

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
 Data File : BN017506.D
 Acq On : 18 Nov 2021 13:24
 Operator : CG/JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Nov 18 13:57:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

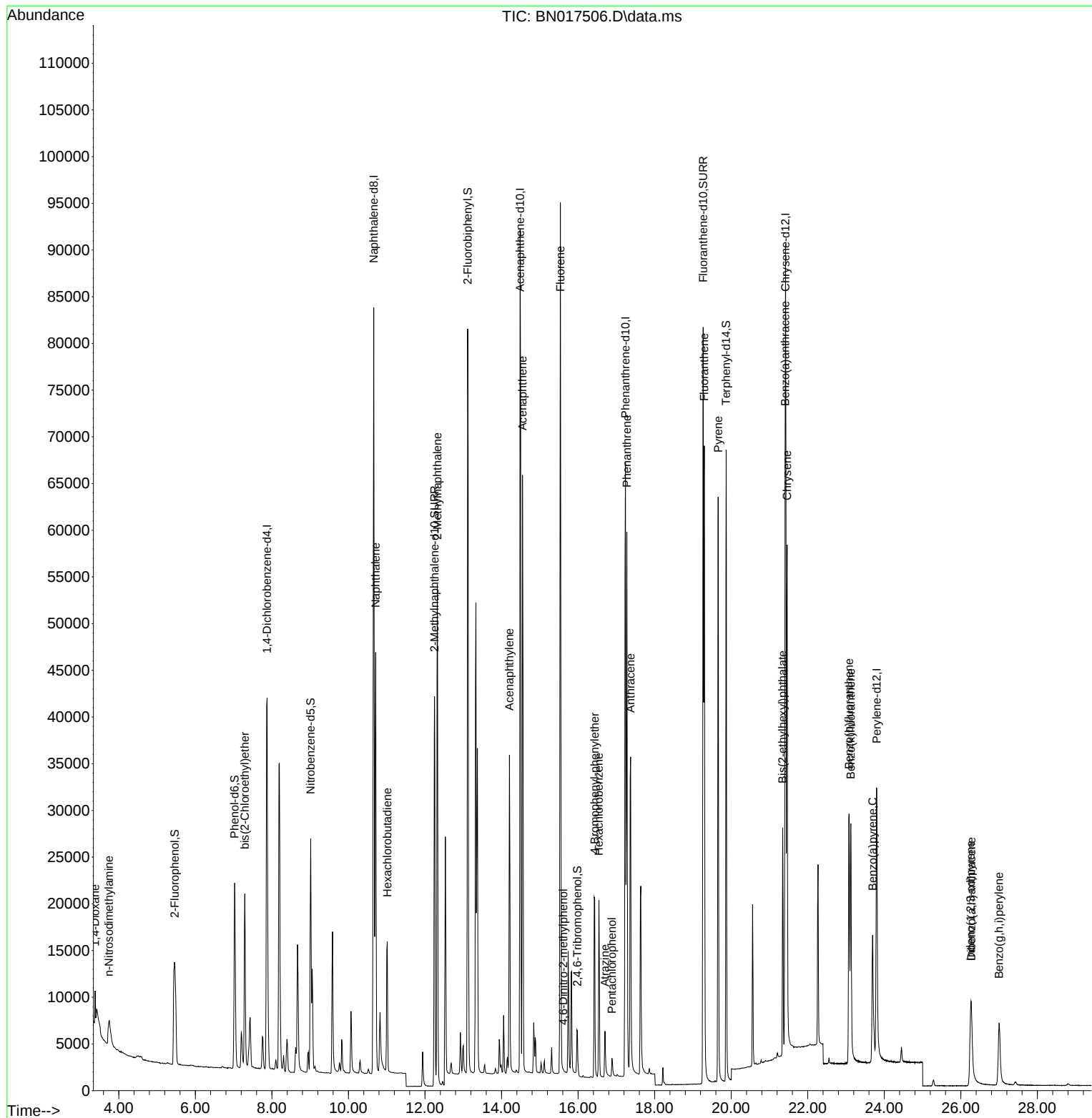
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26574	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	113566	0.400	ng	# 0.00
13) Acenaphthene-d10	14.486	164	56665	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	100878	0.400	ng	0.00
29) Chrysene-d12	21.420	240	72008	0.400	ng	# 0.00
35) Perylene-d12	23.801	264	46982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	21989	0.348	ng	0.00
5) Phenol-d6	7.026	99	24216	0.356	ng	0.00
8) Nitrobenzene-d5	9.014	82	21695	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.249	152	61334	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	4172	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	78817	0.369	ng	-0.01
27) Fluoranthene-d10	19.268	212	97735	0.324	ng	0.00
31) Terphenyl-d14	19.868	244	70980	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	1904	0.163	ng	90
3) n-Nitrosodimethylamine	3.743	42	4174	0.187	ng	89
6) bis(2-Chloroethyl)ether	7.293	93	17391	0.239	ng	94
9) Naphthalene	10.712	128	62674	0.220	ng	100
10) Hexachlorobutadiene	11.016	225	13052	0.219	ng	# 99
12) 2-Methylnaphthalene	12.324	142	40204	0.222	ng	98
16) Acenaphthylene	14.207	152	39918	0.189	ng	100
17) Acenaphthene	14.549	154	32746	0.214	ng	99
18) Fluorene	15.539	166	38421	0.218	ng	99
20) 4,6-Dinitro-2-methylph...	15.615	198	195	0.152	ng	# 24
21) 4-Bromophenyl-phenylether	16.435	248	11640	0.204	ng	# 68
22) Hexachlorobenzene	16.544	284	14107	0.218	ng	96
23) Atrazine	16.702	200	5884	0.180	ng	# 94
24) Pentachlorophenol	16.885	266	1314	0.167	ng	97
25) Phenanthrene	17.274	178	60767	0.219	ng	100
26) Anthracene	17.372	178	46421	0.202	ng	100
28) Fluoranthene	19.297	202	63259	0.213	ng	99
30) Pyrene	19.660	202	61202	0.237	ng	100
32) Benzo(a)anthracene	21.409	228	41396	0.186	ng	100
33) Chrysene	21.462	228	51129	0.223	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	19470	0.167	ng	98
36) Indeno(1,2,3-cd)pyrene	26.258	276	16041	0.148	ng	96
37) Benzo(b)fluoranthene	23.078	252	37593	0.213	ng	# 96
38) Benzo(k)fluoranthene	23.126	252	34571	0.213	ng	# 95
39) Benzo(a)pyrene	23.694	252	26750	0.195	ng	# 93
40) Dibenzo(a,h)anthracene	26.275	278	10562	0.128	ng	# 84
41) Benzo(g,h,i)perylene	27.001	276	17574	0.172	ng	96

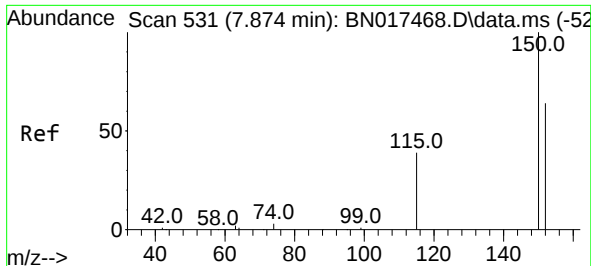
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
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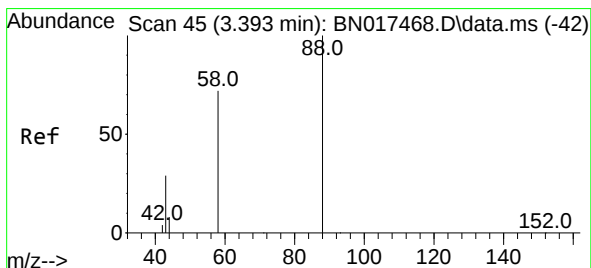
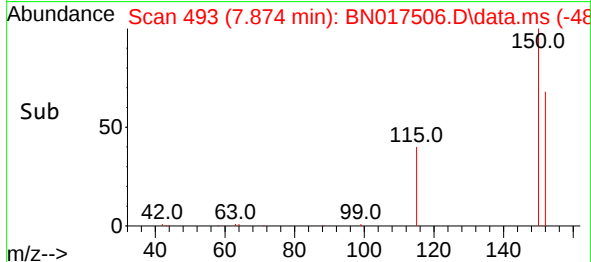
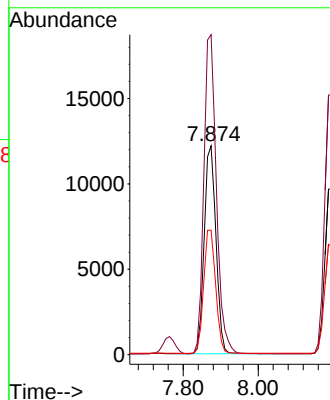
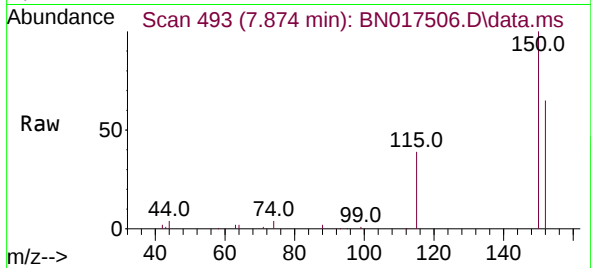




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 493
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

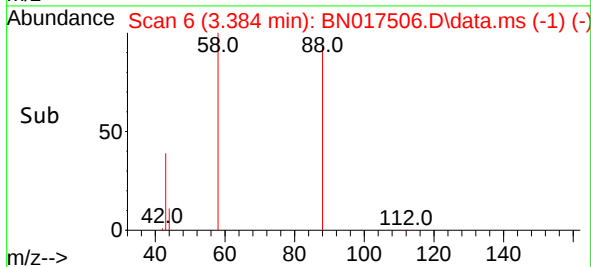
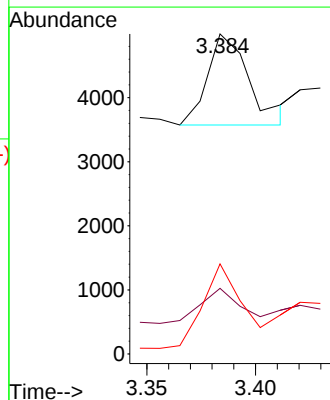
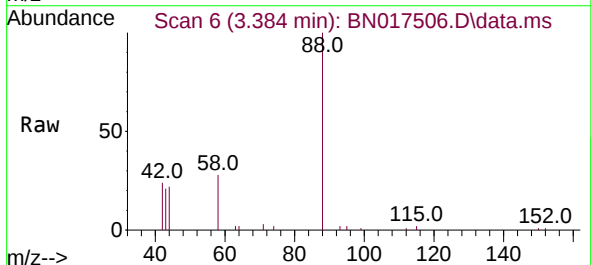
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

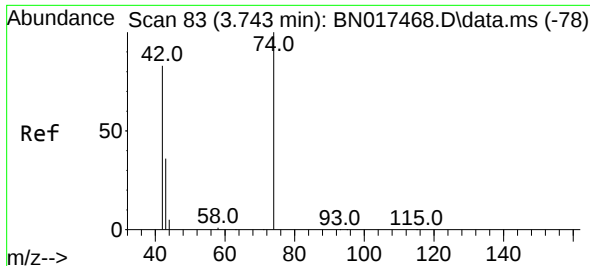
Tgt Ion: 152 Resp: 26574
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.4
115 59.6 45.6 68.4



#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.384 min Scan# 6
Delta R.T. -0.009 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion: 88 Resp: 1904
Ion Ratio Lower Upper
88 100
43 36.6 24.7 37.1
58 87.6 63.0 94.6

