

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024278.D
 Acq On : 14 Mar 2023 13:24
 Operator : CG/JU
 Sample : 01627-02
 Misc : LOQ-SOIL-0.2ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 15 01:54:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 15 01:49:05 2023
 Response via : Initial Calibration

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

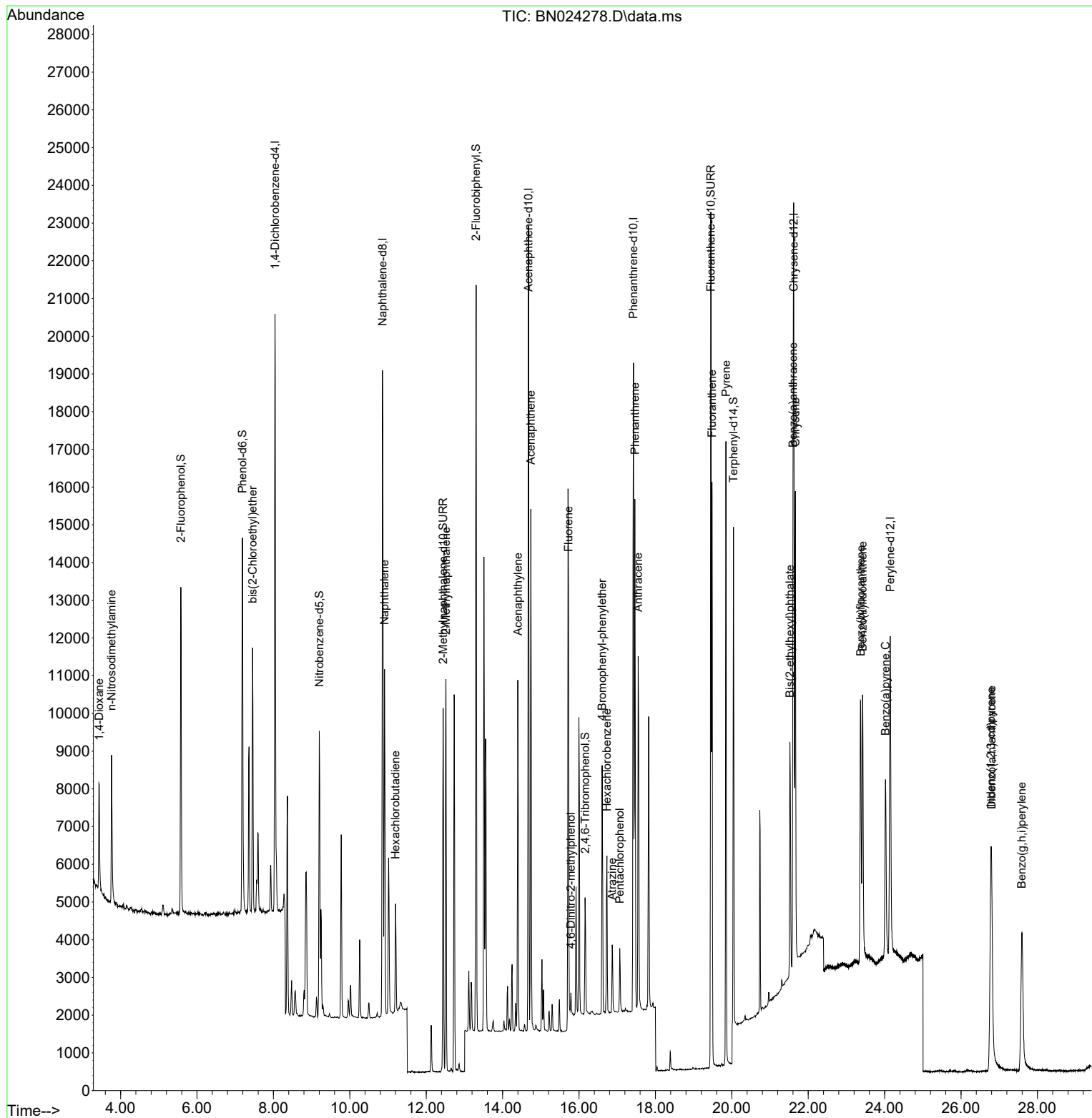
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7687	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	22270	0.400	ng	#-0.01
13) Acenaphthene-d10	14.675	164	11132	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	22677	0.400	ng	0.00
29) Chrysene-d12	21.619	240	17161	0.400	ng	# 0.00
35) Perylene-d12	24.147	264	14499	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	6809	0.400	ng	0.00
5) Phenol-d6	7.188	99	8752	0.400	ng	0.00
8) Nitrobenzene-d5	9.201	82	5907	0.397	ng	-0.01
11) 2-Methylnaphthalene-d10	12.441	152	12883	0.471	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1768	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	15987	0.380	ng	0.00
27) Fluoranthene-d10	19.450	212	22692	0.472	ng	0.00
31) Terphenyl-d14	20.043	244	10780	0.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	1897	0.227	ng	95
3) n-Nitrosodimethylamine	3.764	42	2688	0.219	ng	97
6) bis(2-Chloroethyl)ether	7.455	93	4619	0.213	ng	97
9) Naphthalene	10.909	128	11568	0.204	ng	98
10) Hexachlorobutadiene	11.197	225	2197	0.205	ng	# 98
12) 2-Methylnaphthalene	12.516	142	7127	0.186	ng	100
16) Acenaphthylene	14.397	152	9805	0.186	ng	100
17) Acenaphthene	14.740	154	6362	0.189	ng	97
18) Fluorene	15.725	166	7357	0.183	ng	99
20) 4,6-Dinitro-2-methylph...	15.787	198	326	0.255	ng	# 56
21) 4-Bromophenyl-phenylether	16.606	248	2307	0.171	ng	# 68
22) Hexachlorobenzene	16.730	284	3371	0.204	ng	98
23) Atrazine	16.867	200	1584	0.185	ng	# 88
24) Pentachlorophenol	17.065	266	807	0.209	ng	99
25) Phenanthrene	17.463	178	12970	0.193	ng	100
26) Anthracene	17.549	178	10932	0.176	ng	99
28) Fluoranthene	19.480	202	13380	0.182	ng	99
30) Pyrene	19.847	202	13735	0.198	ng	100
32) Benzo(a)anthracene	21.601	228	10529	0.184	ng	99
33) Chrysene	21.664	228	11707	0.191	ng	100
34) Bis(2-ethylhexyl)phtha...	21.520	149	4897	0.182	ng	99
36) Indeno(1,2,3-cd)pyrene	26.781	276	9937	0.183	ng	98
37) Benzo(b)fluoranthene	23.372	252	10824	0.192	ng	# 89
38) Benzo(k)fluoranthene	23.424	252	10504	0.181	ng	# 91
39) Benzo(a)pyrene	24.024	252	8418	0.163	ng	# 84
40) Dibenzo(a,h)anthracene	26.798	278	7290	0.173	ng	92
41) Benzo(g,h,i)perylene	27.591	276	9629	0.196	ng	96

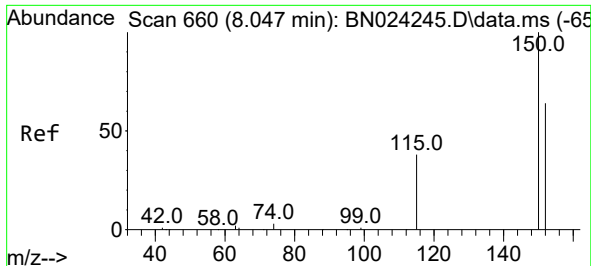
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
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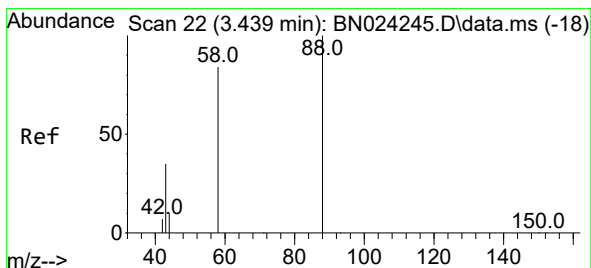
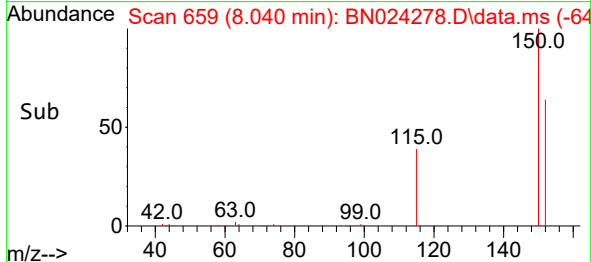
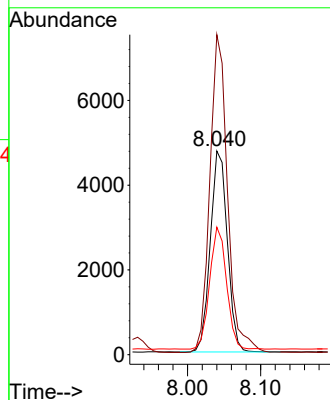
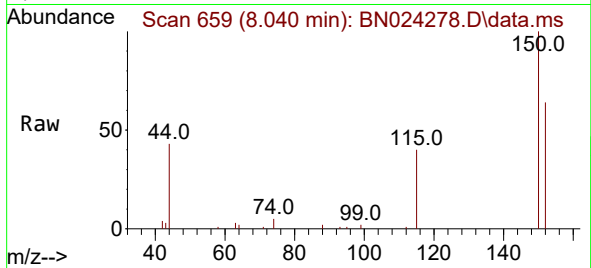




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024278.D
 Acq: 14 Mar 2023 13:24

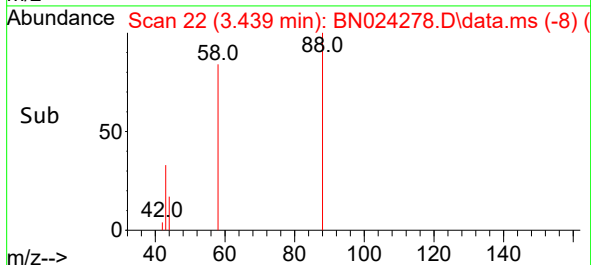
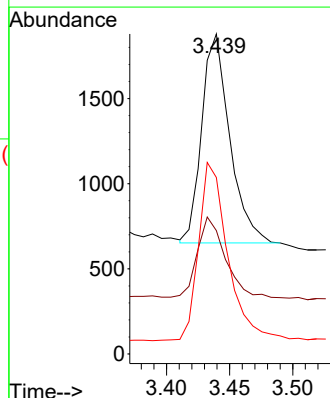
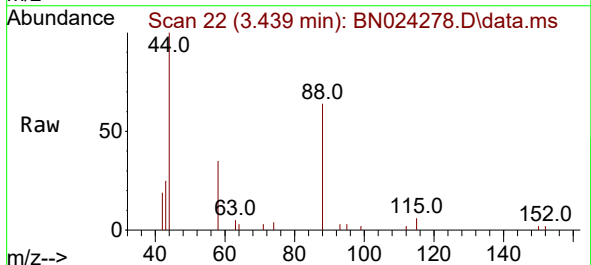
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

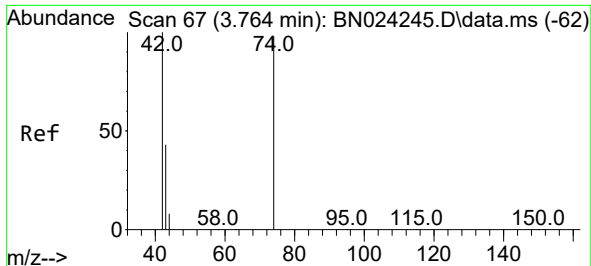
Tgt Ion:152 Resp: 7687
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.7 187.1
 115 62.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.227 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024278.D
 Acq: 14 Mar 2023 13:24

Tgt Ion: 88 Resp: 1897
 Ion Ratio Lower Upper
 88 100
 43 38.1 29.0 43.4
 58 88.9 67.3 100.9

