

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
 Data File : BN023712.D
 Acq On : 19 Jan 2023 10:37
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 20 04:32:12 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)

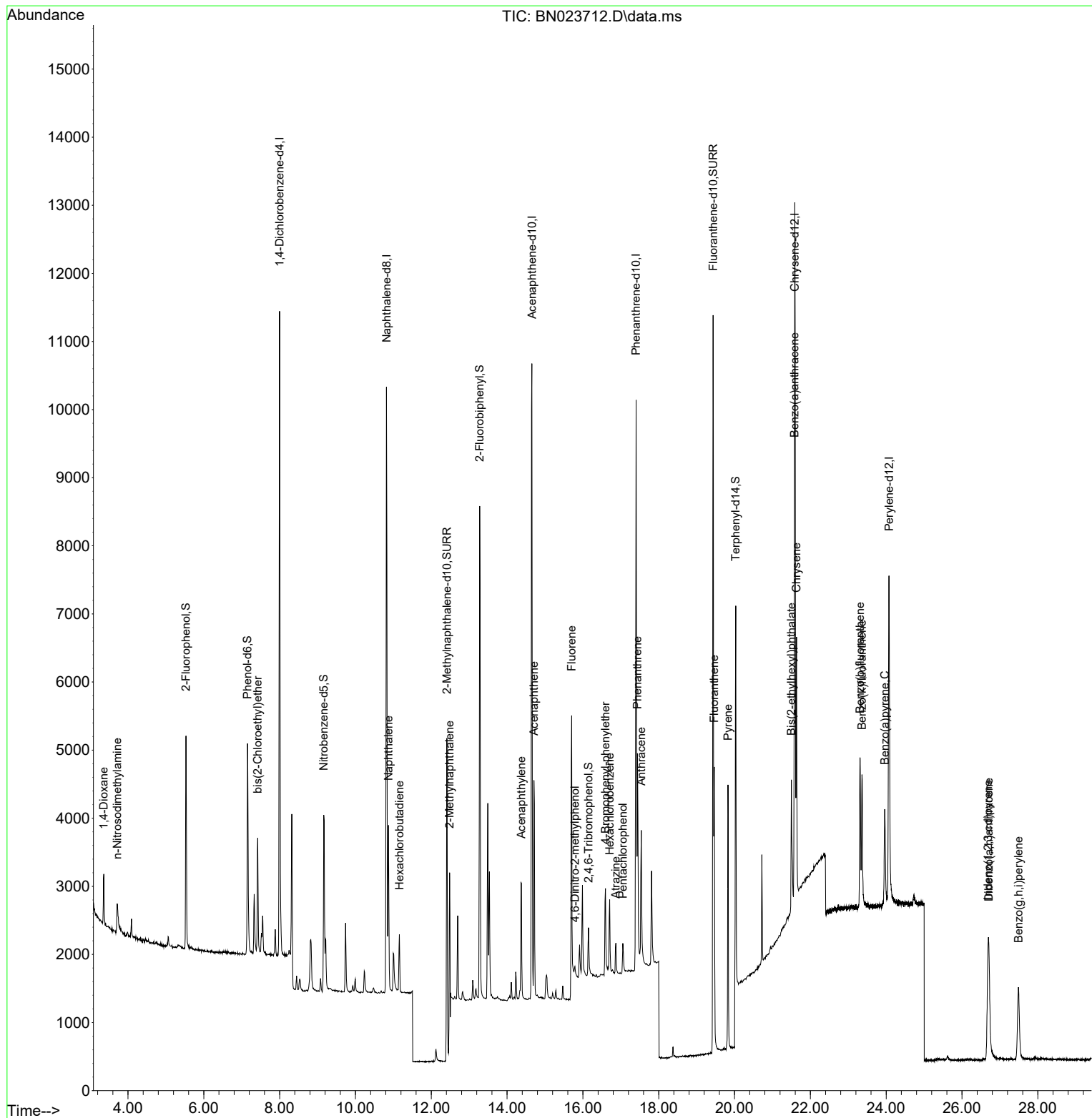
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	4478	0.400	ng	0.00
7) Naphthalene-d8	10.819	136	11478	0.400	ng	0.00
13) Acenaphthene-d10	14.656	164	5670	0.400	ng	0.01
19) Phenanthrene-d10	17.402	188	12156	0.400	ng	0.00
29) Chrysene-d12	21.589	240	9136	0.400	ng	# 0.00
35) Perylene-d12	24.074	264	7312	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	2514	0.267	ng	0.00
5) Phenol-d6	7.154	99	2961	0.264	ng	0.00
8) Nitrobenzene-d5	9.164	82	2389	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.412	152	7580	0.478	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	532	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.277	172	6591	0.273	ng	0.00
27) Fluoranthene-d10	19.435	212	12162	0.427	ng	0.00
31) Terphenyl-d14	20.031	244	4665	0.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	486	0.102	ng	97
3) n-Nitrosodimethylamine	3.716	42	426	0.077	ng	# 98
6) bis(2-Chloroethyl)ether	7.421	93	1293	0.112	ng	97
9) Naphthalene	10.872	128	3064	0.103	ng	95
10) Hexachlorobutadiene	11.160	225	634	0.105	ng	# 97
12) 2-Methylnaphthalene	12.484	142	2174	0.104	ng	98
16) Acenaphthylene	14.378	152	2210	0.096	ng	98
17) Acenaphthene	14.709	154	1604	0.099	ng	98
18) Fluorene	15.703	166	1947	0.085	ng	99
20) 4,6-Dinitro-2-methylph...	15.789	198	136	0.079	ng	# 1
21) 4-Bromophenyl-phenylether	16.595	248	608	0.087	ng	# 92
22) Hexachlorobenzene	16.707	284	880	0.103	ng	99
23) Atrazine	16.868	200	446	0.090	ng	# 86
24) Pentachlorophenol	17.055	266	254	0.087	ng	94
25) Phenanthrene	17.439	178	3275	0.093	ng	99
26) Anthracene	17.539	178	2572	0.090	ng	100
28) Fluoranthene	19.465	202	3509	0.091	ng	98
30) Pyrene	19.827	202	3448	0.102	ng	99
32) Benzo(a)anthracene	21.580	228	2664	0.092	ng	98
33) Chrysene	21.634	228	3251	0.100	ng	98
34) Bis(2-ethylhexyl)phtha...	21.500	149	1701	0.131	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.688	276	2795	0.086	ng	# 84
37) Benzo(b)fluoranthene	23.311	252	2988	0.098	ng	# 68
38) Benzo(k)fluoranthene	23.360	252	2818	0.092	ng	# 68
39) Benzo(a)pyrene	23.963	252	2408	0.107	ng	# 58
40) Dibenzo(a,h)anthracene	26.708	278	2247	0.085	ng	# 72
41) Benzo(g,h,i)perylene	27.489	276	2549	0.092	ng	# 88

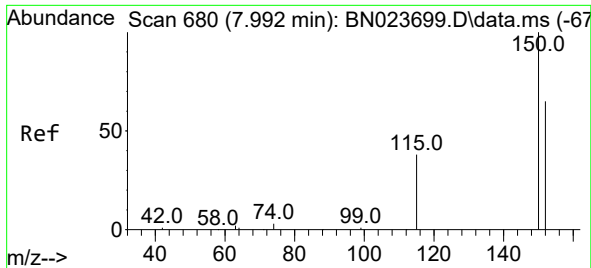
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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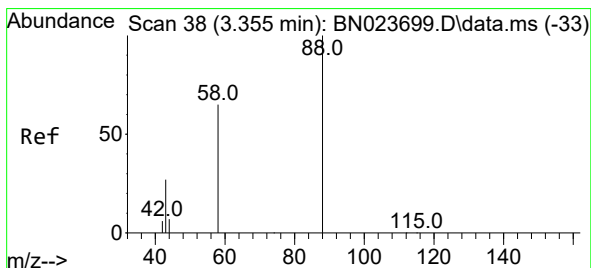
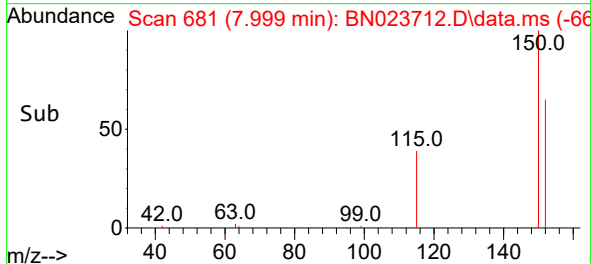
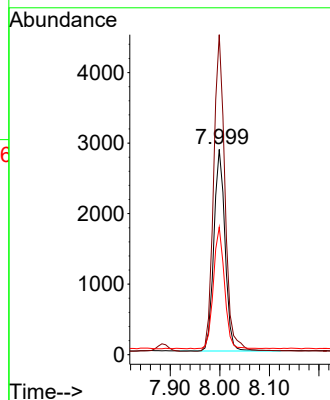
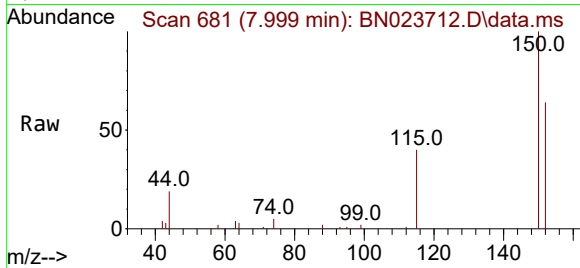




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.999 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

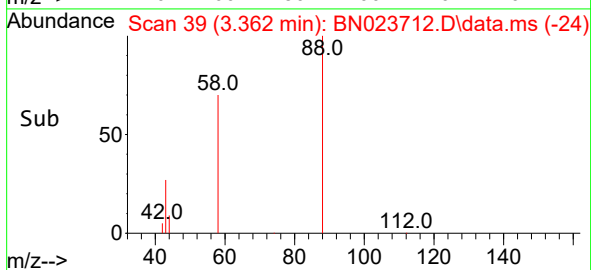
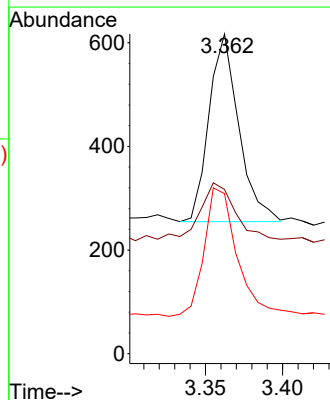
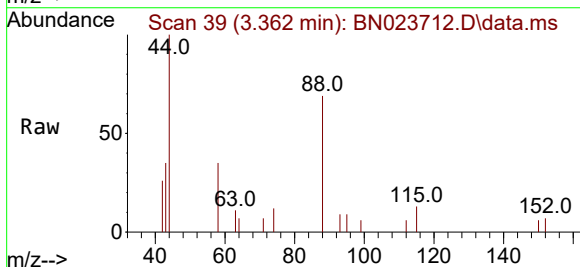
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

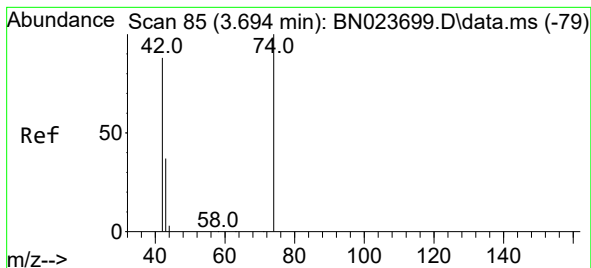
Tgt Ion:152 Resp: 4478
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 62.1 48.2 72.4



#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.362 min Scan# 39
Delta R.T. 0.007 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion: 88 Resp: 486
Ion Ratio Lower Upper
88 100
43 34.4 26.8 40.2
58 76.5 58.5 87.7





