

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024307.D
 Acq On : 16 Mar 2023 11:51
 Operator : CG/JU
 Sample : 01627-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 04:40:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

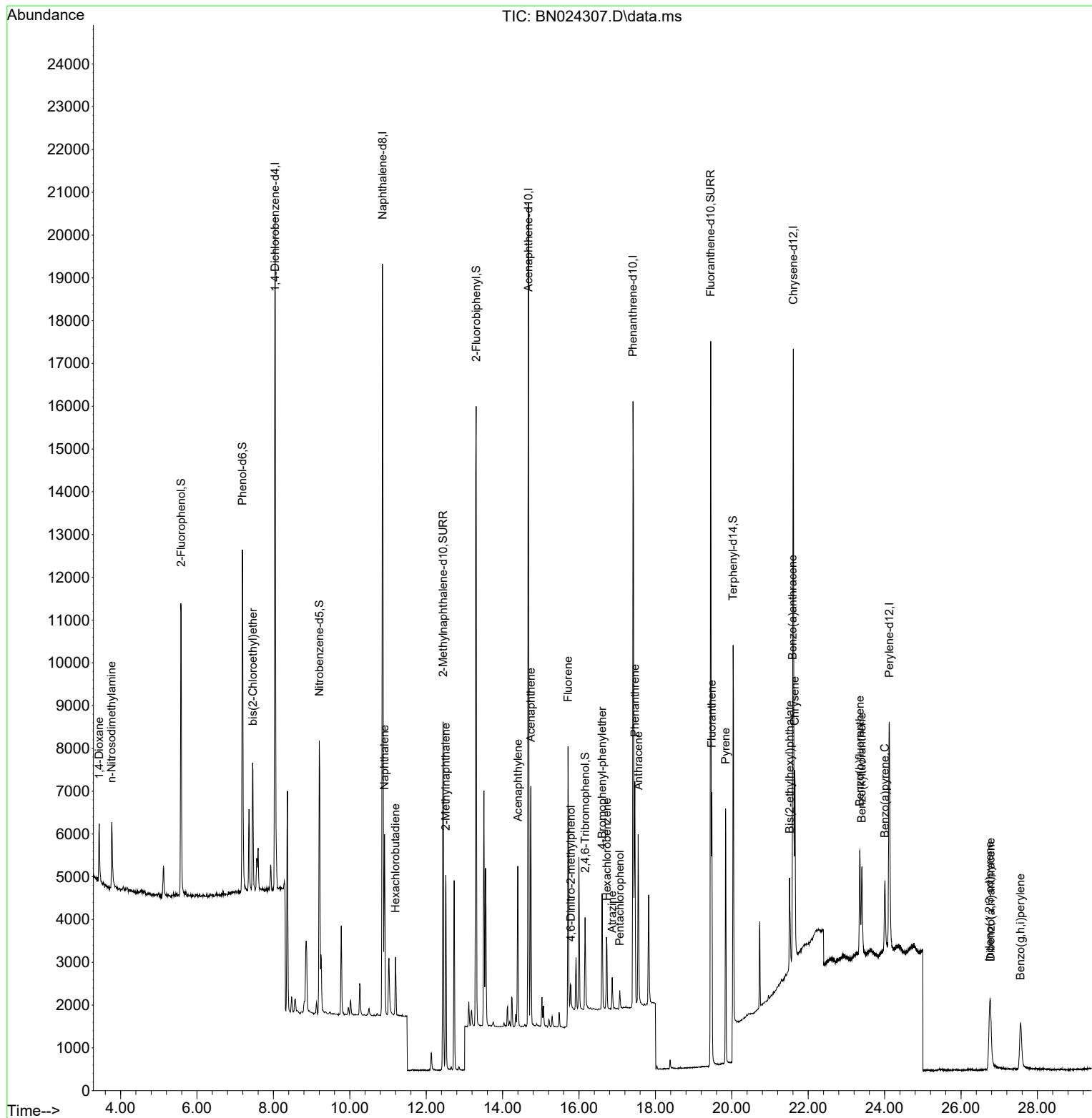
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7857	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22148	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10043	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20079	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	12749	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	9326	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	5663	0.326	ng	0.00
5) Phenol-d6	7.188	99	7253	0.324	ng	0.00
8) Nitrobenzene-d5	9.200	82	5358	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	10958	0.403	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1247	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13022	0.343	ng	0.00
27) Fluoranthene-d10	19.446	212	17287	0.406	ng	0.00
31) Terphenyl-d14	20.034	244	7413	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	935	0.109	ng	95
3) n-Nitrosodimethylamine	3.764	42	1302	0.104	ng	# 89
6) bis(2-Chloroethyl)ether	7.462	93	2159	0.097	ng	94
9) Naphthalene	10.909	128	5347	0.095	ng	95
10) Hexachlorobutadiene	11.197	225	1030	0.096	ng	# 98
12) 2-Methylnaphthalene	12.512	142	3198	0.084	ng	97
16) Acenaphthylene	14.397	152	4126	0.087	ng	100
17) Acenaphthene	14.739	154	2704	0.089	ng	94
18) Fluorene	15.712	166	3017	0.083	ng	99
20) 4,6-Dinitro-2-methylph...	15.787	198	122	0.211	ng	# 1
21) 4-Bromophenyl-phenylether	16.606	248	977	0.082	ng	# 75
22) Hexachlorobenzene	16.730	284	1413	0.096	ng	94
23) Atrazine	16.867	200	585	0.077	ng	# 87
24) Pentachlorophenol	17.065	266	243	0.156	ng	93
25) Phenanthrene	17.462	178	5326	0.090	ng	98
26) Anthracene	17.549	178	4364	0.079	ng	99
28) Fluoranthene	19.476	202	5408	0.083	ng	98
30) Pyrene	19.838	202	5168	0.100	ng	100
32) Benzo(a)anthracene	21.592	228	3648	0.086	ng	98
33) Chrysene	21.646	228	4230	0.093	ng	97
34) Bis(2-ethylhexyl)phtha...	21.511	149	2078	0.104	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.746	276	2868	0.082	ng	97
37) Benzo(b)fluoranthene	23.348	252	3546	0.098	ng	# 62
38) Benzo(k)fluoranthene	23.404	252	3325	0.089	ng	# 61
39) Benzo(a)pyrene	24.006	252	2617	0.079	ng	# 48
40) Dibenzo(a,h)anthracene	26.775	278	2012	0.074	ng	# 65
41) Benzo(g,h,i)perylene	27.555	276	2721	0.086	ng	# 86

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

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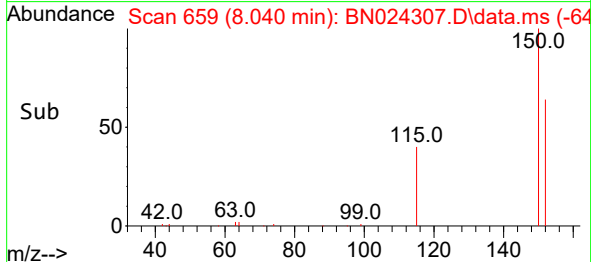
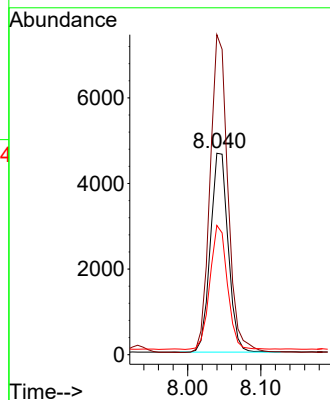
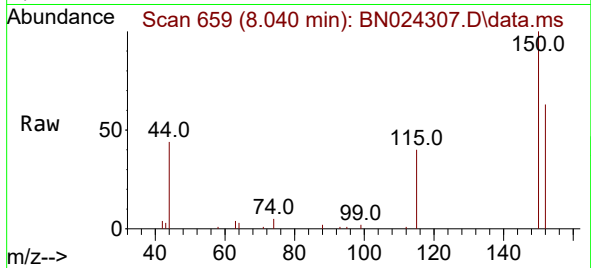




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

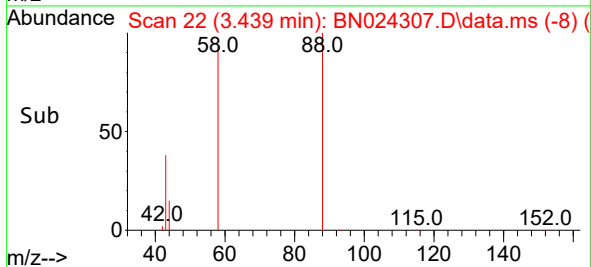
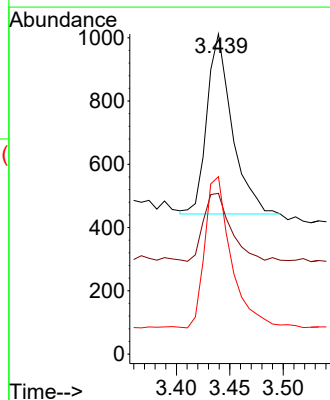
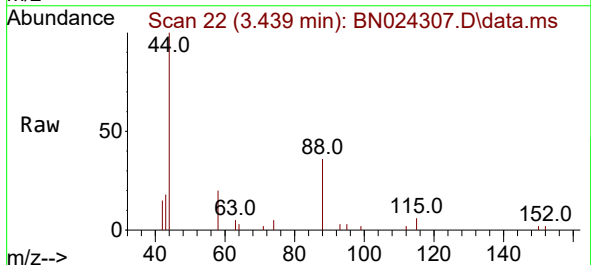
Instrument :
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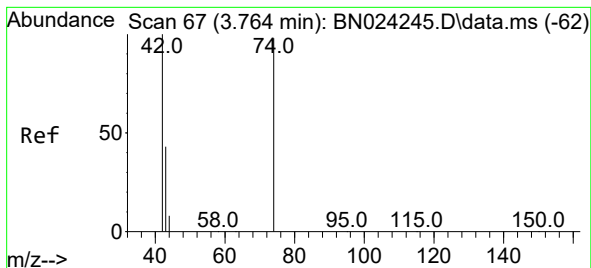
Tgt Ion:152 Resp: 7857
Ion Ratio Lower Upper
152 100
150 158.8 124.7 187.1
115 64.1 49.1 73.7



#2
1,4-Dioxane
Concen: 0.109 ng
RT: 3.439 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion: 88 Resp: 935
Ion Ratio Lower Upper
88 100
43 41.7 29.0 43.4
58 86.6 67.3 100.9





#3

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.764 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