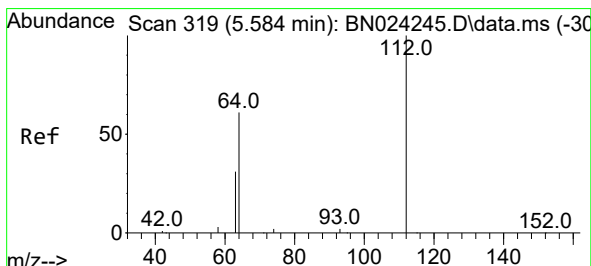
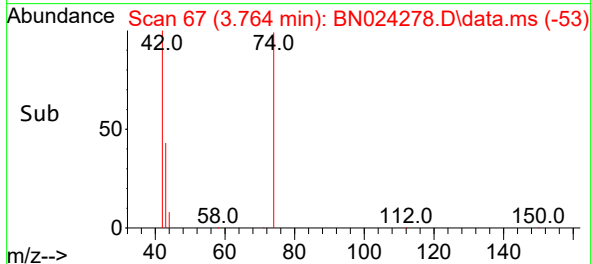
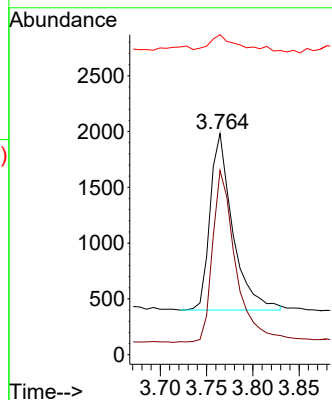
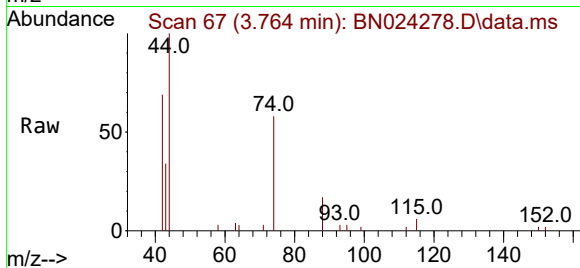




#3
n-Nitrosodimethylamine
Concen: 0.219 ng
RT: 3.764 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

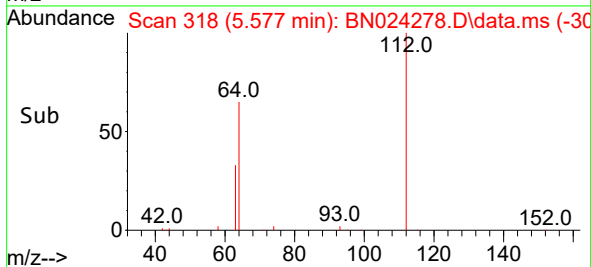
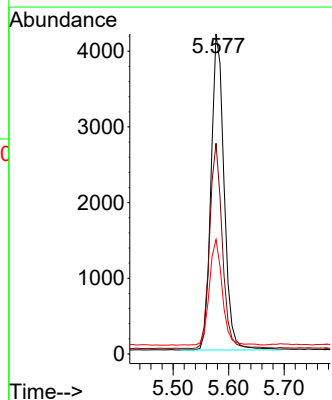
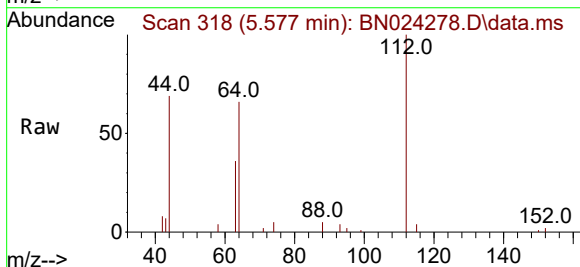
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

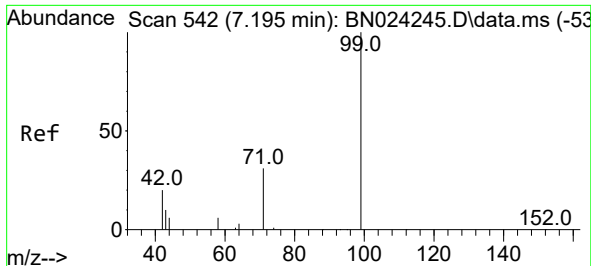
Tgt Ion: 42 Resp: 2688
Ion Ratio Lower Upper
42 100
74 99.2 81.6 122.4
44 10.6 7.3 10.9



#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 112 Resp: 6809
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.6
63 33.1 25.7 38.5

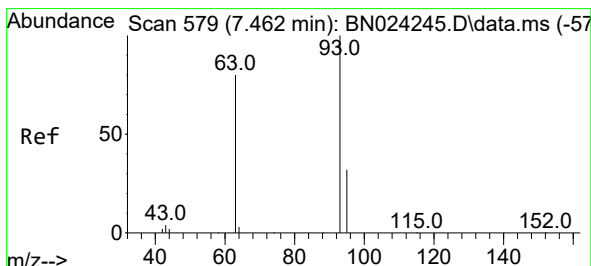
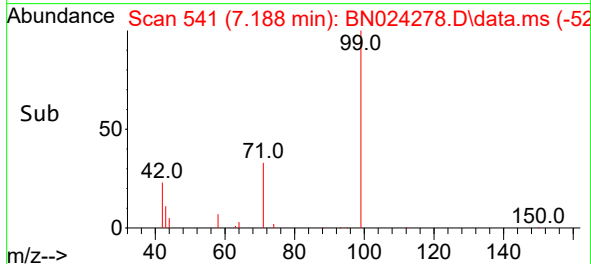
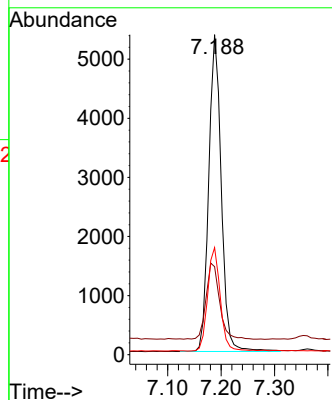
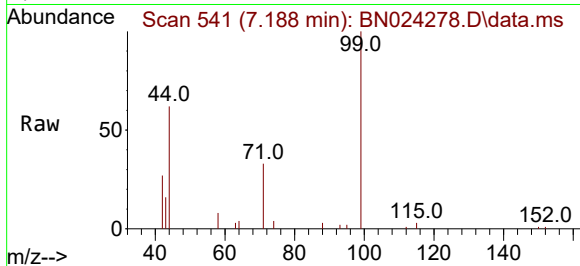




#5
Phenol-d6
Concen: 0.400 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

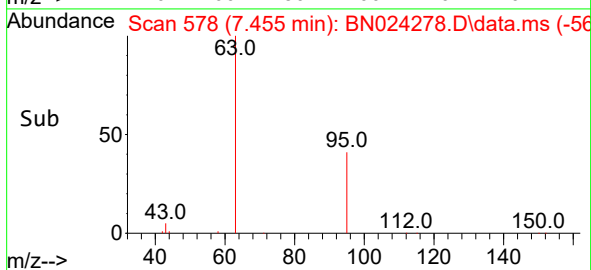
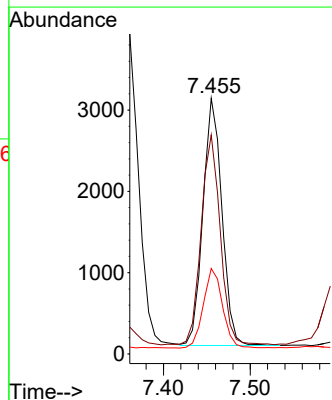
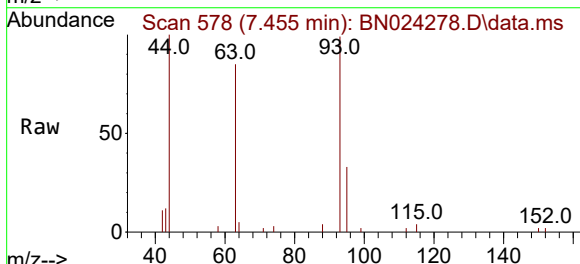
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ClientSampleId :
LOQ-SOIL-02-QT1-2023

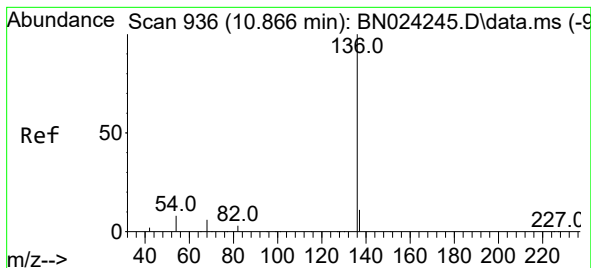
Tgt Ion: 99 Resp: 8752
Ion Ratio Lower Upper
99 100
42 25.9 20.1 30.1
71 33.1 25.8 38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.213 ng
RT: 7.455 min Scan# 578
Delta R.T. -0.007 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion: 93 Resp: 4619
Ion Ratio Lower Upper
93 100
63 85.3 65.4 98.2
95 32.7 25.8 38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.856 min Scan# 91

Delta R.T. -0.010 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

Tgt Ion:136 Resp: 22270

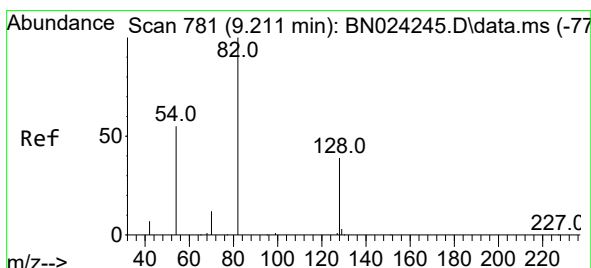
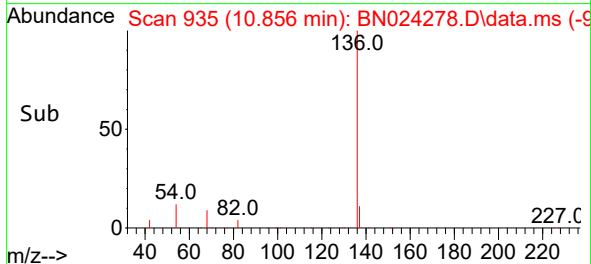
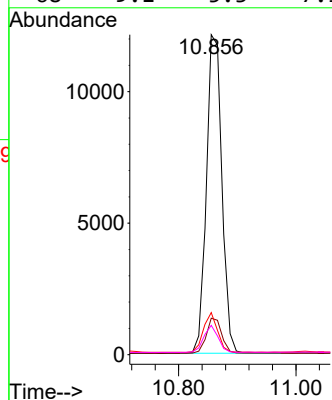
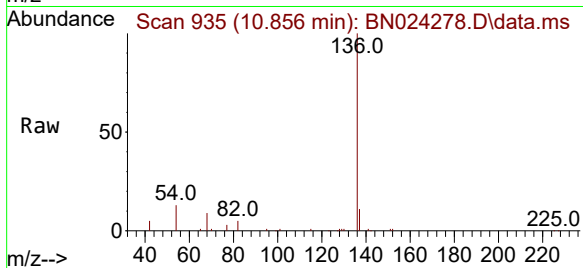
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 13.1 7.1 10.7#

68 9.1 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 9.201 min Scan# 780

Delta R.T. -0.010 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

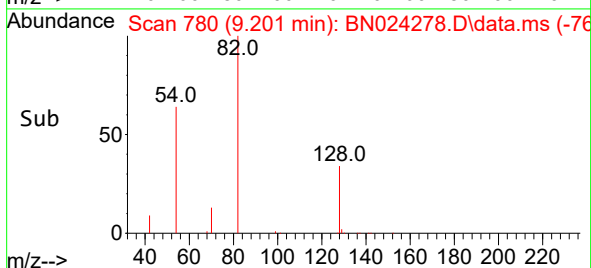
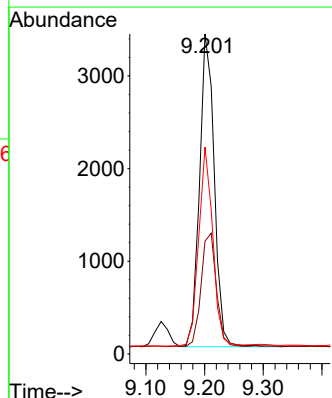
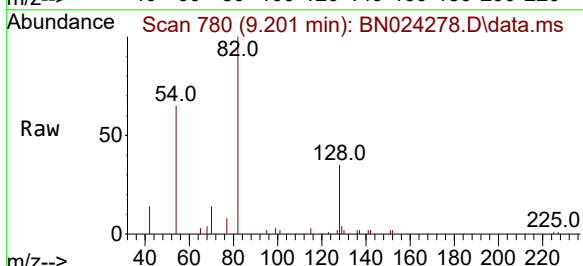
Tgt Ion: 82 Resp: 5907

