

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024282.D
 Acq On : 14 Mar 2023 16:04
 Operator : CG/JU
 Sample : 01627-01
 Misc : LOD-MDL-SOIL 0.2ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 15 01:55:32 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)

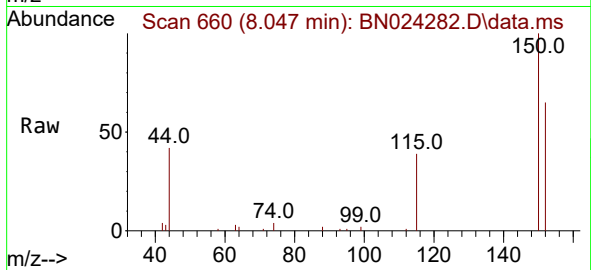
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8181	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	23329	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	11477	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	22990	0.400	ng	0.00
29) Chrysene-d12	21.619	240	17518	0.400	ng	0.00
35) Perylene-d12	24.114	264	15324	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	7252	0.400	ng	0.00
5) Phenol-d6	7.195	99	9339	0.401	ng	0.00
8) Nitrobenzene-d5	9.211	82	6150	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	13348	0.465	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1821	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	16592	0.383	ng	0.00
27) Fluoranthene-d10	19.450	212	23157	0.475	ng	0.00
31) Terphenyl-d14	20.042	244	11193	0.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	2030	0.228	ng	98
3) n-Nitrosodimethylamine	3.764	42	2815	0.216	ng	# 96
6) bis(2-Chloroethyl)ether	7.462	93	4895	0.212	ng	97
9) Naphthalene	10.909	128	12105	0.204	ng	99
10) Hexachlorobutadiene	11.197	225	2375	0.211	ng	# 99
12) 2-Methylnaphthalene	12.516	142	7401	0.185	ng	99
16) Acenaphthylene	14.397	152	10044	0.185	ng	100
17) Acenaphthene	14.739	154	6565	0.189	ng	96
18) Fluorene	15.725	166	7589	0.183	ng	100
20) 4,6-Dinitro-2-methylph...	15.787	198	334	0.256	ng	# 46
21) 4-Bromophenyl-phenylether	16.606	248	2367	0.173	ng	# 70
22) Hexachlorobenzene	16.730	284	3428	0.204	ng	98
23) Atrazine	16.867	200	1567	0.181	ng	# 89
24) Pentachlorophenol	17.065	266	842	0.211	ng	99
25) Phenanthrene	17.462	178	13225	0.194	ng	100
26) Anthracene	17.549	178	11170	0.178	ng	100
28) Fluoranthene	19.480	202	13787	0.185	ng	99
30) Pyrene	19.842	202	13840	0.195	ng	100
32) Benzo(a)anthracene	21.601	228	10767	0.184	ng	100
33) Chrysene	21.655	228	12131	0.194	ng	100
34) Bis(2-ethylhexyl)phtha...	21.511	149	4850	0.176	ng	100
36) Indeno(1,2,3-cd)pyrene	26.719	276	10414	0.182	ng	98
37) Benzo(b)fluoranthene	23.348	252	11512	0.193	ng	# 90
38) Benzo(k)fluoranthene	23.398	252	10934	0.178	ng	# 91
39) Benzo(a)pyrene	24.000	252	9066	0.166	ng	# 80
40) Dibenzo(a,h)anthracene	26.743	278	7603	0.171	ng	92
41) Benzo(g,h,i)perylene	27.529	276	9822	0.189	ng	96

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

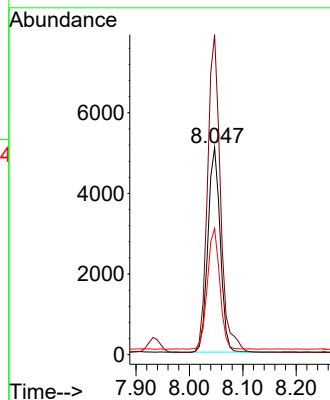
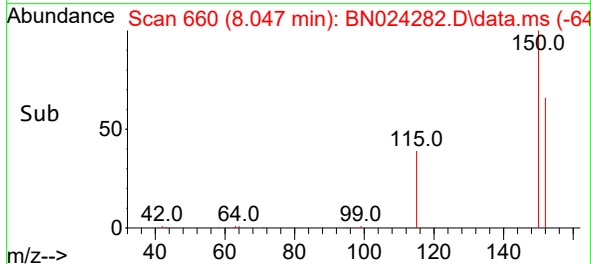


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

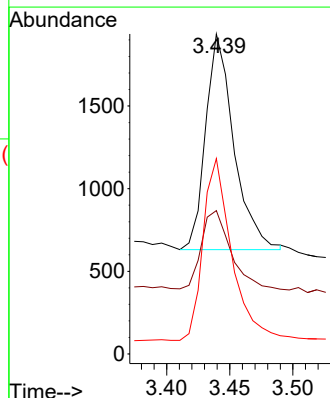
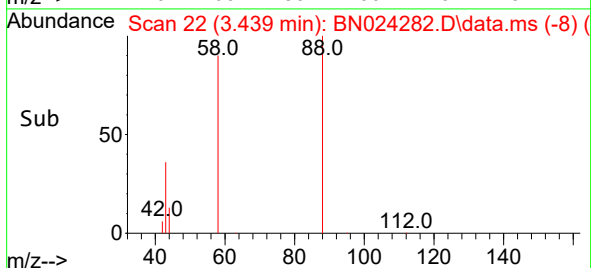
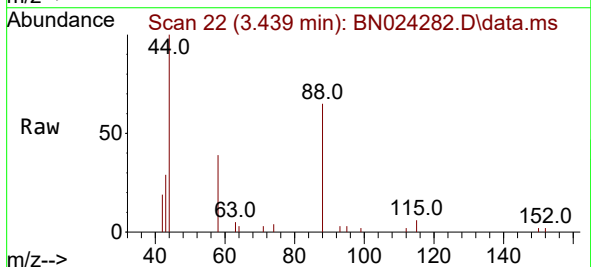


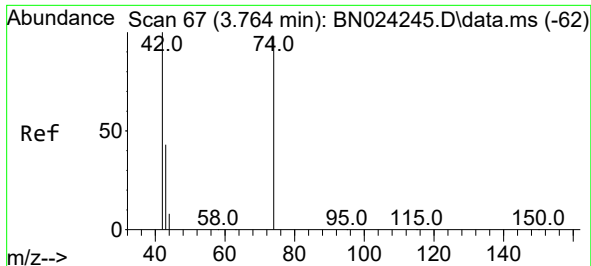
Tgt Ion:152 Resp: 8181
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.7 187.1
 115 60.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.228 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

Tgt Ion: 88 Resp: 2030
 Ion Ratio Lower Upper
 88 100
 43 37.7 29.0 43.4
 58 86.3 67.3 100.9

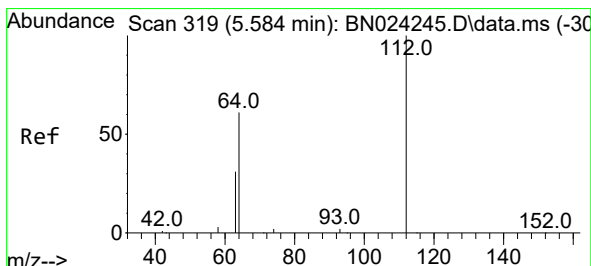
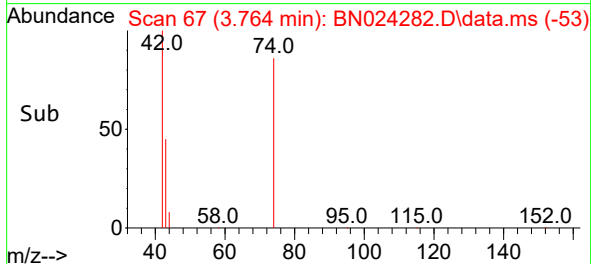
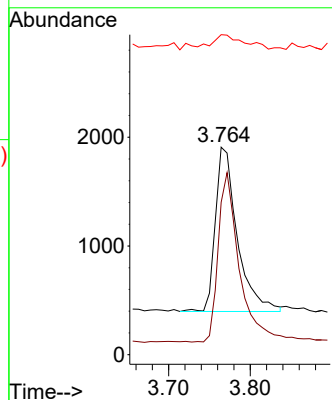
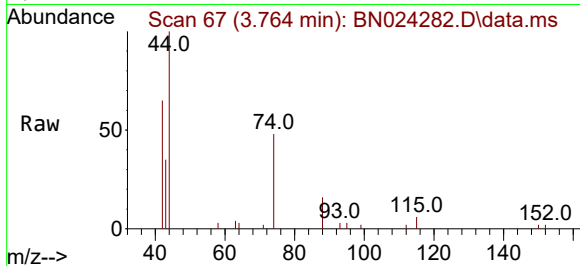




#3
n-Nitrosodimethylamine
Concen: 0.216 ng
RT: 3.764 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

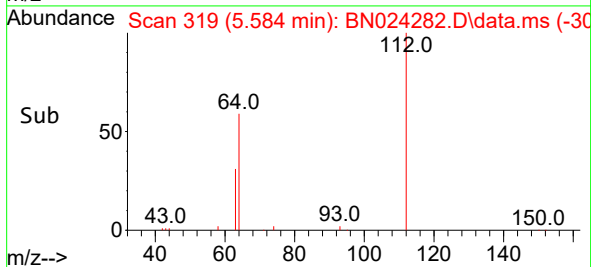
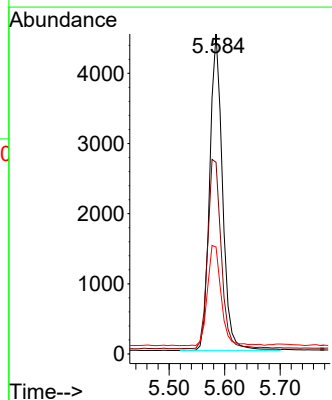
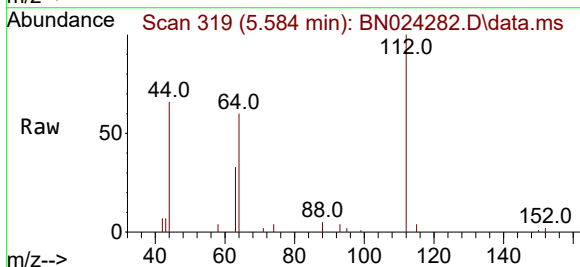
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 42 Resp: 2815
Ion Ratio Lower Upper
42 100
74 98.3 81.6 122.4
44 11.0 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion: 112 Resp: 7252
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 33.9 25.7 38.5