#3

n-Nitrosodimethylamine

Concen: 0.077 ng

RT: 3.716 min Scan# 81

Delta R.T. 0.022 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

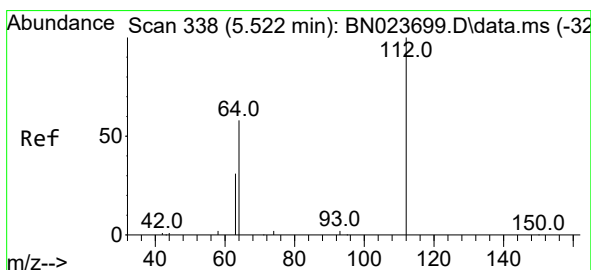
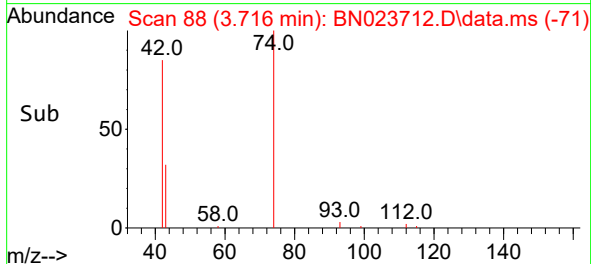
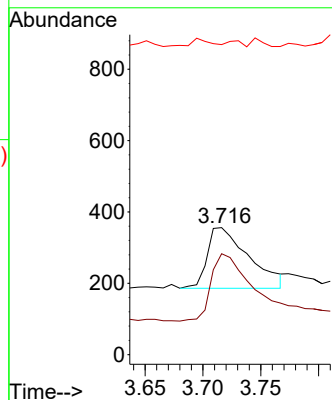
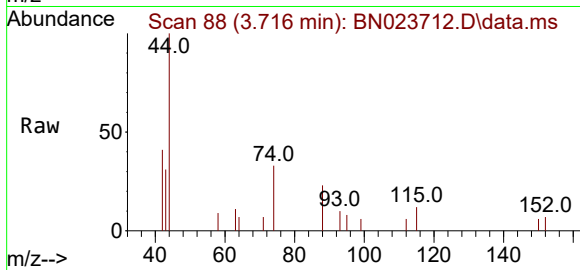
Tgt Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

74 109.6 87.4 131.2

44 3.3 9.4 14.2#



#4

2-Fluorophenol

Concen: 0.267 ng

RT: 5.529 min Scan# 339

Delta R.T. 0.007 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

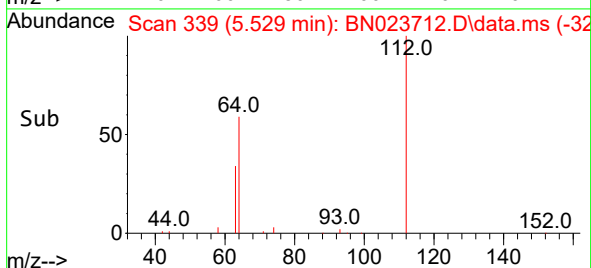
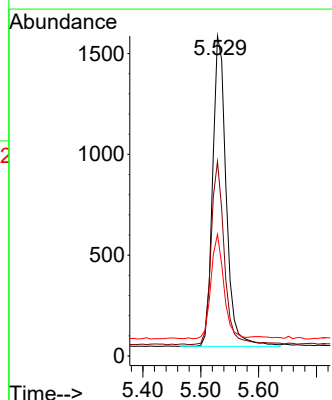
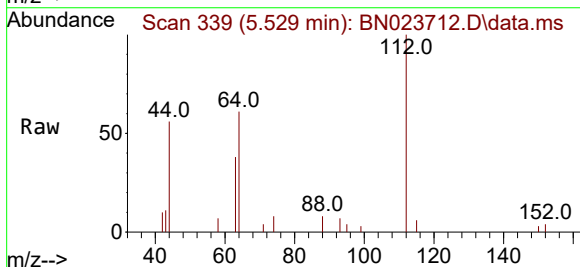
Tgt Ion: 112 Resp: 2514

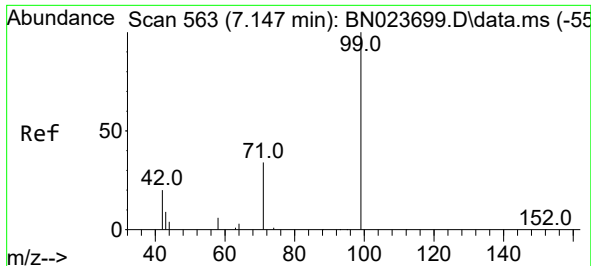
Ion Ratio Lower Upper

112 100

64 57.9 45.8 68.8

63 32.1 25.3 37.9

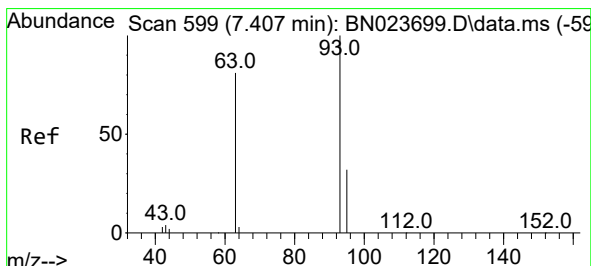
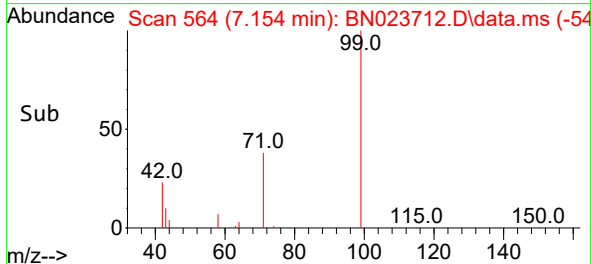
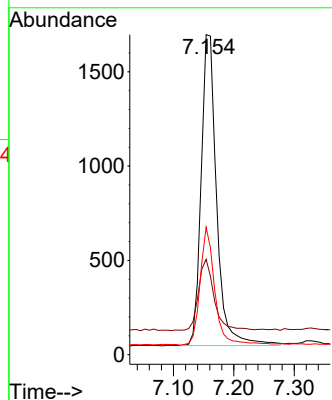
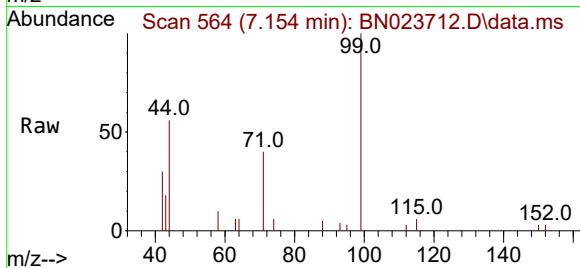




#5
Phenol-d6
Concen: 0.264 ng
RT: 7.154 min Scan# 501
Delta R.T. 0.007 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

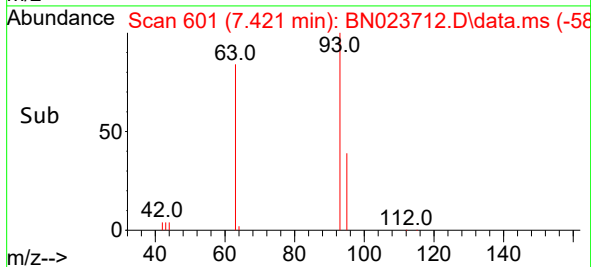
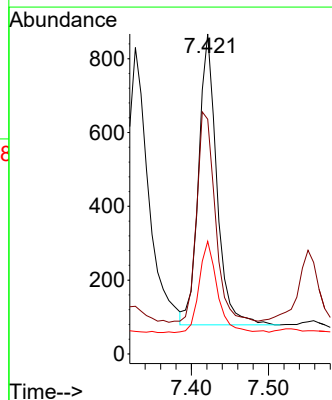
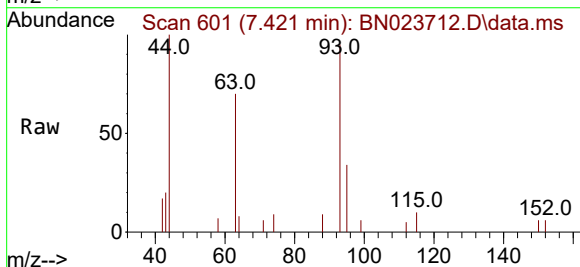
Instrument :
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MDL-SOIL-03-QT3-2022

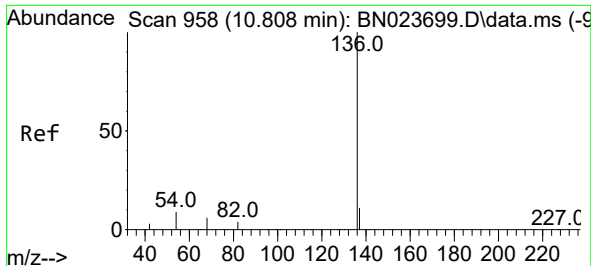
Tgt Ion: 99 Resp: 2961
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.0
71 35.9 28.7 43.1



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.421 min Scan# 601
Delta R.T. 0.007 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion: 93 Resp: 1293
Ion Ratio Lower Upper
93 100
63 74.0 61.8 92.6
95 31.5 25.9 38.9

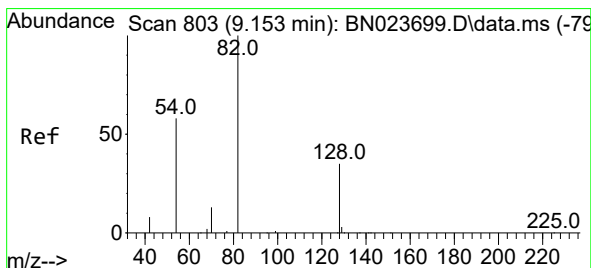
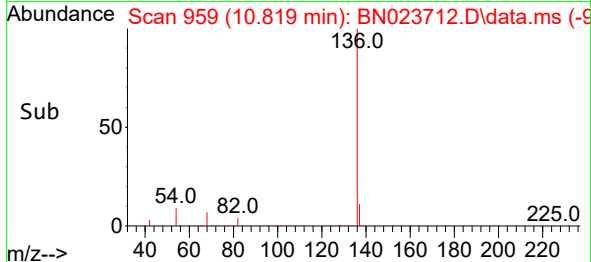
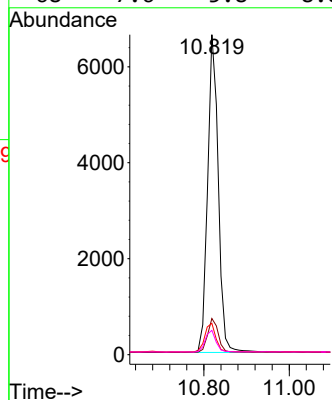
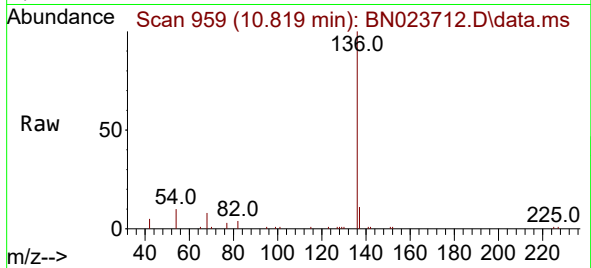




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.819 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

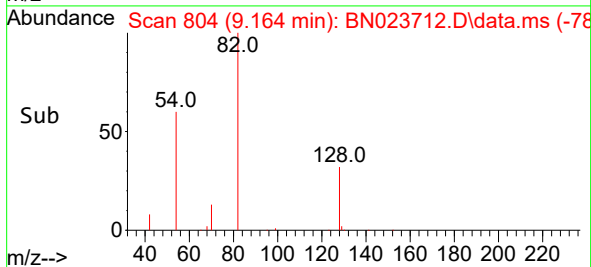
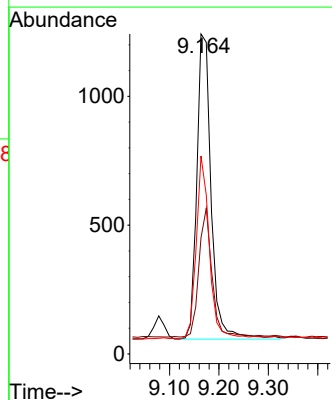
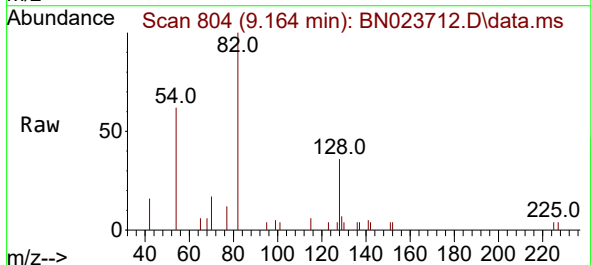
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MDL-SOIL-03-QT3-2022

