

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
 Data File : BN015796.D
 Acq On : 04 Aug 2021 16:40
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Aug 04 17:13:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 14:09:59 2021
 Response via : Initial Calibration

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

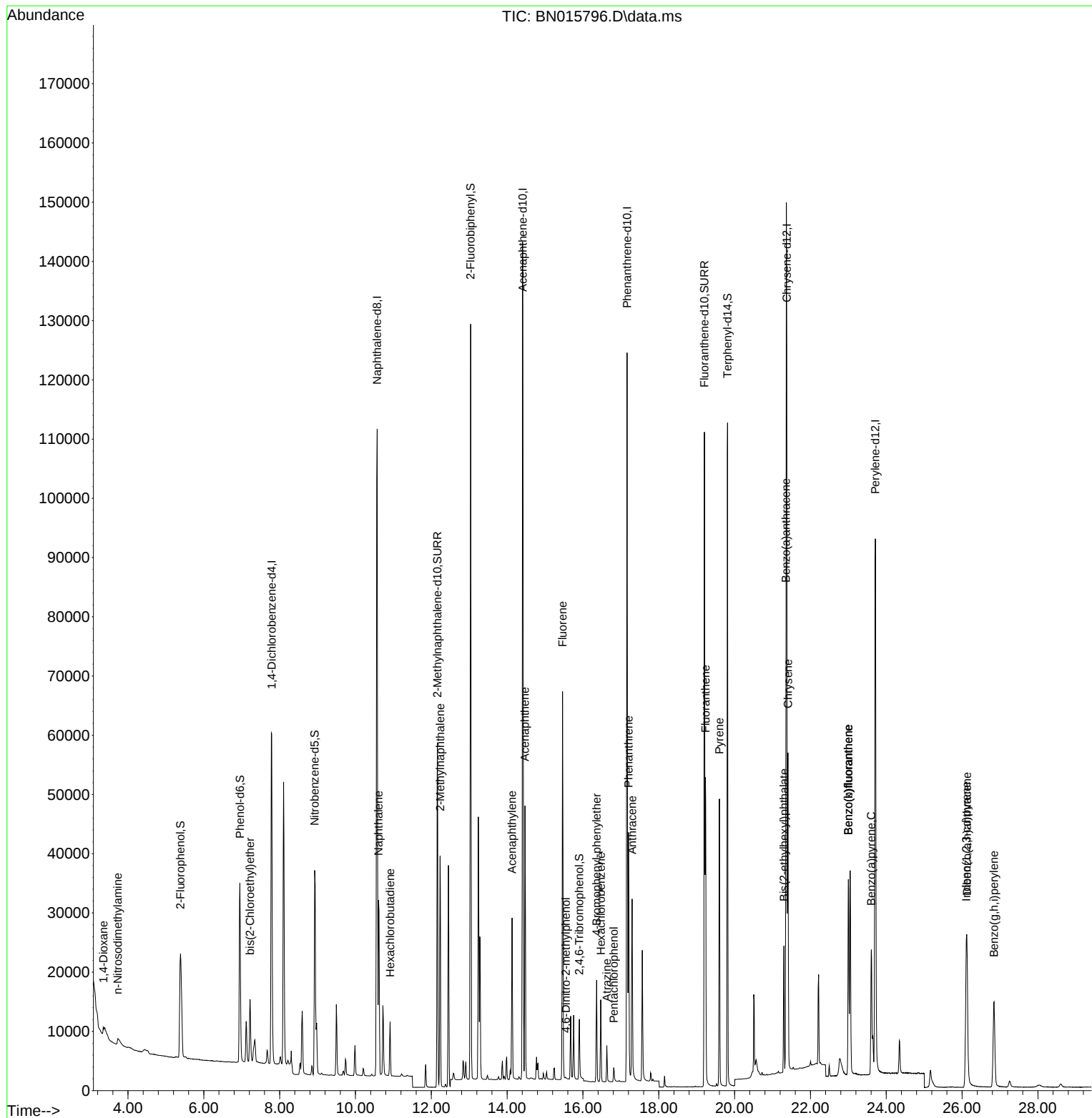
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	36124	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	162321	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	83378	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	156928	0.400	ng	0.00
29) Chrysene-d12	21.376	240	134640	0.400	ng	# 0.01
35) Perylene-d12	23.710	264	125581	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	32951	0.373	ng	0.00
5) Phenol-d6	6.951	99	38609	0.362	ng	0.00
8) Nitrobenzene-d5	8.924	82	32848	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	77371	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8487	0.281	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	105386	0.317	ng	0.00
27) Fluoranthene-d10	19.202	212	126094	0.309	ng	0.00
31) Terphenyl-d14	19.813	244	111858	0.336	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	822	0.070	ng	# 87
3) n-Nitrosodimethylamine	3.733	42	1660	0.069	ng	# 91
6) bis(2-Chloroethyl)ether	7.218	93	10262	0.106	ng	99
9) Naphthalene	10.609	128	43011	0.101	ng	99
10) Hexachlorobutadiene	10.914	225	7309	0.098	ng	# 99
12) 2-Methylnaphthalene	12.234	142	27964	0.102	ng	99
16) Acenaphthylene	14.129	152	29248	0.085	ng	100
17) Acenaphthene	14.472	154	22740	0.095	ng	99
18) Fluorene	15.461	166	26603	0.093	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	235	0.090	ng	# 22
21) 4-Bromophenyl-phenylether	16.360	248	8267	0.090	ng	93
22) Hexachlorobenzene	16.470	284	10138	0.096	ng	100
23) Atrazine	16.628	200	4855	0.086	ng	97
24) Pentachlorophenol	16.811	266	1471	0.045	ng	98
25) Phenanthrene	17.200	178	44363	0.095	ng	99
26) Anthracene	17.297	178	35002	0.089	ng	100
28) Fluoranthene	19.232	202	45996	0.095	ng	100
30) Pyrene	19.599	202	44428	0.099	ng	100
32) Benzo(a)anthracene	21.355	228	38432	0.093	ng	100
33) Chrysene	21.408	228	43143	0.097	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	13717	0.307	ng	100
36) Indeno(1,2,3-cd)pyrene	26.110	276	35092	0.079	ng	97
37) Benzo(b)fluoranthene	23.002	252	43088	0.099	ng	97
38) Benzo(k)fluoranthene	23.002	252	43088	0.095	ng	97
39) Benzo(a)pyrene	23.604	252	34027	0.094	ng	95
40) Dibenzo(a,h)anthracene	26.127	278	27695	0.074	ng	# 87
41) Benzo(g,h,i)perylene	26.842	276	32131	0.083	ng	98

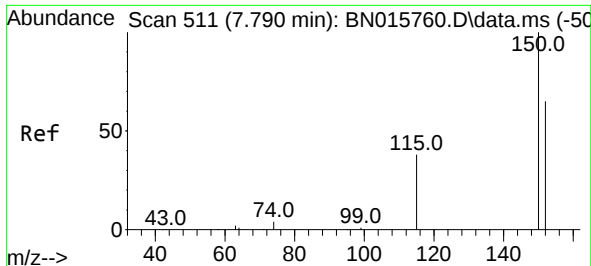
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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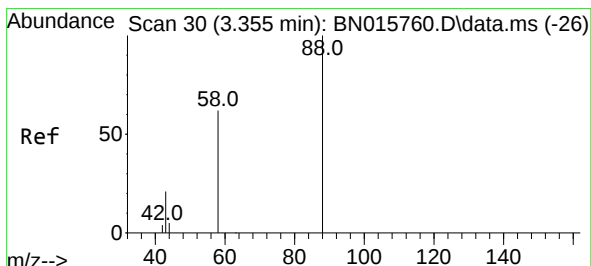
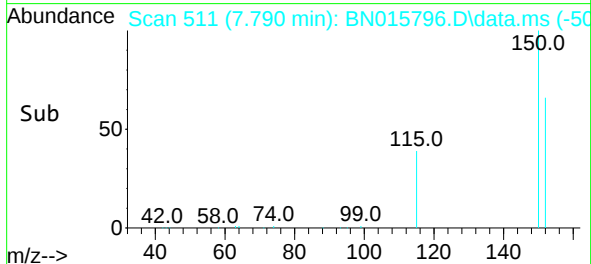
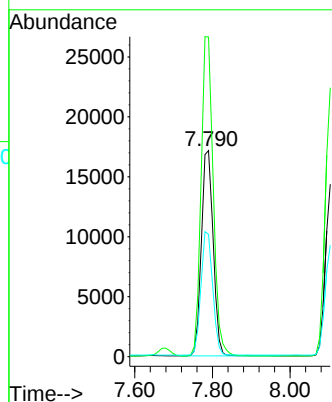
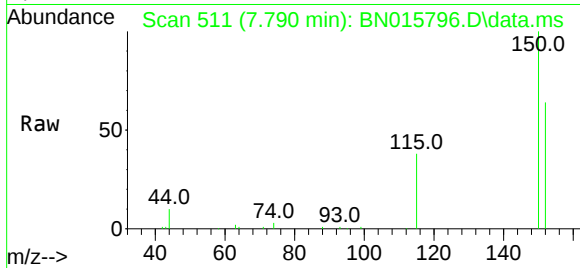




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

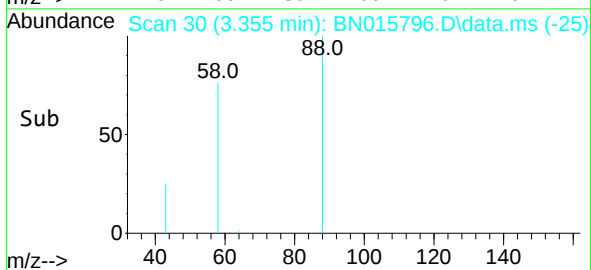
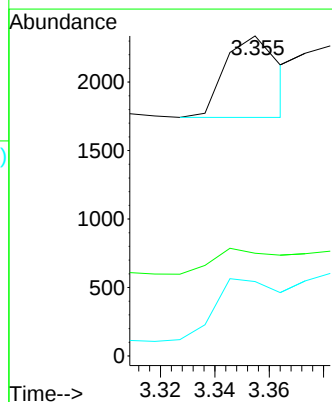
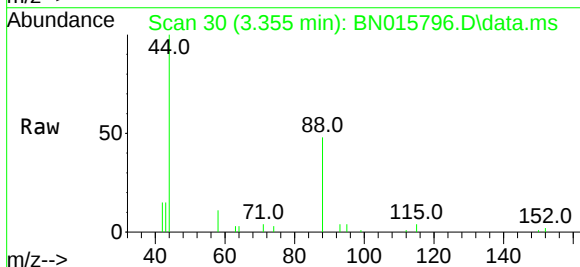
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

