

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
 Data File : BN023713.D
 Acq On : 19 Jan 2023 11:29
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Jan 20 04:32:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 04:31:55 2023
 Response via : Initial Calibration

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

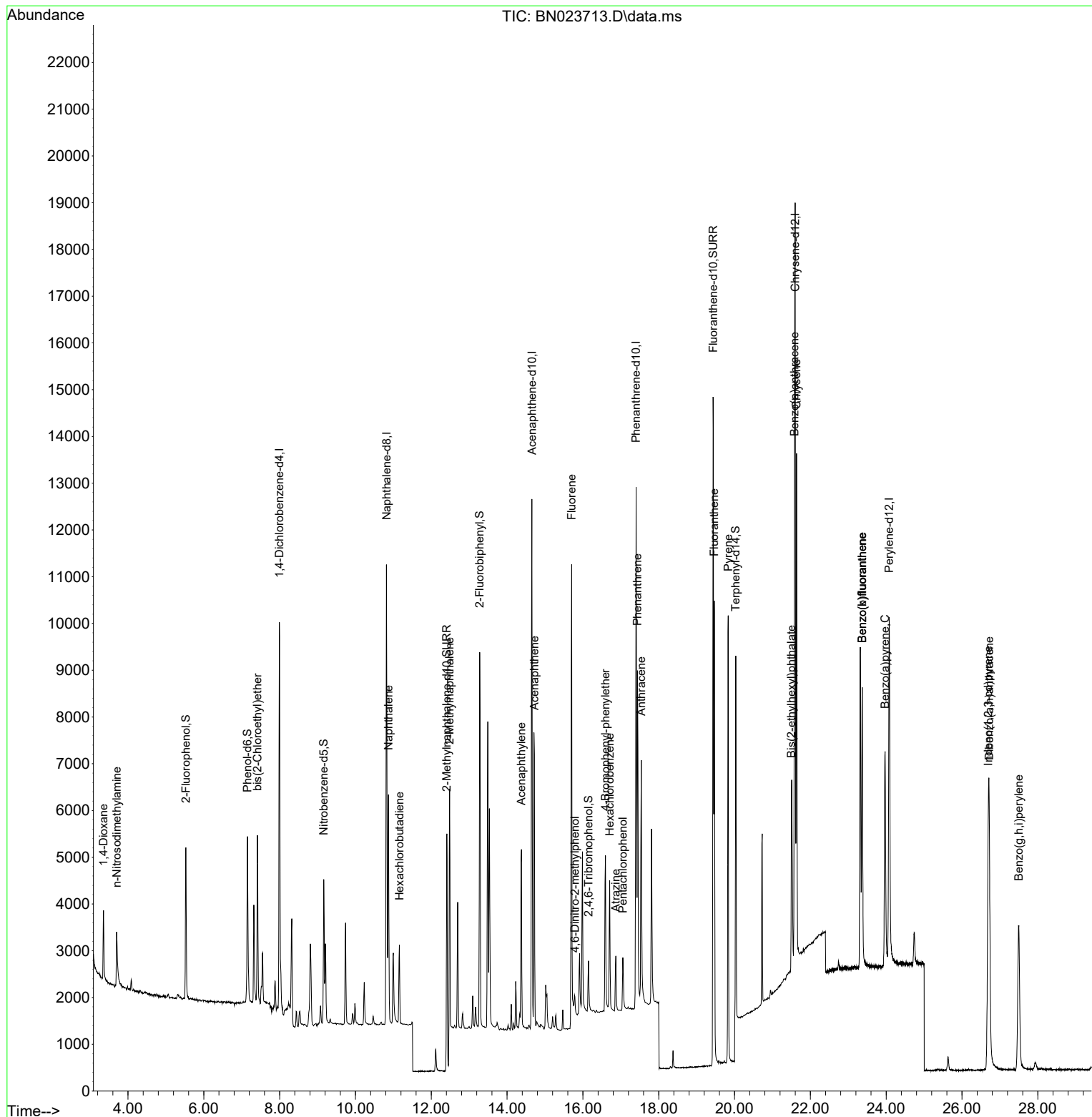
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	4150	0.400	ng	0.00
7) Naphthalene-d8	10.818	136	12172	0.400	ng	0.00
13) Acenaphthene-d10	14.655	164	6286	0.400	ng	0.01
19) Phenanthrene-d10	17.402	188	15161	0.400	ng	0.00
29) Chrysene-d12	21.598	240	13170	0.400	ng	0.00
35) Perylene-d12	24.079	264	11336	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	2764	0.317	ng	0.00
5) Phenol-d6	7.154	99	3287	0.317	ng	0.00
8) Nitrobenzene-d5	9.163	82	2444	0.254	ng	0.00
11) 2-Methylnaphthalene-d10	12.408	152	8331	0.495	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	706	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.276	172	7112	0.266	ng	0.00
27) Fluoranthene-d10	19.435	212	15373	0.432	ng	0.00
31) Terphenyl-d14	20.031	244	6120	0.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	934	0.212	ng	98
3) n-Nitrosodimethylamine	3.701	42	1051	0.204	ng	100
6) bis(2-Chloroethyl)ether	7.414	93	2569	0.240	ng	98
9) Naphthalene	10.872	128	6323	0.201	ng	98
10) Hexachlorobutadiene	11.160	225	1302	0.204	ng	# 100
12) 2-Methylnaphthalene	12.484	142	4522	0.204	ng	97
16) Acenaphthylene	14.377	152	4622	0.181	ng	100
17) Acenaphthene	14.720	154	3185	0.178	ng	99
18) Fluorene	15.703	166	4280	0.169	ng	99
20) 4,6-Dinitro-2-methylph...	15.788	198	315	0.147	ng	# 65
21) 4-Bromophenyl-phenylether	16.595	248	1484	0.171	ng	95
22) Hexachlorobenzene	16.707	284	1998	0.188	ng	99
23) Atrazine	16.868	200	1074	0.173	ng	# 96
24) Pentachlorophenol	17.054	266	612	0.169	ng	99
25) Phenanthrene	17.439	178	7855	0.178	ng	99
26) Anthracene	17.538	178	6336	0.178	ng	100
28) Fluoranthene	19.464	202	8804	0.183	ng	100
30) Pyrene	19.831	202	8637	0.177	ng	100
32) Benzo(a)anthracene	21.580	228	7116	0.170	ng	99
33) Chrysene	21.634	228	8681	0.185	ng	99
34) Bis(2-ethylhexyl)phtha...	21.500	149	3560	0.191	ng	98
36) Indeno(1,2,3-cd)pyrene	26.693	276	9114	0.180	ng	99
37) Benzo(b)fluoranthene	23.366	252	8371	0.178	ng	95
38) Benzo(k)fluoranthene	23.366	252	8202	0.172	ng	# 95
39) Benzo(a)pyrene	23.968	252	7351	0.212	ng	# 86
40) Dibenzo(a,h)anthracene	26.717	278	7441	0.182	ng	95
41) Benzo(g,h,i)perylene	27.497	276	7339	0.170	ng	98

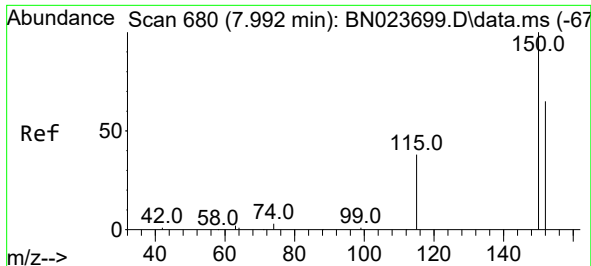
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
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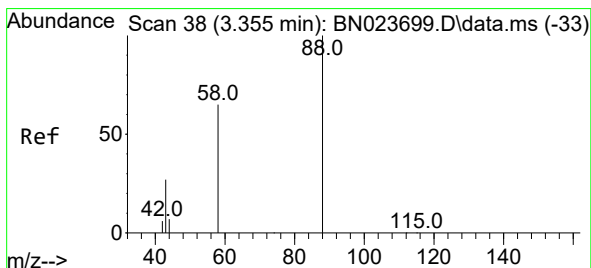
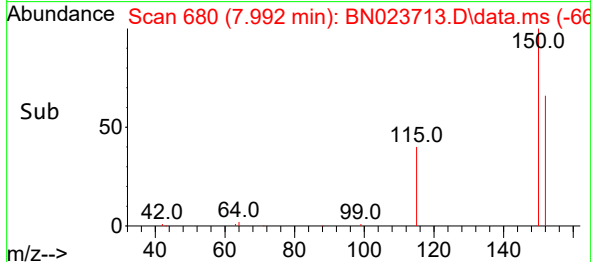
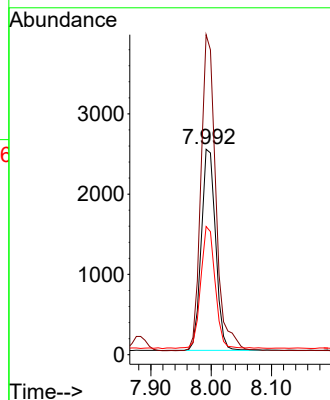
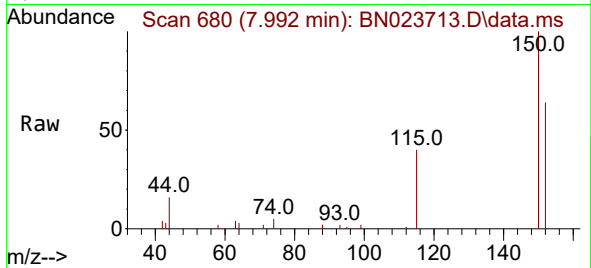




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.992 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023713.D
 Acq: 19 Jan 2023 11:29

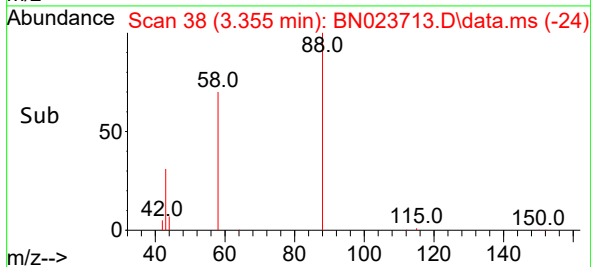
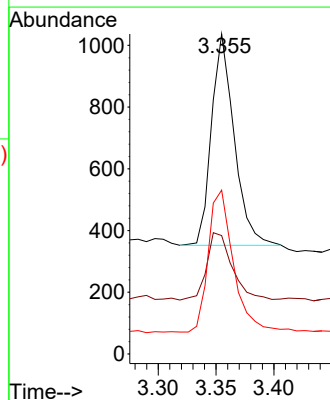
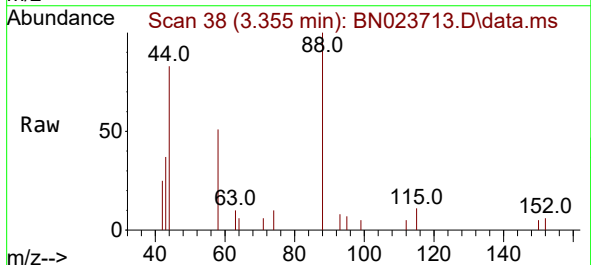
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

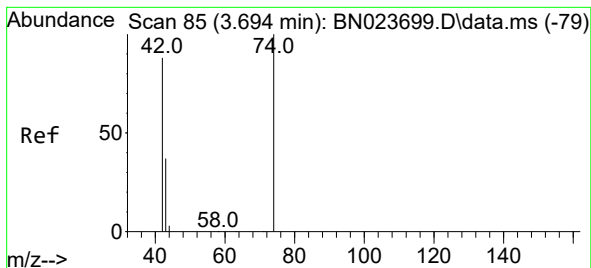
Tgt Ion:152 Resp: 4150
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.4 183.6
 115 62.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.212 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN023713.D
 Acq: 19 Jan 2023 11:29

Tgt Ion: 88 Resp: 934
 Ion Ratio Lower Upper
 88 100
 43 35.5 26.8 40.2
 58 74.1 58.5 87.7





