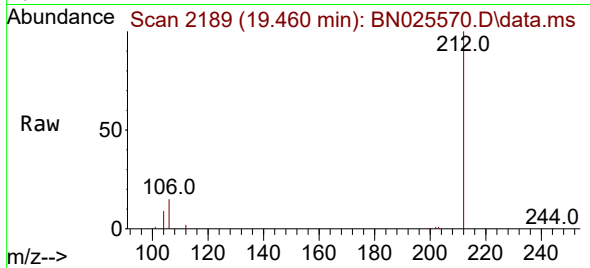




#27
Fluoranthene-d10
Concen: 0.491 ng
RT: 19.460 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

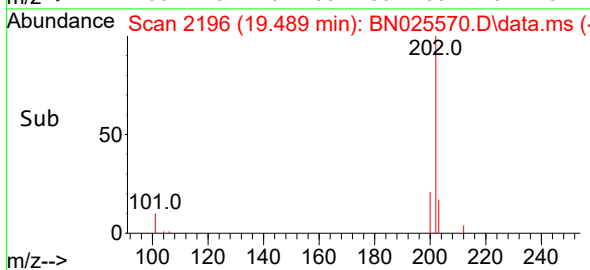
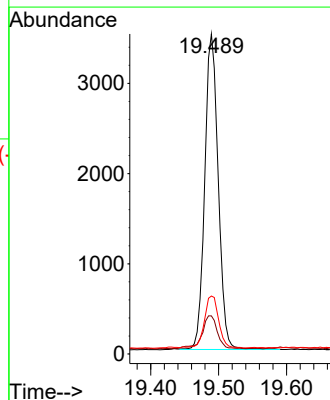
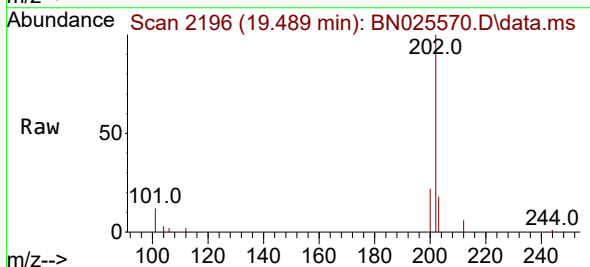
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

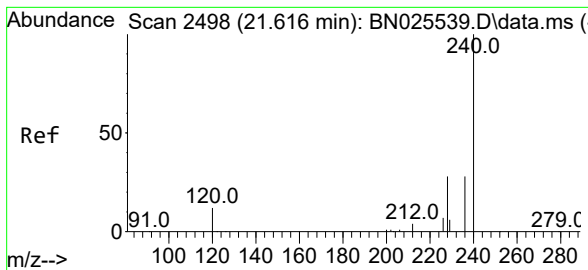
Tgt Ion:212 Resp: 14405
Ion Ratio Lower Upper
212 100
106 14.8 11.4 17.2
104 8.7 6.8 10.2



#28
Fluoranthene
Concen: 0.109 ng
RT: 19.489 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:202 Resp: 4804
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
203 17.5 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: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