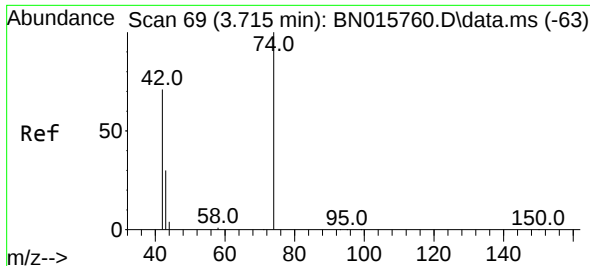
Tgt Ion:152 Resp: 36124
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.5 185.3
 115 59.4 46.8 70.2



#2
 1,4-Dioxane
 Concen: 0.070 ng
 RT: 3.355 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

Tgt Ion: 88 Resp: 822
 Ion Ratio Lower Upper
 88 100
 43 36.7 23.1 34.7#
 58 89.1 62.2 93.4

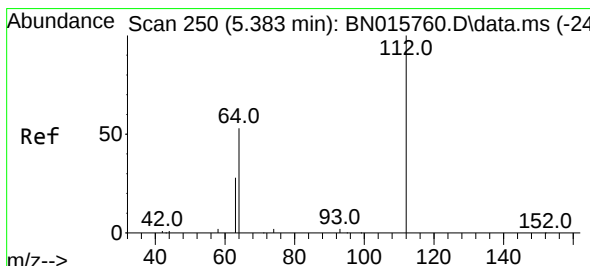
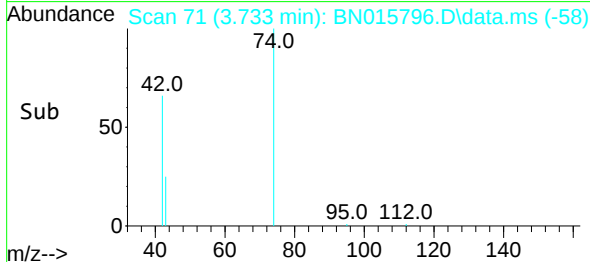
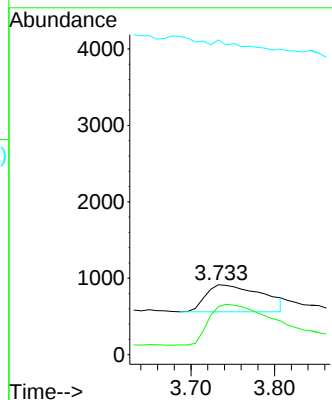
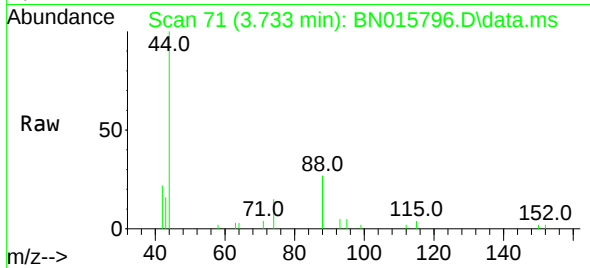




#3
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.733 min Scan# 71
Delta R.T. 0.018 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

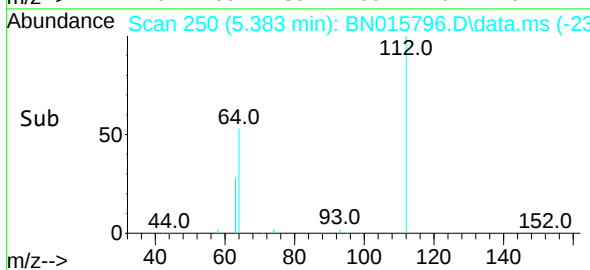
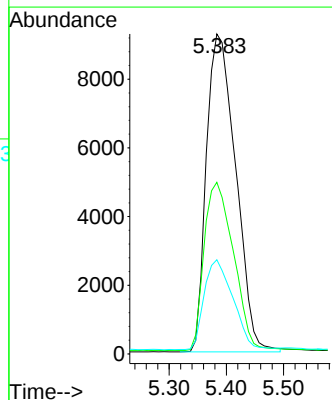
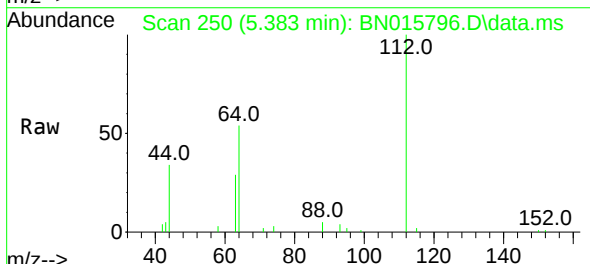
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

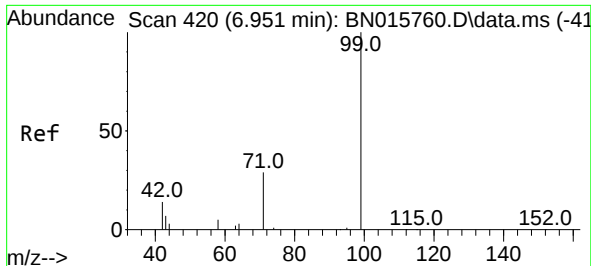
Tgt Ion: 42 Resp: 1660
Ion Ratio Lower Upper
42 100
74 153.9 114.4 171.6
44 0.0 3.6 5.4#



#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.383 min Scan# 250
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion: 112 Resp: 32951
Ion Ratio Lower Upper
112 100
64 53.0 42.2 63.4
63 27.7 22.2 33.2

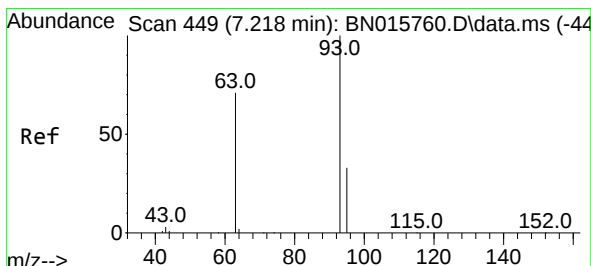
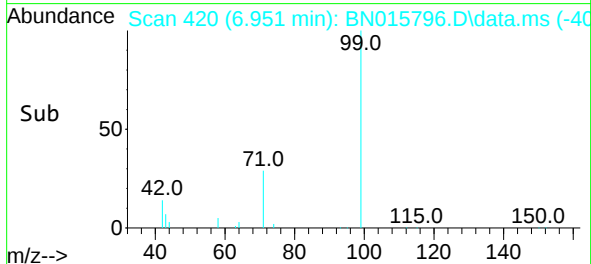
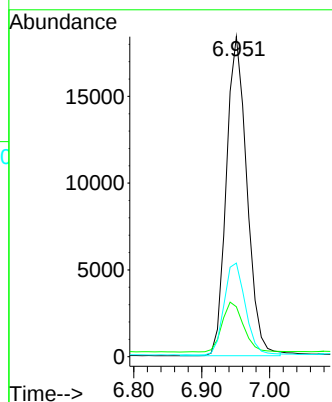
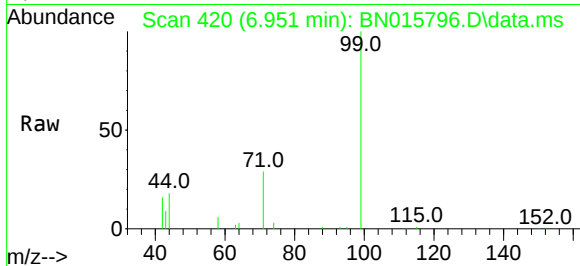




#5
Phenol-d6
Concen: 0.362 ng
RT: 6.951 min Scan# 420
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

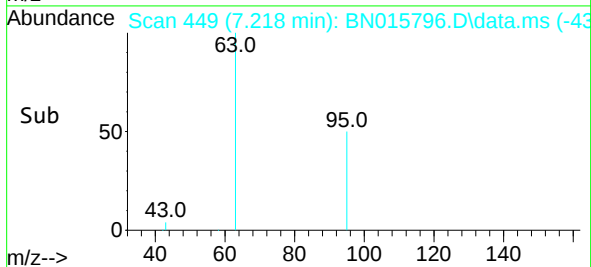
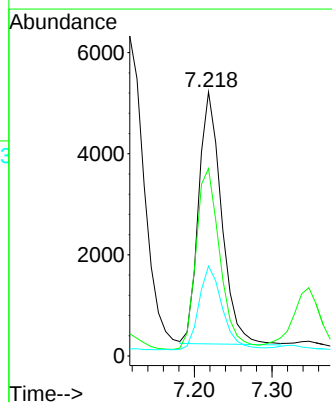
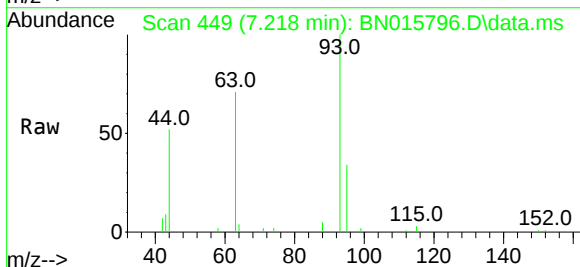
Instrument :
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MDL-SOIL-03-QT3-2021