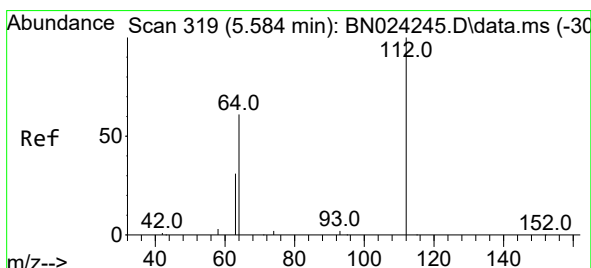
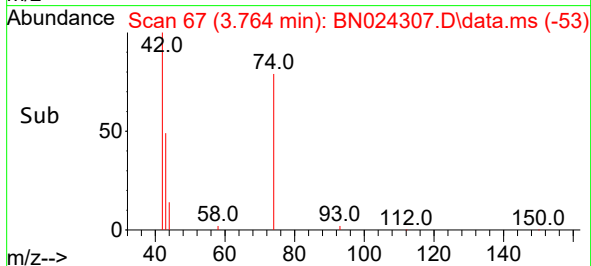
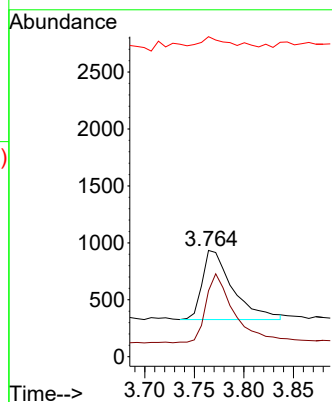
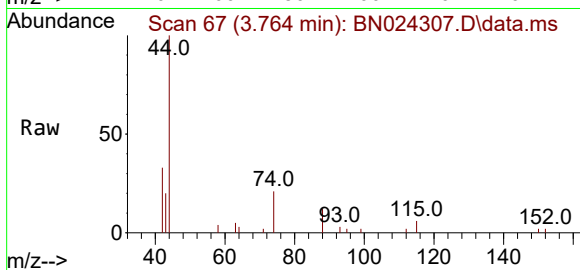
Tgt Ion: 42 Resp: 1302

Ion Ratio Lower Upper

42 100

74 91.6 81.6 122.4

44 15.1 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.326 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

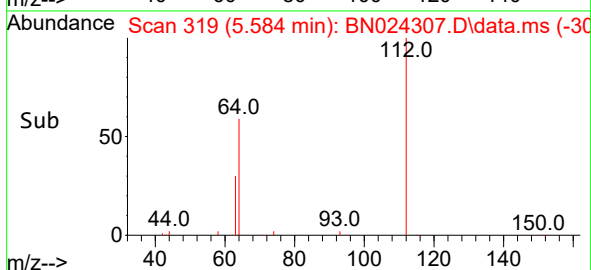
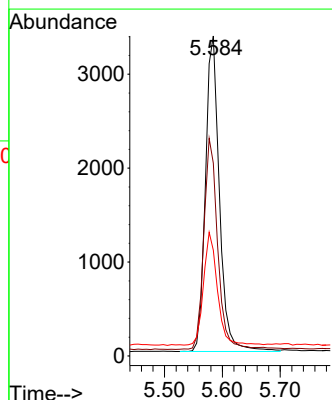
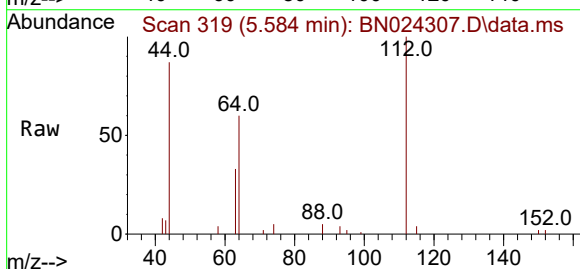
Tgt Ion: 112 Resp: 5663

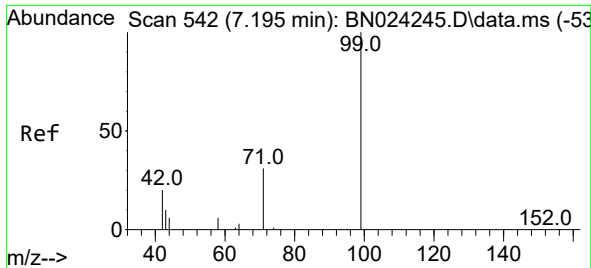
Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

63 35.2 25.7 38.5

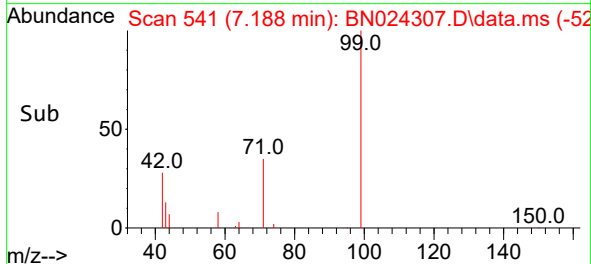
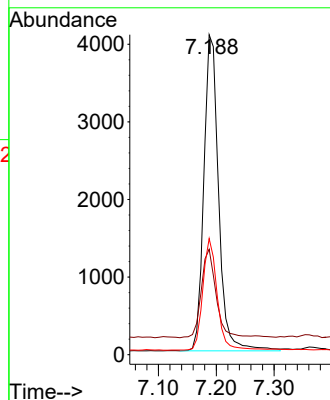
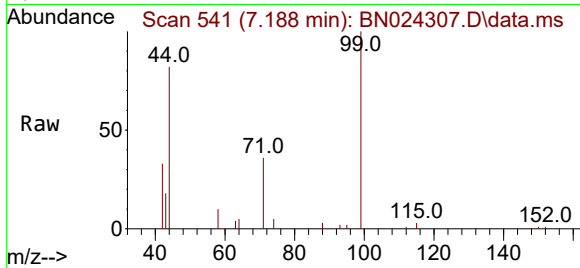




#5
Phenol-d6
Concen: 0.324 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

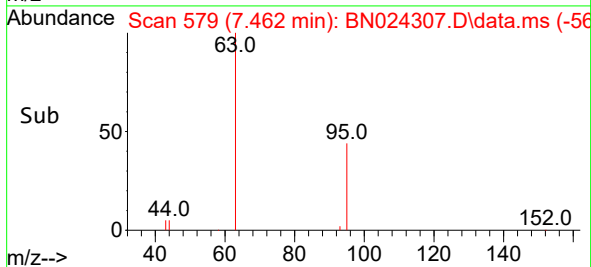
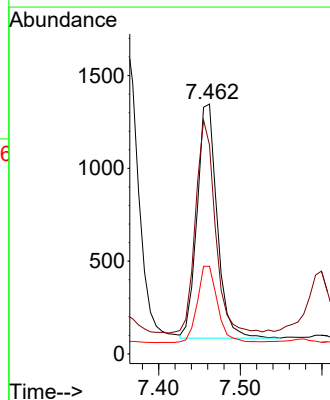
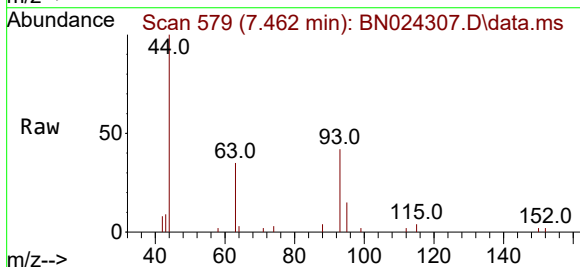
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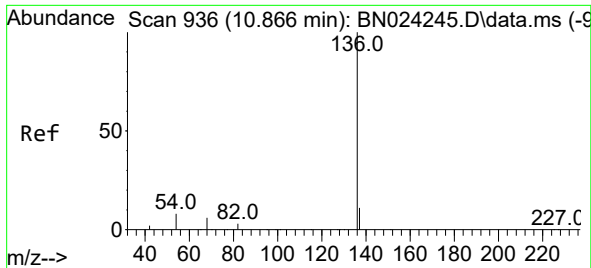
Tgt Ion:	99	Resp:	7253
Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.1	30.1
71	34.3	25.8	38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:	93	Resp:	2159
Ion	Ratio	Lower	Upper
93	100		
63	88.7	65.4	98.2
95	33.0	25.8	38.8

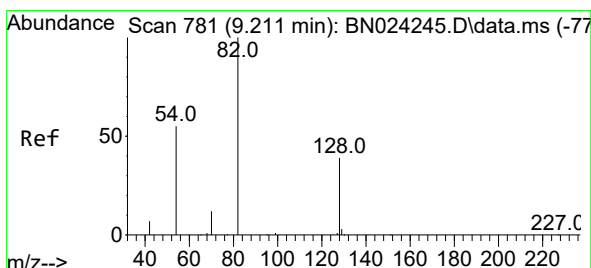
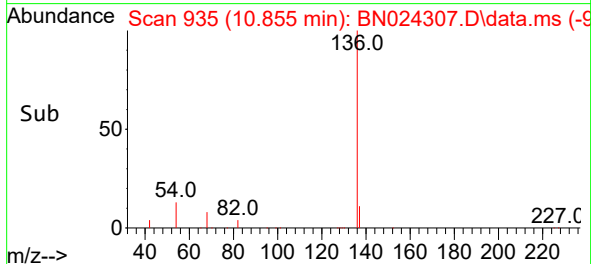
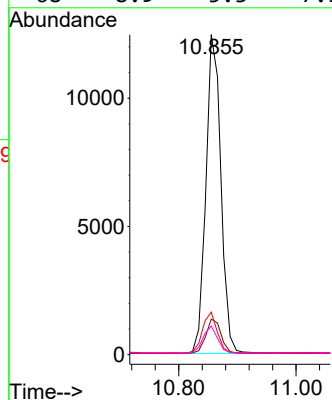
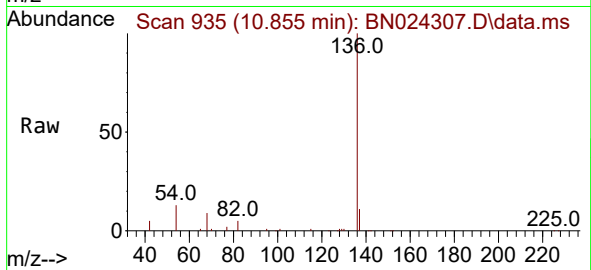




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

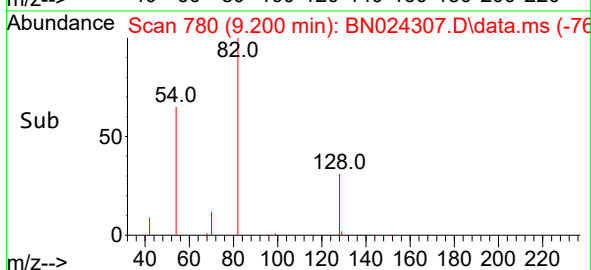
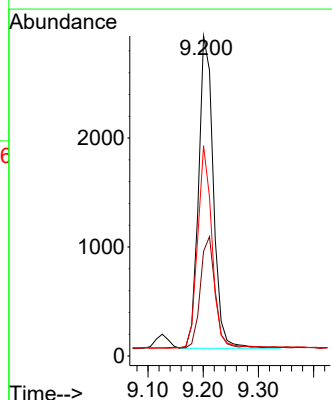
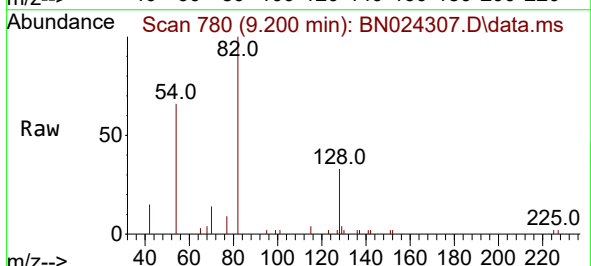
Instrument :
BNA_N
ClientSampleId :
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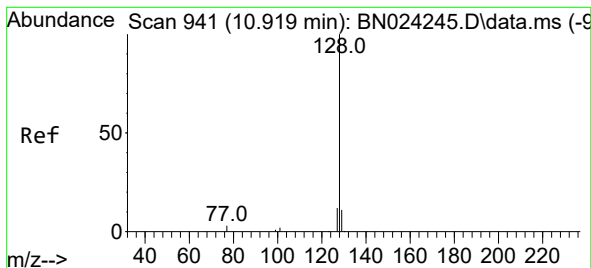
Tgt Ion:	136	Resp:	22148
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	13.3	7.1	10.7#
68	8.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:	82	Resp:	5358
Ion Ratio	Lower	Upper	
82	100		
128	32.7	32.4	48.6
54	65.7	45.2	67.8





