

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)

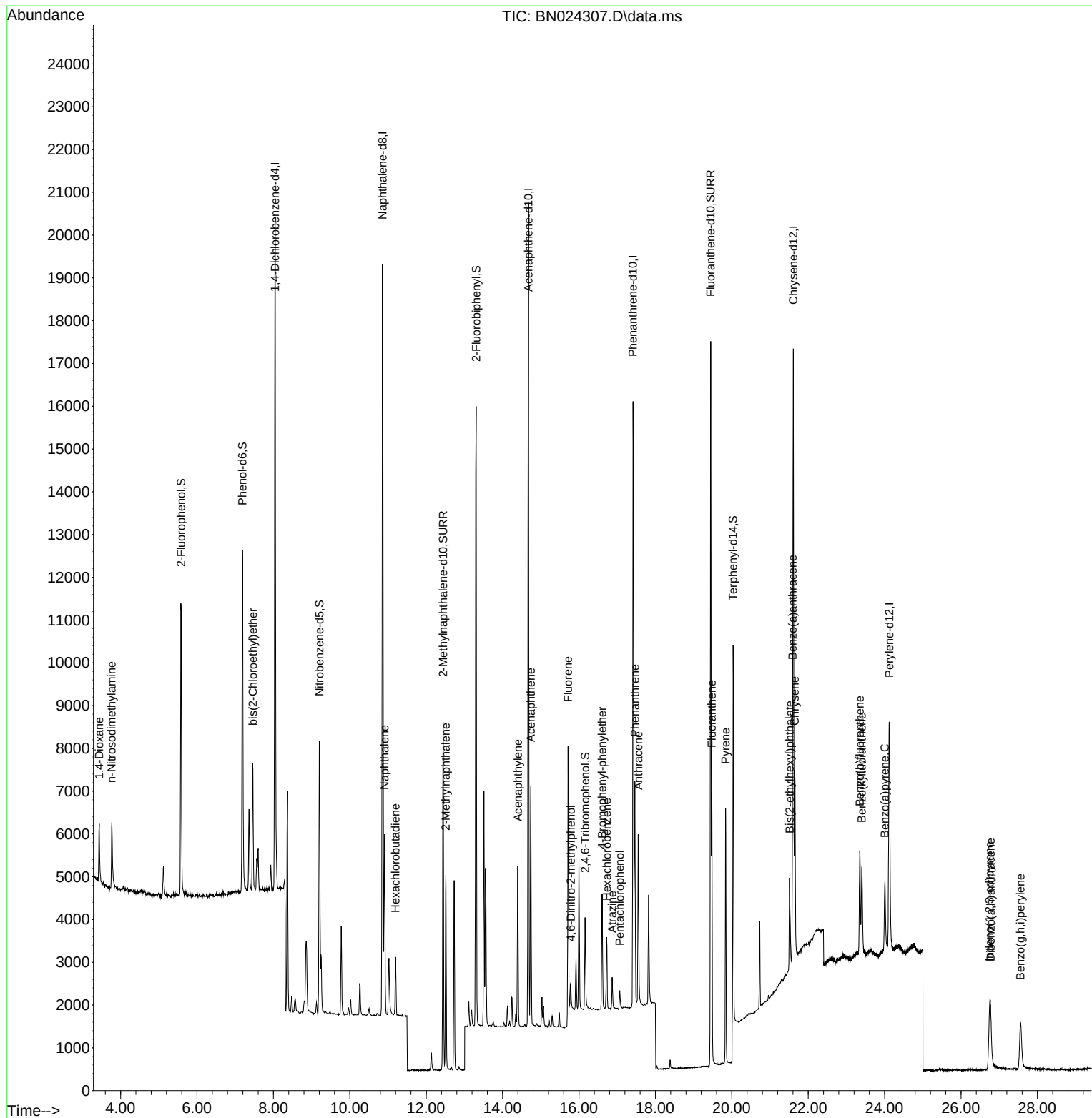
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7857	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22148	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10043	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20079	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	12749	0.400	ng	# 0.00
35) Perylene-d12	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

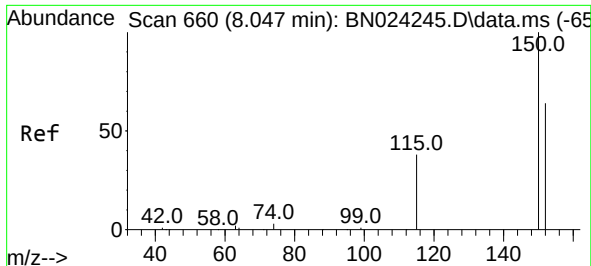
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

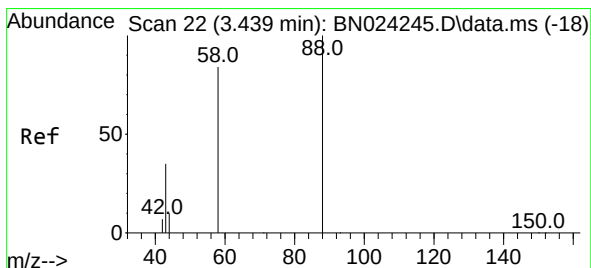
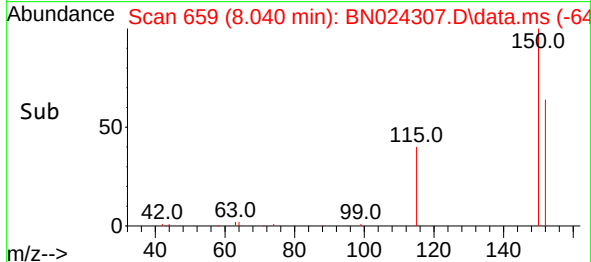
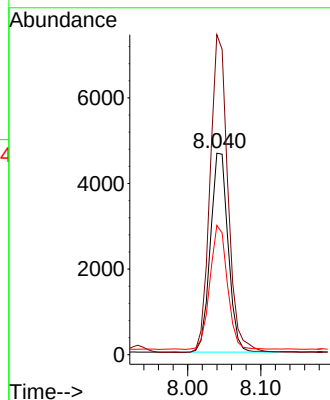
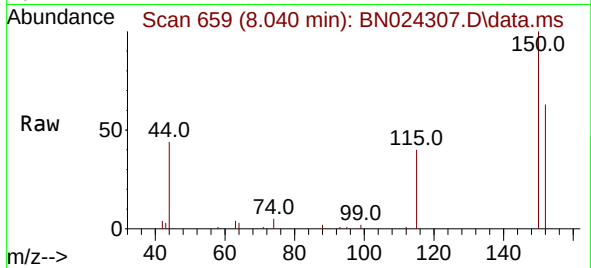




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024307.D
 Acq: 16 Mar 2023 11:51

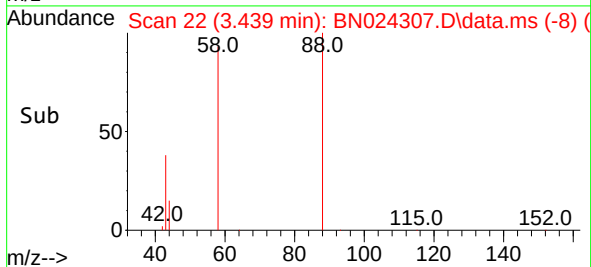
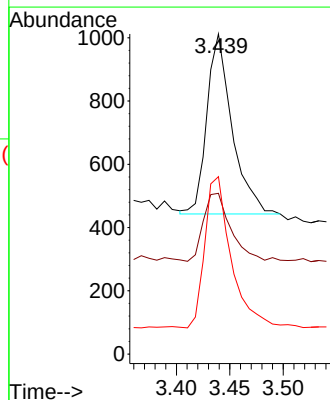
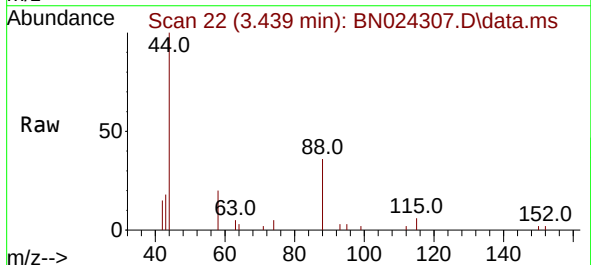
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

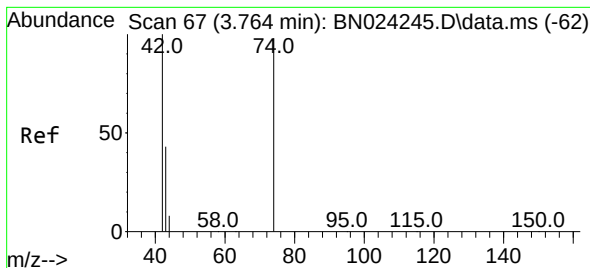
Tgt Ion:152 Resp: 7857
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.7 187.1
 115 64.1 49.1 73.7



#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

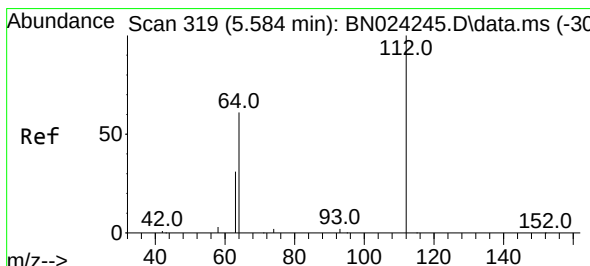
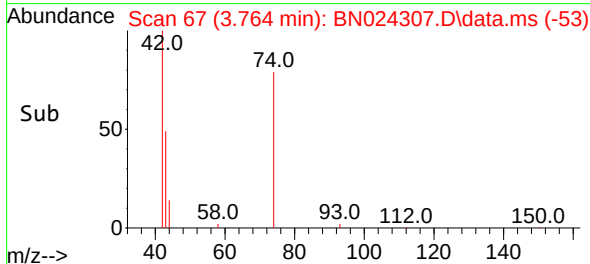
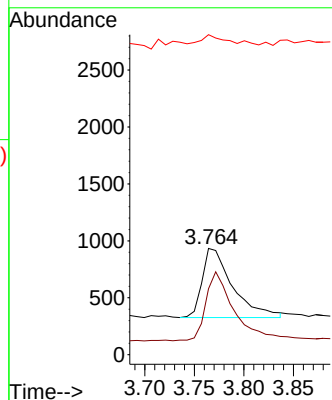
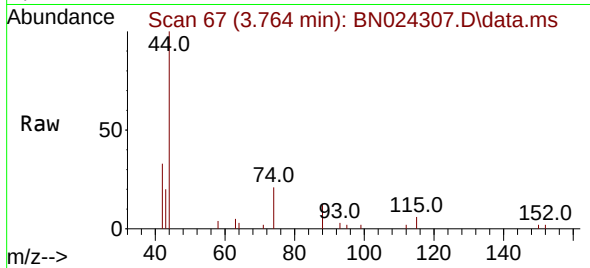




#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.764 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