#3

n-Nitrosodimethylamine

Concen: 0.204 ng

RT: 3.701 min Scan# 80

Delta R.T. 0.007 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

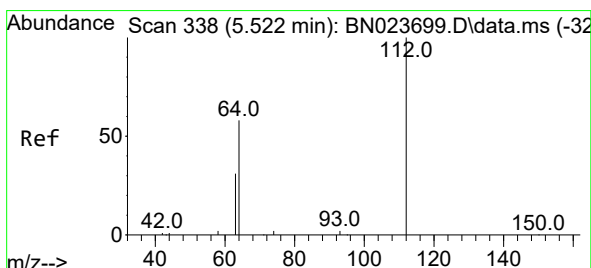
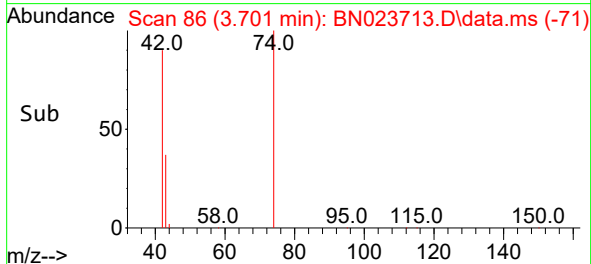
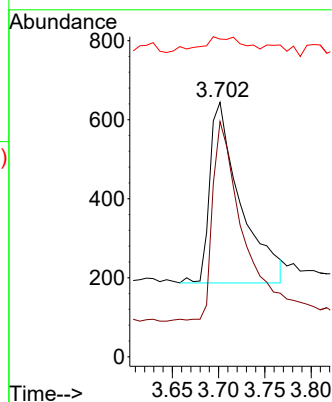
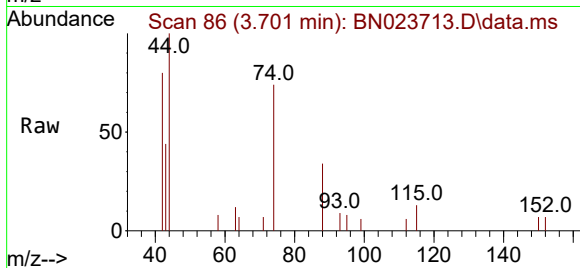
Tgt Ion: 42 Resp: 1051

Ion Ratio Lower Upper

42 100

74 108.8 87.4 131.2

44 11.8 9.4 14.2



#4

2-Fluorophenol

Concen: 0.317 ng

RT: 5.529 min Scan# 339

Delta R.T. 0.007 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

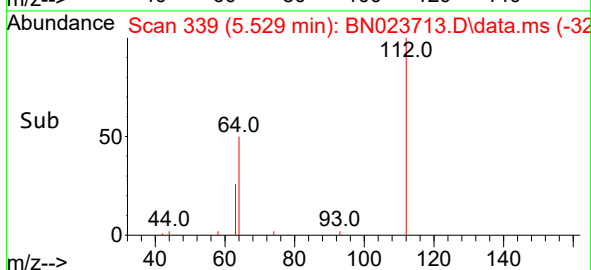
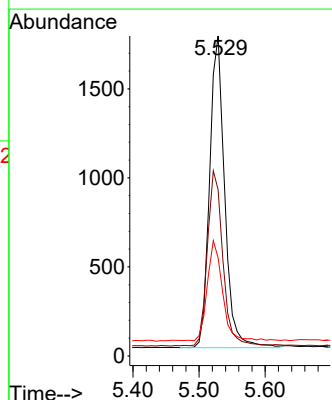
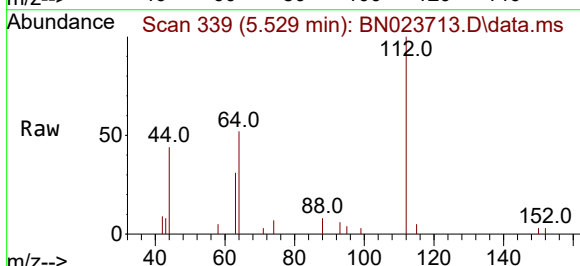
Tgt Ion: 112 Resp: 2764

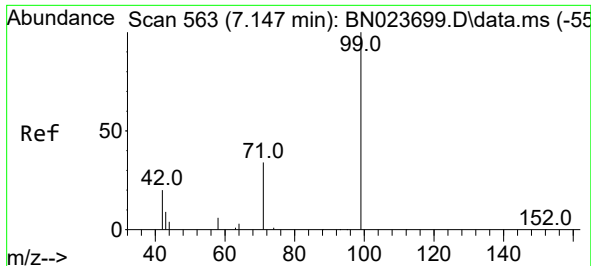
Ion Ratio Lower Upper

112 100

64 57.5 45.8 68.8

63 32.2 25.3 37.9

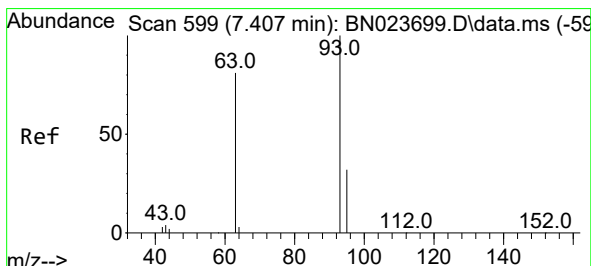
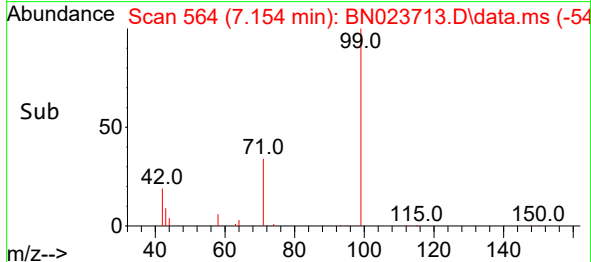
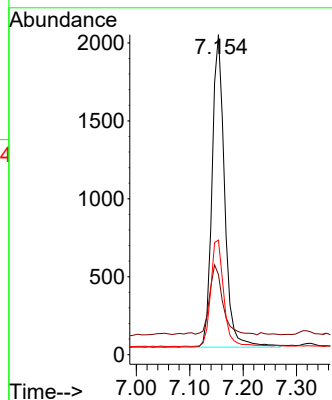
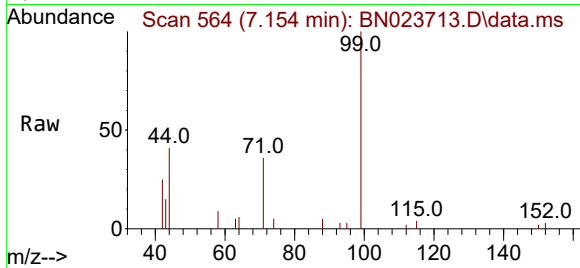




#5
Phenol-d6
Concen: 0.317 ng
RT: 7.154 min Scan# 500
Delta R.T. 0.007 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

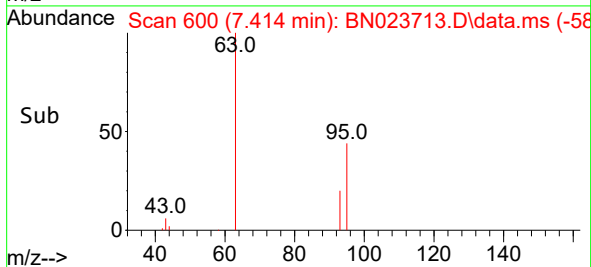
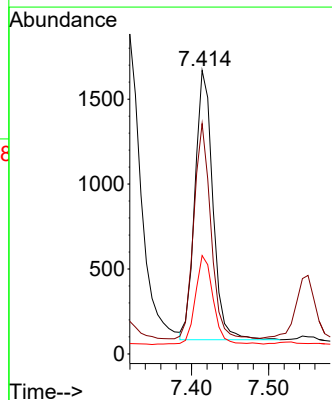
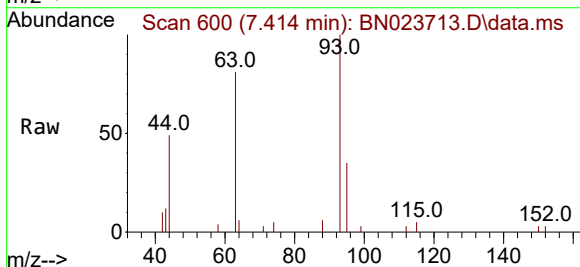
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

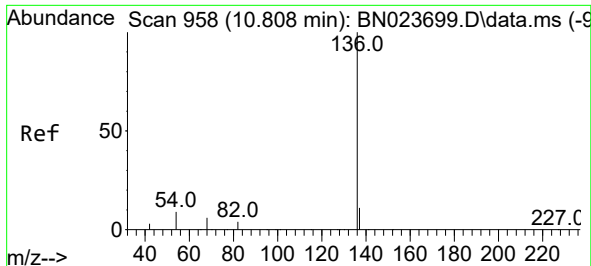
Tgt Ion: 99 Resp: 3287
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.0
71 35.5 28.7 43.1



#6
bis(2-Chloroethyl)ether
Concen: 0.240 ng
RT: 7.414 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion: 93 Resp: 2569
Ion Ratio Lower Upper
93 100
63 75.6 61.8 92.6
95 33.2 25.9 38.9

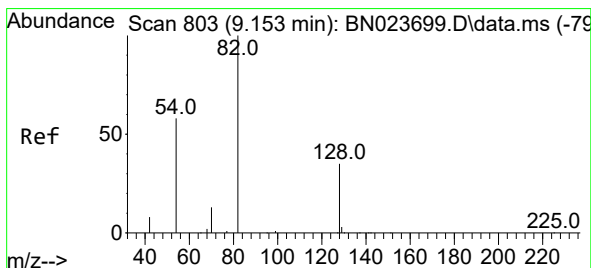
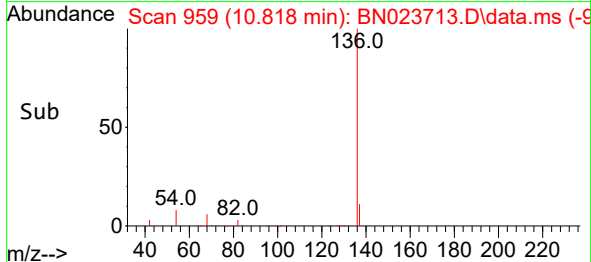
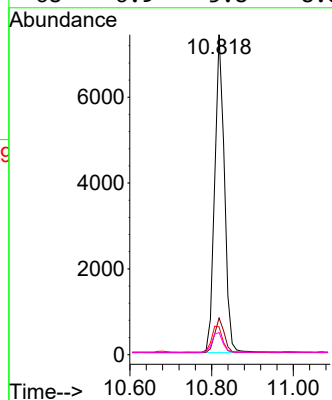
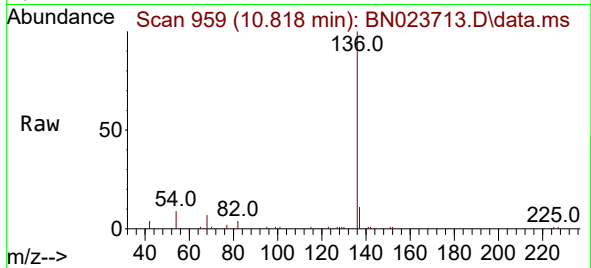




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

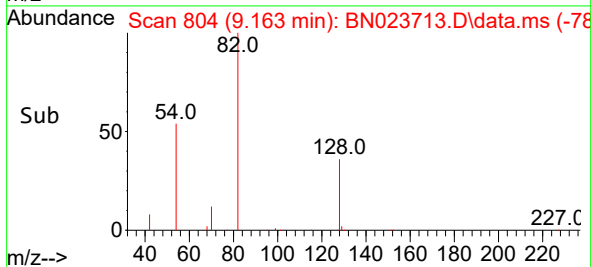
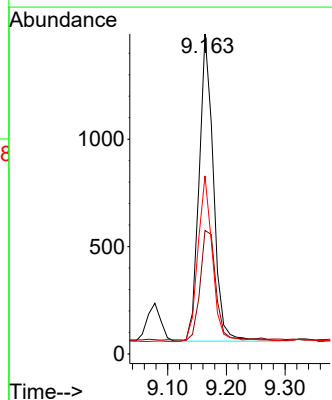
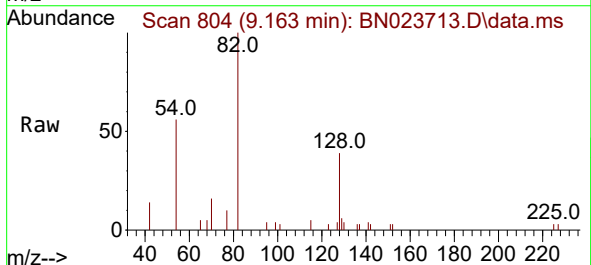
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