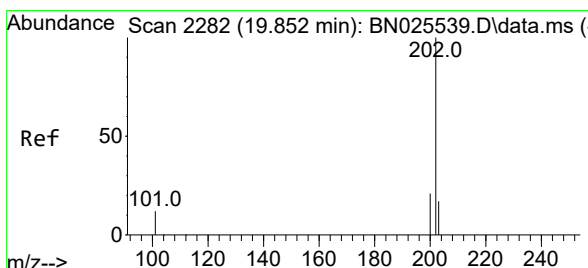
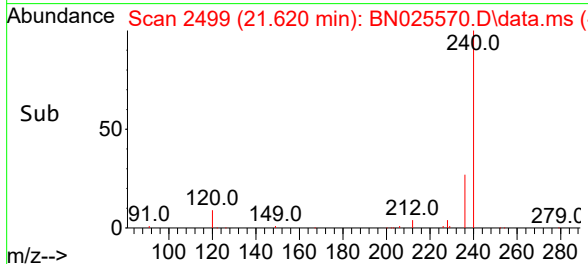
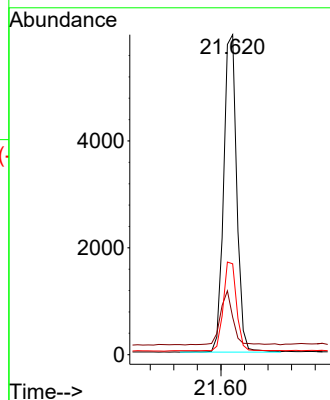
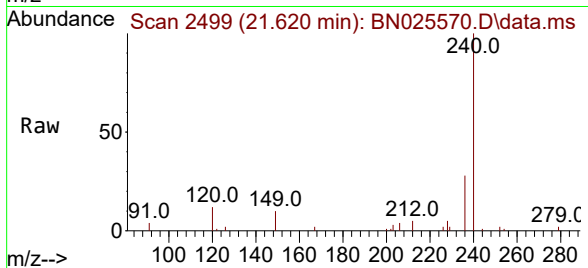
Tgt Ion:240 Resp: 9145

Ion Ratio Lower Upper

240 100

120 11.7 11.7 17.5

236 28.4 23.0 34.6



#30

Pyrene

Concen: 0.117 ng

RT: 19.852 min Scan# 2282

Delta R.T. -0.000 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

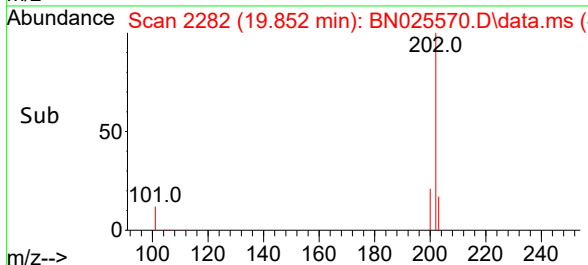
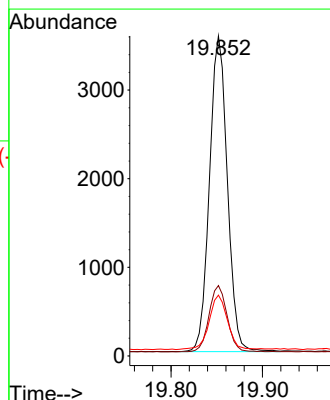
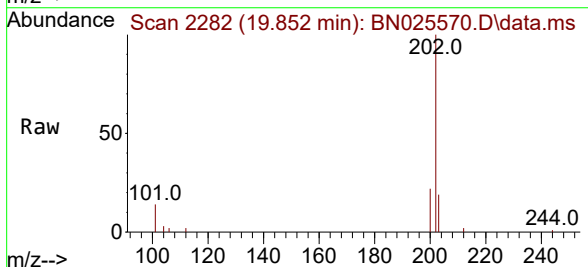
Tgt Ion:202 Resp: 4840

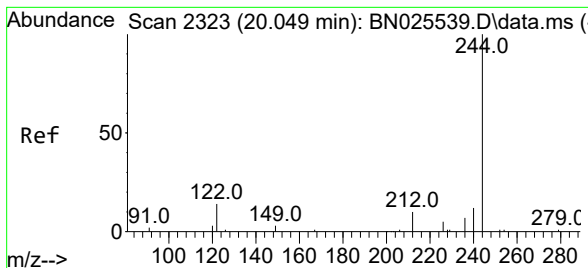
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.7 14.3 21.5





#31

Terphenyl-d14

Concen: 0.417 ng

RT: 20.053 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025570.D

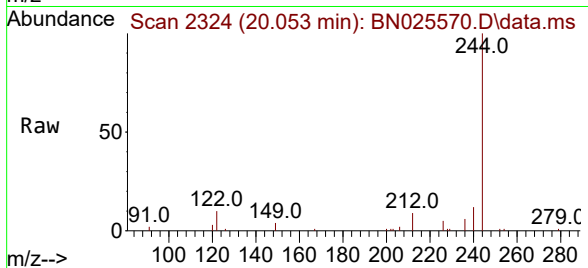
Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023