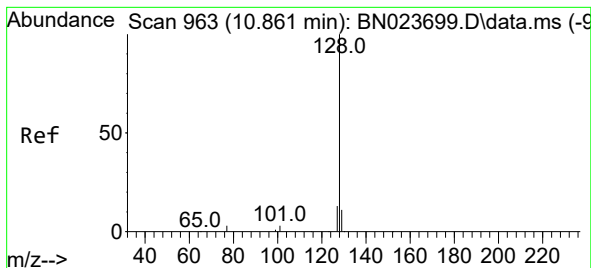
Tgt Ion:	136	Resp:	11478
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.8	7.5	11.3
68	7.6	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.164 min Scan# 804
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:	82	Resp:	2389
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.2	45.2
54	61.8	47.3	70.9





#9

Naphthalene

Concen: 0.103 ng

RT: 10.872 min Scan# 90

Delta R.T. 0.011 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

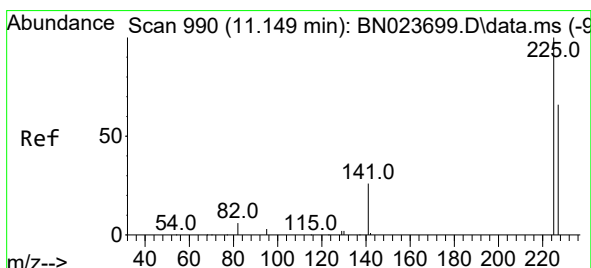
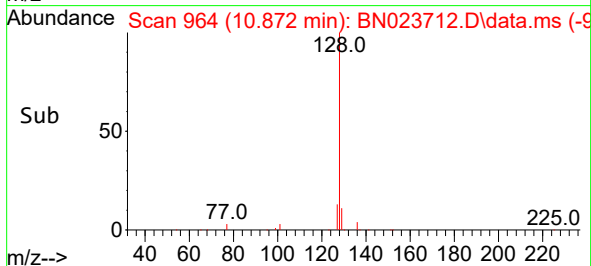
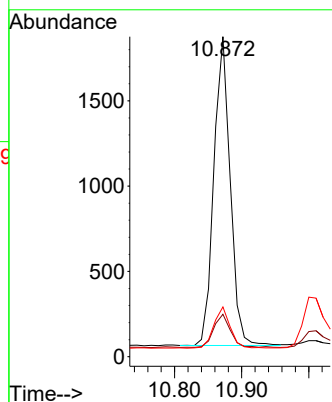
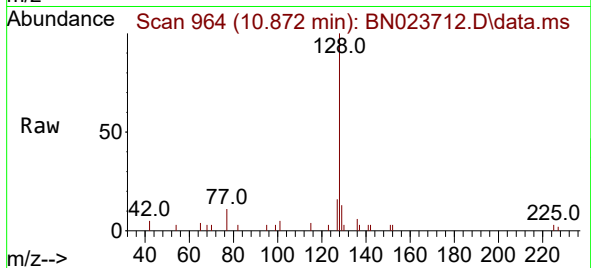
Tgt Ion:128 Resp: 3064

Ion Ratio Lower Upper

128 100

129 13.3 9.2 13.8

127 15.6 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.105 ng

RT: 11.160 min Scan# 991

Delta R.T. 0.011 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

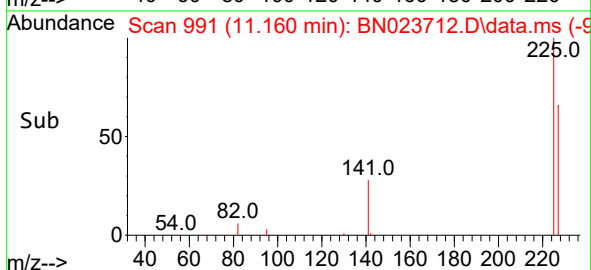
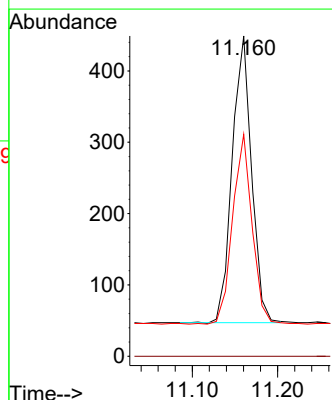
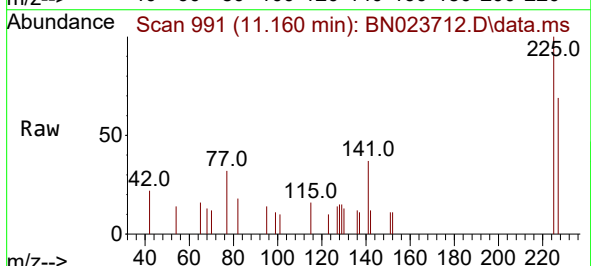
Tgt Ion:225 Resp: 634

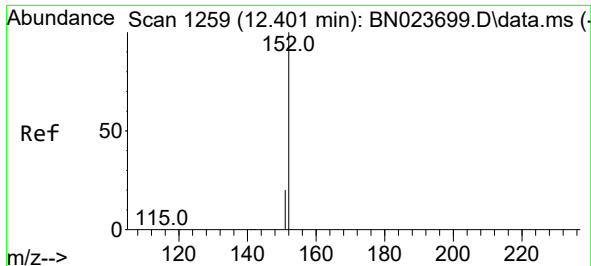
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 66.4 51.0 76.6





#11

2-Methylnaphthalene-d10

Concen: 0.478 ng

RT: 12.412 min Scan# 1262

Delta R.T. 0.008 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

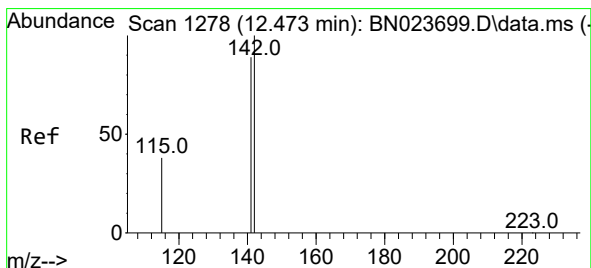
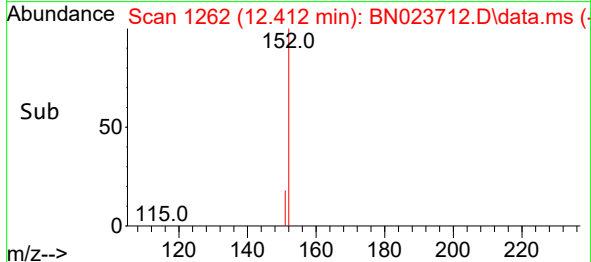
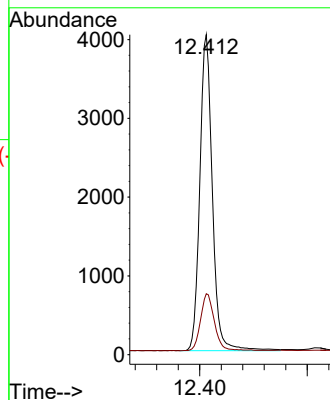
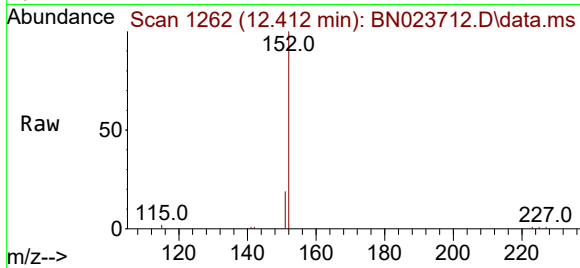
MDL-SOIL-03-QT3-2022

Tgt Ion:152 Resp: 7580

Ion Ratio Lower Upper

152 100

151 17.0 17.1 25.7#



#12

2-Methylnaphthalene

Concen: 0.104 ng

RT: 12.484 min Scan# 1281

Delta R.T. 0.004 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

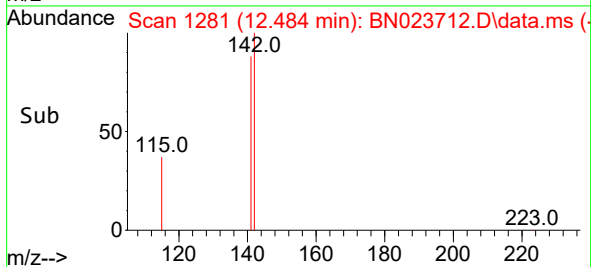
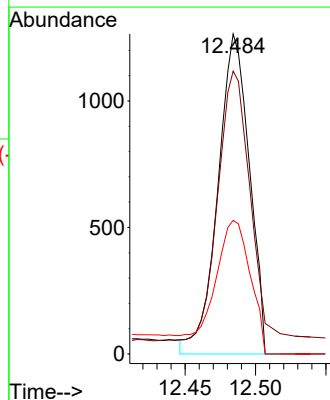
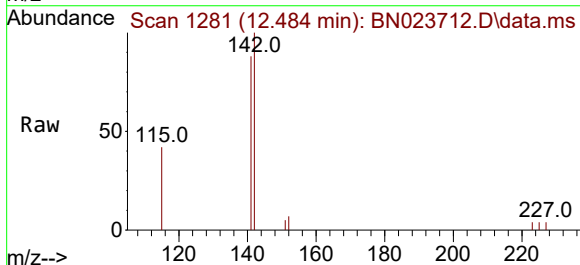
Tgt Ion:142 Resp: 2174

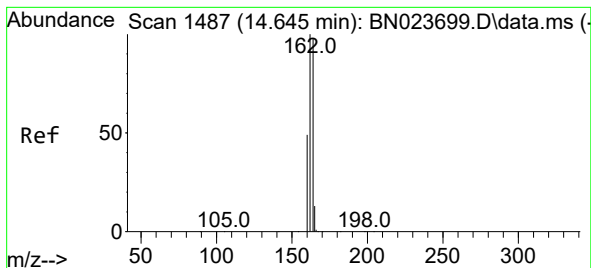
Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.0

115 41.7 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.656 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

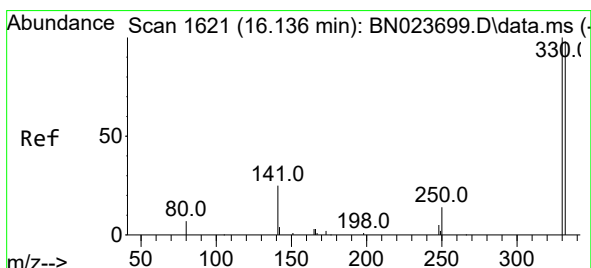
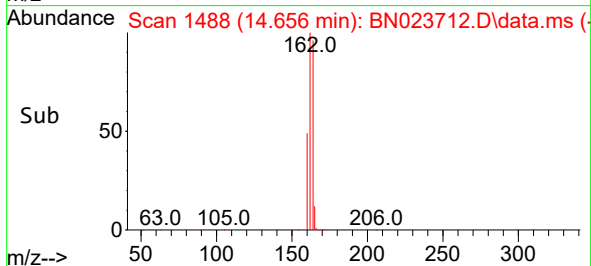
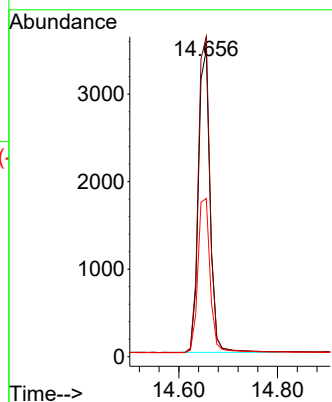
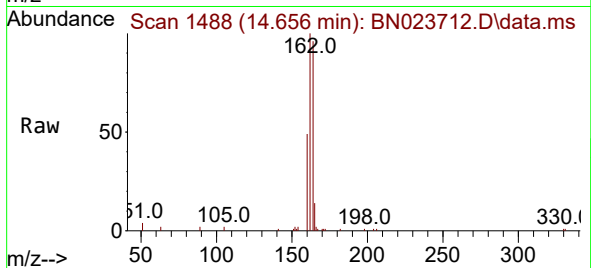
Tgt Ion:164 Resp: 5670