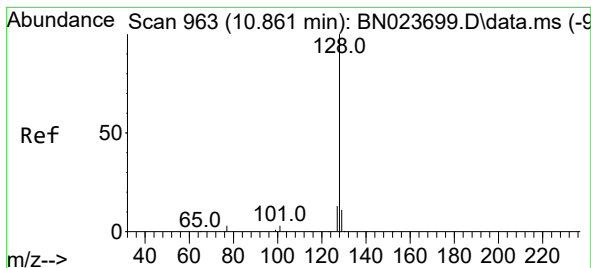
Tgt Ion:136	Resp:	12172
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	8.7	7.5 11.3
68	6.9	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 9.163 min Scan# 804
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion: 82	Resp:	2444
Ion Ratio	Lower	Upper
82	100	
128	38.6	30.2 45.2
54	55.6	47.3 70.9





#9

Naphthalene

Concen: 0.201 ng

RT: 10.872 min Scan# 90

Delta R.T. 0.010 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

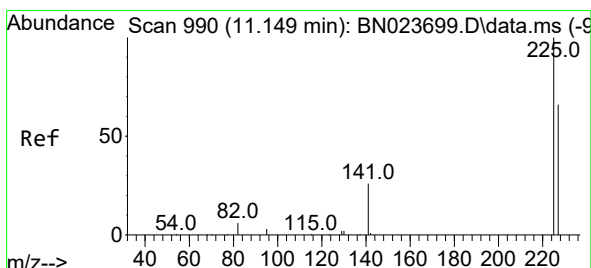
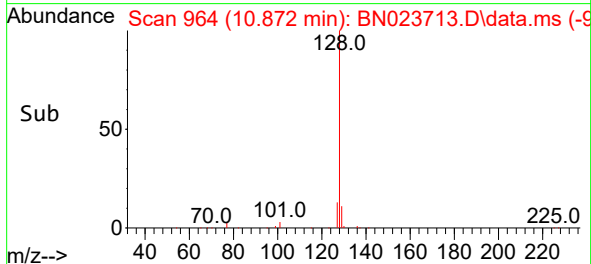
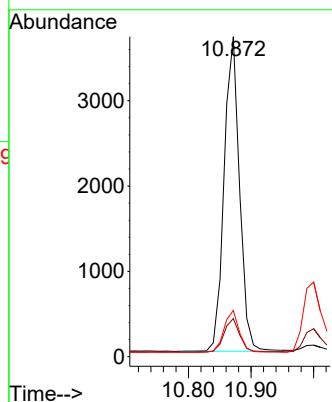
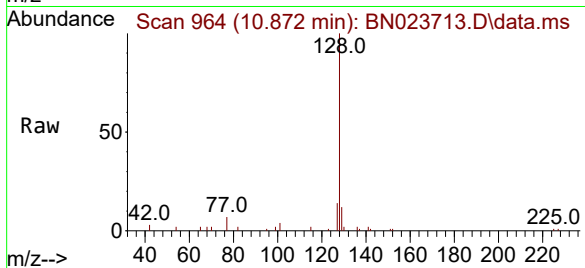
Tgt Ion:128 Resp: 6323

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 14.4 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.204 ng

RT: 11.160 min Scan# 991

Delta R.T. 0.010 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

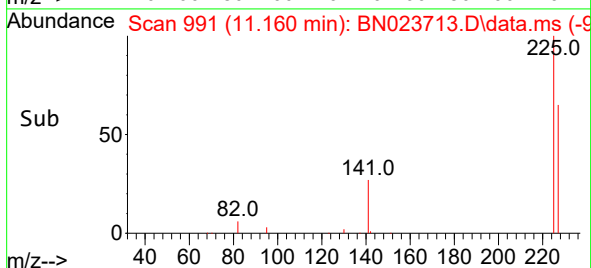
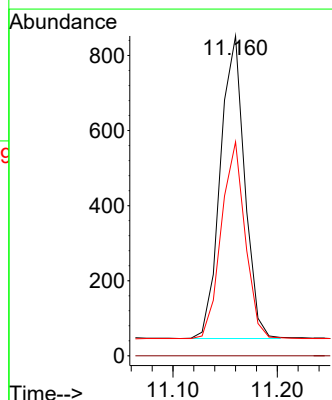
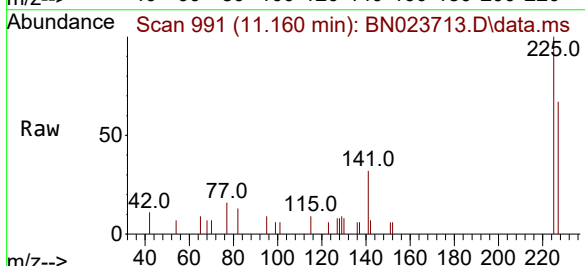
Tgt Ion:225 Resp: 1302

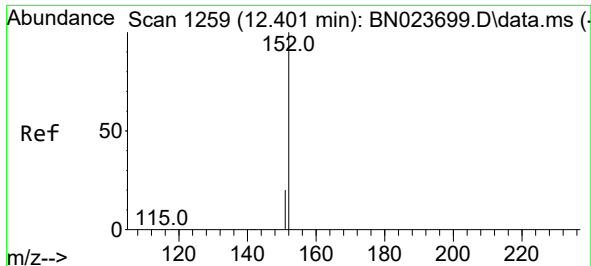
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.0 76.6





#11

2-Methylnaphthalene-d10

Concen: 0.495 ng

RT: 12.408 min Scan# 1261

Delta R.T. 0.004 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

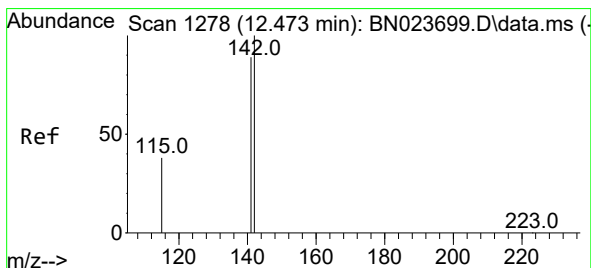
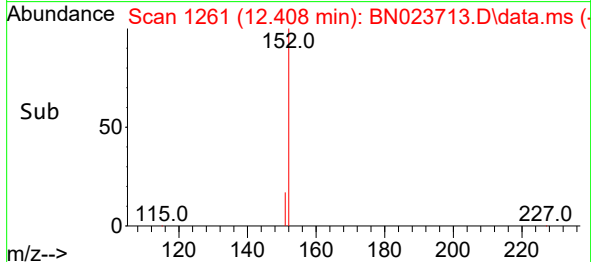
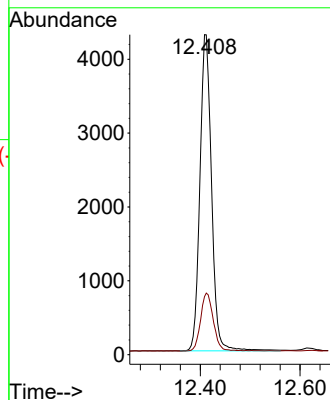
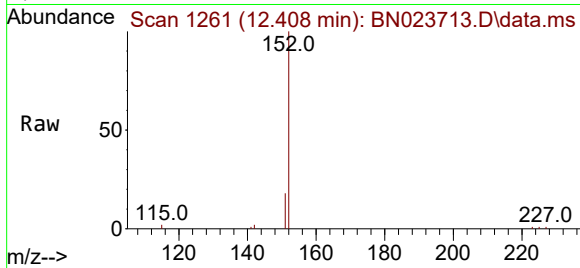
MDL-SOIL-03-QT3-2022

Tgt Ion:152 Resp: 8331

Ion Ratio Lower Upper

152 100

151 16.7 17.1 25.7#



#12

2-Methylnaphthalene

Concen: 0.204 ng

RT: 12.484 min Scan# 1281

Delta R.T. 0.004 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

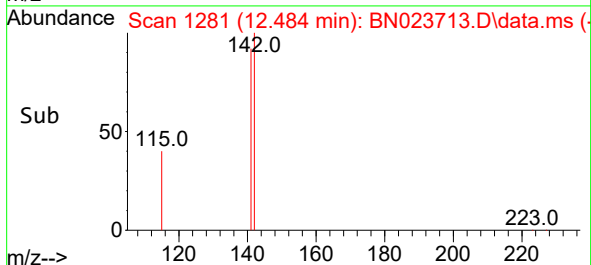
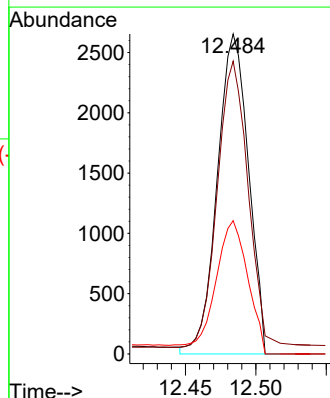
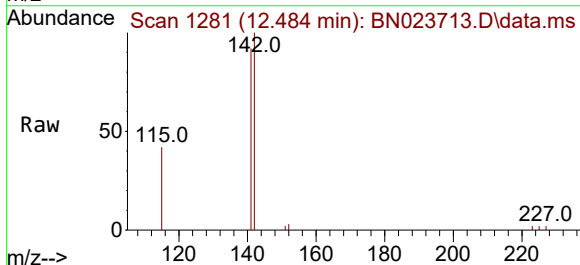
Tgt Ion:142 Resp: 4522

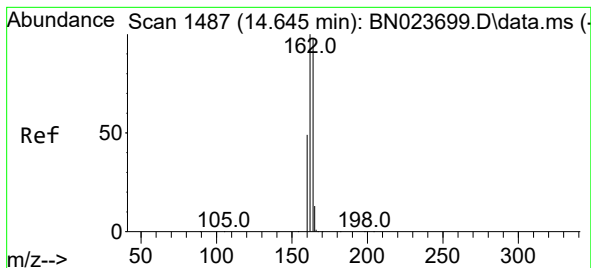
Ion Ratio Lower Upper

142 100

141 91.5 71.4 107.0

115 41.6 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.655 min Scan# 1488

Delta R.T. 0.010 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

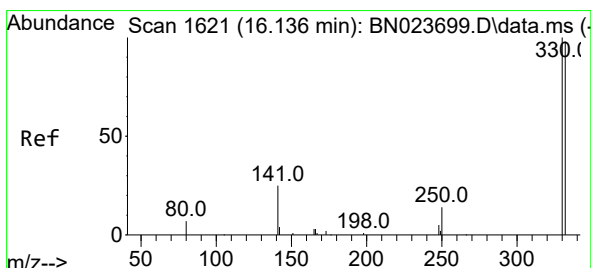
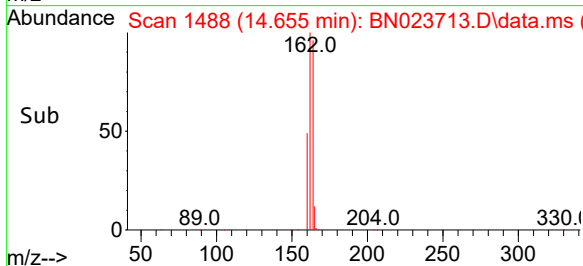
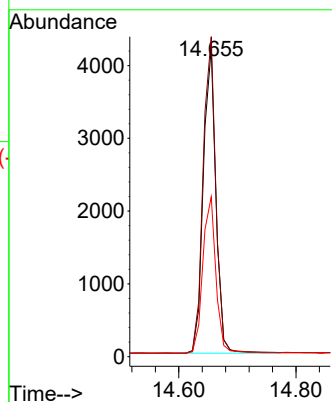
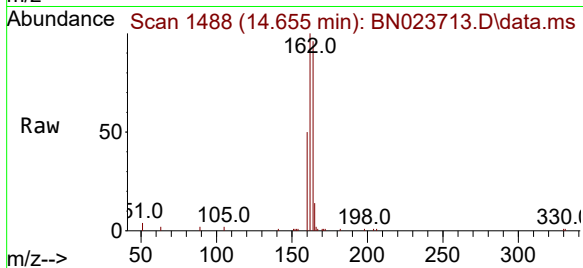
Tgt Ion:164 Resp: 6286

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 51.8 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 16.148 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

