

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
 Data File : BN023119.D
 Acq On : 10 Dec 2022 12:53
 Operator : CG/JU
 Sample : N4955-03
 Misc : MDL-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Quant Time: Dec 12 05:27:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:27:14 2022
 Response via : Initial Calibration

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

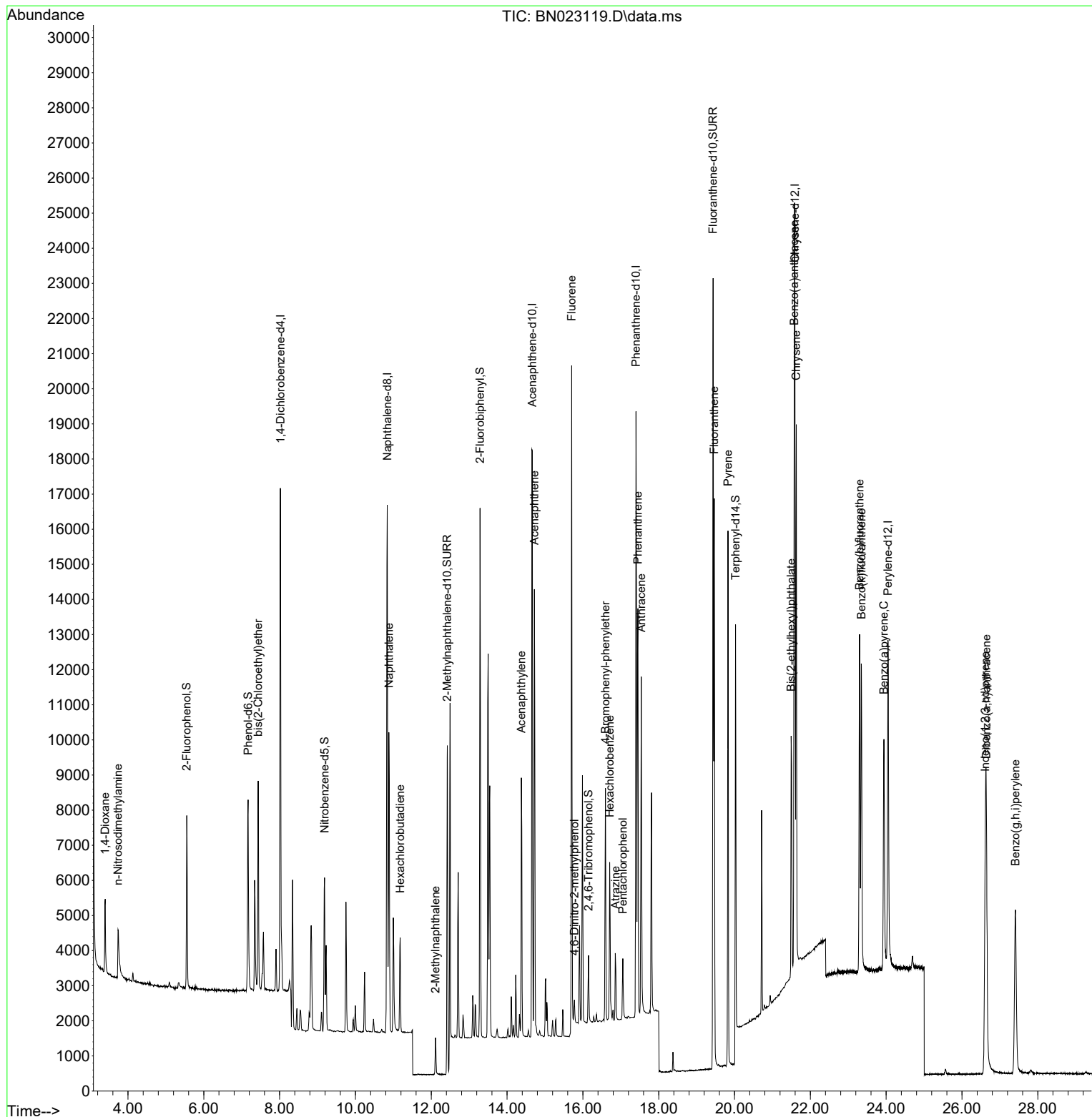
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6872	0.400	ng	0.00
7) Naphthalene-d8	10.839	136	20040	0.400	ng	0.00
13) Acenaphthene-d10	14.666	164	10128	0.400	ng	0.01
19) Phenanthrene-d10	17.402	188	21929	0.400	ng	# 0.00
29) Chrysene-d12	21.593	240	17179	0.400	ng	0.00
35) Perylene-d12	24.048	264	13875	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	4046	0.316	ng	0.00
5) Phenol-d6	7.168	99	5040	0.310	ng	0.00
8) Nitrobenzene-d5	9.184	82	3660	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	15758	0.464	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1047	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12214	0.302	ng	0.00
27) Fluoranthene-d10	19.435	212	24052	0.469	ng	0.00
31) Terphenyl-d14	20.026	244	7932	0.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	1494	0.220	ng	98
3) n-Nitrosodimethylamine	3.737	42	1310	0.197	ng	# 99
6) bis(2-Chloroethyl)ether	7.435	93	4321	0.234	ng	99
9) Naphthalene	10.882	128	11059	0.217	ng	98
10) Hexachlorobutadiene	11.181	225	2201	0.226	ng	# 99
12) 2-Methylnaphthalene	12.113	142	1504	0.198	ng	# 92
16) Acenaphthylene	14.377	152	8286	0.203	ng	99
17) Acenaphthene	14.719	154	6188	0.206	ng	96
18) Fluorene	15.703	166	7052	0.210	ng	99
20) 4,6-Dinitro-2-methylph...	15.776	198	423	0.135	ng	# 67
21) 4-Bromophenyl-phenylether	16.595	248	2492	0.213	ng	# 89
22) Hexachlorobenzene	16.706	284	3389	0.221	ng	99
23) Atrazine	16.855	200	1524	0.185	ng	# 90
24) Pentachlorophenol	17.054	266	900	0.169	ng	98
25) Phenanthrene	17.451	178	13205	0.202	ng	99
26) Anthracene	17.538	178	10350	0.199	ng	99
28) Fluoranthene	19.464	202	13964	0.200	ng	98
30) Pyrene	19.827	202	13422	0.213	ng	100
32) Benzo(a)anthracene	21.575	228	10654	0.193	ng	99
33) Chrysene	21.629	228	13271	0.213	ng	100
34) Bis(2-ethylhexyl)phtha...	21.495	149	5013	0.214	ng	100
36) Indeno(1,2,3-cd)pyrene	26.615	276	12570	0.202	ng	98
37) Benzo(b)fluoranthene	23.297	252	12477	0.217	ng	# 92
38) Benzo(k)fluoranthene	23.344	252	11786	0.202	ng	# 93
39) Benzo(a)pyrene	23.940	252	10554	0.245	ng	# 87
40) Dibenzo(a,h)anthracene	26.642	278	9953	0.199	ng	96
41) Benzo(g,h,i)perylene	27.411	276	10727	0.201	ng	98

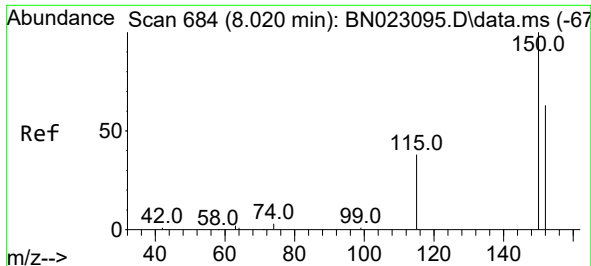
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
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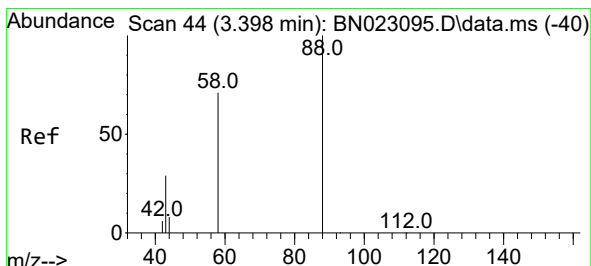
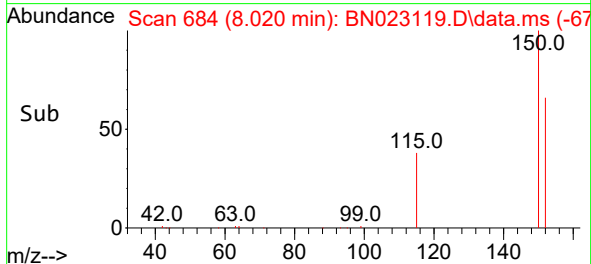
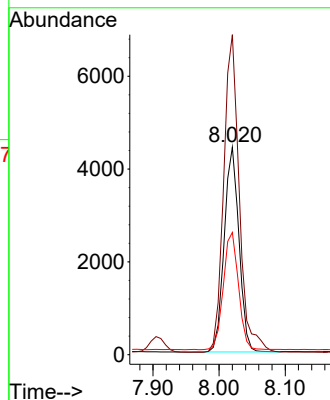
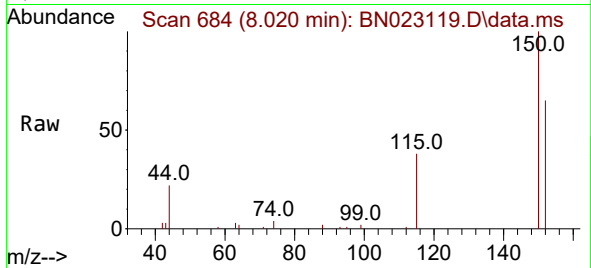




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

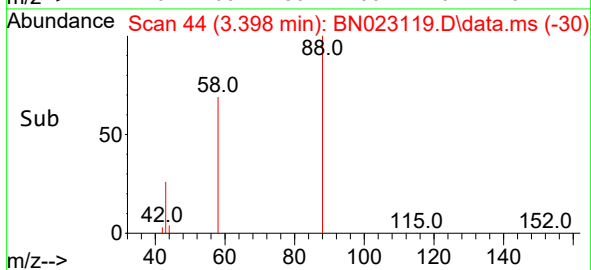
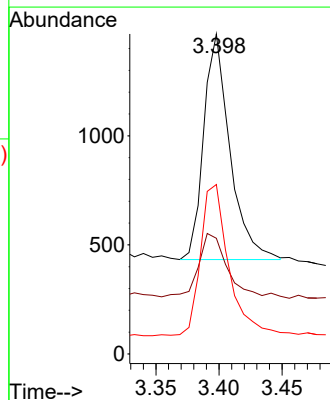
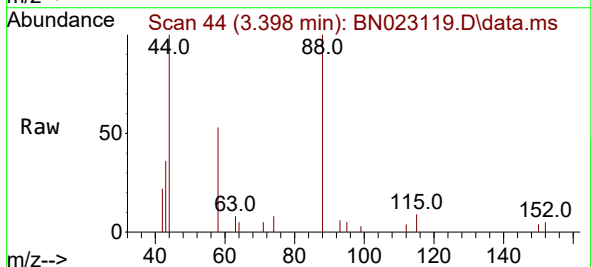
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

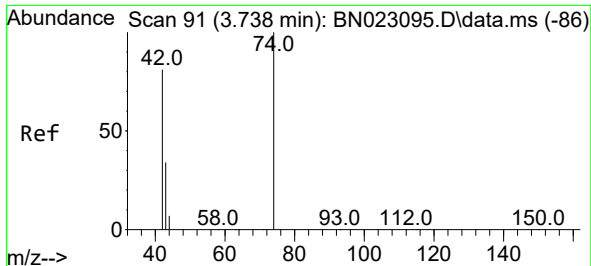
Tgt Ion:152 Resp: 6872
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 58.9 49.0 73.4



#2
1,4-Dioxane
Concen: 0.220 ng
RT: 3.398 min Scan# 44
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion: 88 Resp: 1494
Ion Ratio Lower Upper
88 100
43 32.7 23.3 34.9
58 72.6 58.0 87.0