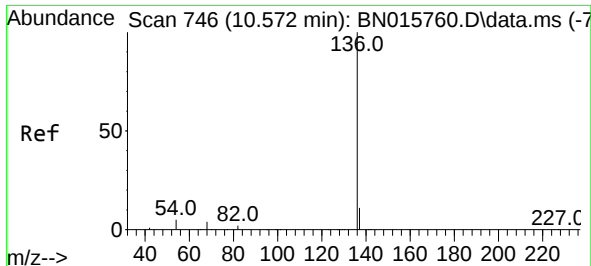
Tgt Ion: 99 Resp: 38609
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 29.8 23.8 35.8



#6
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 7.218 min Scan# 449
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion: 93 Resp: 10262
Ion Ratio Lower Upper
93 100
63 74.8 58.8 88.2
95 33.9 26.6 39.8

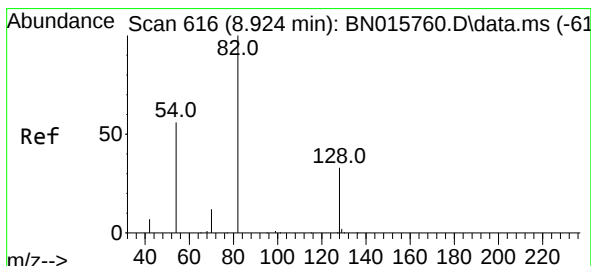
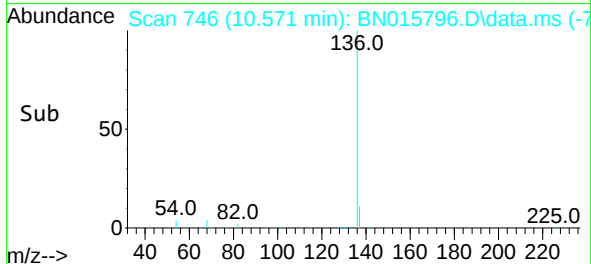
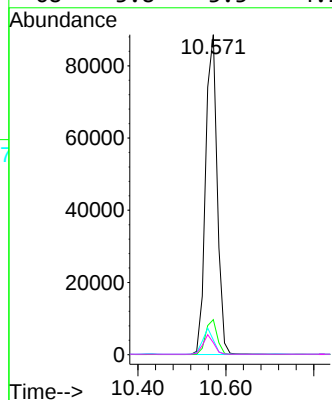
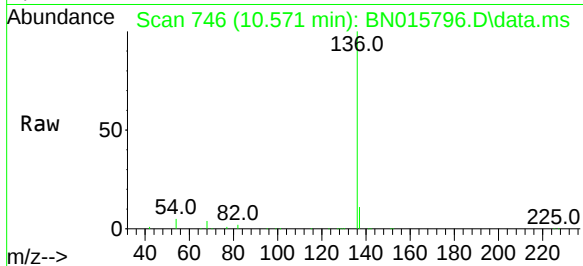




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

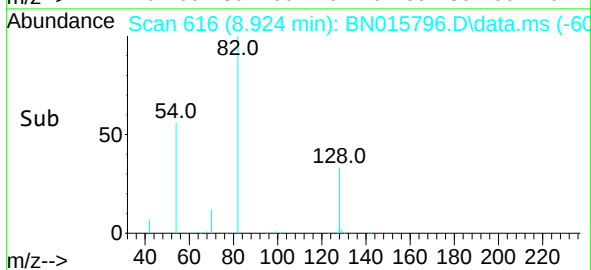
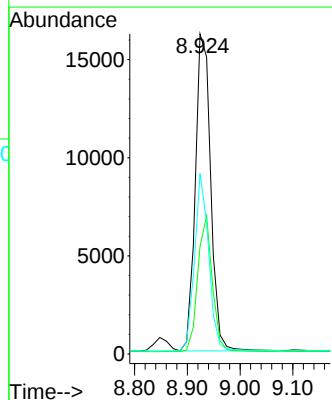
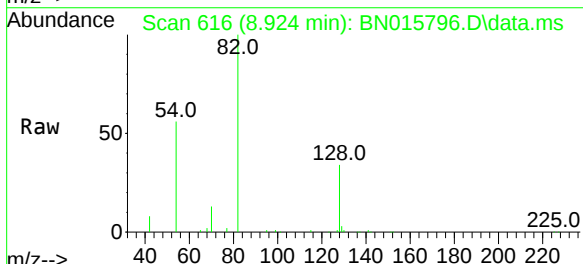
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2021

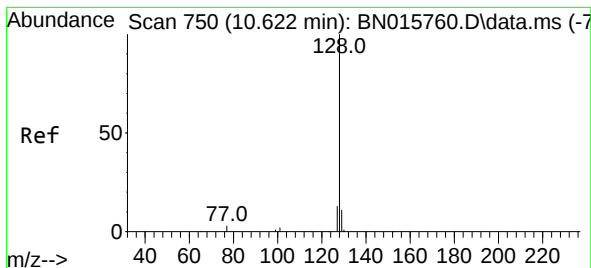
Tgt Ion:	136	Resp:	162321
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	4.6	3.9	5.9
68	3.8	3.3	4.9



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.924 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:	82	Resp:	32848
Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.2	39.4
54	56.3	45.1	67.7

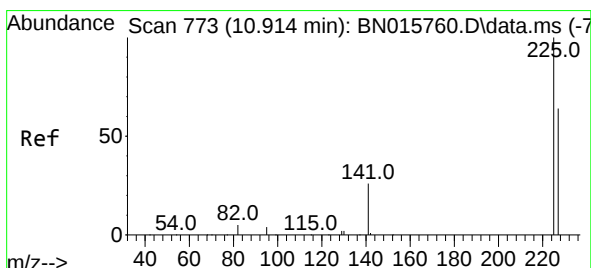
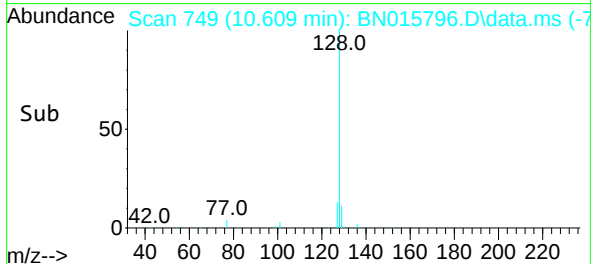
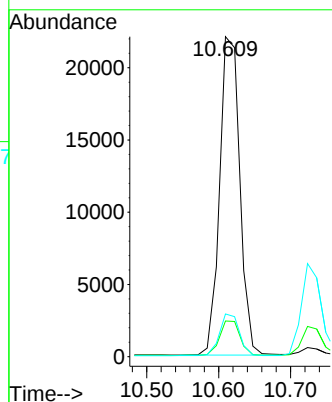
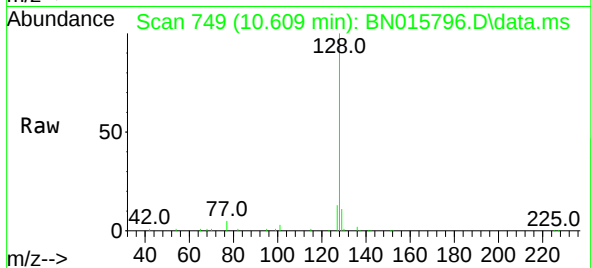




#9
Naphthalene
Concen: 0.101 ng
RT: 10.609 min Scan# 749
Delta R.T. -0.013 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

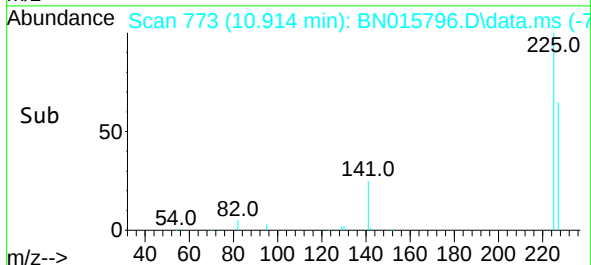
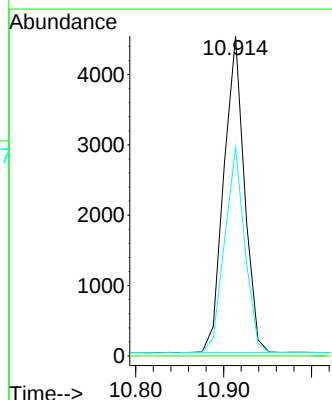
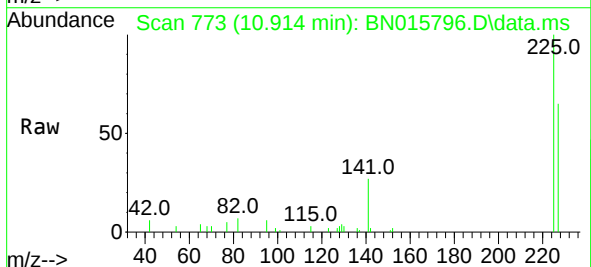
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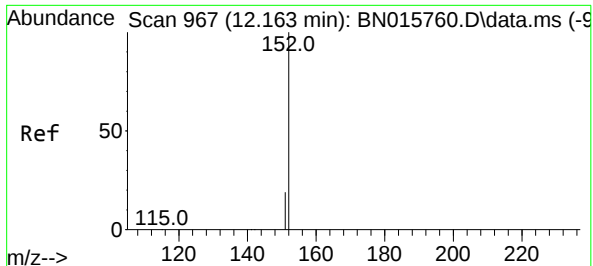
Tgt Ion:128 Resp: 43011
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.2 15.2



#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.914 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:225 Resp: 7309
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 51.5 77.3