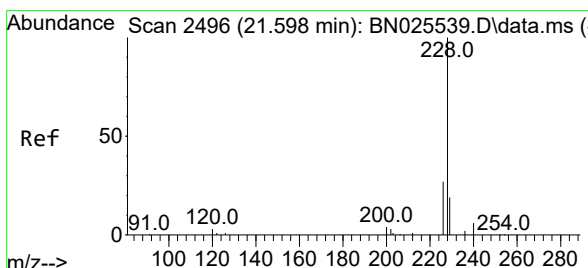
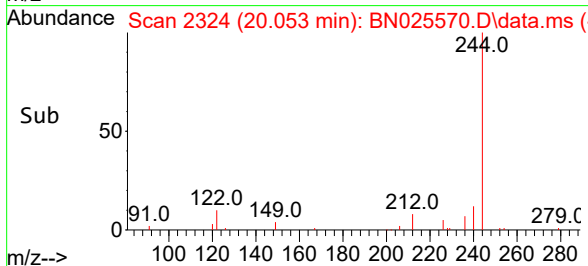
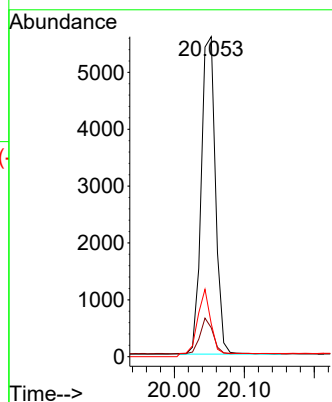
Tgt Ion:244 Resp: 7895

Ion Ratio Lower Upper

244 100

212 9.0 8.4 12.6

122 10.3 11.4 17.0#



#32

Benzo(a)anthracene

Concen: 0.114 ng

RT: 21.602 min Scan# 2497

Delta R.T. 0.004 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

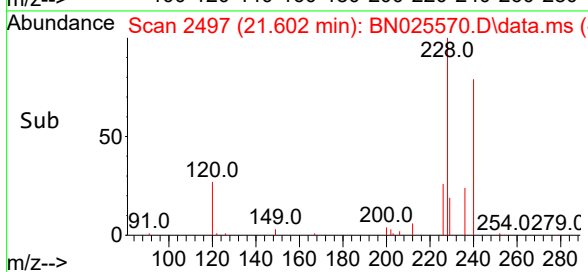
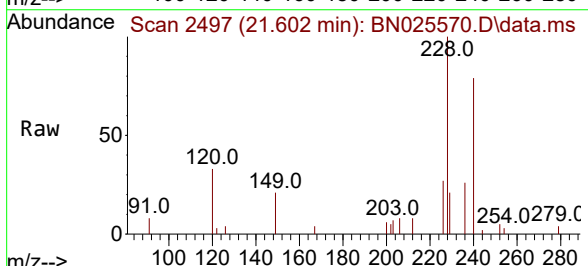
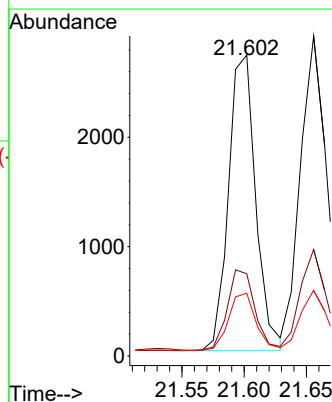
Tgt Ion:228 Resp: 4108

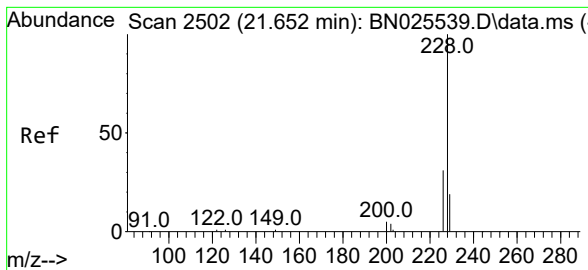
Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 20.8 15.4 23.2