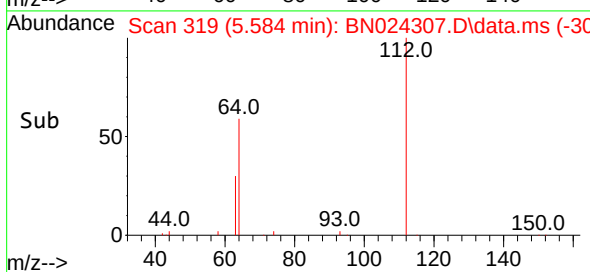
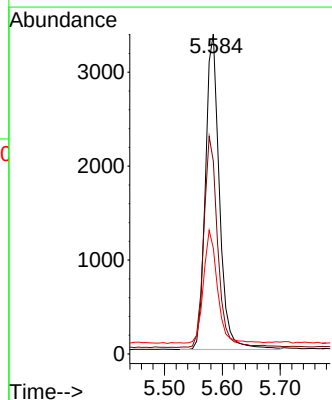
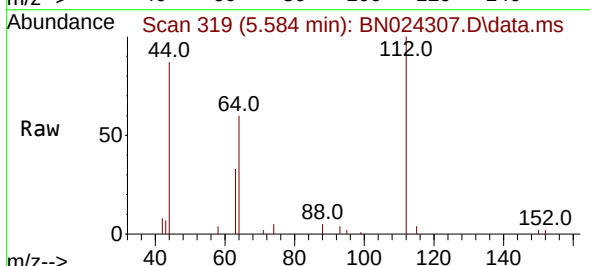
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

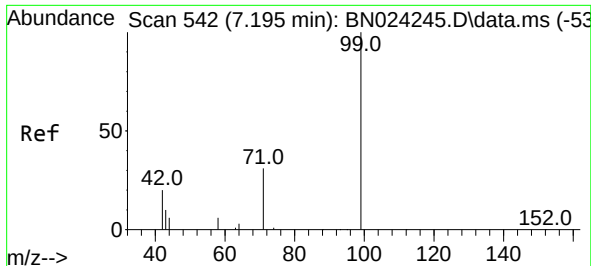
Tgt Ion: 42 Resp: 1302
Ion Ratio Lower Upper
42 100
74 91.6 81.6 122.4
44 15.1 7.3 10.9#



#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

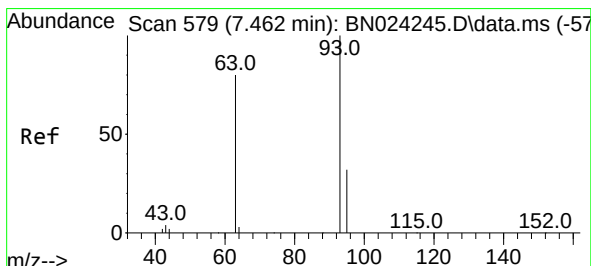
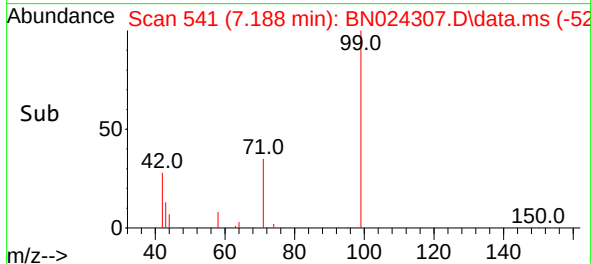
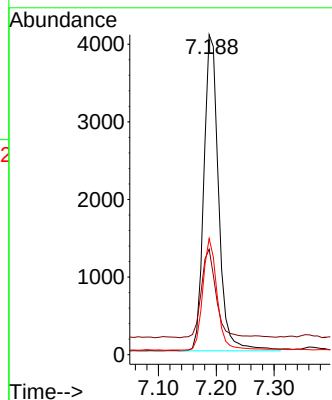
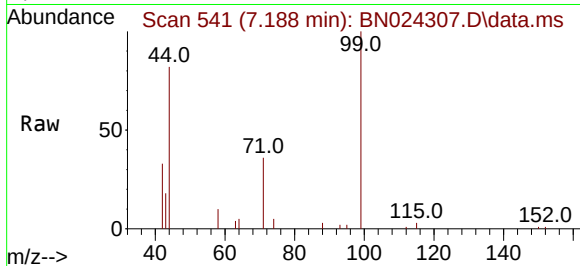




#5
Phenol-d6
Concen: 0.324 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

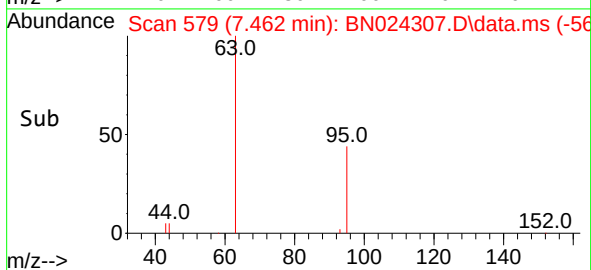
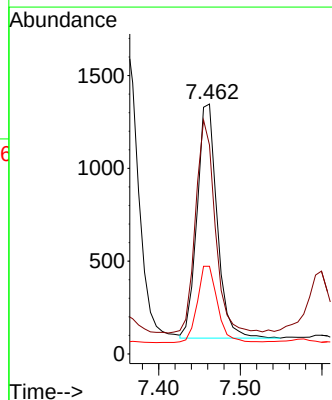
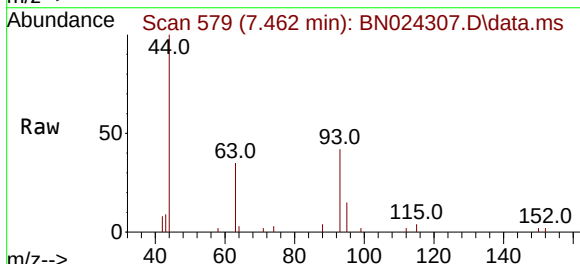
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

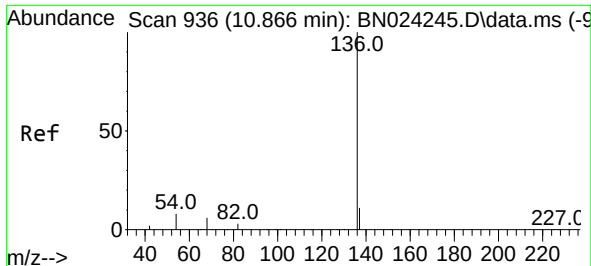
Tgt Ion:	99	Resp:	7253
Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.1	30.1
71	34.3	25.8	38.8



#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

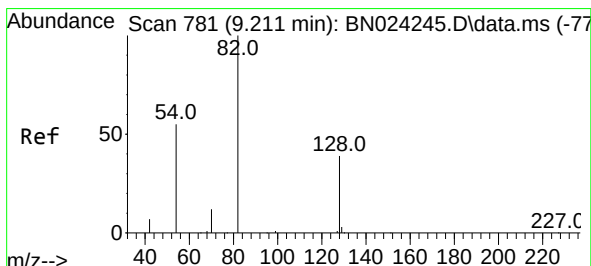
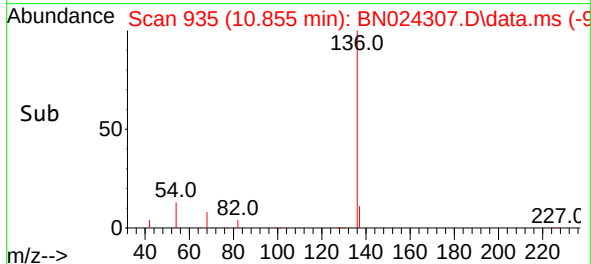
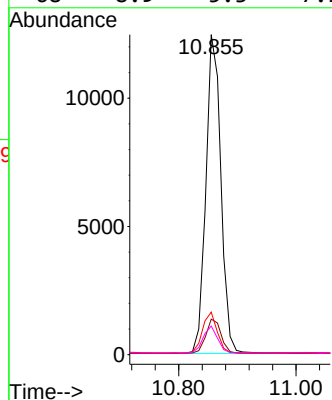
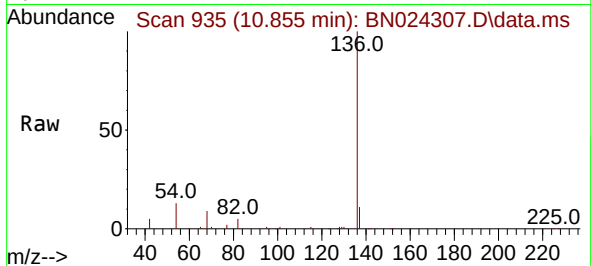




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

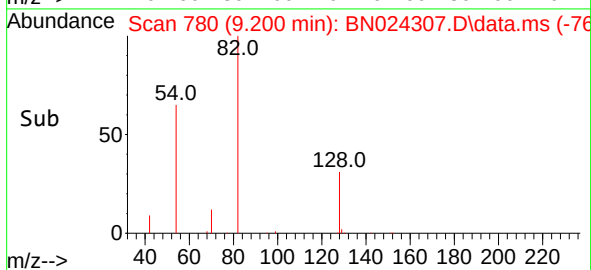
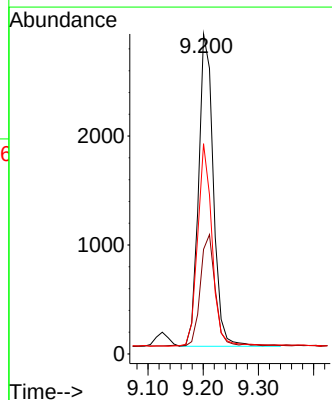
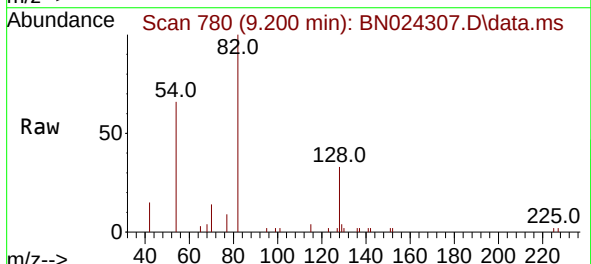
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

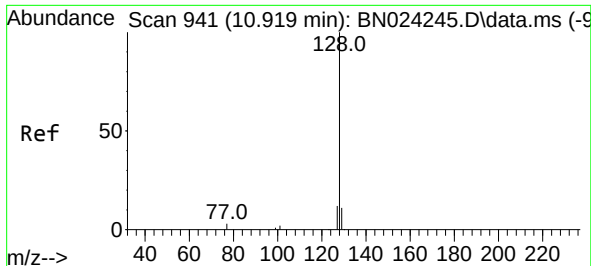
Tgt Ion:	136	Resp:	22148
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	13.3	7.1	10.7#
68	8.9	5.3	7.9#