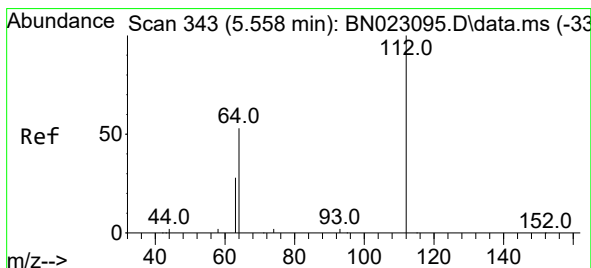
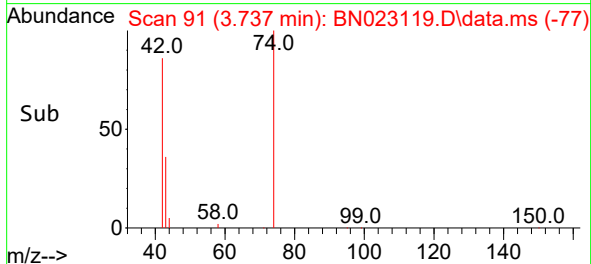
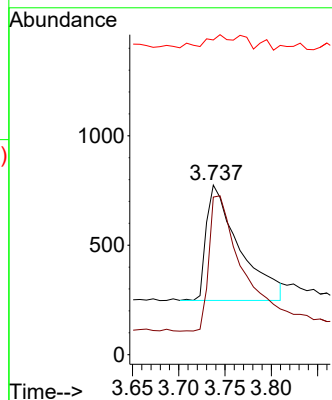
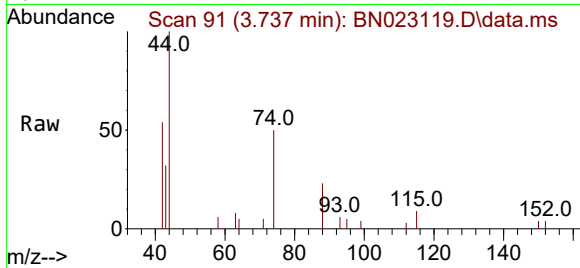




#3
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.737 min Scan# 91
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

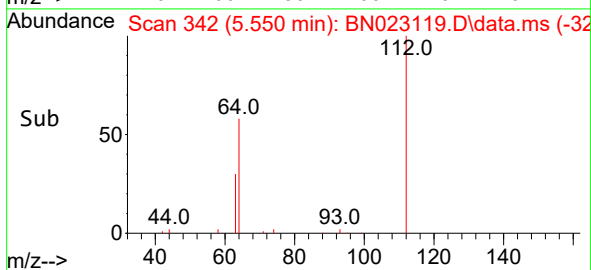
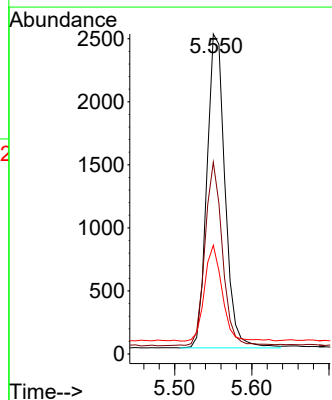
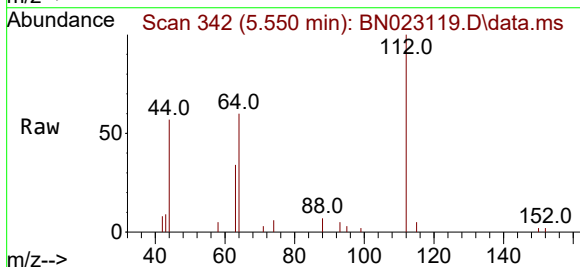
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

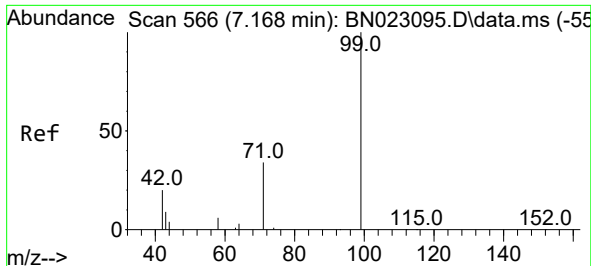
Tgt Ion: 42 Resp: 1310
Ion Ratio Lower Upper
42 100
74 120.5 95.8 143.6
44 8.2 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.550 min Scan# 342
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion: 112 Resp: 4046
Ion Ratio Lower Upper
112 100
64 56.3 44.4 66.6
63 29.5 23.7 35.5

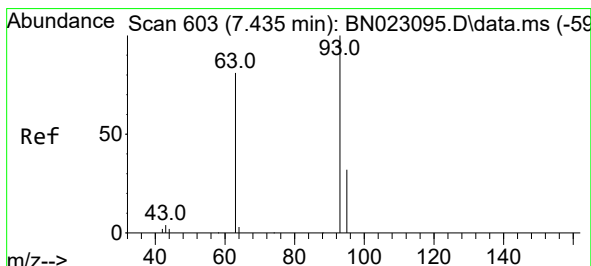
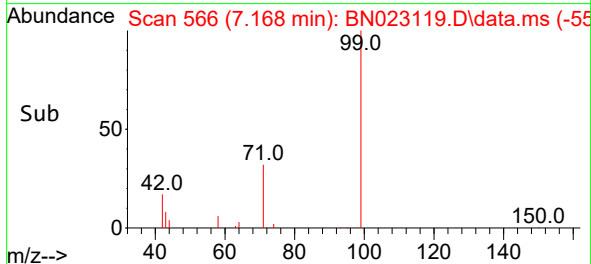
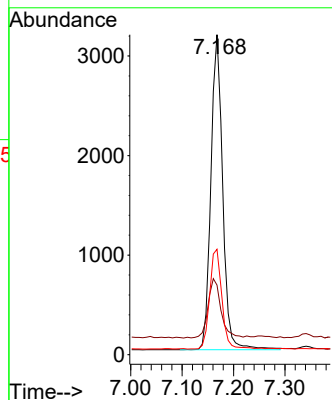
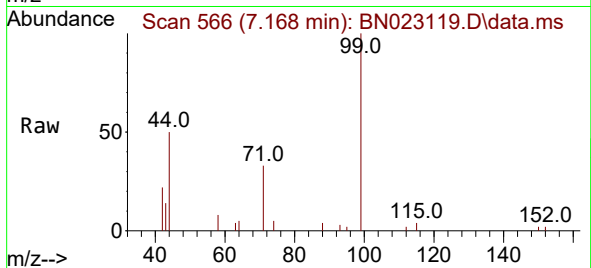




#5
Phenol-d6
Concen: 0.310 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

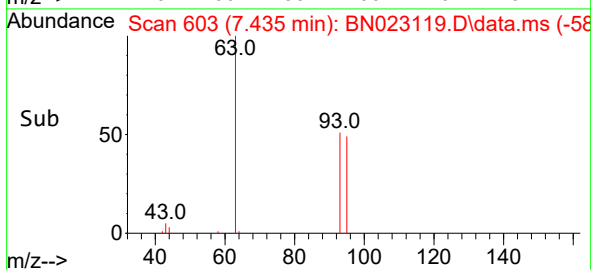
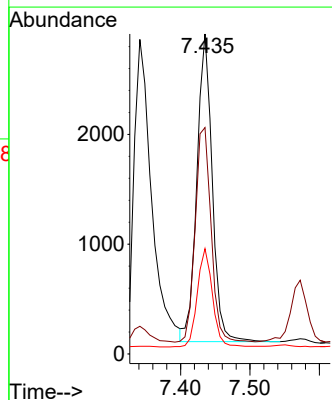
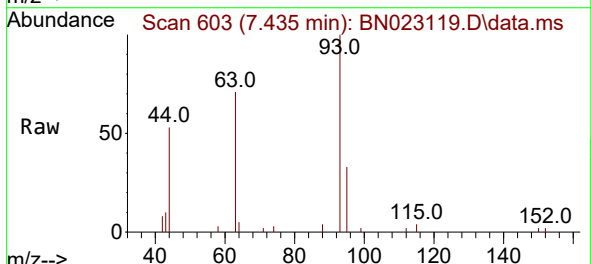
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

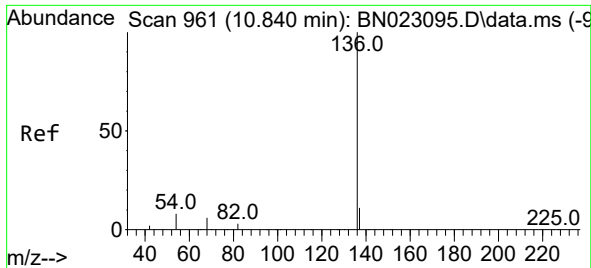
Tgt Ion: 99 Resp: 5040
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 32.7 26.5 39.7



#6
bis(2-Chloroethyl)ether
Concen: 0.234 ng
RT: 7.435 min Scan# 603
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion: 93 Resp: 4321
Ion Ratio Lower Upper
93 100
63 72.0 58.1 87.1
95 31.6 25.2 37.8

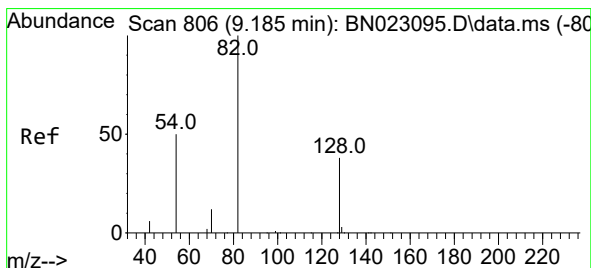
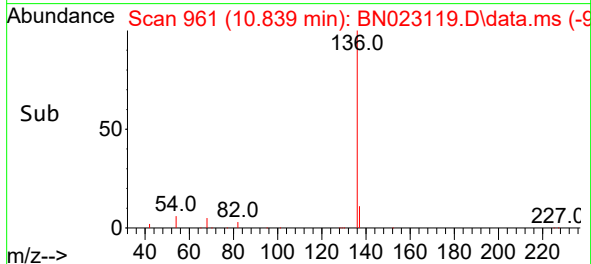
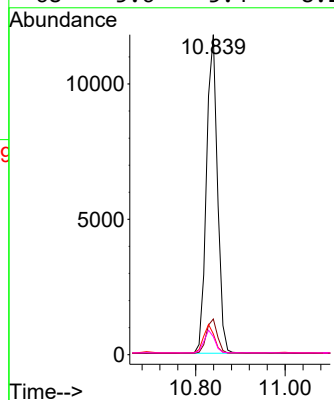
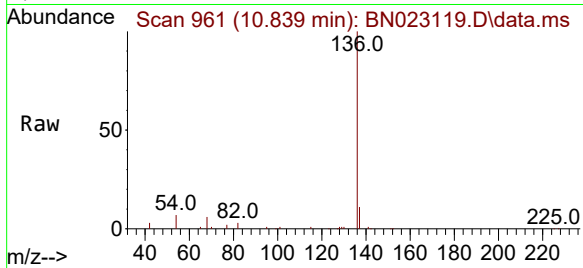




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.839 min Scan# 961
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

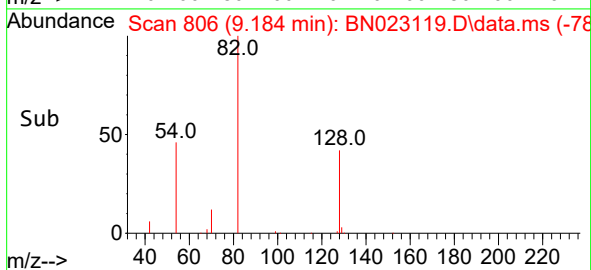
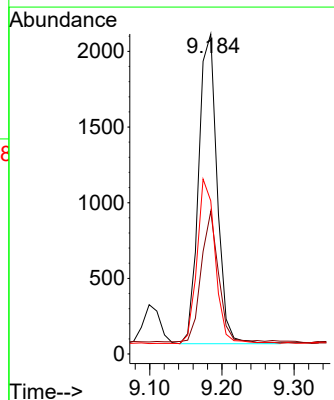
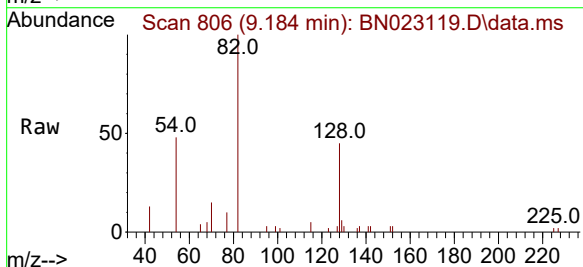
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT4-2022