#33

Chrysene

Concen: 0.113 ng

RT: 21.656 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

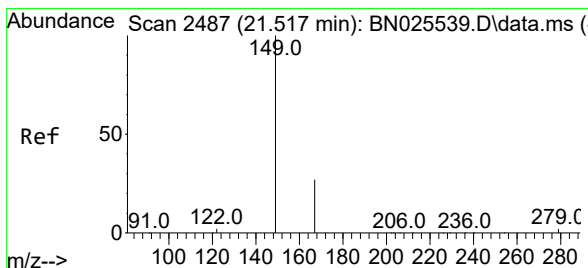
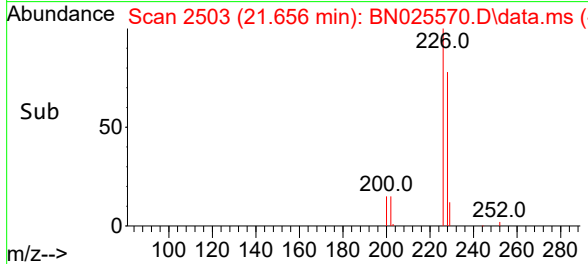
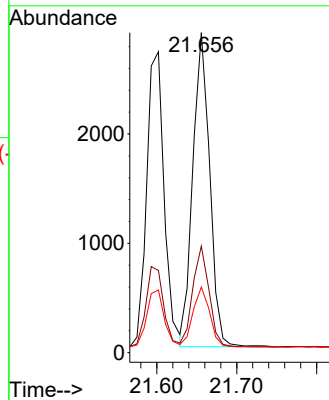
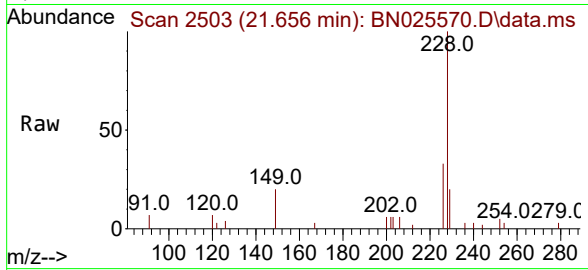
Tgt Ion:228 Resp: 4224

Ion Ratio Lower Upper

228 100

226 33.3 24.7 37.1

229 20.5 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

RT: 21.512 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

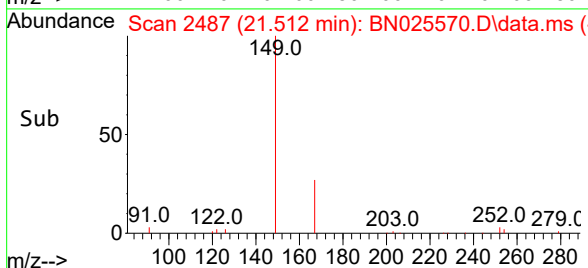
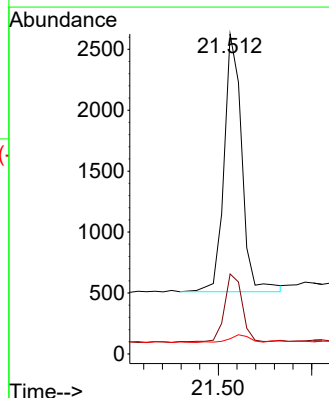
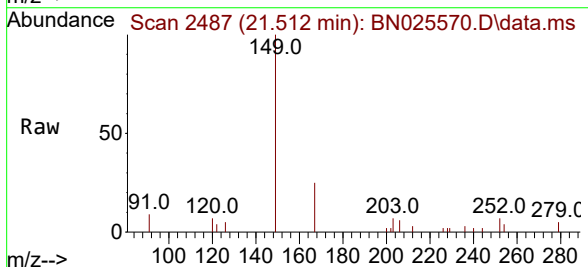
Tgt Ion:149 Resp: 2786