#9

Naphthalene

Concen: 0.095 ng

RT: 10.909 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

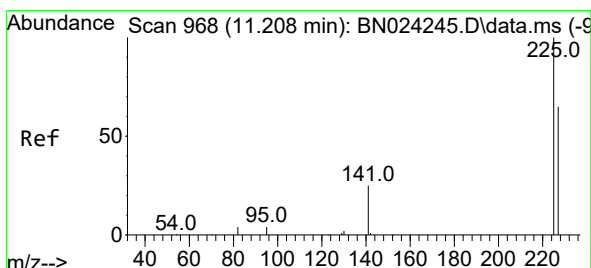
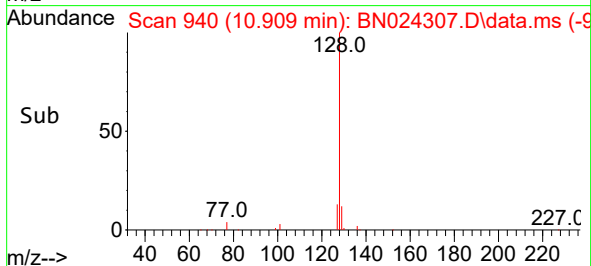
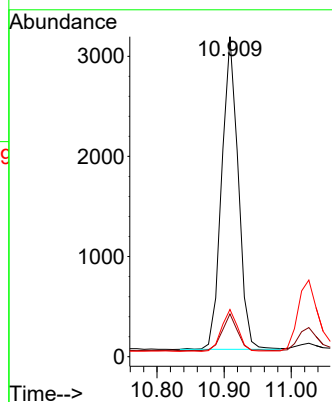
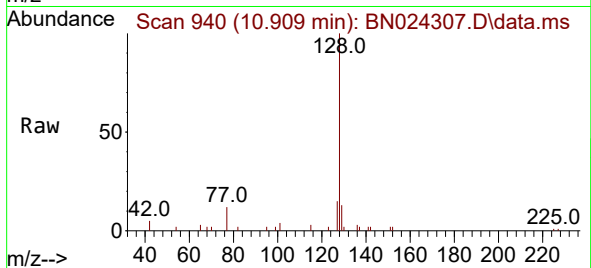
Tgt Ion:128 Resp: 5347

Ion Ratio Lower Upper

128 100

129 13.3 9.0 13.6

127 14.8 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.096 ng

RT: 11.197 min Scan# 967

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

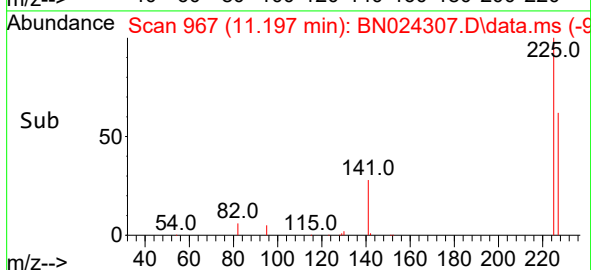
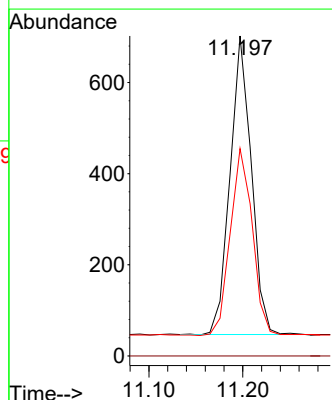
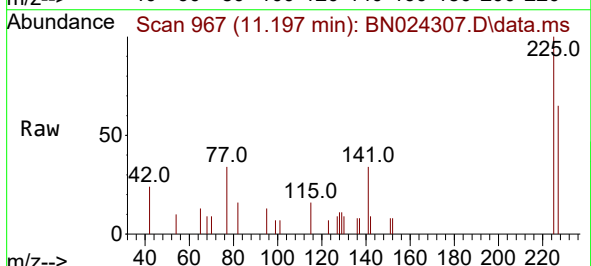
Tgt Ion:225 Resp: 1030

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 65.1 51.0 76.4

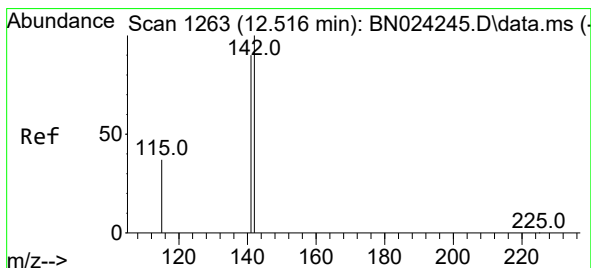
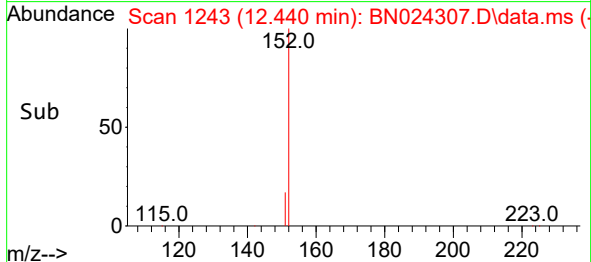
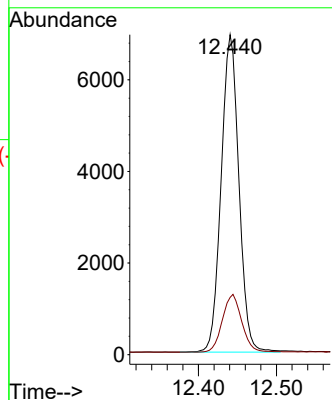
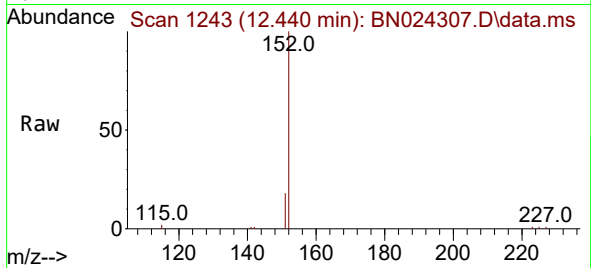




#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.440 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024307.D
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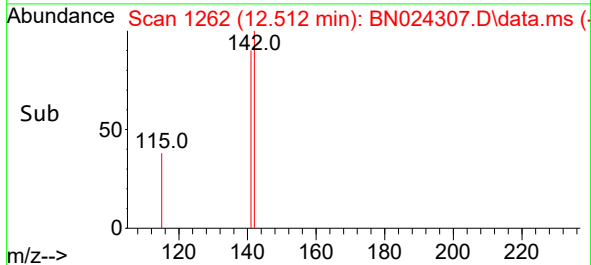
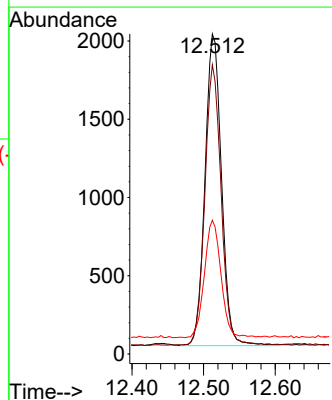
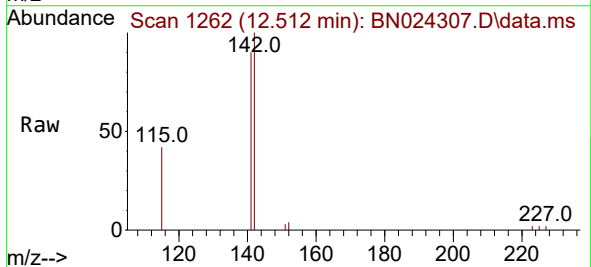
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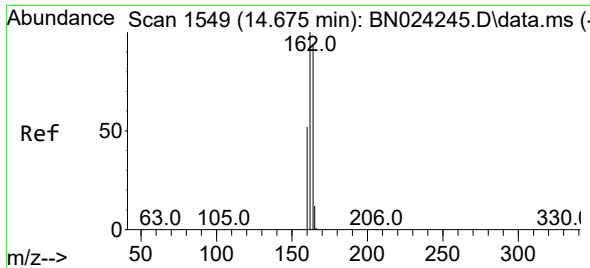
Tgt Ion:152 Resp: 10958
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.084 ng
RT: 12.512 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:142 Resp: 3198
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6
115 41.8 30.0 45.0

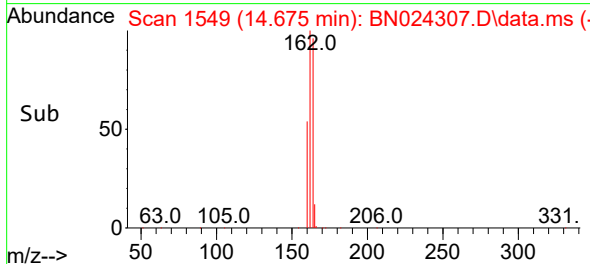
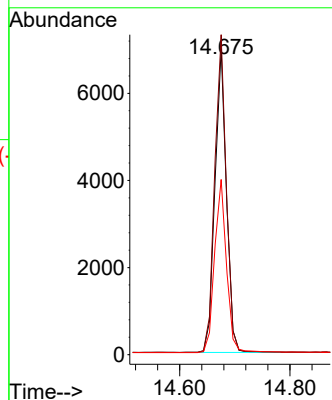
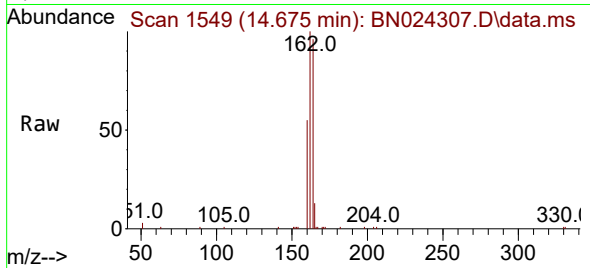