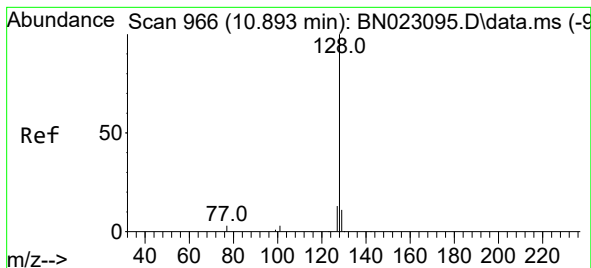
Tgt Ion:	136	Resp:	20040
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.5	6.5	9.7
68	5.6	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.184 min Scan# 806
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:	82	Resp:	3660
Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.4	47.2
54	47.8	41.0	61.4





#9

Naphthalene

Concen: 0.217 ng

RT: 10.882 min Scan# 9

Delta R.T. -0.001 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022

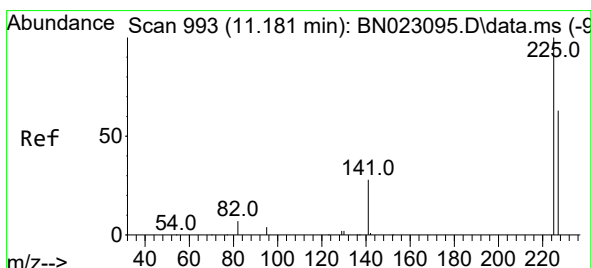
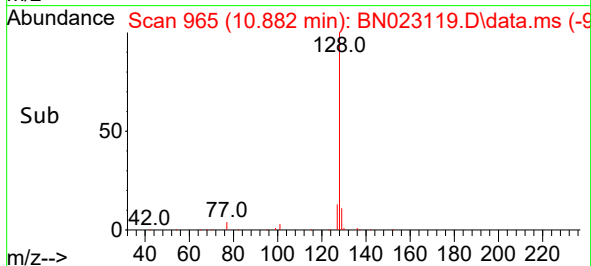
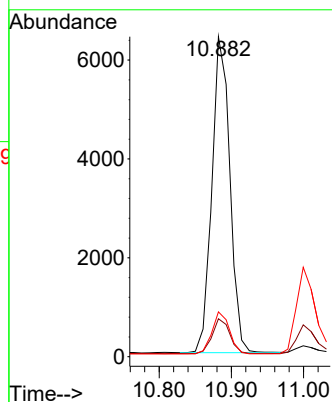
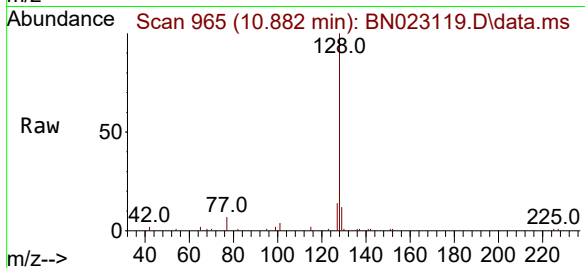
Tgt Ion:128 Resp: 11059

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

127 14.0 10.5 15.7



#10

Hexachlorobutadiene

Concen: 0.226 ng

RT: 11.181 min Scan# 993

Delta R.T. -0.001 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

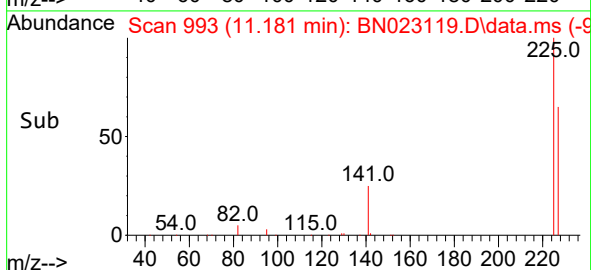
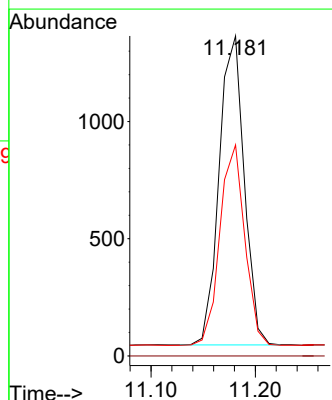
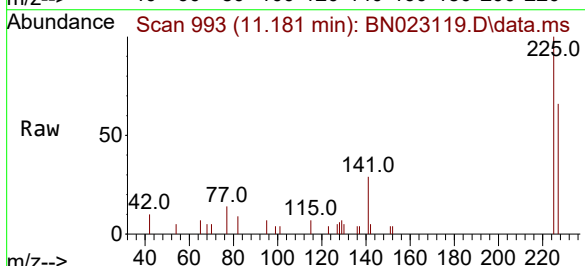
Tgt Ion:225 Resp: 2201

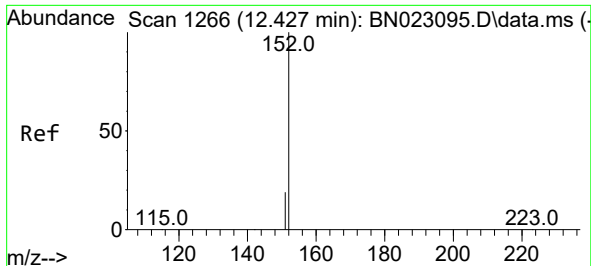
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.5 51.1 76.7

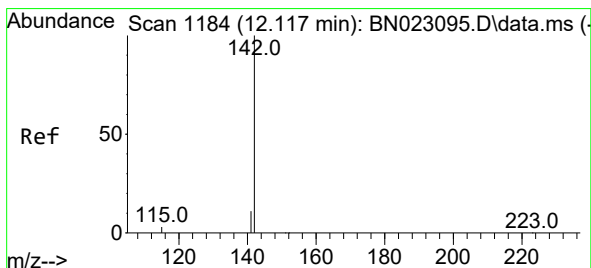
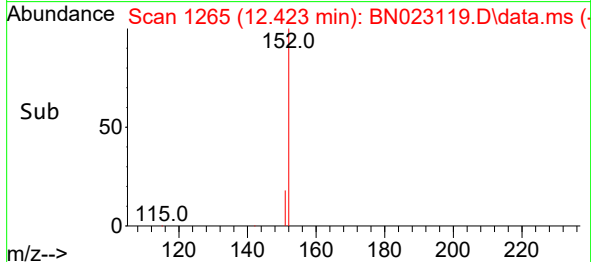
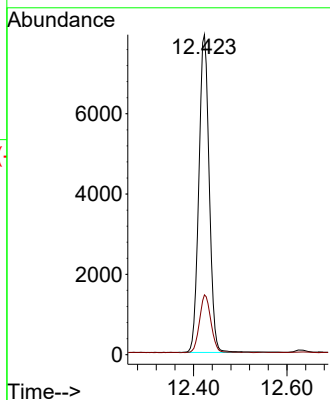
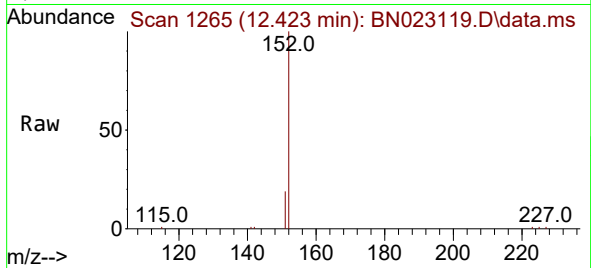




#11
2-Methylnaphthalene-d10
Concen: 0.464 ng
RT: 12.423 min Scan# 1183
Delta R.T. 0.003 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

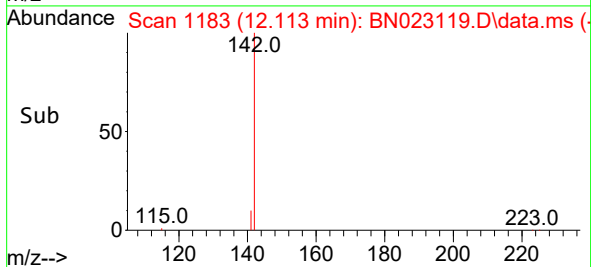
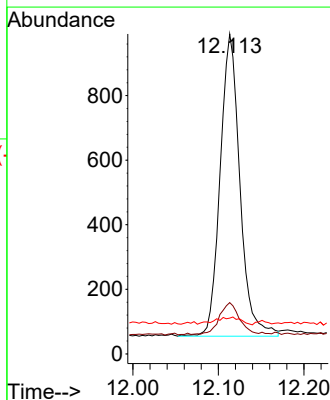
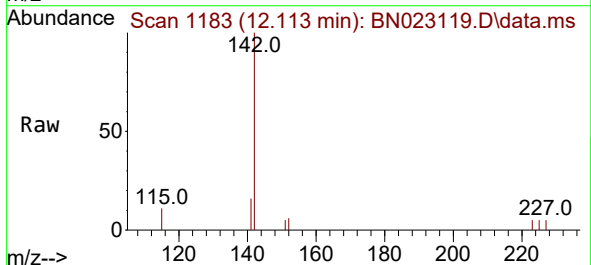
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MDL-SOIL-03-QT4-2022

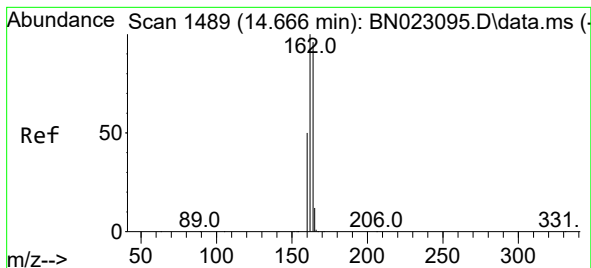
Tgt Ion:152 Resp: 15758
Ion Ratio Lower Upper
152 100
151 17.1 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.198 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:142 Resp: 1504
Ion Ratio Lower Upper
142 100
141 16.0 10.9 16.3
115 11.2 5.7 8.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.666 min Scan# 1489

Delta R.T. 0.010 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022

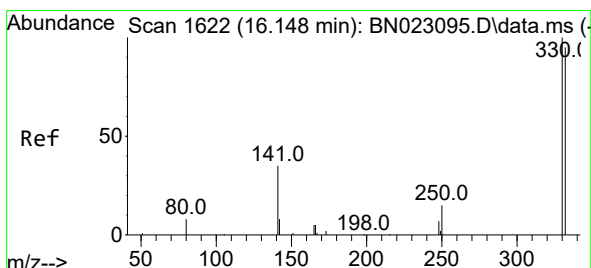
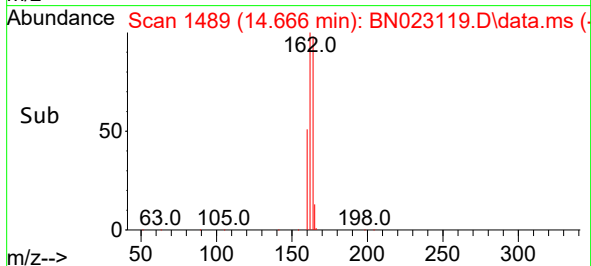
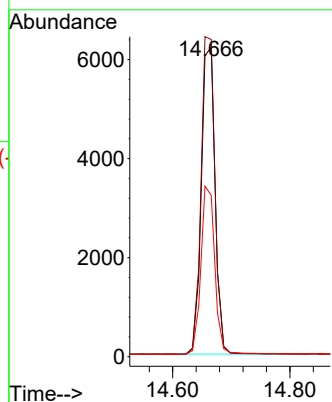
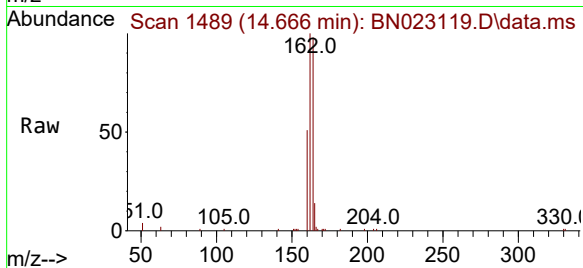
Tgt Ion:164 Resp: 10128