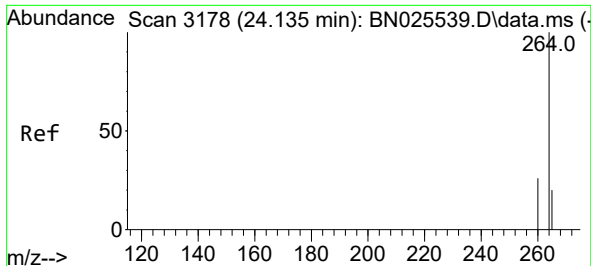
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 3.2 2.6 4.0





#35
Perylene-d12

Concen: 0.400 ng

RT: 24.133 min Scan# 31

Delta R.T. -0.002 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

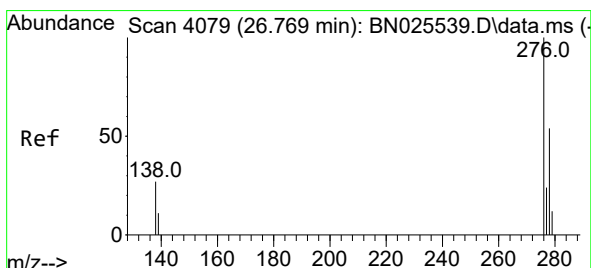
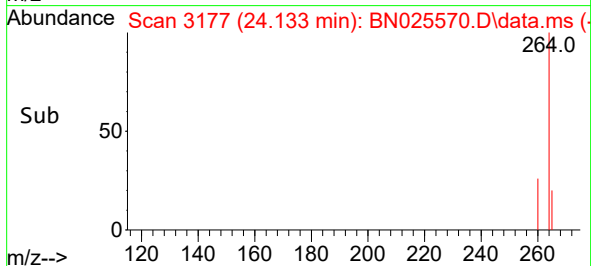
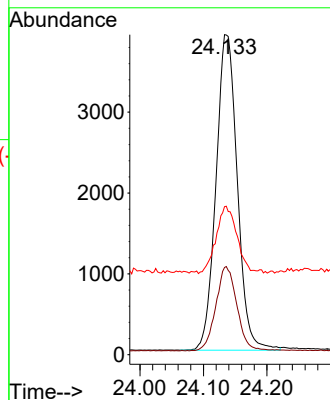
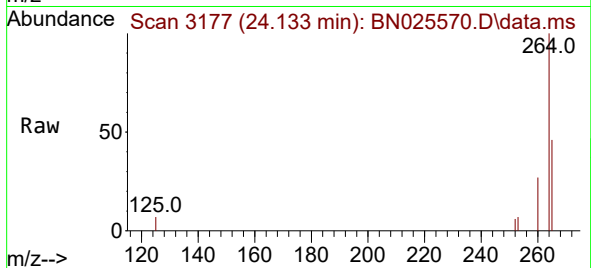
Tgt Ion:264 Resp: 9107

Ion Ratio Lower Upper

264 100

260 27.3 21.1 31.7

265 46.2 35.5 53.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.110 ng

RT: 26.770 min Scan# 4079

Delta R.T. 0.001 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

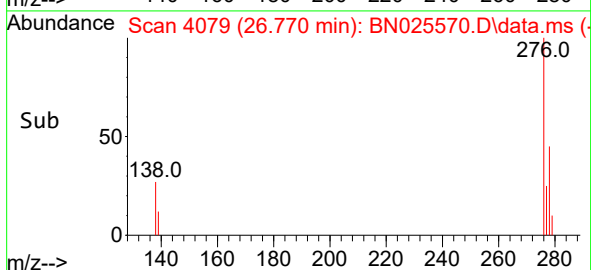
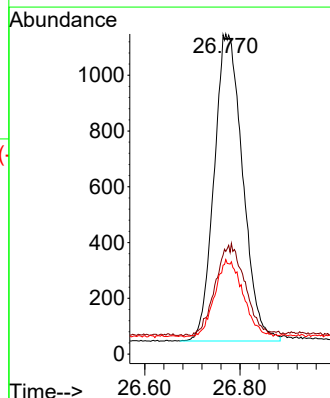
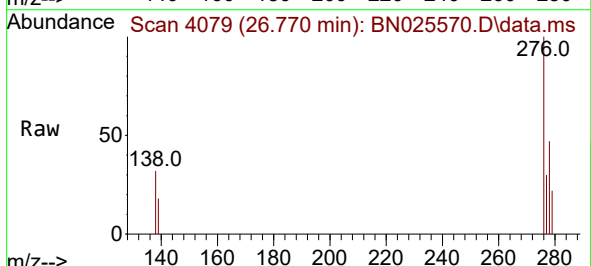
Tgt Ion:276 Resp: 4575