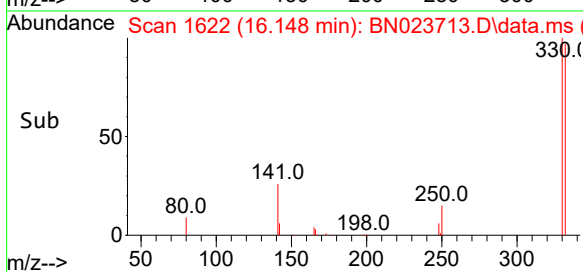
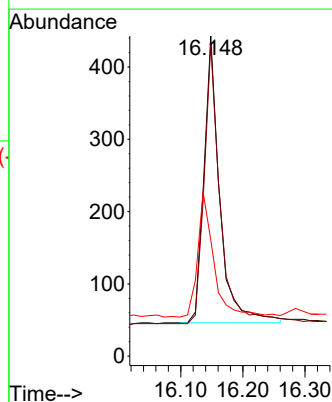
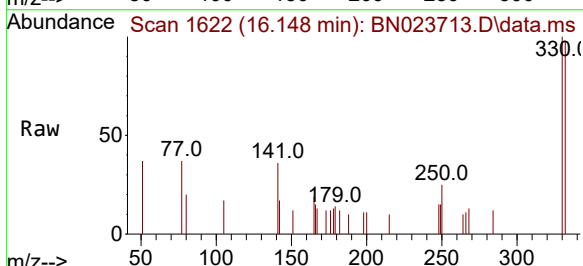
Tgt Ion:330 Resp: 706

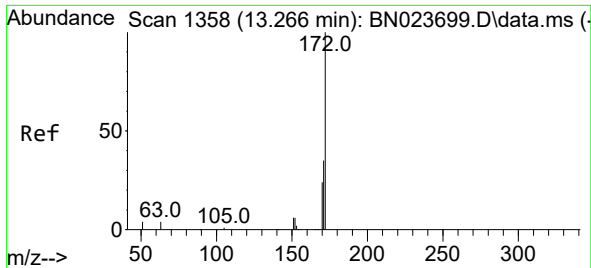
Ion Ratio Lower Upper

330 100

332 98.2 77.6 116.4

141 44.1 35.0 52.4

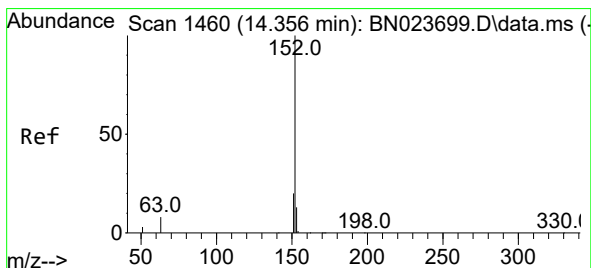
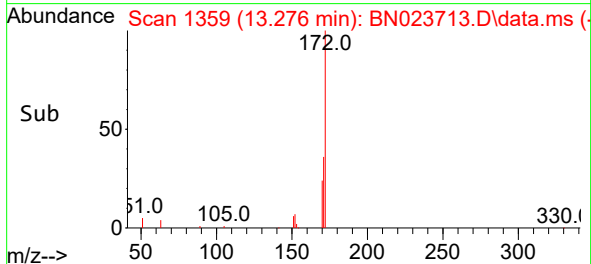
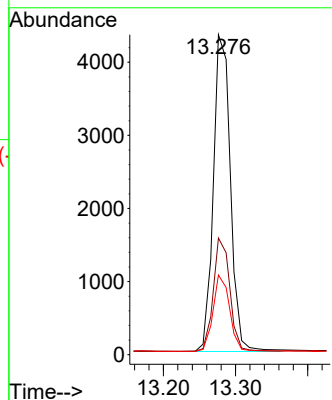
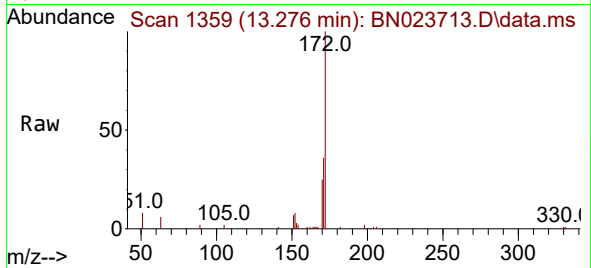




#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.276 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

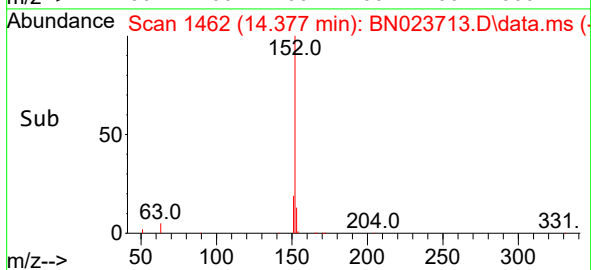
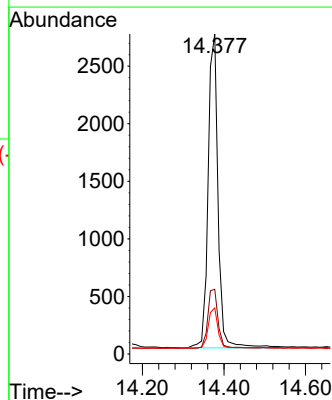
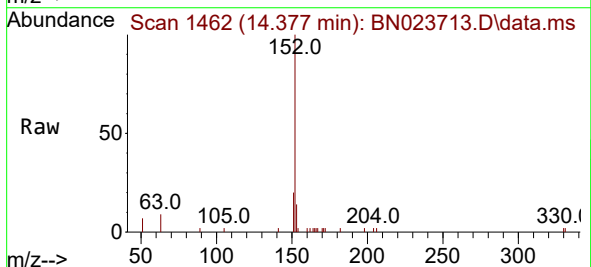
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

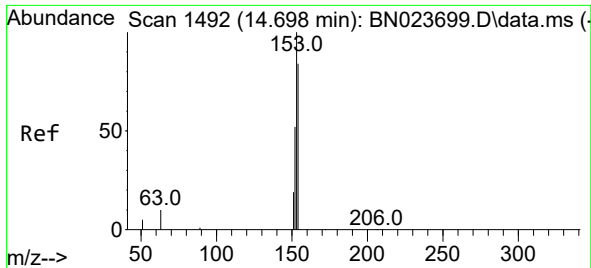
Tgt Ion:172 Resp: 7112
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.9 20.0 30.0



#16
Acenaphthylene
Concen: 0.181 ng
RT: 14.377 min Scan# 1462
Delta R.T. 0.010 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:152 Resp: 4622
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.7 10.4 15.6

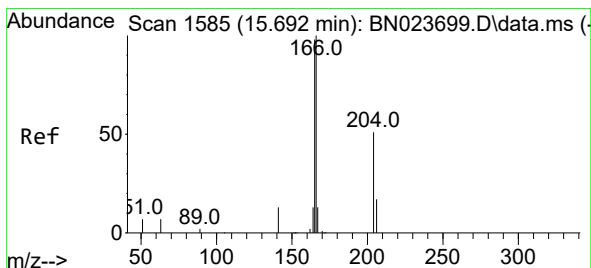
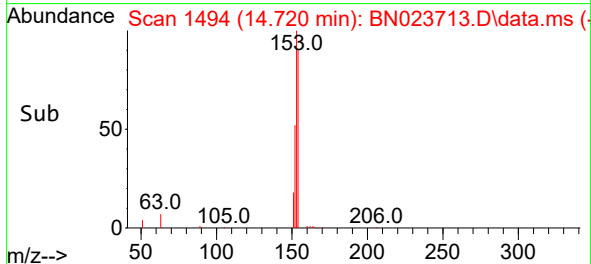
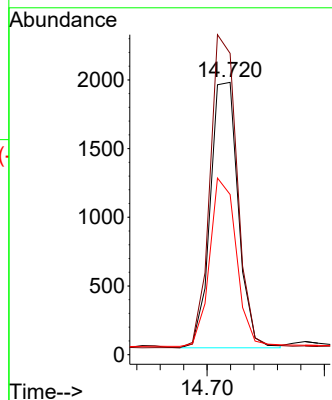
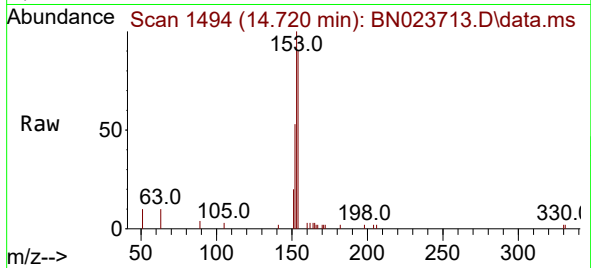




#17
Acenaphthene
Concen: 0.178 ng
RT: 14.720 min Scan# 1494
Delta R.T. 0.010 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

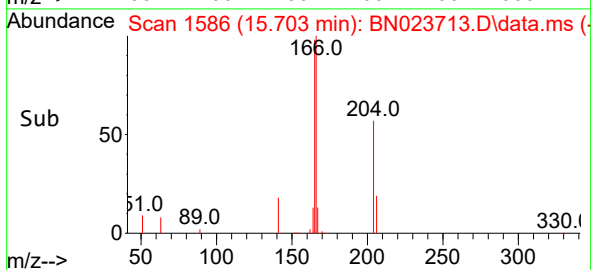
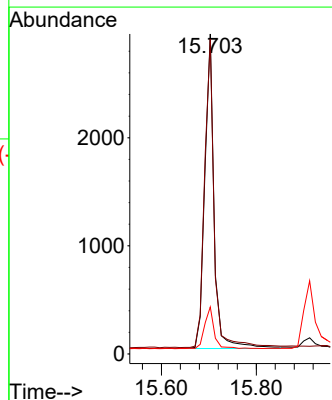
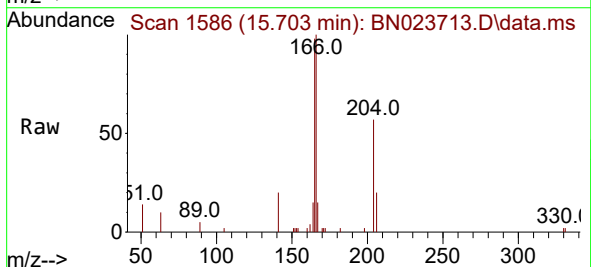
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

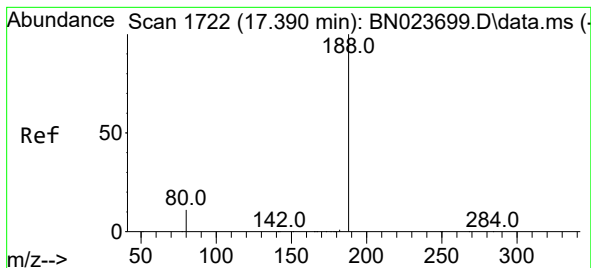
Tgt Ion:154 Resp: 3185
Ion Ratio Lower Upper
154 100
153 116.6 93.3 139.9
152 62.4 48.1 72.1



#18
Fluorene
Concen: 0.169 ng
RT: 15.703 min Scan# 1586
Delta R.T. 0.010 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:166 Resp: 4280
Ion Ratio Lower Upper
166 100
165 100.3 80.6 121.0
167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

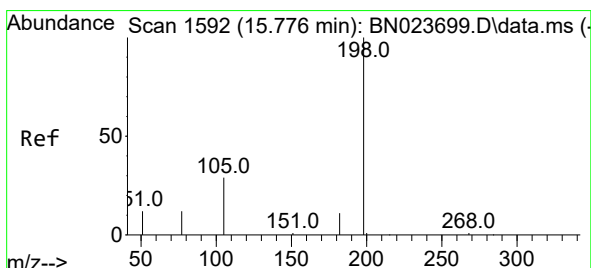
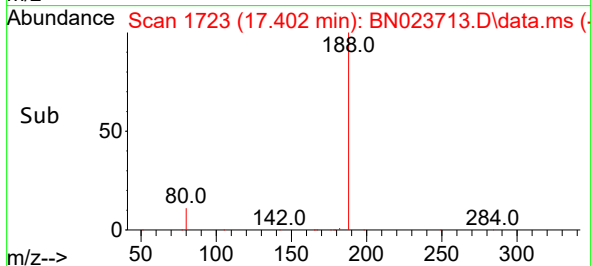
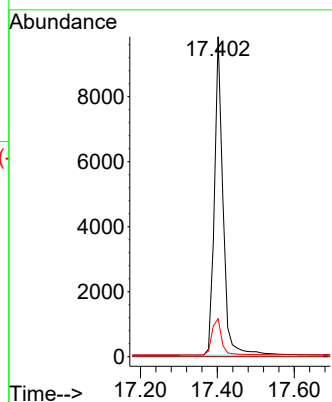
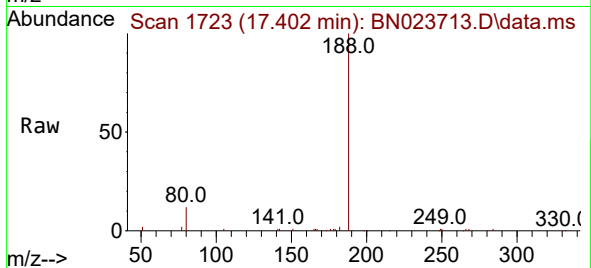
Tgt Ion:188 Resp: 15161