#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

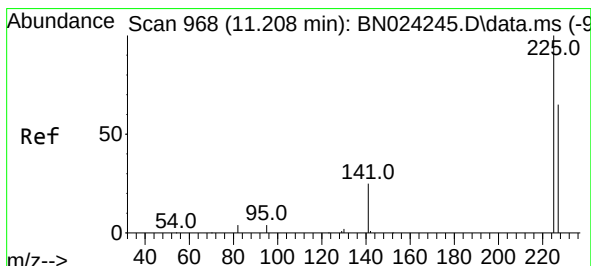
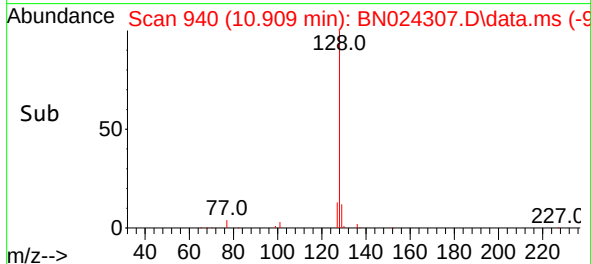
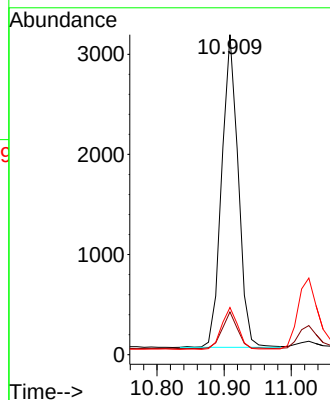
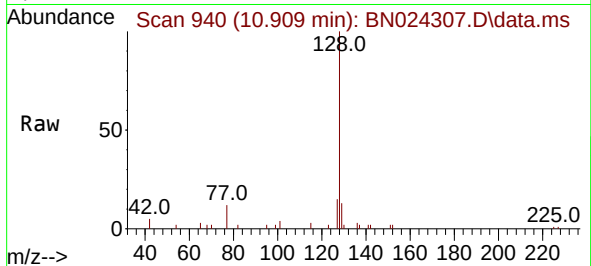




#9
Naphthalene
Concen: 0.095 ng
RT: 10.909 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

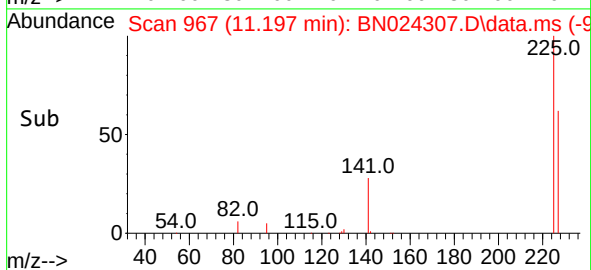
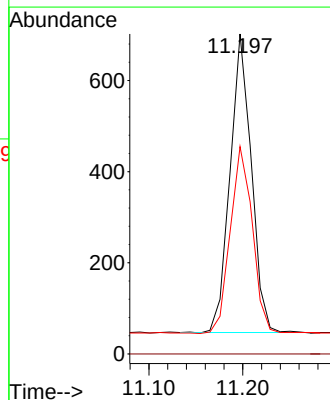
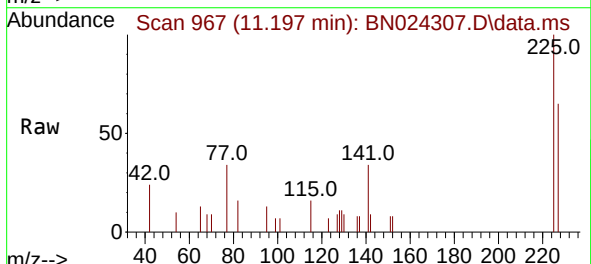
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

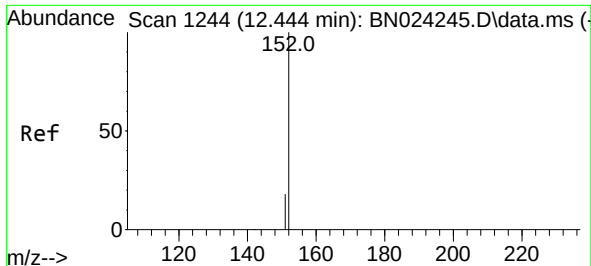
Tgt Ion:	128	Resp:	5347
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.0	13.6
127	14.8	10.2	15.4



#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

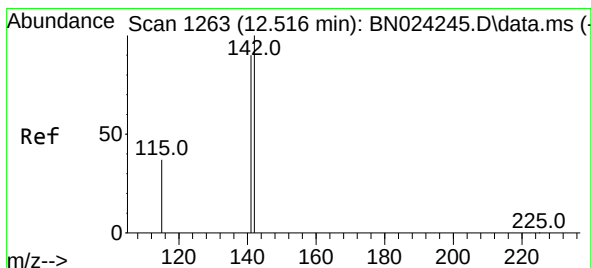
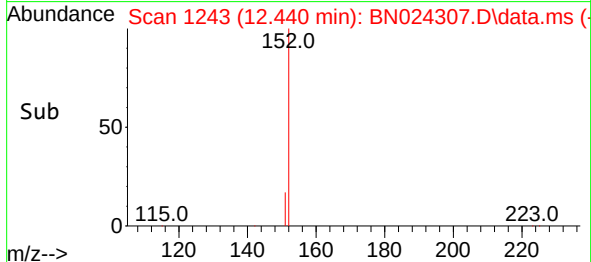
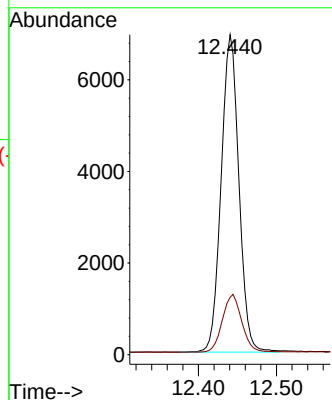
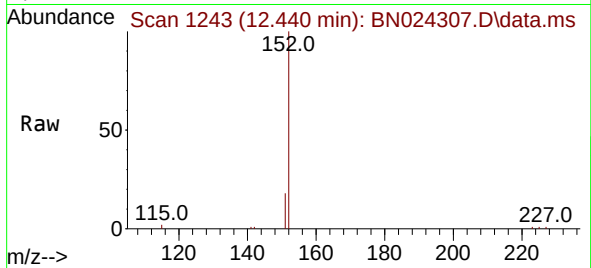




#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.440 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

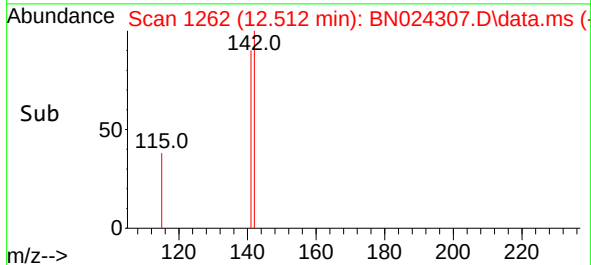
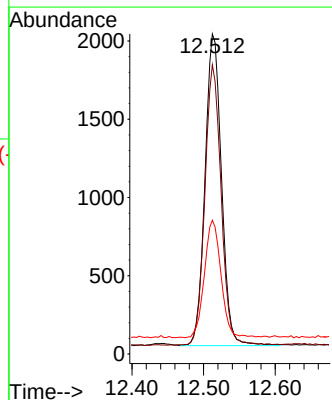
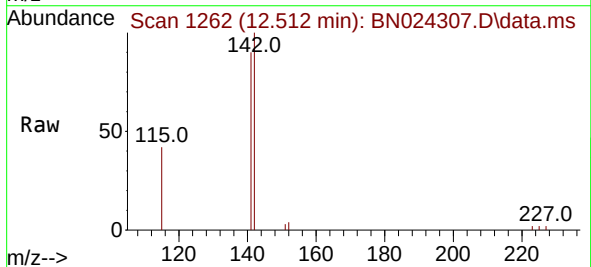
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

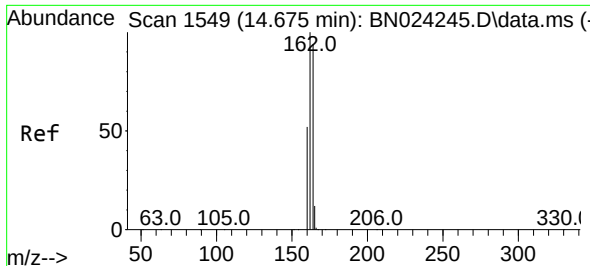
Tgt Ion:152 Resp: 10958
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2



#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

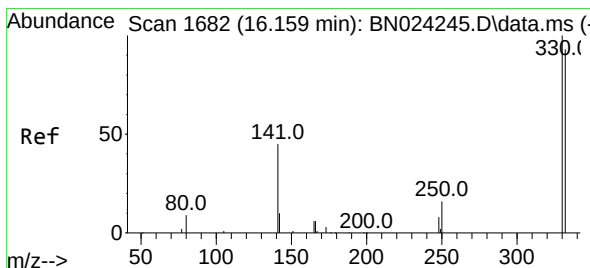
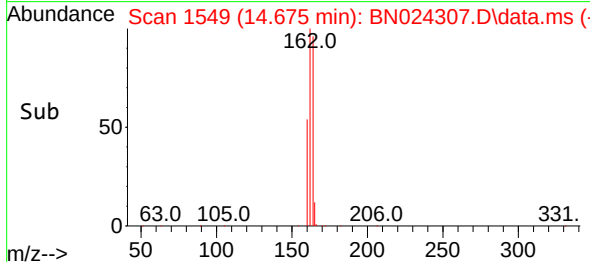
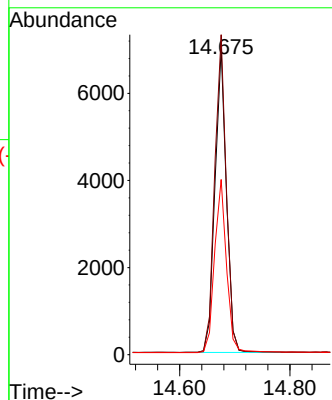
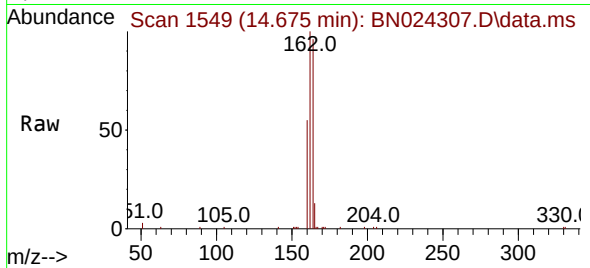




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

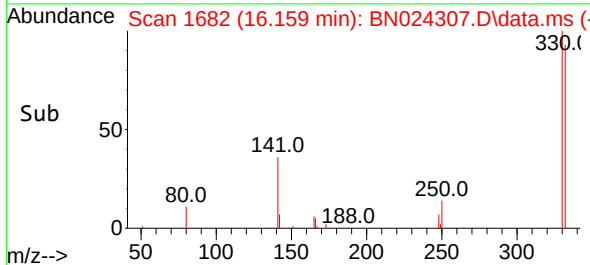
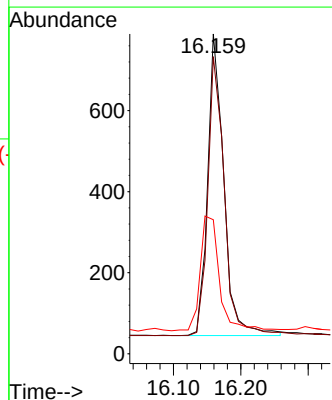
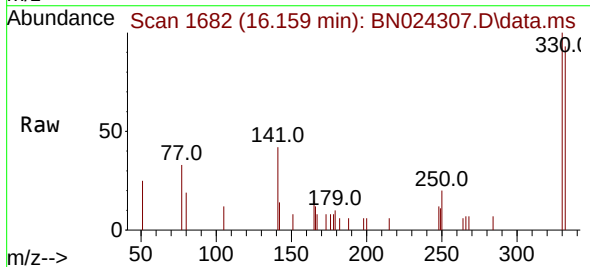
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