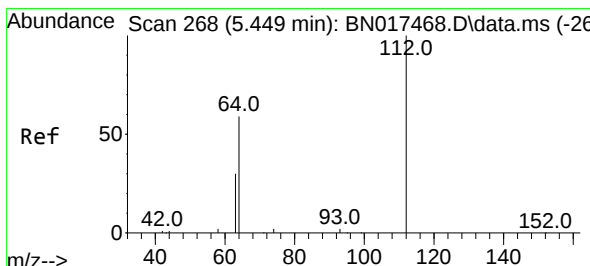
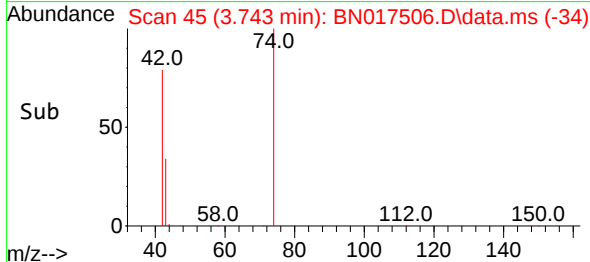
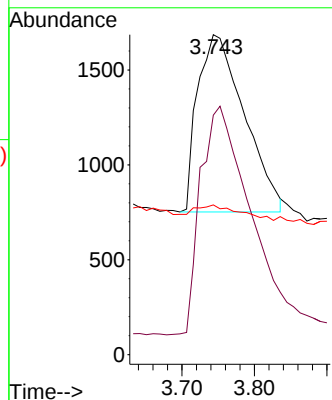
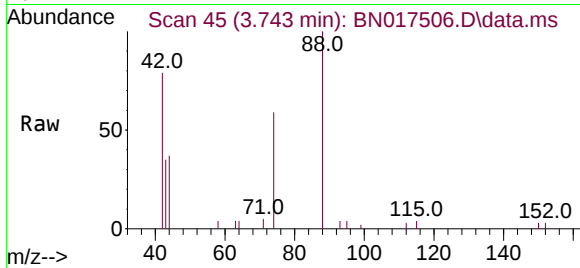




#3
n-Nitrosodimethylamine
Concen: 0.187 ng
RT: 3.743 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

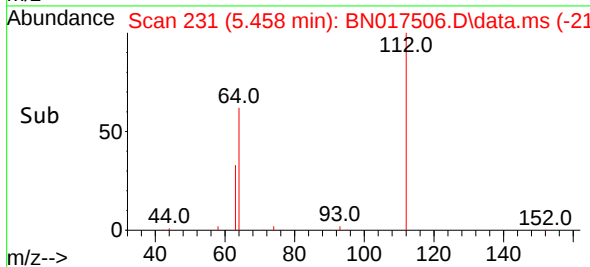
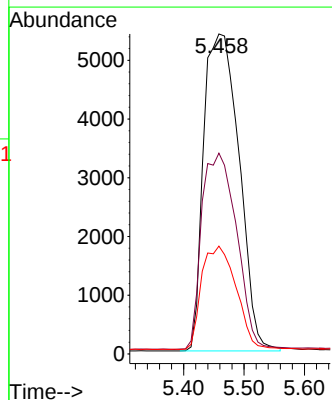
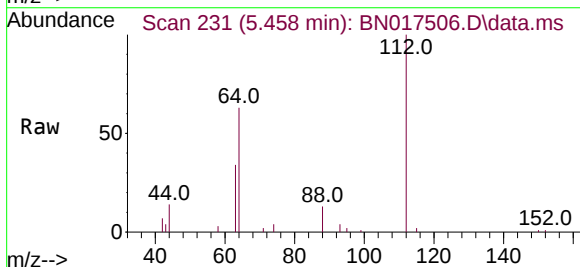
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

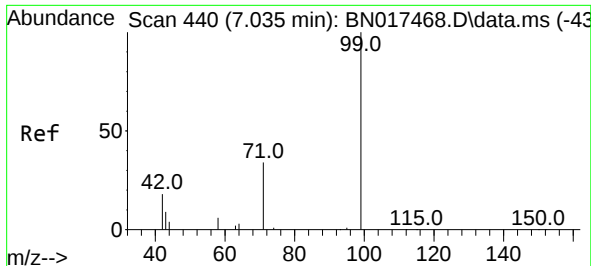
Tgt Ion: 42 Resp: 4174
Ion Ratio Lower Upper
42 100
74 134.8 97.8 146.6
44 8.1 5.5 8.3



#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.458 min Scan# 231
Delta R.T. 0.009 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion: 112 Resp: 21989
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 31.8 24.6 37.0

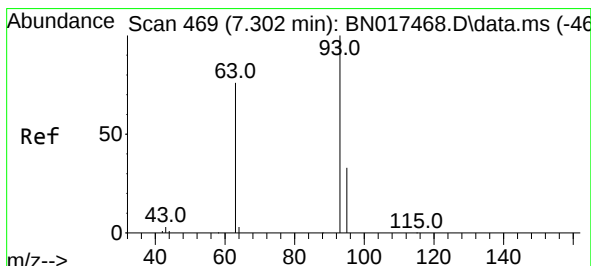
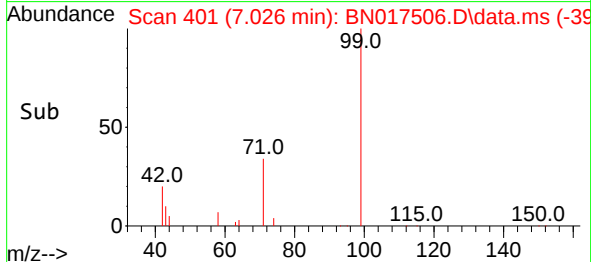
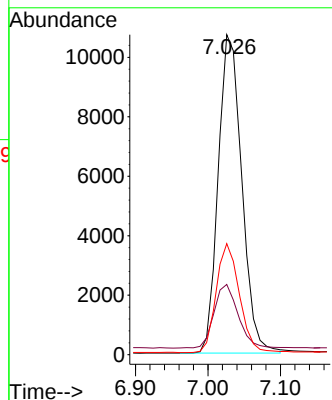
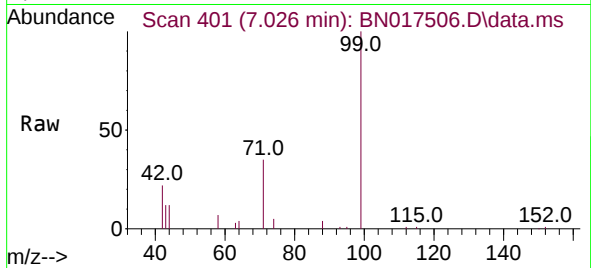




#5
Phenol-d6
Concen: 0.356 ng
RT: 7.026 min Scan# 40
Delta R.T. -0.009 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

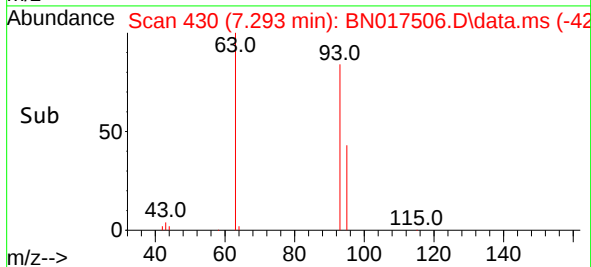
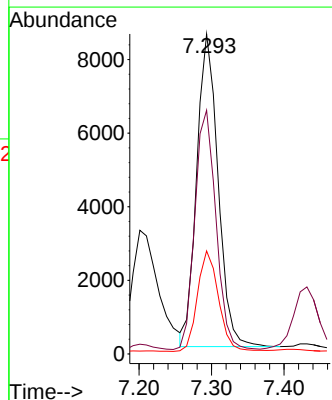
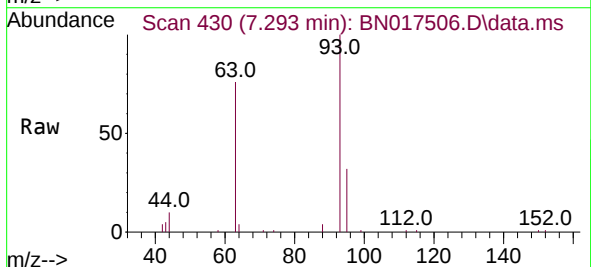
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

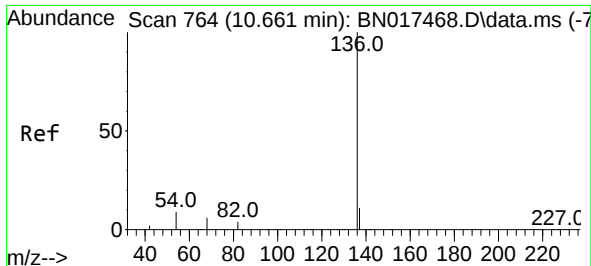
Tgt Ion: 99 Resp: 24216
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 33.6 24.8 37.2



#6
bis(2-Chloroethyl)ether
Concen: 0.239 ng
RT: 7.293 min Scan# 430
Delta R.T. -0.009 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion: 93 Resp: 17391
Ion Ratio Lower Upper
93 100
63 75.8 65.8 98.6
95 31.8 26.6 39.8

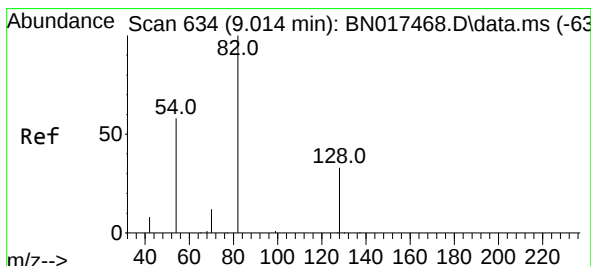
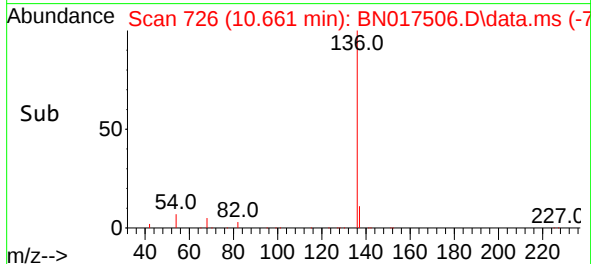
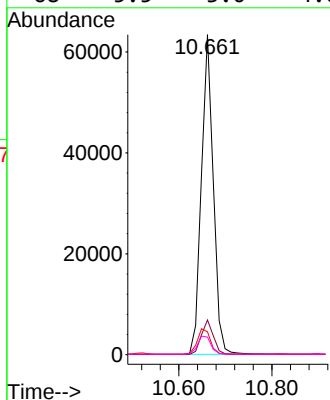
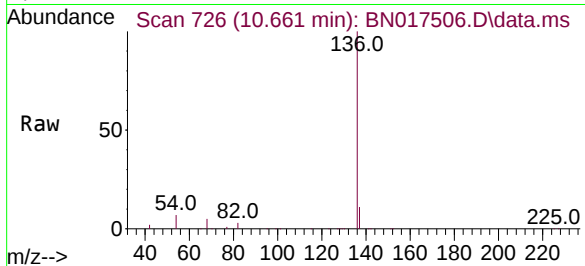




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

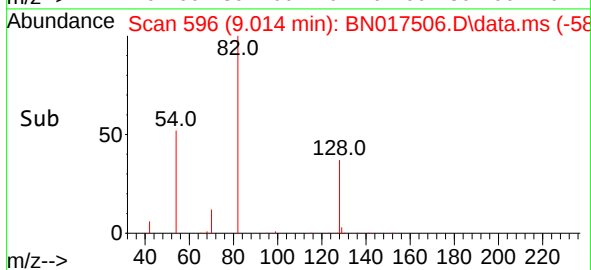
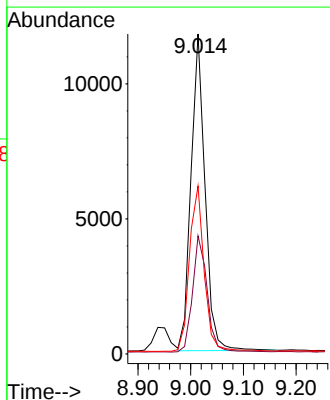
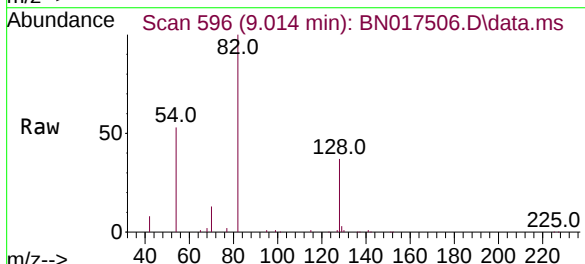
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