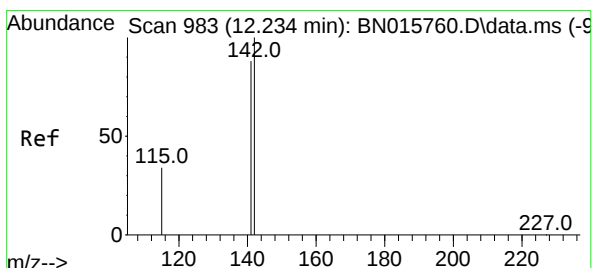
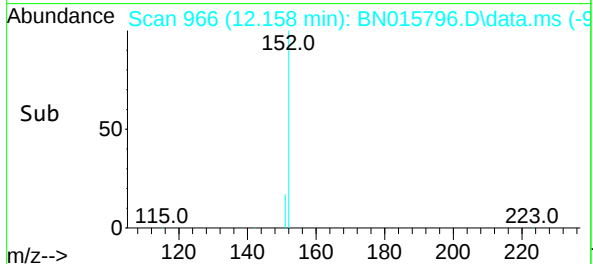
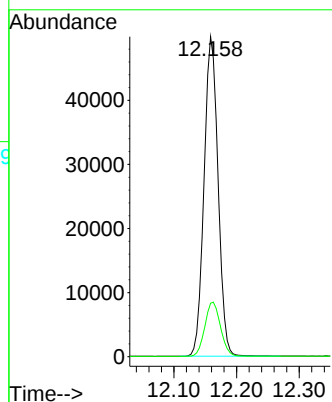
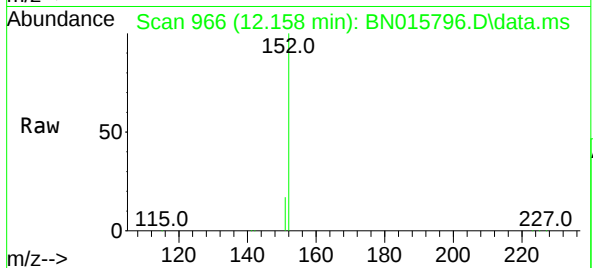




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.158 min Scan# 966
Delta R.T. -0.005 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

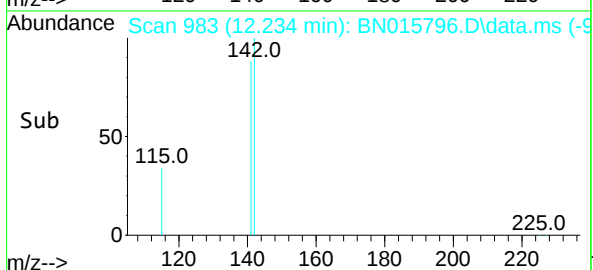
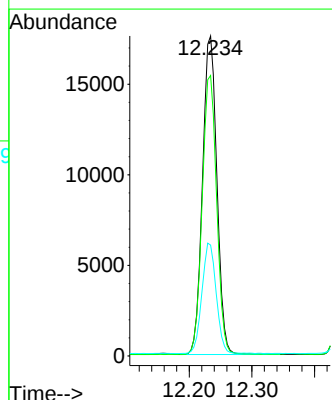
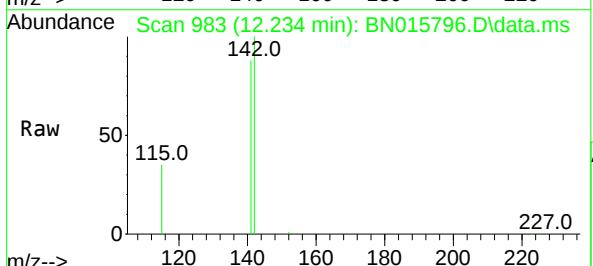
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

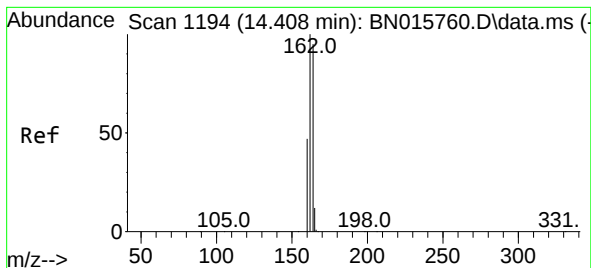
Tgt Ion:152 Resp: 77371
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.234 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:142 Resp: 27964
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7
115 34.6 27.4 41.0

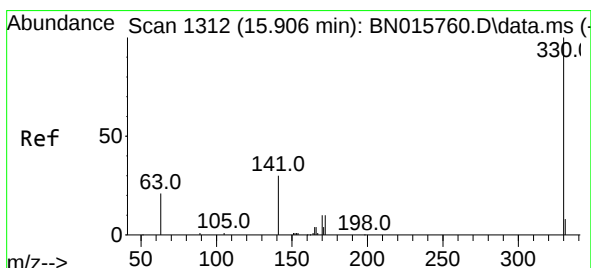
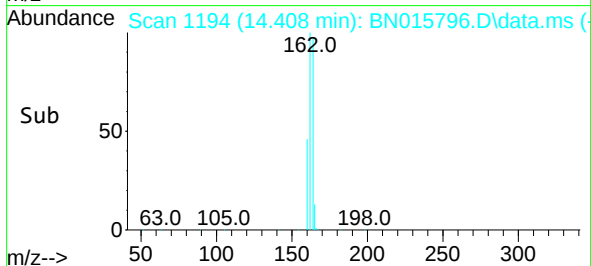
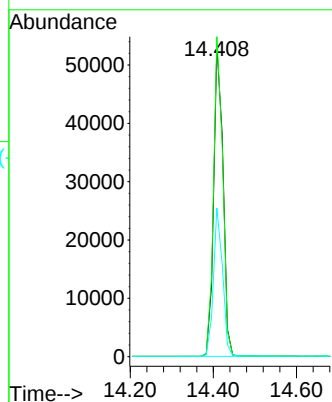
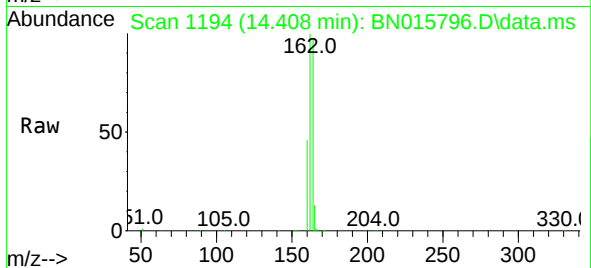




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

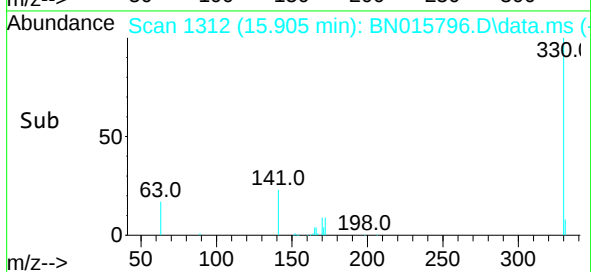
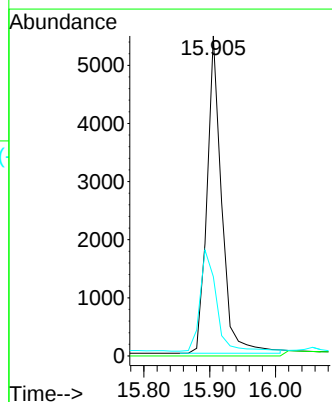
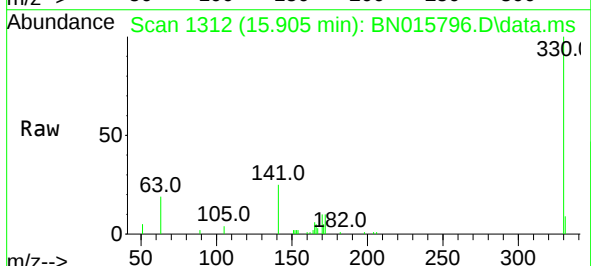
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

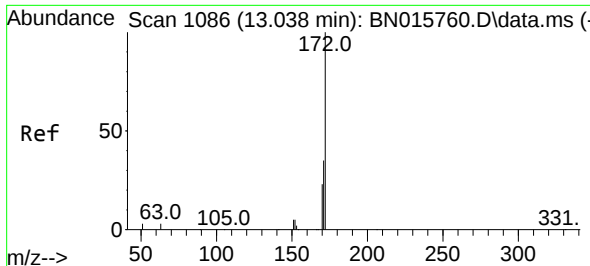
Tgt Ion:164 Resp: 83378
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.2
160 47.7 39.8 59.6



#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.905 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:330 Resp: 8487
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.6 28.2 42.2

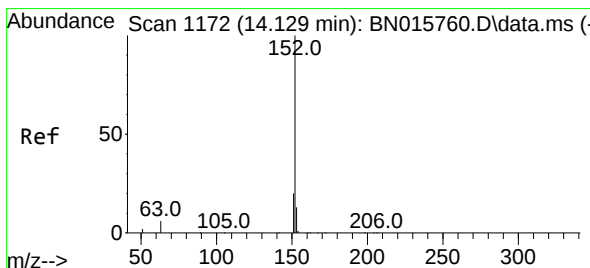
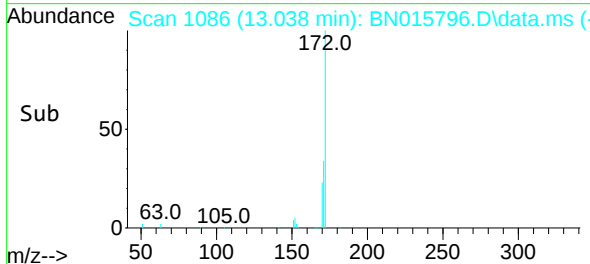
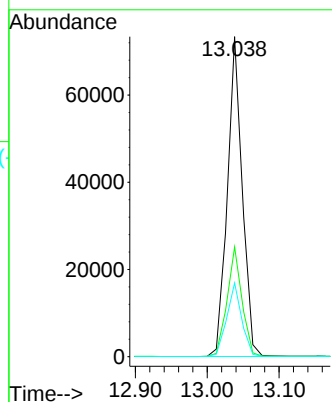
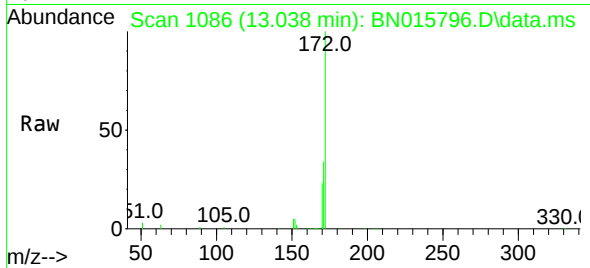