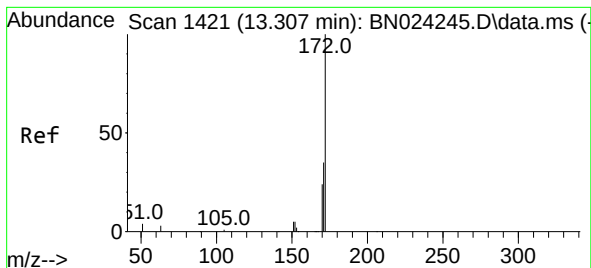
Tgt Ion:164 Resp: 10043
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 57.2 44.6 66.8



#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

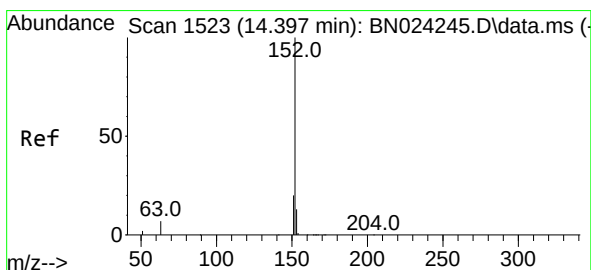
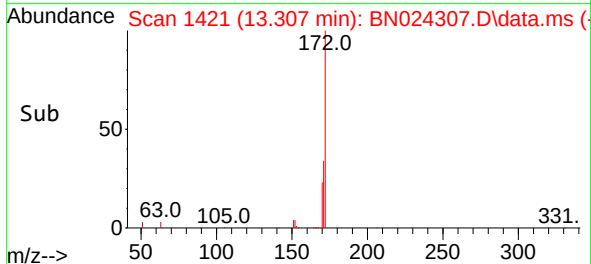
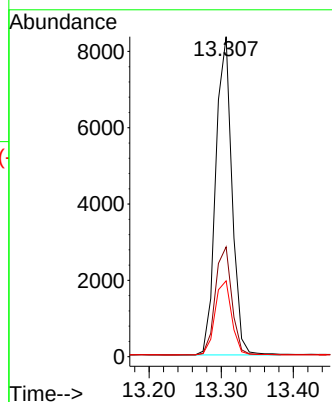
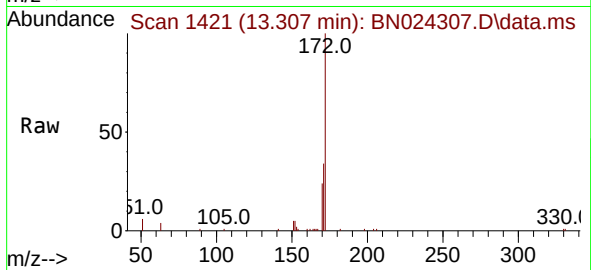
Tgt Ion:172 Resp: 13022

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

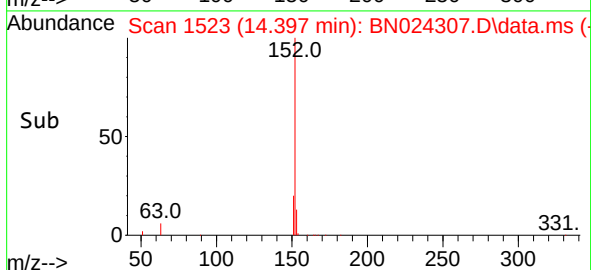
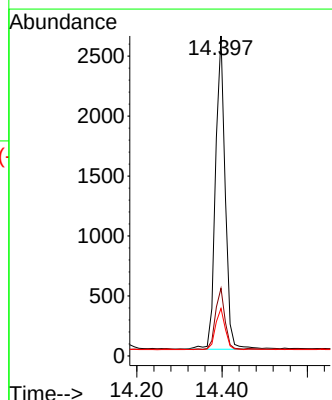
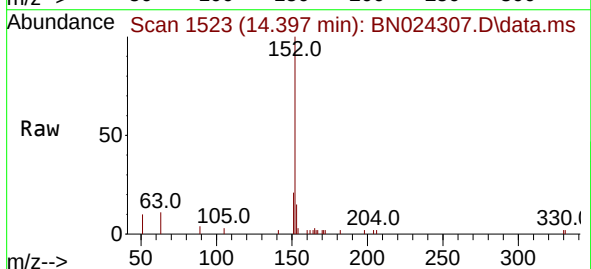
Tgt Ion:152 Resp: 4126

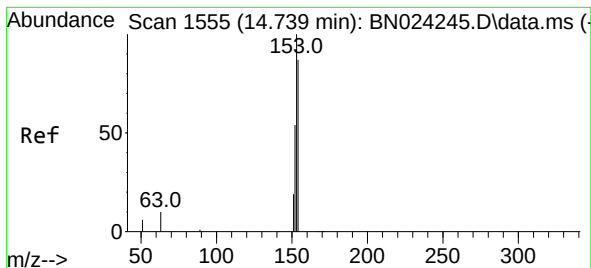
Ion Ratio Lower Upper

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

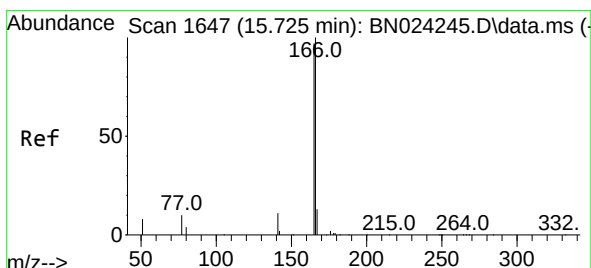
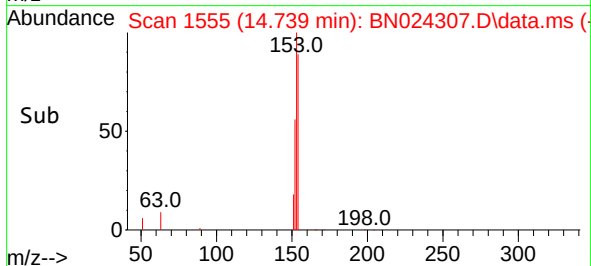
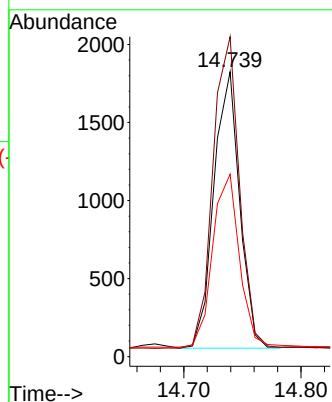
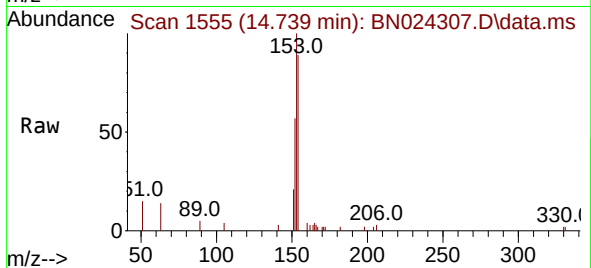
Tgt Ion:154 Resp: 2704

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

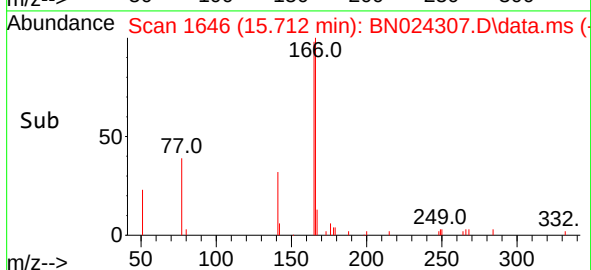
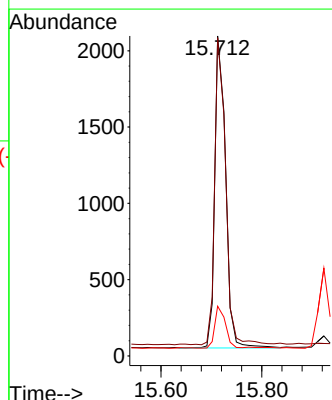
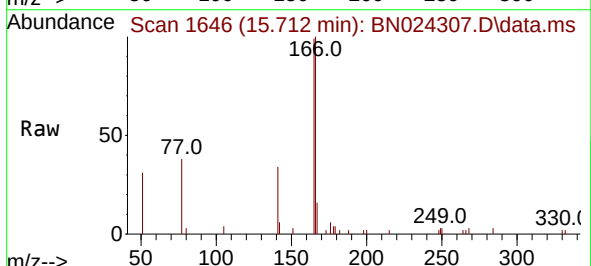
Tgt Ion:166 Resp: 3017

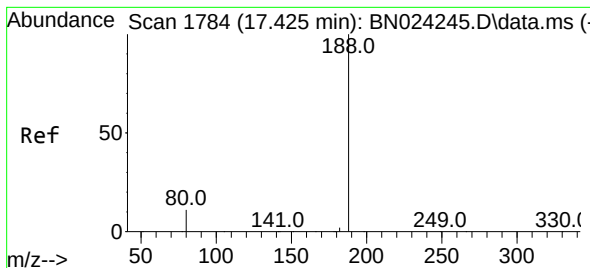
Ion Ratio Lower Upper

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

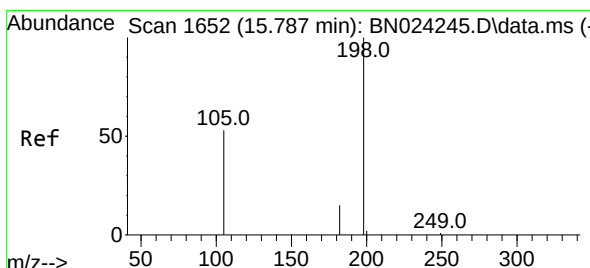
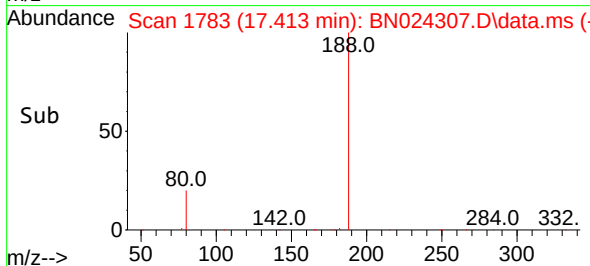
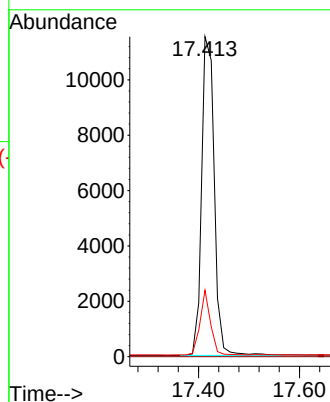
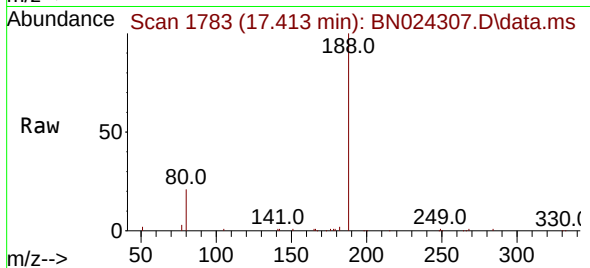
Tgt Ion:188 Resp: 20079