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 9.5 14.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.147 ng

RT: 15.788 min Scan# 1593

Delta R.T. 0.012 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

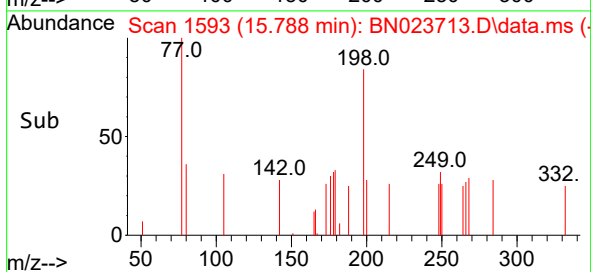
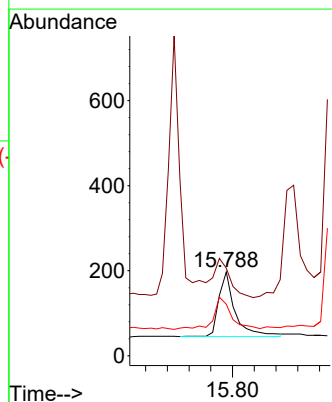
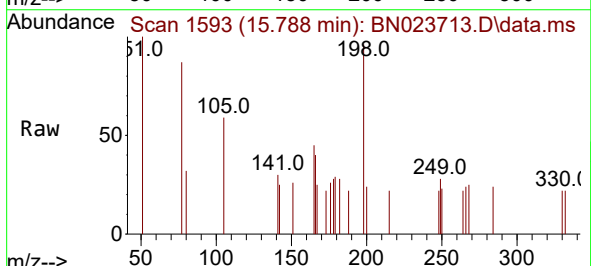
Tgt Ion:198 Resp: 315

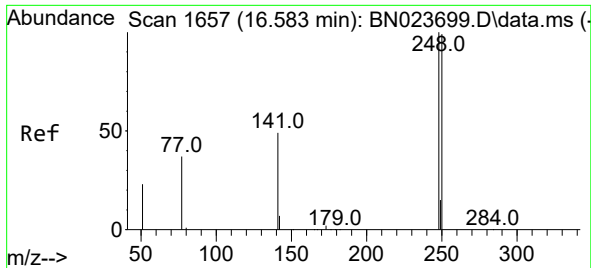
Ion Ratio Lower Upper

198 100

51 104.6 54.3 81.5#

105 61.4 38.6 58.0#

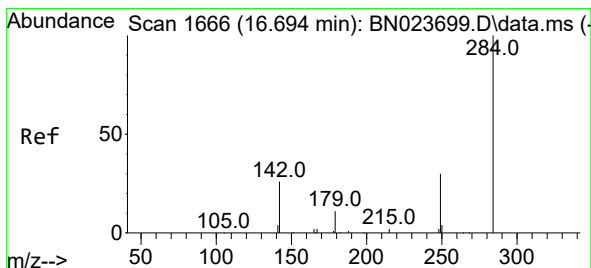
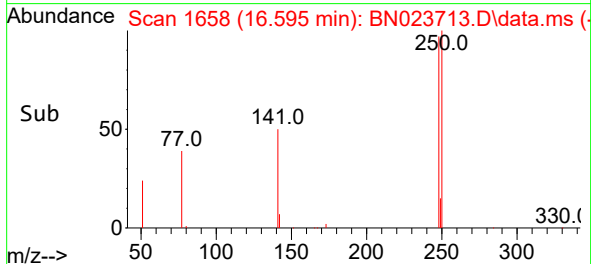
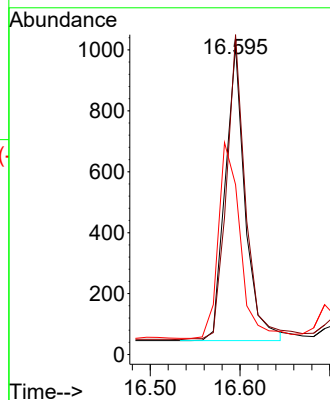
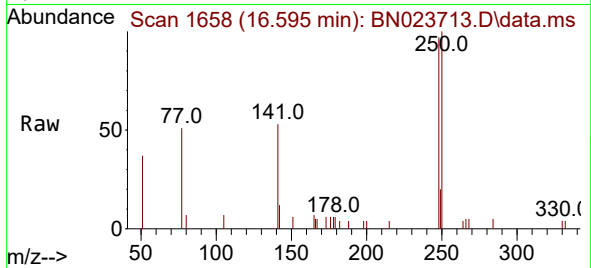




#21
4-Bromophenyl-phenylether
Concen: 0.171 ng
RT: 16.595 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

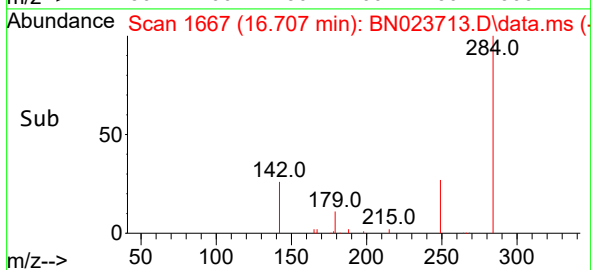
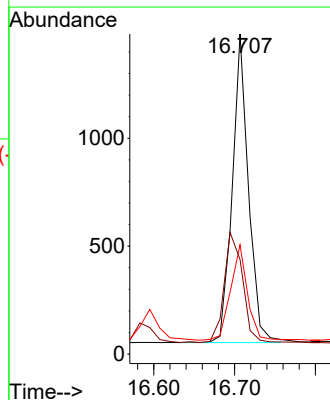
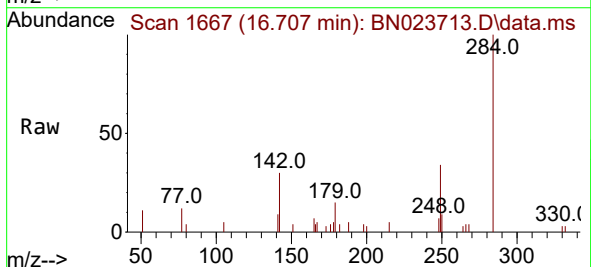
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

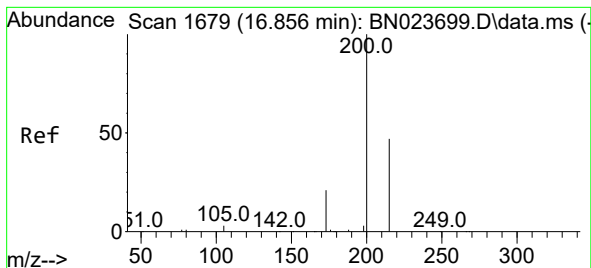
Tgt Ion:248 Resp: 1484
Ion Ratio Lower Upper
248 100
250 103.6 79.4 119.0
141 55.0 40.2 60.4



#22
Hexachlorobenzene
Concen: 0.188 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:284 Resp: 1998
Ion Ratio Lower Upper
284 100
142 40.4 32.3 48.5
249 32.0 25.0 37.4





#23

Atrazine

Concen: 0.173 ng

RT: 16.868 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

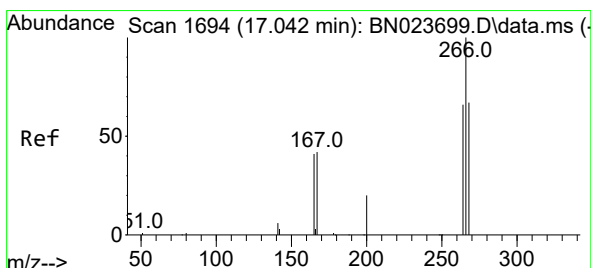
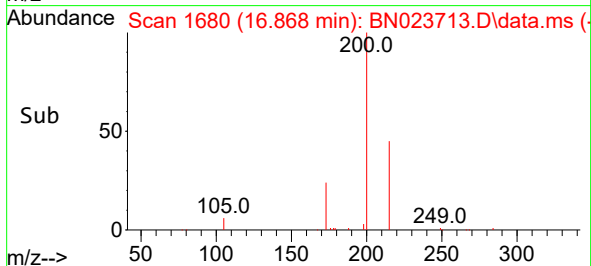
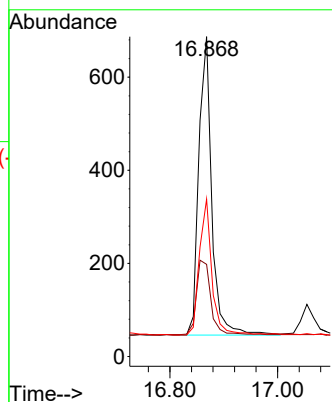
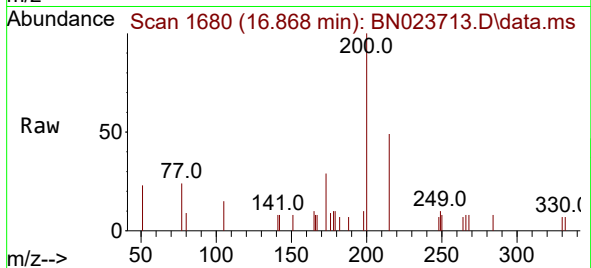
Tgt Ion:200 Resp: 1074

Ion Ratio Lower Upper

200 100

173 28.8 19.0 28.4#

215 49.2 39.2 58.8



#24

Pentachlorophenol

Concen: 0.169 ng

RT: 17.054 min Scan# 1695

Delta R.T. -0.001 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

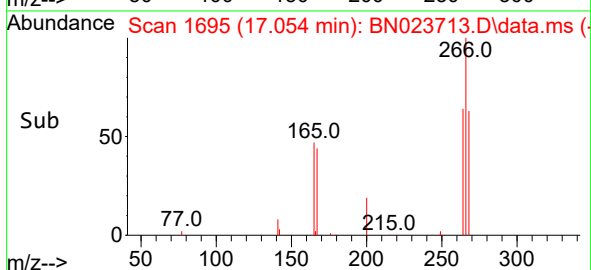
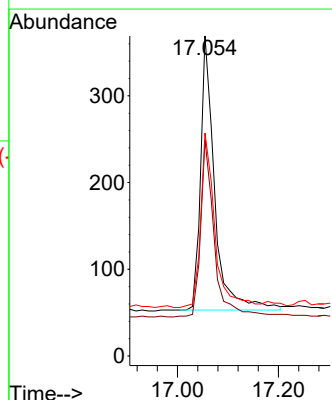
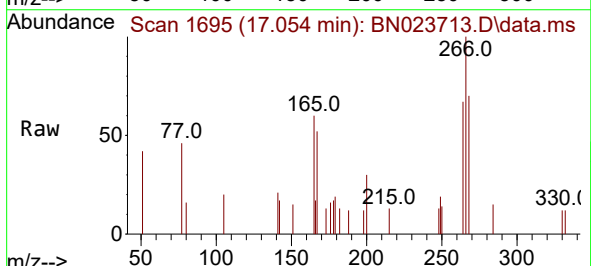
Tgt Ion:266 Resp: 612