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

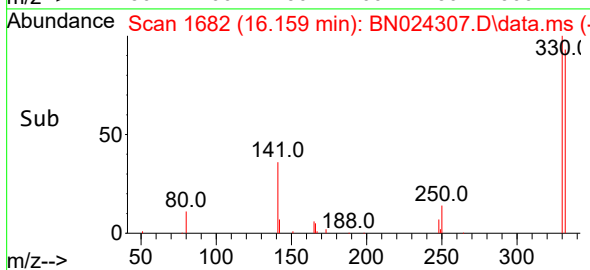
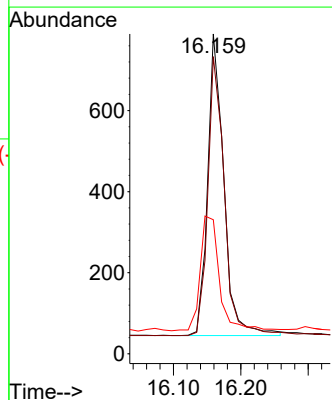
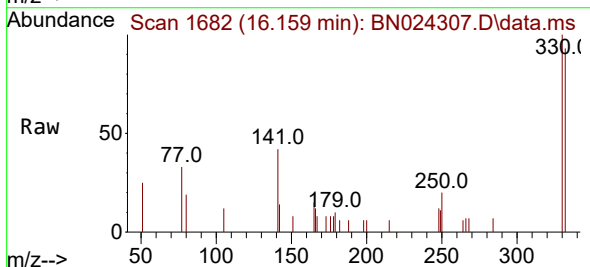
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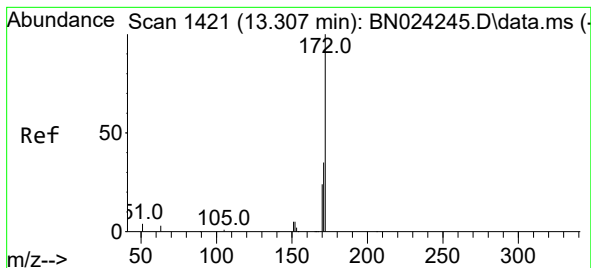
Tgt Ion:164 Resp: 10043
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 57.2 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:330 Resp: 1247
Ion Ratio Lower Upper
330 100
332 93.7 78.0 117.0
141 45.0 30.8 46.2





#15

2-Fluorobiphenyl

Concen: 0.343 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

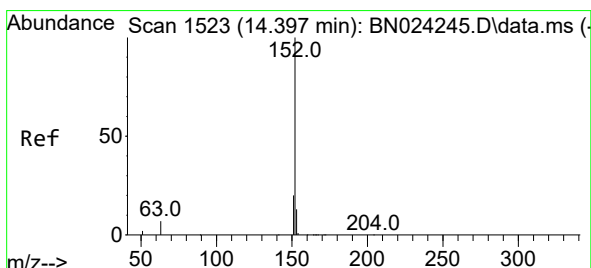
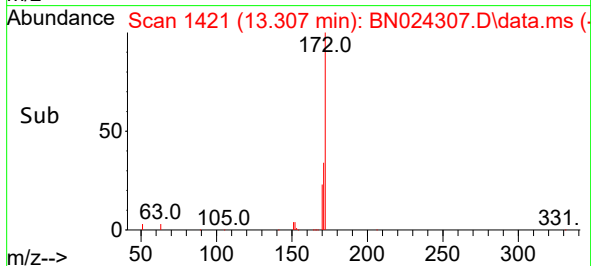
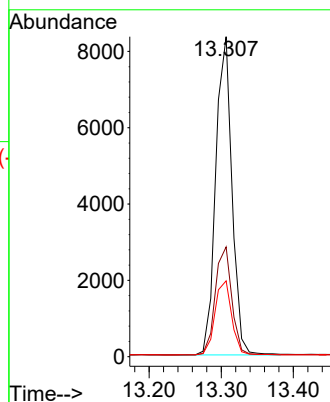
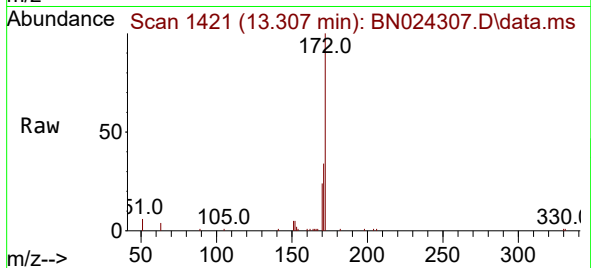
Tgt Ion:172 Resp: 13022

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

170 23.7 19.0 28.6



#16

Acenaphthylene

Concen: 0.087 ng

RT: 14.397 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

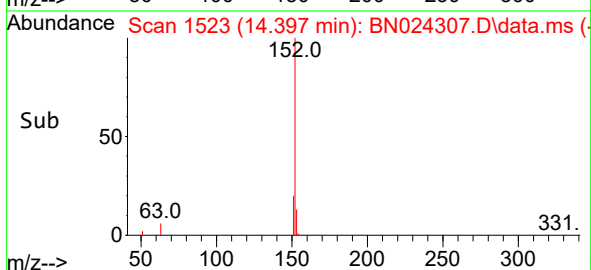
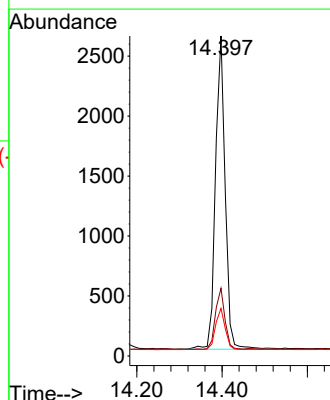
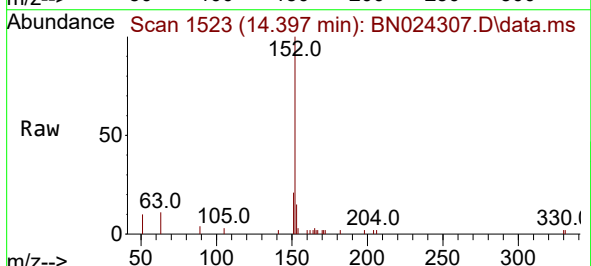
Tgt Ion:152 Resp: 4126

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0

153 13.2 10.4 15.6

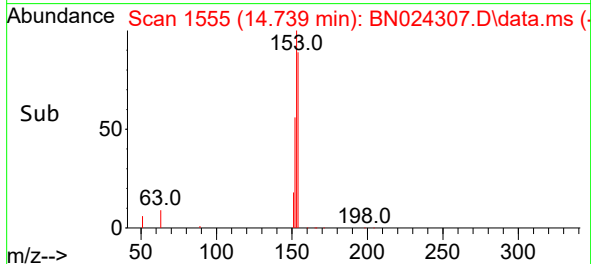
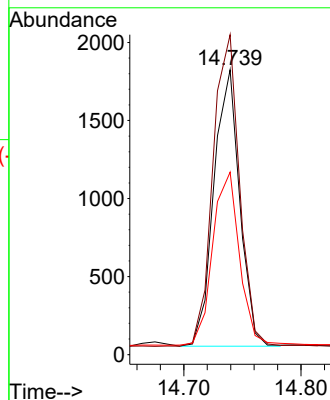
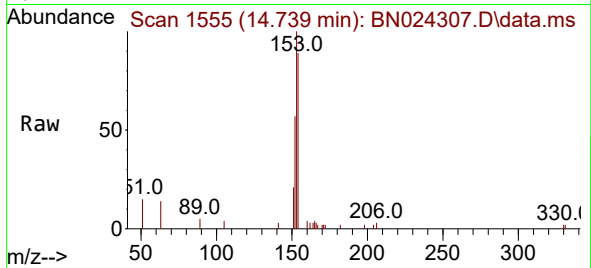




#17
Acenaphthene
Concen: 0.089 ng
RT: 14.739 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

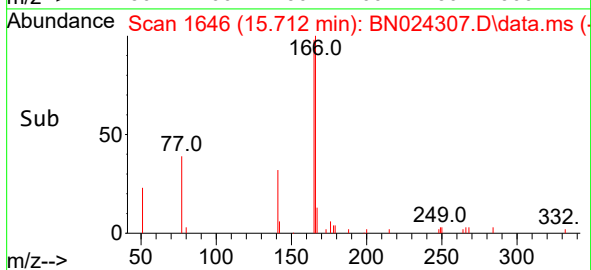
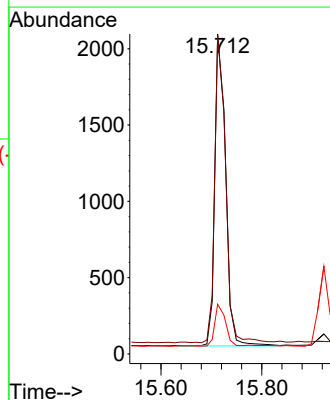
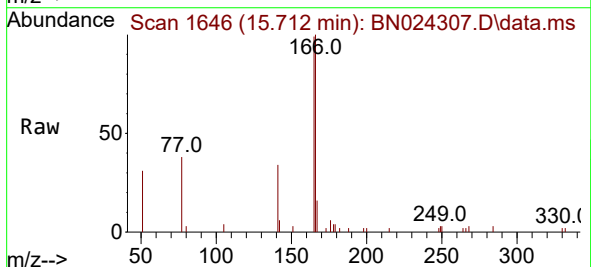
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:154 Resp: 2704
Ion Ratio Lower Upper
154 100
153 116.6 88.4 132.6
152 65.3 48.7 73.1



#18
Fluorene
Concen: 0.083 ng
RT: 15.712 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:166 Resp: 3017
Ion Ratio Lower Upper
166 100
165 99.1 80.2 120.2
167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

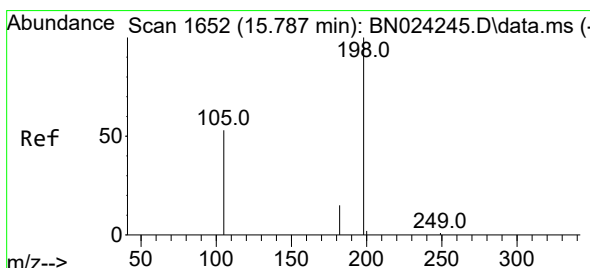
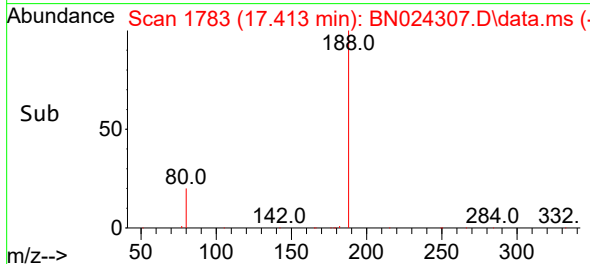
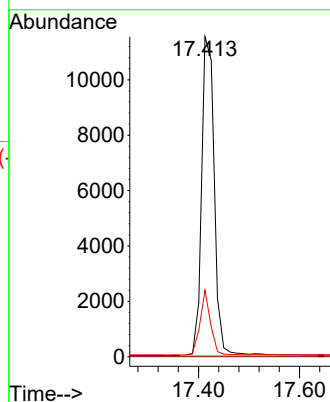
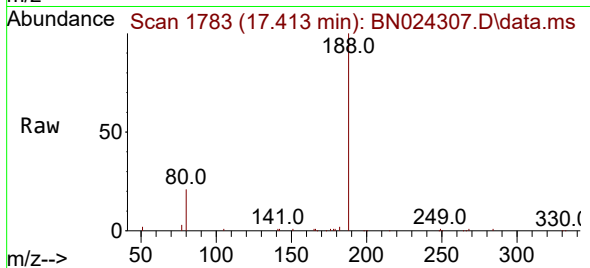
Tgt Ion:188 Resp: 20079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.7 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.211 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