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

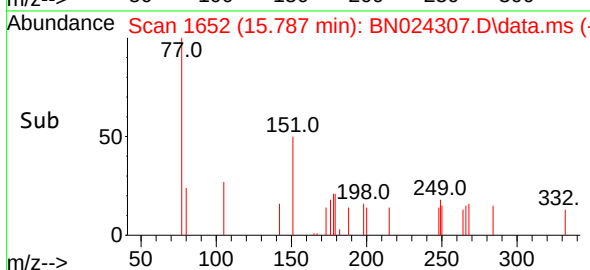
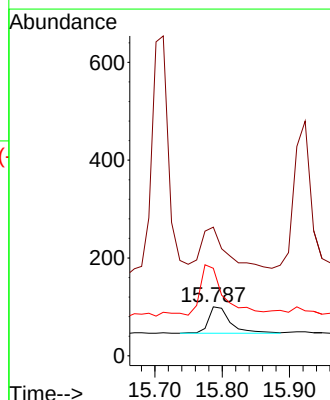
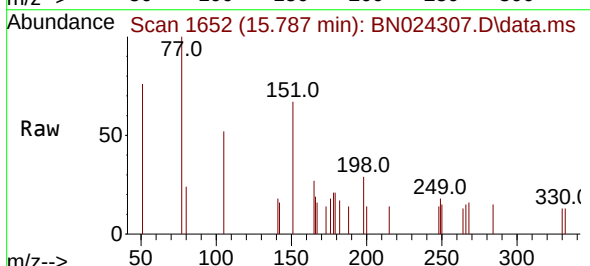
Tgt Ion:198 Resp: 122

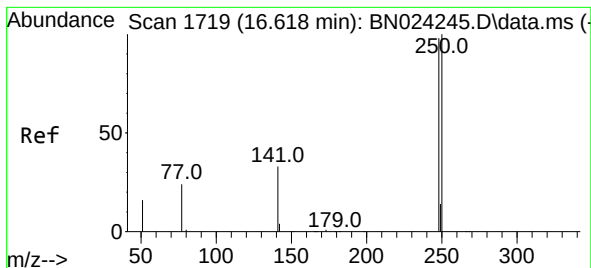
Ion Ratio Lower Upper

198 100

51 263.0 68.2 102.2#

105 179.0 51.6 77.4#

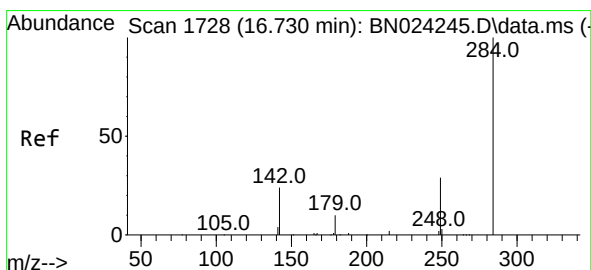
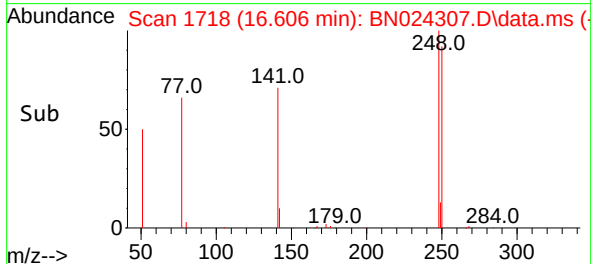
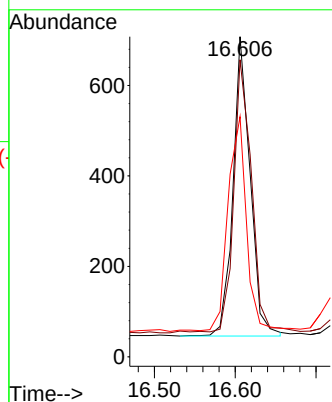
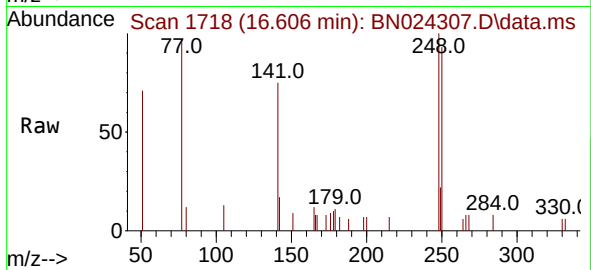




#21
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.606 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

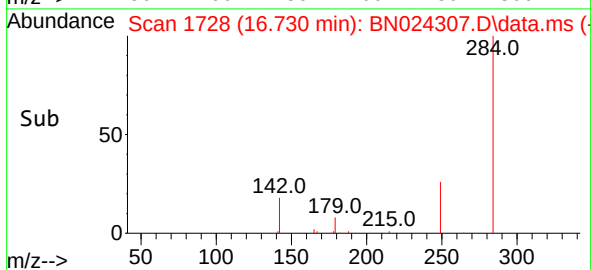
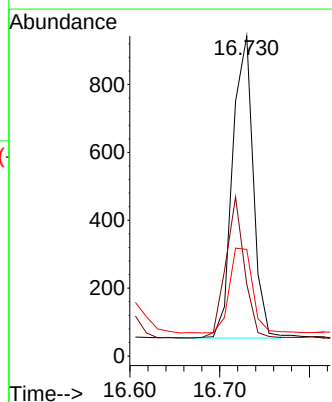
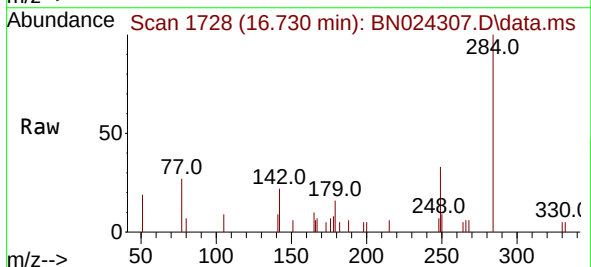
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

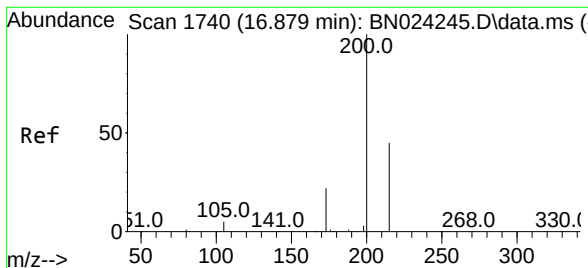
Tgt Ion:248 Resp: 977
Ion Ratio Lower Upper
248 100
250 92.8 81.9 122.9
141 75.0 28.2 42.2#



#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

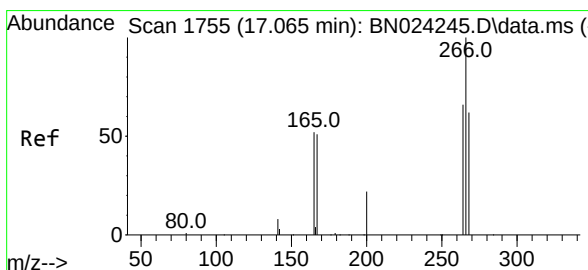
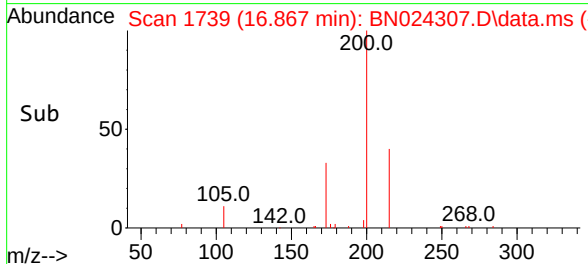
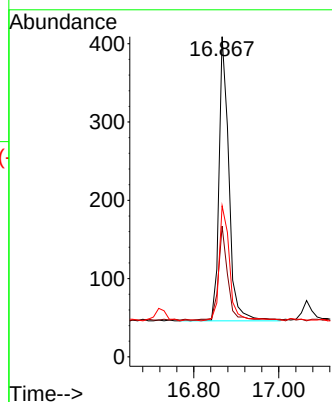
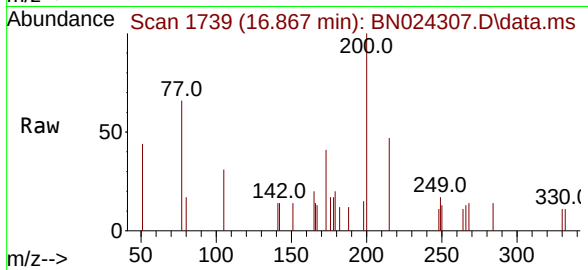
Instrument :

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

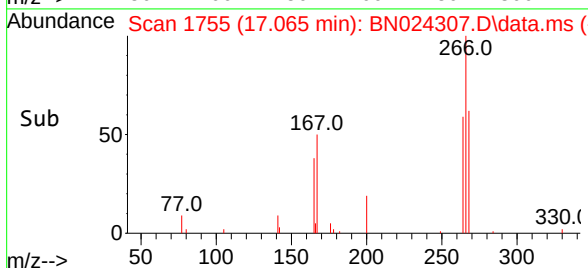
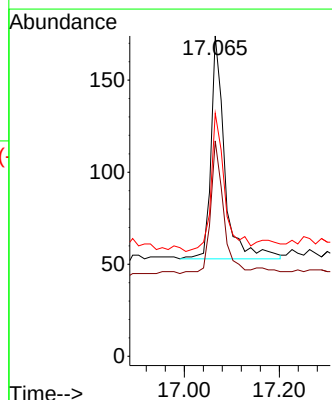
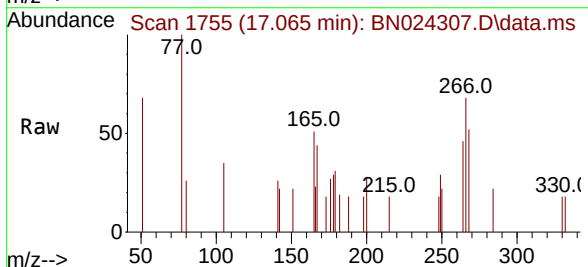
RT: 17.065 min Scan# 1755

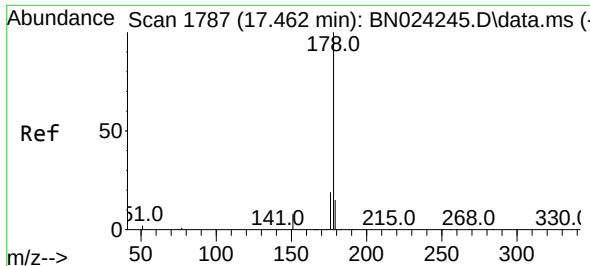
Delta R.T. 0.000 min

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

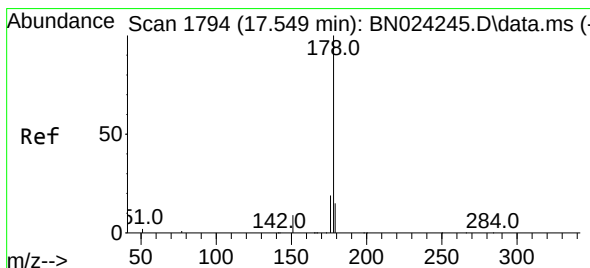
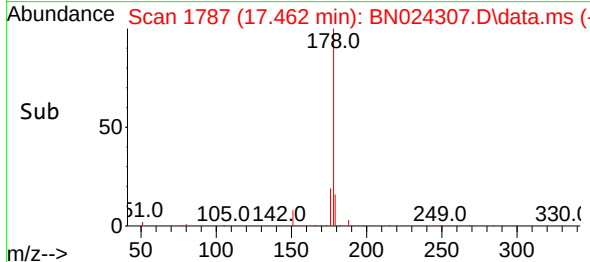
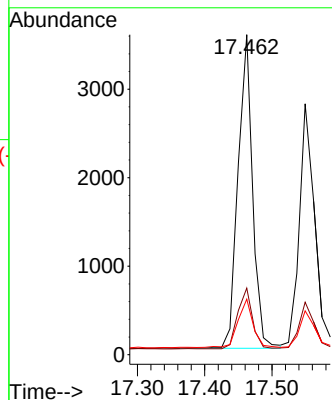
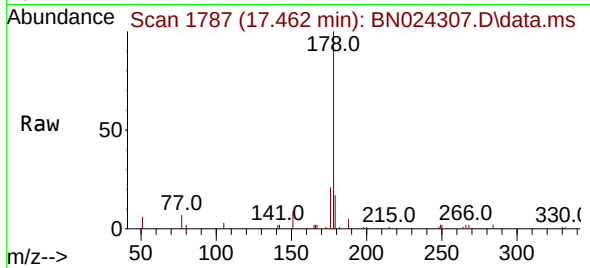