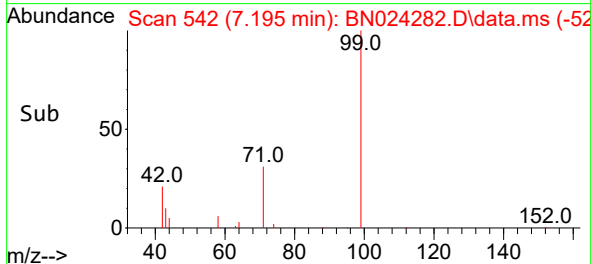
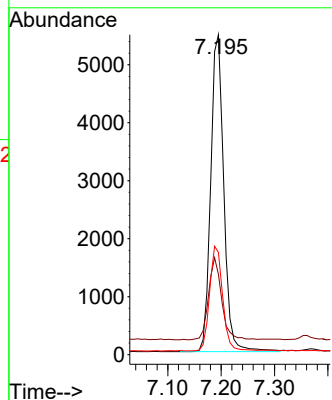
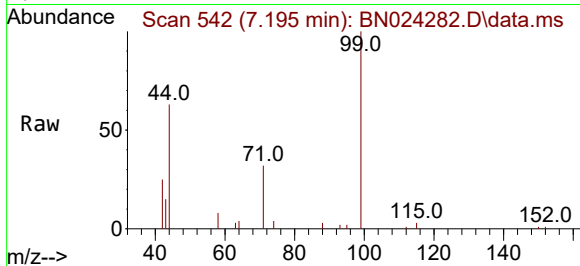




#5
Phenol-d6
Concen: 0.401 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

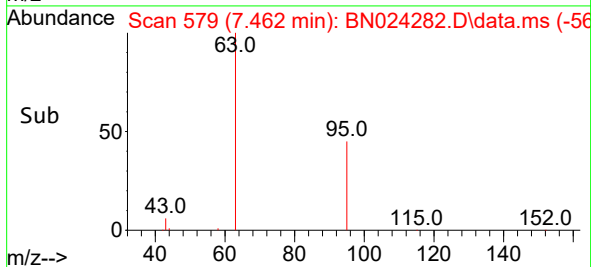
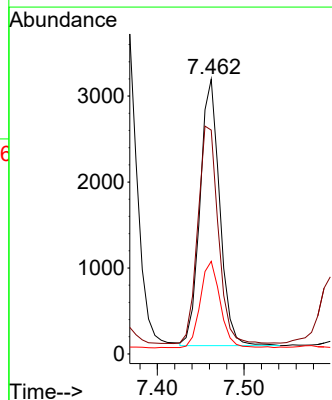
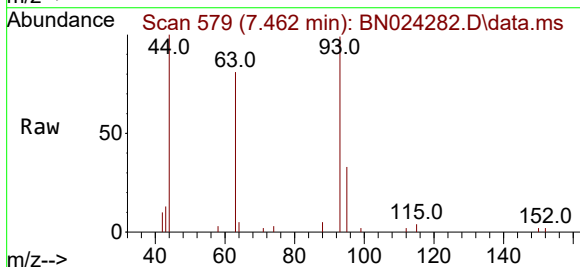
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 99 Resp: 9339
Ion Ratio Lower Upper
99 100
42 26.0 20.1 30.1
71 33.0 25.8 38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.212 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion: 93 Resp: 4895
Ion Ratio Lower Upper
93 100
63 84.7 65.4 98.2
95 33.0 25.8 38.8

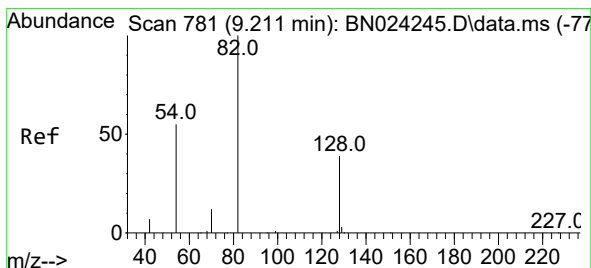
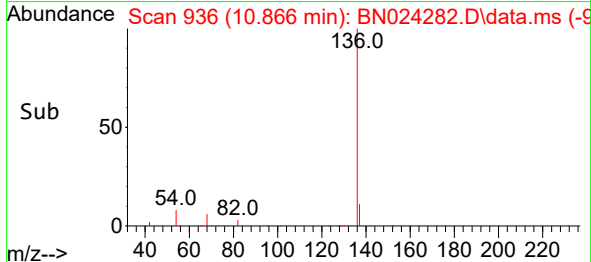
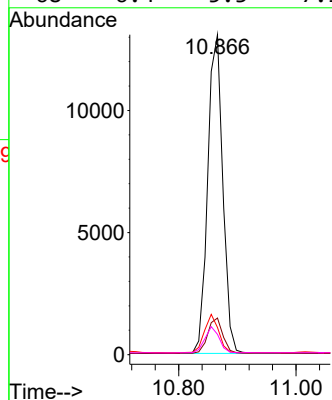
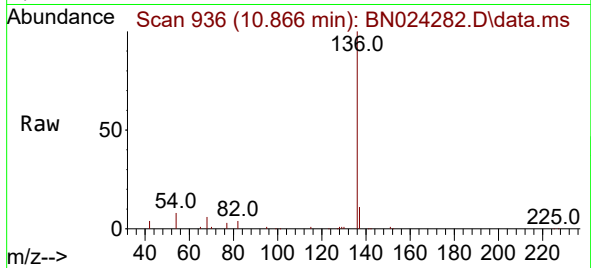




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

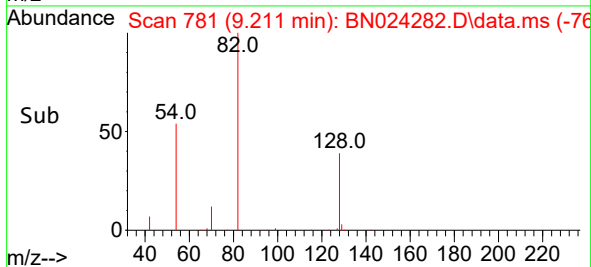
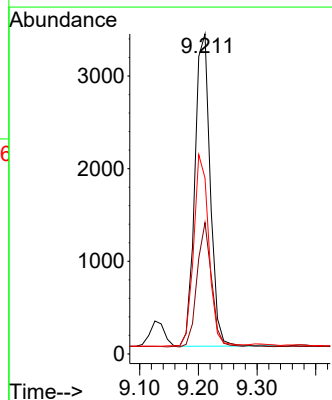
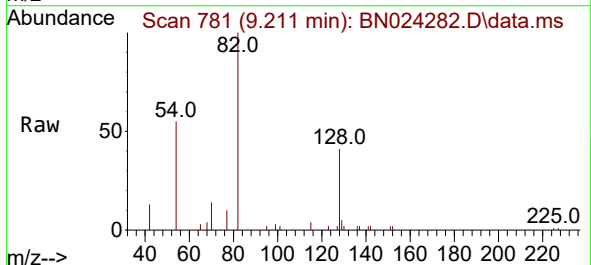
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

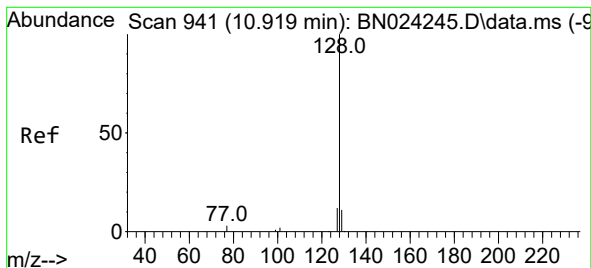
Tgt Ion:	136	Resp:	23329
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	7.1	10.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:	82	Resp:	6150
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.4	48.6
54	55.0	45.2	67.8





#9

Naphthalene

Concen: 0.204 ng

RT: 10.909 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

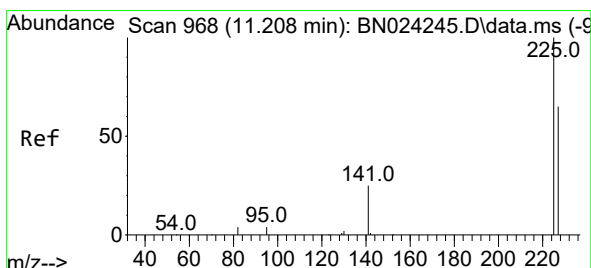
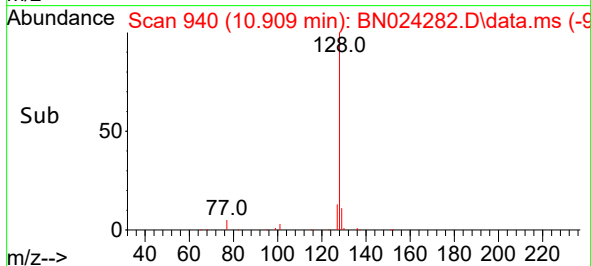
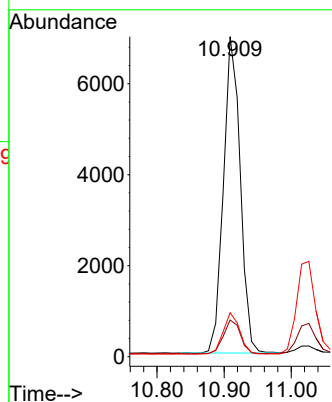
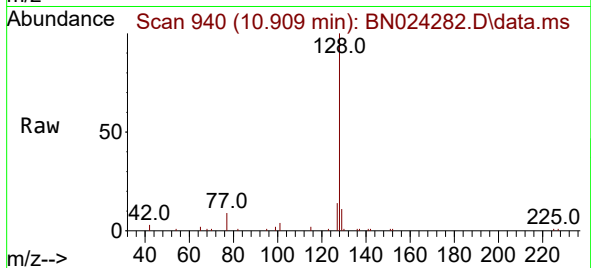
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:	128	Resp:	12105
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.7	10.2	15.4



#10

Hexachlorobutadiene

Concen: 0.211 ng

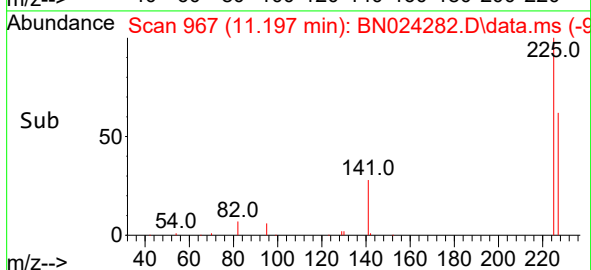
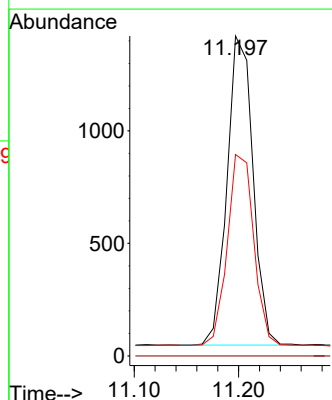
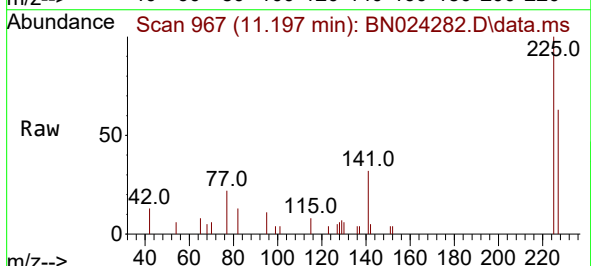
RT: 11.197 min Scan# 967