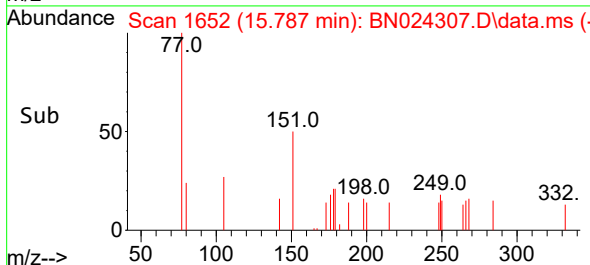
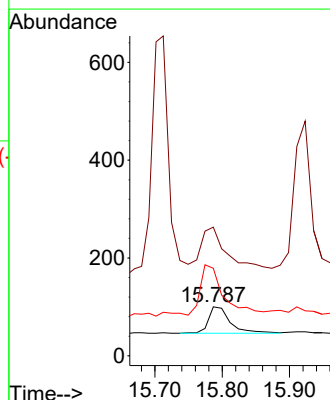
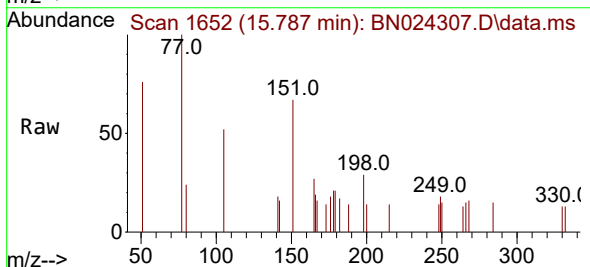
Tgt Ion:198 Resp: 122

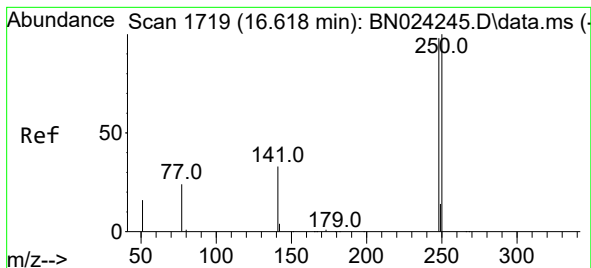
Ion Ratio Lower Upper

198 100

51 263.0 68.2 102.2#

105 179.0 51.6 77.4#





#21

4-Bromophenyl-phenylether

Concen: 0.082 ng

RT: 16.606 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

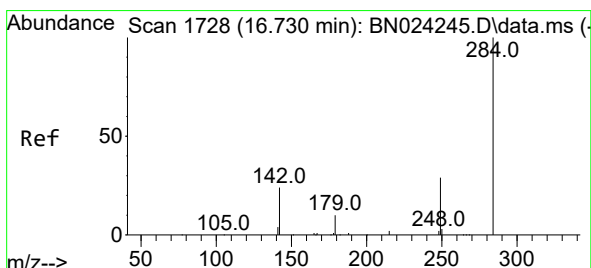
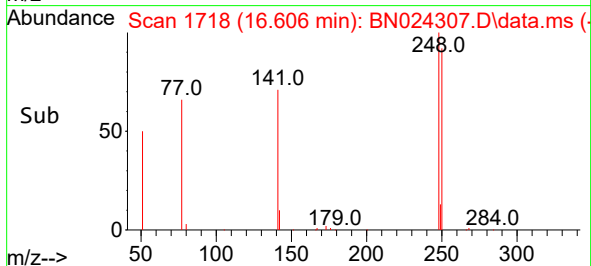
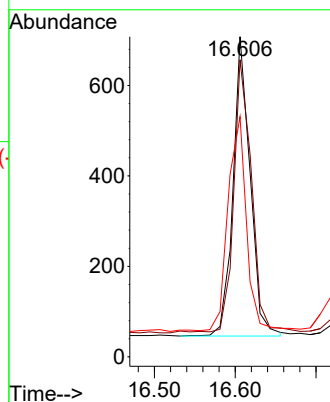
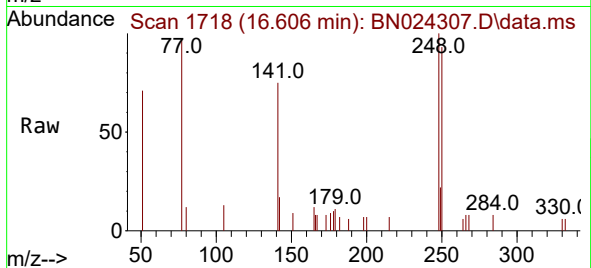
Tgt Ion:248 Resp: 977

Ion Ratio Lower Upper

248 100

250 92.8 81.9 122.9

141 75.0 28.2 42.2#



#22

Hexachlorobenzene

Concen: 0.096 ng

RT: 16.730 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

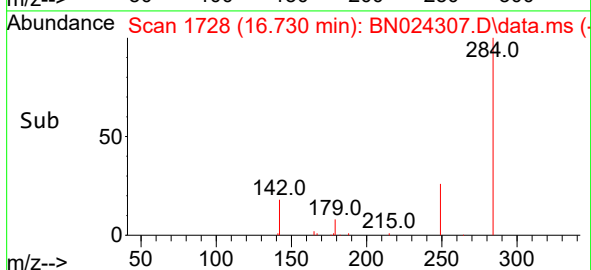
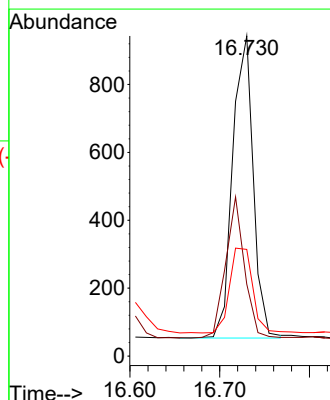
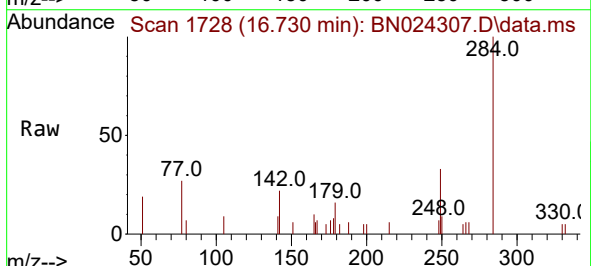
Tgt Ion:284 Resp: 1413

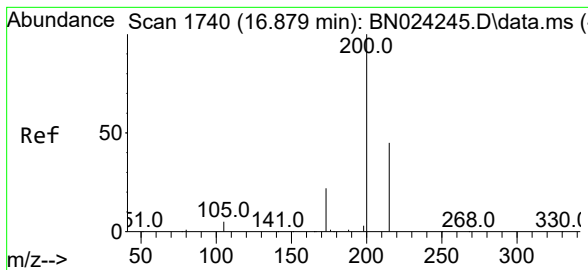
Ion Ratio Lower Upper

284 100

142 43.0 30.2 45.4

249 31.6 24.5 36.7





#23

Atrazine

Concen: 0.077 ng

RT: 16.867 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

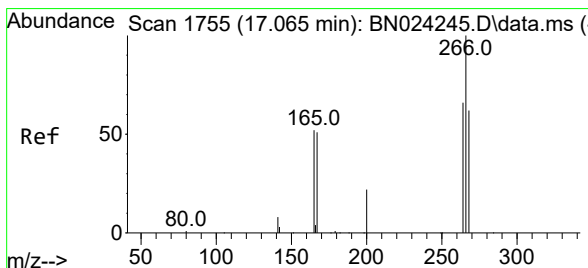
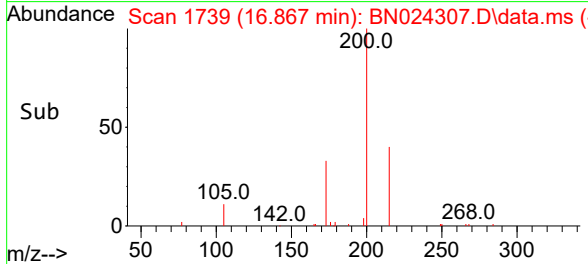
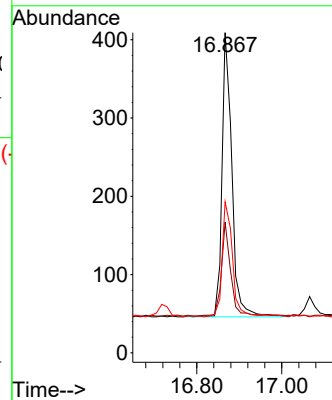
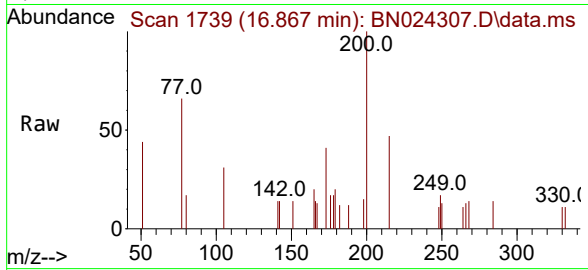
Tgt Ion:200 Resp: 585

Ion Ratio Lower Upper

200 100

173 40.8 18.9 28.3#

215 47.2 36.7 55.1



#24

Pentachlorophenol

Concen: 0.156 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

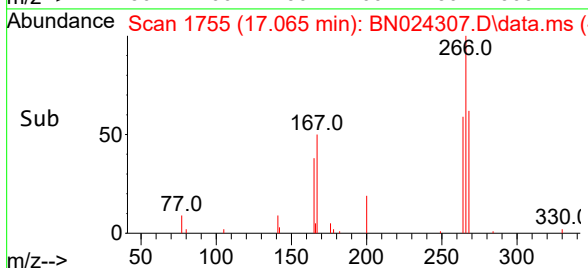
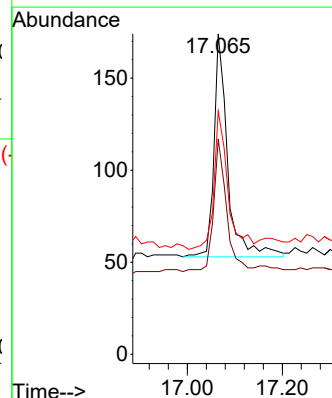
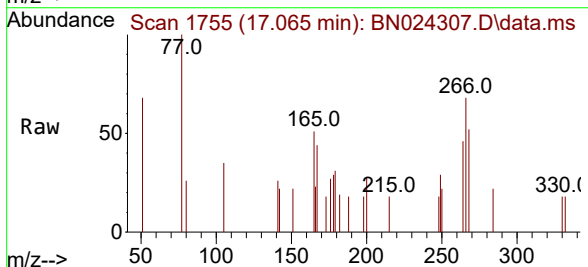
Tgt Ion:266 Resp: 243