Ion Ratio Lower Upper

164 100

162 102.5 83.4 125.0

160 52.2 41.8 62.8



#14

2,4,6-Tribromophenol

Concen: 0.285 ng

RT: 16.148 min Scan# 1622

Delta R.T. -0.001 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

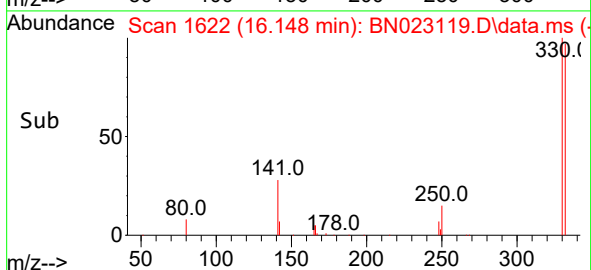
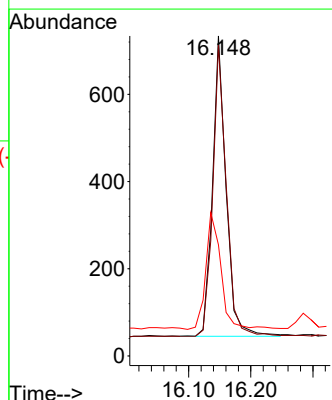
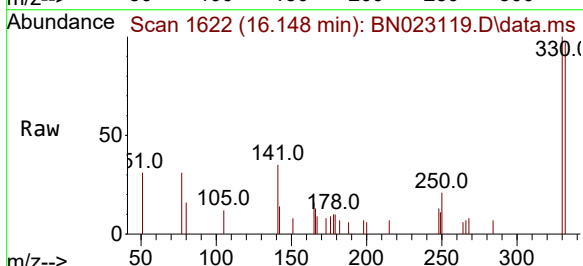
Tgt Ion:330 Resp: 1047

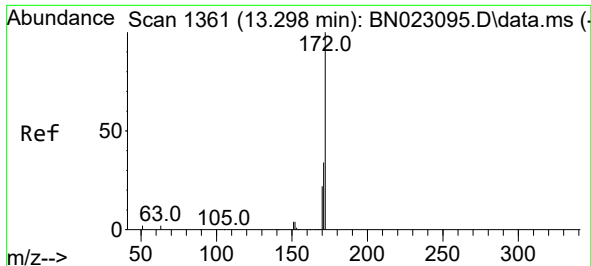
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 43.6 33.5 50.3

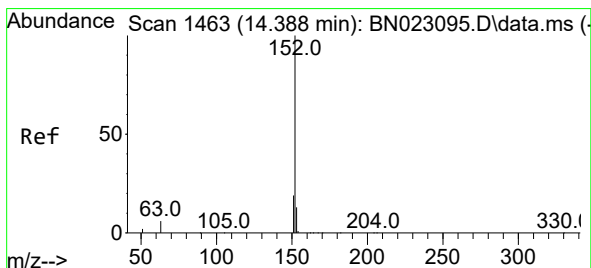
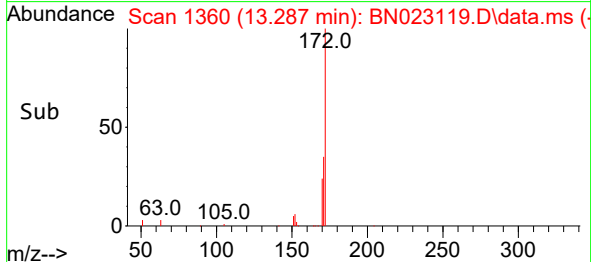
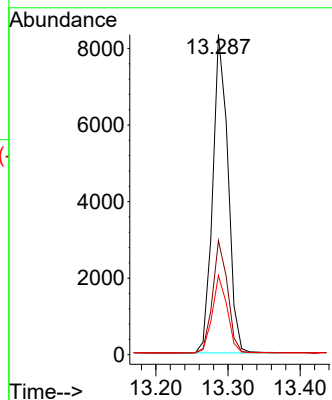
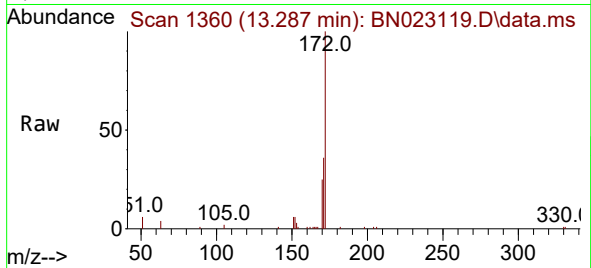




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.287 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

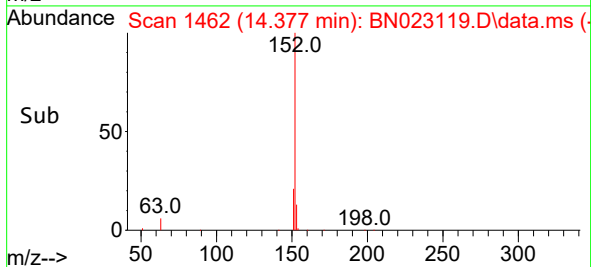
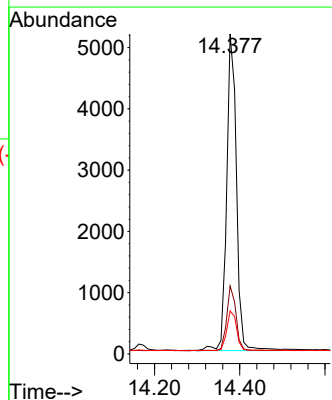
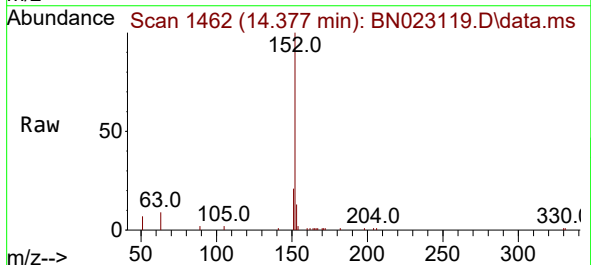
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

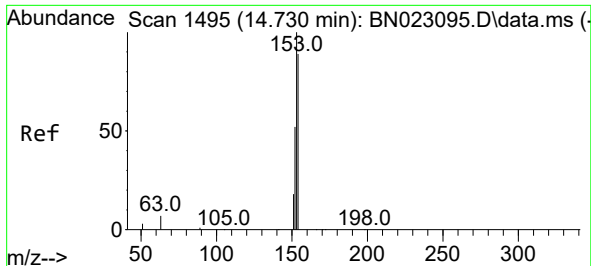
Tgt Ion:	172	Resp:	12214
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.4	41.0
170	24.8	17.9	26.9



#16
Acenaphthylene
Concen: 0.203 ng
RT: 14.377 min Scan# 1462
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:	152	Resp:	8286
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.2
153	13.2	10.3	15.5

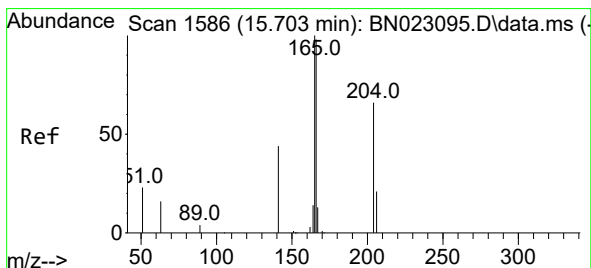
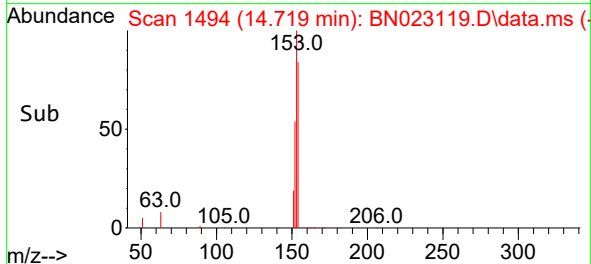
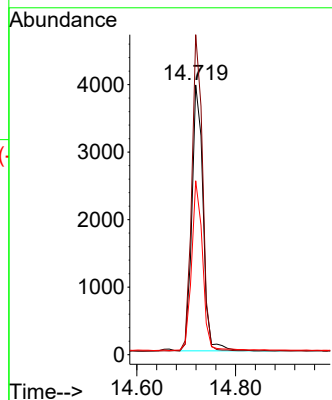
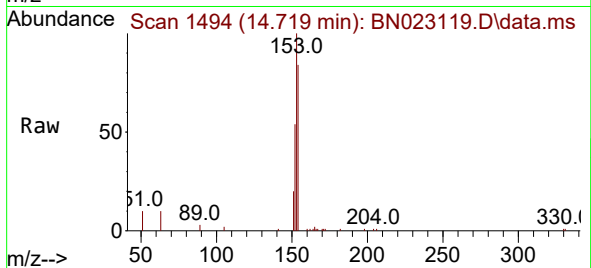




#17
Acenaphthene
Concen: 0.206 ng
RT: 14.719 min Scan# 1494
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

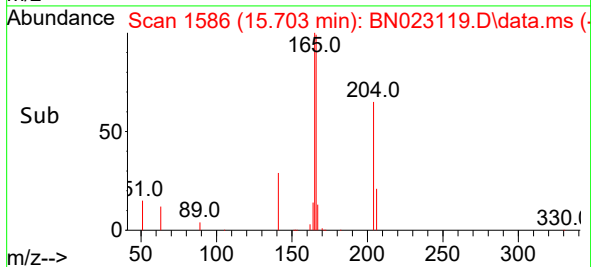
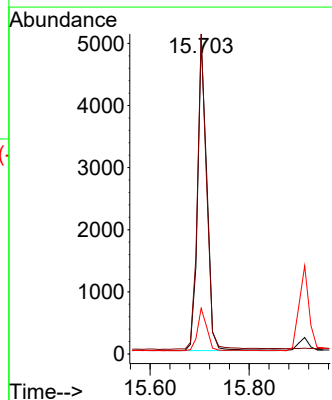
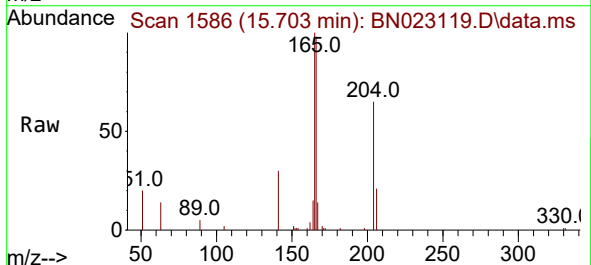
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

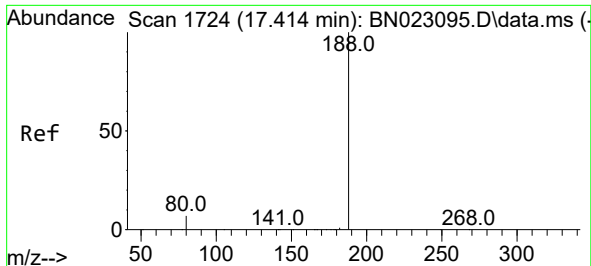
Tgt Ion:154 Resp: 6188
Ion Ratio Lower Upper
154 100
153 114.5 88.6 132.8
152 62.8 48.1 72.1



#18
Fluorene
Concen: 0.210 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:166 Resp: 7052
Ion Ratio Lower Upper
166 100
165 99.1 79.8 119.6
167 12.8 10.6 16.0

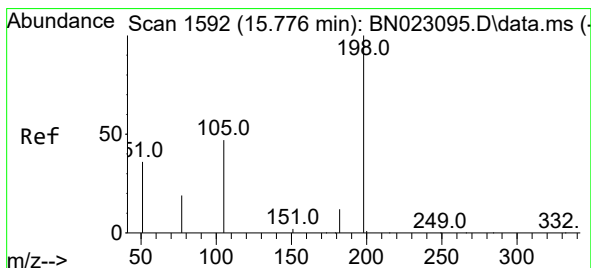
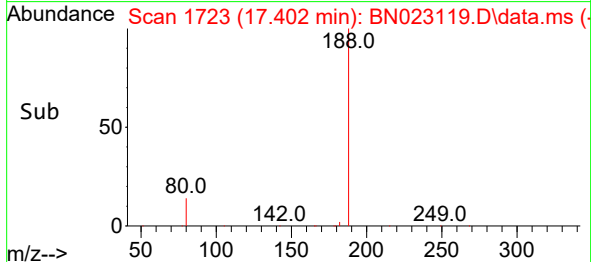
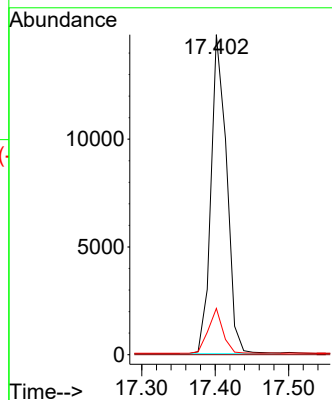
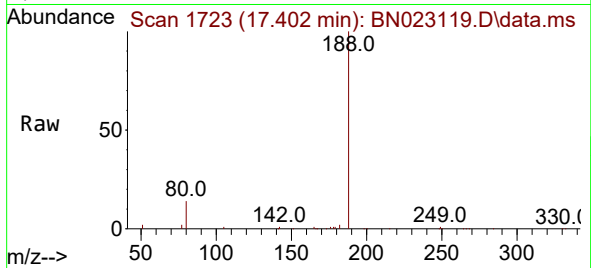