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Tgt Ion:	225	Resp:	2375
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.8	51.0	76.4

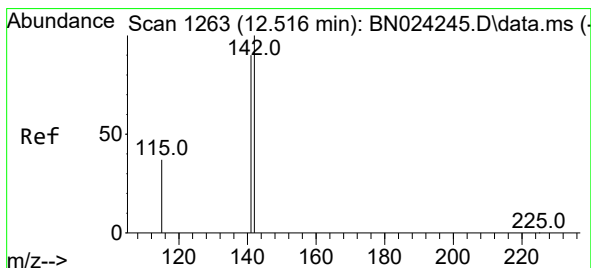
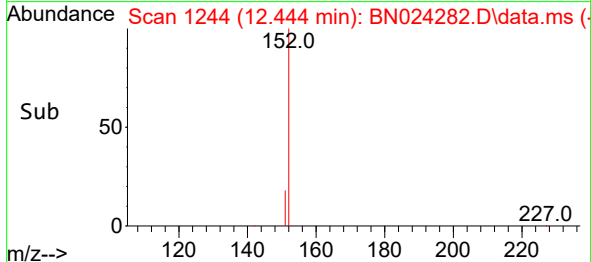
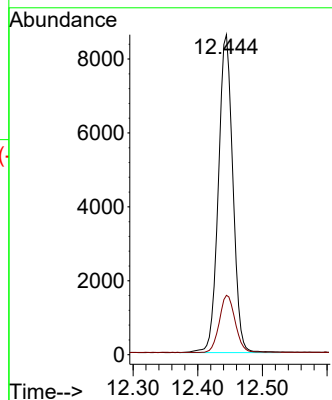
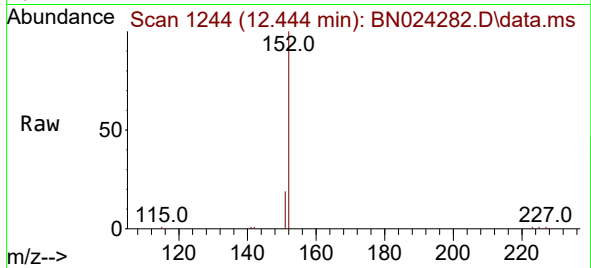




#11
2-Methylnaphthalene-d10
Concen: 0.465 ng
RT: 12.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

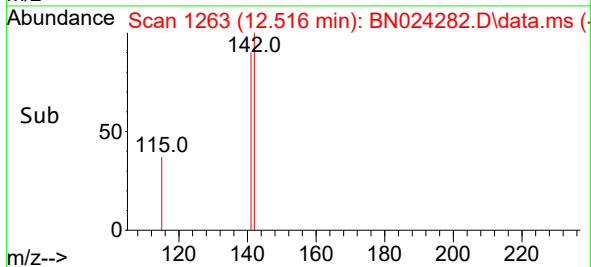
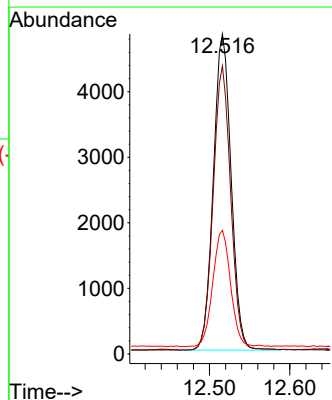
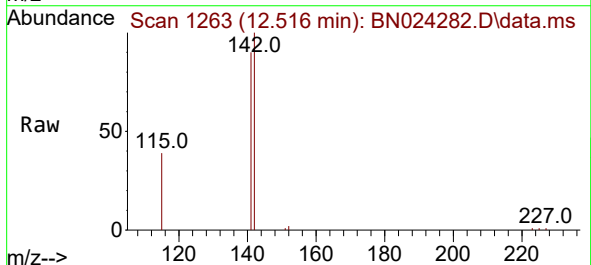
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

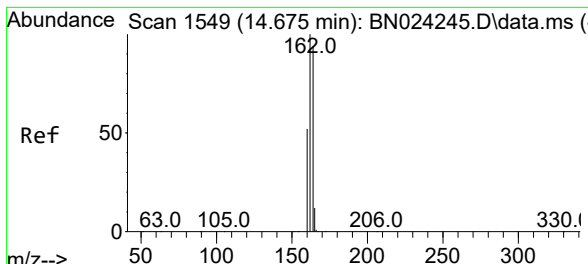
Tgt Ion:152 Resp: 13348
Ion Ratio Lower Upper
152 100
151 19.7 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.185 ng
RT: 12.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:142 Resp: 7401
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6
115 38.7 30.0 45.0

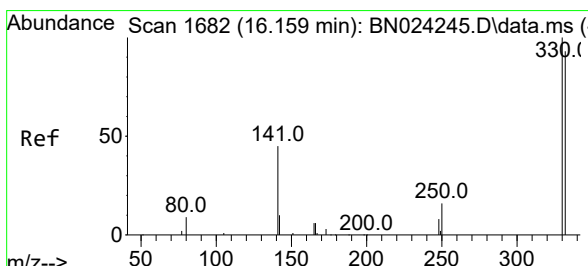
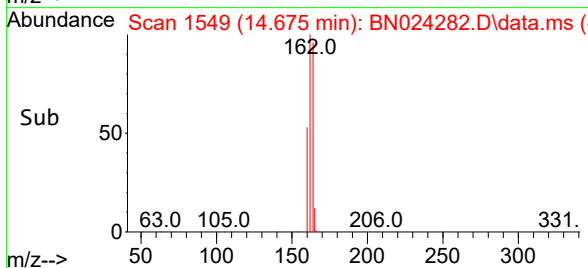
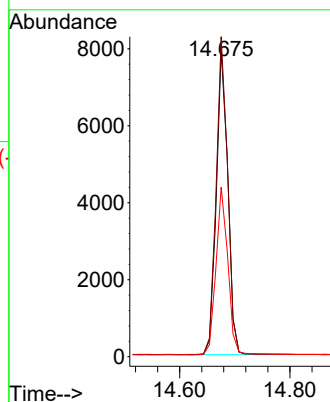
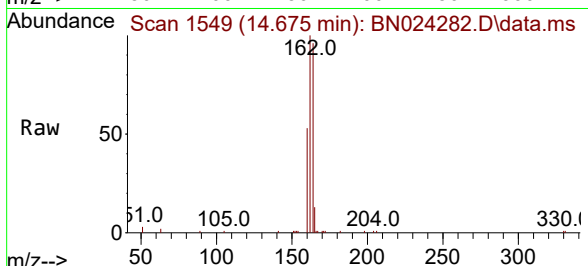




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

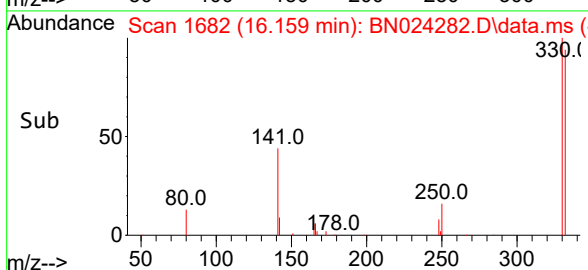
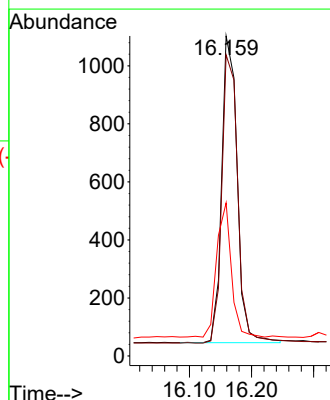
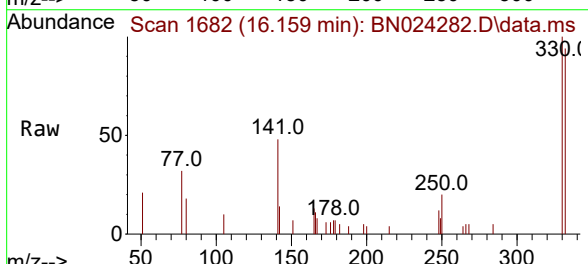
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

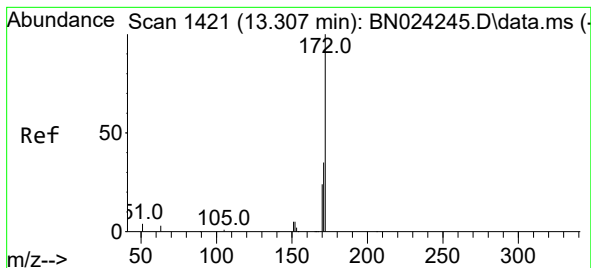
Tgt Ion:	164	Resp:	11477
Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.7	127.1
160	55.3	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

Tgt Ion:	330	Resp:	1821
Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.0	117.0
141	41.6	30.8	46.2





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

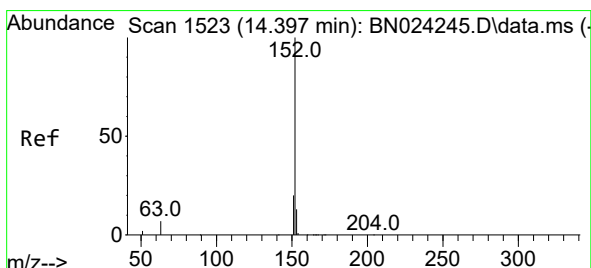
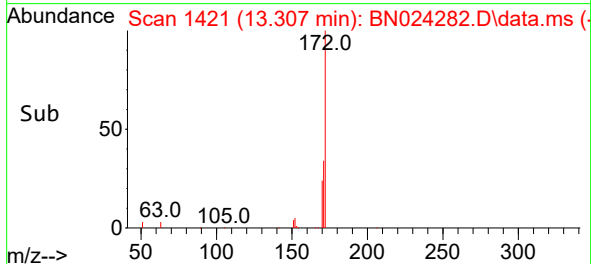
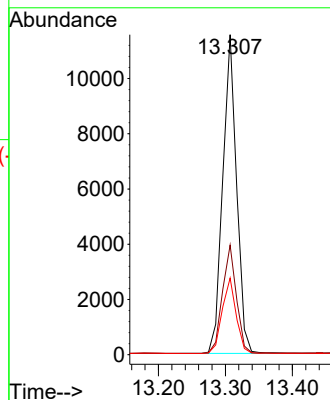
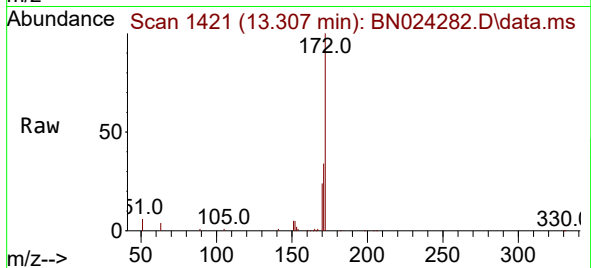
Tgt Ion:172 Resp: 16592