#25
Phenanthrene
Concen: 0.090 ng
RT: 17.462 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

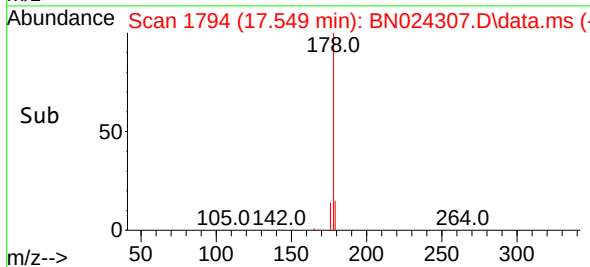
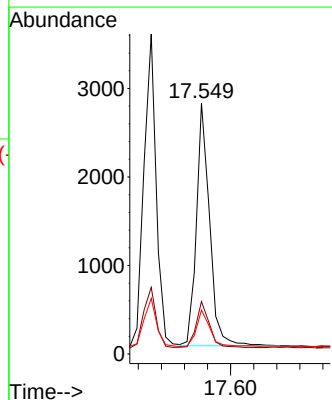
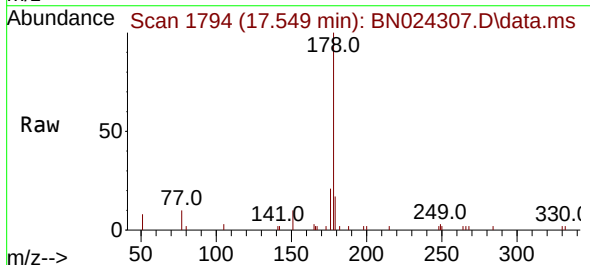
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

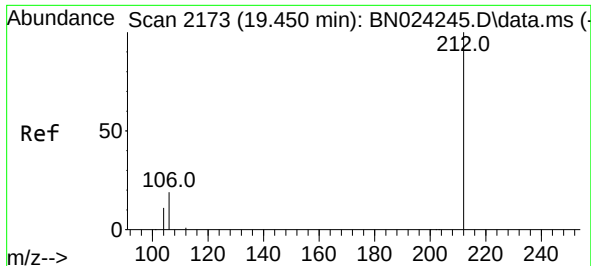
Tgt Ion:178 Resp: 5326
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.6 12.2 18.2



#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

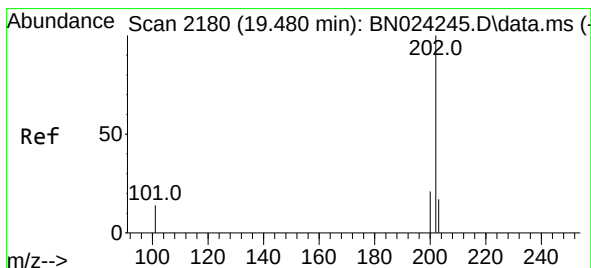
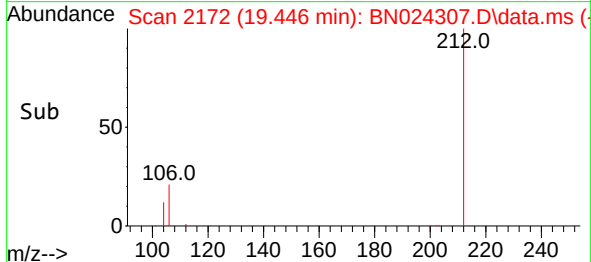
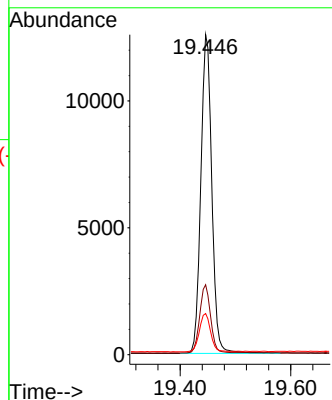
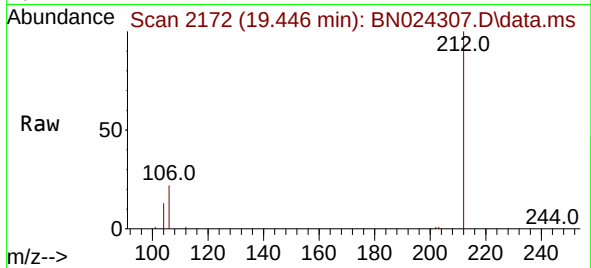




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

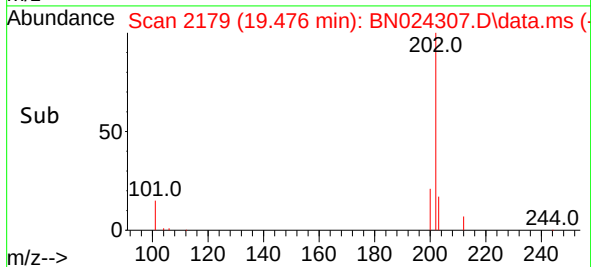
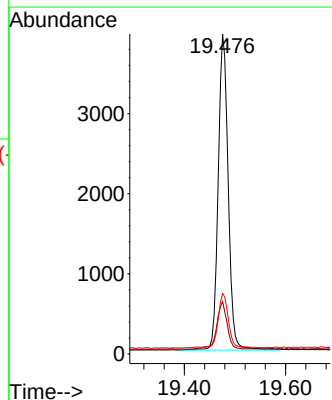
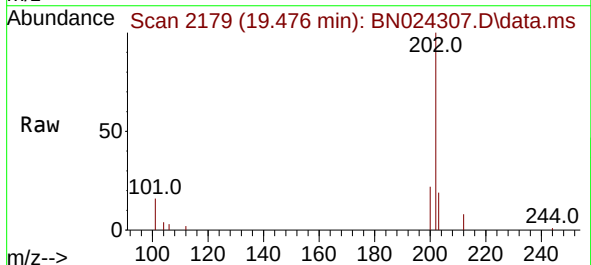
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

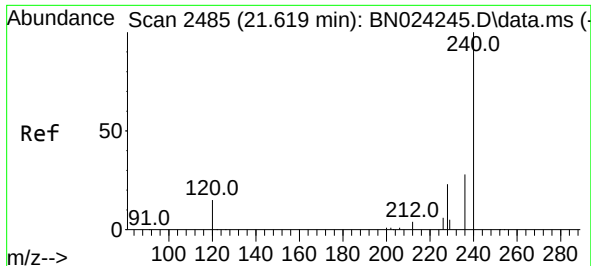
Tgt Ion:212 Resp: 17287
Ion Ratio Lower Upper
212 100
106 21.1 15.4 23.2
104 12.2 8.6 13.0



#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

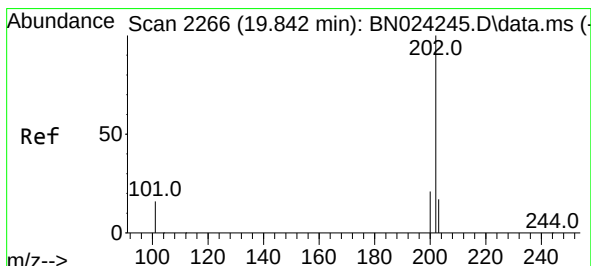
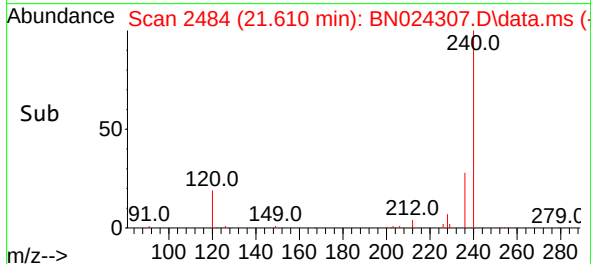
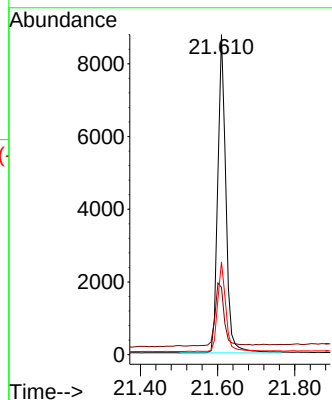
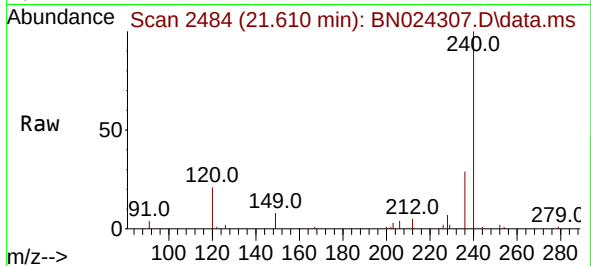




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

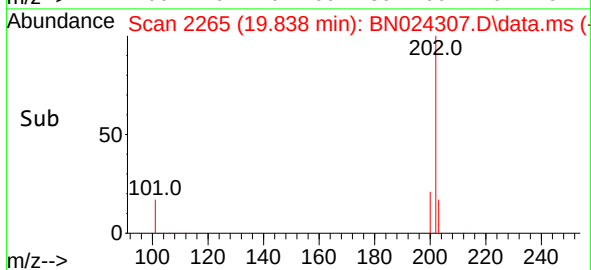
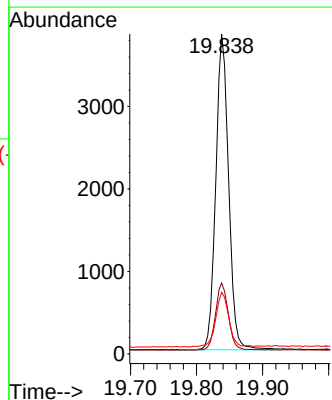
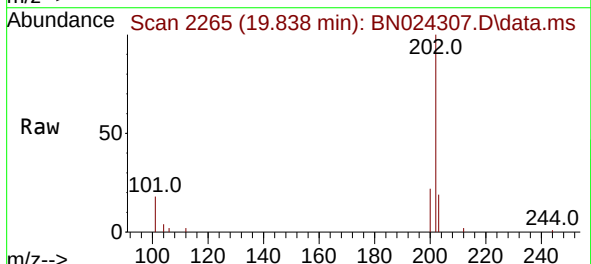
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