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

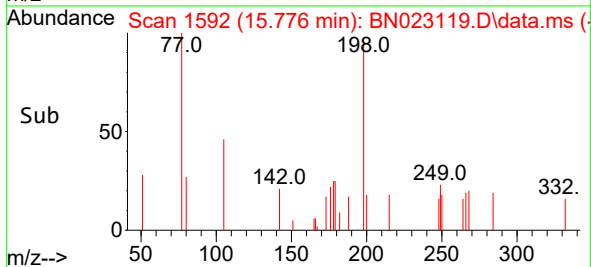
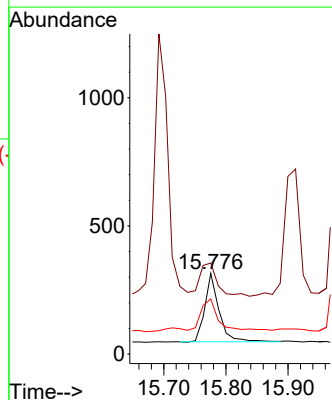
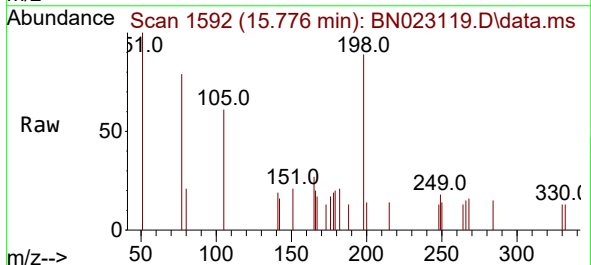
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

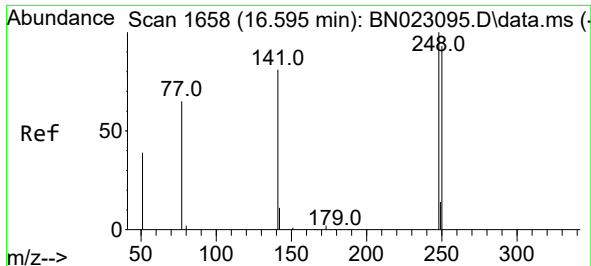
Tgt Ion:188 Resp: 21929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:198 Resp: 423
Ion Ratio Lower Upper
198 100
51 112.7 57.0 85.4#
105 68.3 47.2 70.8

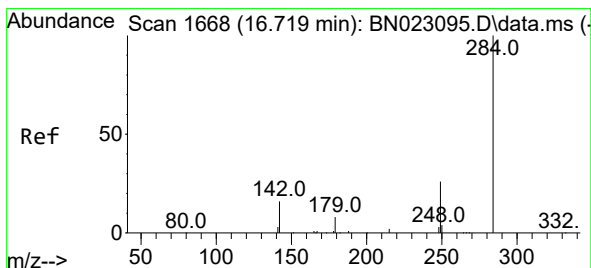
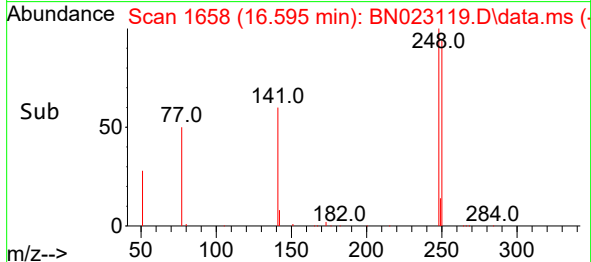
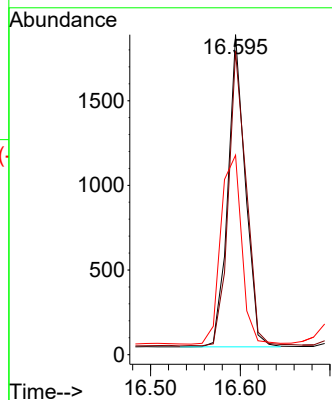
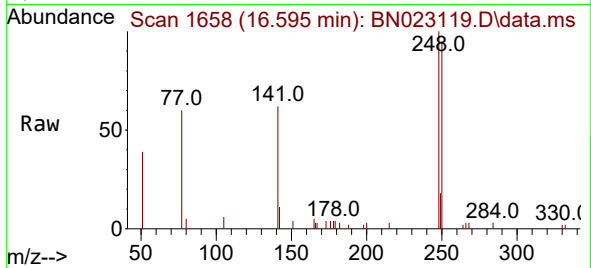




#21
4-Bromophenyl-phenylether
Concen: 0.213 ng
RT: 16.595 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

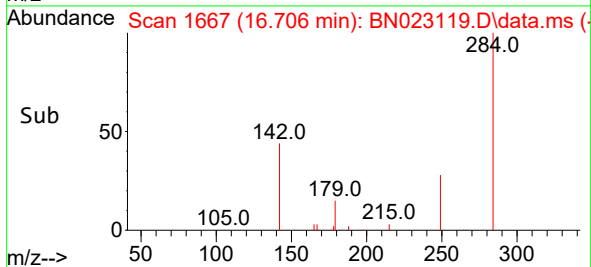
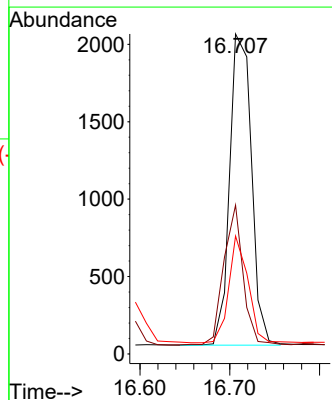
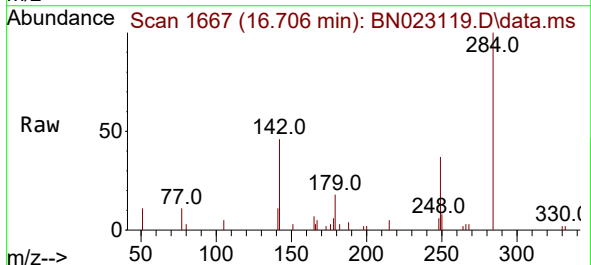
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

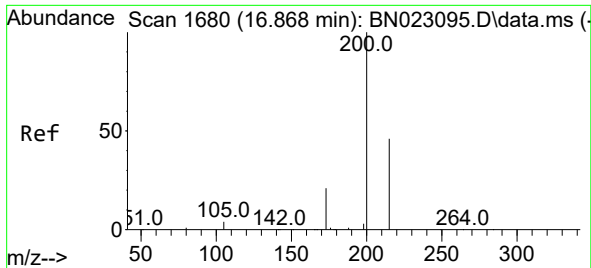
Tgt Ion:248 Resp: 2492
Ion Ratio Lower Upper
248 100
250 94.8 74.3 111.5
141 62.3 65.0 97.6#



#22
Hexachlorobenzene
Concen: 0.221 ng
RT: 16.706 min Scan# 1667
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:284 Resp: 3389
Ion Ratio Lower Upper
284 100
142 40.0 31.0 46.4
249 30.4 24.4 36.6

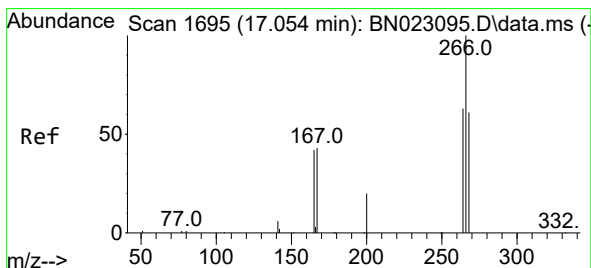
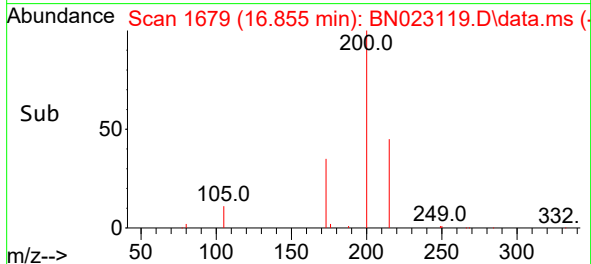
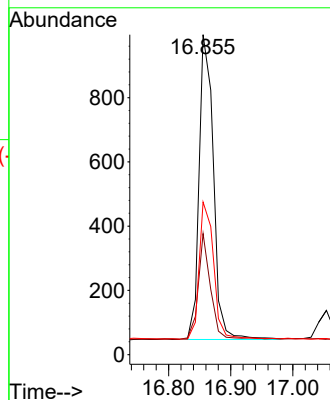
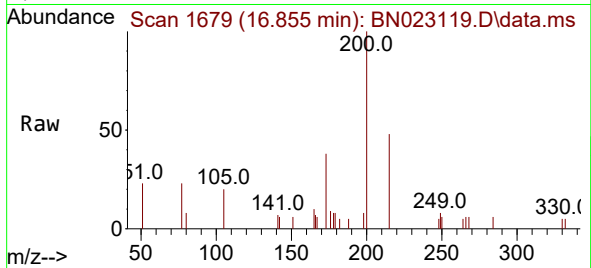




#23
Atrazine
Concen: 0.185 ng
RT: 16.855 min Scan# 1679
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

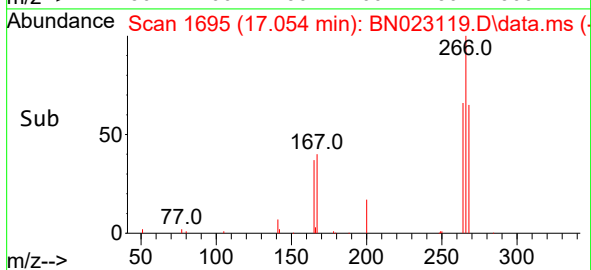
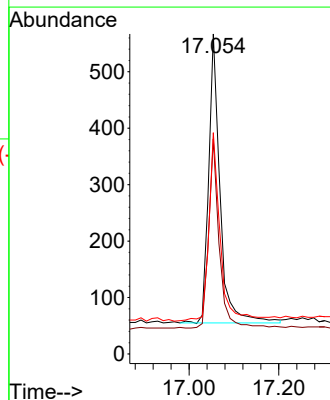
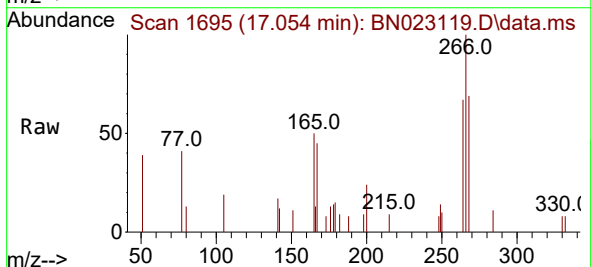
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

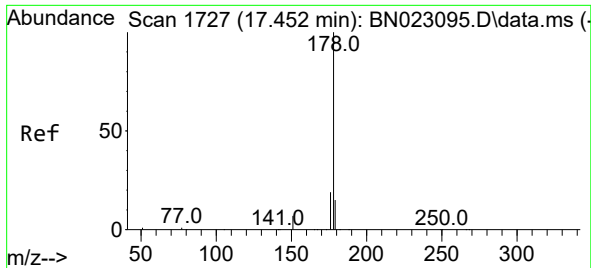
Tgt Ion:200 Resp: 1524
Ion Ratio Lower Upper
200 100
173 37.9 18.2 27.4#
215 47.7 38.0 57.0



#24
Pentachlorophenol
Concen: 0.169 ng
RT: 17.054 min Scan# 1695
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:266 Resp: 900
Ion Ratio Lower Upper
266 100
264 60.8 50.1 75.1
268 63.8 49.7 74.5