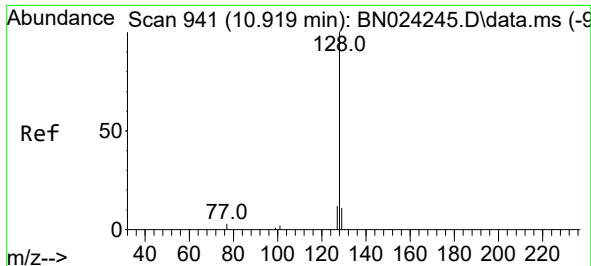
Ion Ratio Lower Upper

82 100

128 35.2 32.4 48.6

54 64.7 45.2 67.8

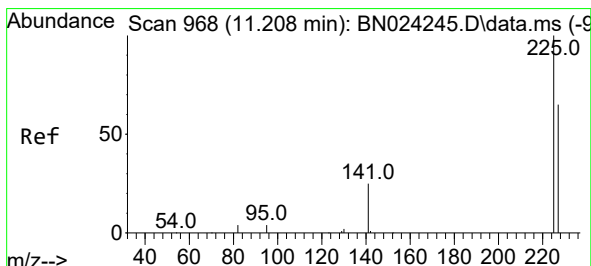
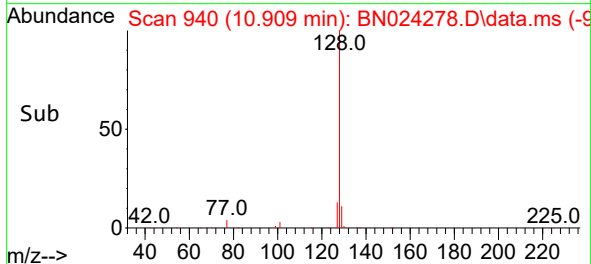
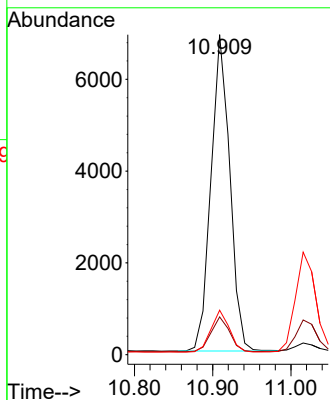
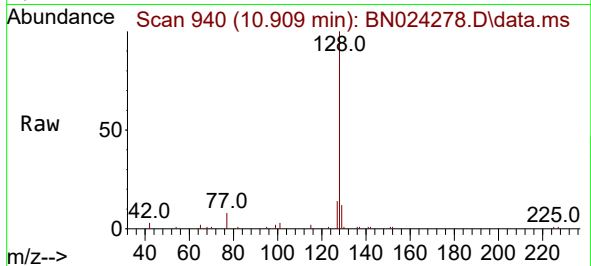




#9
Naphthalene
Concen: 0.204 ng
RT: 10.909 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

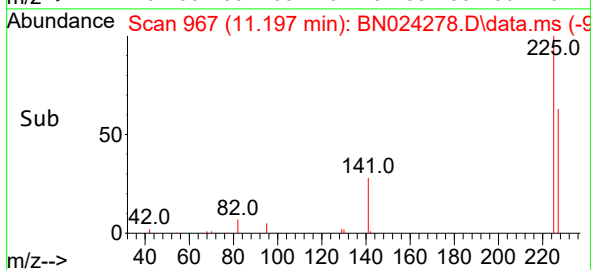
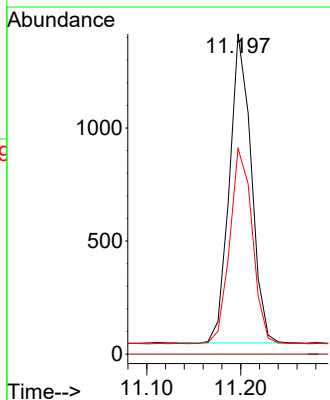
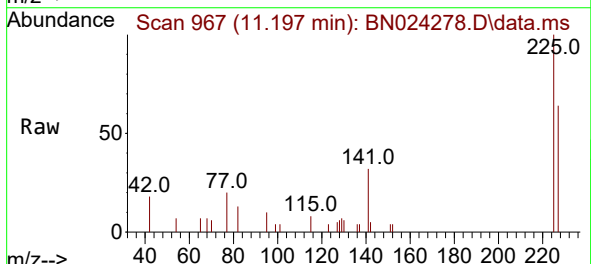
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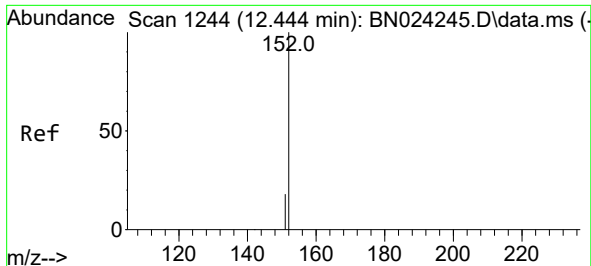
Tgt Ion:	128	Resp:	11568
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	13.9	10.2	15.4



#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 11.197 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:	225	Resp:	2197
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	65.4	51.0	76.4

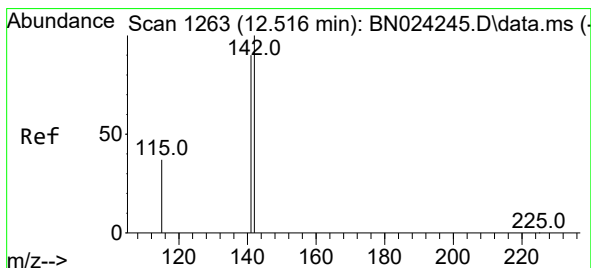
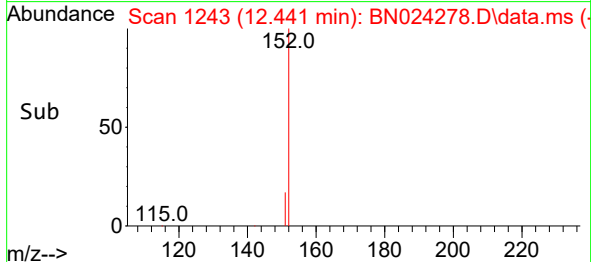
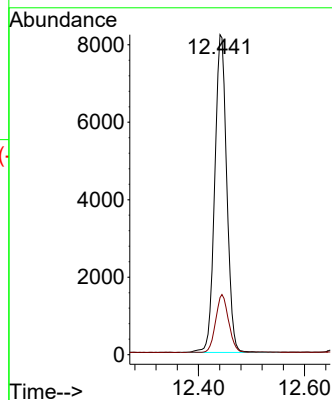
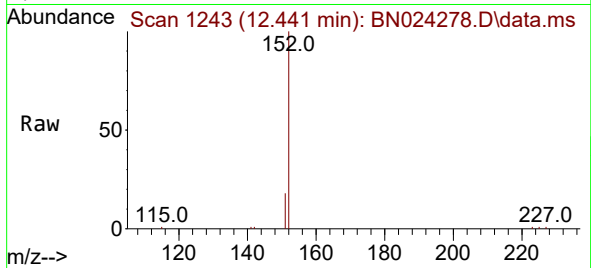




#11
2-Methylnaphthalene-d10
Concen: 0.471 ng
RT: 12.441 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

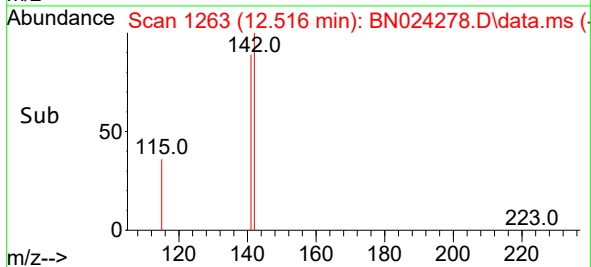
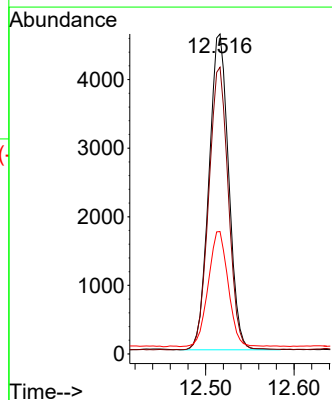
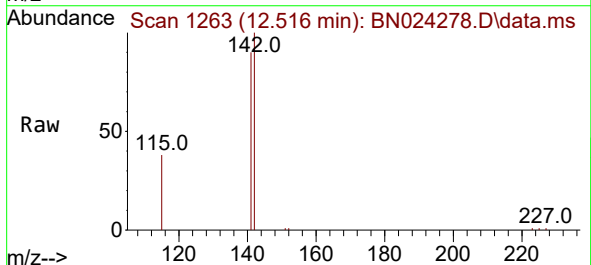
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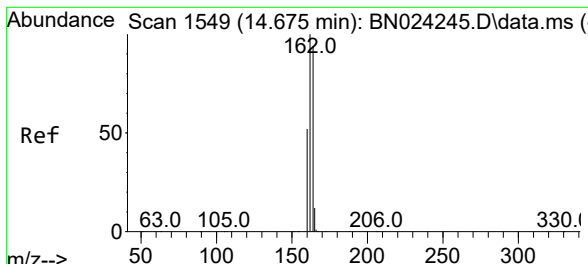
Tgt Ion:152 Resp: 12883
Ion Ratio Lower Upper
152 100
151 19.5 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:142 Resp: 7127
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6
115 38.2 30.0 45.0

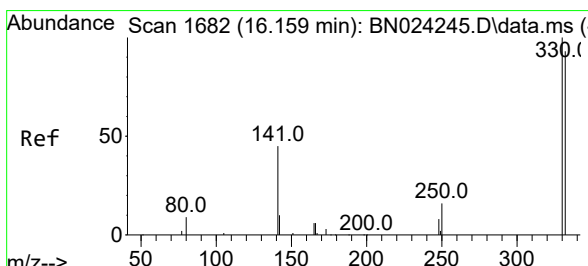
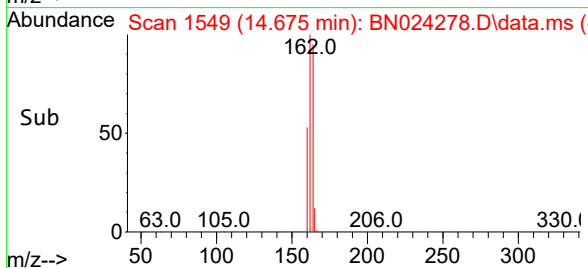
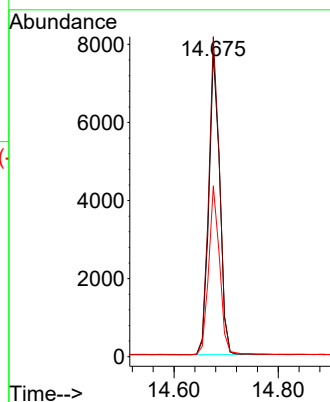
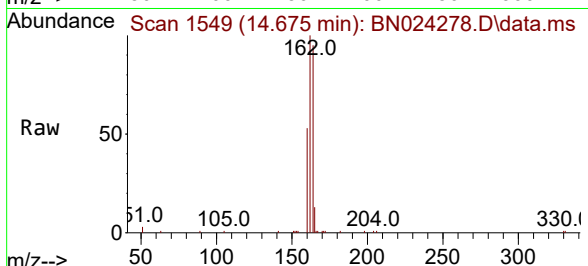




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN024278.D
 Acq: 14 Mar 2023 13:24