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

170 24.0 19.0 28.6



#16

Acenaphthylene

Concen: 0.185 ng

RT: 14.397 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

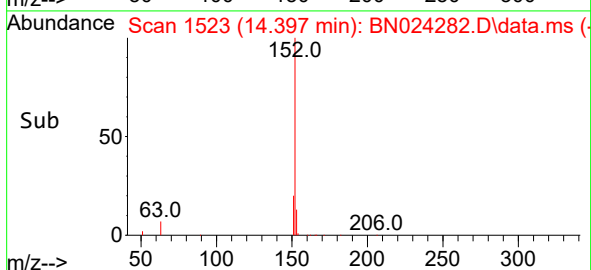
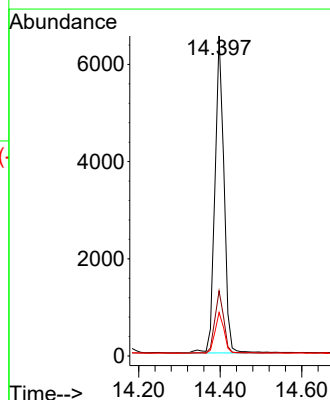
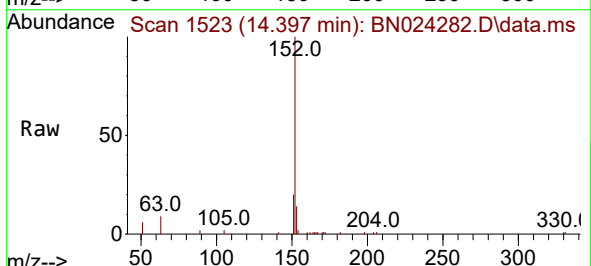
Tgt Ion:152 Resp: 10044

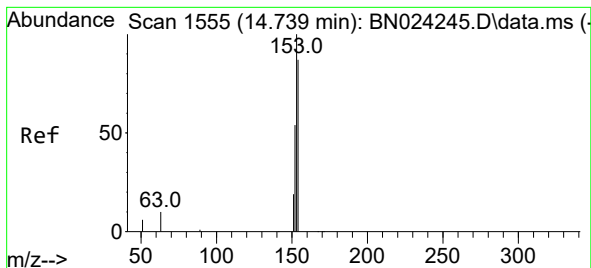
Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0

153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.189 ng

RT: 14.739 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

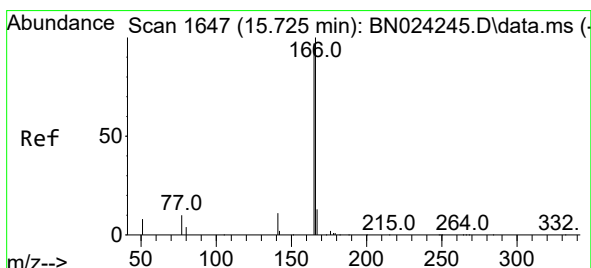
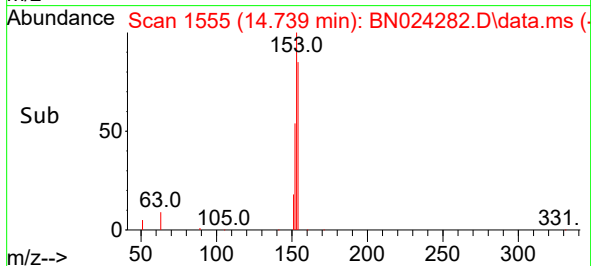
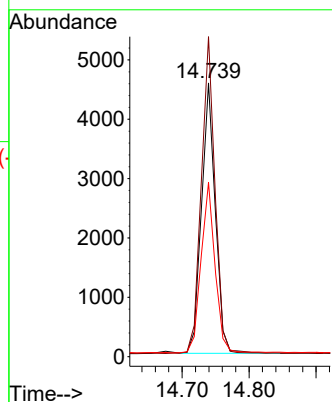
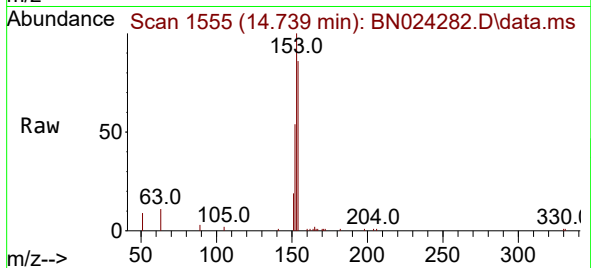
Tgt Ion:154 Resp: 6565

Ion Ratio Lower Upper

154 100

153 115.4 88.4 132.6

152 63.8 48.7 73.1



#18

Fluorene

Concen: 0.183 ng

RT: 15.725 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

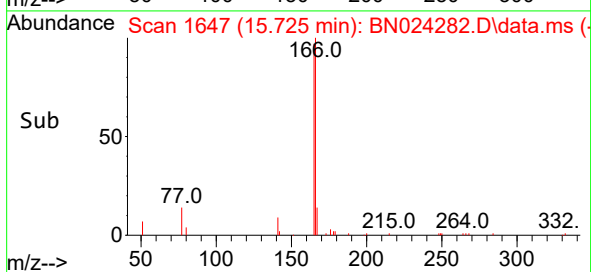
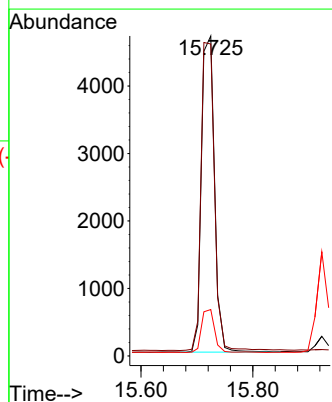
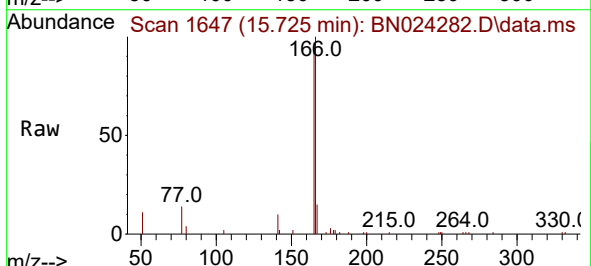
Tgt Ion:166 Resp: 7589

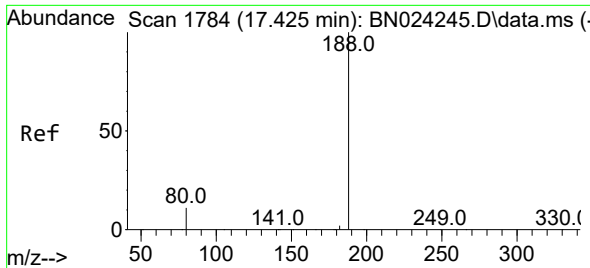
Ion Ratio Lower Upper

166 100

165 100.3 80.2 120.2

167 13.3 10.8 16.2

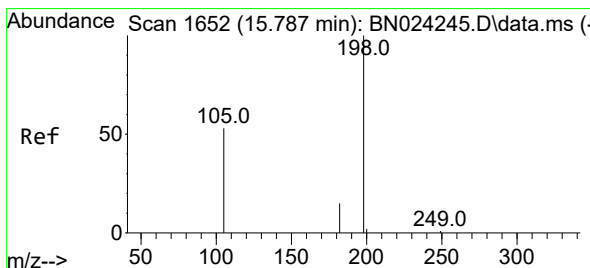
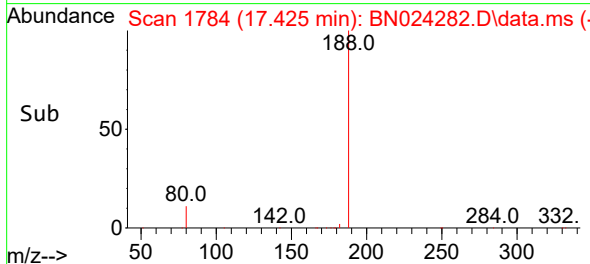
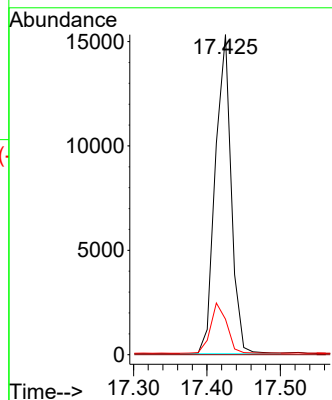
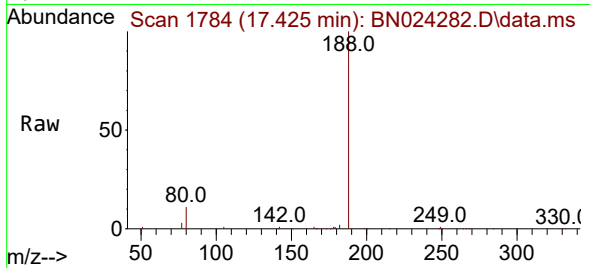




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

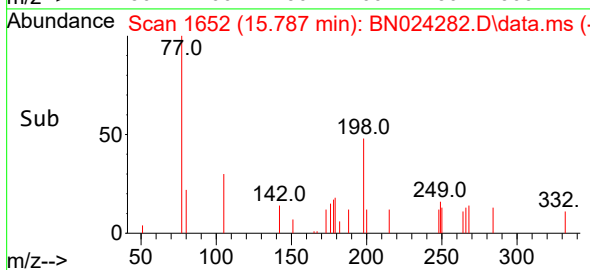
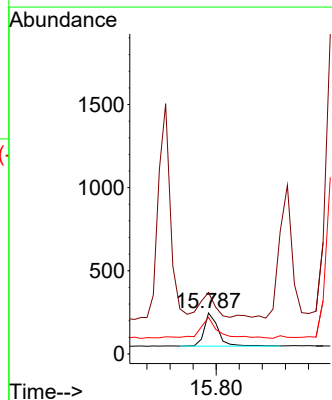
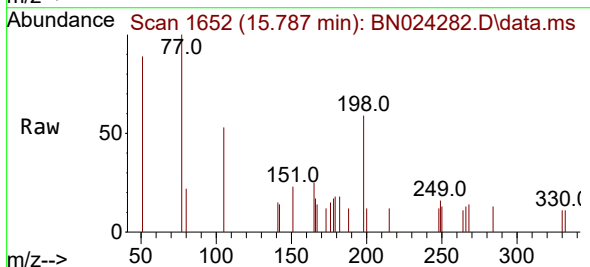
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