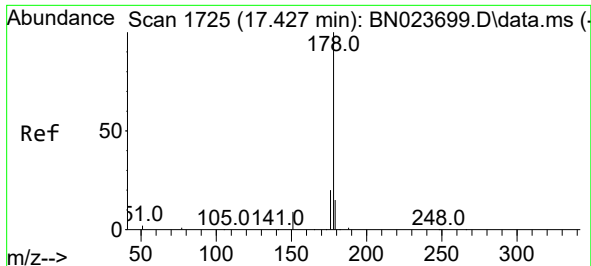
Ion Ratio Lower Upper

266 100

264 62.9 51.4 77.2

268 64.5 52.3 78.5

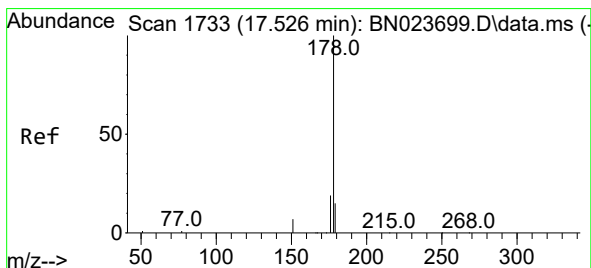
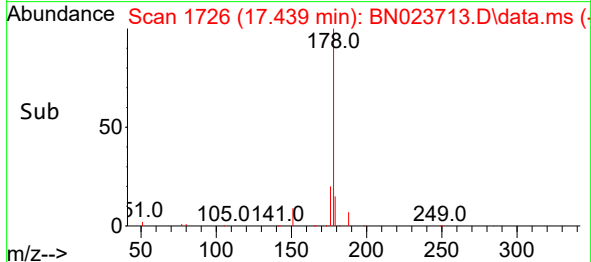
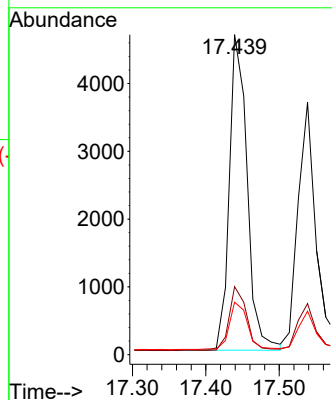
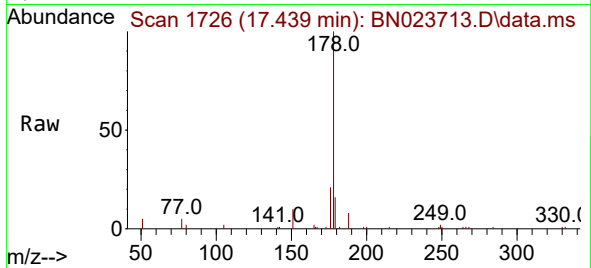




#25
Phenanthrene
Concen: 0.178 ng
RT: 17.439 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

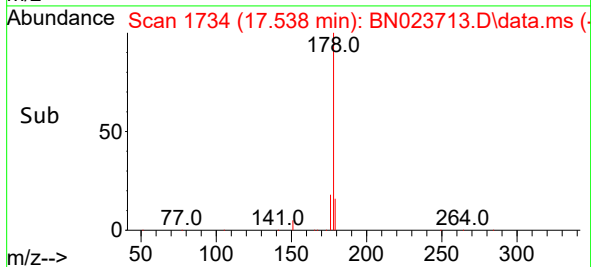
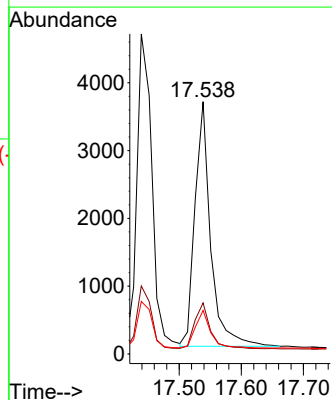
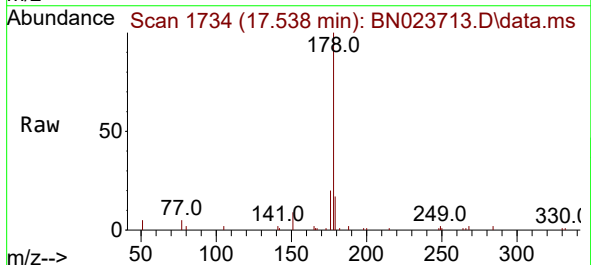
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

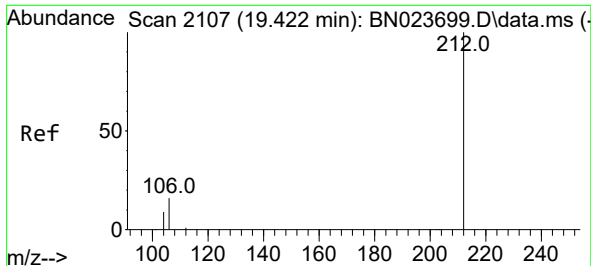
Tgt Ion:178 Resp: 7855
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.6 12.2 18.4



#26
Anthracene
Concen: 0.178 ng
RT: 17.538 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:178 Resp: 6336
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 14.8 12.0 18.0

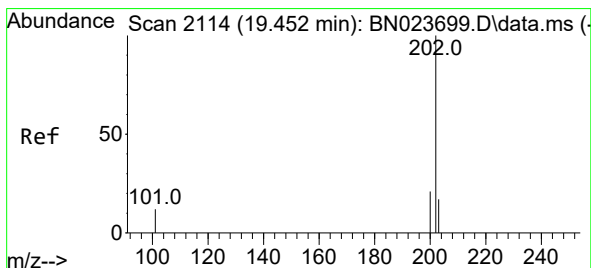
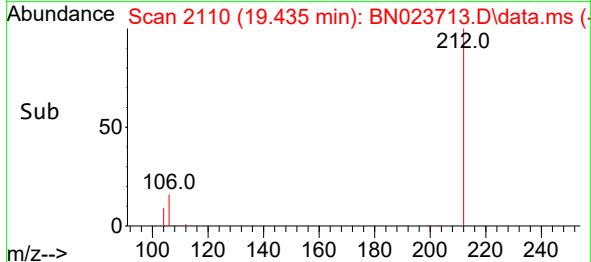
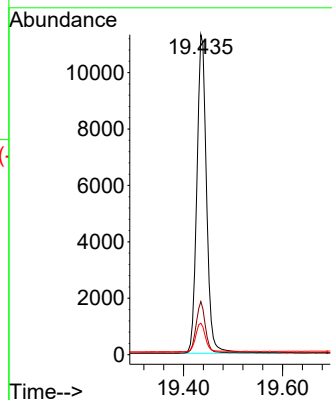
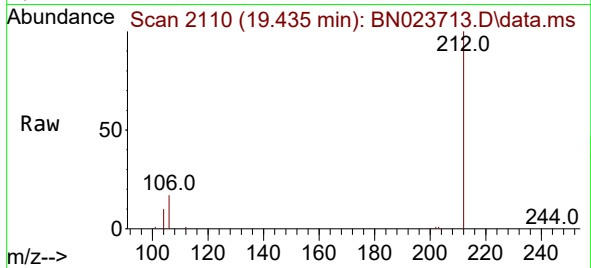




#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

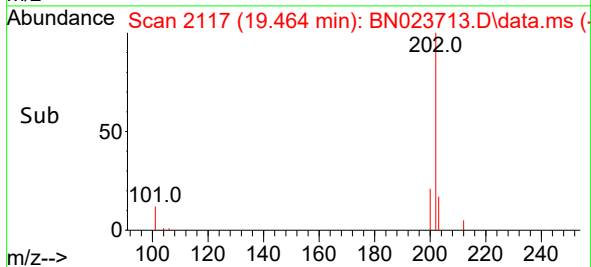
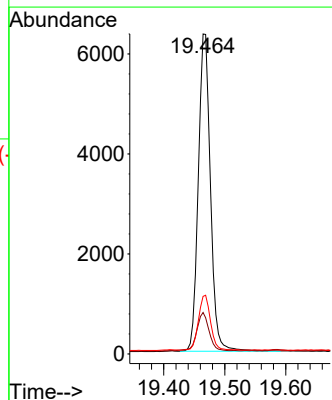
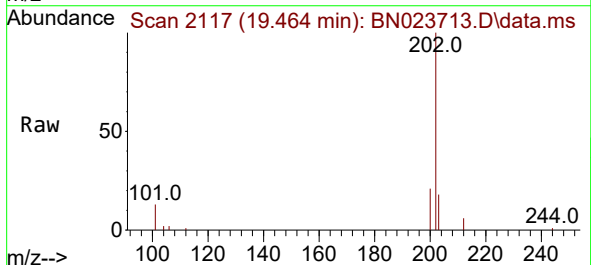
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

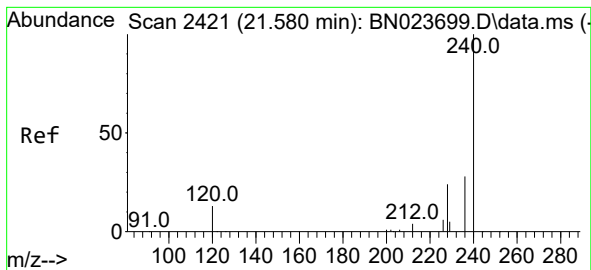
Tgt Ion:212 Resp: 15373
Ion Ratio Lower Upper
212 100
106 15.6 12.4 18.6
104 9.3 7.1 10.7



#28
Fluoranthene
Concen: 0.183 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:202 Resp: 8804
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
203 17.0 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.598 min Scan# 2421

Delta R.T. 0.009 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

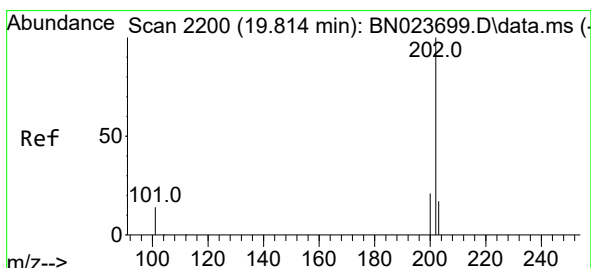
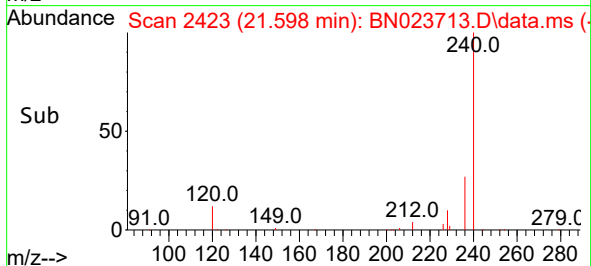
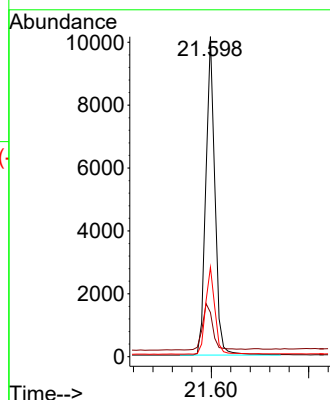
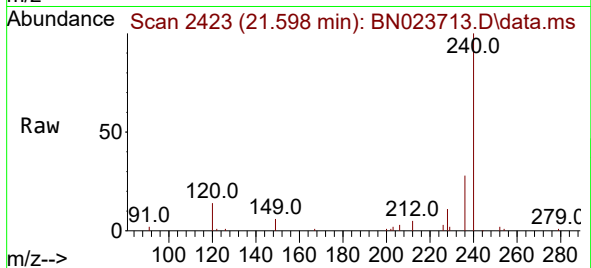
Tgt Ion:240 Resp: 13170

Ion Ratio Lower Upper

240 100

120 13.8 12.0 18.0

236 28.0 22.8 34.2



#30

Pyrene

Concen: 0.177 ng

RT: 19.831 min Scan# 2204

Delta R.T. 0.004 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

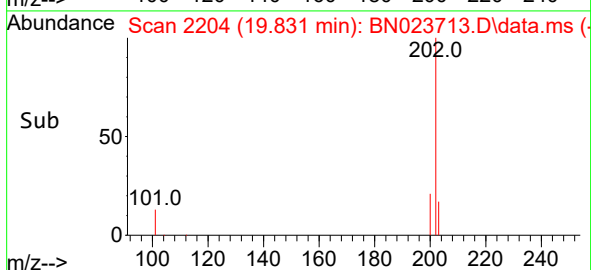
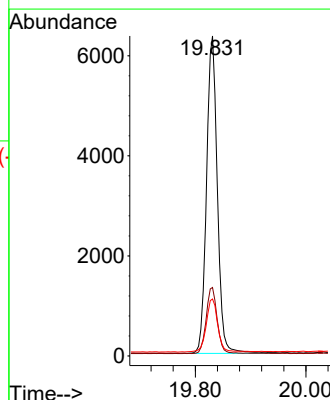
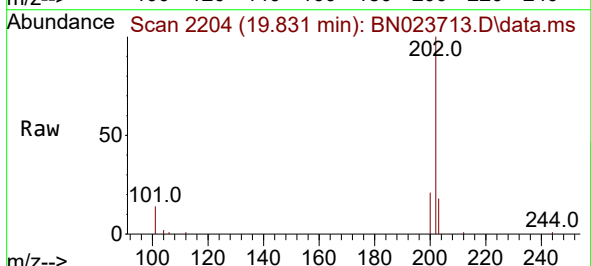
Tgt Ion:202 Resp: 8637