Ion Ratio Lower Upper

164 100

162 104.3 81.8 122.6

160 51.6 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.221 ng

RT: 16.148 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

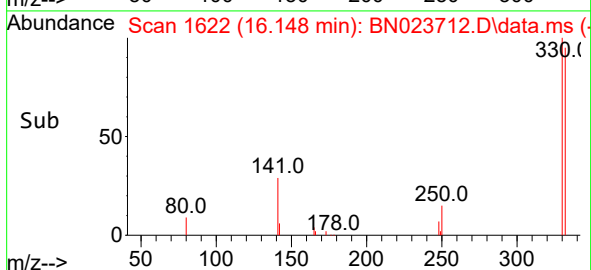
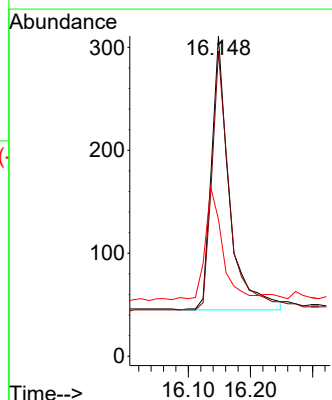
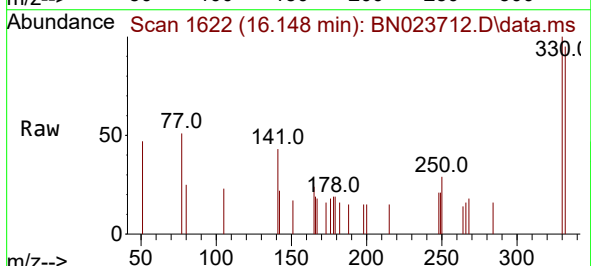
Tgt Ion:330 Resp: 532

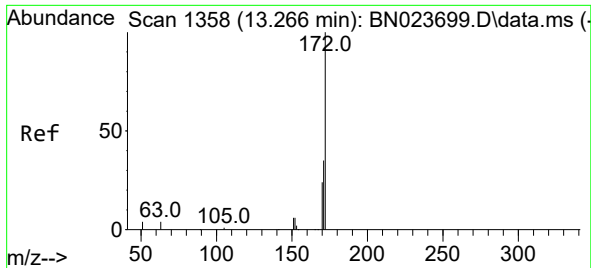
Ion Ratio Lower Upper

330 100

332 95.3 77.6 116.4

141 37.8 35.0 52.4

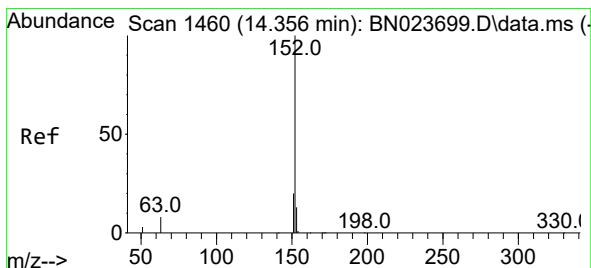
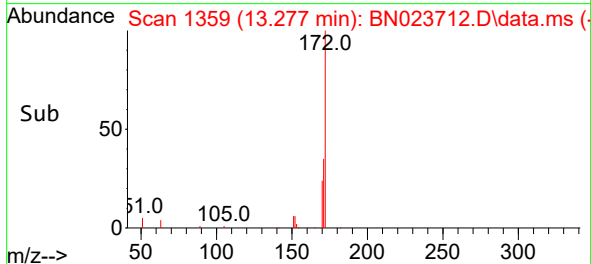
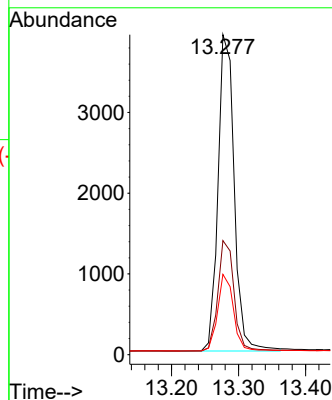
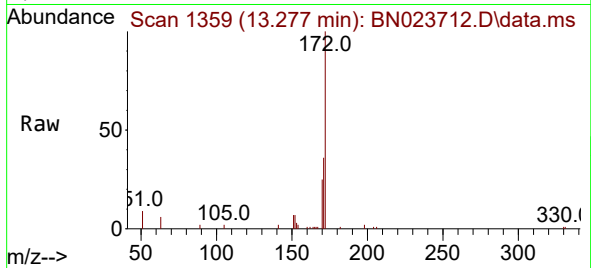




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.277 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

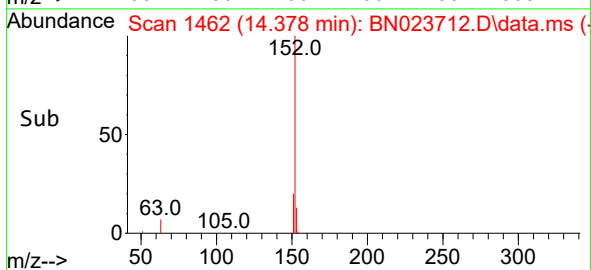
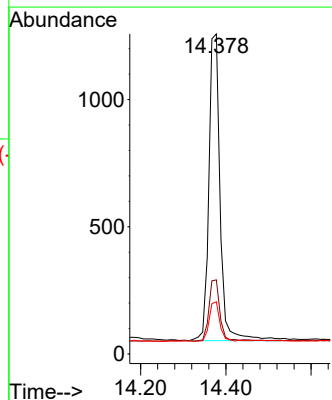
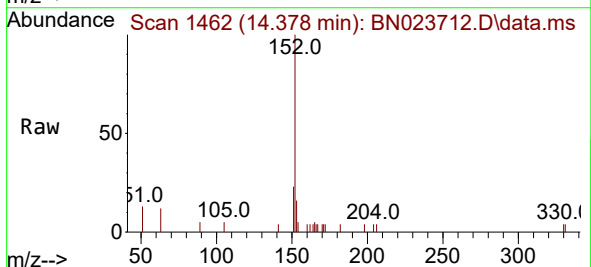
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

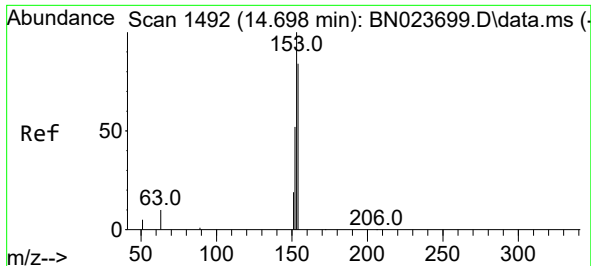
Tgt Ion:172 Resp: 6591
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 25.1 20.0 30.0



#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.378 min Scan# 1462
Delta R.T. 0.011 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:152 Resp: 2210
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.2 10.4 15.6

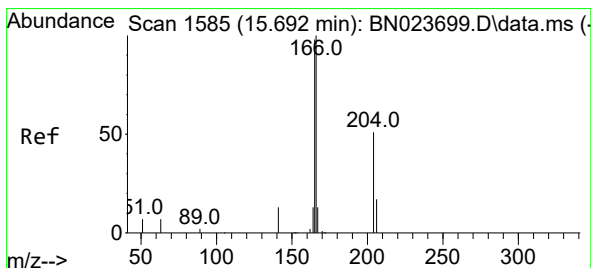
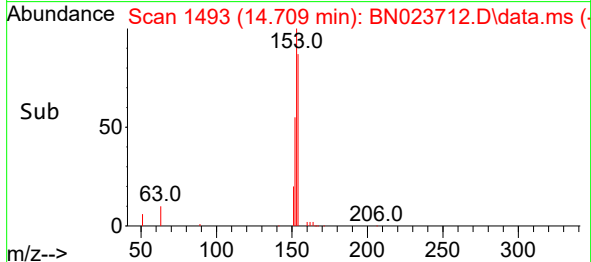
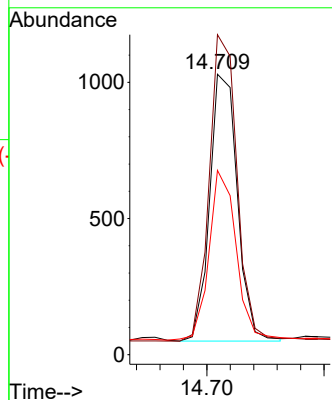
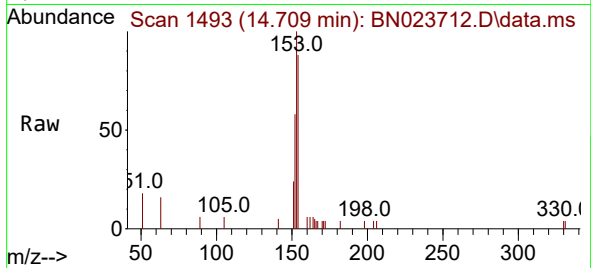




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.709 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

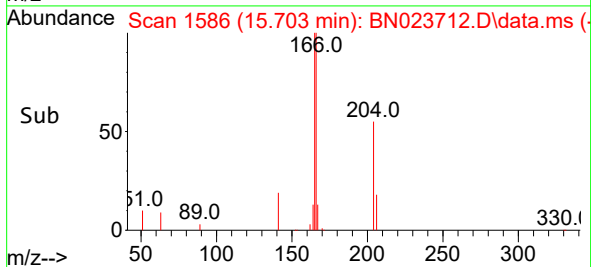
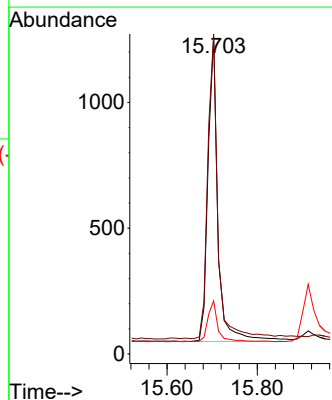
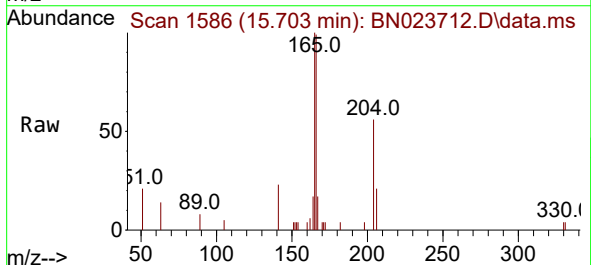
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

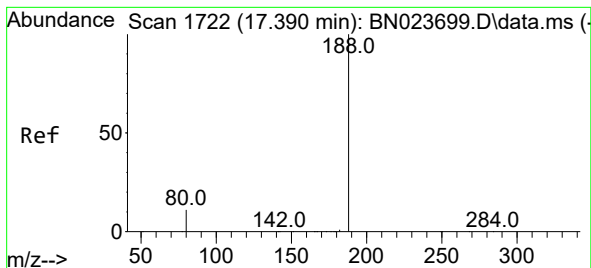
Tgt Ion:154 Resp: 1604
Ion Ratio Lower Upper
154 100
153 117.1 93.3 139.9
152 63.9 48.1 72.1



#18
Fluorene
Concen: 0.085 ng
RT: 15.703 min Scan# 1586
Delta R.T. 0.011 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:166 Resp: 1947
Ion Ratio Lower Upper
166 100
165 101.6 80.6 121.0
167 13.7 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

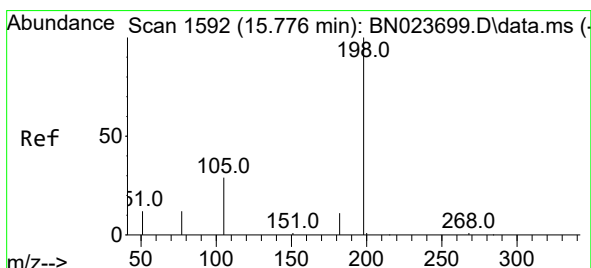
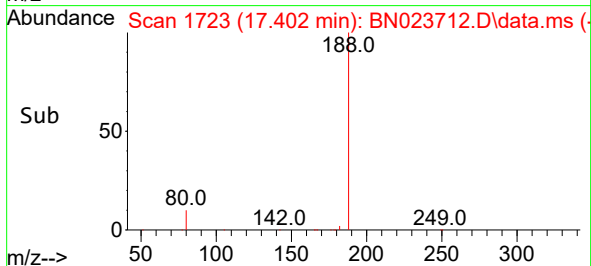
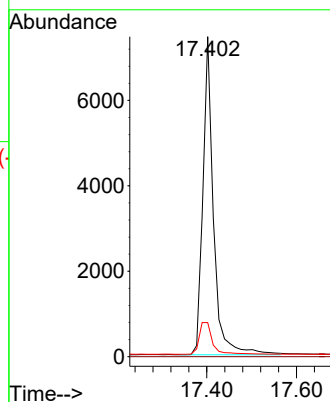
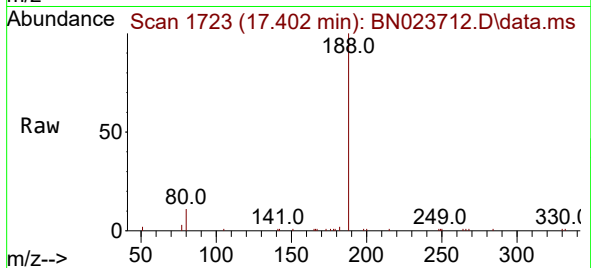
Tgt Ion:188 Resp: 12156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 9.5 14.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.079 ng