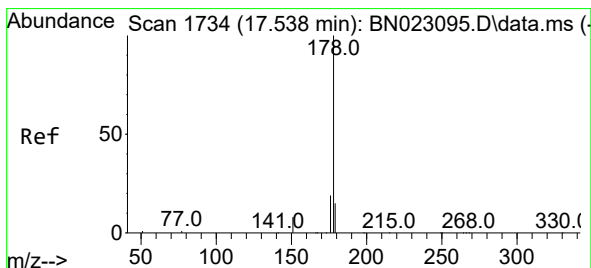
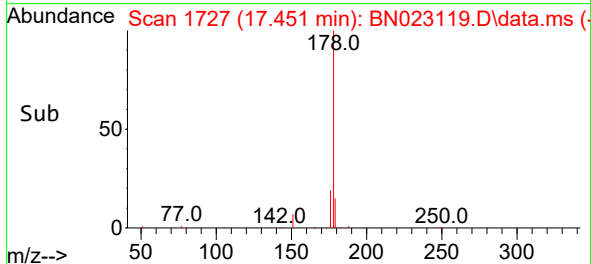
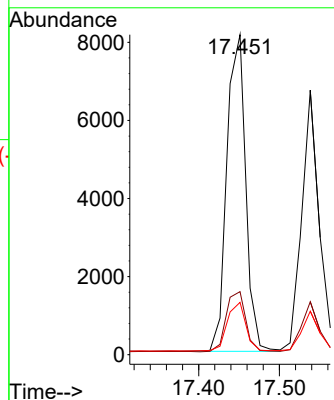
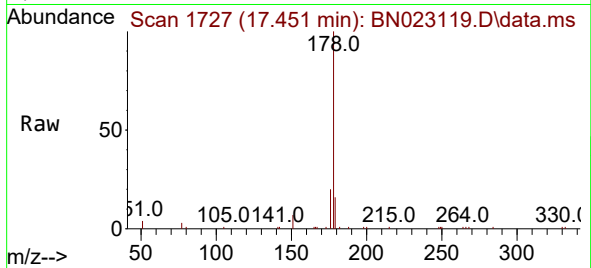




#25
Phenanthrene
Concen: 0.202 ng
RT: 17.451 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

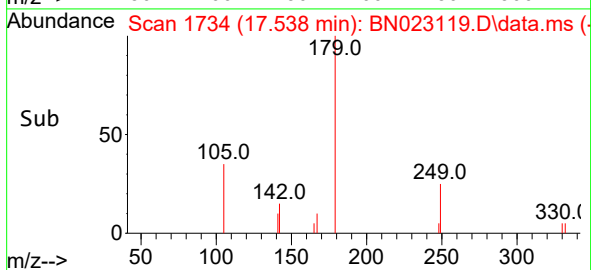
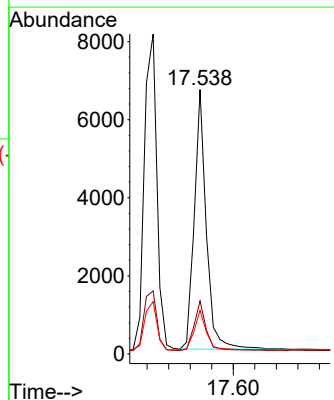
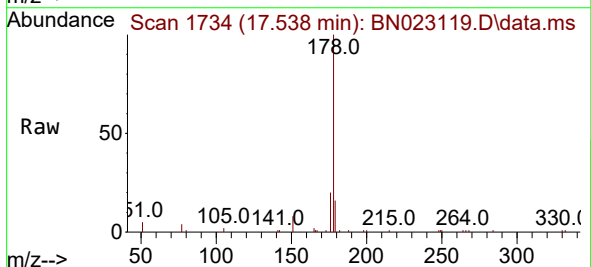
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

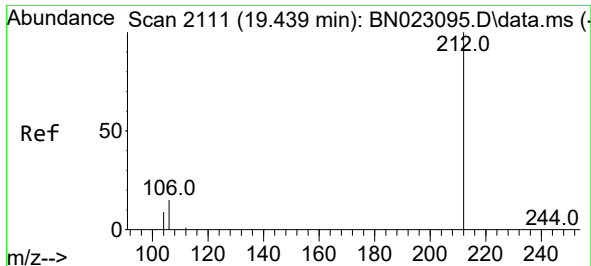
Tgt Ion:178 Resp: 13205
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.3 12.2 18.2



#26
Anthracene
Concen: 0.199 ng
RT: 17.538 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:178 Resp: 10350
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.1 12.2 18.4

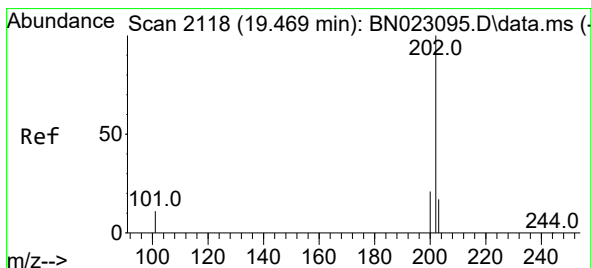
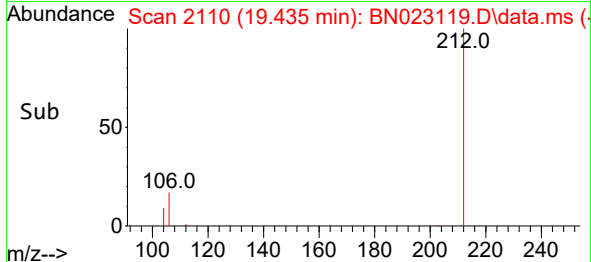
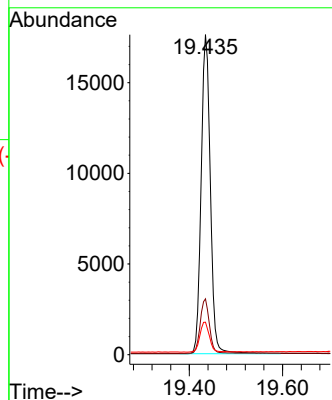
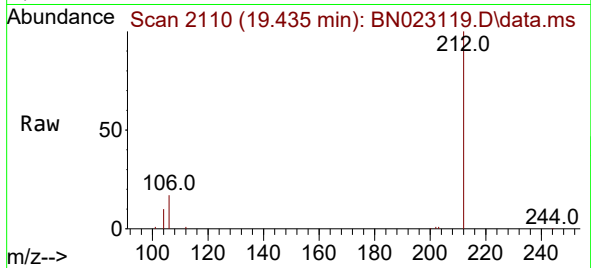




#27
Fluoranthene-d10
Concen: 0.469 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

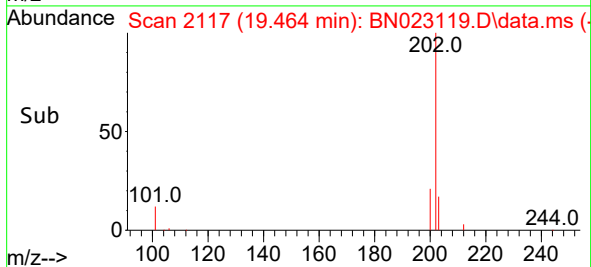
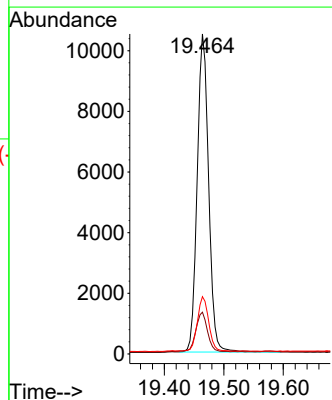
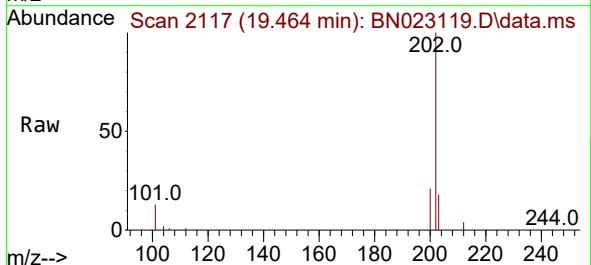
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

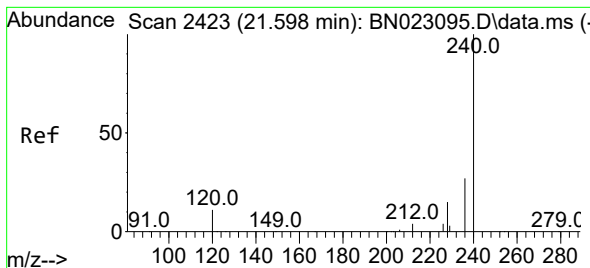
Tgt Ion:212 Resp: 24052
Ion Ratio Lower Upper
212 100
106 17.0 13.0 19.4
104 9.6 7.5 11.3



#28
Fluoranthene
Concen: 0.200 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:202 Resp: 13964
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
203 16.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.593 min Scan# 2423

Delta R.T. 0.004 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022

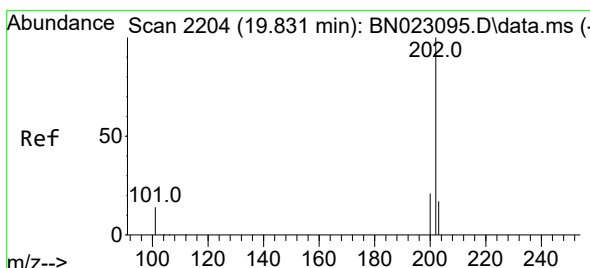
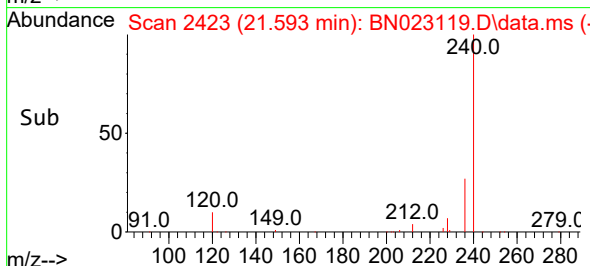
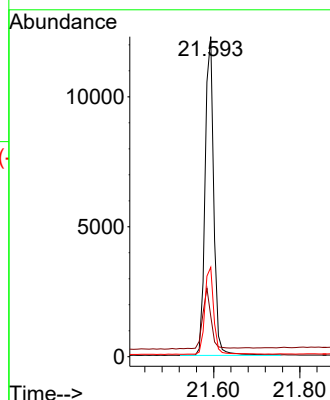
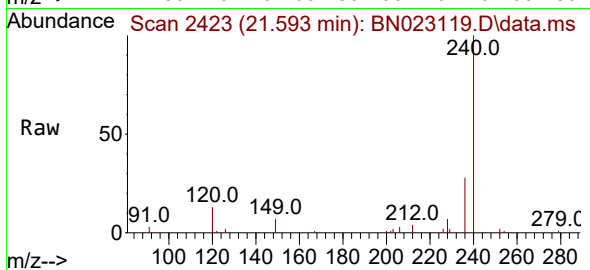
Tgt Ion:240 Resp: 17179

Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 27.9 22.2 33.4



#30

Pyrene

Concen: 0.213 ng

RT: 19.827 min Scan# 2203

Delta R.T. -0.001 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

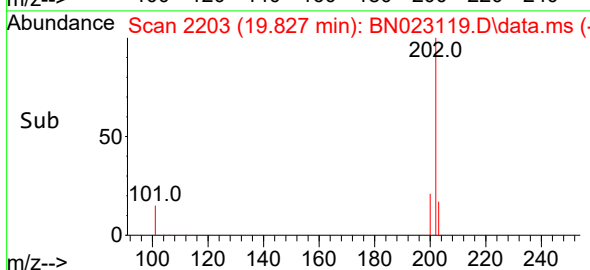
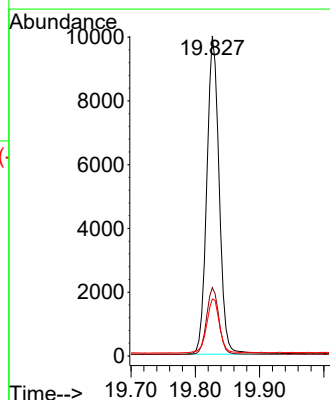
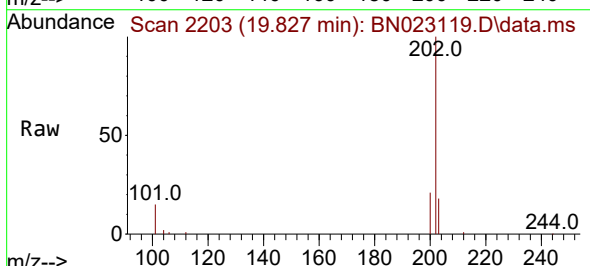
Tgt Ion:202 Resp: 13422