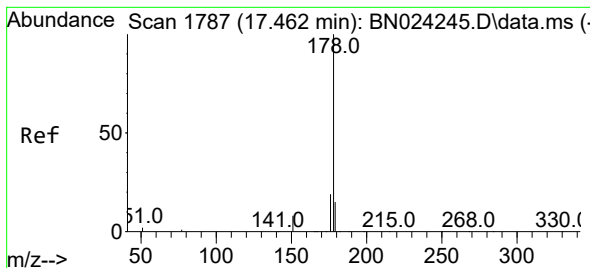
Ion Ratio Lower Upper

266 100

264 56.0 51.1 76.7

268 62.1 52.2 78.4





#25

Phenanthrene

Concen: 0.090 ng

RT: 17.462 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

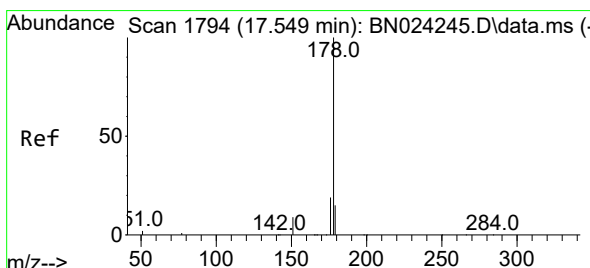
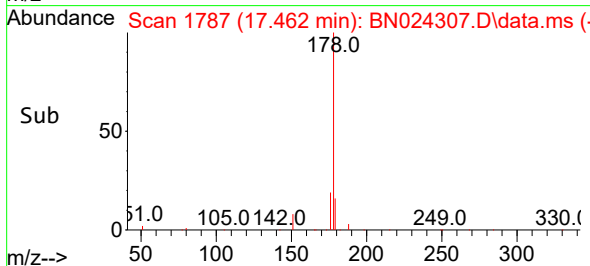
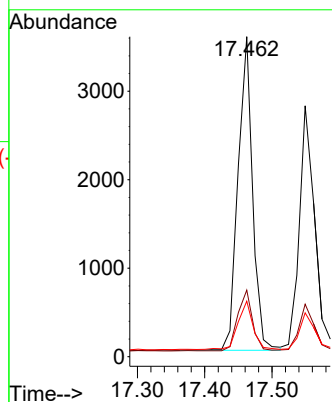
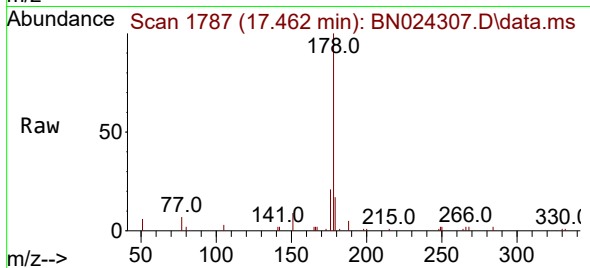
Tgt Ion:178 Resp: 5326

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.6 12.2 18.2



#26

Anthracene

Concen: 0.079 ng

RT: 17.549 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

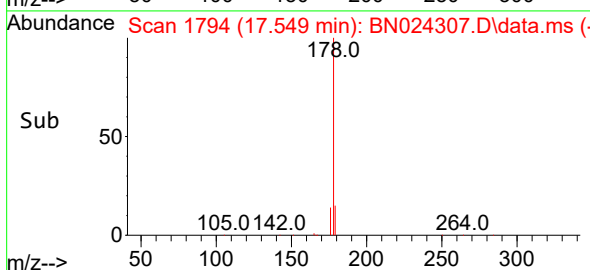
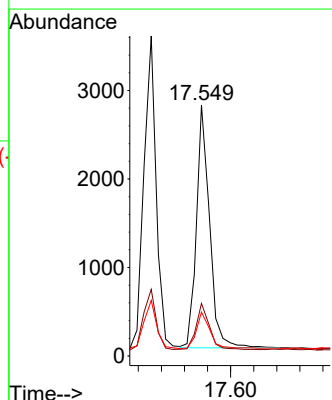
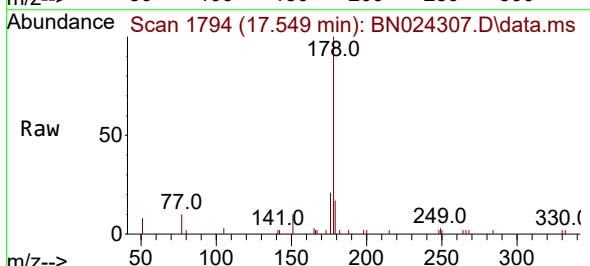
Tgt Ion:178 Resp: 4364

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.1 18.1

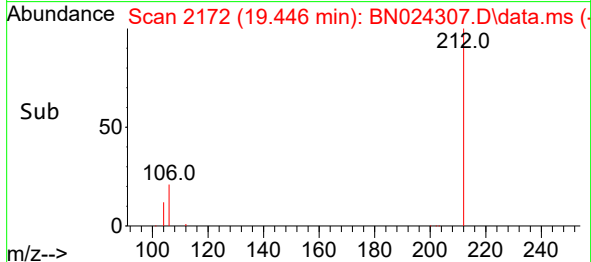
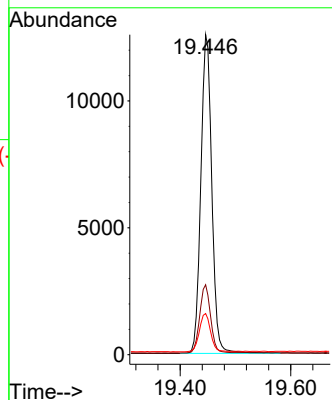
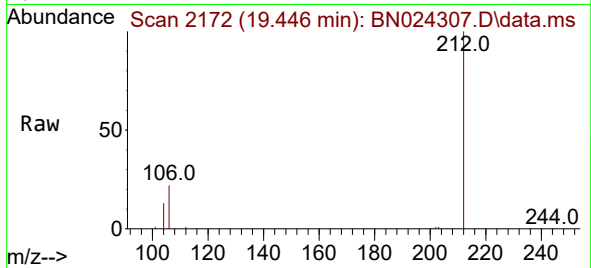




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

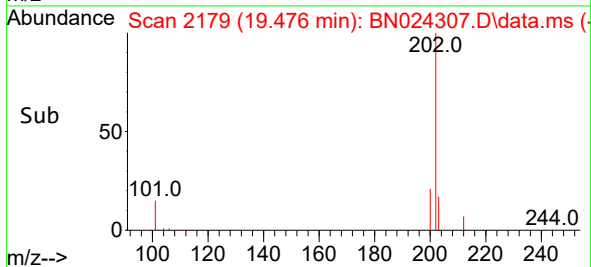
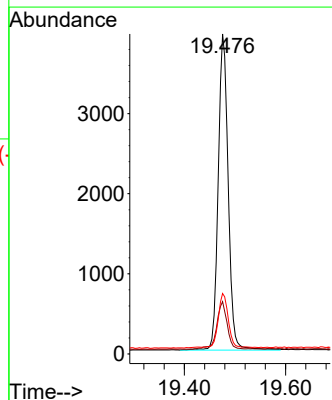
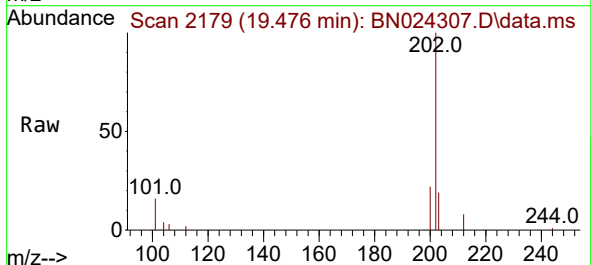
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:212 Resp: 17287
Ion Ratio Lower Upper
212 100
106 21.1 15.4 23.2
104 12.2 8.6 13.0



#28
Fluoranthene
Concen: 0.083 ng
RT: 19.476 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

Tgt Ion:202 Resp: 5408
Ion Ratio Lower Upper
202 100
101 15.7 11.3 16.9
203 17.1 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

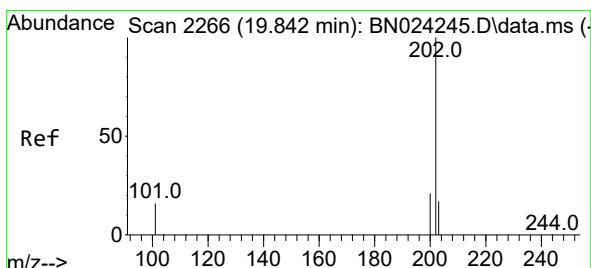
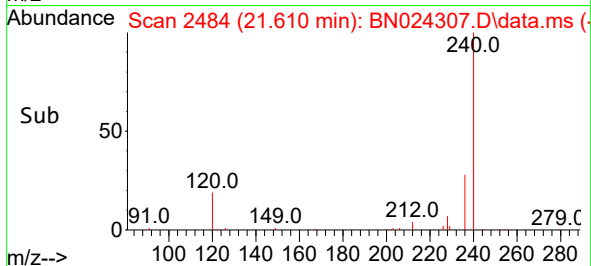
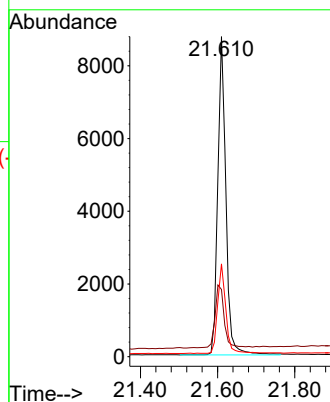
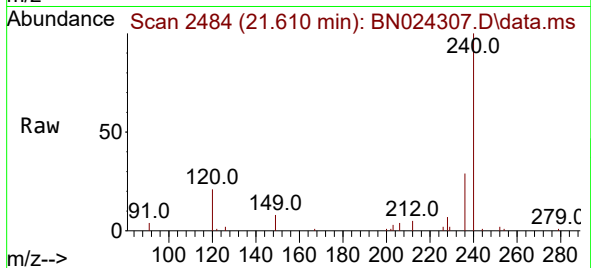
Tgt Ion:240 Resp: 12749