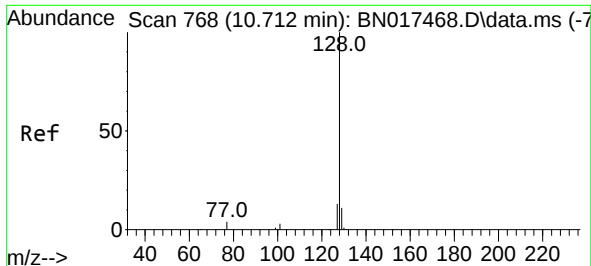
Tgt Ion:	136	Resp:	113566
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.1	4.0	6.0#
68	5.5	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 9.014 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:	82	Resp:	21695
Ion Ratio	Lower	Upper	
82	100		
128	36.9	27.7	41.5
54	52.5	49.2	73.8





#9
Naphthalene

Concen: 0.220 ng

RT: 10.712 min Scan# 712

Delta R.T. 0.000 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

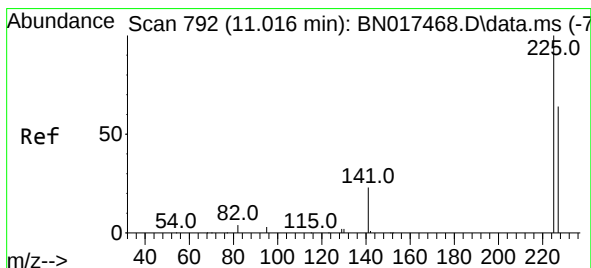
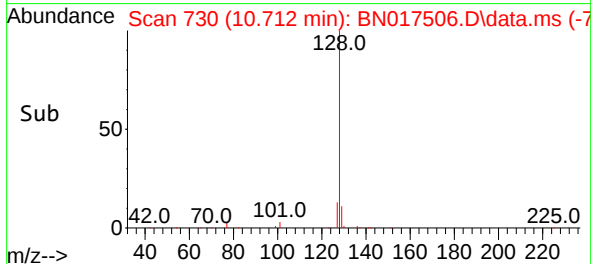
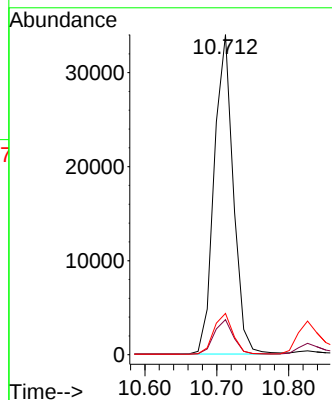
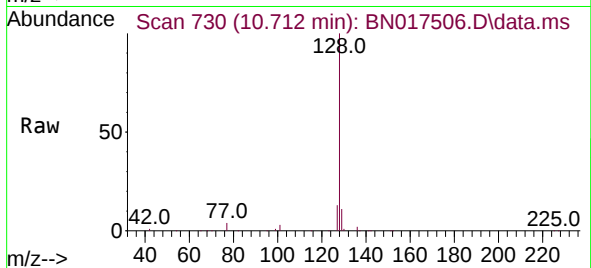
Tgt Ion:128 Resp: 62674

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.9 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.219 ng

RT: 11.016 min Scan# 754

Delta R.T. 0.000 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

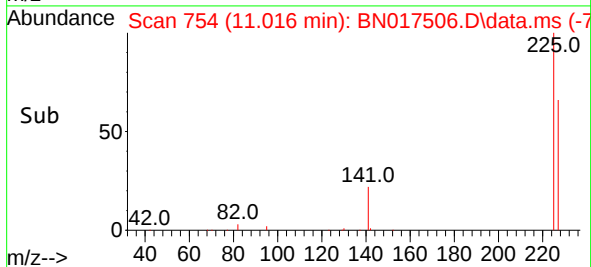
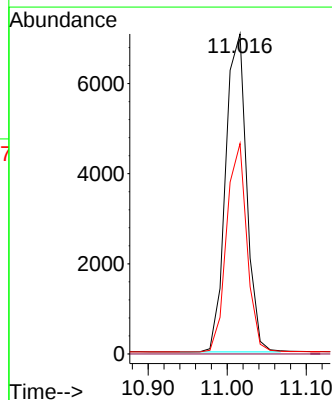
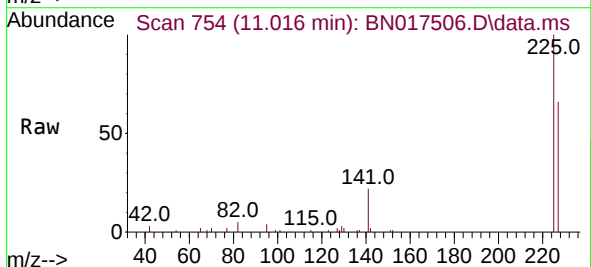
Tgt Ion:225 Resp: 13052

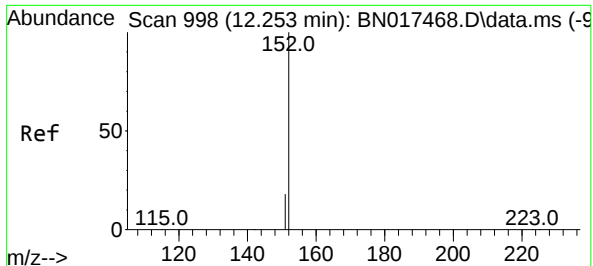
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.2 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.249 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

Instrument :

BNA_N

ClientSampleId :

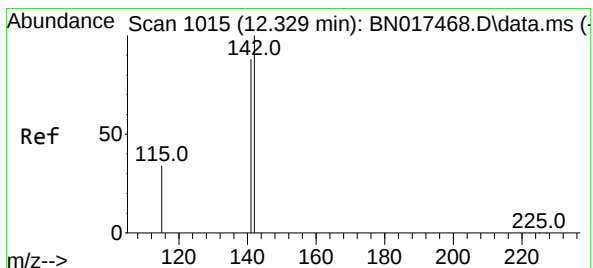
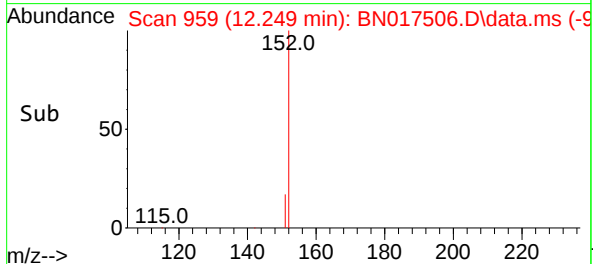
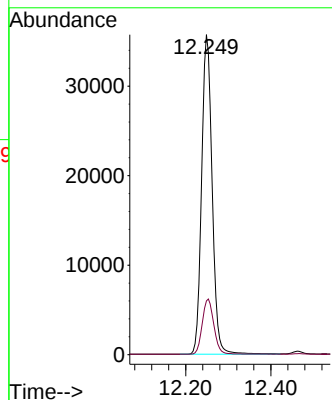
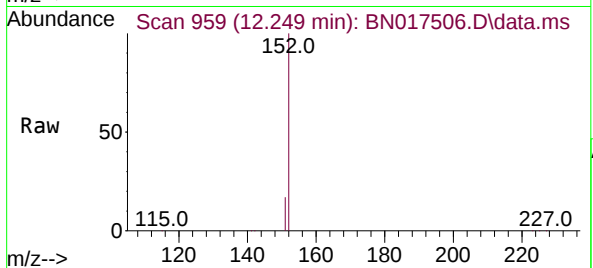
MDL-SOIL-03-QT4-2021

Tgt Ion:152 Resp: 61334

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.222 ng

RT: 12.324 min Scan# 976

Delta R.T. -0.004 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

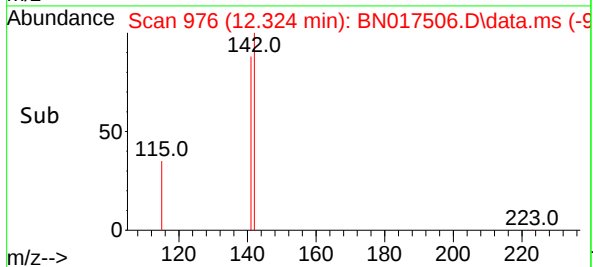
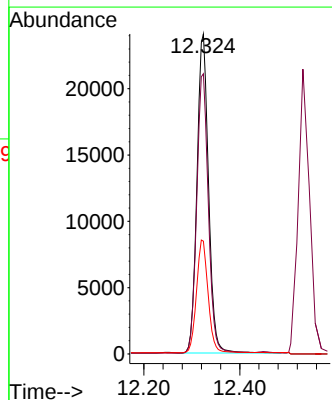
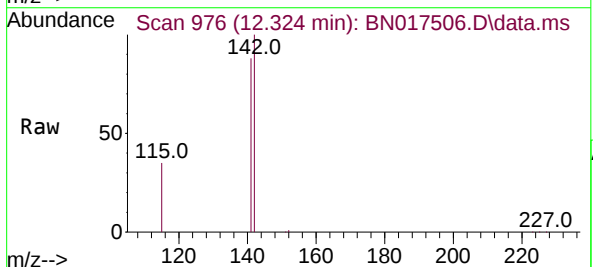
Tgt Ion:142 Resp: 40204

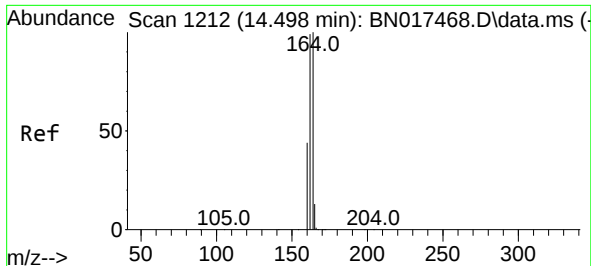
Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

115 35.2 25.8 38.6

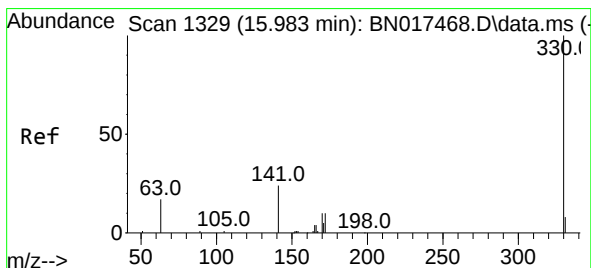
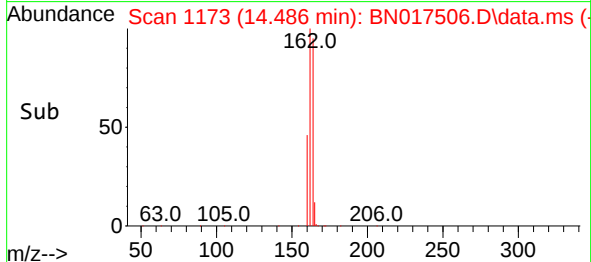
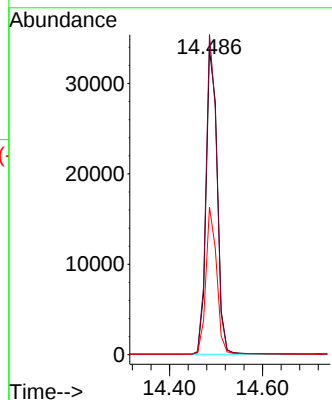
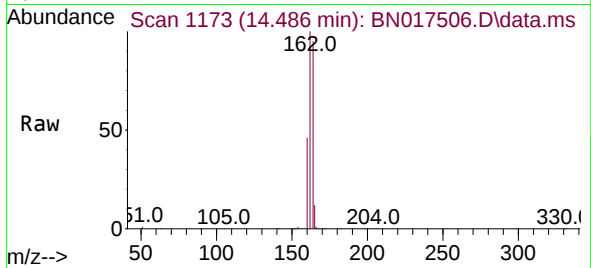