RT: 15.789 min Scan# 1593

Delta R.T. 0.012 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

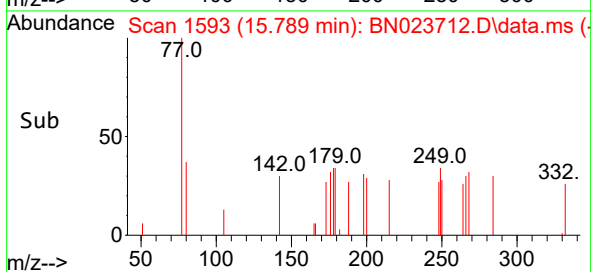
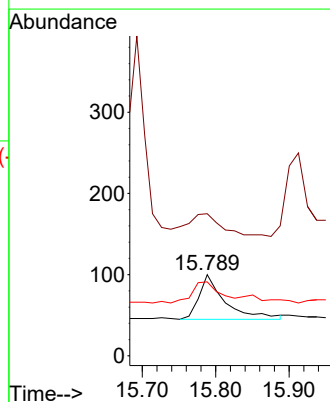
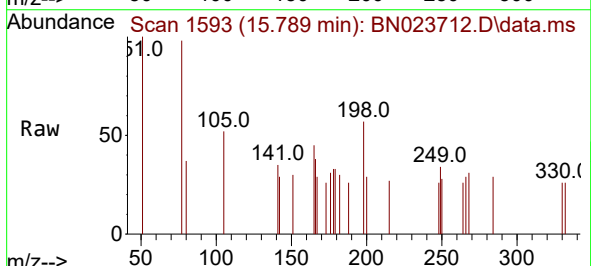
Tgt Ion:198 Resp: 136

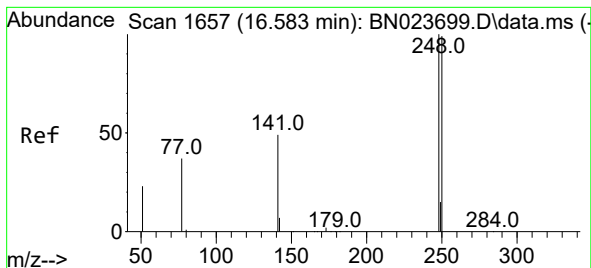
Ion Ratio Lower Upper

198 100

51 175.0 54.3 81.5#

105 91.0 38.6 58.0#

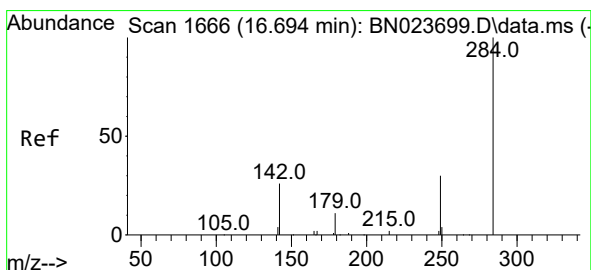
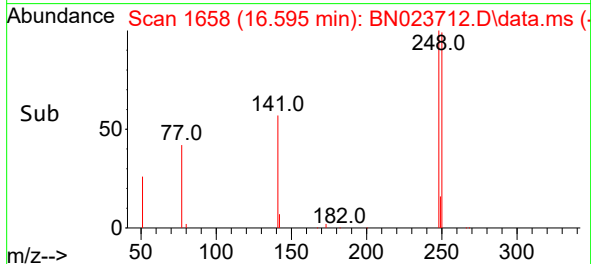
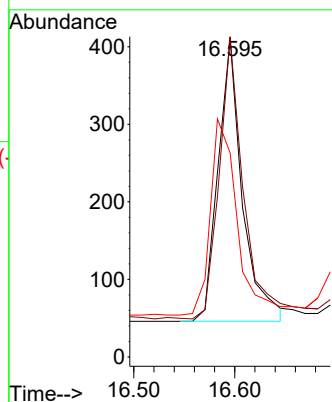
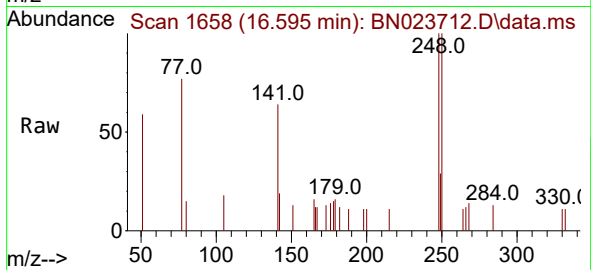




#21
4-Bromophenyl-phenylether
Concen: 0.087 ng
RT: 16.595 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

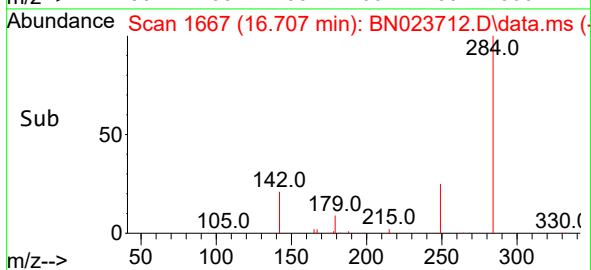
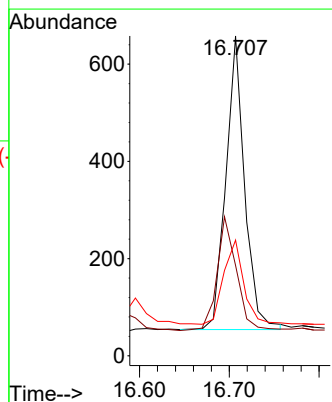
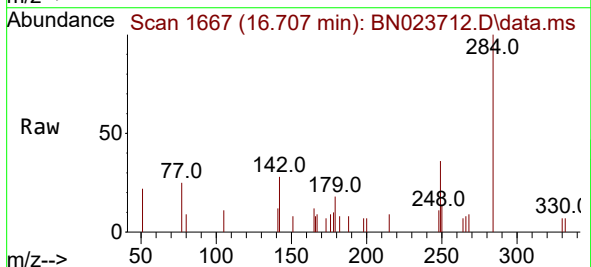
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

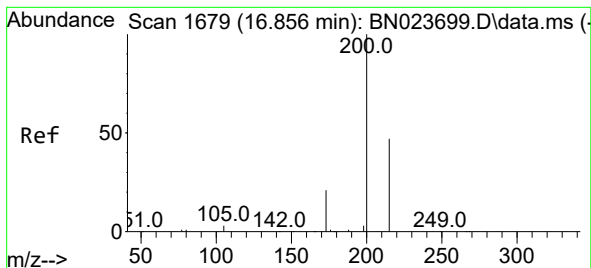
Tgt Ion:248 Resp: 608
Ion Ratio Lower Upper
248 100
250 100.5 79.4 119.0
141 64.0 40.2 60.4#



#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:284 Resp: 880
Ion Ratio Lower Upper
284 100
142 40.1 32.3 48.5
249 30.8 25.0 37.4





#23

Atrazine

Concen: 0.090 ng

RT: 16.868 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

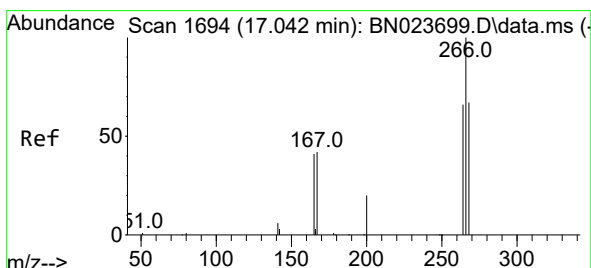
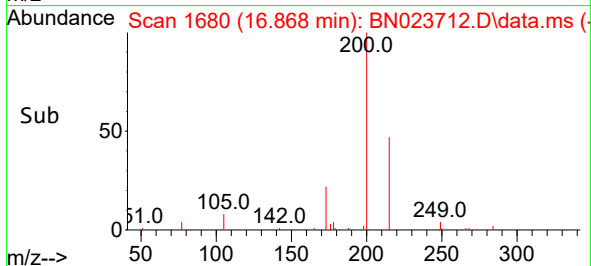
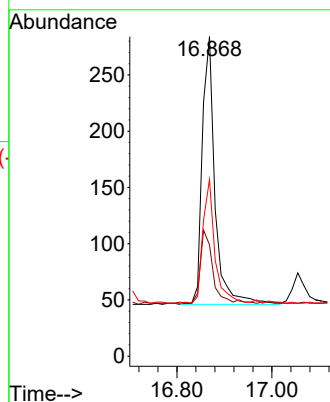
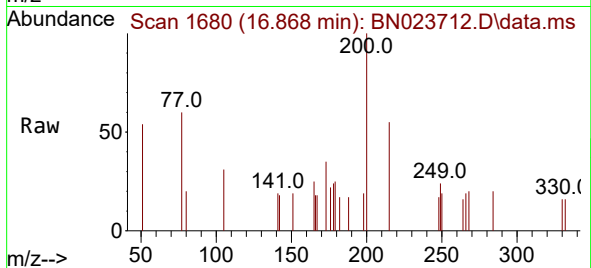
Tgt Ion:200 Resp: 446

Ion Ratio Lower Upper

200 100

173 34.9 19.0 28.4#

215 55.3 39.2 58.8



#24

Pentachlorophenol

Concen: 0.087 ng

RT: 17.055 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

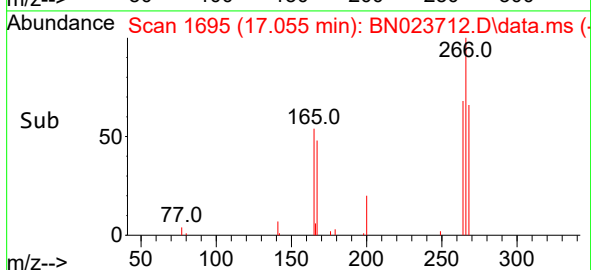
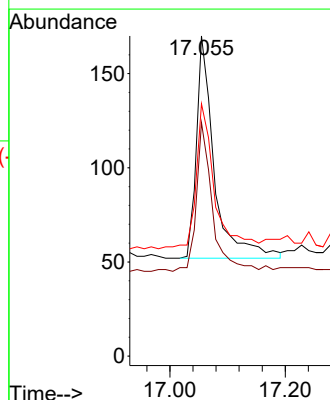
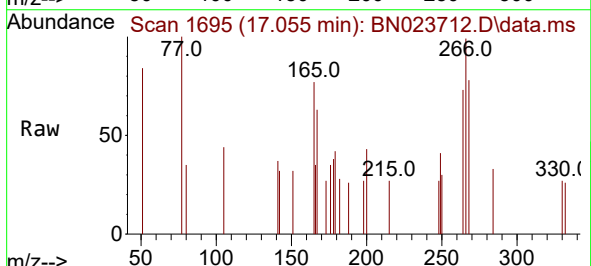
Tgt Ion:266 Resp: 254