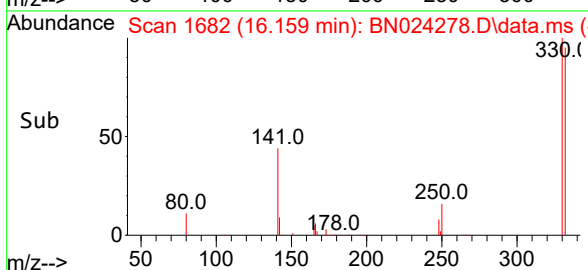
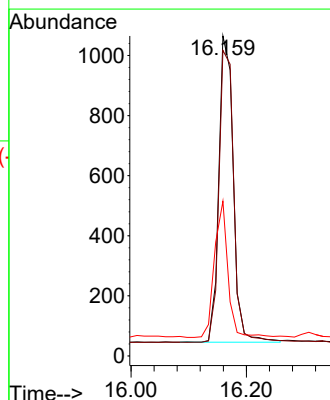
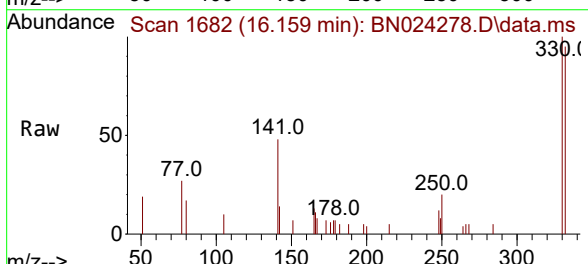
Instrument :
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 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

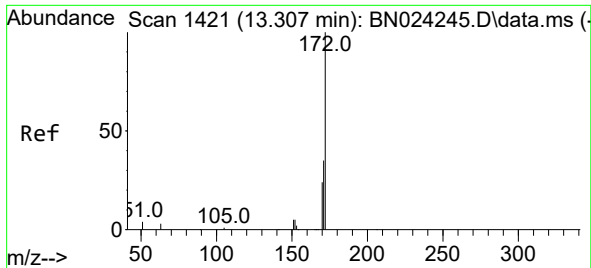
Tgt Ion:	164	Resp:	11132
Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.7	127.1
160	56.2	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024278.D
 Acq: 14 Mar 2023 13:24

Tgt Ion:	330	Resp:	1768
Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	41.3	30.8	46.2

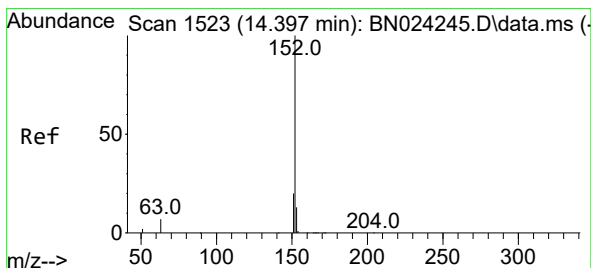
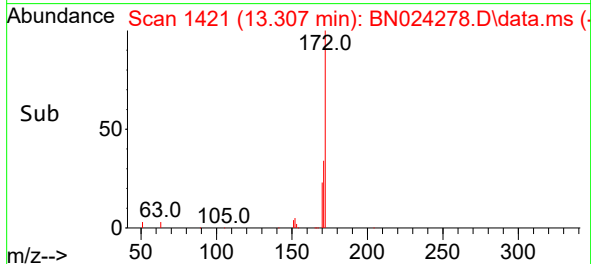
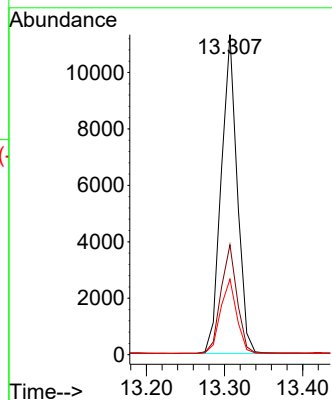
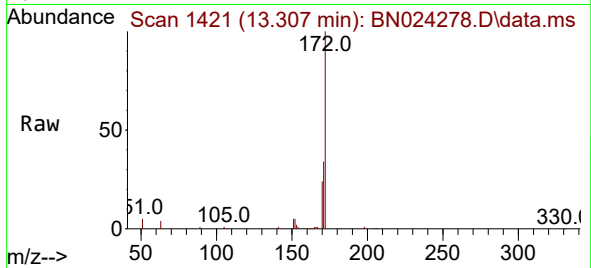




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

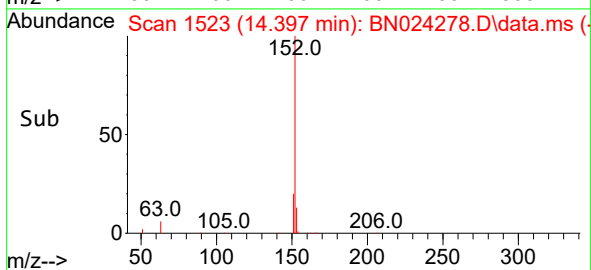
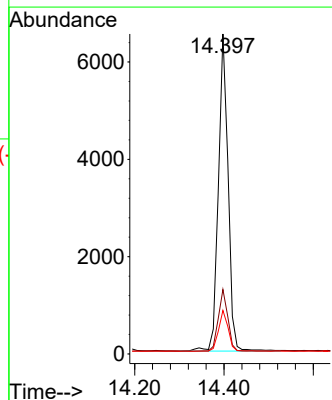
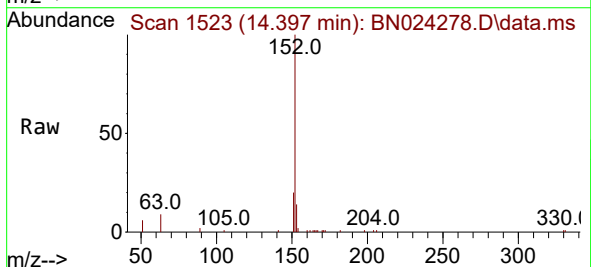
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

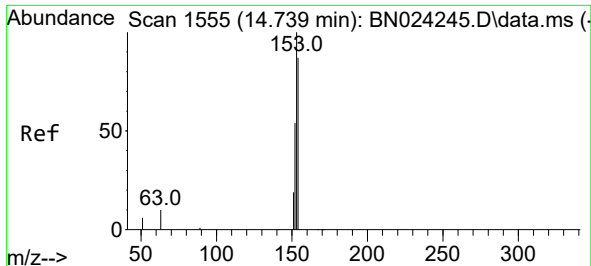
Tgt Ion:172 Resp: 15987
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.6 19.0 28.6



#16
Acenaphthylene
Concen: 0.186 ng
RT: 14.397 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:152 Resp: 9805
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0
153 12.9 10.4 15.6

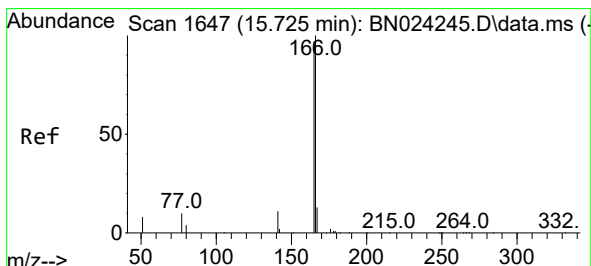
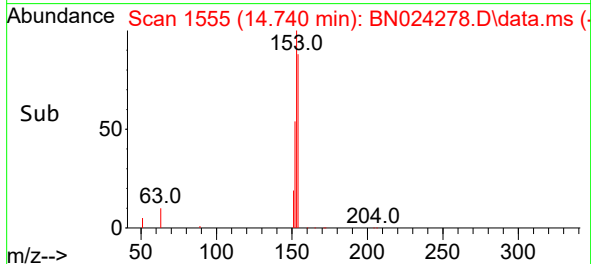
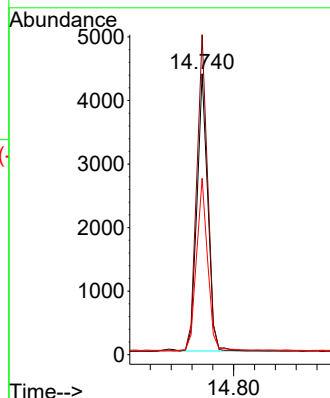
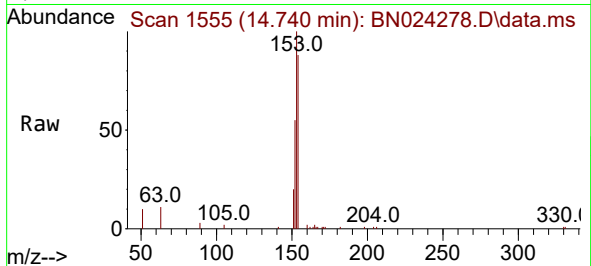




#17
Acenaphthene
Concen: 0.189 ng
RT: 14.740 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

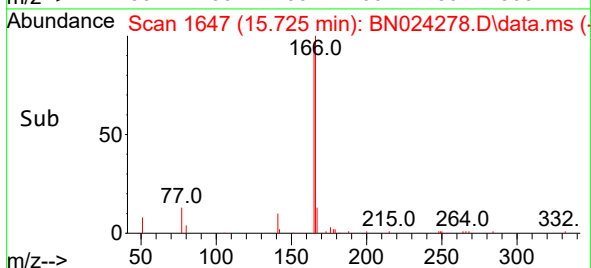
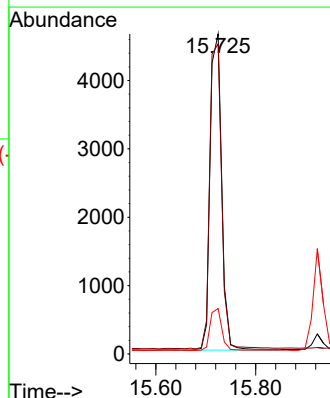
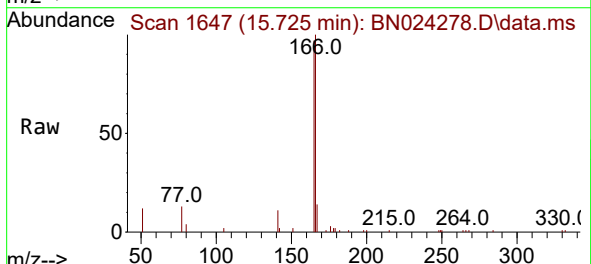
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

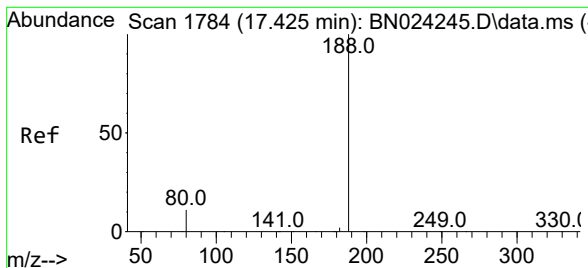
Tgt Ion:154 Resp: 6362
Ion Ratio Lower Upper
154 100
153 113.7 88.4 132.6
152 63.6 48.7 73.1



#18
Fluorene
Concen: 0.183 ng
RT: 15.725 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:166 Resp: 7357
Ion Ratio Lower Upper
166 100
165 98.9 80.2 120.2
167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

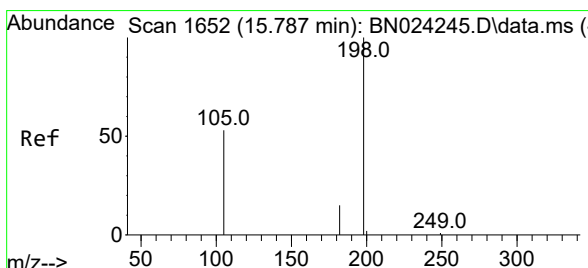
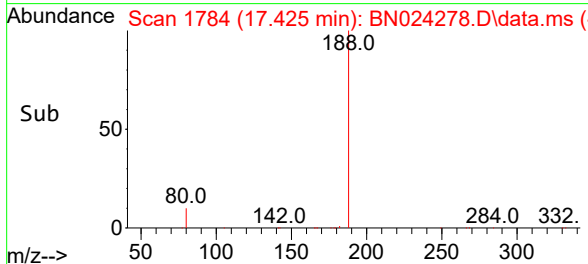
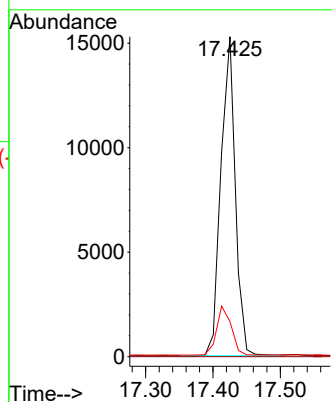
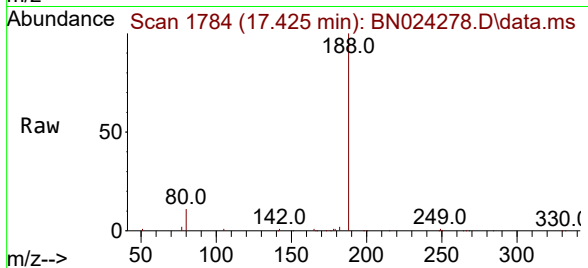
Tgt Ion:188 Resp: 22677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.255 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