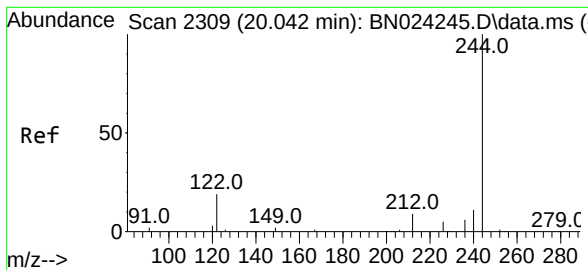
Tgt Ion	Ratio	Lower	Upper
240	100		
120	21.0	12.8	19.2#
236	29.0	22.5	33.7



#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	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

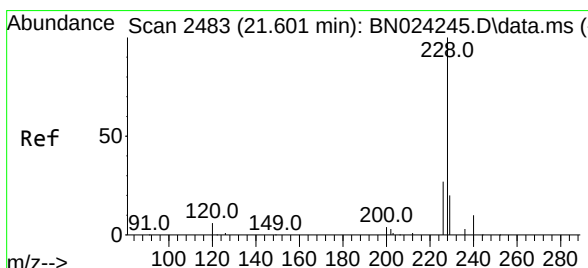
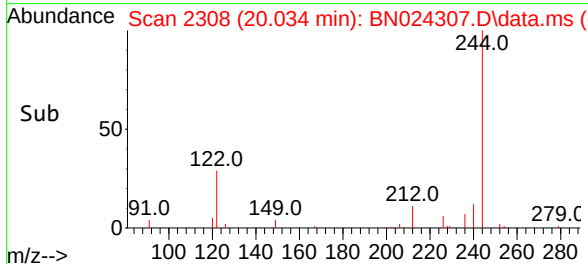
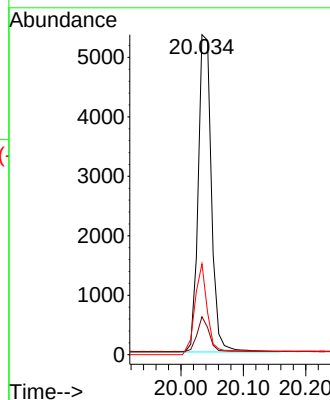
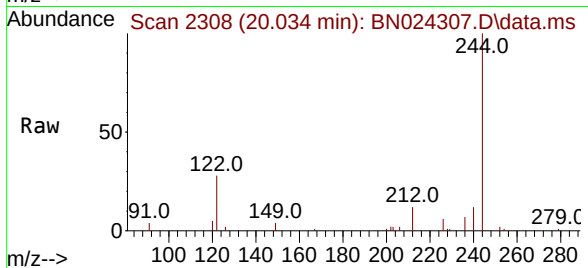
Tgt Ion:244 Resp: 7413

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

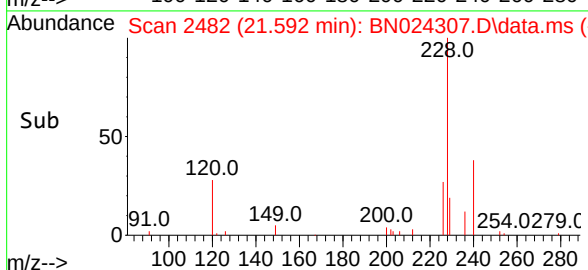
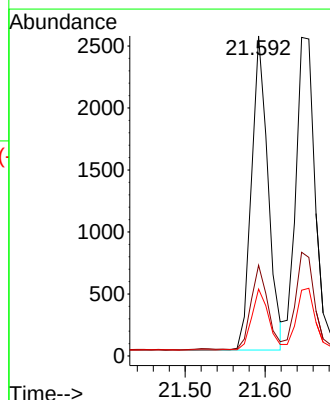
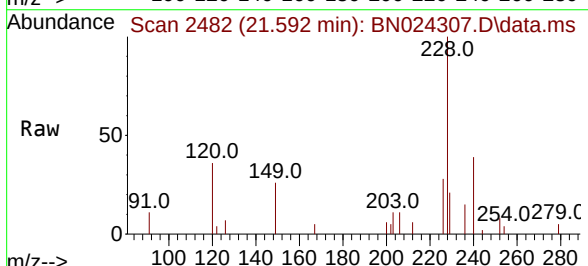
Tgt Ion:228 Resp: 3648

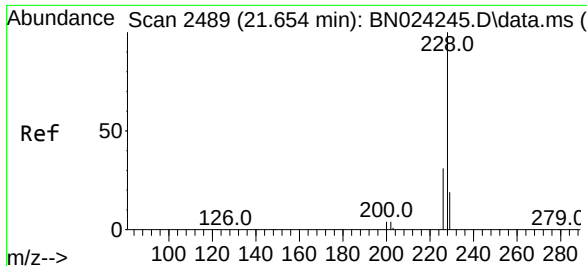
Ion Ratio Lower Upper

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

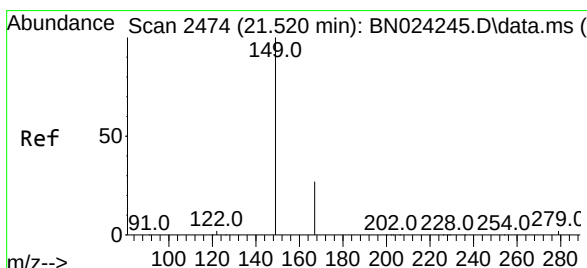
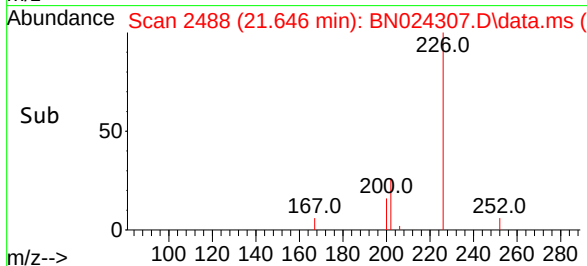
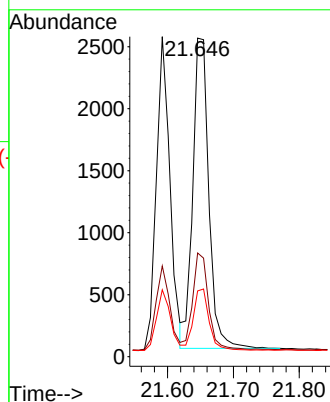
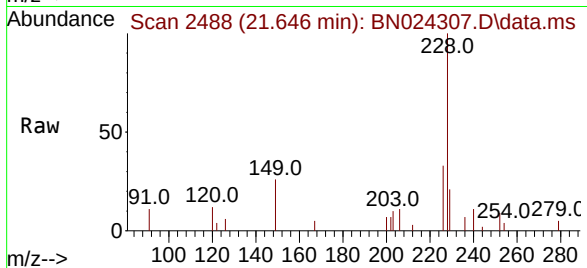
Tgt Ion:228 Resp: 4230

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

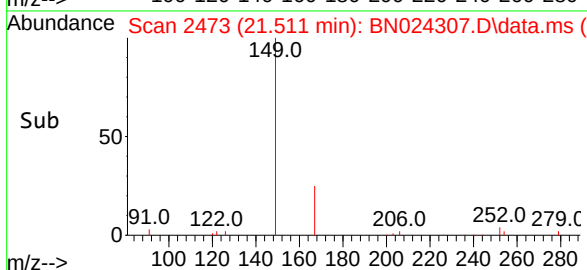
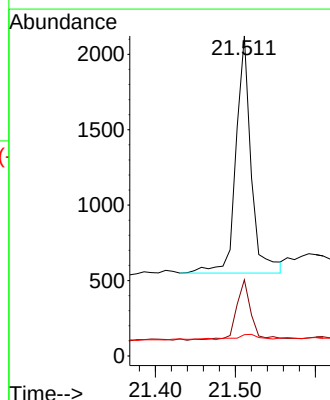
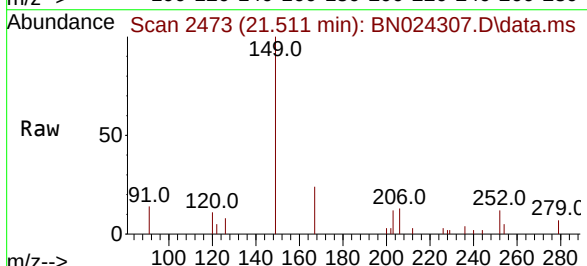
Tgt Ion:149 Resp: 2078

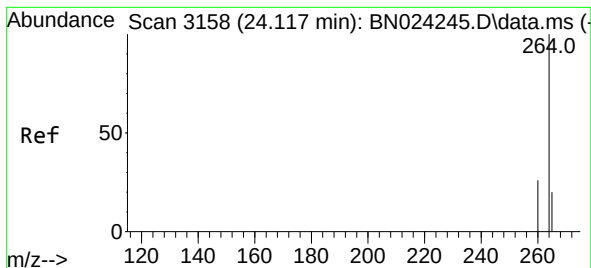
Ion Ratio Lower Upper

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

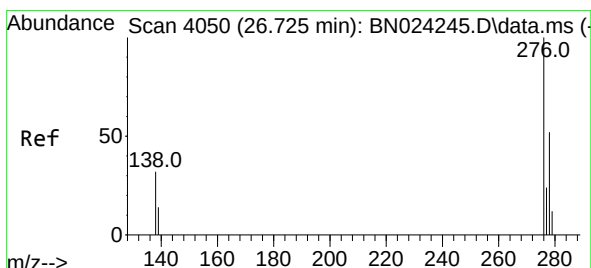
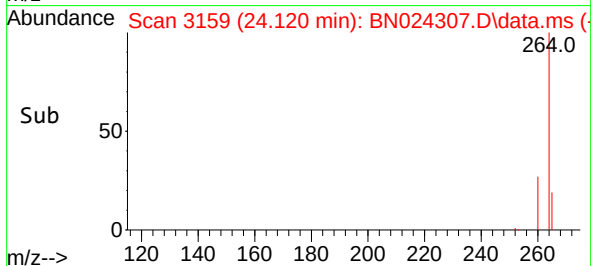
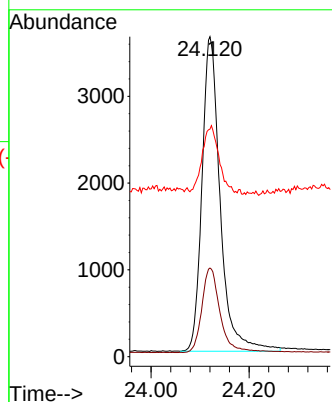
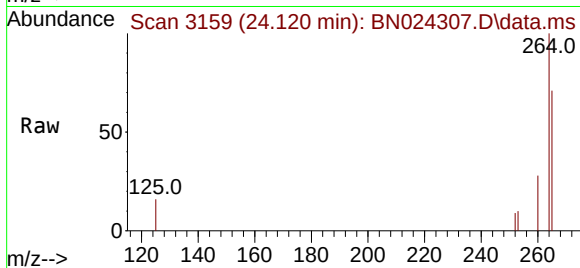
Tgt Ion:264 Resp: 9326