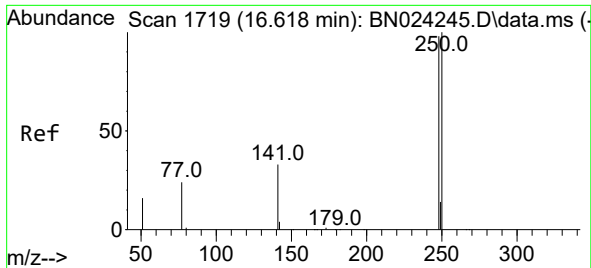
Tgt Ion:188 Resp: 22990
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.256 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 150.0 68.2 102.2#
105 89.4 51.6 77.4#

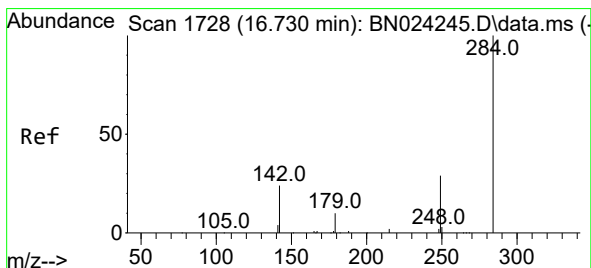
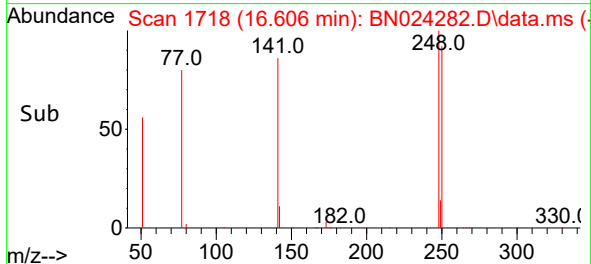
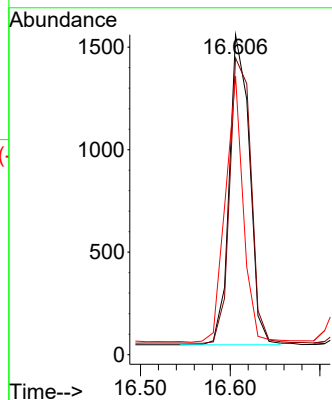
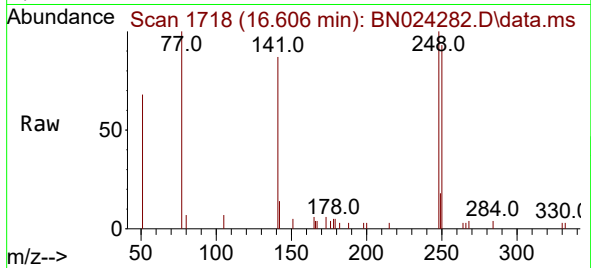




#21
4-Bromophenyl-phenylether
Concen: 0.173 ng
RT: 16.606 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

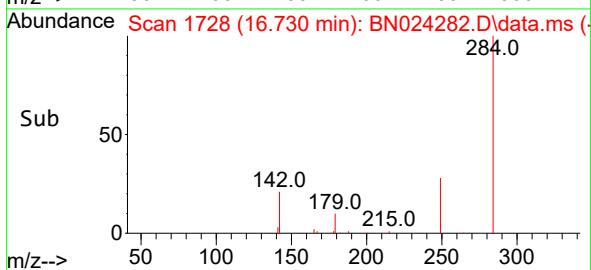
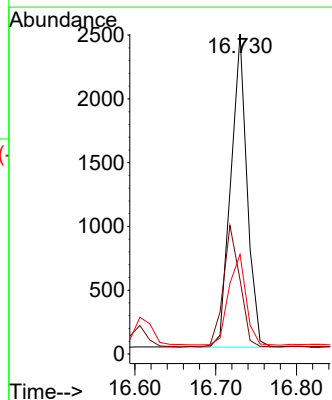
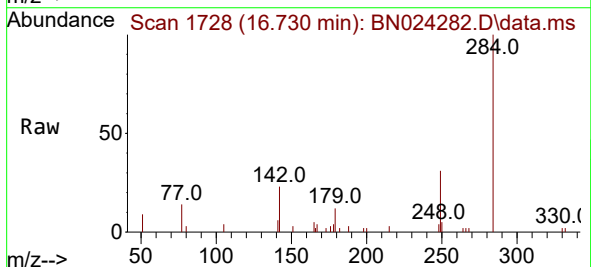
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:248 Resp: 2367
Ion Ratio Lower Upper
248 100
250 92.7 81.9 122.9
141 87.1 28.2 42.2#



#22
Hexachlorobenzene
Concen: 0.204 ng
RT: 16.730 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:284 Resp: 3428
Ion Ratio Lower Upper
284 100
142 39.8 30.2 45.4
249 31.0 24.5 36.7





#23

Atrazine

Concen: 0.181 ng

RT: 16.867 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

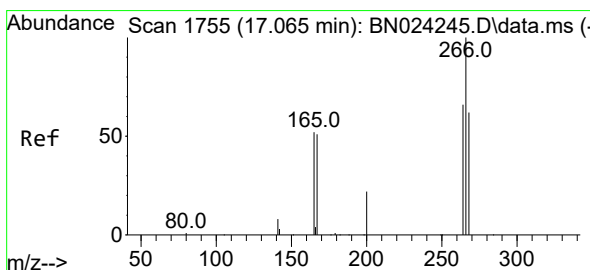
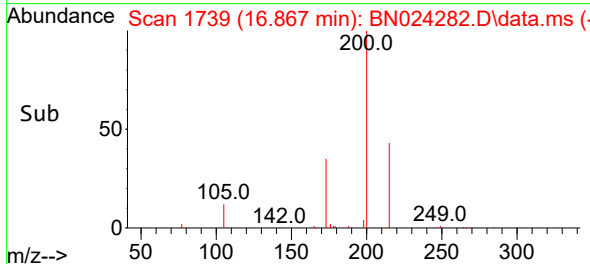
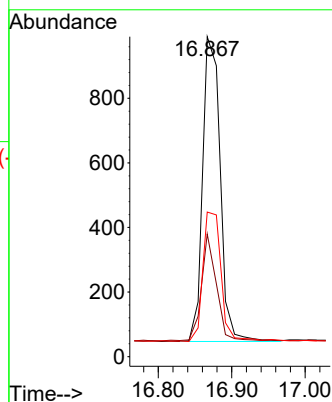
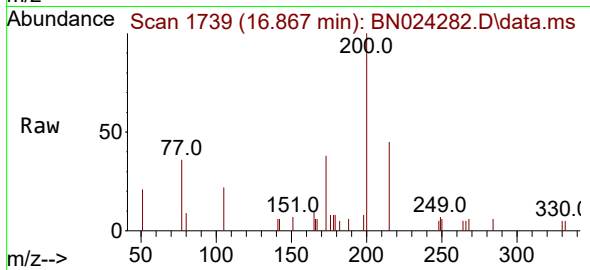
Tgt Ion:200 Resp: 1567

Ion Ratio Lower Upper

200 100

173 38.3 18.9 28.3#

215 45.2 36.7 55.1



#24

Pentachlorophenol

Concen: 0.211 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

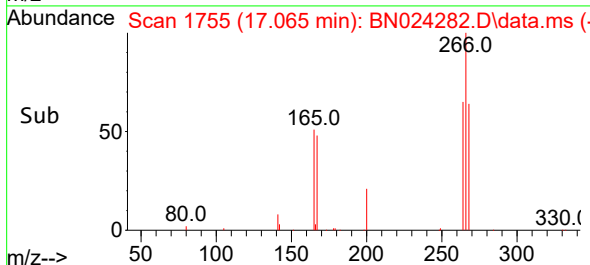
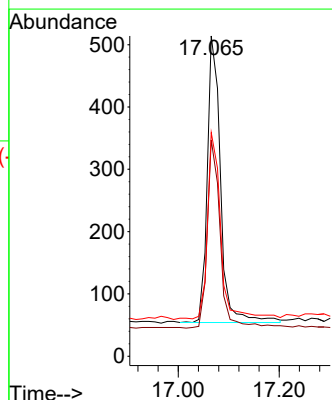
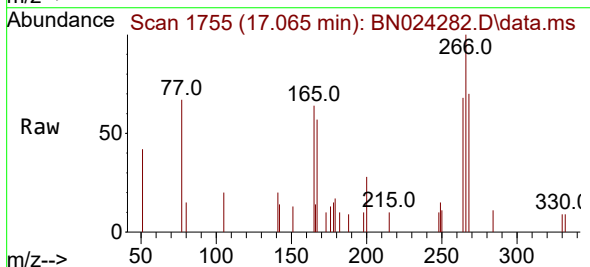
Tgt Ion:266 Resp: 842