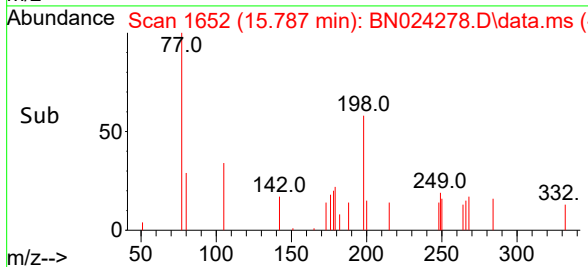
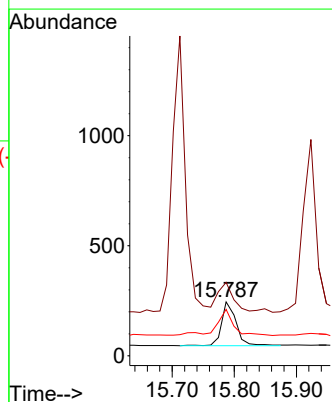
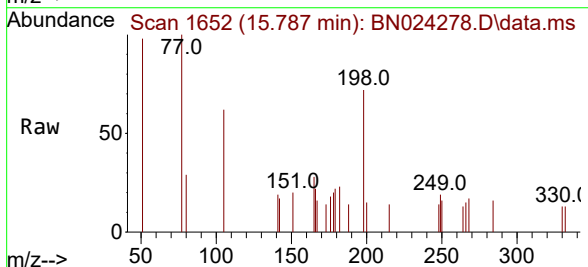
Tgt Ion:198 Resp: 326

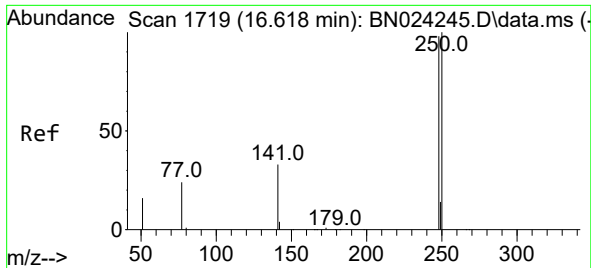
Ion Ratio Lower Upper

198 100

51 136.3 68.2 102.2#

105 86.1 51.6 77.4#

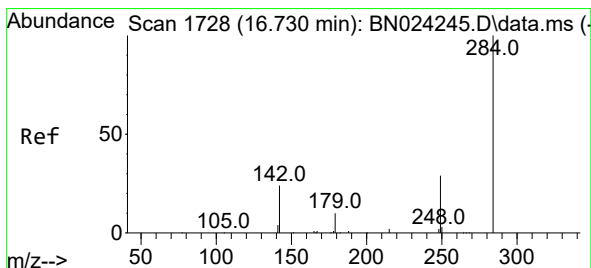
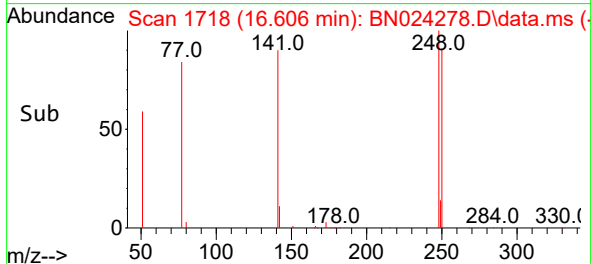
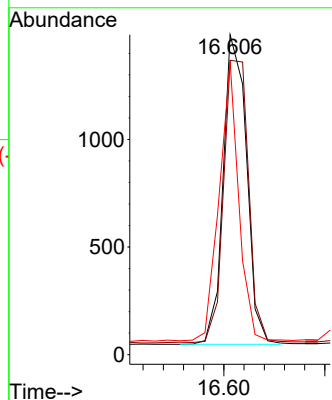
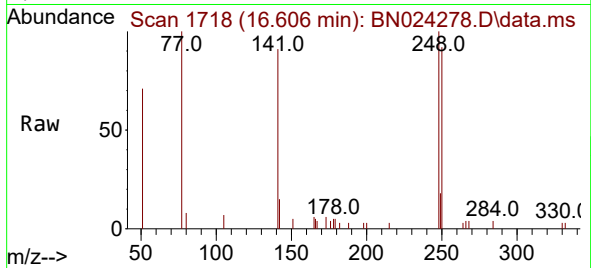




#21
4-Bromophenyl-phenylether
Concen: 0.171 ng
RT: 16.606 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

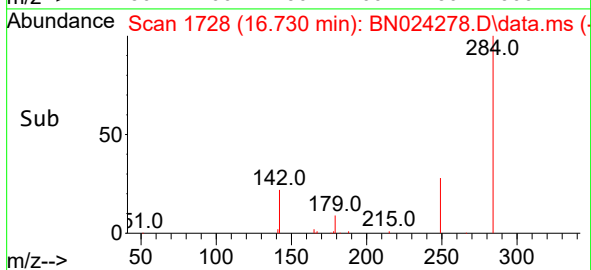
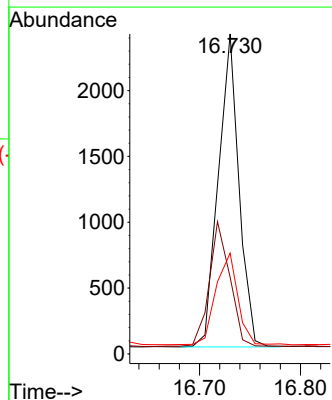
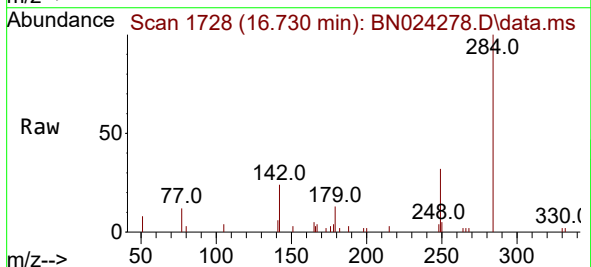
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

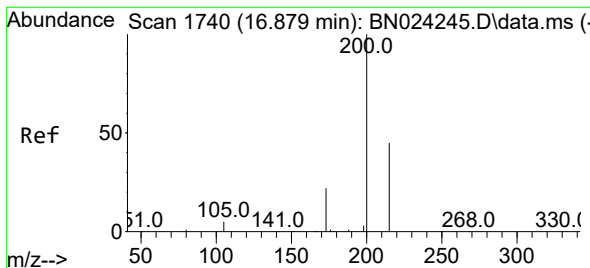
Tgt Ion:248 Resp: 2307
Ion Ratio Lower Upper
248 100
250 92.0 81.9 122.9
141 91.7 28.2 42.2#



#22
Hexachlorobenzene
Concen: 0.204 ng
RT: 16.730 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:284 Resp: 3371
Ion Ratio Lower Upper
284 100
142 39.9 30.2 45.4
249 31.1 24.5 36.7





#23

Atrazine

Concen: 0.185 ng

RT: 16.867 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

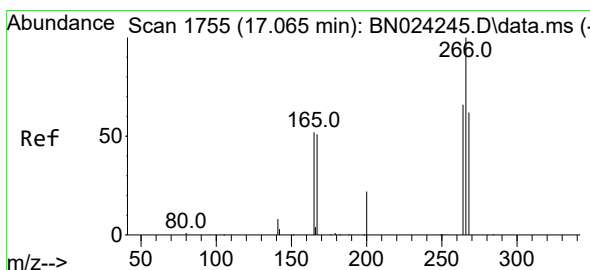
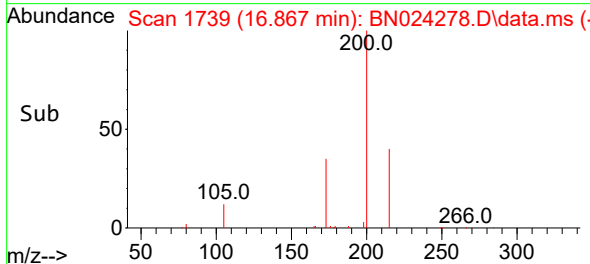
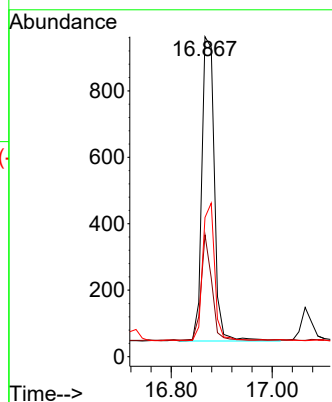
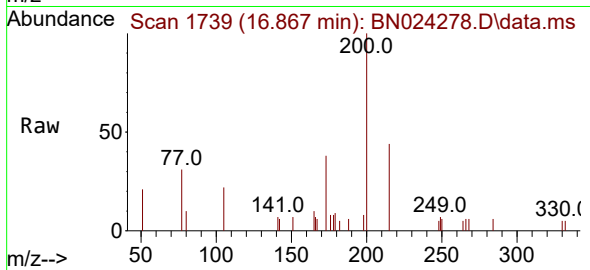
Tgt Ion:200 Resp: 1584

Ion Ratio Lower Upper

200 100

173 38.1 18.9 28.3#

215 43.5 36.7 55.1



#24

Pentachlorophenol

Concen: 0.209 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

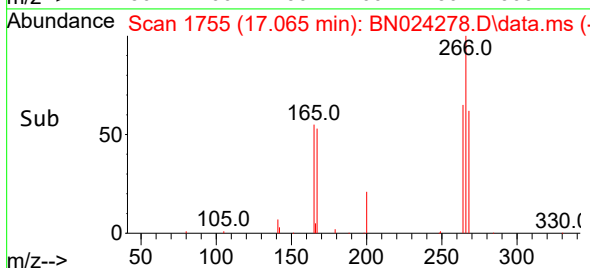
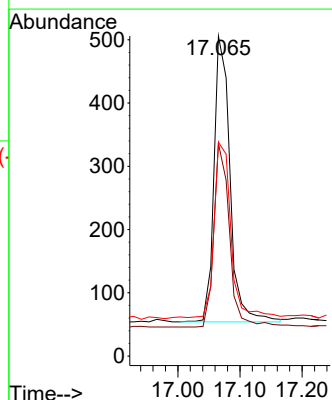
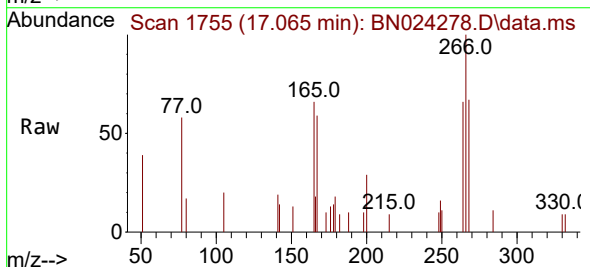
Tgt Ion:266 Resp: 807