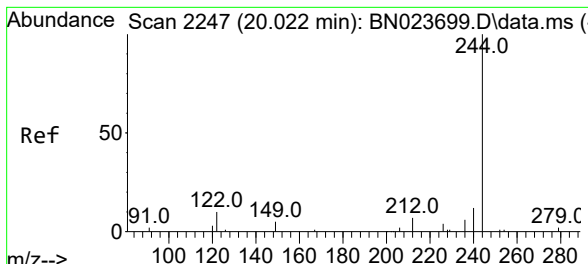
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.9 14.4 21.6

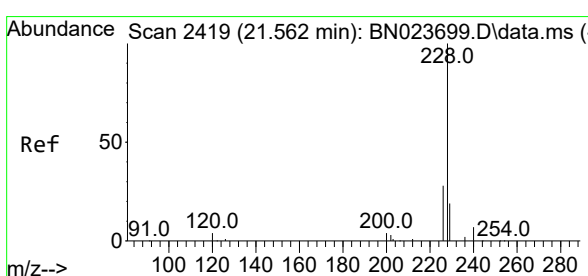
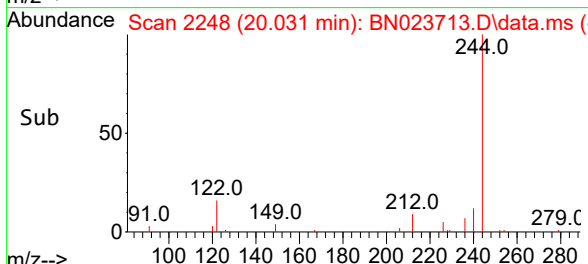
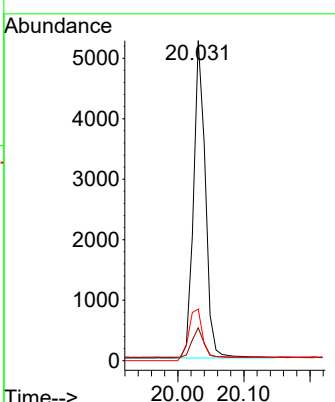
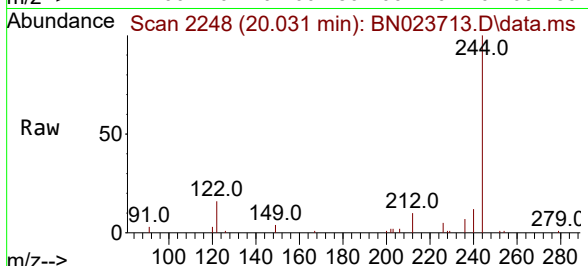




#31
 Terphenyl-d14
 Concen: 0.295 ng
 RT: 20.031 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023713.D
 Acq: 19 Jan 2023 11:29

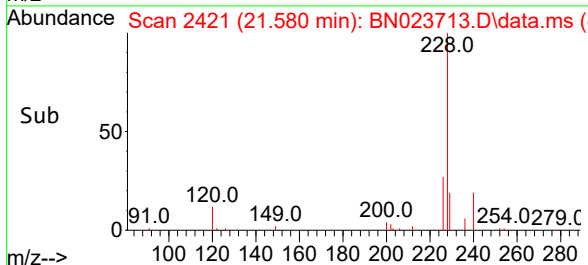
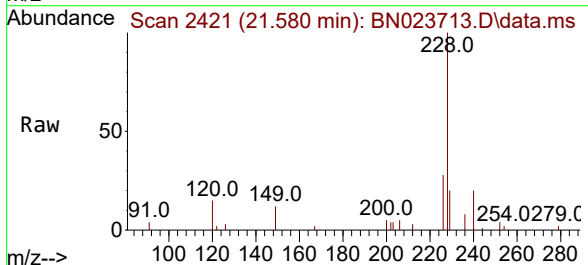
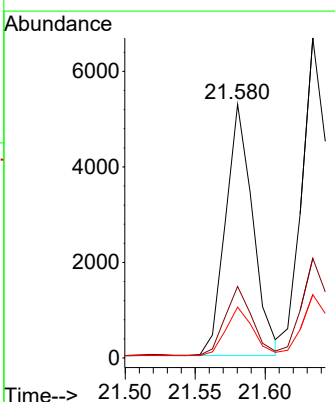
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

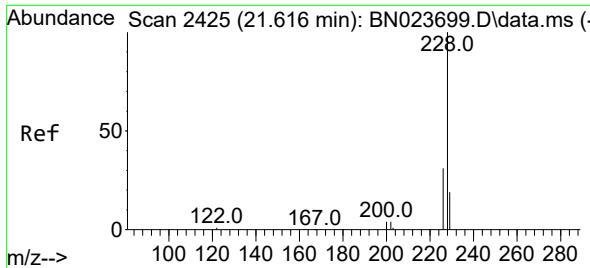
Tgt Ion:	244	Resp:	6120
Ion Ratio	Lower	Upper	
244	100		
212	10.3	6.5	9.7#
122	16.1	7.6	11.4#



#32
 Benzo(a)anthracene
 Concen: 0.170 ng
 RT: 21.580 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BN023713.D
 Acq: 19 Jan 2023 11:29

Tgt Ion:	228	Resp:	7116
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	20.0	15.5	23.3





#33

Chrysene

Concen: 0.185 ng

RT: 21.634 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

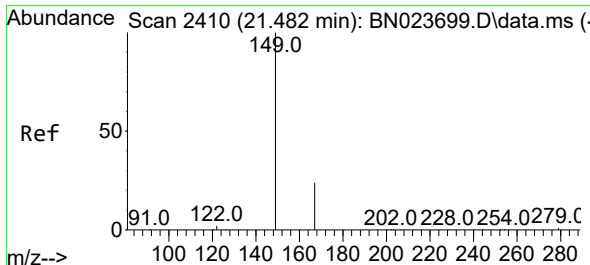
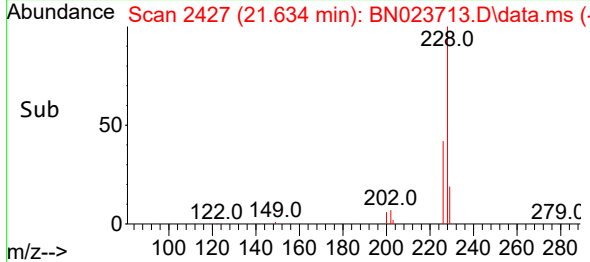
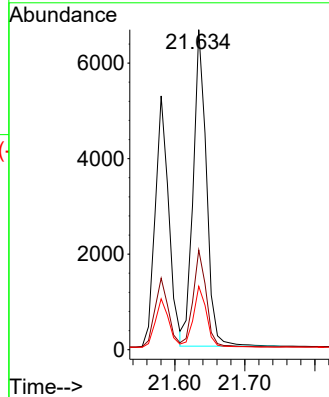
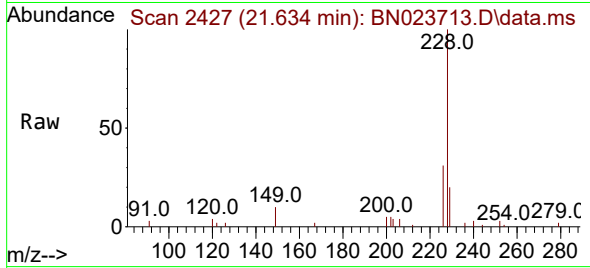
Tgt Ion:228 Resp: 8681

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 19.8 15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.191 ng

RT: 21.500 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN023713.D

Acq: 19 Jan 2023 11:29

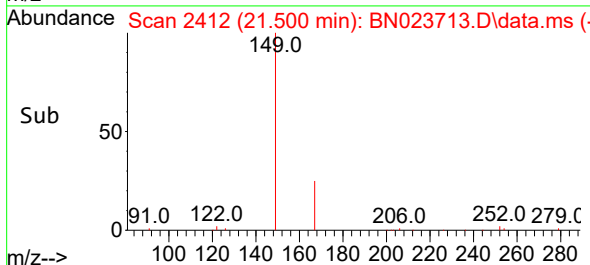
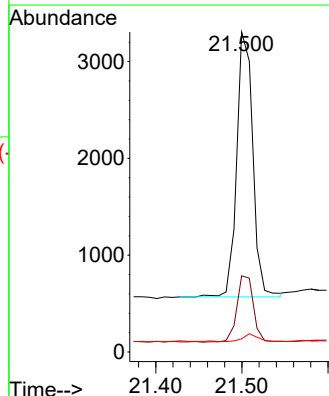
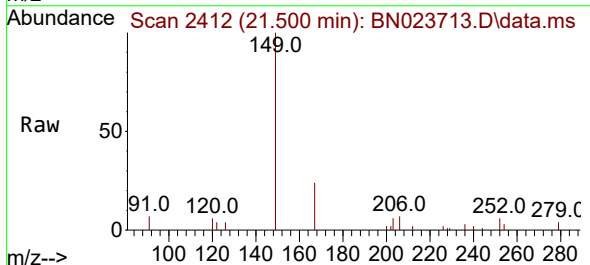
Tgt Ion:149 Resp: 3560

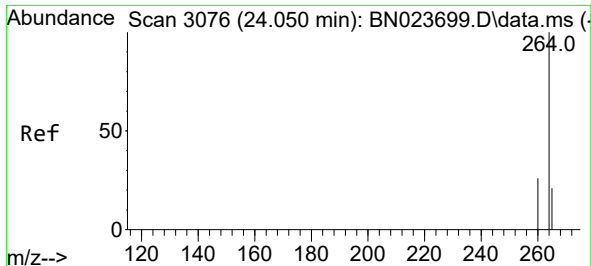
Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

279 2.8 2.5 3.7

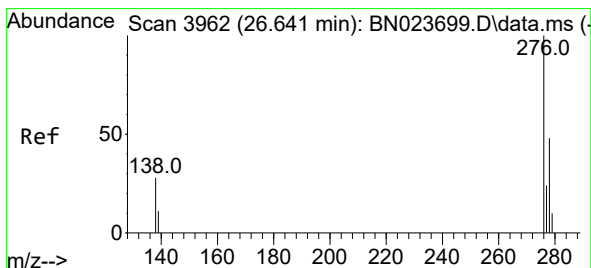
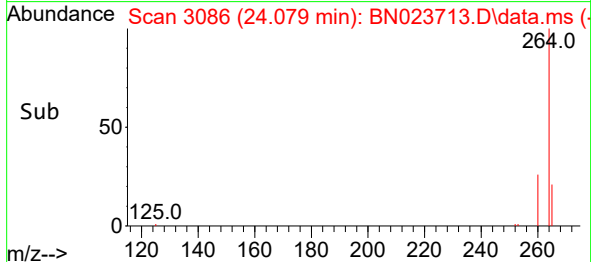
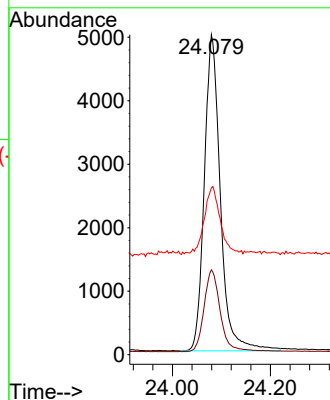
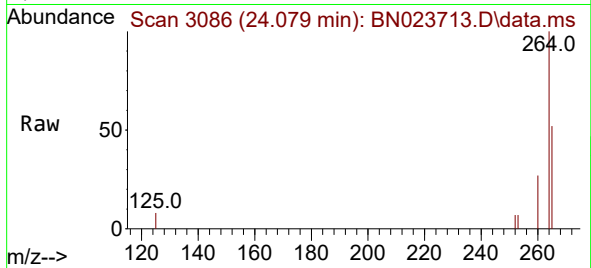




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.079 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