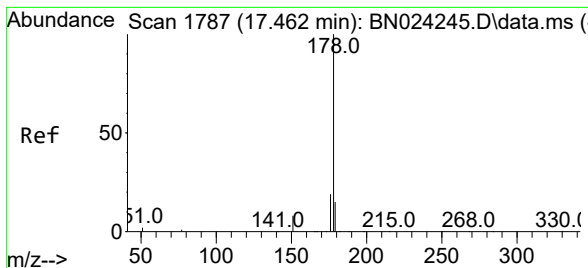
Ion Ratio Lower Upper

266 100

264 64.5 51.1 76.7

268 66.2 52.2 78.4





#25

Phenanthrene

Concen: 0.194 ng

RT: 17.462 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

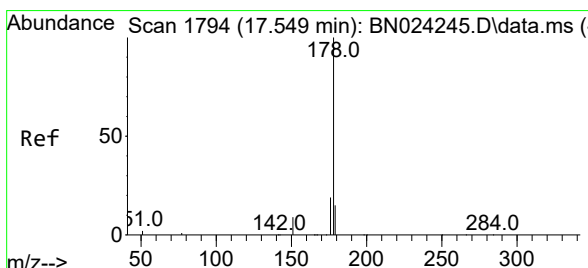
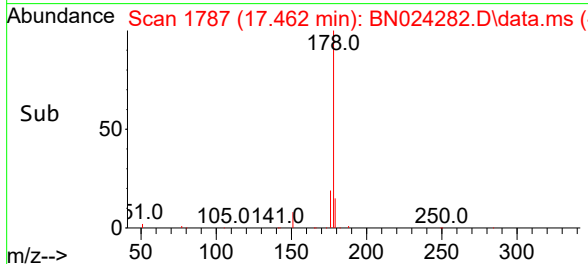
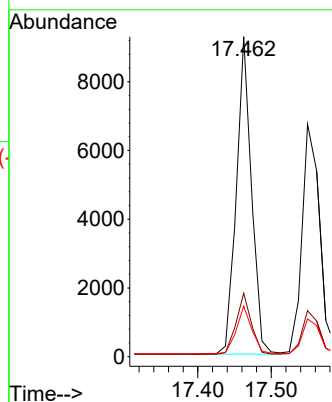
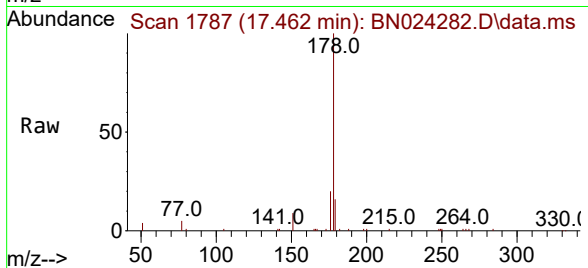
Tgt Ion:178 Resp: 13225

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.4 12.2 18.2



#26

Anthracene

Concen: 0.178 ng

RT: 17.549 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

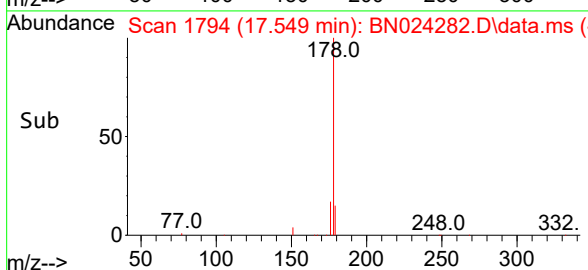
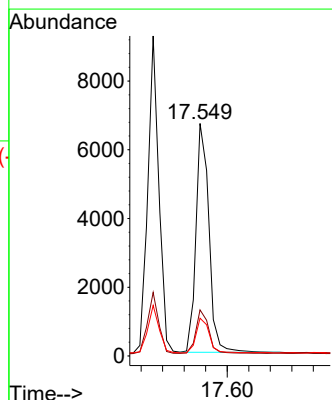
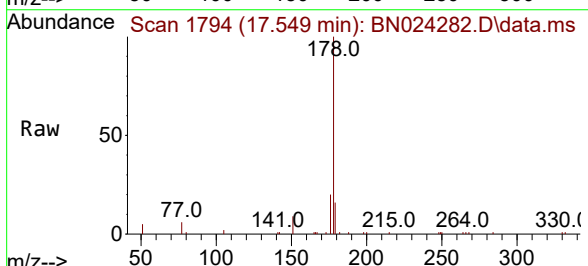
Tgt Ion:178 Resp: 11170

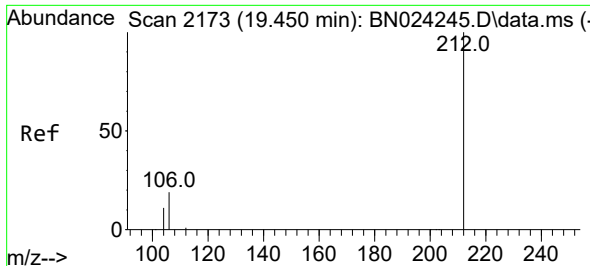
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.2 12.1 18.1

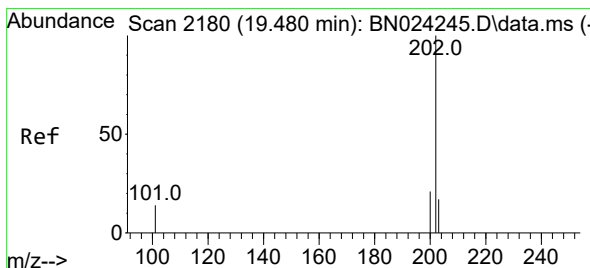
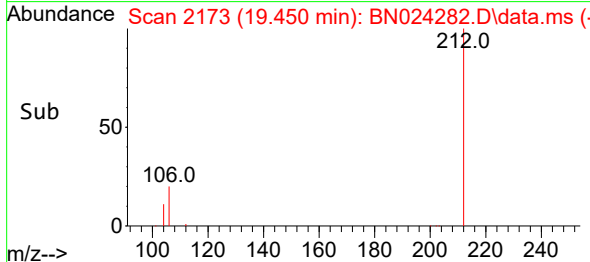
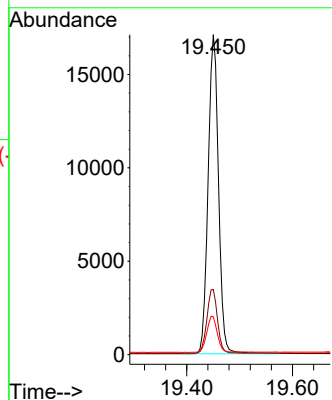
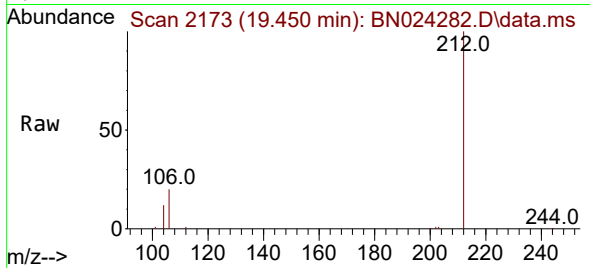




#27
Fluoranthene-d10
Concen: 0.475 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

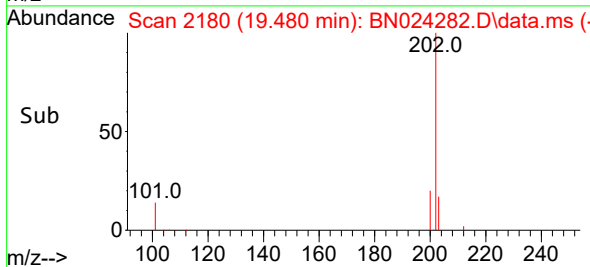
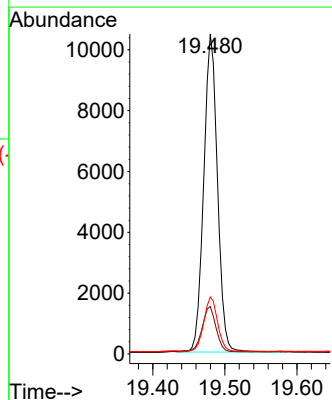
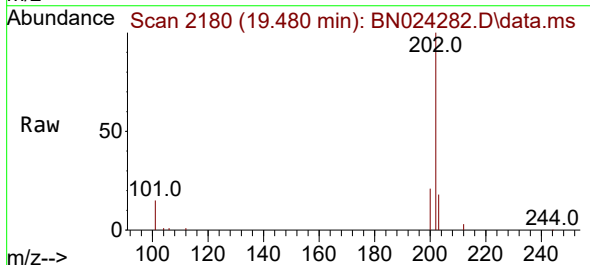
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:212 Resp: 23157
Ion Ratio Lower Upper
212 100
106 20.4 15.4 23.2
104 11.5 8.6 13.0



#28
Fluoranthene
Concen: 0.185 ng
RT: 19.480 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:202 Resp: 13787
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
203 17.0 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: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

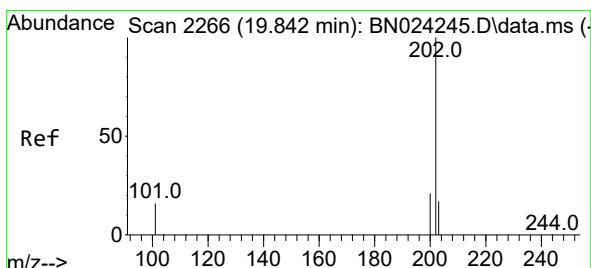
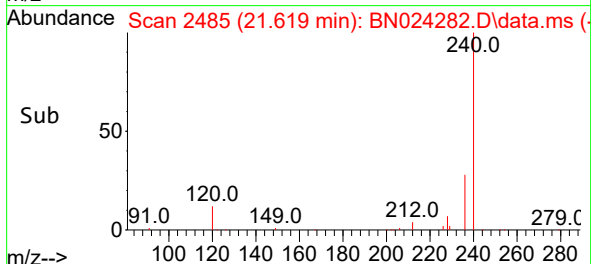
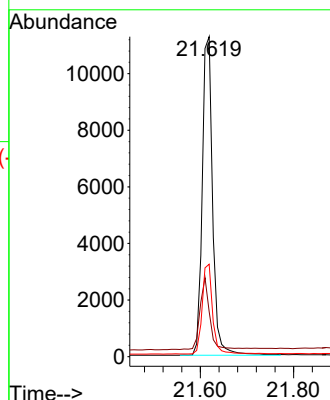
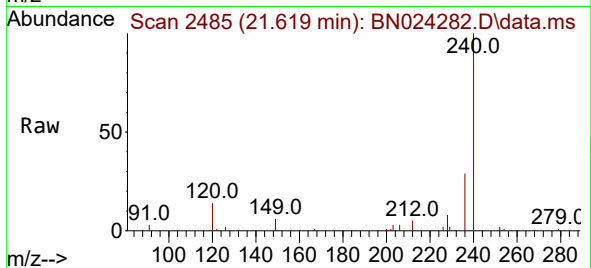
Tgt Ion:240 Resp: 17518

Ion Ratio Lower Upper

240 100

120 14.1 12.8 19.2

236 28.9 22.5 33.7



#30

Pyrene

Concen: 0.195 ng

RT: 19.842 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

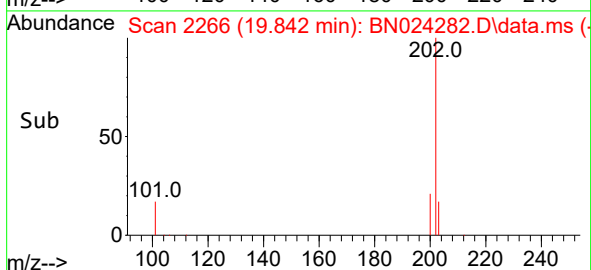
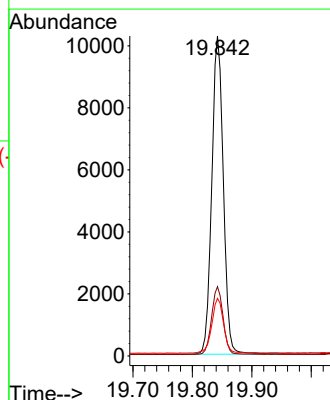
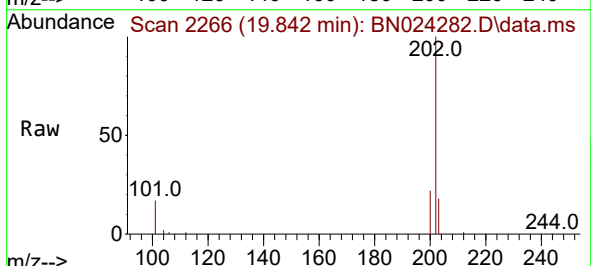
Tgt Ion:202 Resp: 13840