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

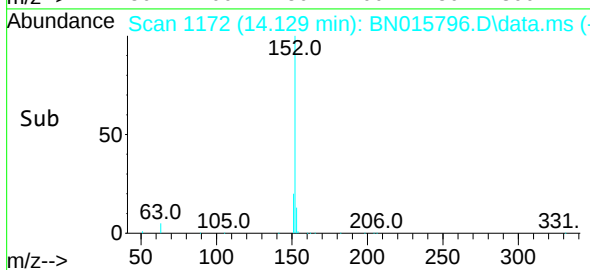
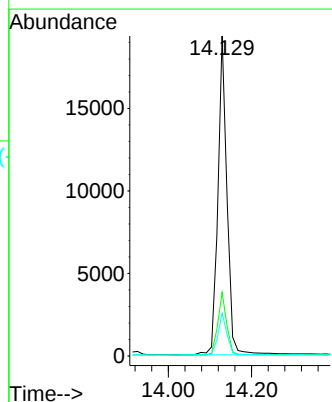
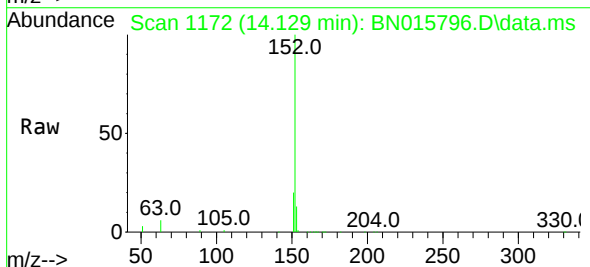
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

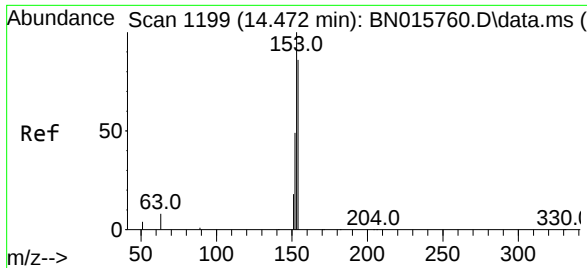
Tgt Ion:172 Resp: 105386
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:152 Resp: 29248
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7

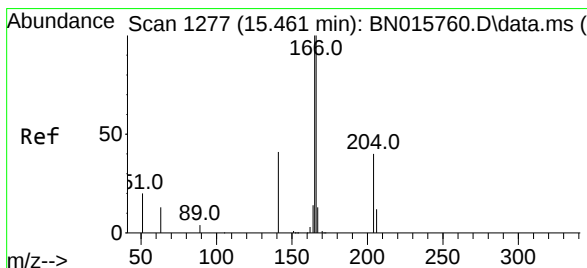
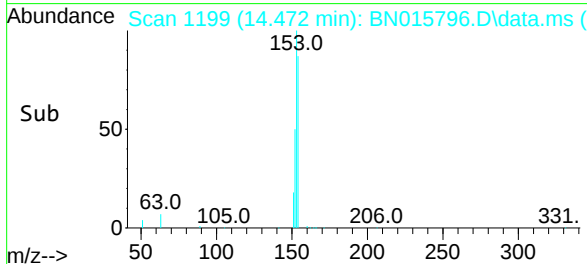
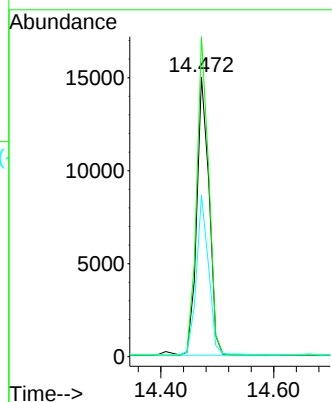
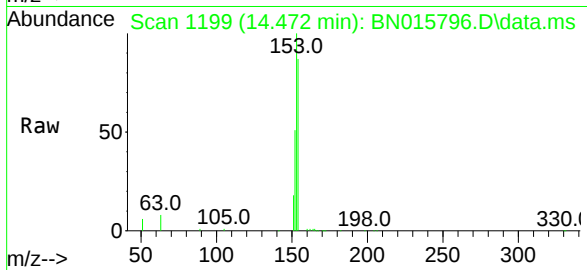




#17
Acenaphthene
Concen: 0.095 ng
RT: 14.472 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

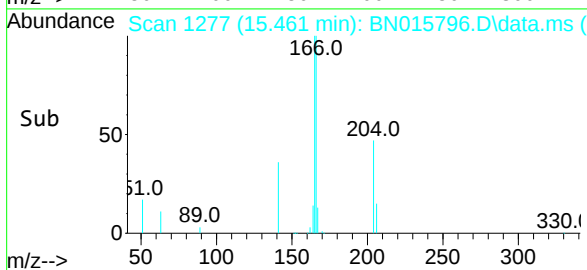
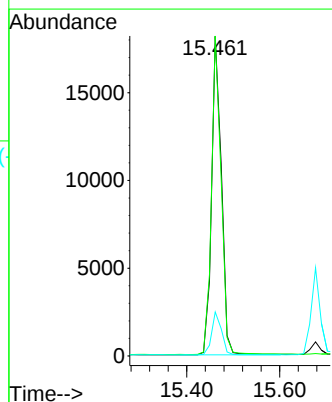
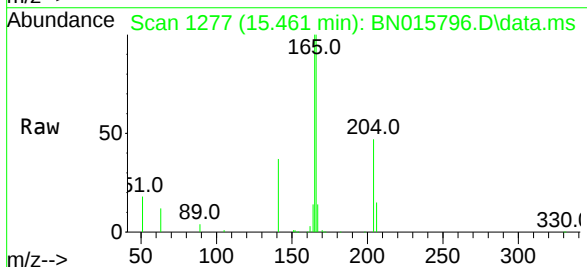
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

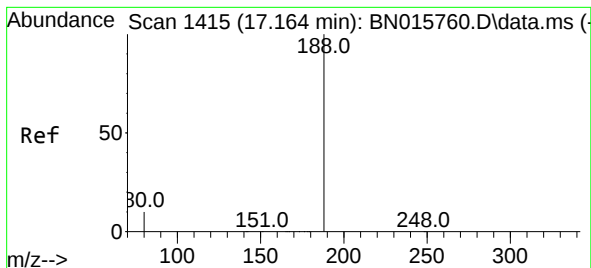
Tgt Ion:154 Resp: 22740
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 56.5 44.4 66.6



#18
Fluorene
Concen: 0.093 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:166 Resp: 26603
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 13.6 10.7 16.1

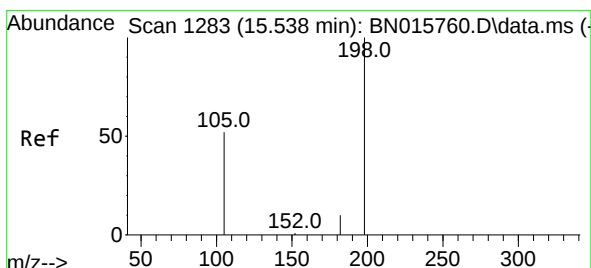
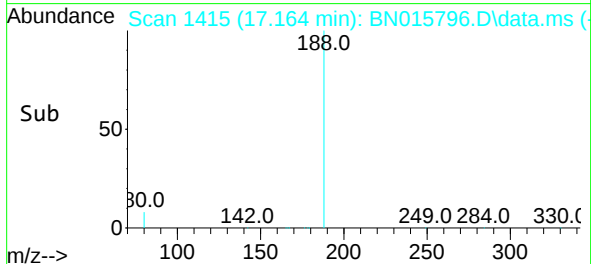
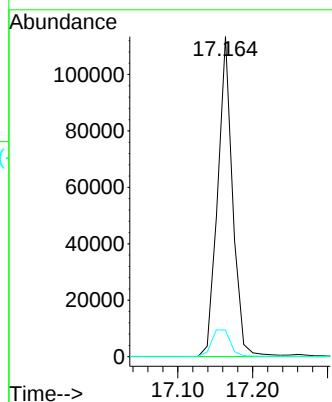
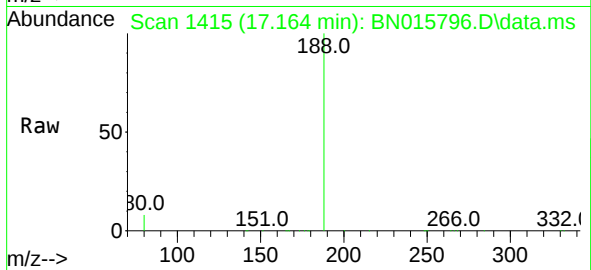




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

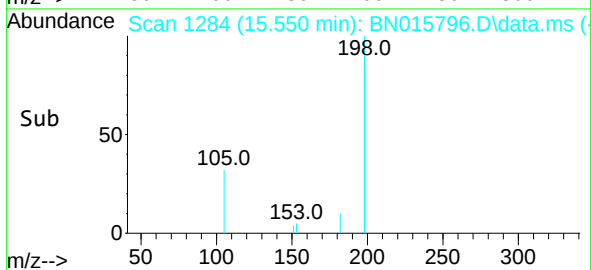
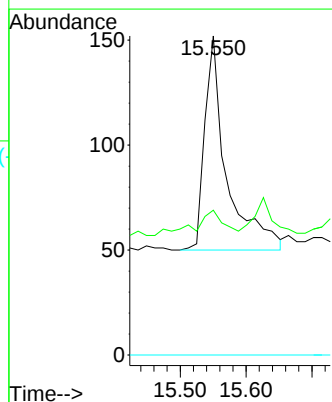
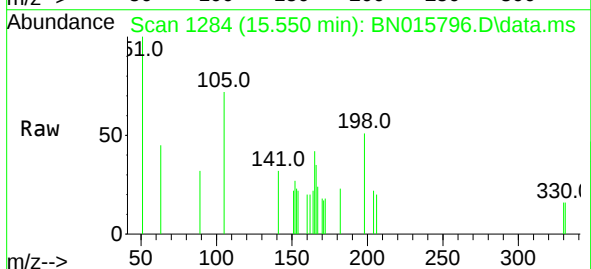
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