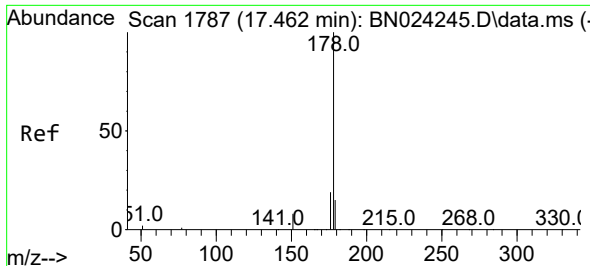
Ion Ratio Lower Upper

266 100

264 63.3 51.1 76.7

268 64.3 52.2 78.4

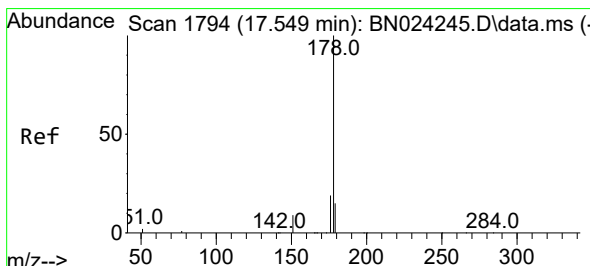
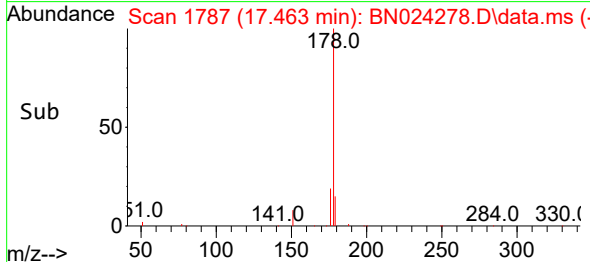
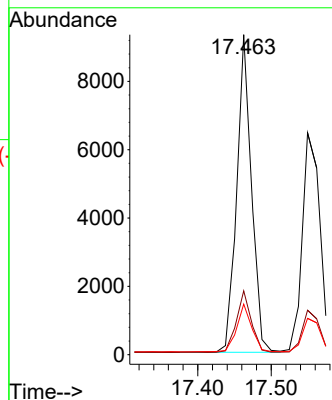
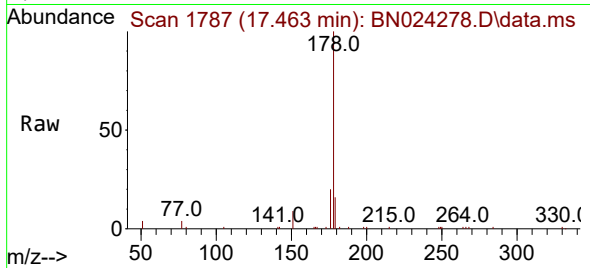




#25
Phenanthrene
Concen: 0.193 ng
RT: 17.463 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

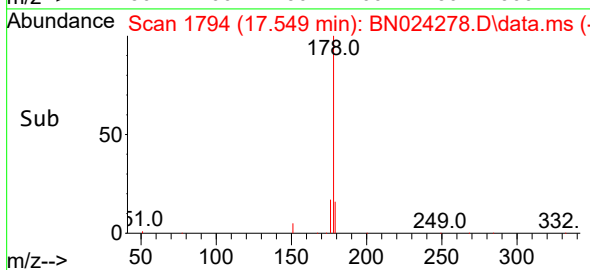
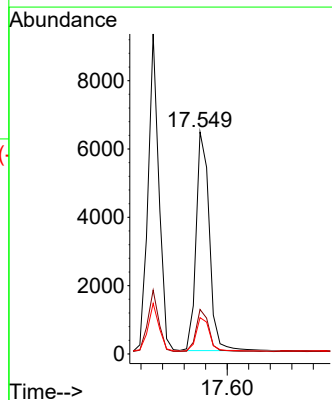
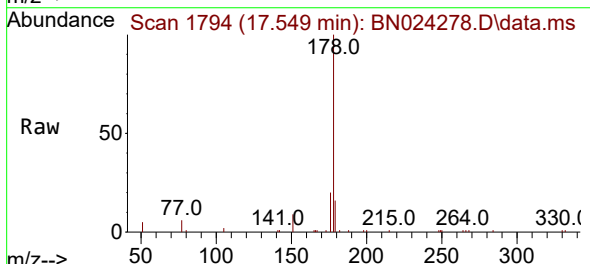
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

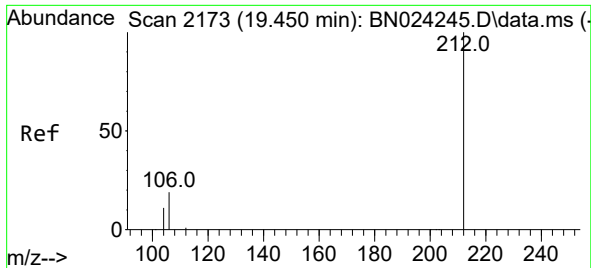
Tgt Ion:178 Resp: 12970
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.2 18.2



#26
Anthracene
Concen: 0.176 ng
RT: 17.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:178 Resp: 10932
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.1 18.1

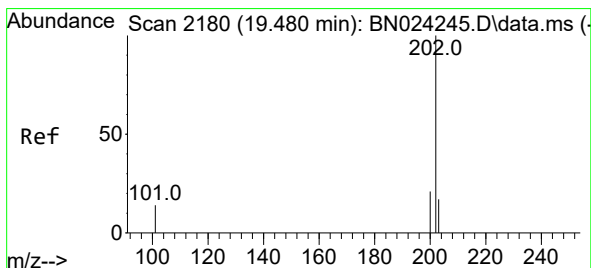
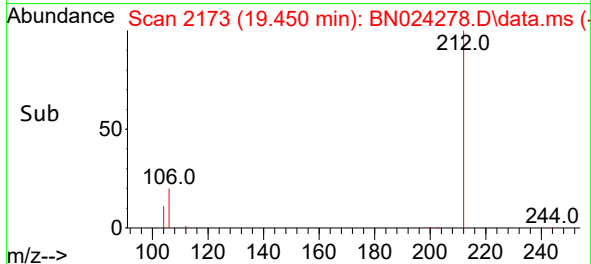
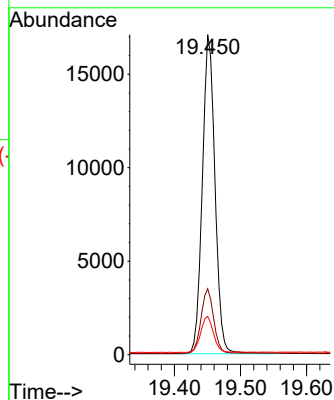
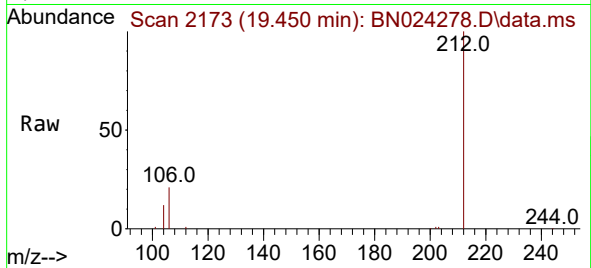




#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

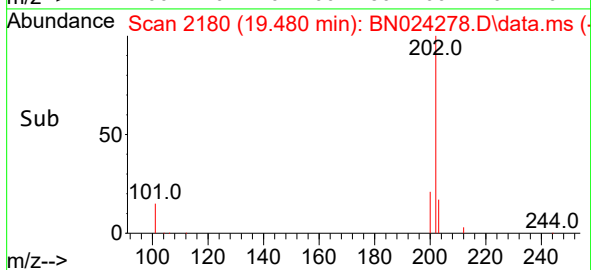
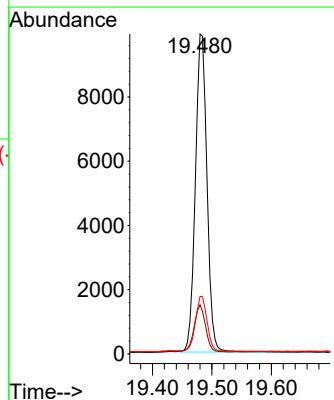
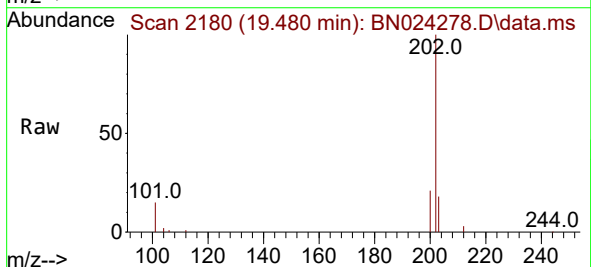
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

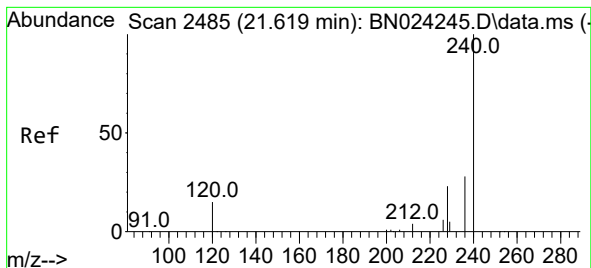
Tgt Ion:212 Resp: 22692
Ion Ratio Lower Upper
212 100
106 20.1 15.4 23.2
104 11.4 8.6 13.0



#28
Fluoranthene
Concen: 0.182 ng
RT: 19.480 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Tgt Ion:202 Resp: 13380
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
203 17.3 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.619 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

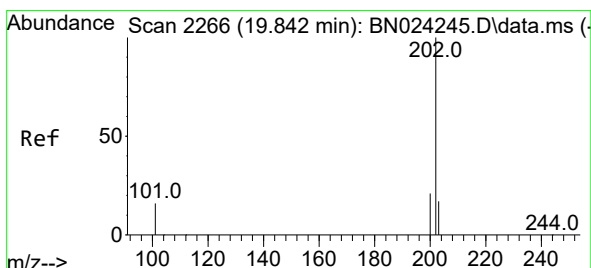
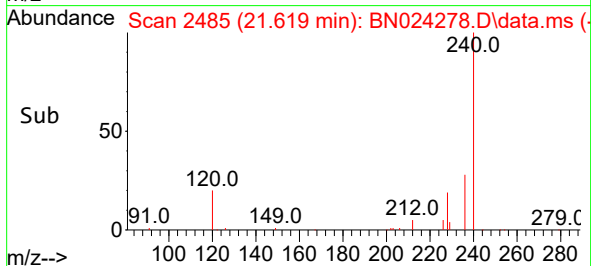
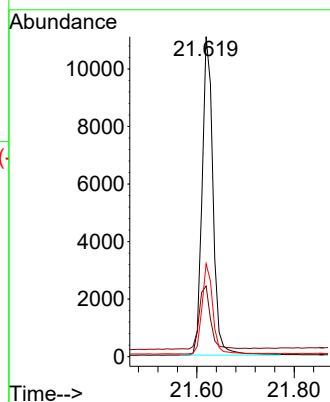
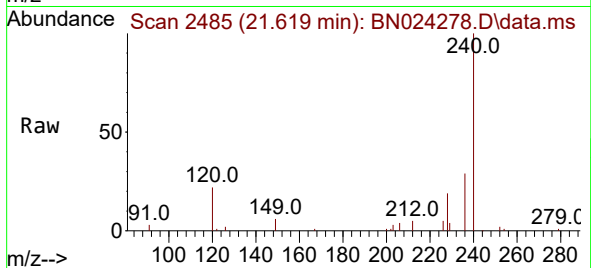
Tgt Ion:240 Resp: 17161

Ion Ratio Lower Upper

240 100

120 22.1 12.8 19.2#

236 29.0 22.5 33.7



#30

Pyrene

Concen: 0.198 ng

RT: 19.847 min Scan# 2267

Delta R.T. 0.004 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

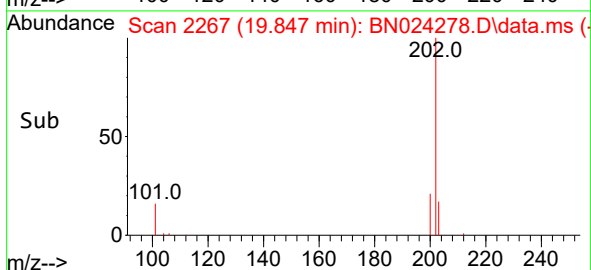
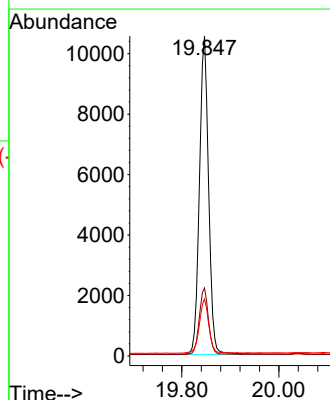
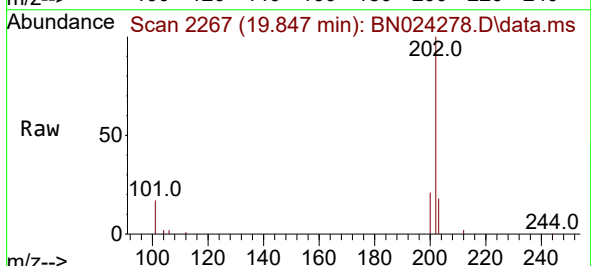
Tgt Ion:202 Resp: 13735