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

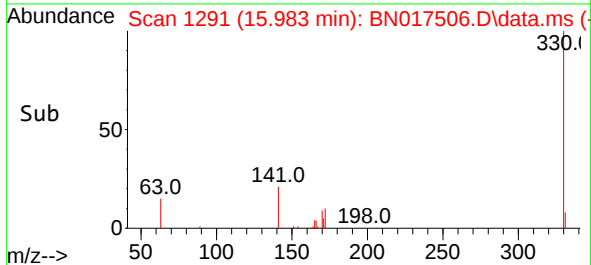
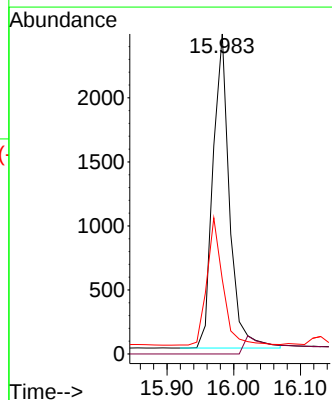
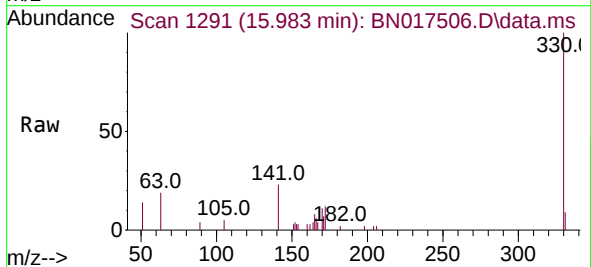
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

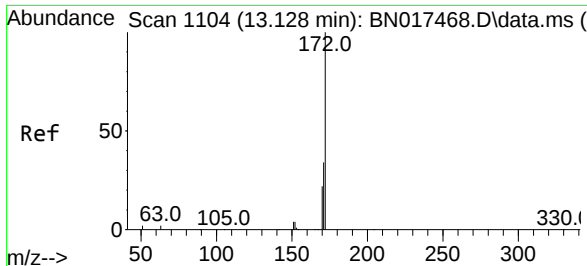
Tgt Ion:164 Resp: 56665
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.2
160 48.3 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.983 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:330 Resp: 4172
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.0 28.9 43.3

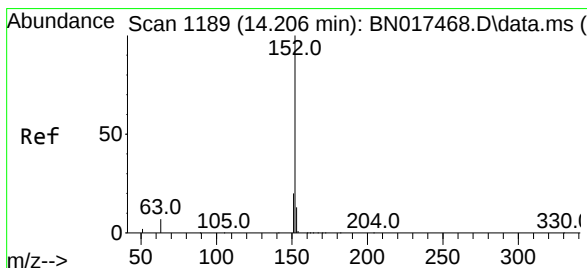
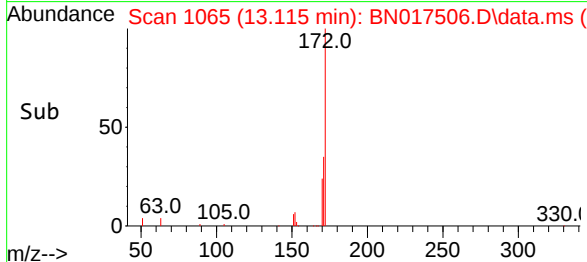
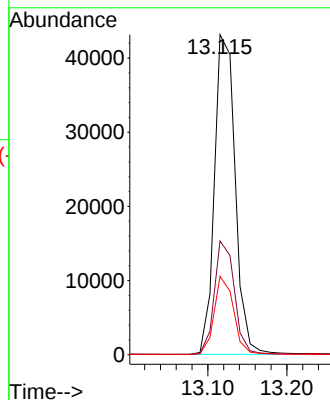
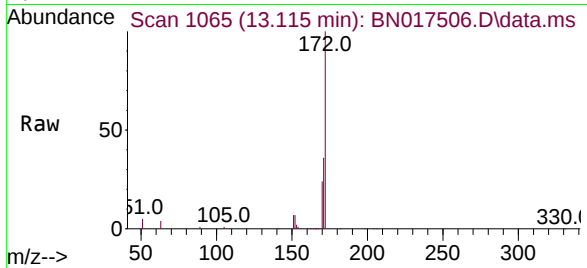




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.115 min Scan# 1104
Delta R.T. -0.013 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

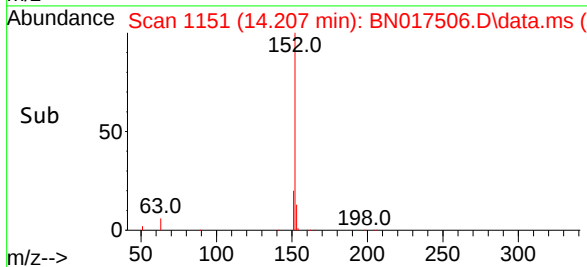
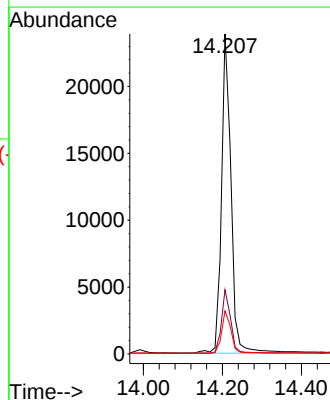
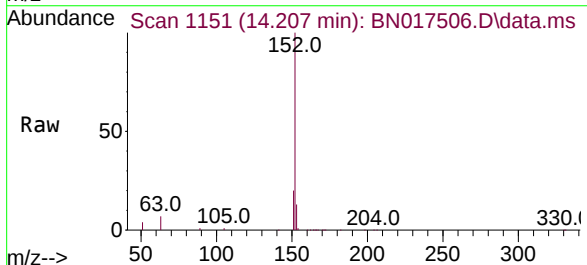
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

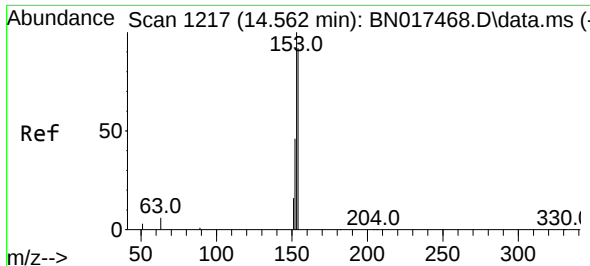
Tgt Ion:172 Resp: 78817
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.5 19.4 29.2



#16
Acenaphthylene
Concen: 0.189 ng
RT: 14.207 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:152 Resp: 39918
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.2 10.4 15.6

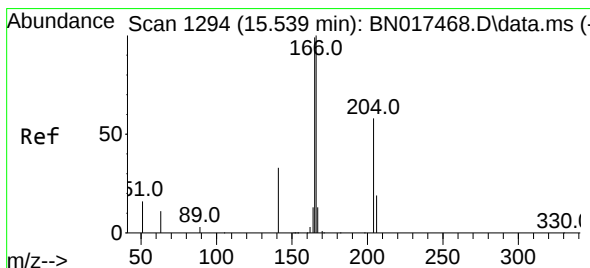
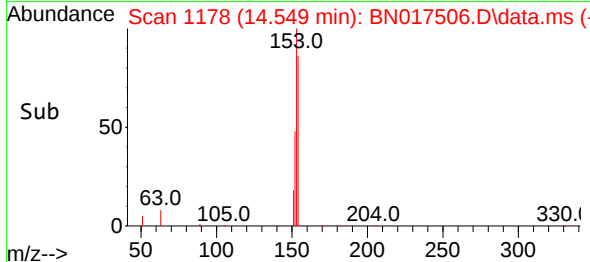
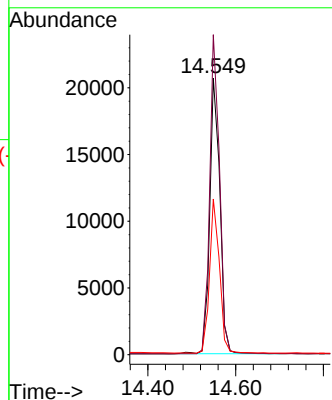
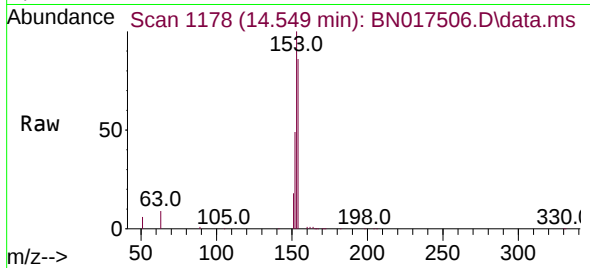




#17
Acenaphthene
Concen: 0.214 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

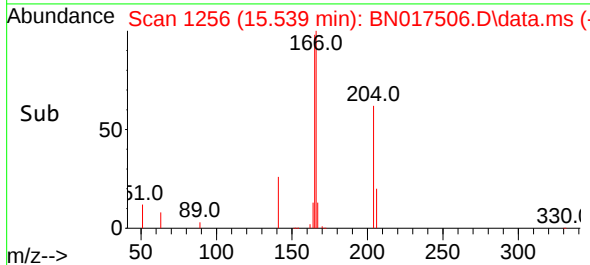
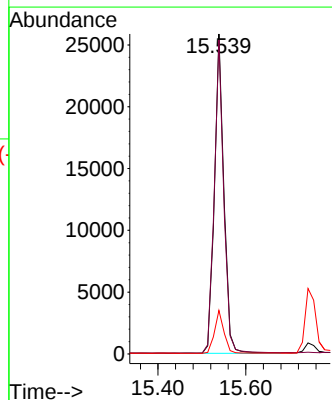
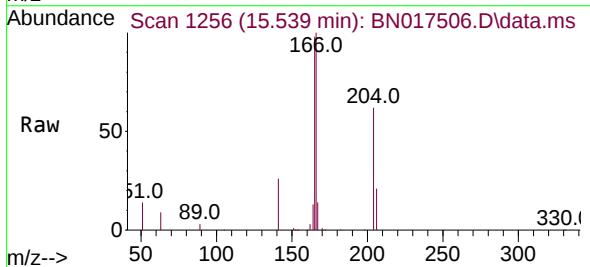
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

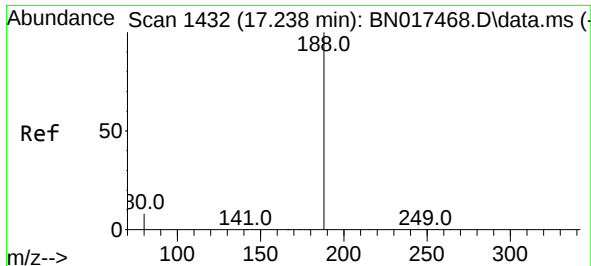
Tgt Ion:154 Resp: 32746
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 54.7 44.3 66.5



#18
Fluorene
Concen: 0.218 ng
RT: 15.539 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:166 Resp: 38421
Ion Ratio Lower Upper
166 100
165 98.4 77.9 116.9
167 13.4 10.9 16.3

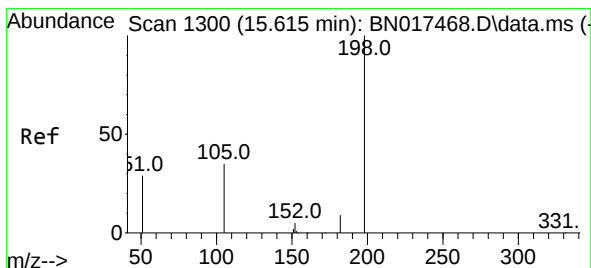
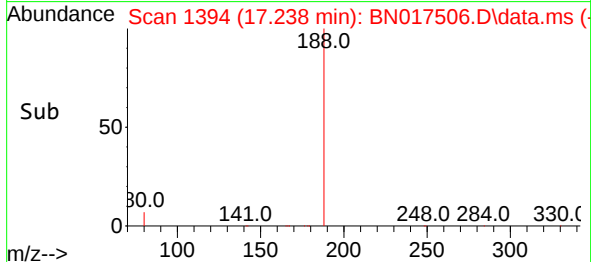
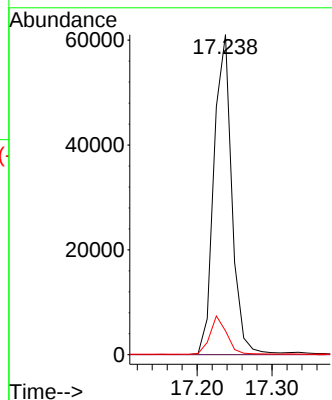
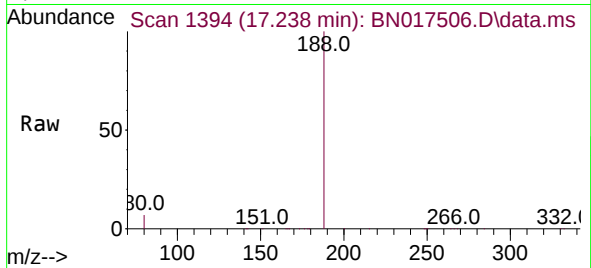