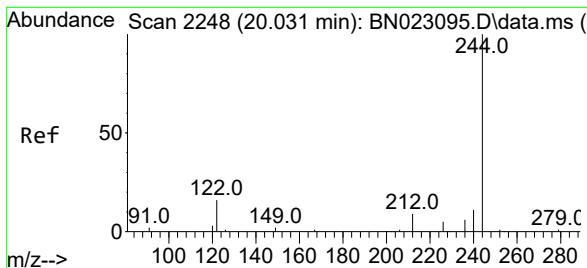
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 14.2 21.4





#31

Terphenyl-d14

Concen: 0.284 ng

RT: 20.026 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022

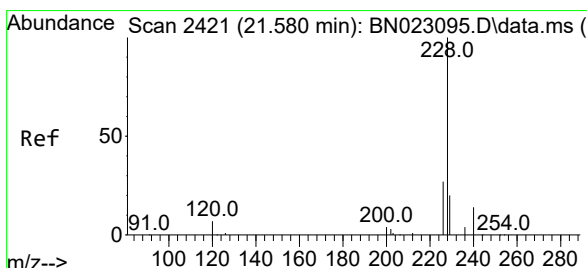
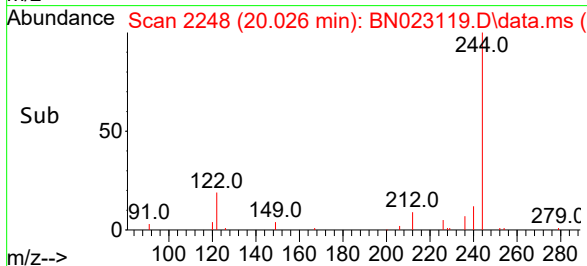
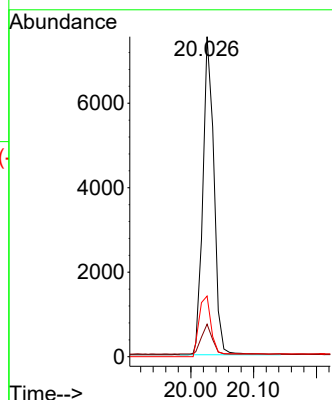
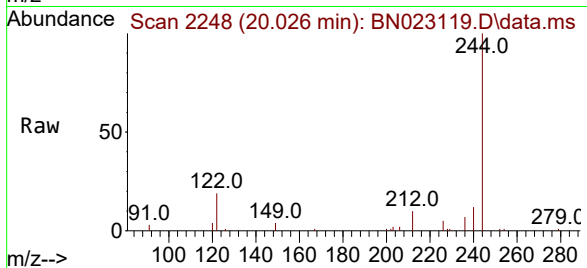
Tgt Ion:244 Resp: 7932

Ion Ratio Lower Upper

244 100

212 10.2 7.6 11.4

122 19.0 12.6 18.8#



#32

Benzo(a)anthracene

Concen: 0.193 ng

RT: 21.575 min Scan# 2421

Delta R.T. 0.004 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

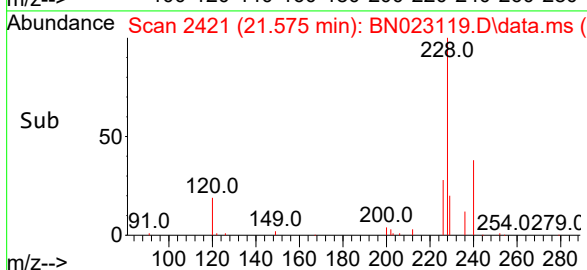
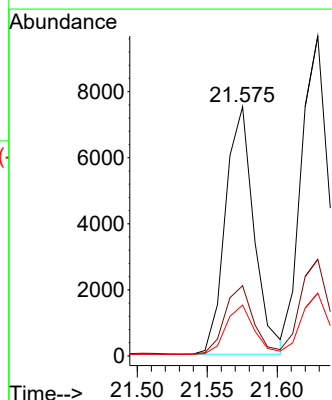
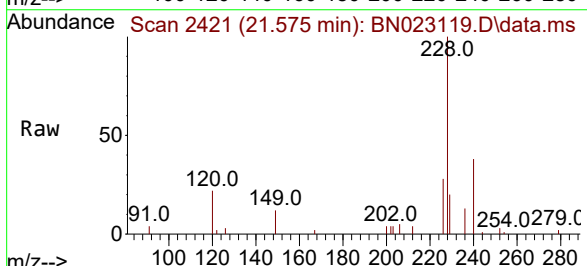
Tgt Ion:228 Resp: 10654

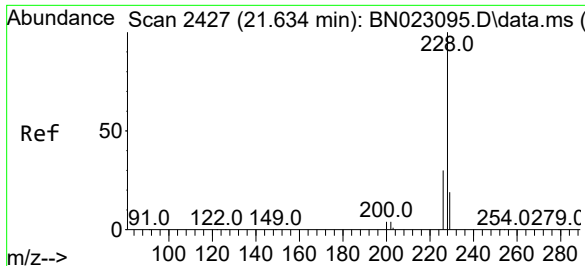
Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.213 ng

RT: 21.629 min Scan# 2427

Delta R.T. 0.004 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022

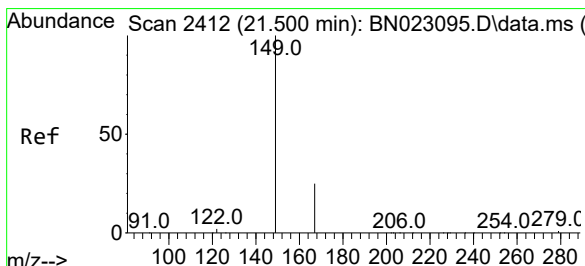
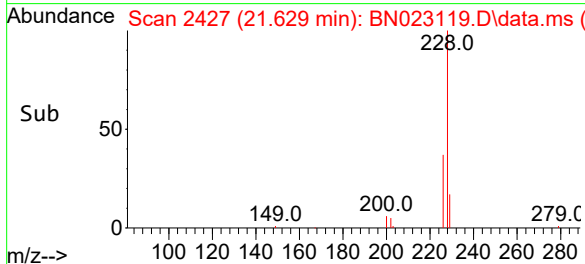
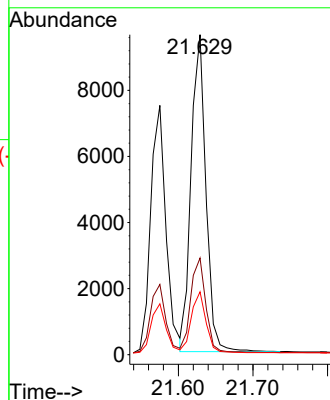
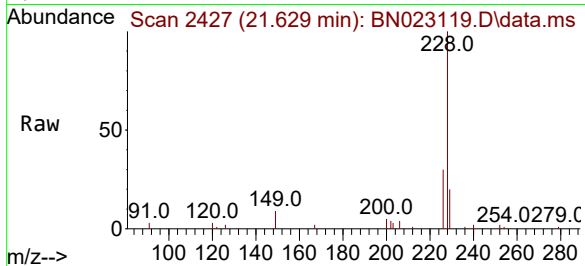
Tgt Ion:228 Resp: 13271

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.6 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.214 ng

RT: 21.495 min Scan# 2412

Delta R.T. 0.004 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

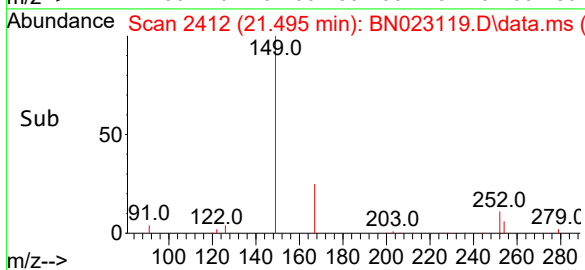
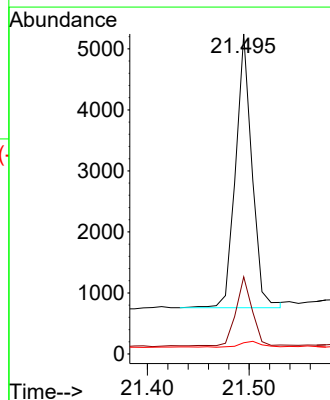
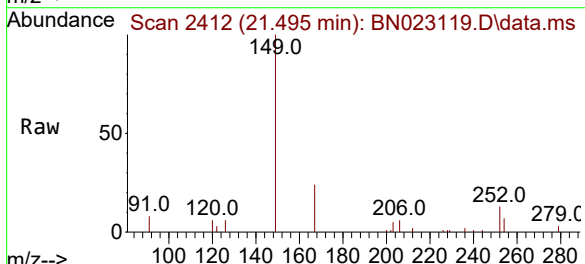
Tgt Ion:149 Resp: 5013

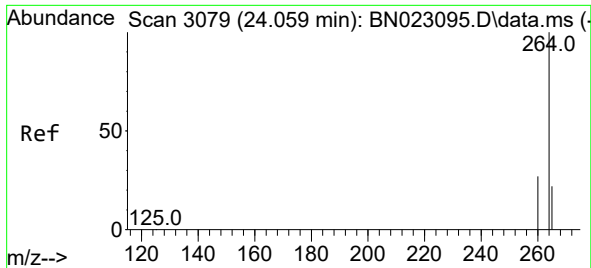
Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

279 2.8 2.3 3.5

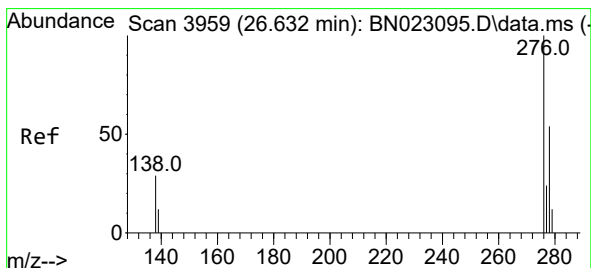
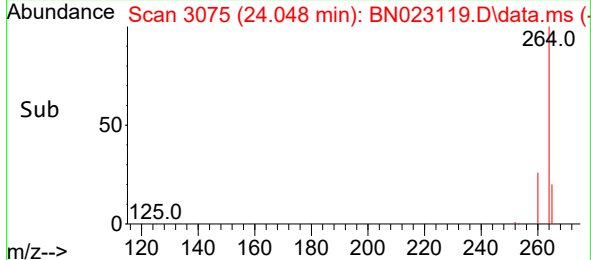
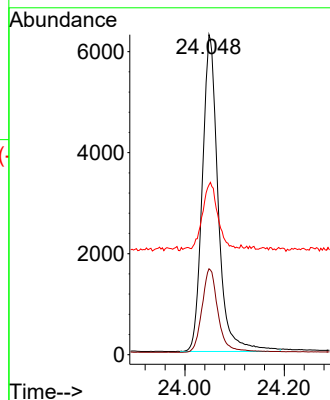
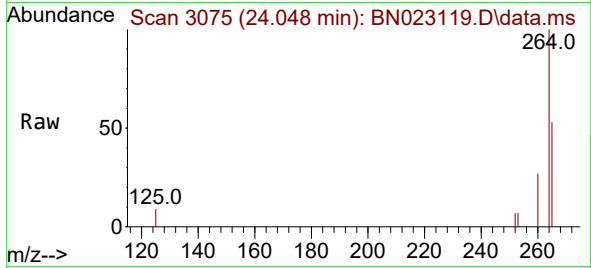




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.048 min Scan# 3075
 Delta R.T. -0.002 min
 Lab File: BN023119.D
 Acq: 10 Dec 2022 12:53