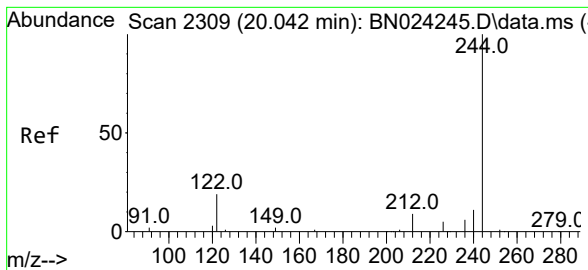
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.373 ng

RT: 20.043 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

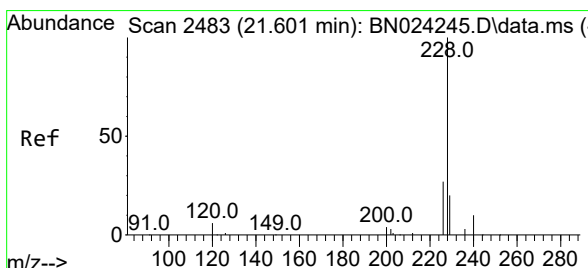
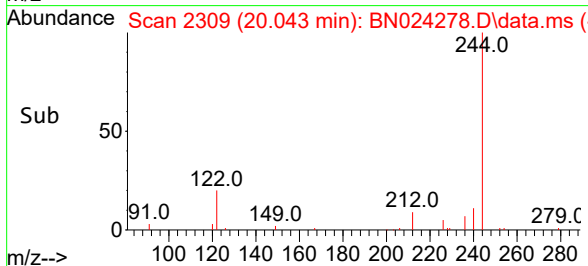
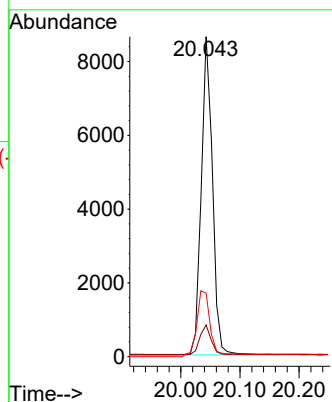
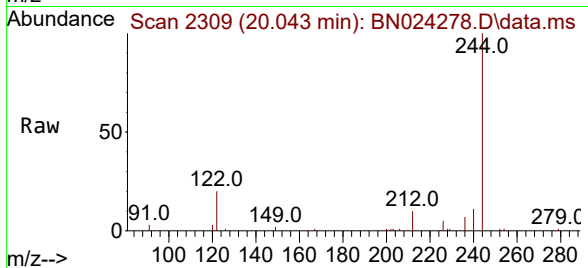
Tgt Ion:244 Resp: 10780

Ion Ratio Lower Upper

244 100

212 9.9 7.6 11.4

122 19.9 15.1 22.7



#32

Benzo(a)anthracene

Concen: 0.184 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

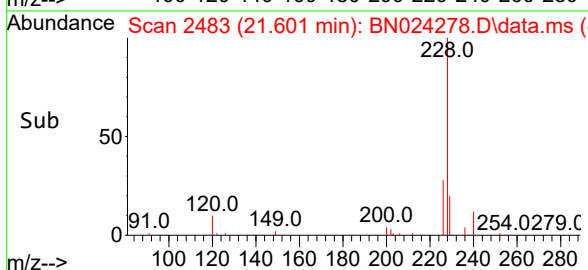
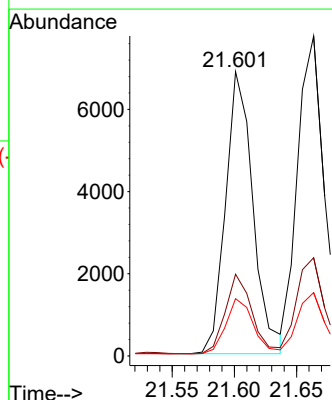
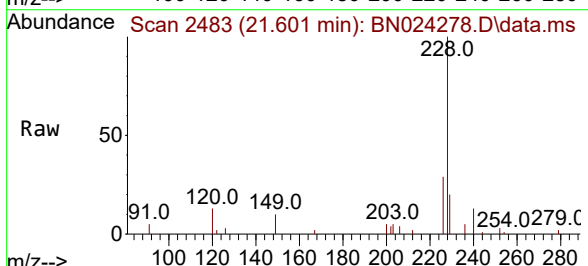
Tgt Ion:228 Resp: 10529

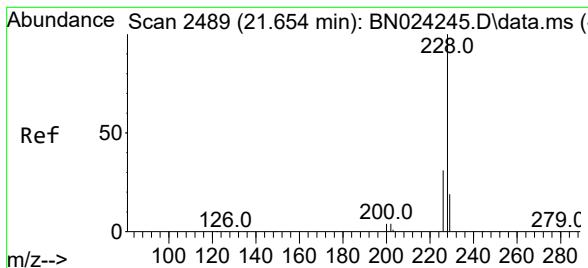
Ion Ratio Lower Upper

228 100

226 28.8 22.2 33.2

229 20.1 15.9 23.9





#33

Chrysene

Concen: 0.191 ng

RT: 21.664 min Scan# 2490

Delta R.T. 0.009 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

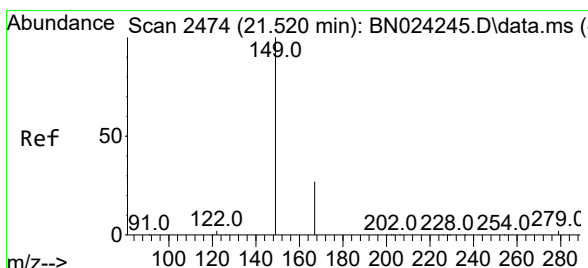
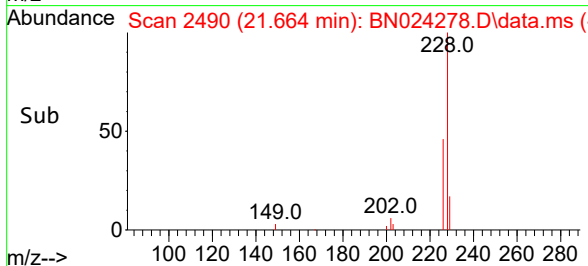
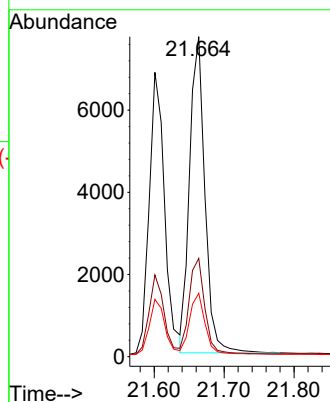
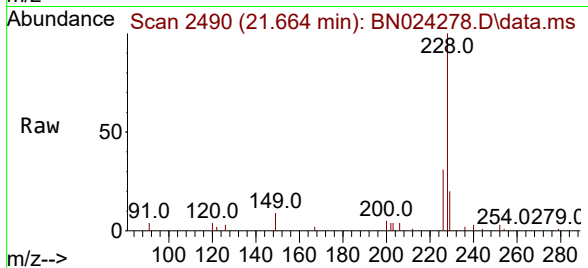
Tgt Ion:228 Resp: 11707

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.8 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.182 ng

RT: 21.520 min Scan# 2474

Delta R.T. 0.009 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

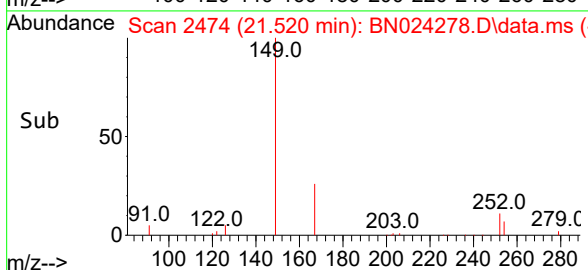
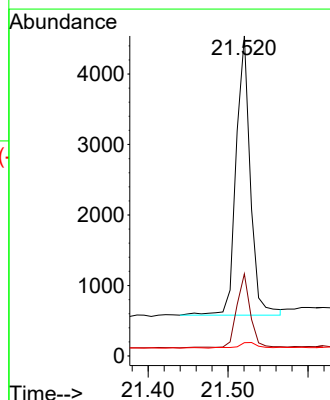
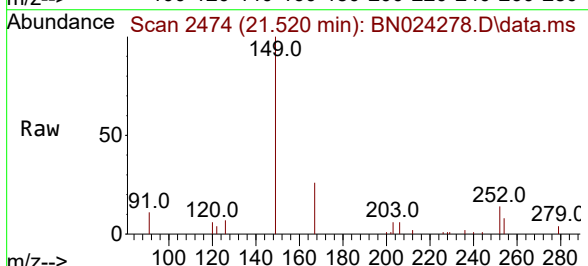
Tgt Ion:149 Resp: 4897

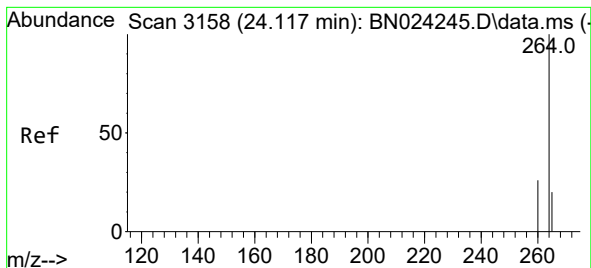
Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

279 2.7 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.147 min Scan# 31

Delta R.T. 0.018 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

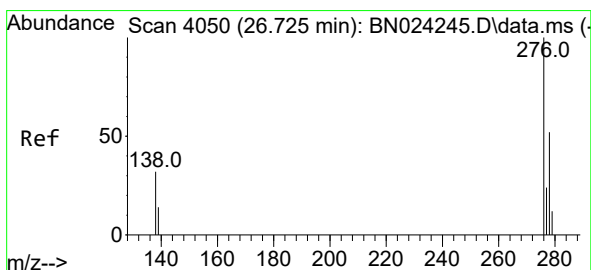
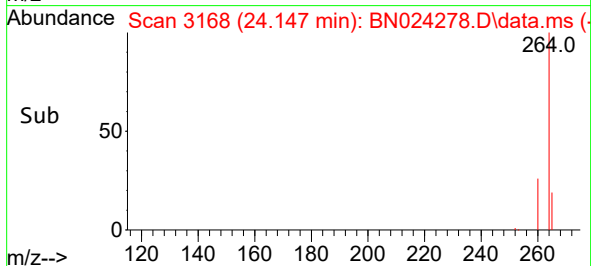
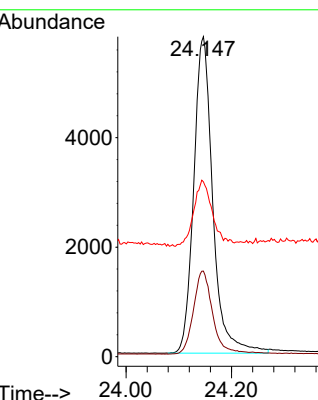
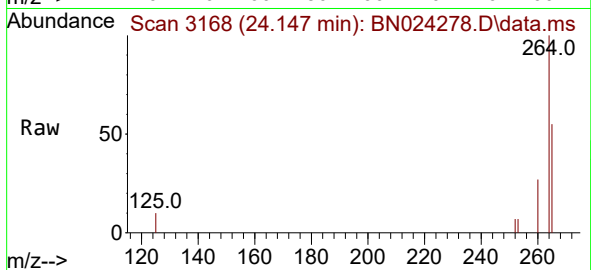
Tgt Ion:264 Resp: 14499