Ion Ratio Lower Upper

240 100

120 21.0 12.8 19.2#

236 29.0 22.5 33.7



#30

Pyrene

Concen: 0.100 ng

RT: 19.838 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

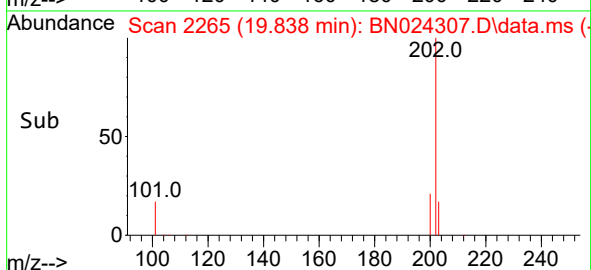
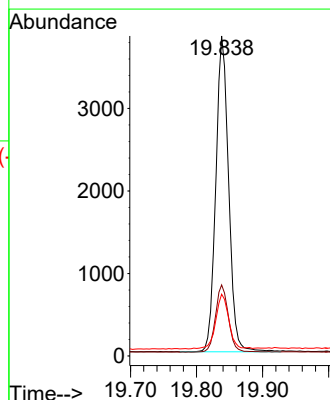
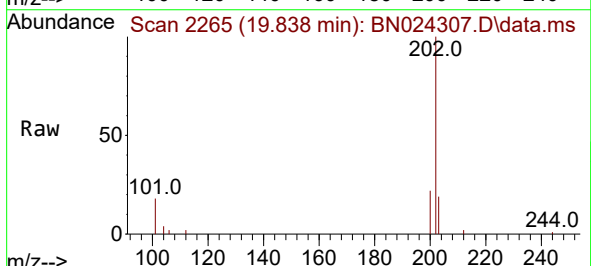
Tgt Ion:202 Resp: 5168

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

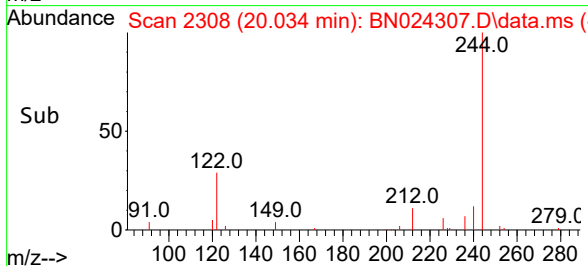
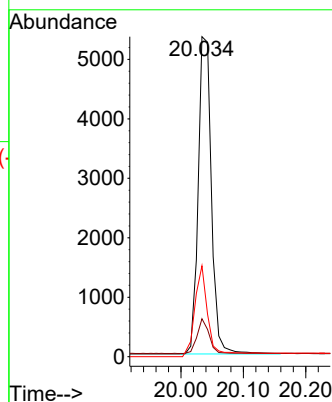
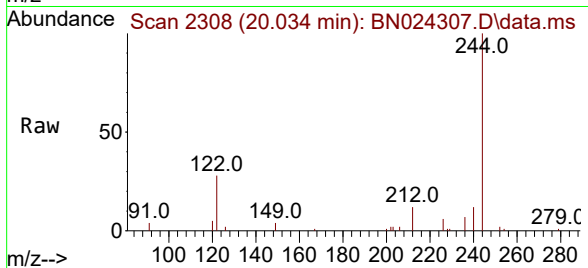
Tgt Ion:244 Resp: 7413

Ion Ratio Lower Upper

244 100

212 11.9 7.6 11.4#

122 28.4 15.1 22.7#



#32

Benzo(a)anthracene

Concen: 0.086 ng

RT: 21.592 min Scan# 2482

Delta R.T. 0.009 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

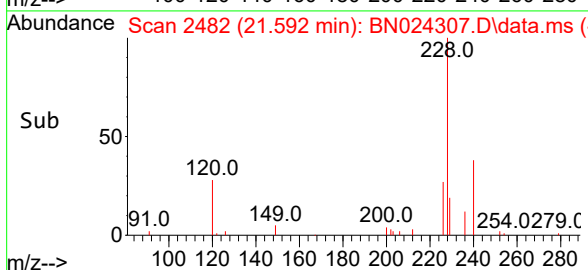
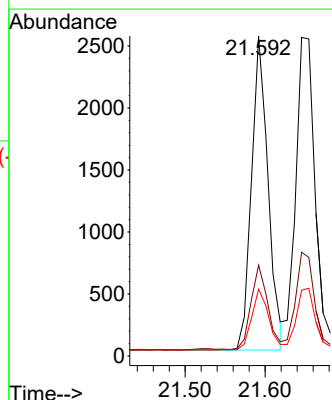
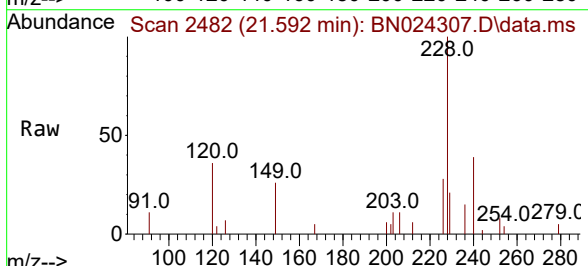
Tgt Ion:228 Resp: 3648

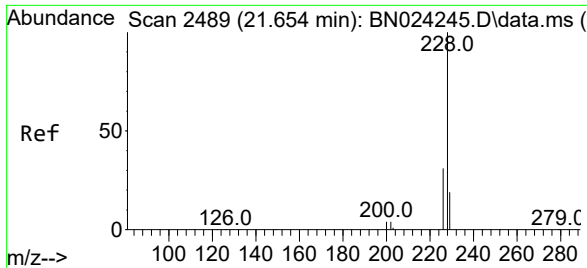
Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.2

229 20.9 15.9 23.9





#33

Chrysene

Concen: 0.093 ng

RT: 21.646 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

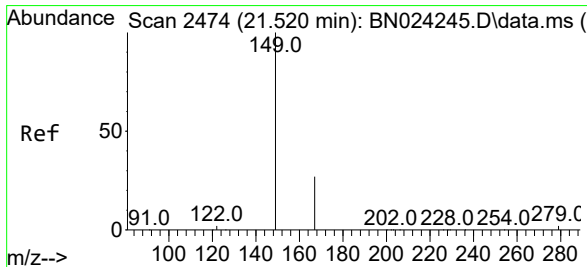
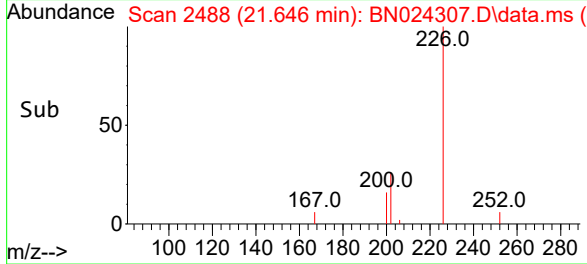
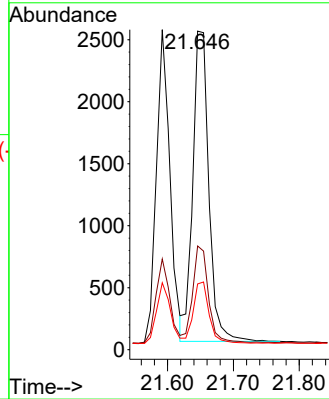
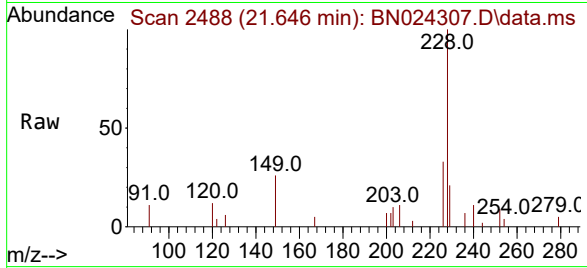
Tgt Ion:228 Resp: 4230

Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

229 20.7 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.009 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

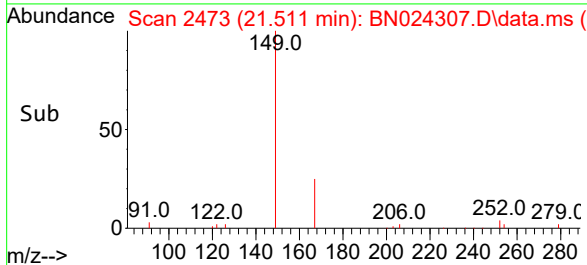
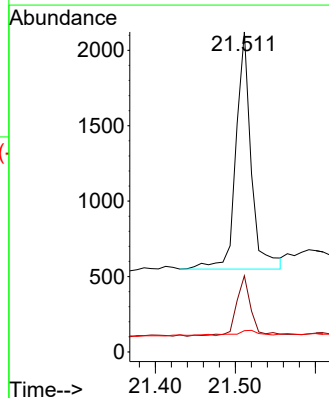
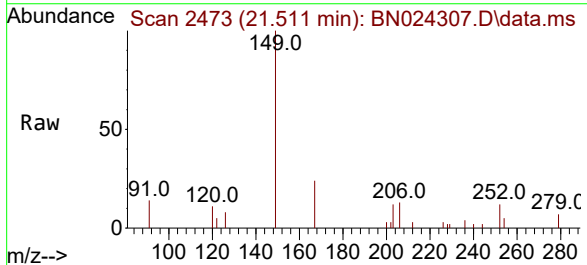
Tgt Ion:149 Resp: 2078

Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

279 3.2 1.8 2.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3158

Delta R.T. 0.006 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

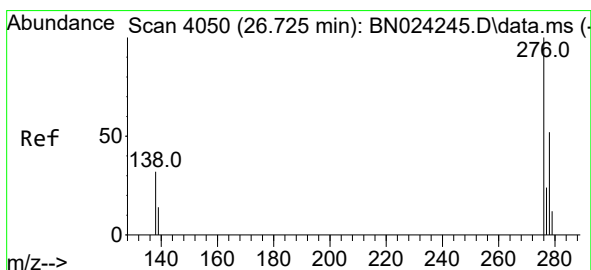
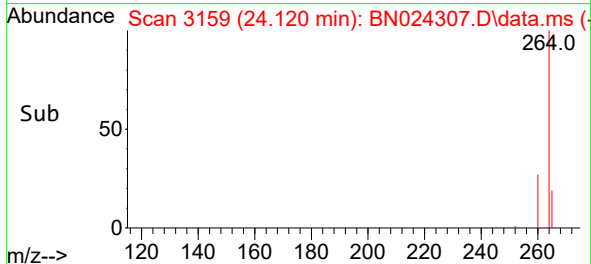
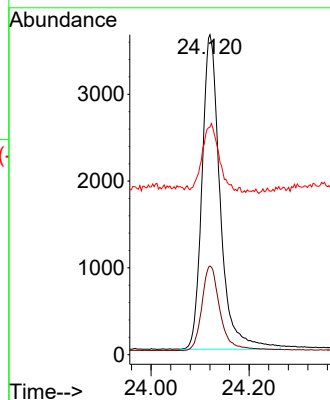
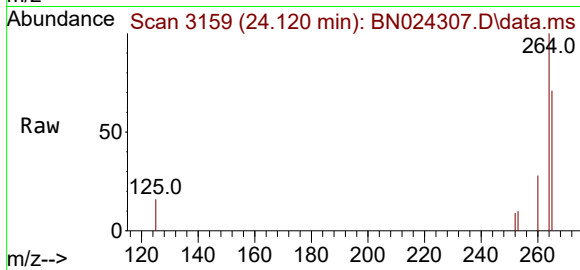
Tgt Ion:264 Resp: 9326