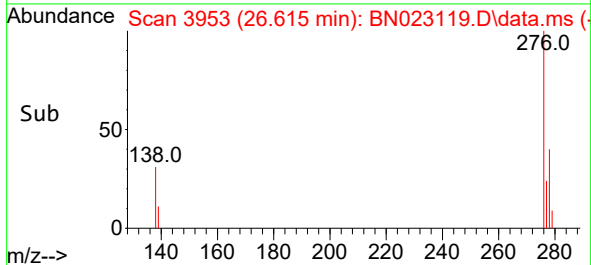
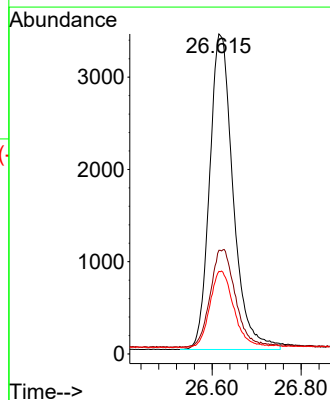
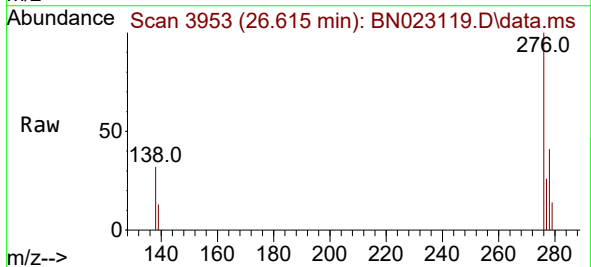
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

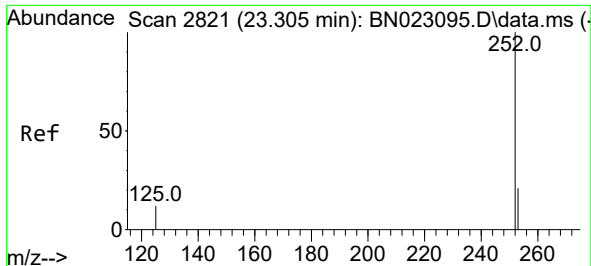
Tgt Ion:264	Resp:	13875
Ion Ratio	Lower	Upper
264	100	
260	26.9	21.7 32.5
265	53.0	43.2 64.8



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.202 ng
 RT: 26.615 min Scan# 3953
 Delta R.T. -0.002 min
 Lab File: BN023119.D
 Acq: 10 Dec 2022 12:53

Tgt Ion:276	Resp:	12570
Ion Ratio	Lower	Upper
276	100	
138	33.2	25.0 37.6
277	24.6	19.8 29.8

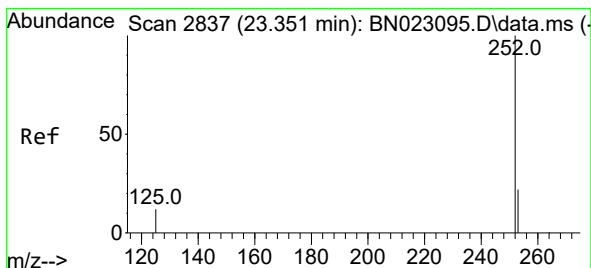
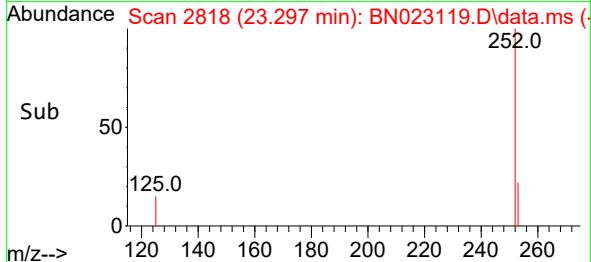
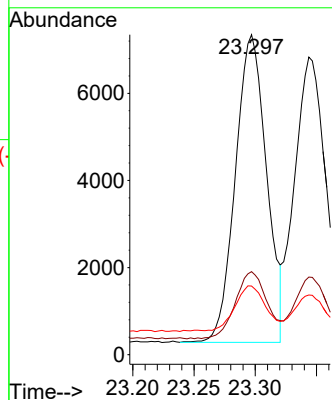
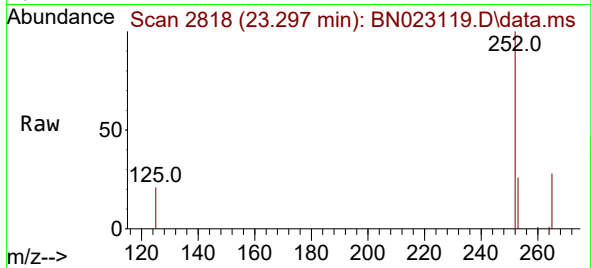




#37
Benzo(b)fluoranthene
Concen: 0.217 ng
RT: 23.297 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

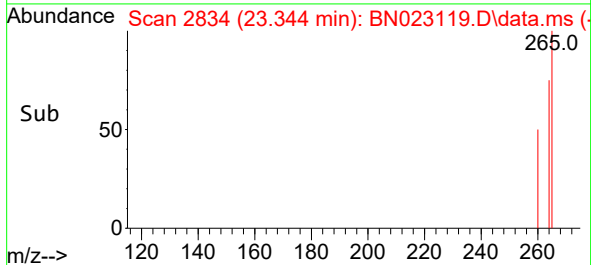
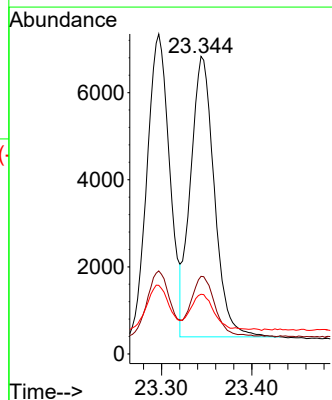
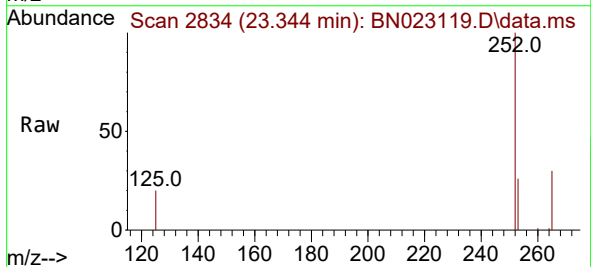
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

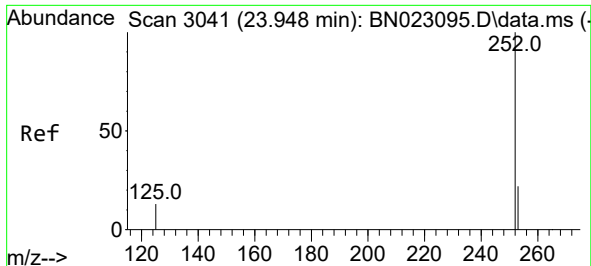
Tgt Ion:252 Resp: 12477
Ion Ratio Lower Upper
252 100
253 25.9 19.0 28.4
125 21.5 12.8 19.2#



#38
Benzo(k)fluoranthene
Concen: 0.202 ng
RT: 23.344 min Scan# 2834
Delta R.T. -0.002 min
Lab File: BN023119.D
Acq: 10 Dec 2022 12:53

Tgt Ion:252 Resp: 11786
Ion Ratio Lower Upper
252 100
253 26.1 19.1 28.7
125 20.0 12.5 18.7#





#39

Benzo(a)pyrene

Concen: 0.245 ng

RT: 23.940 min Scan# 3041

Delta R.T. -0.002 min

Lab File: BN023119.D

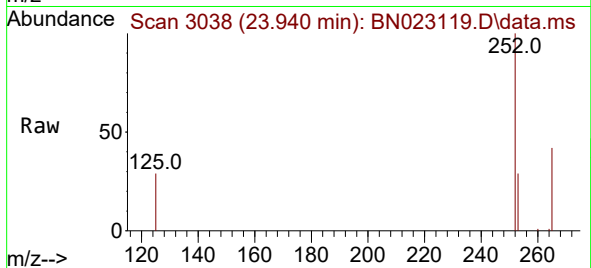
Acq: 10 Dec 2022 12:53

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022



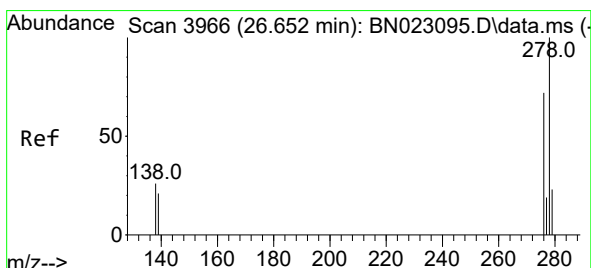
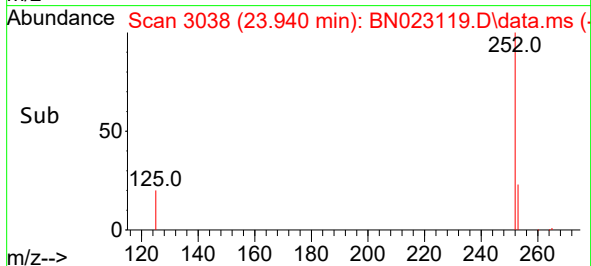
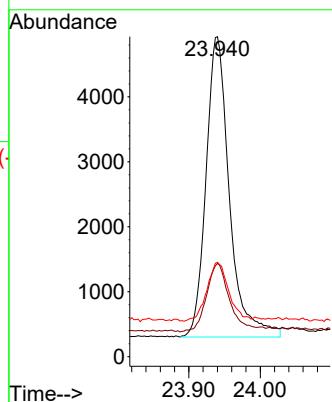
Tgt Ion:252 Resp: 10554

Ion Ratio Lower Upper

252 100

253 29.2 20.6 30.8

125 29.5 15.8 23.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.199 ng

RT: 26.642 min Scan# 3962

Delta R.T. 0.004 min

Lab File: BN023119.D

Acq: 10 Dec 2022 12:53

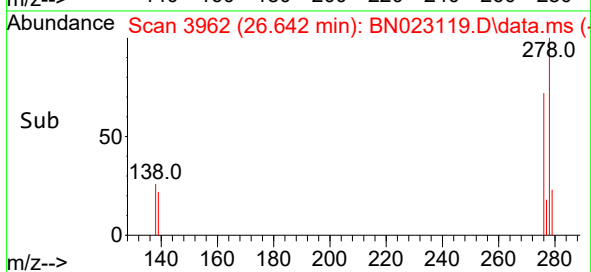
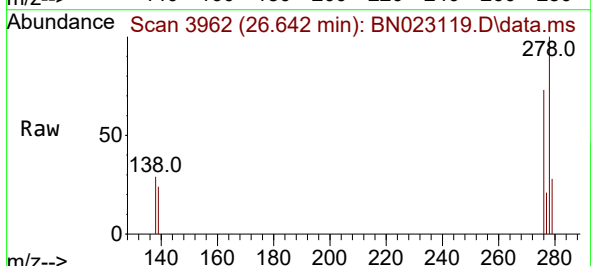
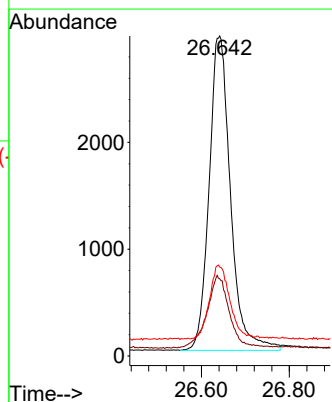
Tgt Ion:278 Resp: 9953

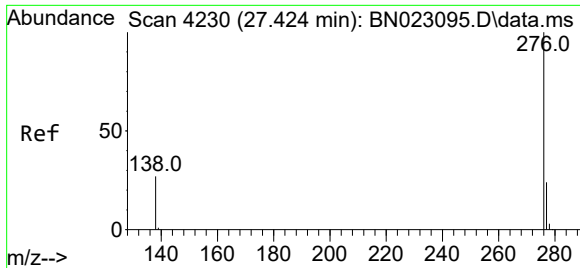
Ion Ratio Lower Upper

278 100

139 24.1 17.5 26.3

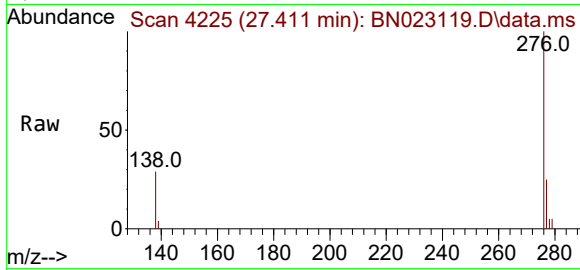
279 27.7 20.5 30.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.201 ng
 RT: 27.411 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: BN023119.D
 Acq: 10 Dec 2022 12:53

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022



Tgt Ion:	276	Resp:	10727
Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.9	29.9
138	29.5	22.2	33.2