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.2

265 54.6 35.7 53.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.183 ng

RT: 26.781 min Scan# 4069

Delta R.T. 0.018 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

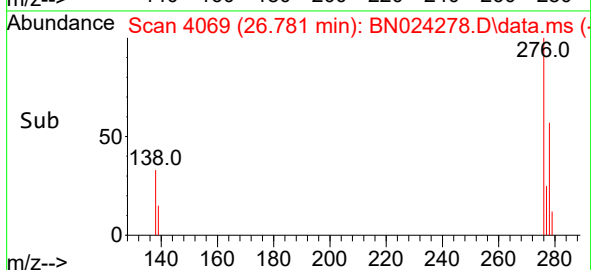
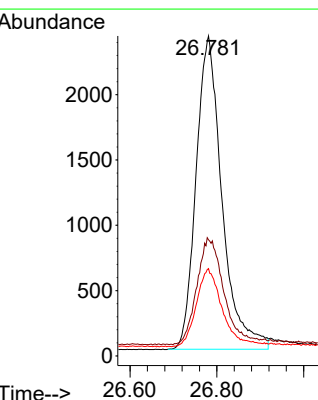
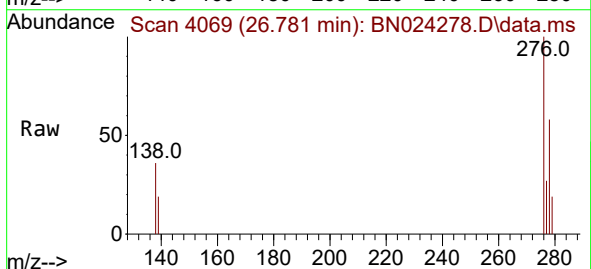
Tgt Ion:276 Resp: 9937

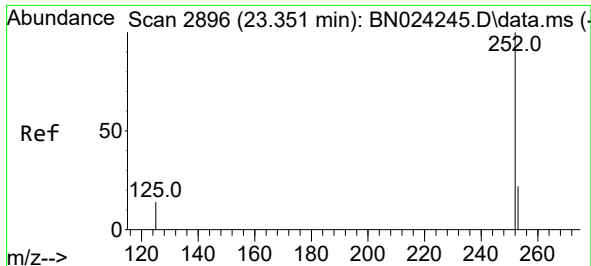
Ion Ratio Lower Upper

276 100

138 35.6 27.4 41.2

277 24.9 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.192 ng

RT: 23.372 min Scan# 2903

Delta R.T. 0.015 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BN024278.D

ClientSampleId :

LOQ-SOIL-02-QT1-2023

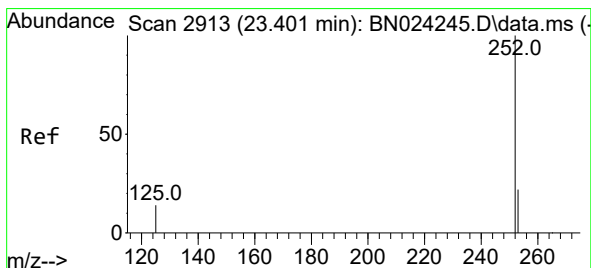
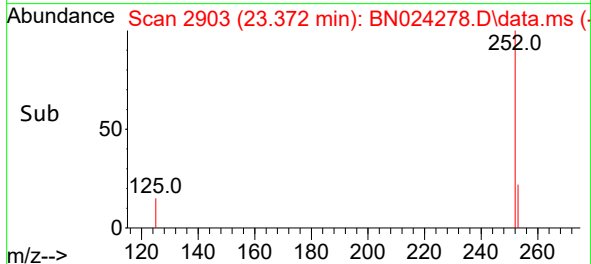
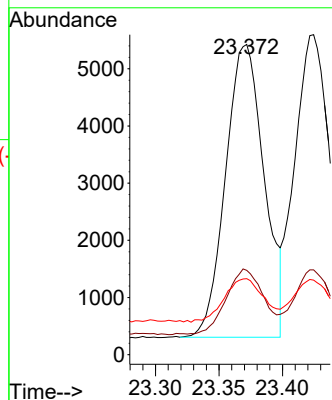
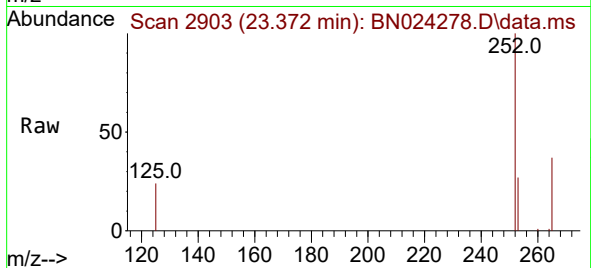
Tgt Ion:252 Resp: 10824

Ion Ratio Lower Upper

252 100

253 27.2 18.9 28.3

125 24.5 13.8 20.6#



#38

Benzo(k)fluoranthene

Concen: 0.181 ng

RT: 23.424 min Scan# 2921

Delta R.T. 0.015 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

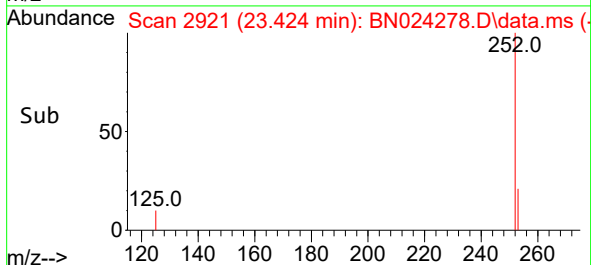
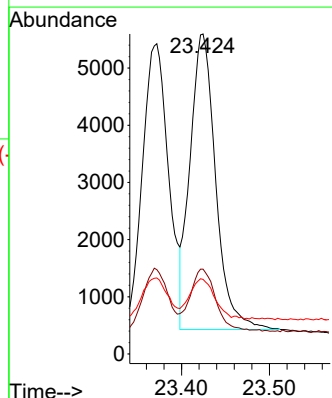
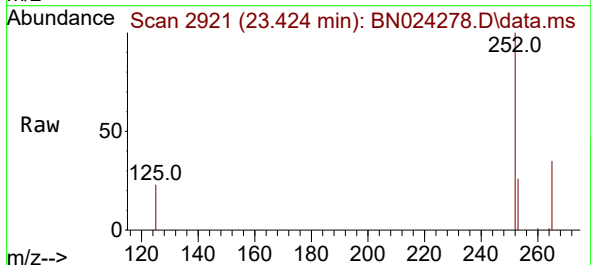
Tgt Ion:252 Resp: 10504

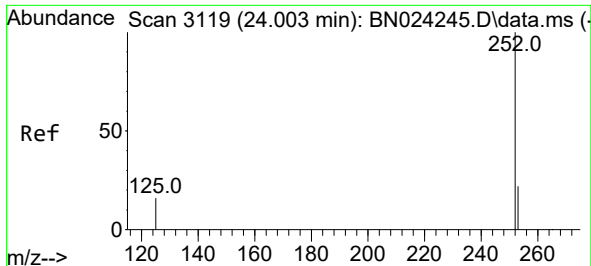
Ion Ratio Lower Upper

252 100

253 26.5 19.0 28.6

125 23.3 13.5 20.3#





#39

Benzo(a)pyrene

Concen: 0.163 ng

RT: 24.024 min Scan# 3119

Delta R.T. 0.009 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

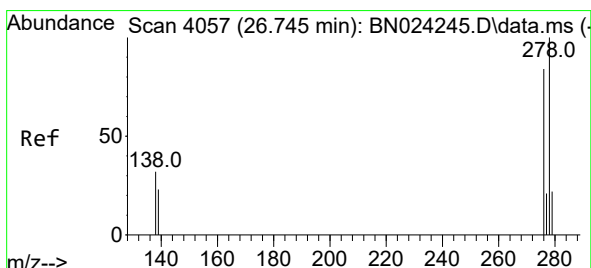
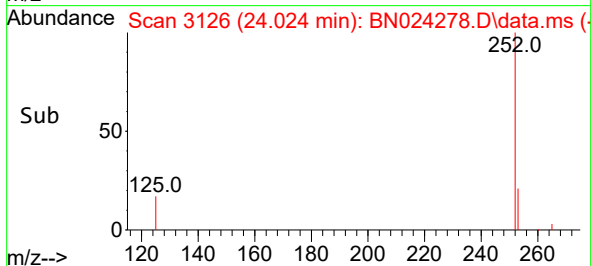
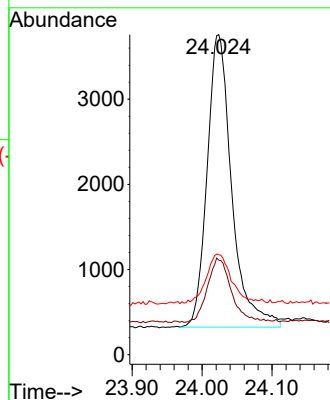
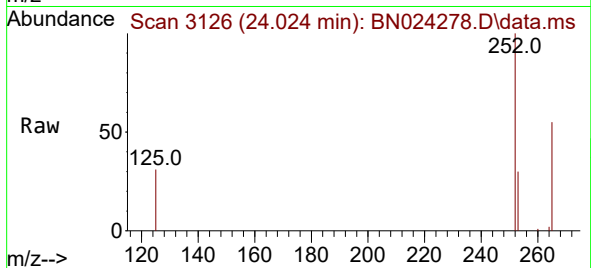
Tgt Ion:252 Resp: 8418

Ion Ratio Lower Upper

252 100

253 29.5 19.5 29.3#

125 31.2 16.2 24.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.173 ng

RT: 26.798 min Scan# 4075

Delta R.T. 0.012 min

Lab File: BN024278.D

Acq: 14 Mar 2023 13:24

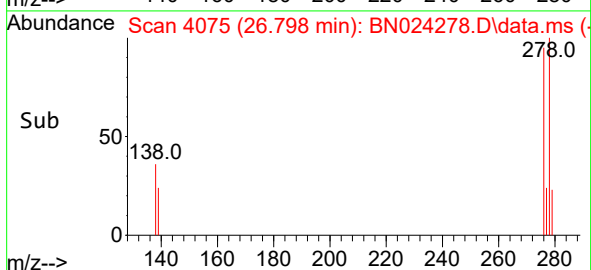
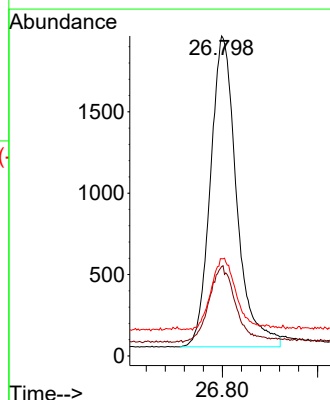
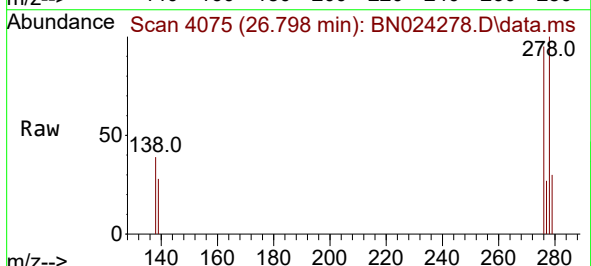
Tgt Ion:278 Resp: 7290

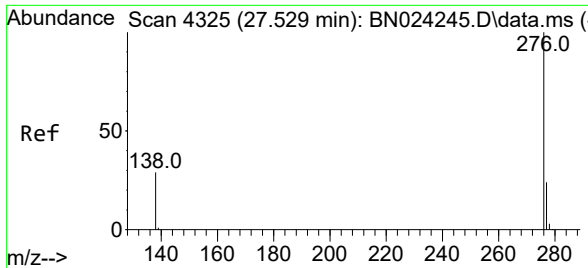
Ion Ratio Lower Upper

278 100

139 28.0 19.4 29.0

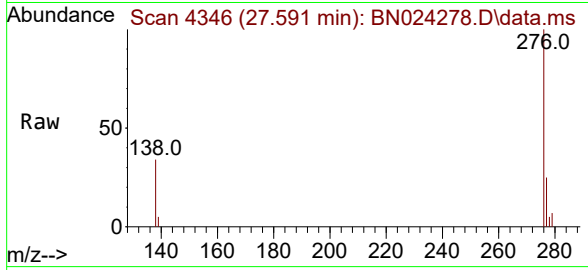
279 30.4 20.7 31.1





#41
Benzo(g,h,i)perylene
Concen: 0.196 ng
RT: 27.591 min Scan# 41
Delta R.T. 0.015 min
Lab File: BN024278.D
Acq: 14 Mar 2023 13:24

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion:	276	Resp:	9629
Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.9	29.9
138	34.3	24.5	36.7