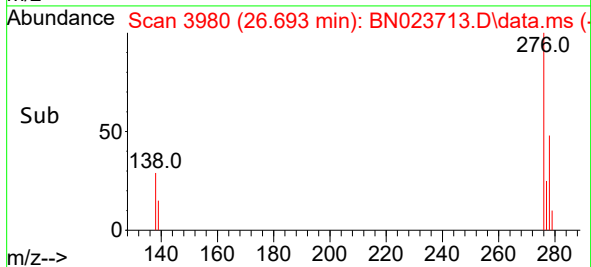
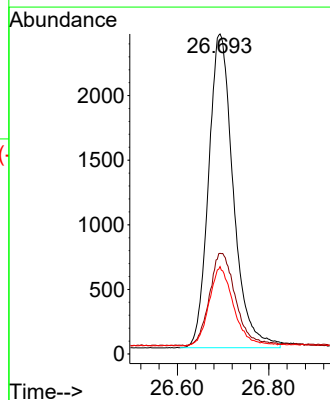
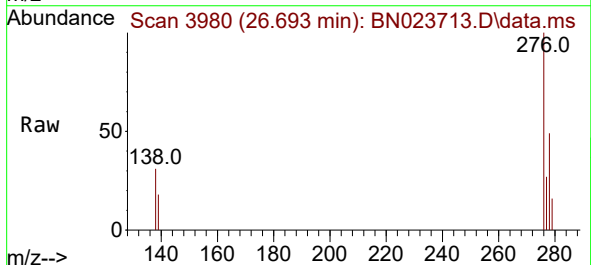
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

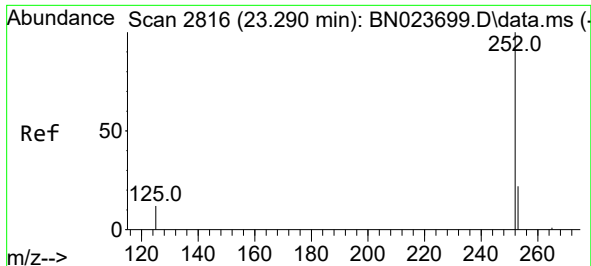
Tgt Ion:264 Resp: 11336
Ion Ratio Lower Upper
264 100
260 26.5 21.0 31.6
265 52.2 49.9 74.9



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng
RT: 26.693 min Scan# 3980
Delta R.T. 0.014 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:276 Resp: 9114
Ion Ratio Lower Upper
276 100
138 30.8 24.0 36.0
277 25.0 19.8 29.8

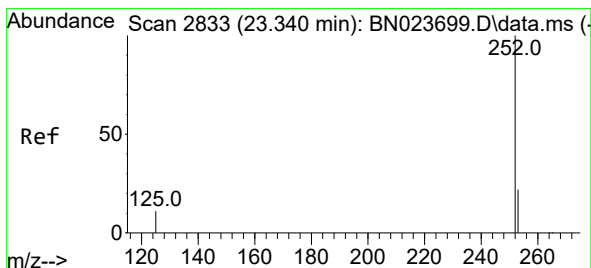
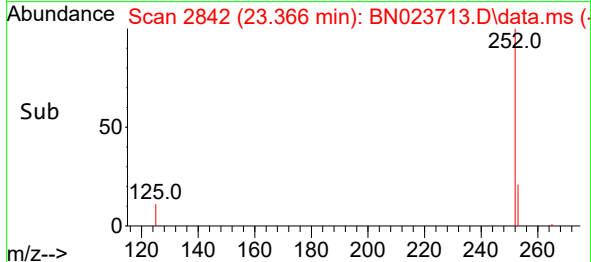
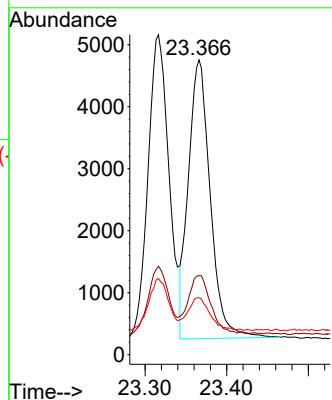
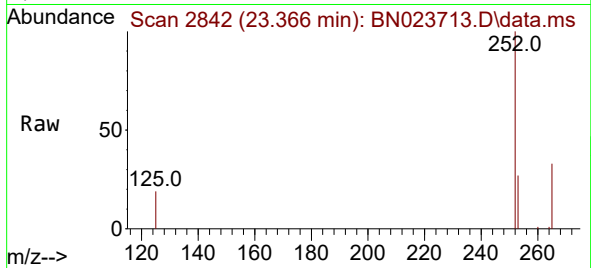




#37
Benzo(b)fluoranthene
Concen: 0.178 ng
RT: 23.366 min Scan# 2842
Delta R.T. 0.055 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

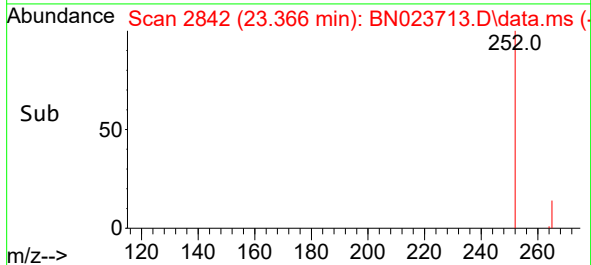
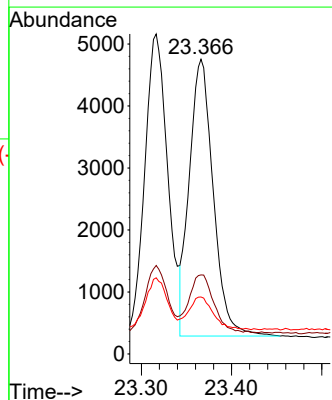
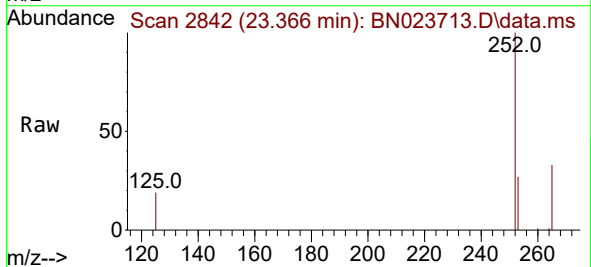
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

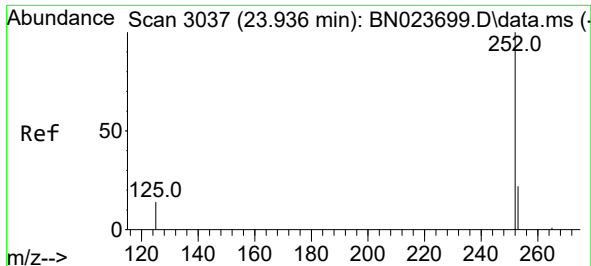
Tgt Ion:252 Resp: 8371
Ion Ratio Lower Upper
252 100
253 26.8 19.9 29.9
125 19.3 13.2 19.8



#38
Benzo(k)fluoranthene
Concen: 0.172 ng
RT: 23.366 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

Tgt Ion:252 Resp: 8202
Ion Ratio Lower Upper
252 100
253 26.8 20.2 30.2
125 19.3 12.8 19.2#

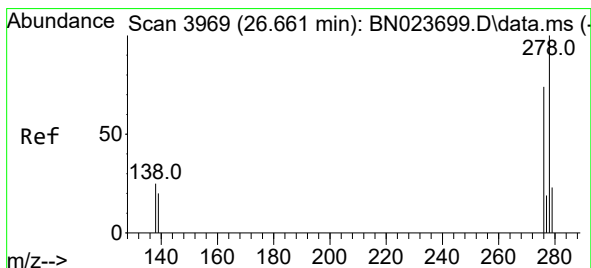
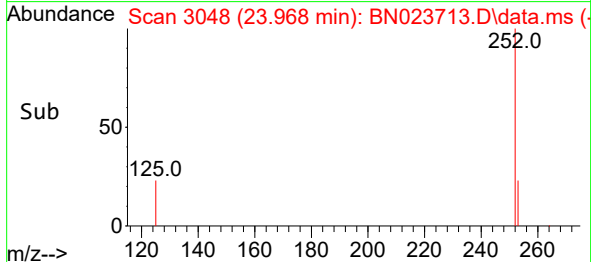
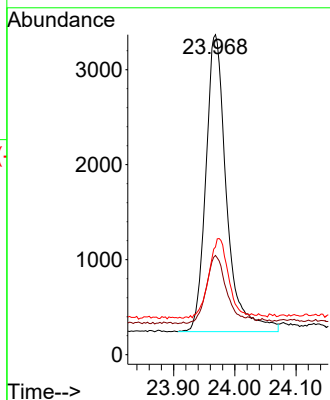
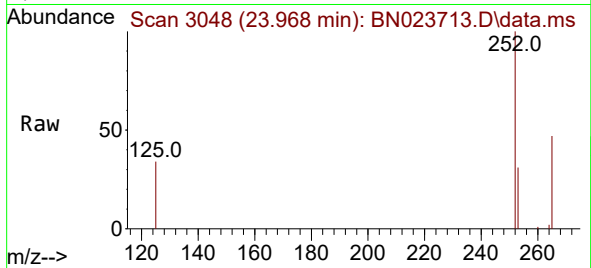




#39
Benzo(a)pyrene
Concen: 0.212 ng
RT: 23.968 min Scan# 3037
Delta R.T. 0.009 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

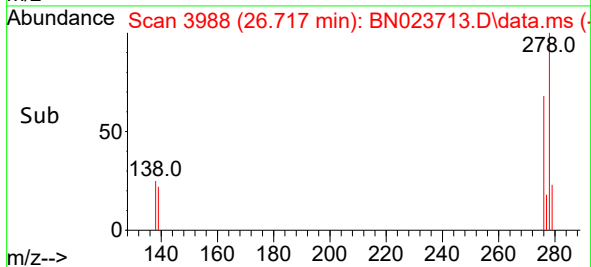
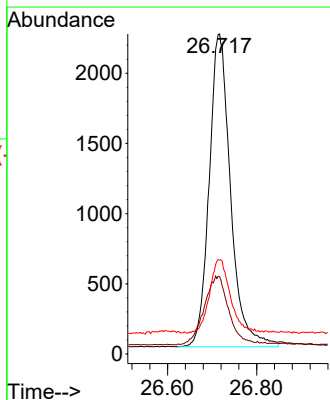
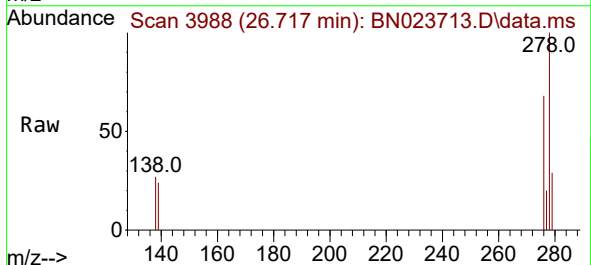
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

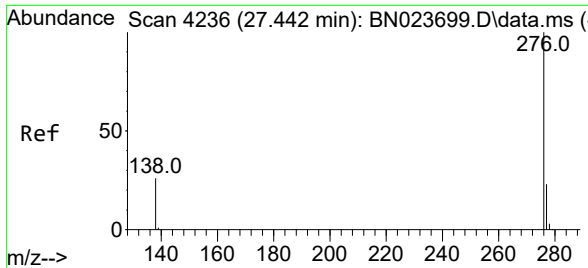
Tgt Ion:252 Resp: 7351
Ion Ratio Lower Upper
252 100
253 31.0 22.4 33.6
125 33.7 17.7 26.5#



#40
Dibenzo(a,h)anthracene
Concen: 0.182 ng
RT: 26.717 min Scan# 3988
Delta R.T. 0.014 min
Lab File: BN023713.D
Acq: 19 Jan 2023 11:29

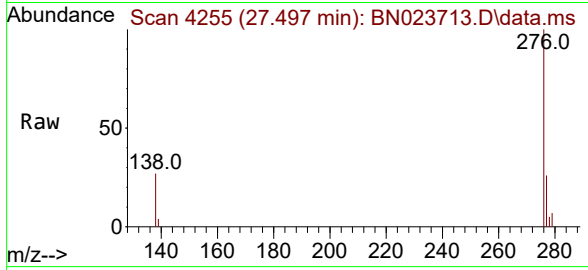
Tgt Ion:278 Resp: 7441
Ion Ratio Lower Upper
278 100
139 24.1 17.2 25.8
279 29.4 21.4 32.2





#41
 Benzo(g,h,i)perylene
 Concen: 0.170 ng
 RT: 27.497 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BN023713.D
 Acq: 19 Jan 2023 11:29

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022



Tgt Ion:	276	Resp:	7339
Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.0
138	26.9	21.8	32.8