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

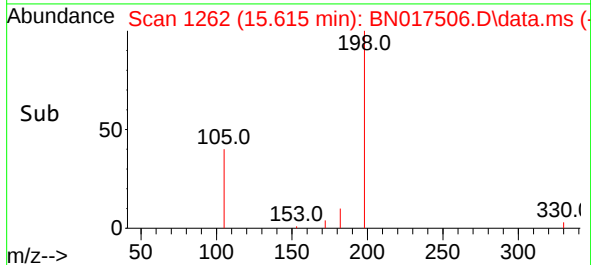
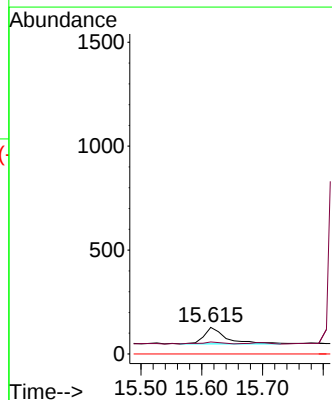
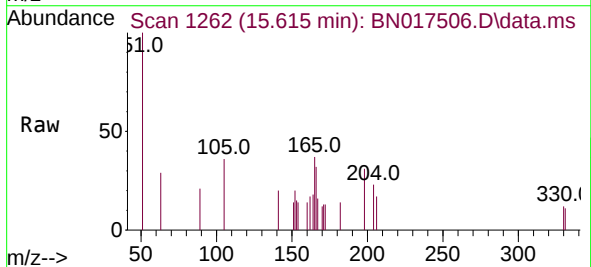
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

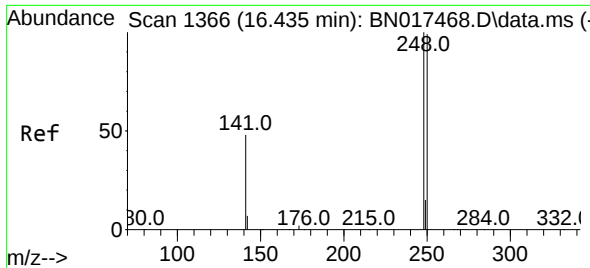
Tgt Ion:188 Resp: 100878
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.615 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:198 Resp: 195
Ion Ratio Lower Upper
198 100
182 45.3 11.4 17.2#
77 0.0 0.0 0.0

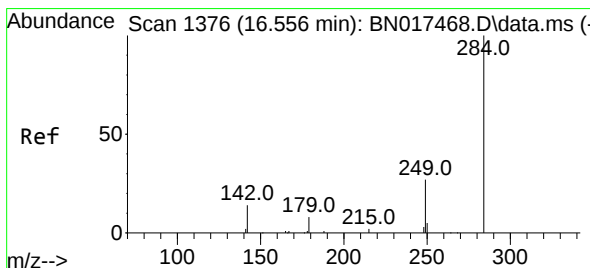
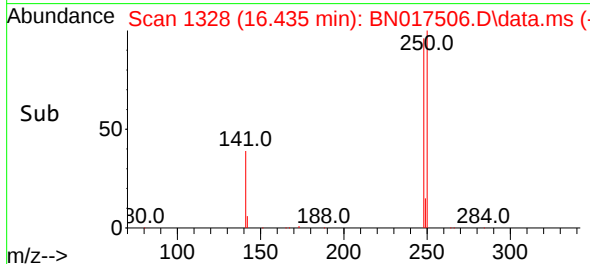
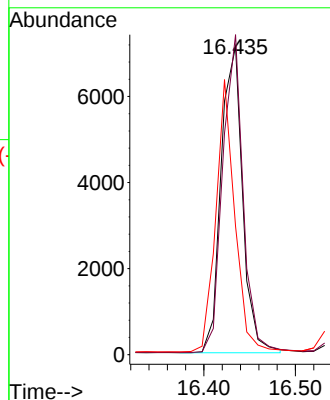
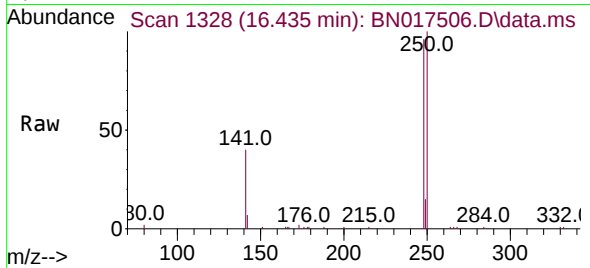




#21
4-Bromophenyl-phenylether
Concen: 0.204 ng
RT: 16.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

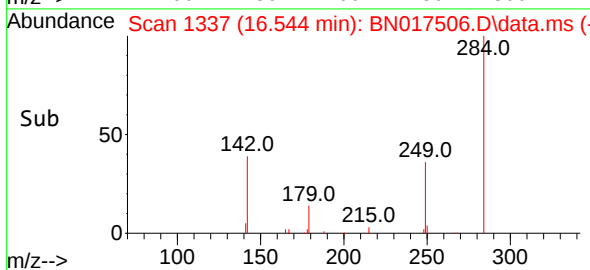
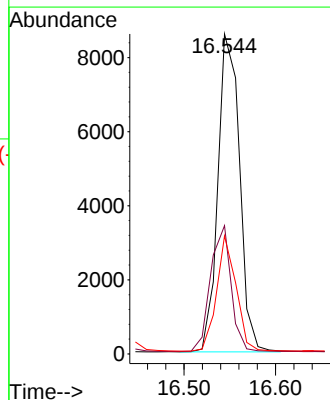
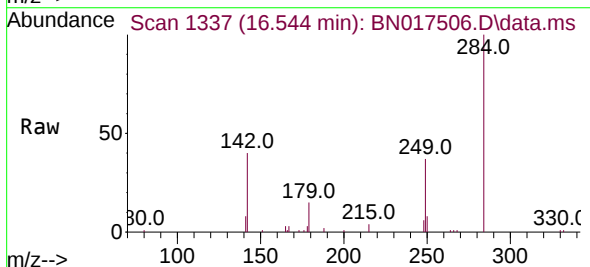
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

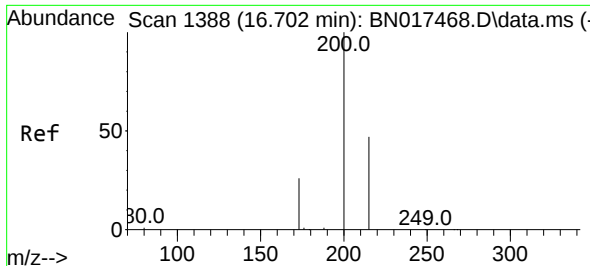
Tgt Ion:248 Resp: 11640
Ion Ratio Lower Upper
248 100
250 103.8 71.8 107.8
141 41.7 70.9 106.3#



#22
Hexachlorobenzene
Concen: 0.218 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:284 Resp: 14107
Ion Ratio Lower Upper
284 100
142 37.5 28.2 42.2
249 32.6 24.4 36.6

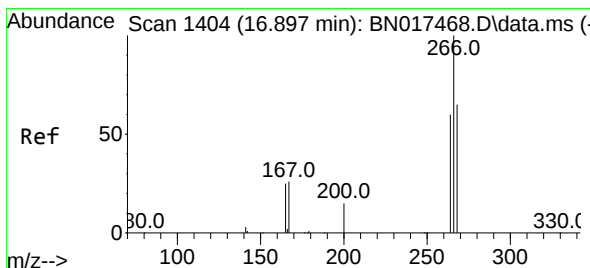
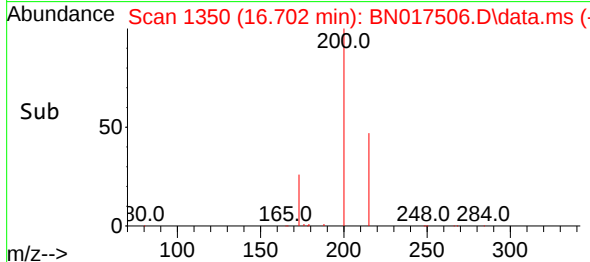
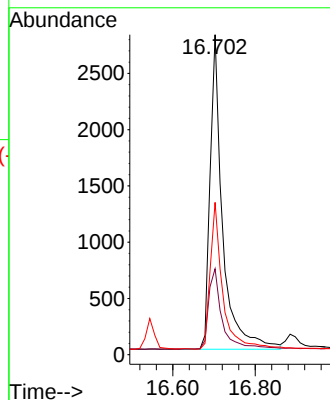
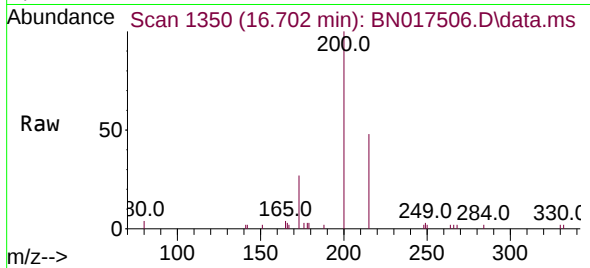




#23
Atrazine
Concen: 0.180 ng
RT: 16.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

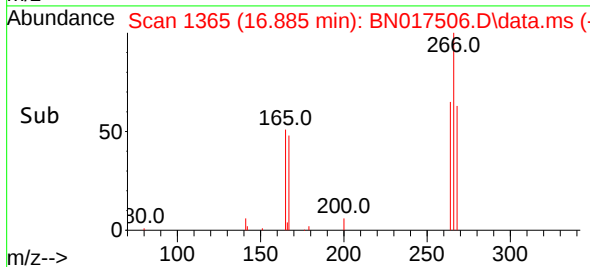
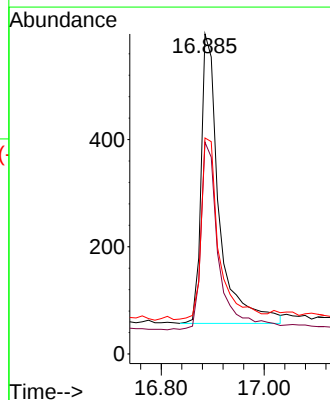
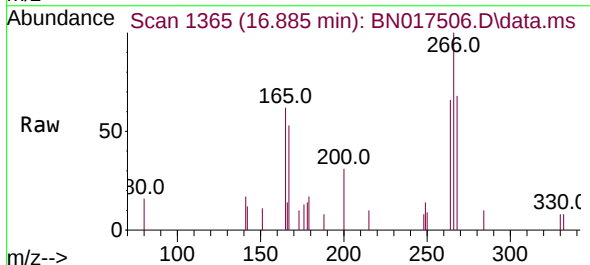
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

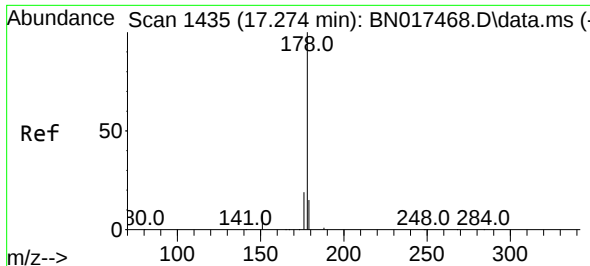
Tgt Ion:200 Resp: 5884
Ion Ratio Lower Upper
200 100
173 26.9 17.6 26.4#
215 47.6 40.2 60.4



#24
Pentachlorophenol
Concen: 0.167 ng
RT: 16.885 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:266 Resp: 1314
Ion Ratio Lower Upper
266 100
264 64.2 49.8 74.8
268 62.0 51.3 76.9