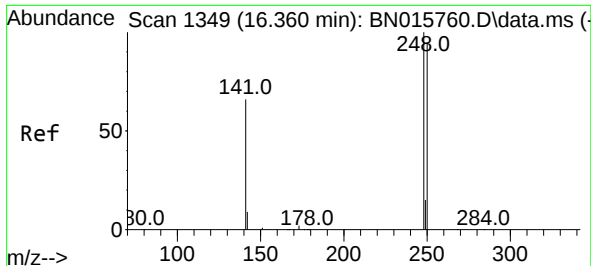
Tgt Ion:188 Resp: 156928
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.7 11.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.090 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:198 Resp: 235
Ion Ratio Lower Upper
198 100
182 45.4 11.1 16.7#
77 0.0 0.0 0.0

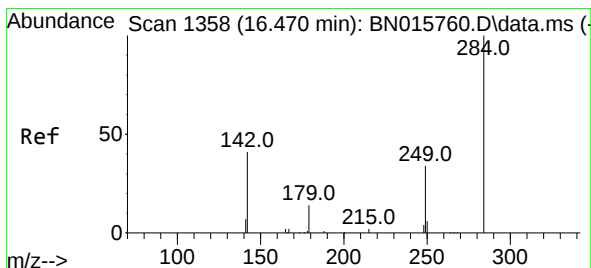
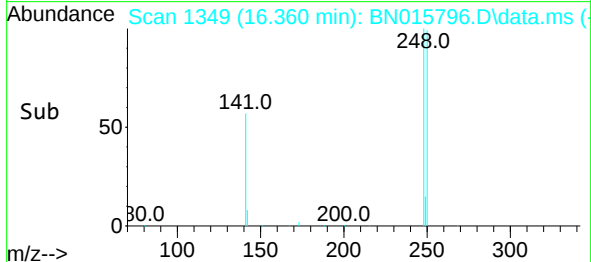
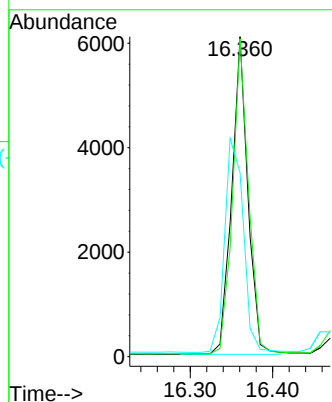
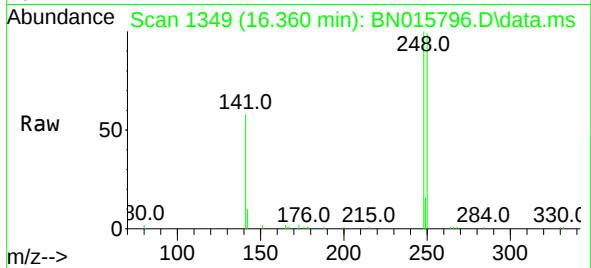




#21
4-Bromophenyl-phenylether
Concen: 0.090 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

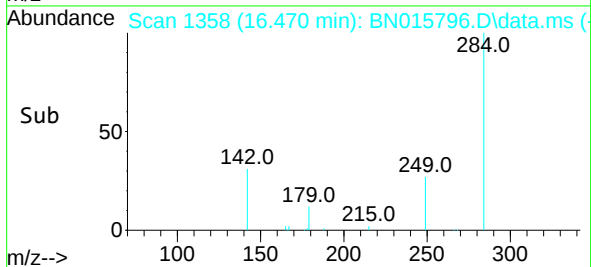
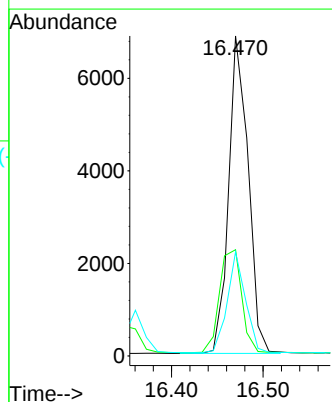
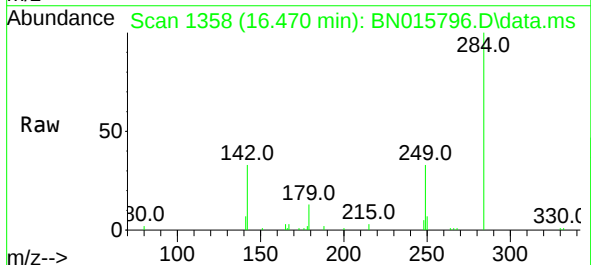
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

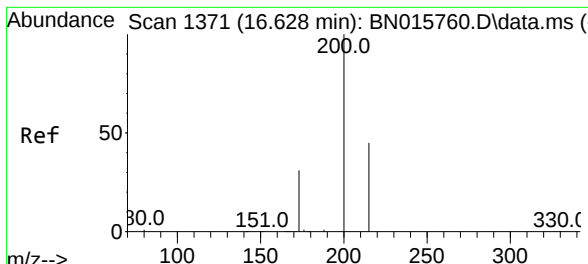
Tgt Ion:248 Resp: 8267
Ion Ratio Lower Upper
248 100
250 99.5 75.8 113.6
141 57.6 52.8 79.2



#22
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:284 Resp: 10138
Ion Ratio Lower Upper
284 100
142 37.0 29.4 44.2
249 29.6 23.8 35.6

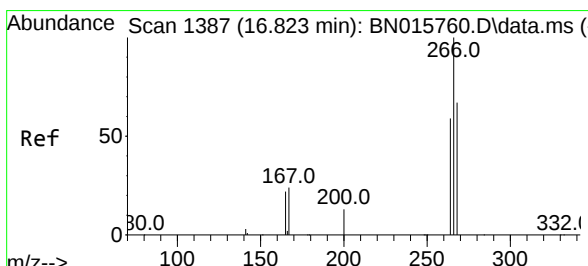
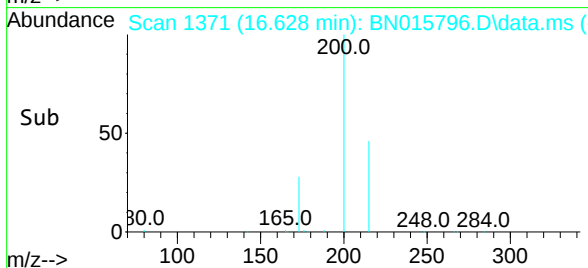
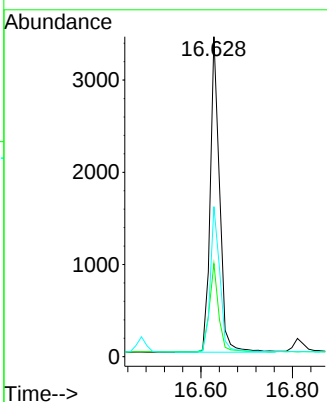
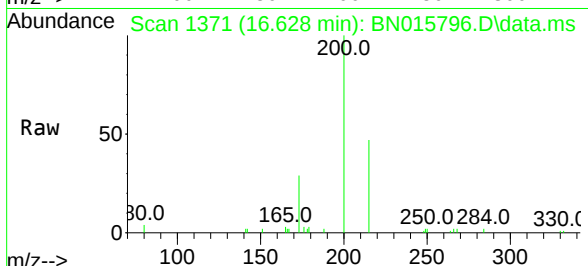




#23
 Atrazine
 Concen: 0.086 ng
 RT: 16.628 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

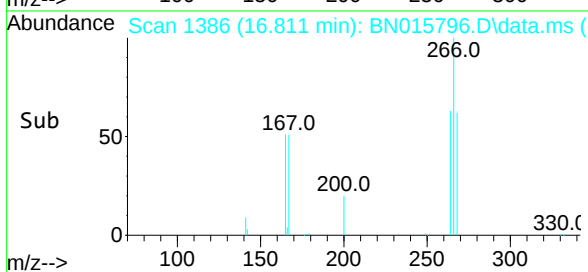
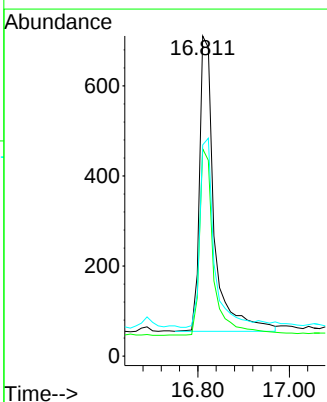
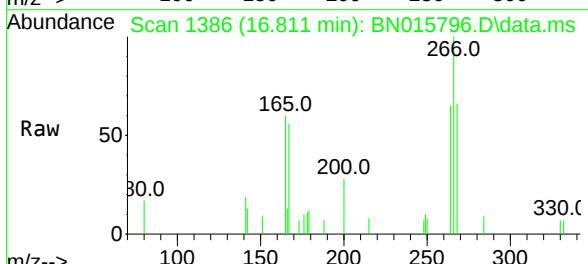
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

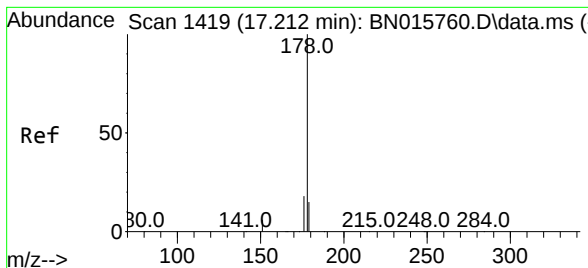
Tgt Ion:	200	Resp:	4855
Ion Ratio	Lower	Upper	
200	100		
173	29.1	25.0	37.6
215	46.9	36.3	54.5