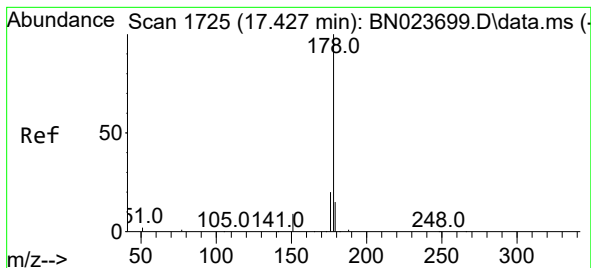
Ion Ratio Lower Upper

266 100

264 55.9 51.4 77.2

268 66.5 52.3 78.5





#25

Phenanthrene

Concen: 0.093 ng

RT: 17.439 min Scan# 1725

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

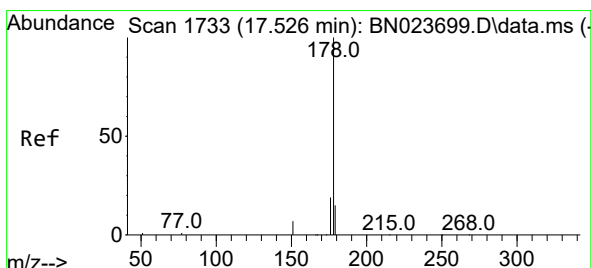
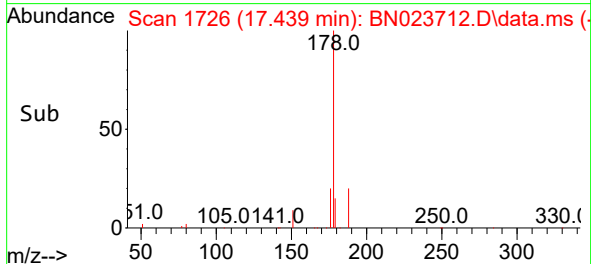
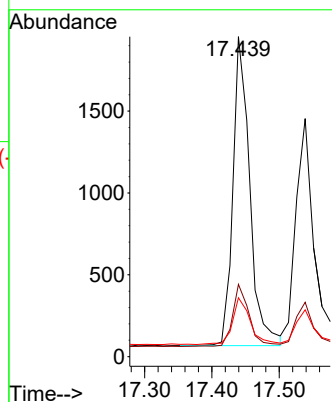
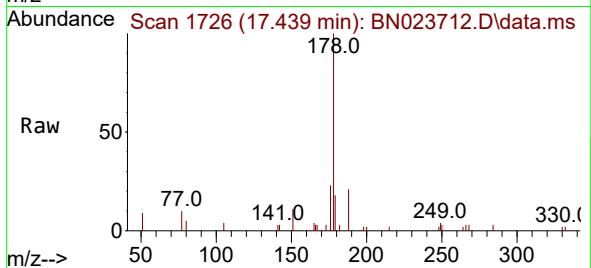
Tgt Ion:178 Resp: 3275

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 16.0 12.2 18.4



#26

Anthracene

Concen: 0.090 ng

RT: 17.539 min Scan# 1734

Delta R.T. 0.012 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

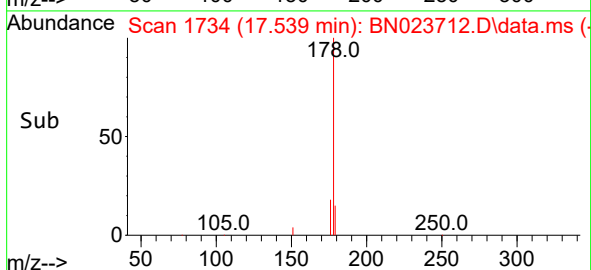
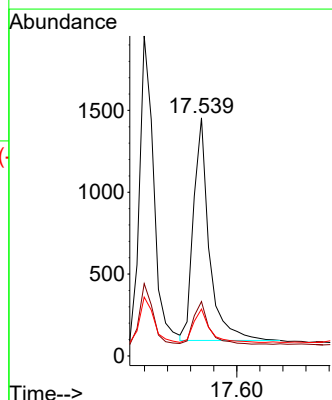
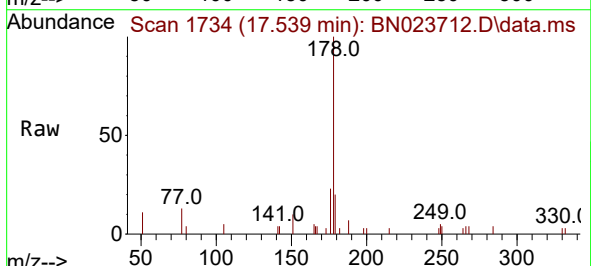
Tgt Ion:178 Resp: 2572

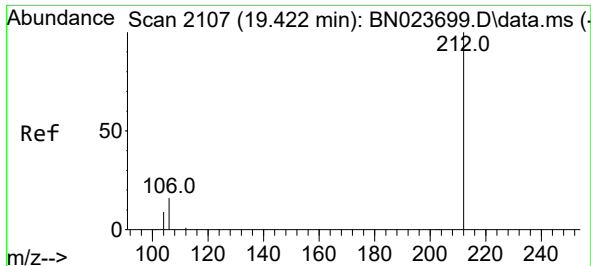
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.0 12.0 18.0

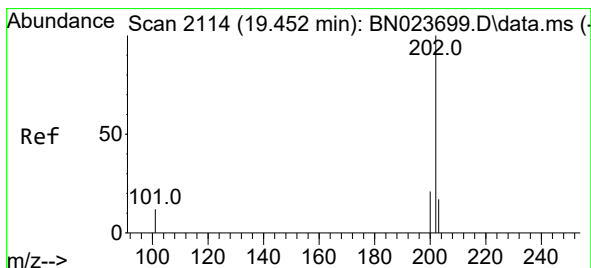
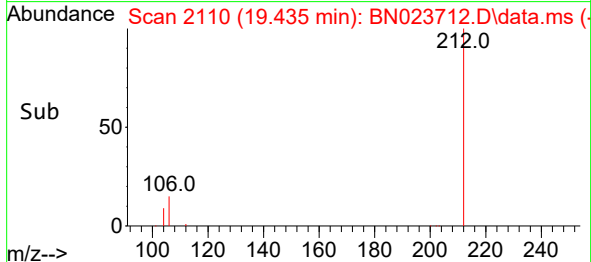
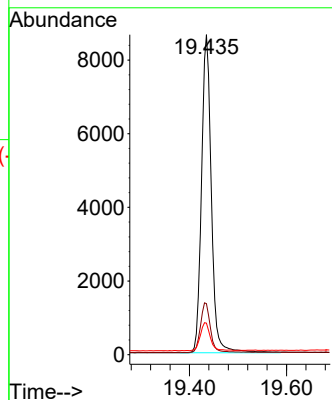
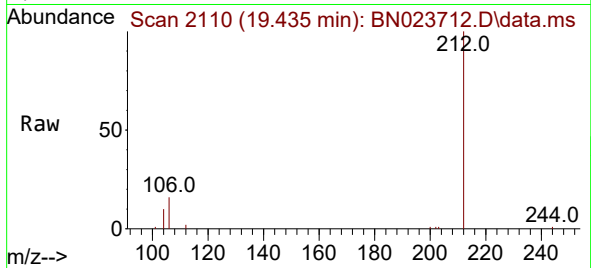




#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

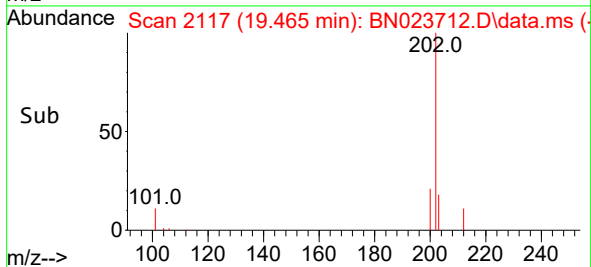
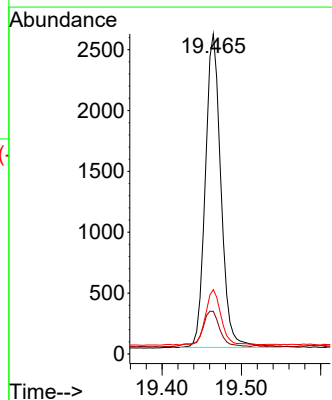
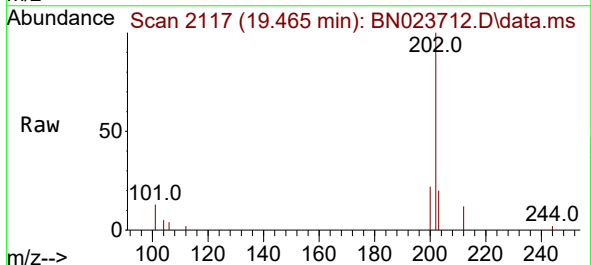
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

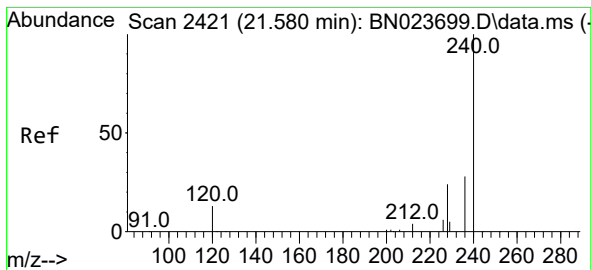
Tgt Ion:212 Resp: 12162
Ion Ratio Lower Upper
212 100
106 15.8 12.4 18.6
104 9.0 7.1 10.7



#28
Fluoranthene
Concen: 0.091 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:202 Resp: 3509
Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
203 17.8 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.589 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

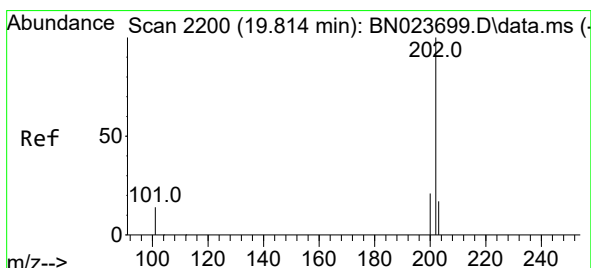
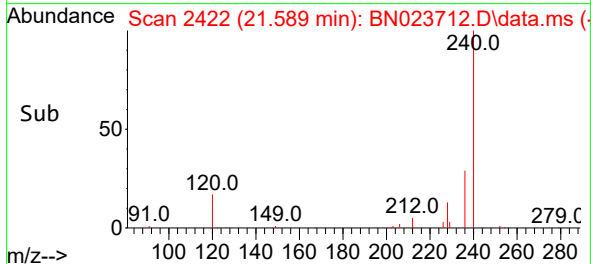
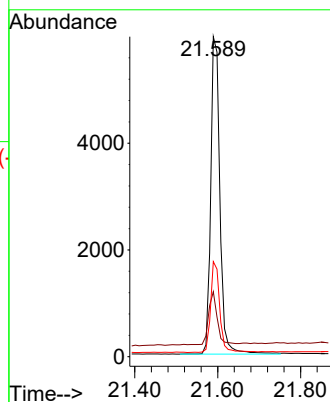
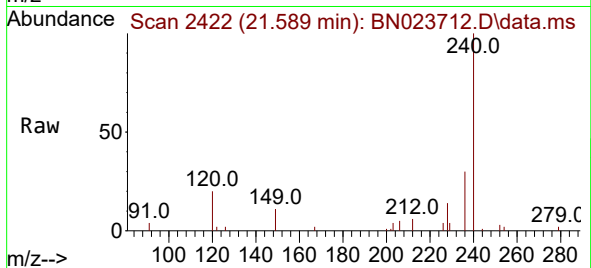
Tgt Ion:240 Resp: 9136

Ion Ratio Lower Upper

240 100

120 20.3 12.0 18.0#

236 29.7 22.8 34.2



#30

Pyrene

Concen: 0.102 ng

RT: 19.827 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

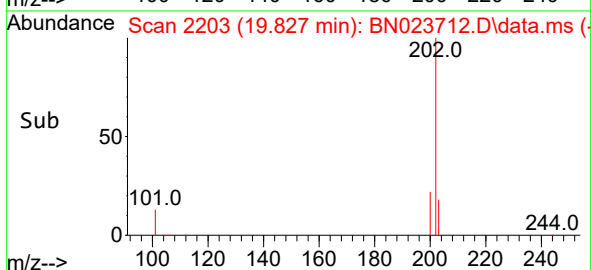
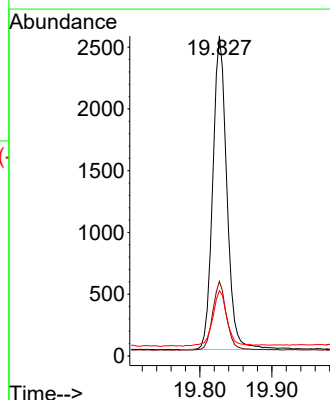
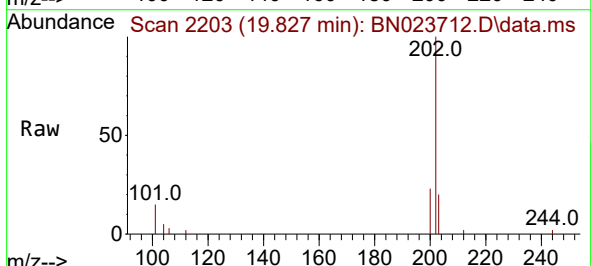
Tgt Ion:202 Resp: 3448