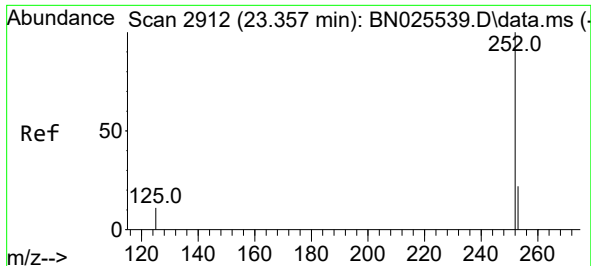
Ion Ratio Lower Upper

276 100

138 15.7 22.8 34.2#

277 25.2 19.8 29.6

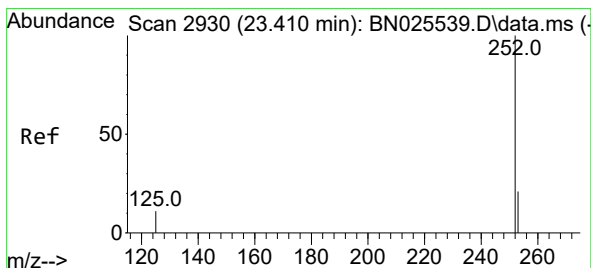
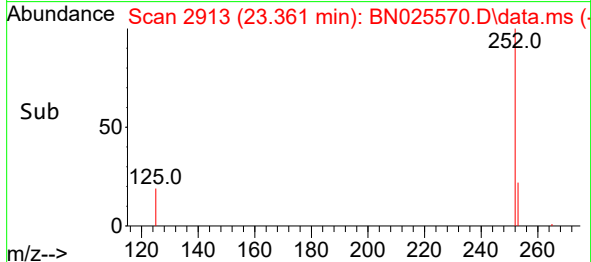
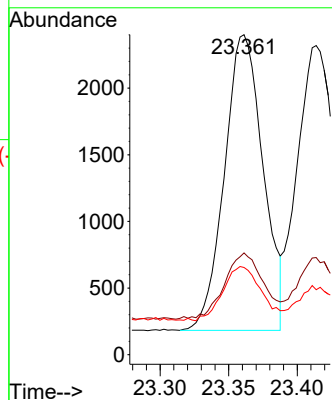
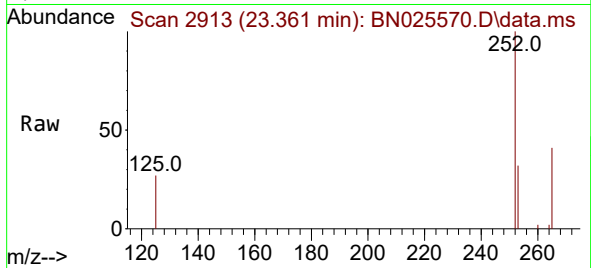




#37
Benzo(b)fluoranthene
Concen: 0.119 ng
RT: 23.361 min Scan# 2912
Delta R.T. 0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