#24
 Pentachlorophenol
 Concen: 0.045 ng
 RT: 16.811 min Scan# 1386
 Delta R.T. -0.012 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

Tgt Ion:	266	Resp:	1471
Ion Ratio	Lower	Upper	
266	100		
264	60.4	49.7	74.5
268	63.4	51.8	77.6

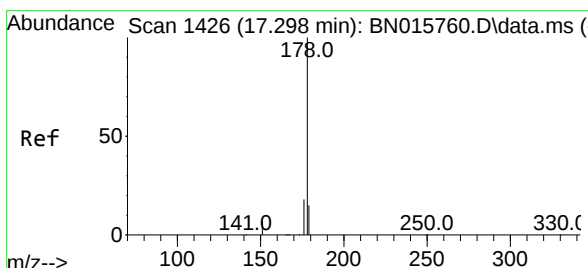
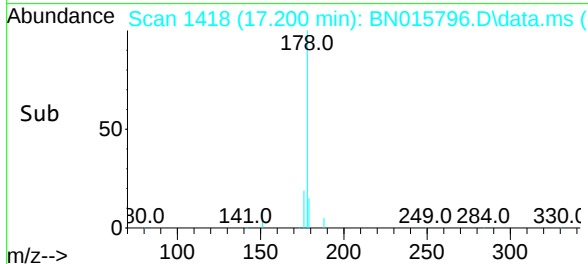
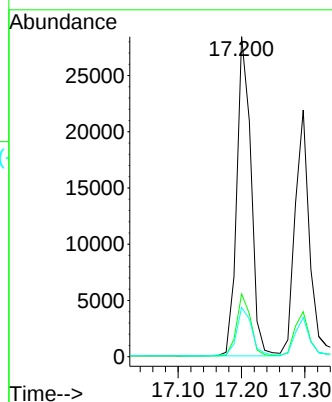
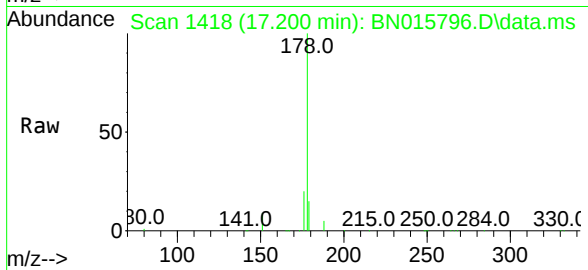




#25
Phenanthrene
Concen: 0.095 ng
RT: 17.200 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

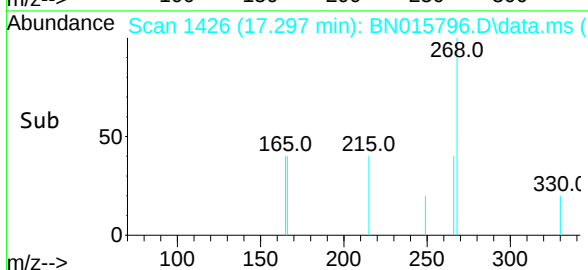
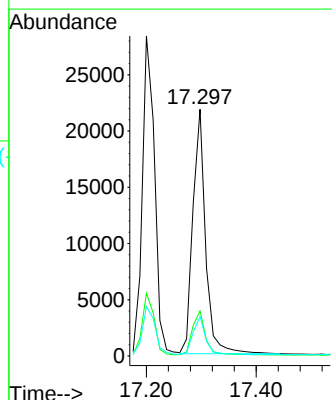
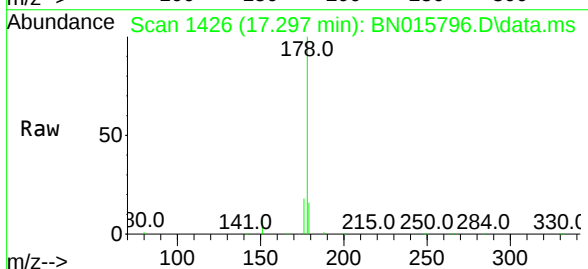
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

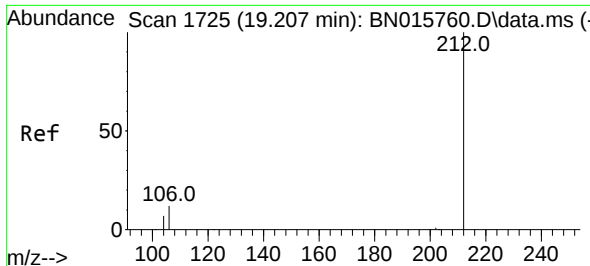
Tgt Ion:178 Resp: 44363
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.1 12.2 18.4



#26
Anthracene
Concen: 0.089 ng
RT: 17.297 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:178 Resp: 35002
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.5 12.2 18.4

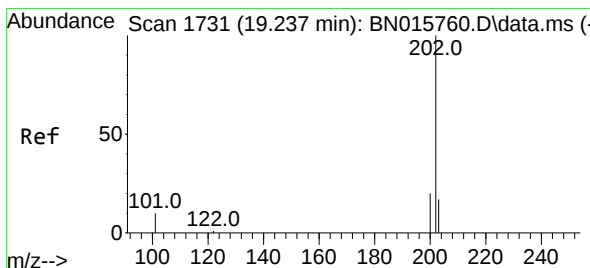
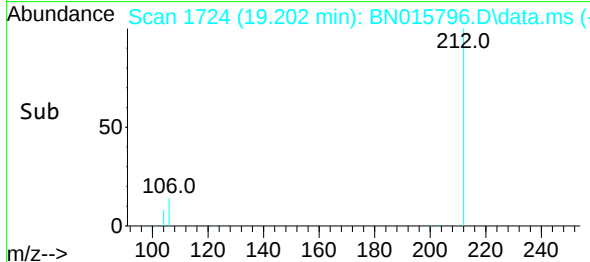
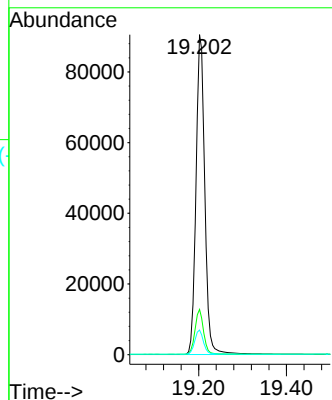
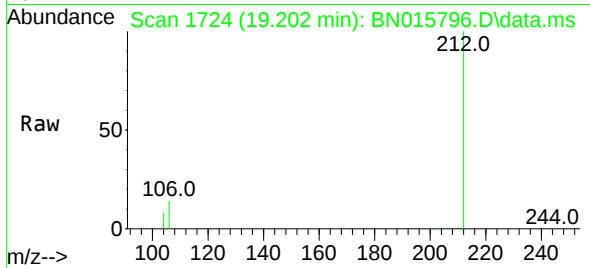




#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.202 min Scan# 1724
Delta R.T. -0.005 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

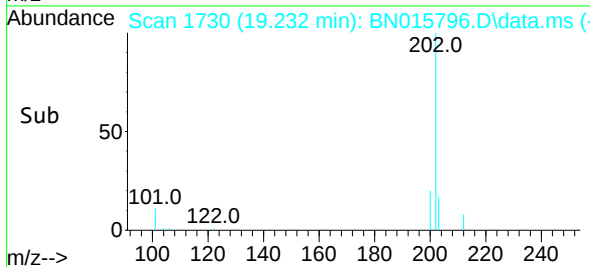
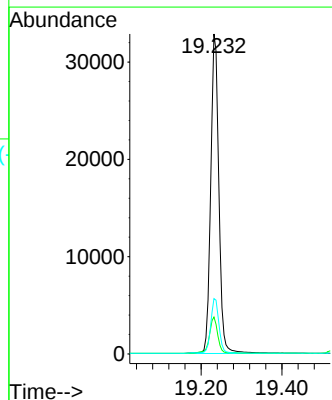
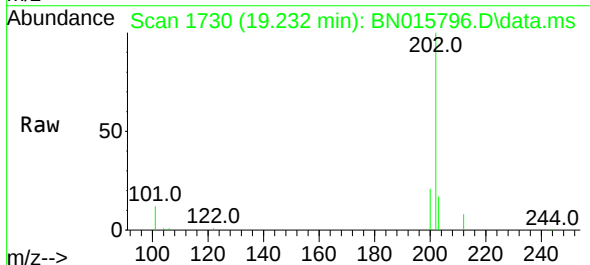
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

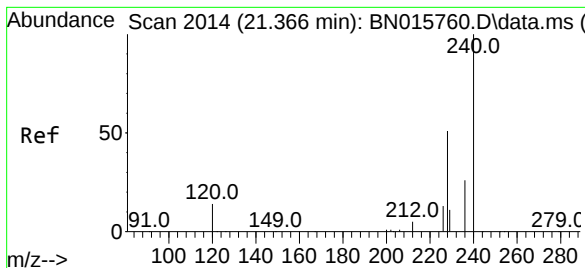
Tgt Ion:212 Resp: 126094
Ion Ratio Lower Upper
212 100
106 13.7 10.8 16.2
104 7.6 6.0 9.0



#28
Fluoranthene
Concen: 0.095 ng
RT: 19.232 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:202 Resp: 45996
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.6
203 17.2 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.376 min Scan# 2015