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

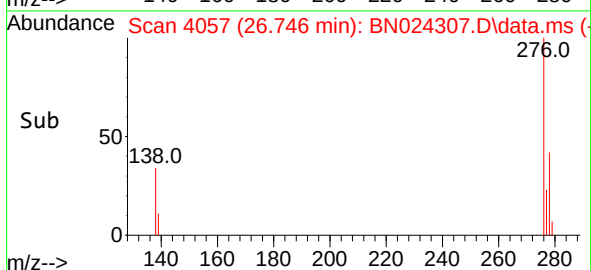
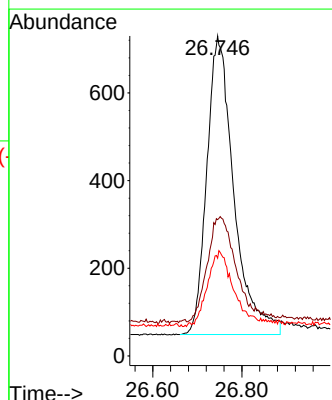
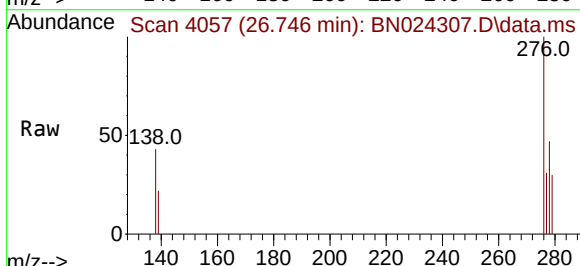
Tgt Ion:276 Resp: 2868

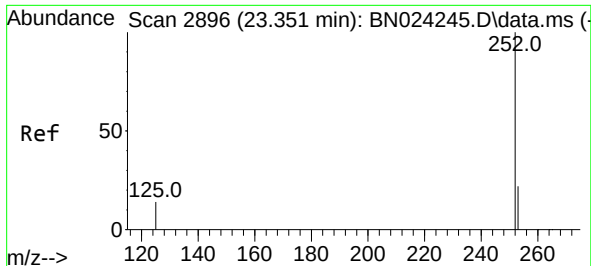
Ion Ratio Lower Upper

276 100

138 36.3 27.4 41.2

277 23.5 19.8 29.6

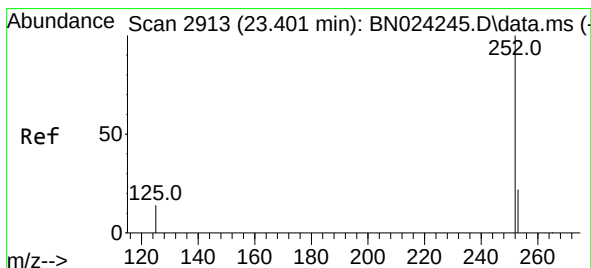
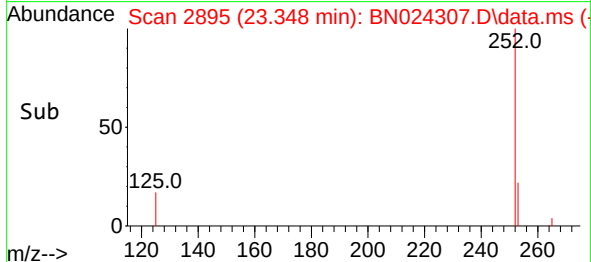
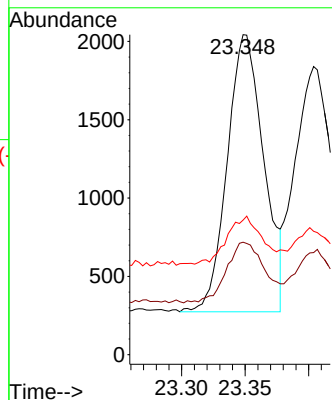
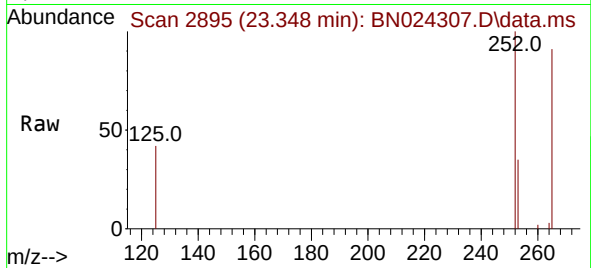




#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.348 min Scan# 2895
Delta R.T. 0.006 min
Lab File: BN024307.D
Acq: 16 Mar 2023 11:51

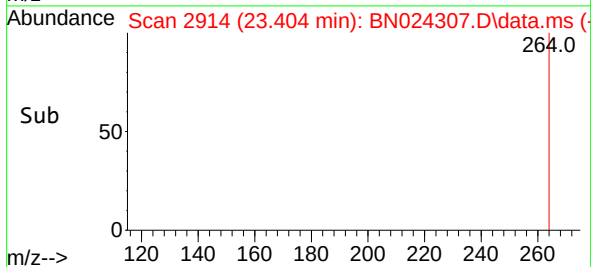
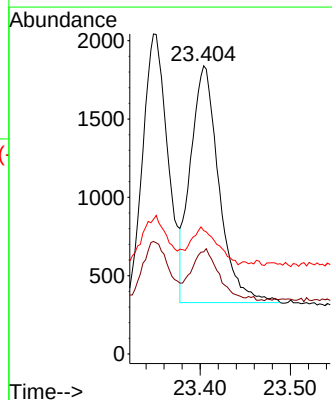
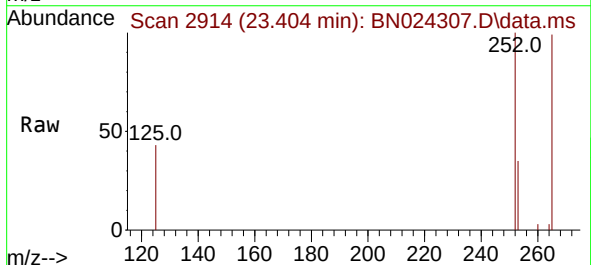
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

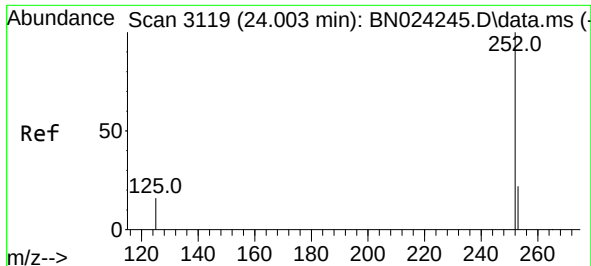
Tgt Ion:252 Resp: 3546
Ion Ratio Lower Upper
252 100
253 35.1 18.9 28.3#
125 42.0 13.8 20.6#



#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

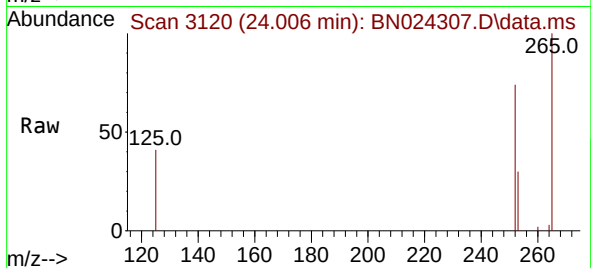
Acq: 16 Mar 2023 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2022



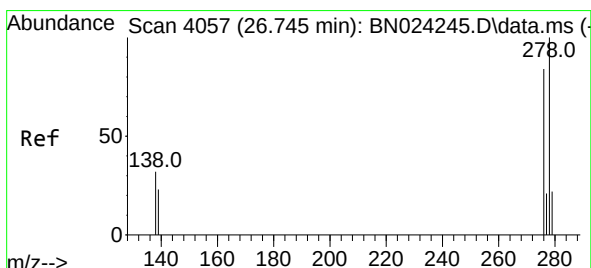
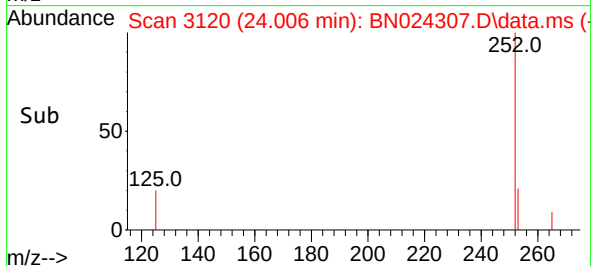
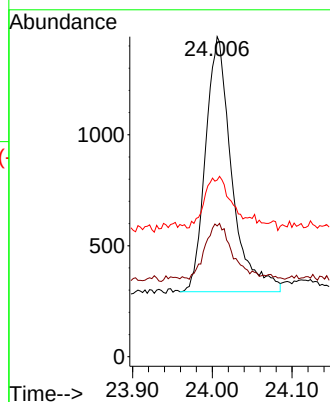
Tgt Ion:252 Resp: 2617

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

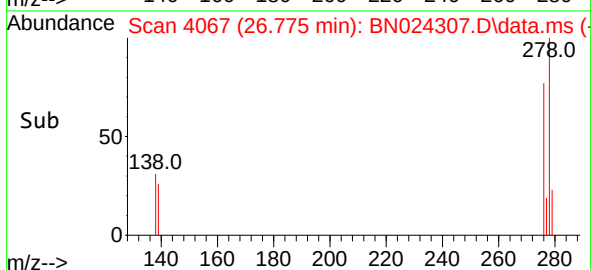
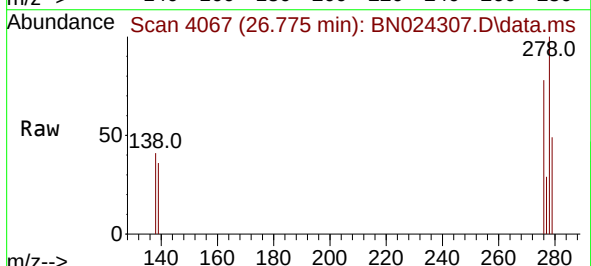
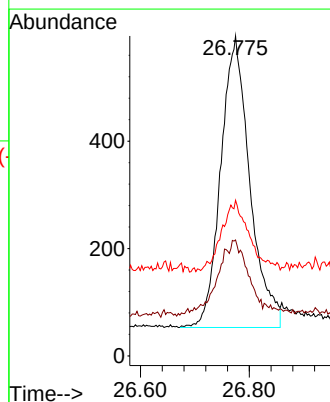
Tgt Ion:278 Resp: 2012

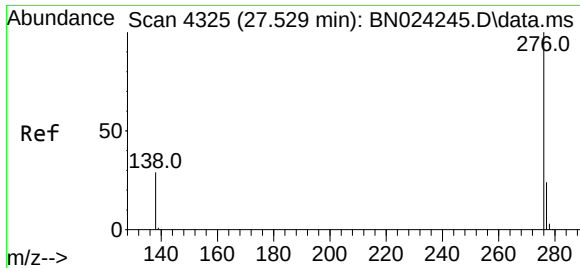
Ion Ratio Lower Upper

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

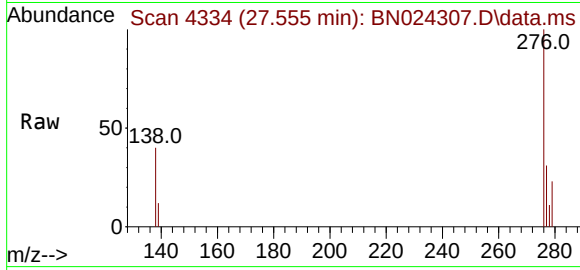
Acq: 16 Mar 2023 11:51

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#