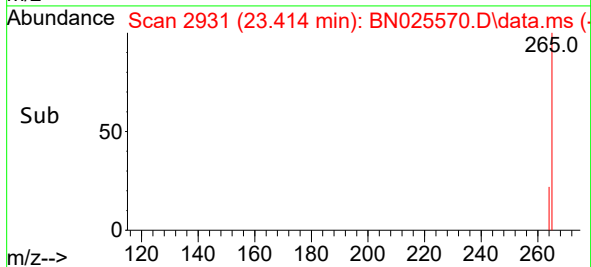
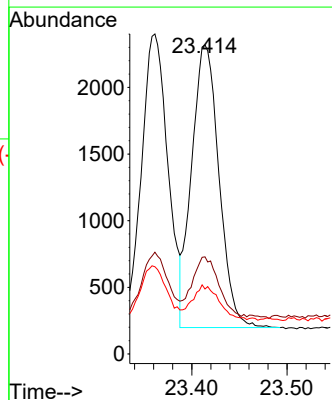
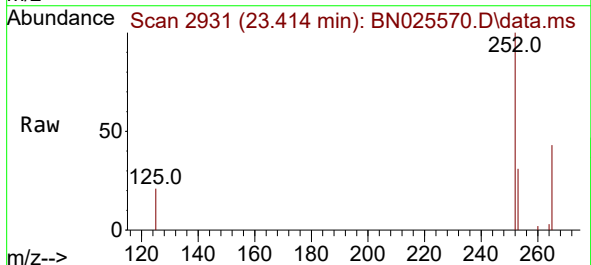
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

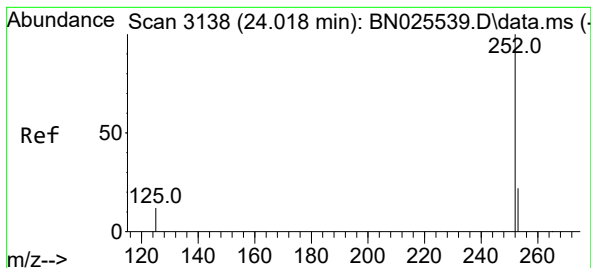
Tgt Ion:252 Resp: 4347
Ion Ratio Lower Upper
252 100
253 31.8 19.7 29.5#
125 27.2 11.3 16.9#



#38
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 23.414 min Scan# 2931
Delta R.T. 0.004 min
Lab File: BN025570.D
Acq: 23 May 2023 11:48

Tgt Ion:252 Resp: 4232
Ion Ratio Lower Upper
252 100
253 31.4 19.4 29.2#
125 21.0 10.9 16.3#





#39

Benzo(a)pyrene

Concen: 0.111 ng

RT: 24.016 min Scan# 3138

Delta R.T. -0.002 min

Lab File: BN025570.D

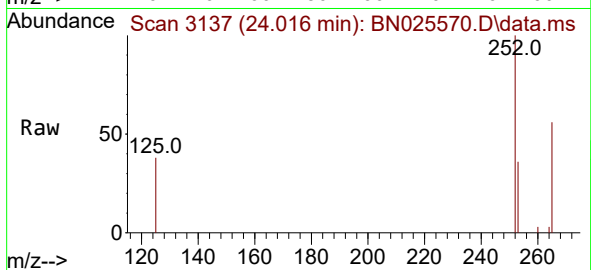
Acq: 23 May 2023 11:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023



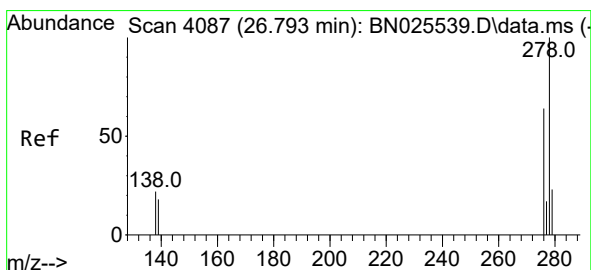
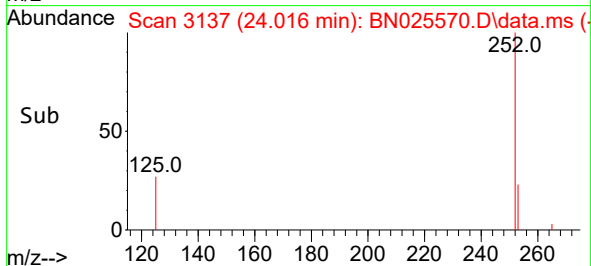
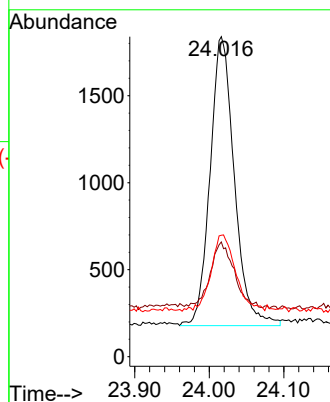
Tgt Ion:252 Resp: 3758