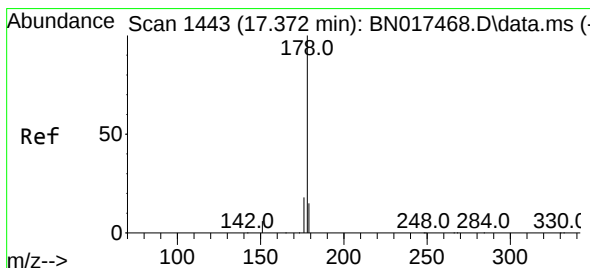
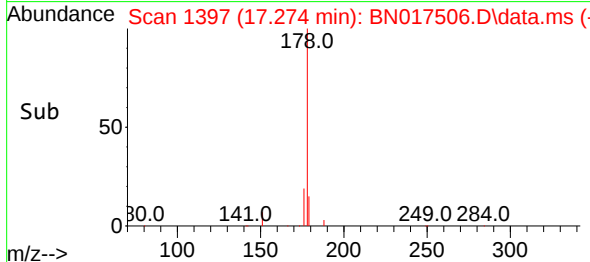
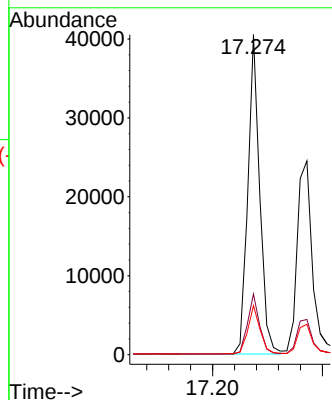
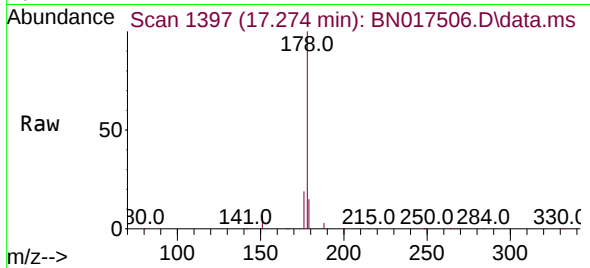




#25
Phenanthrene
Concen: 0.219 ng
RT: 17.274 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

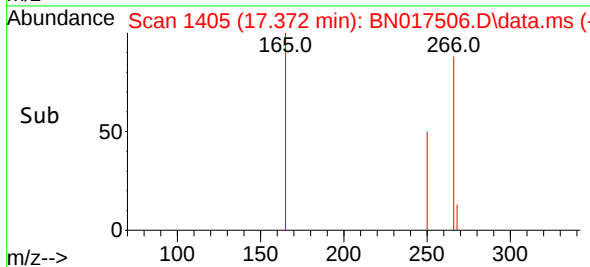
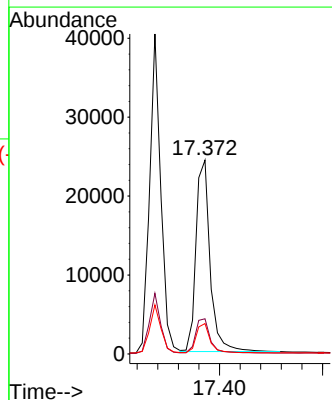
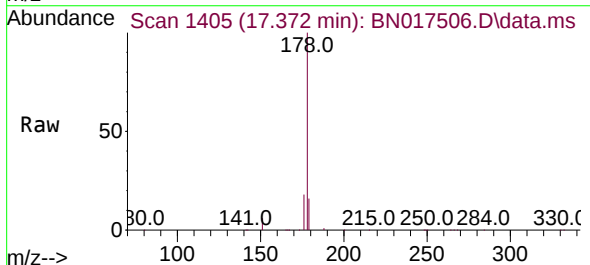
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

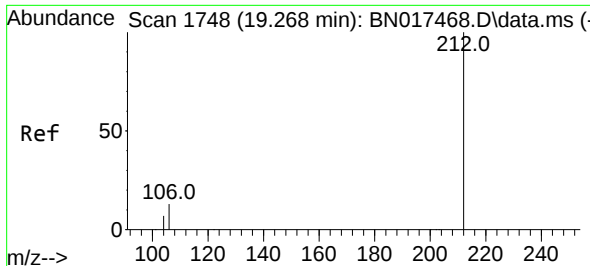
Tgt Ion:178 Resp: 60767
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.3 18.5



#26
Anthracene
Concen: 0.202 ng
RT: 17.372 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:178 Resp: 46421
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 12.2 18.4

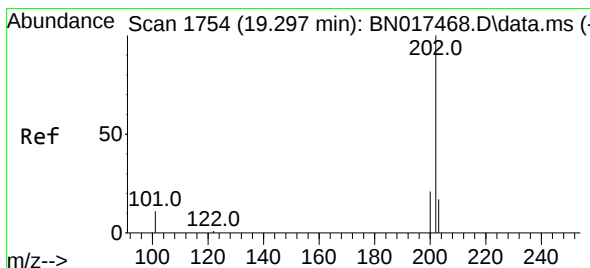
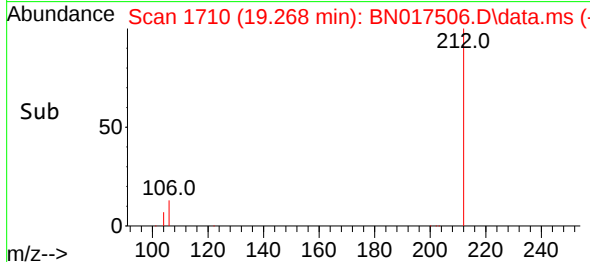
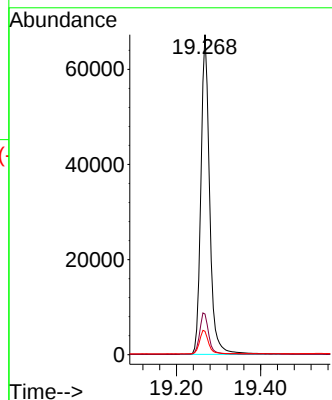
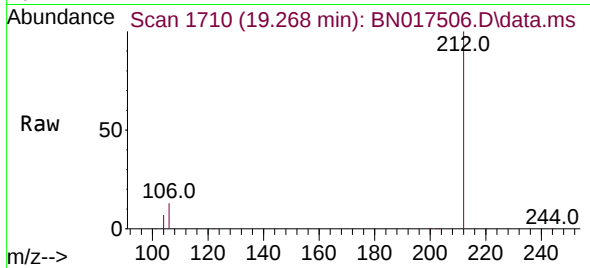




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.268 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

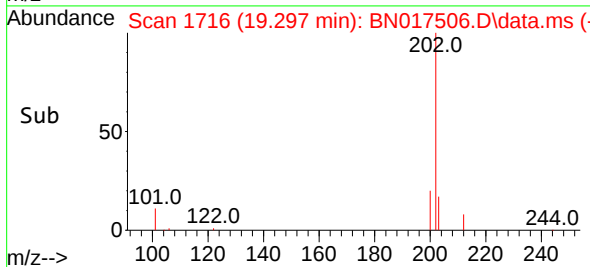
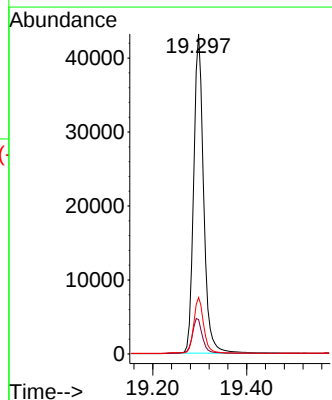
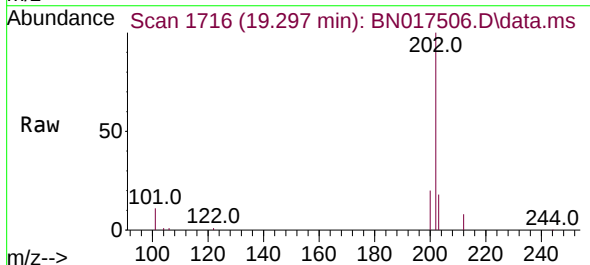
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

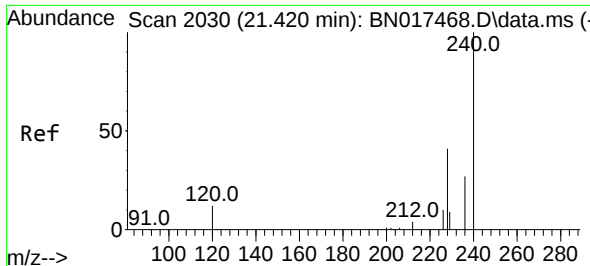
Tgt Ion:212 Resp: 97735
Ion Ratio Lower Upper
212 100
106 13.3 10.5 15.7
104 7.5 5.8 8.6



#28
Fluoranthene
Concen: 0.213 ng
RT: 19.297 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:202 Resp: 63259
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.3 13.8 20.6

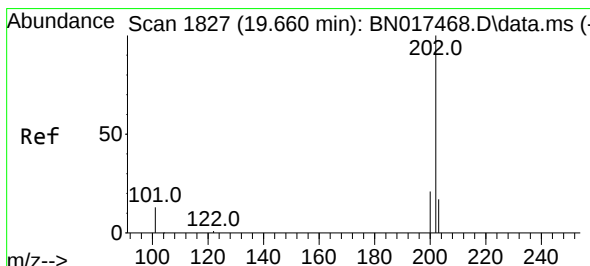
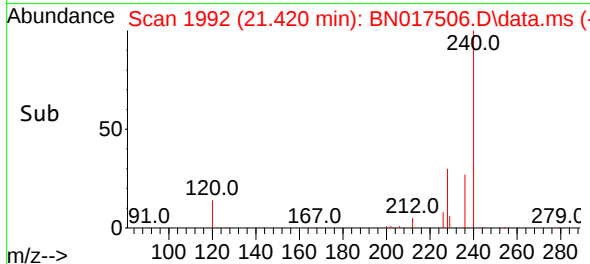
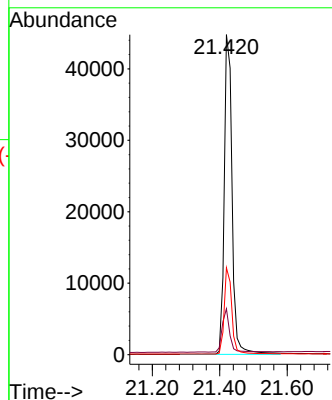
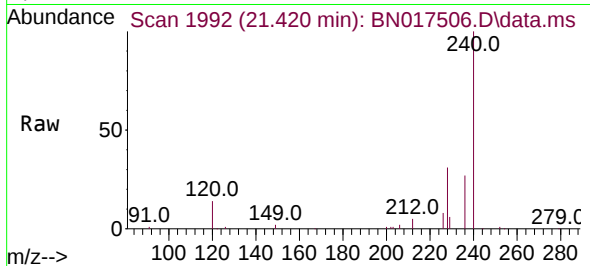




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

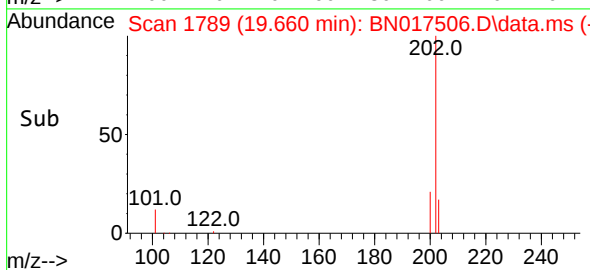
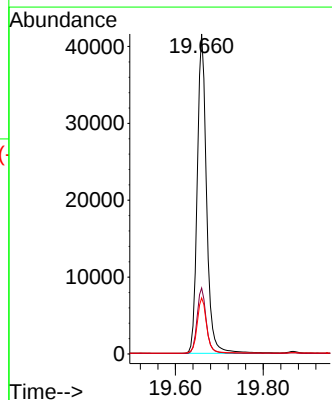
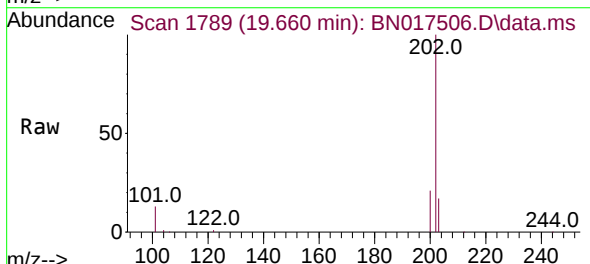
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