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.4 14.2 21.2





#31

Terphenyl-d14

Concen: 0.379 ng

RT: 20.042 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

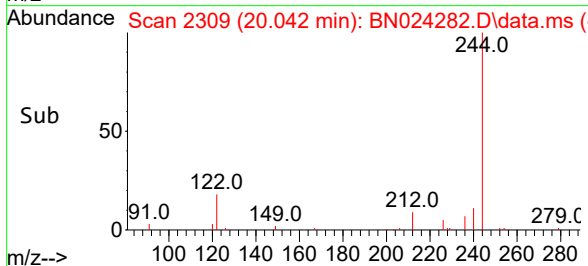
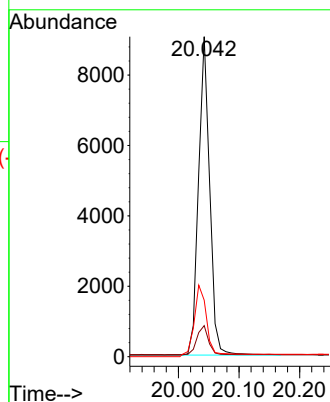
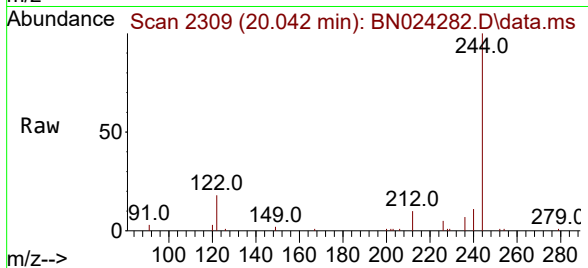
Tgt Ion:244 Resp: 11193

Ion Ratio Lower Upper

244 100

212 9.7 7.6 11.4

122 17.7 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: BN024282.D

Acq: 14 Mar 2023 16:04

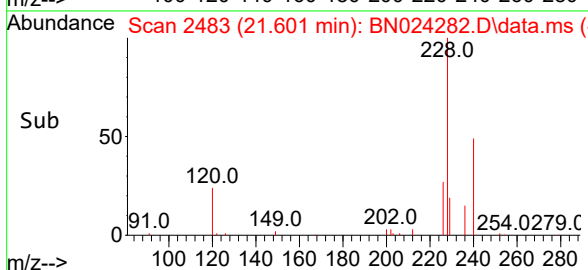
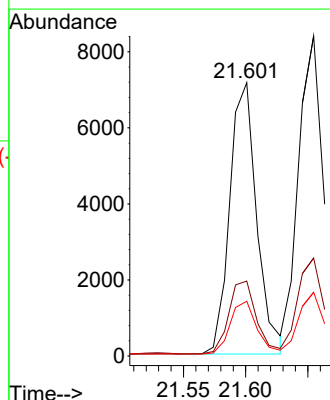
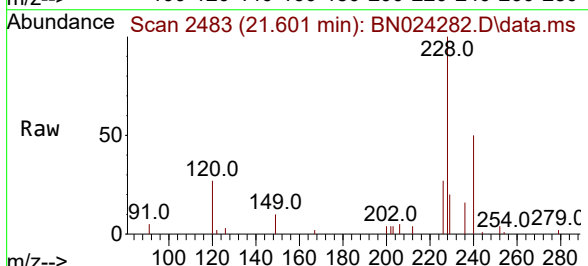
Tgt Ion:228 Resp: 10767

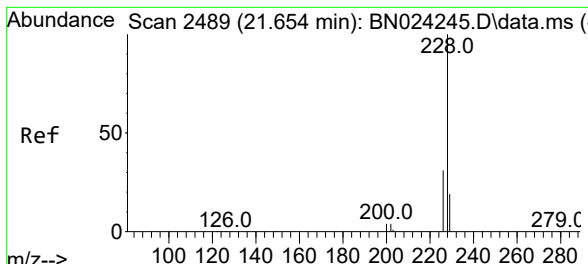
Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

229 20.0 15.9 23.9

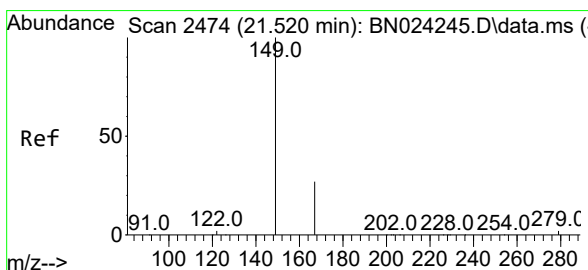
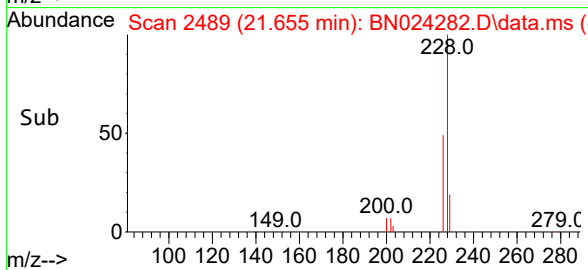
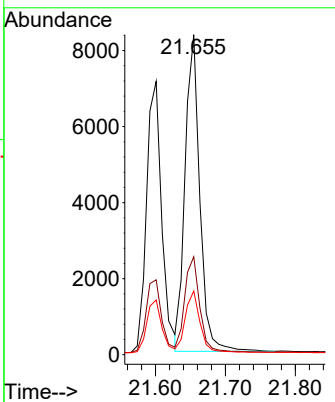
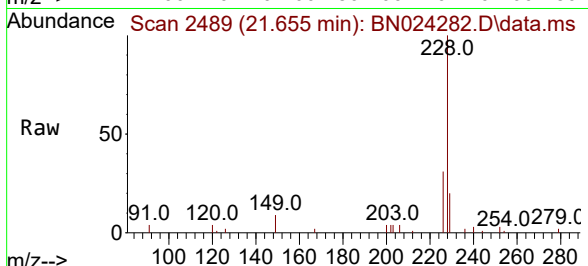




#33
 Chrysene
 Concen: 0.194 ng
 RT: 21.655 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

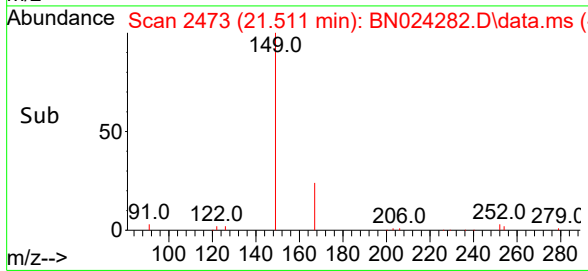
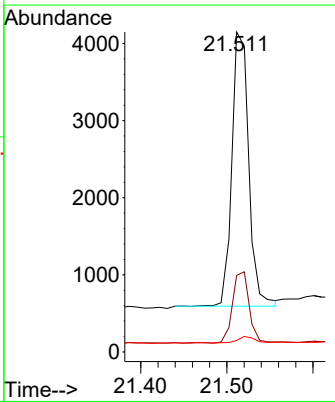
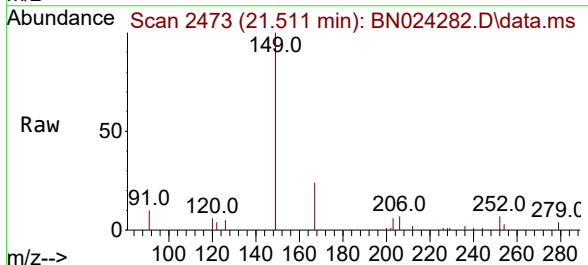
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:228	Resp:	12131
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.5 36.7
229	19.9	15.5 23.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.176 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BN024282.D
 Acq: 14 Mar 2023 16:04

Tgt Ion:149	Resp:	4850
Ion Ratio	Lower	Upper
149	100	
167	26.5	21.2 31.8
279	2.6	1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.114 min Scan# 3158

Delta R.T. -0.014 min

Lab File: BN024282.D

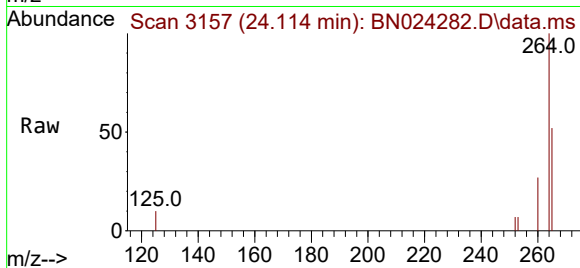
Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



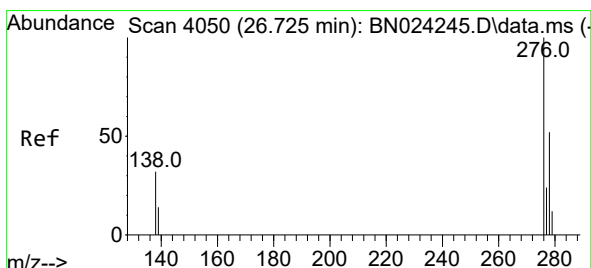
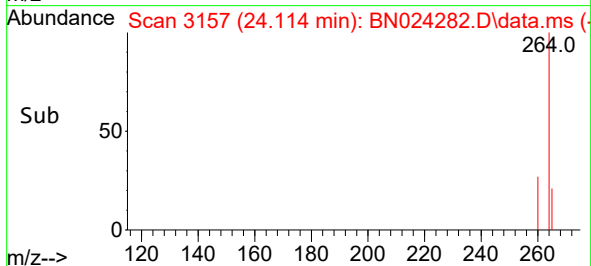
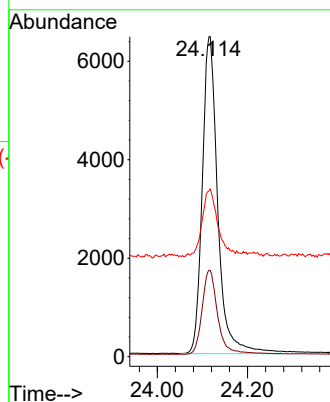
Tgt Ion:264 Resp: 15324