Ion Ratio Lower Upper

252 100

253 35.8 20.3 30.5#

125 38.0 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.108 ng

RT: 26.799 min Scan# 4089

Delta R.T. 0.007 min

Lab File: BN025570.D

Acq: 23 May 2023 11:48

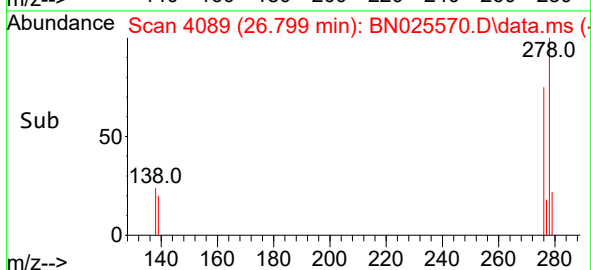
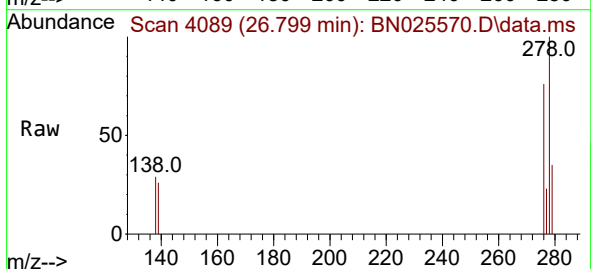
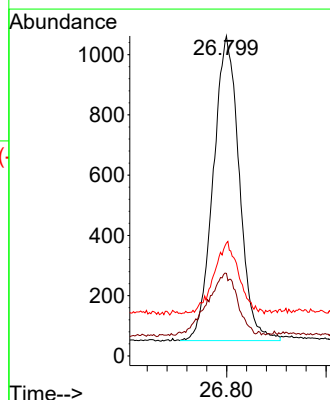
Tgt Ion:278 Resp: 3663

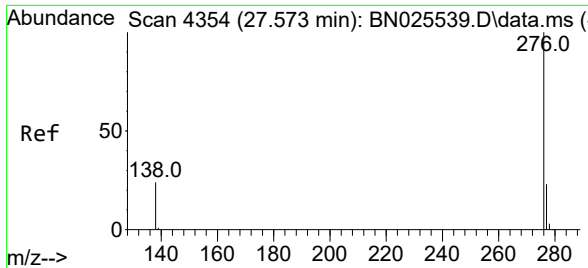
Ion Ratio Lower Upper

278 100

139 25.8 15.8 23.6#

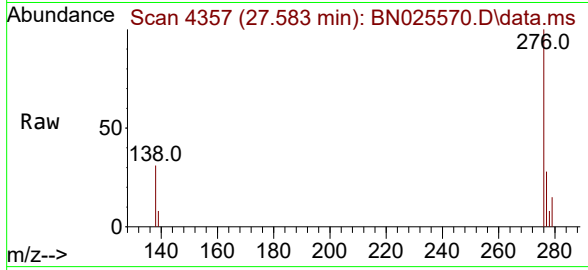
279 35.3 21.0 31.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.107 ng
 RT: 27.583 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: BN025570.D
 Acq: 23 May 2023 11:48

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



Tgt Ion:	276	Resp:	3787
Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.3	28.9
138	30.8	20.6	30.8