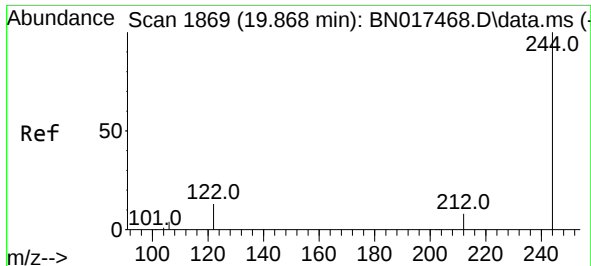
Tgt Ion:240 Resp: 72008
Ion Ratio Lower Upper
240 100
120 14.3 4.2 6.2#
236 27.1 20.0 30.0



#30
Pyrene
Concen: 0.237 ng
RT: 19.660 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

Tgt Ion:202 Resp: 61202
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.8 14.0 21.0

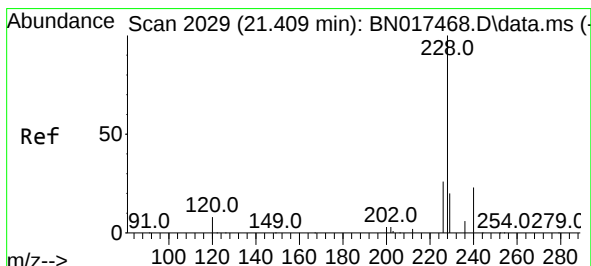
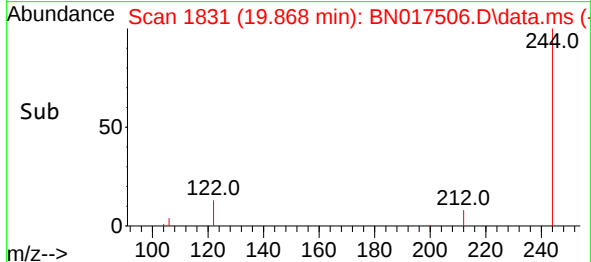
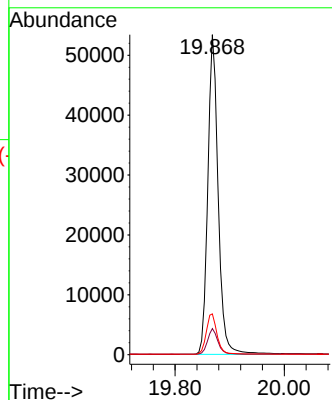
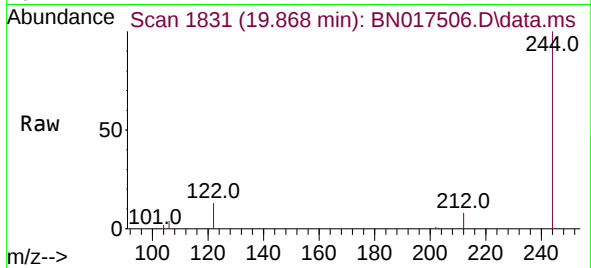




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017506.D
 Acq: 18 Nov 2021 13:24

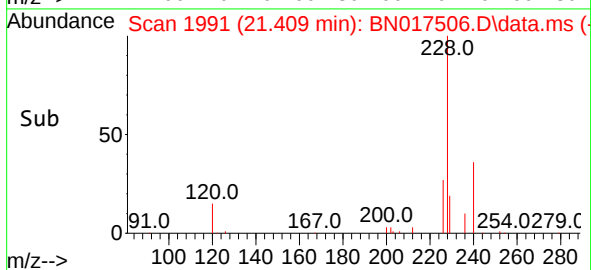
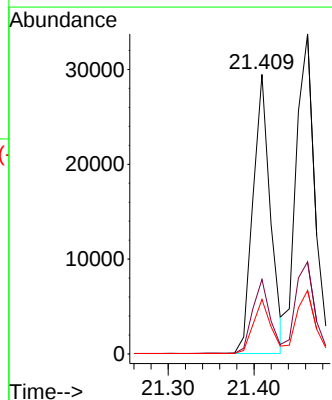
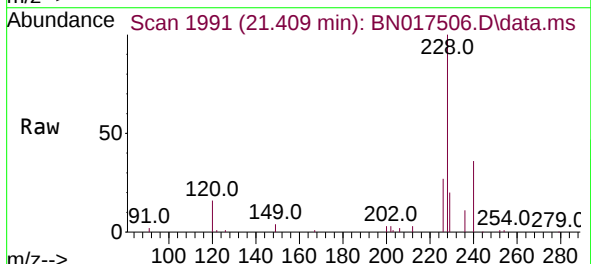
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

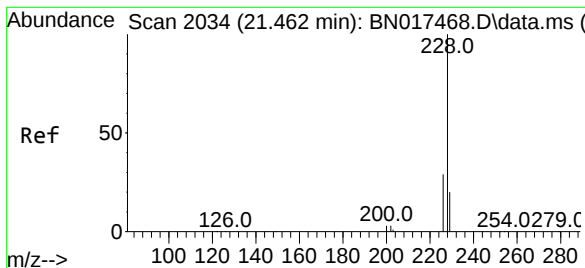
Tgt Ion:244 Resp: 70980
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 12.8 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.186 ng
 RT: 21.409 min Scan# 1991
 Delta R.T. 0.000 min
 Lab File: BN017506.D
 Acq: 18 Nov 2021 13:24

Tgt Ion:228 Resp: 41396
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 19.5 15.7 23.5





#33

Chrysene

Concen: 0.223 ng

RT: 21.462 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

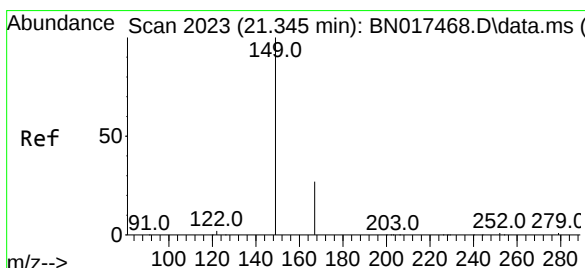
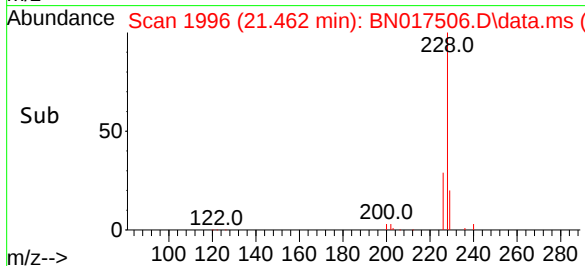
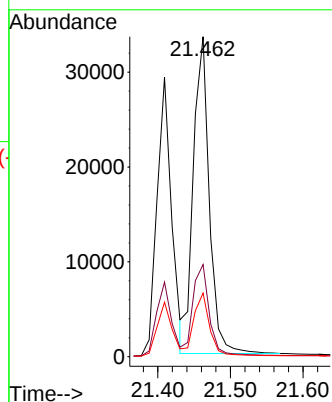
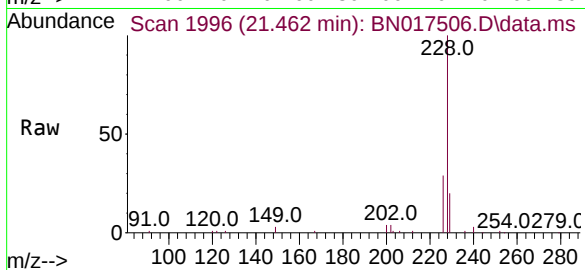
Tgt Ion:228 Resp: 51129

Ion Ratio Lower Upper

228 100

226 28.8 23.3 34.9

229 19.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.167 ng

RT: 21.345 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

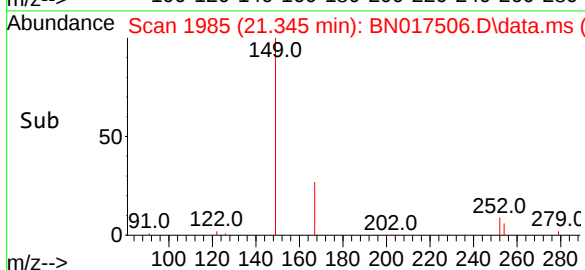
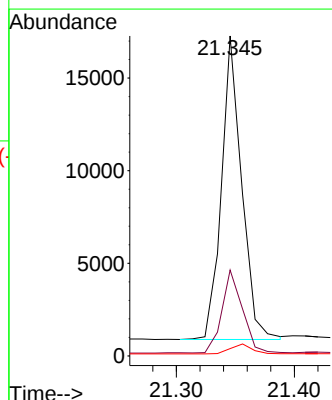
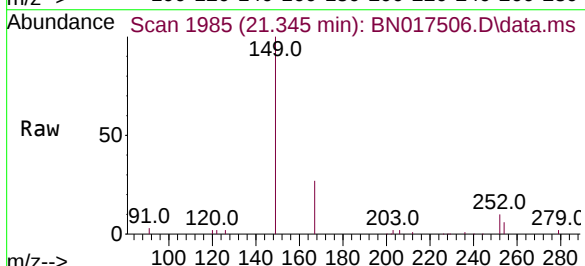
Tgt Ion:149 Resp: 19470

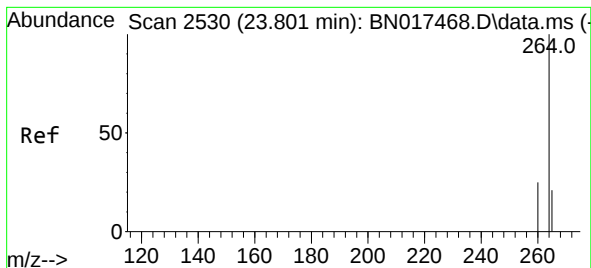
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 3.5 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.801 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN017506.D

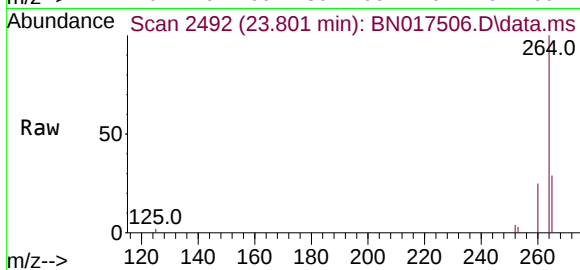
Acq: 18 Nov 2021 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021



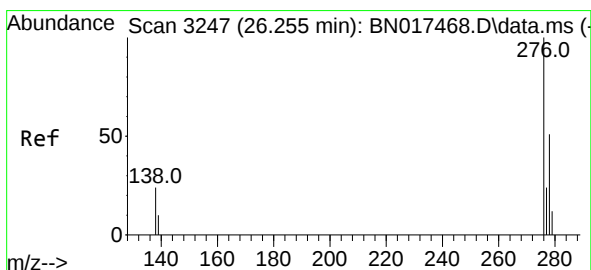
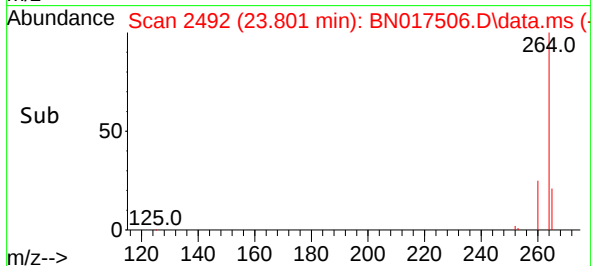
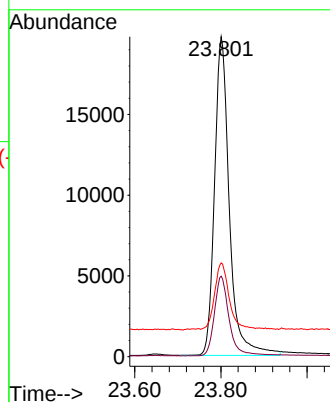
Tgt Ion:264 Resp: 46982

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 29.3 18.6 28.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.148 ng