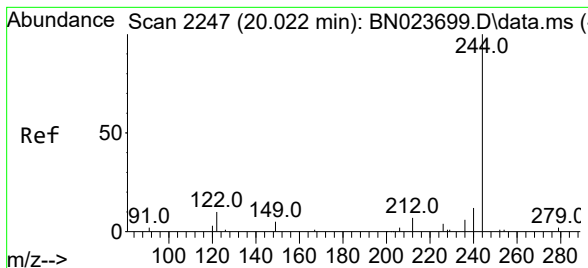
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 18.3 14.4 21.6





#31

Terphenyl-d14

Concen: 0.324 ng

RT: 20.031 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

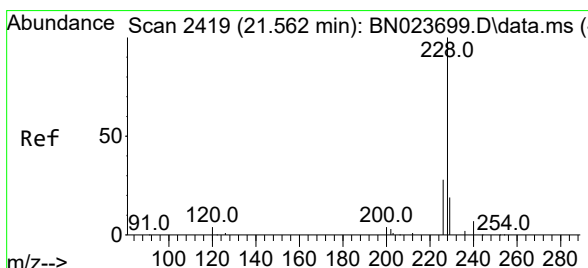
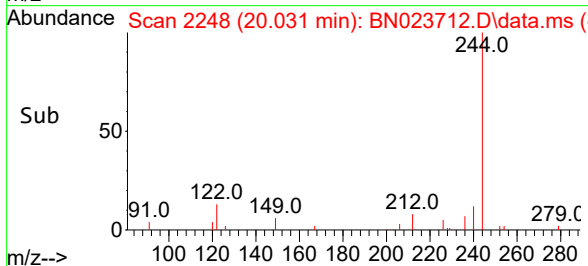
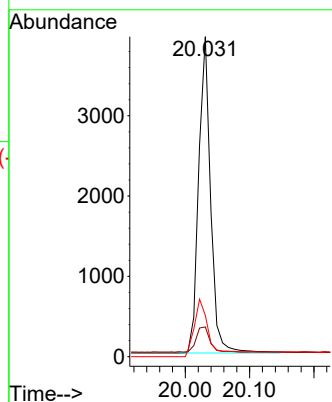
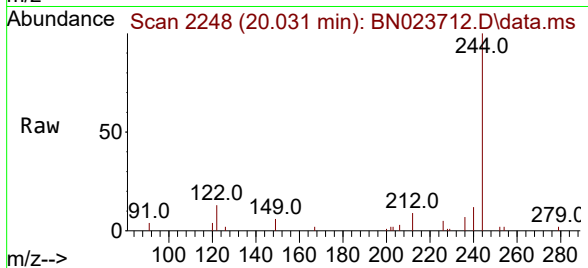
Tgt Ion:244 Resp: 4665

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

122 12.9 7.6 11.4#



#32

Benzo(a)anthracene

Concen: 0.092 ng

RT: 21.580 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

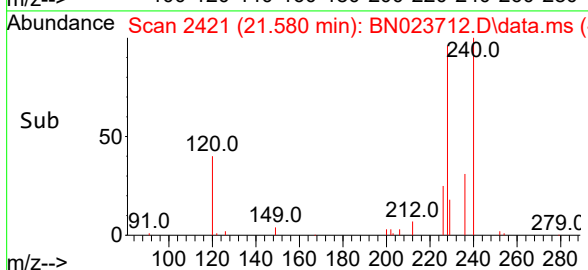
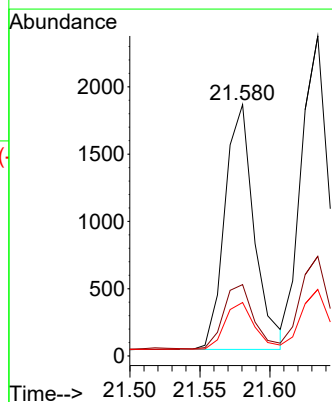
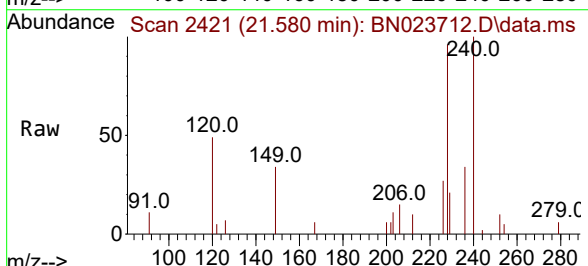
Tgt Ion:228 Resp: 2664

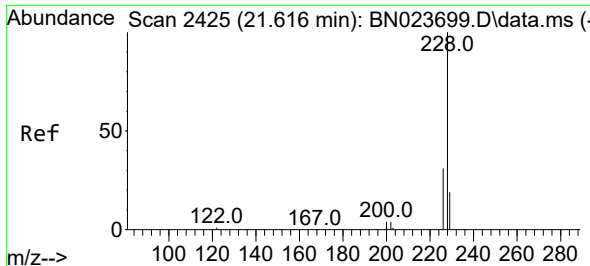
Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

229 21.3 15.5 23.3





#33

Chrysene

Concen: 0.100 ng

RT: 21.634 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

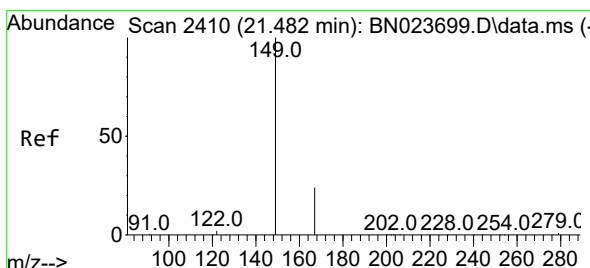
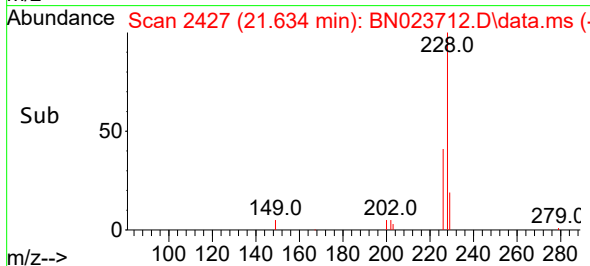
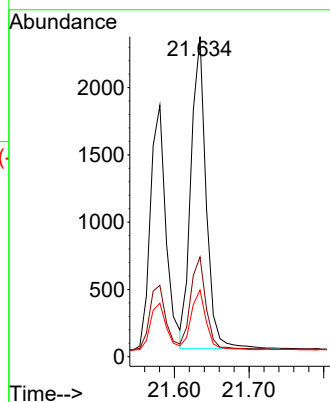
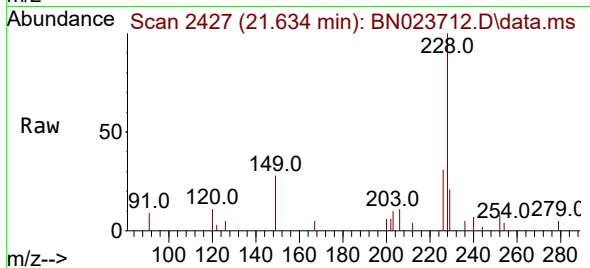
Tgt Ion:228 Resp: 3251

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 20.8 15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.131 ng

RT: 21.500 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

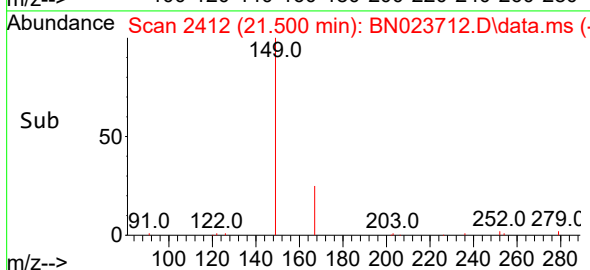
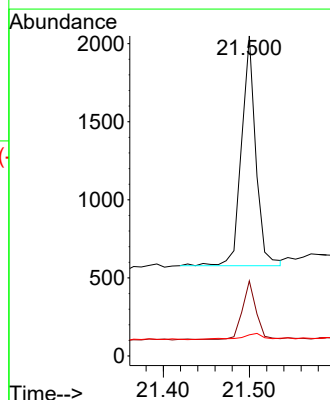
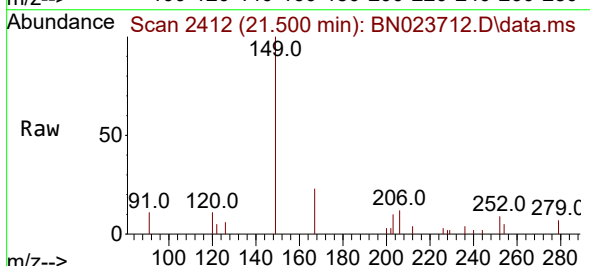
Tgt Ion:149 Resp: 1701

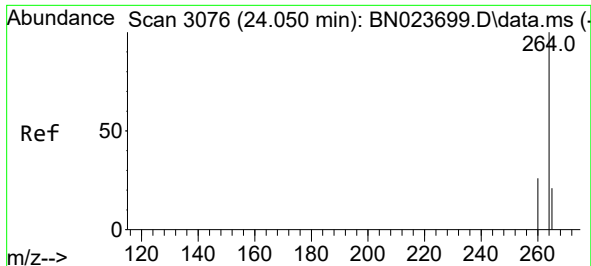
Ion Ratio Lower Upper

149 100

167 23.9 19.8 29.8

279 4.2 2.5 3.7#

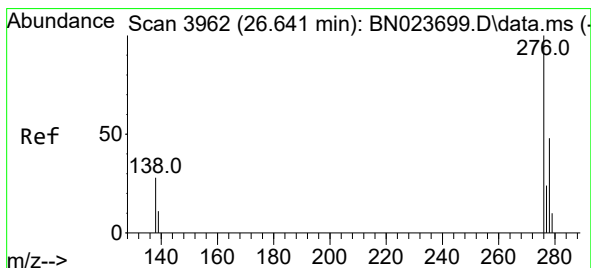
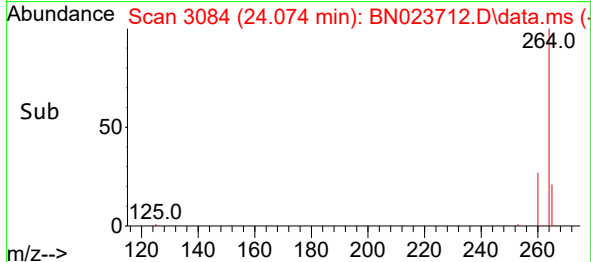
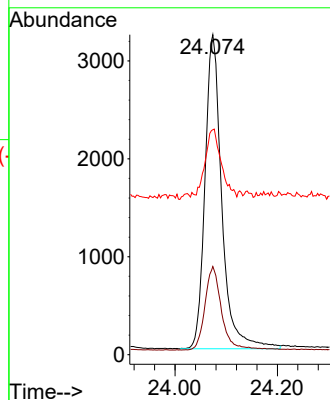
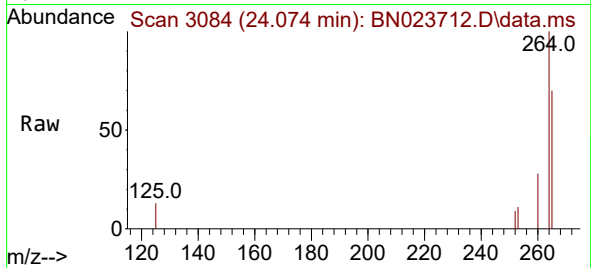




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.074 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