Ion Ratio Lower Upper

264 100

260 27.0 21.4 32.2

265 51.8 35.7 53.5



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng

RT: 26.719 min Scan# 4048

Delta R.T. -0.044 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

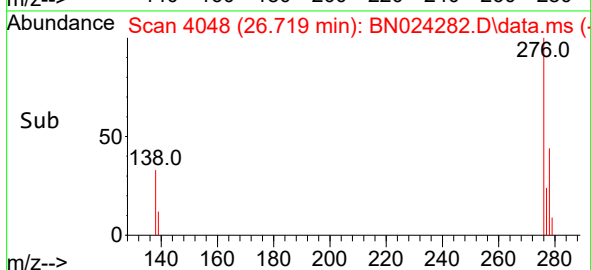
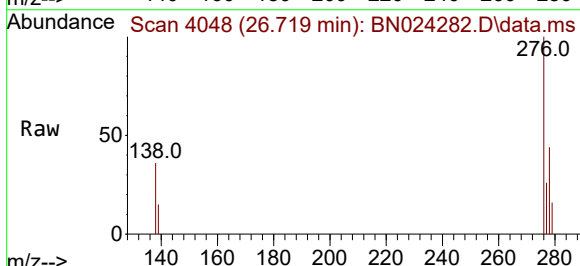
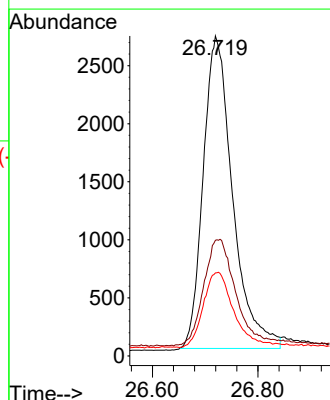
Tgt Ion:276 Resp: 10414

Ion Ratio Lower Upper

276 100

138 36.1 27.4 41.2

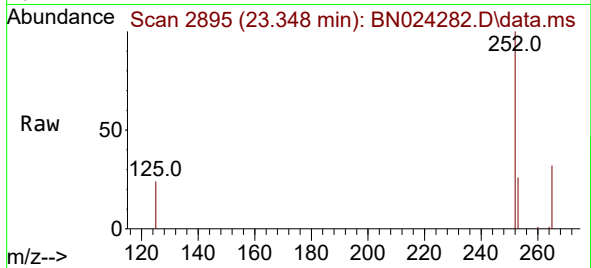
277 25.0 19.8 29.6



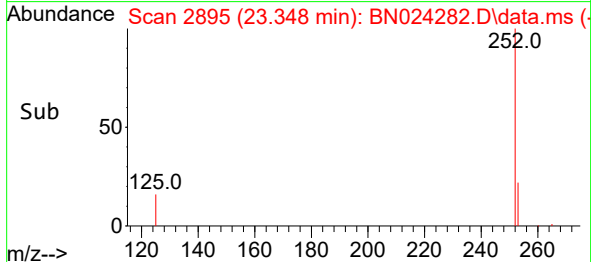
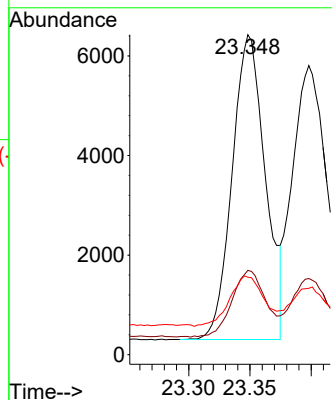


#37
Benzo(b)fluoranthene
Concen: 0.193 ng
RT: 23.348 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

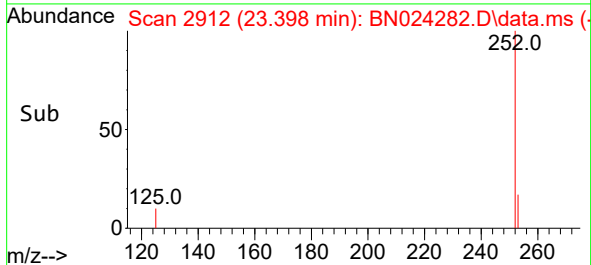
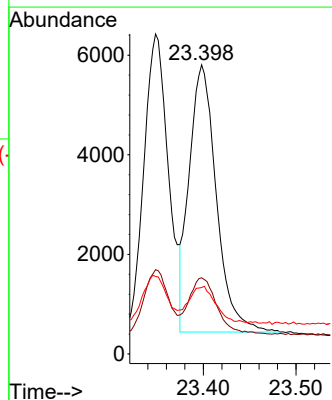
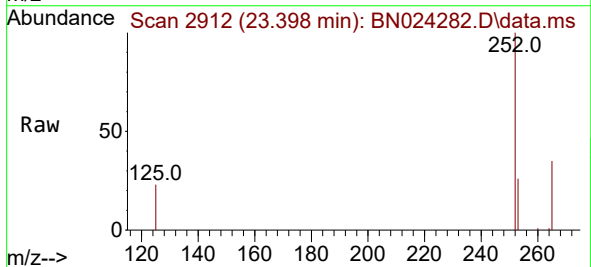


Tgt Ion:252 Resp: 11512
Ion Ratio Lower Upper
252 100
253 26.3 18.9 28.3
125 24.2 13.8 20.6#



#38
Benzo(k)fluoranthene
Concen: 0.178 ng
RT: 23.398 min Scan# 2912
Delta R.T. -0.012 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Tgt Ion:252 Resp: 10934
Ion Ratio Lower Upper
252 100
253 26.3 19.0 28.6
125 23.0 13.5 20.3#





#39

Benzo(a)pyrene

Concen: 0.166 ng

RT: 24.000 min Scan# 3119

Delta R.T. -0.014 min

Lab File: BN024282.D

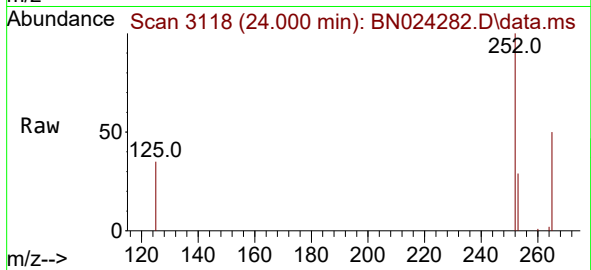
Acq: 14 Mar 2023 16:04

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



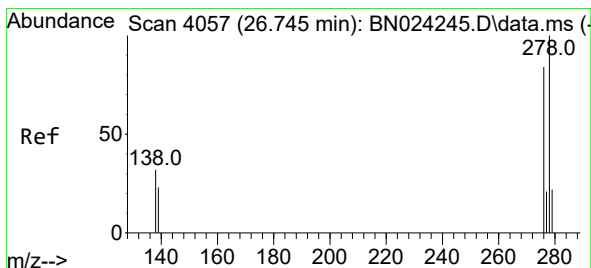
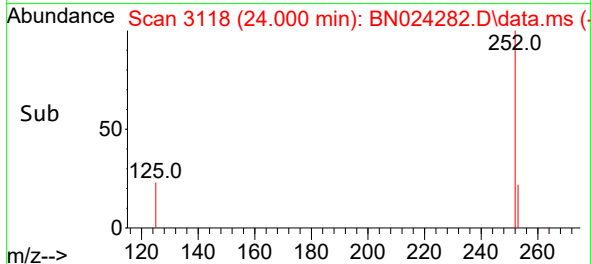
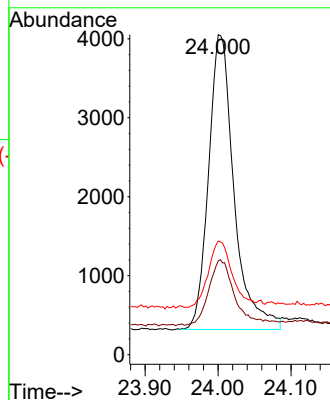
Tgt Ion:252 Resp: 9066

Ion Ratio Lower Upper

252 100

253 29.3 19.5 29.3#

125 35.5 16.2 24.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.171 ng

RT: 26.743 min Scan# 4056

Delta R.T. -0.044 min

Lab File: BN024282.D

Acq: 14 Mar 2023 16:04

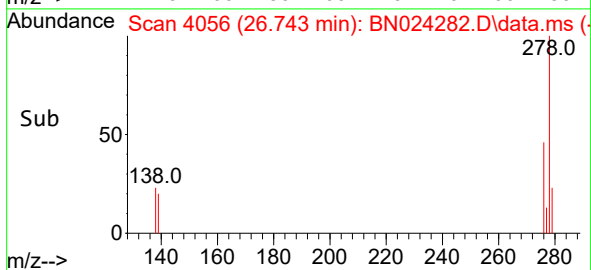
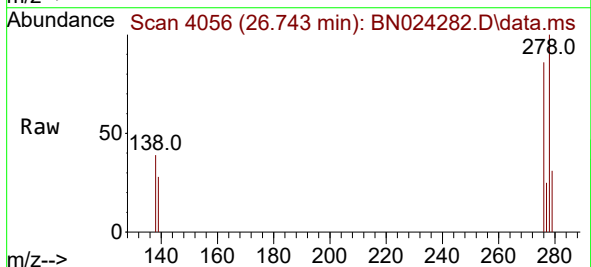
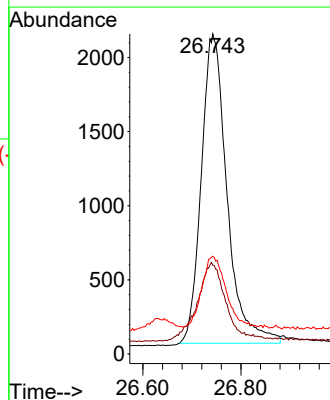
Tgt Ion:278 Resp: 7603

Ion Ratio Lower Upper

278 100

139 27.7 19.4 29.0

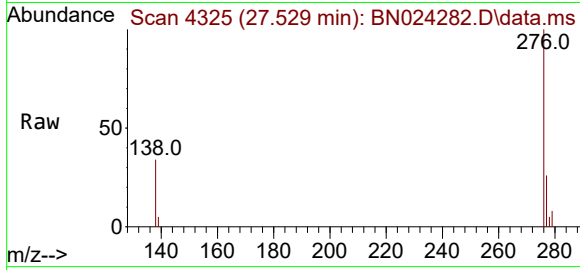
279 30.5 20.7 31.1





#41
Benzo(g,h,i)perylene
Concen: 0.189 ng
RT: 27.529 min Scan# 41
Delta R.T. -0.047 min
Lab File: BN024282.D
Acq: 14 Mar 2023 16:04

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:	276	Resp:	9822
Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.9	29.9
138	34.1	24.5	36.7