RT: 26.258 min Scan# 3210

Delta R.T. 0.003 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

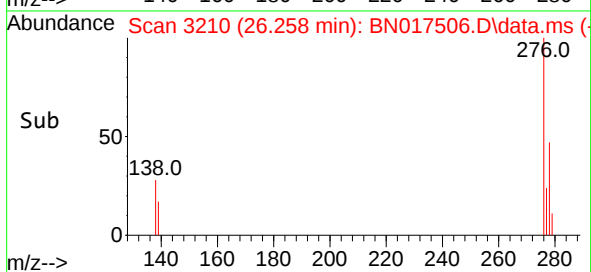
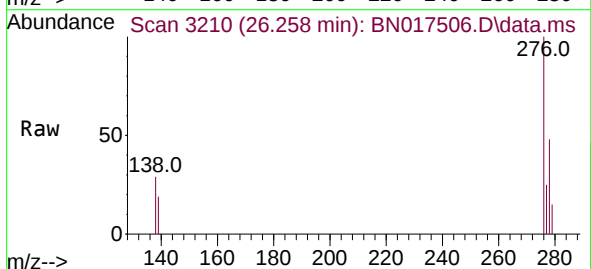
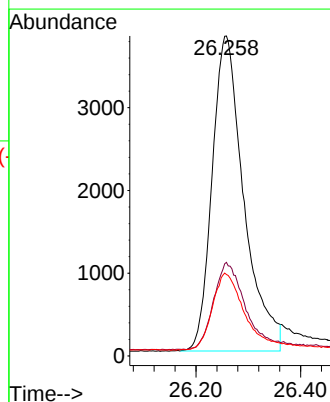
Tgt Ion:276 Resp: 16041

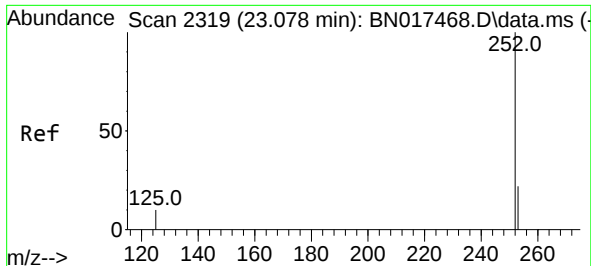
Ion Ratio Lower Upper

276 100

138 27.7 19.7 29.5

277 24.4 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.213 ng

RT: 23.078 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

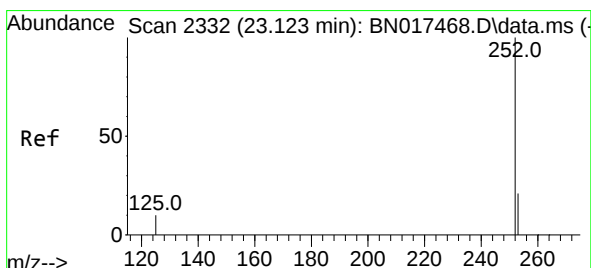
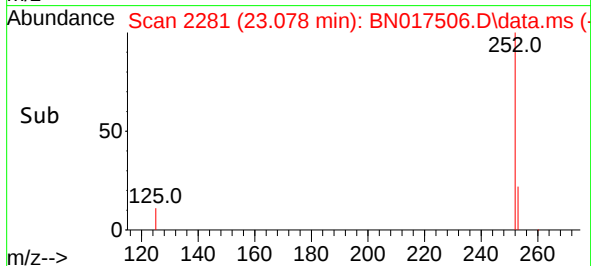
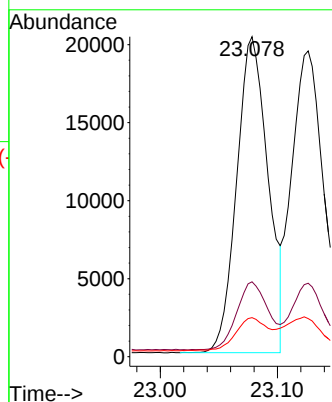
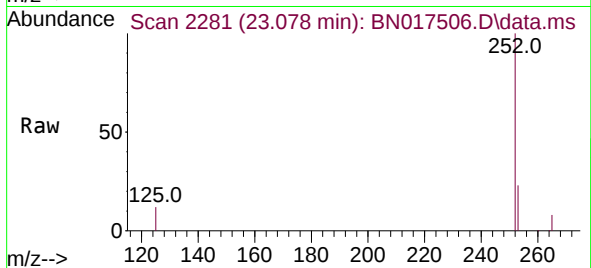
Tgt Ion:252 Resp: 37593

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 12.2 7.8 11.8#



#38

Benzo(k)fluoranthene

Concen: 0.213 ng

RT: 23.126 min Scan# 2295

Delta R.T. 0.003 min

Lab File: BN017506.D

Acq: 18 Nov 2021 13:24

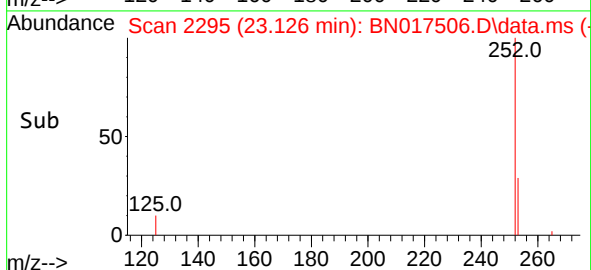
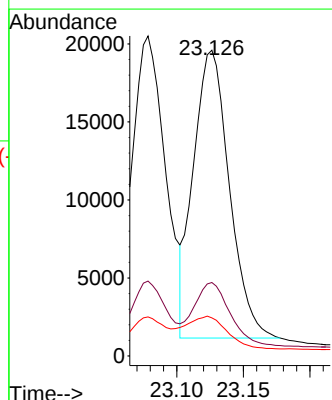
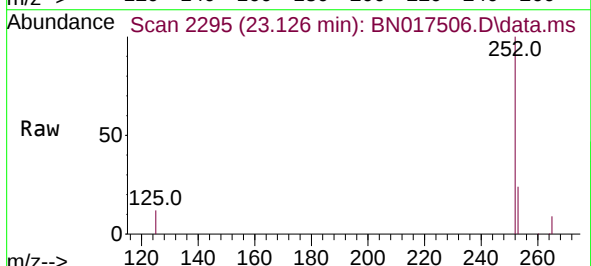
Tgt Ion:252 Resp: 34571

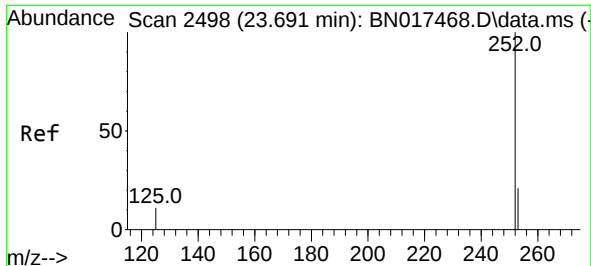
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

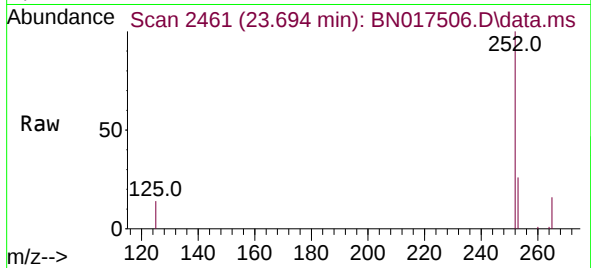
125 12.5 8.2 12.2#



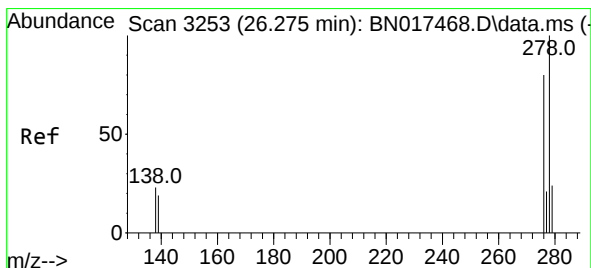
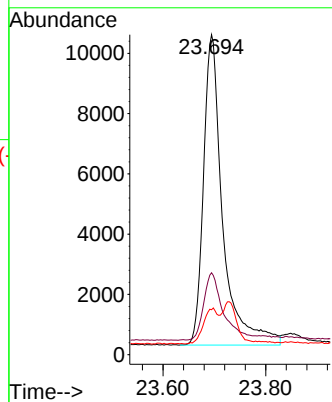
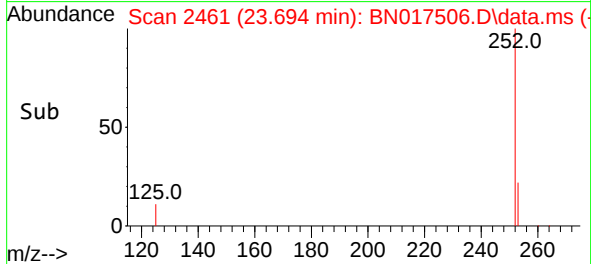


#39
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.694 min Scan# 2498
Delta R.T. 0.003 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24

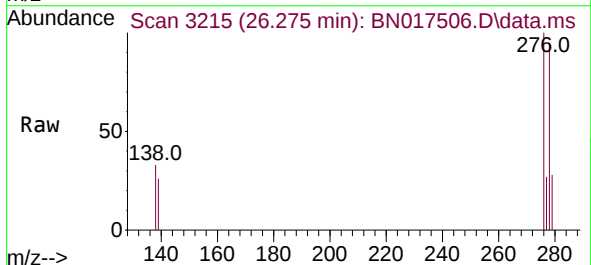
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021



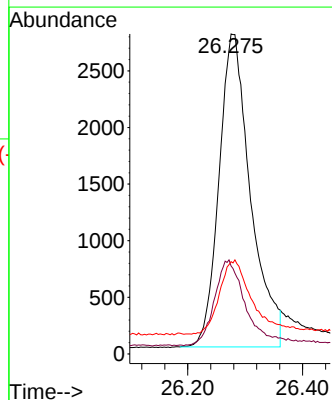
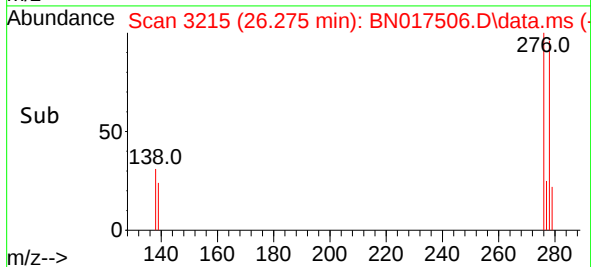
Tgt Ion:252 Resp: 26750
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 14.1 9.2 13.8#

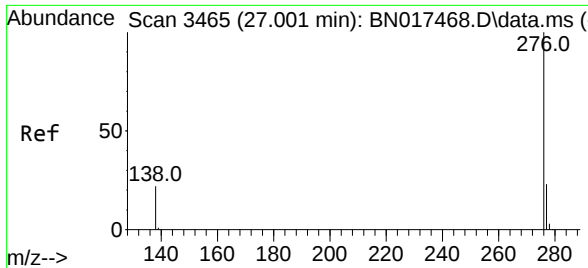


#40
Dibenzo(a,h)anthracene
Concen: 0.128 ng
RT: 26.275 min Scan# 3215
Delta R.T. 0.000 min
Lab File: BN017506.D
Acq: 18 Nov 2021 13:24



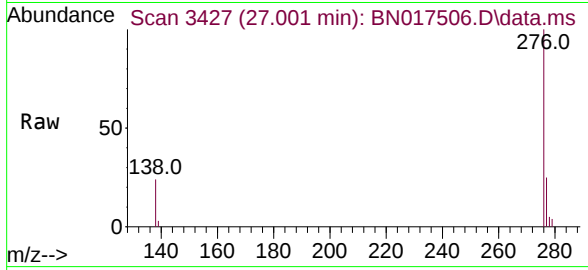
Tgt Ion:278 Resp: 10562
Ion Ratio Lower Upper
278 100
139 27.5 13.0 19.6#
279 28.8 19.2 28.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.172 ng
 RT: 27.001 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN017506.D
 Acq: 18 Nov 2021 13:24

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021



Tgt Ion:	276	Resp:	17574
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.0	28.4
138	24.0	17.1	25.7