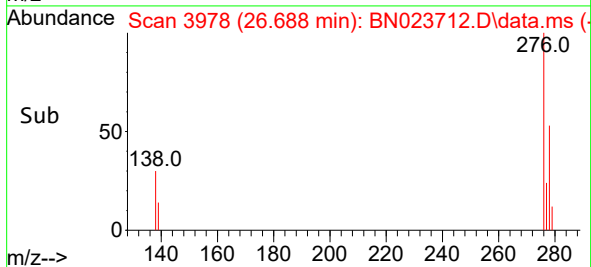
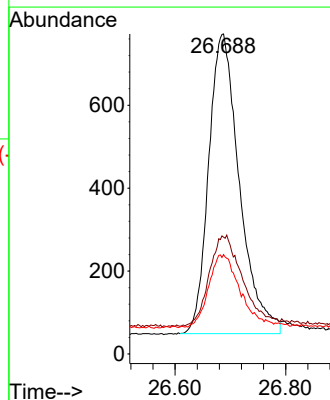
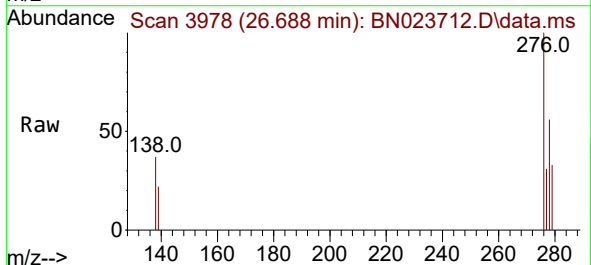
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

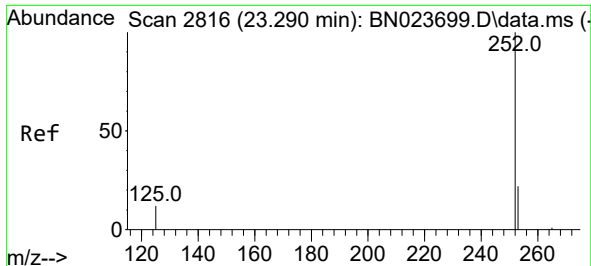
Tgt Ion:264 Resp: 7312
Ion Ratio Lower Upper
264 100
260 27.5 21.0 31.6
265 70.3 49.9 74.9



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.688 min Scan# 3978
Delta R.T. 0.009 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:276 Resp: 2795
Ion Ratio Lower Upper
276 100
138 33.1 24.0 36.0
277 10.8 19.8 29.8#

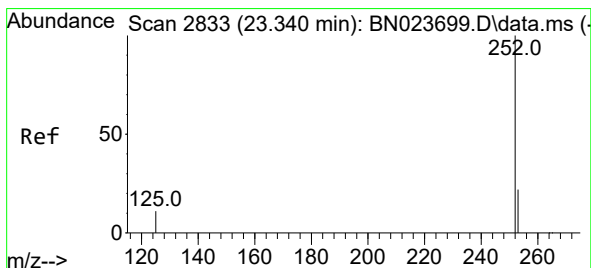
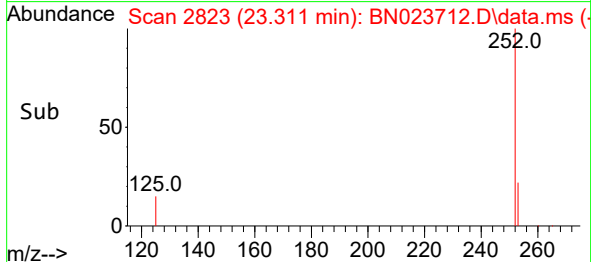
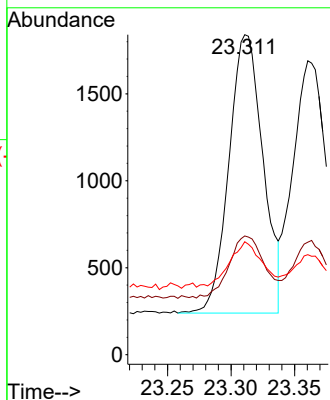
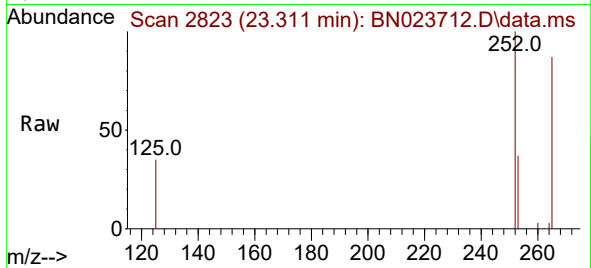




#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.311 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

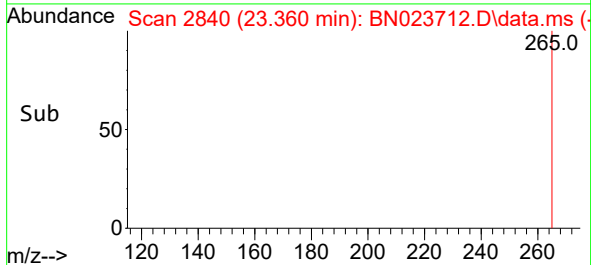
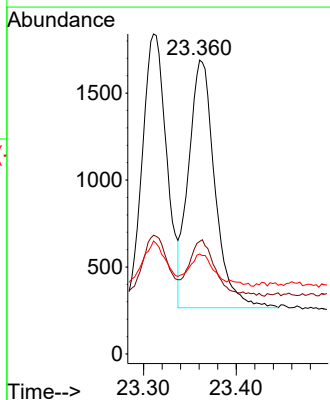
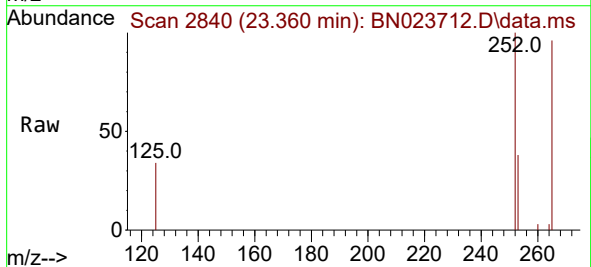
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

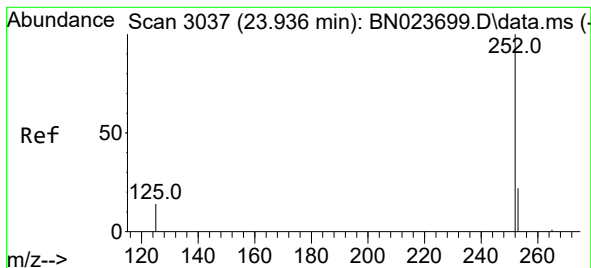
Tgt Ion:252 Resp: 2988
Ion Ratio Lower Upper
252 100
253 37.1 19.9 29.9#
125 35.3 13.2 19.8#



#38
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 23.360 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

Tgt Ion:252 Resp: 2818
Ion Ratio Lower Upper
252 100
253 38.3 20.2 30.2#
125 34.0 12.8 19.2#





#39

Benzo(a)pyrene

Concen: 0.107 ng

RT: 23.963 min Scan# 3037

Delta R.T. 0.003 min

Lab File: BN023712.D

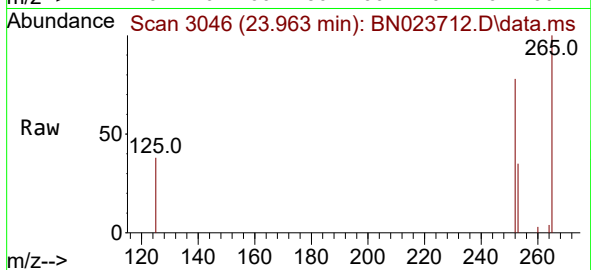
Acq: 19 Jan 2023 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022



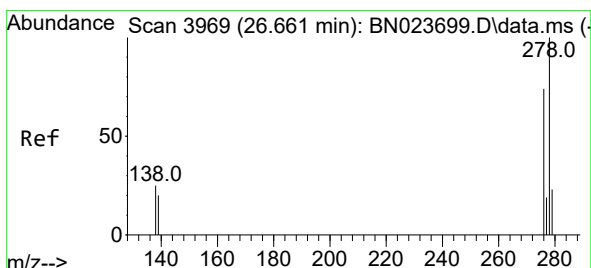
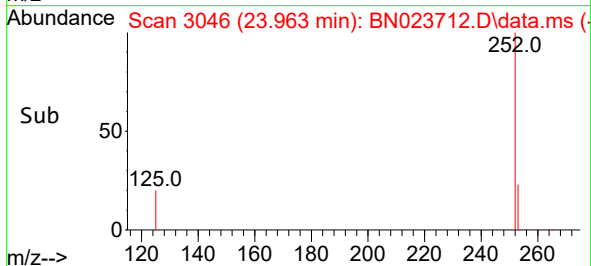
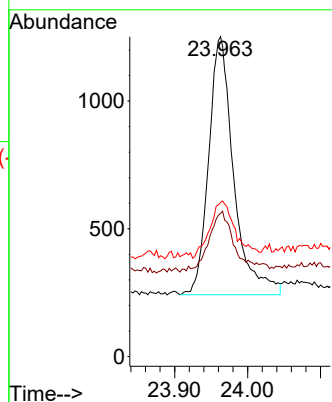
Tgt Ion:252 Resp: 2408

Ion Ratio Lower Upper

252 100

253 44.7 22.4 33.6#

125 48.2 17.7 26.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 26.708 min Scan# 3985

Delta R.T. 0.006 min

Lab File: BN023712.D

Acq: 19 Jan 2023 10:37

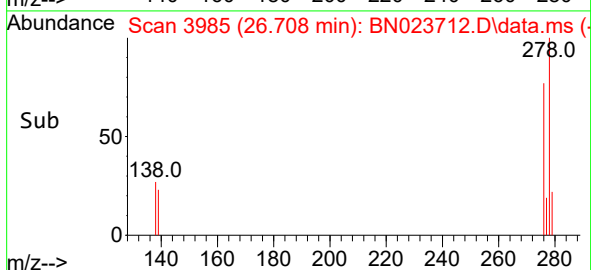
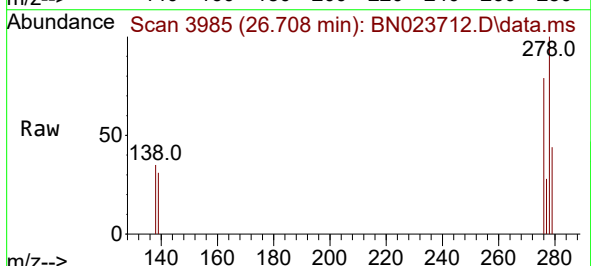
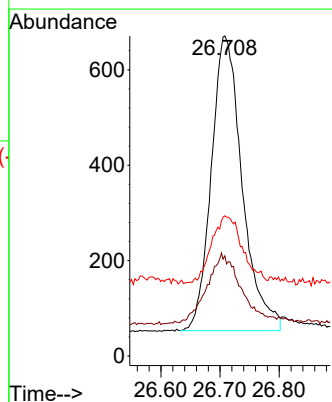
Tgt Ion:278 Resp: 2247

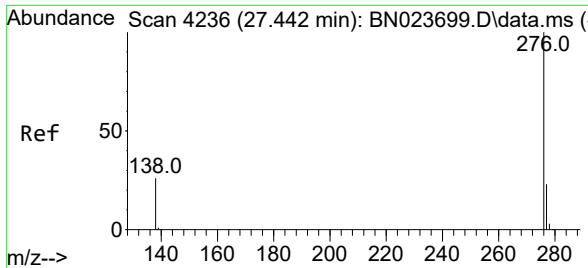
Ion Ratio Lower Upper

278 100

139 31.3 17.2 25.8#

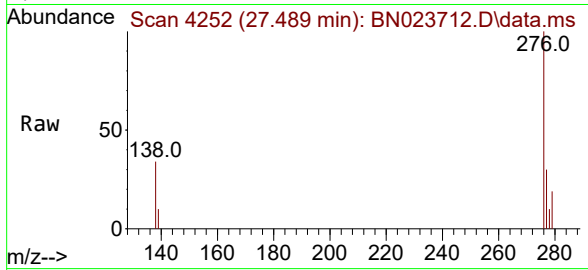
279 43.8 21.4 32.2#





#41
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.489 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN023712.D
Acq: 19 Jan 2023 10:37

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



Tgt Ion:	276	Resp:	2549
Ion	Ratio	Lower	Upper
276	100		
277	29.7	19.4	29.0#
138	33.7	21.8	32.8#