Ion Ratio Lower Upper

264 100

260 27.7 21.4 32.2

265 71.1 35.7 53.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.082 ng

RT: 26.746 min Scan# 4057

Delta R.T. 0.006 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

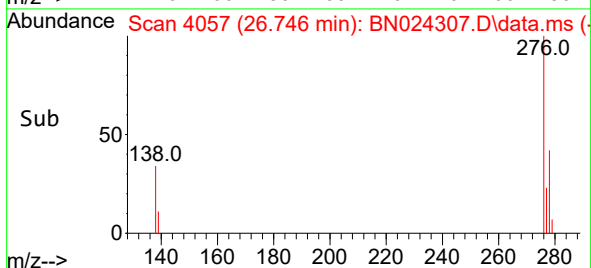
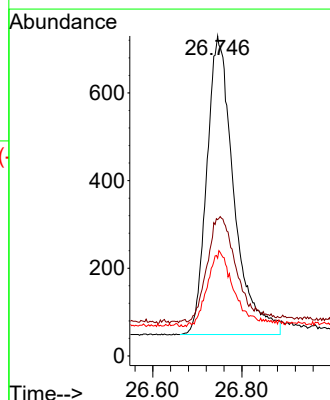
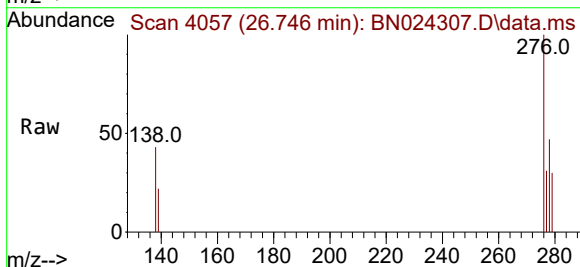
Tgt Ion:276 Resp: 2868

Ion Ratio Lower Upper

276 100

138 36.3 27.4 41.2

277 23.5 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 23.348 min Scan# 2895

Delta R.T. 0.006 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022

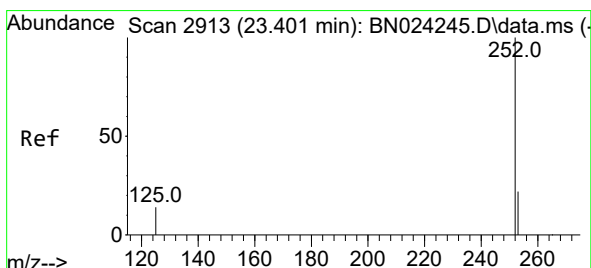
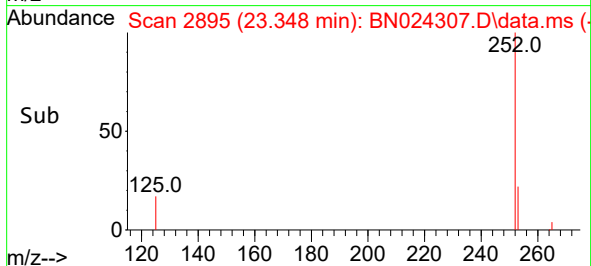
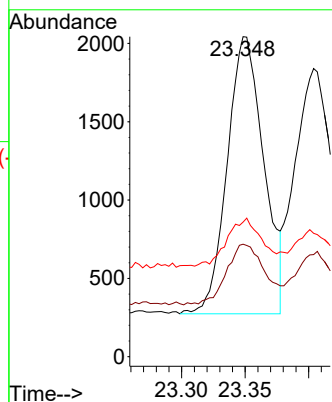
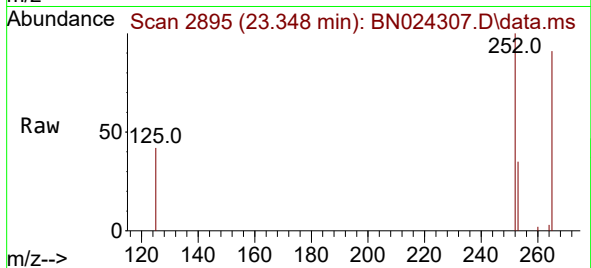
Tgt Ion:252 Resp: 3546

Ion Ratio Lower Upper

252 100

253 35.1 18.9 28.3#

125 42.0 13.8 20.6#



#38

Benzo(k)fluoranthene

Concen: 0.089 ng

RT: 23.404 min Scan# 2914

Delta R.T. 0.009 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

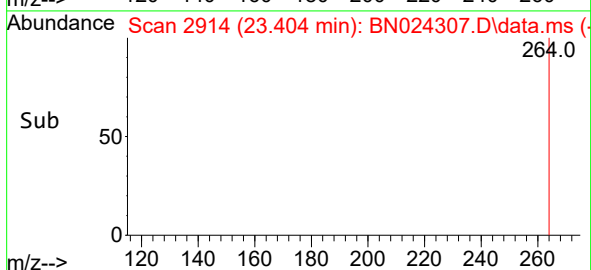
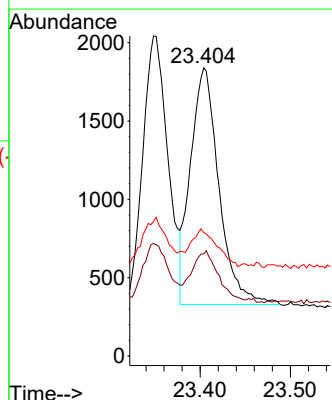
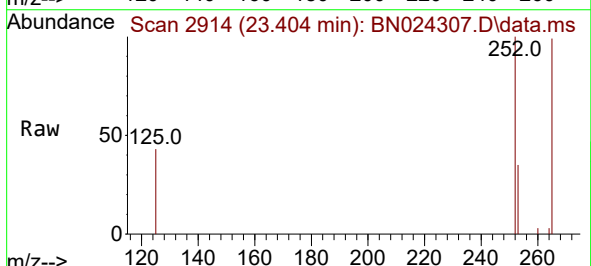
Tgt Ion:252 Resp: 3325

Ion Ratio Lower Upper

252 100

253 35.4 19.0 28.6#

125 42.8 13.5 20.3#





#39

Benzo(a)pyrene

Concen: 0.079 ng

RT: 24.006 min Scan# 3119

Delta R.T. 0.009 min

Lab File: BN024307.D

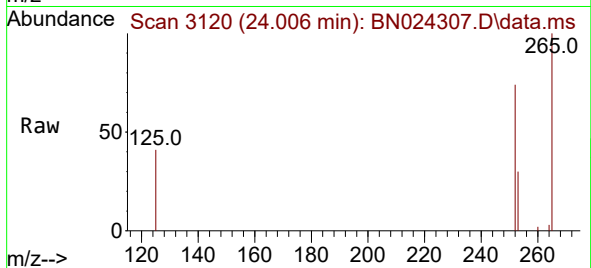
Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022



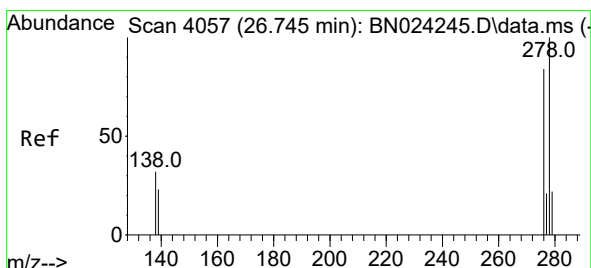
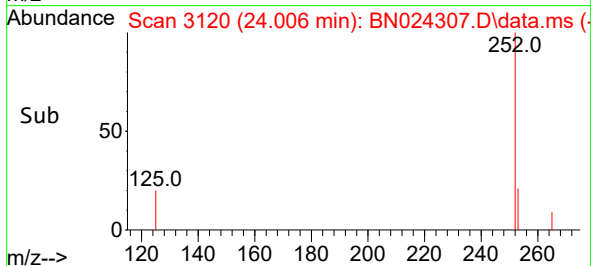
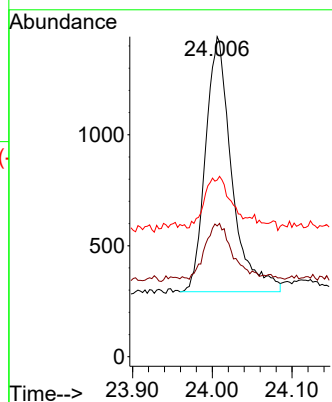
Tgt Ion:252 Resp: 2617

Ion Ratio Lower Upper

252 100

253 40.8 19.5 29.3#

125 55.2 16.2 24.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.074 ng

RT: 26.775 min Scan# 4067

Delta R.T. 0.015 min

Lab File: BN024307.D

Acq: 16 Mar 2023 11:51

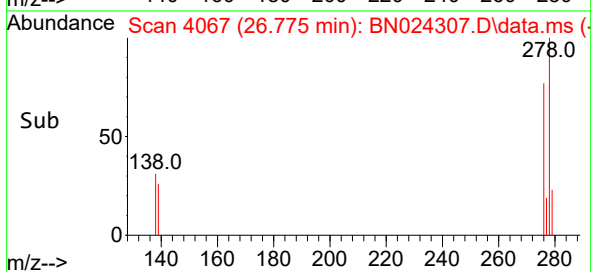
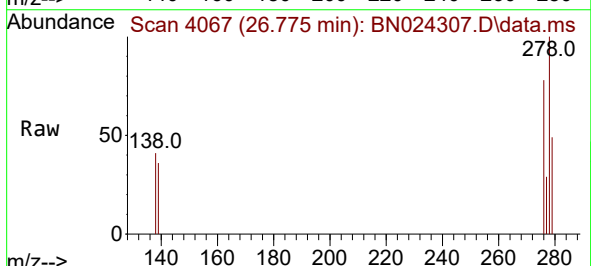
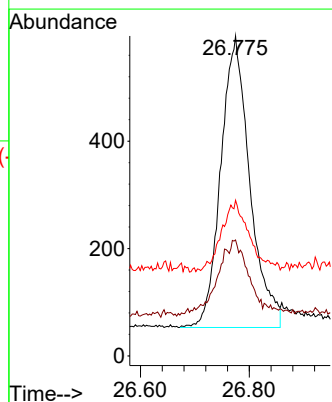
Tgt Ion:278 Resp: 2012

Ion Ratio Lower Upper

278 100

139 36.2 19.4 29.0#

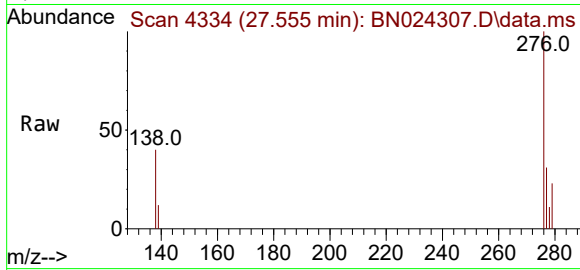
279 48.7 20.7 31.1#





#41
 Benzo(g,h,i)perylene
 Concen: 0.086 ng
 RT: 27.555 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN024307.D
 Acq: 16 Mar 2023 11:51

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion: 276 Resp: 2721

Ion	Ratio	Lower	Upper
276	100		
277	30.7	19.9	29.9#
138	39.7	24.5	36.7#