Delta R.T. 0.011 min

Lab File: BN015796.D

Acq: 04 Aug 2021 16:40

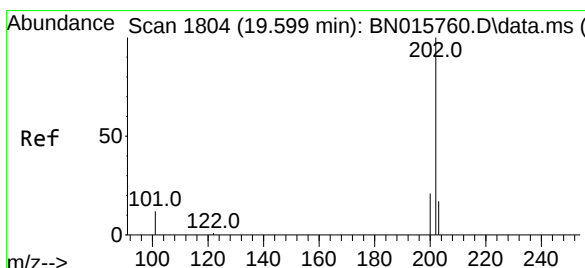
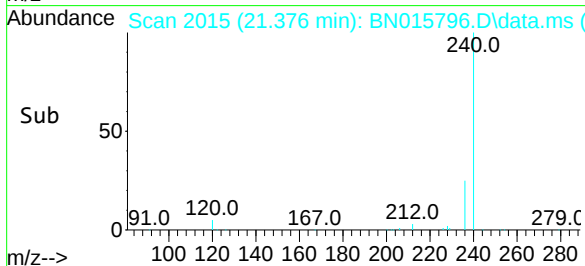
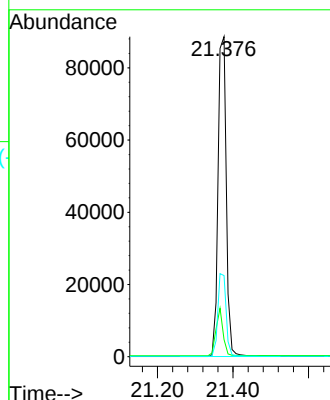
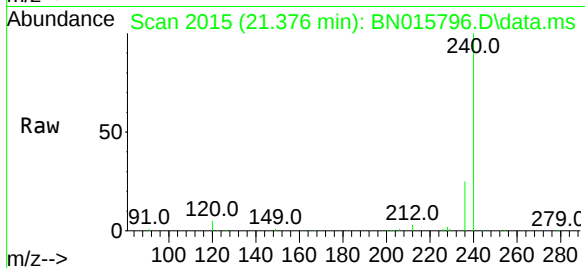
Tgt Ion:240 Resp: 134640

Ion Ratio Lower Upper

240 100

120 5.4 11.4 17.0#

236 25.3 21.2 31.8



#30

Pyrene

Concen: 0.099 ng

RT: 19.599 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BN015796.D

Acq: 04 Aug 2021 16:40

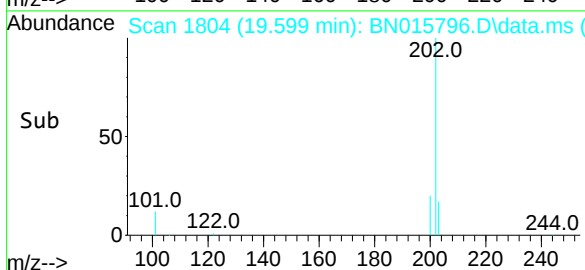
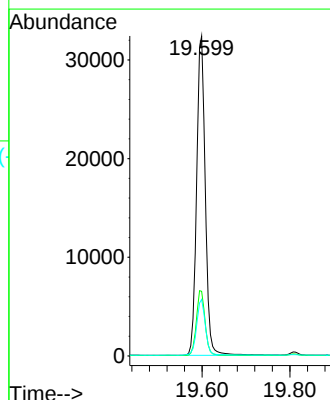
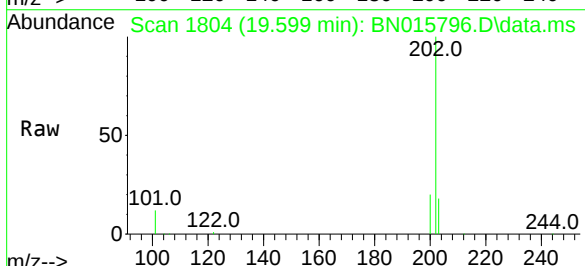
Tgt Ion:202 Resp: 44428

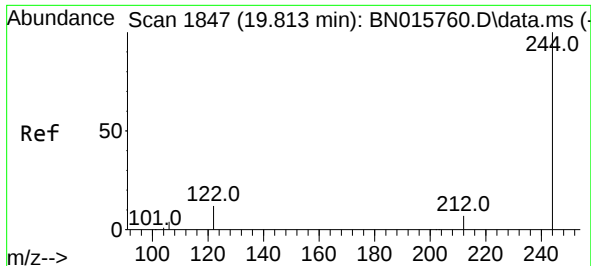
Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.6 13.9 20.9

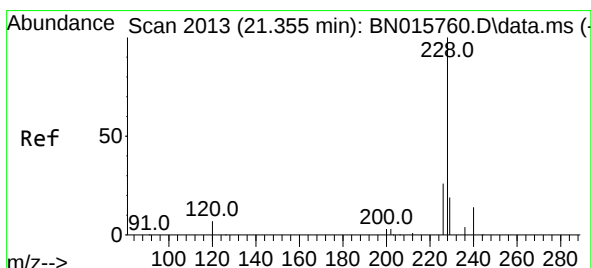
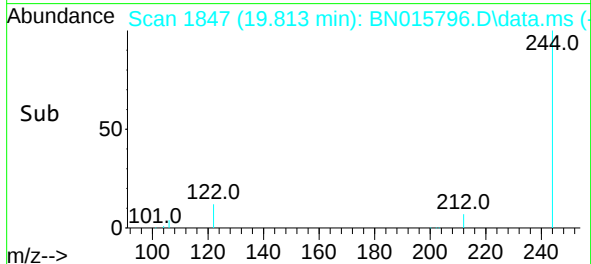
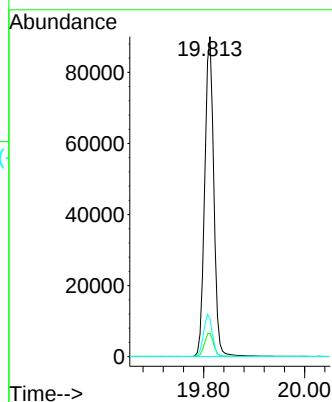
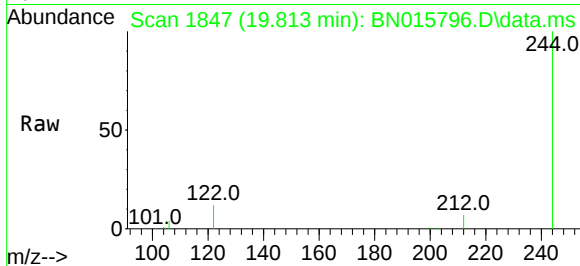




#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.813 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

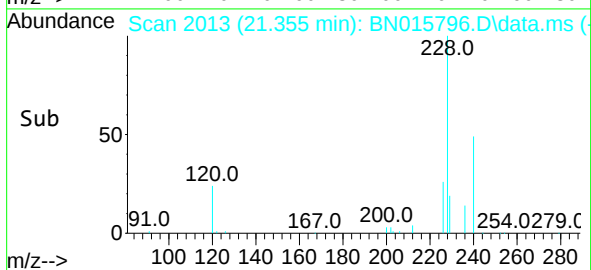
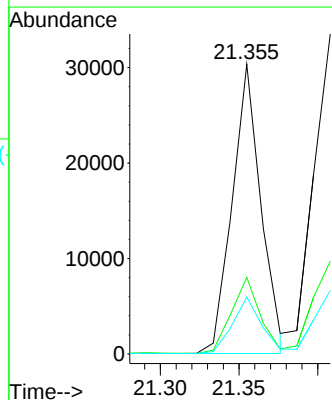
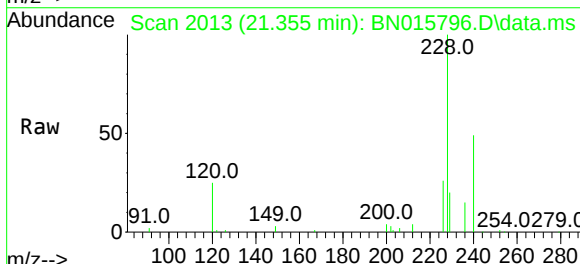
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

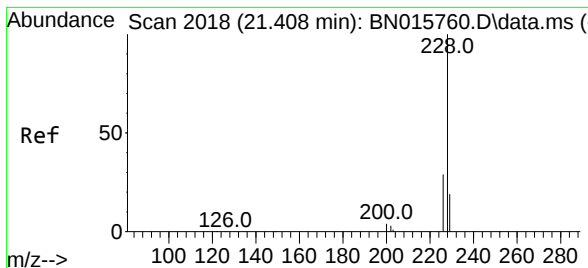
Tgt Ion:244 Resp: 111858
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.9 9.7 14.5



#32
Benzo(a)anthracene
Concen: 0.093 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:228 Resp: 38432
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 19.6 15.6 23.4





#33

Chrysene

Concen: 0.097 ng

RT: 21.408 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BN015796.D

Acq: 04 Aug 2021 16:40

Tgt Ion:228 Resp: 43143

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

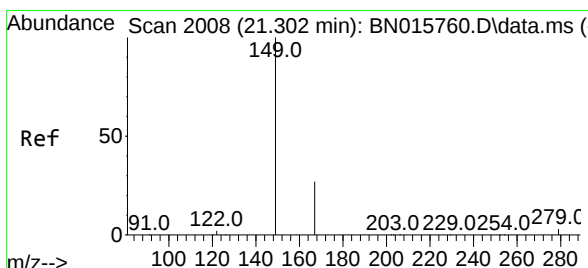
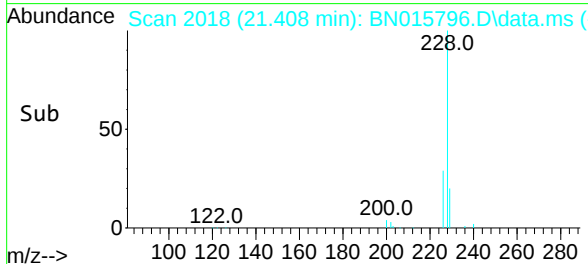
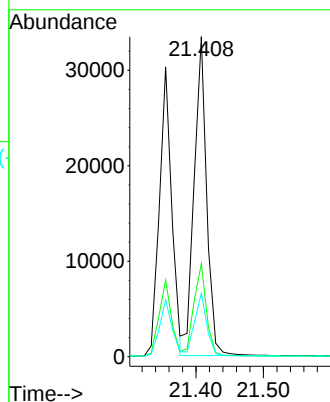
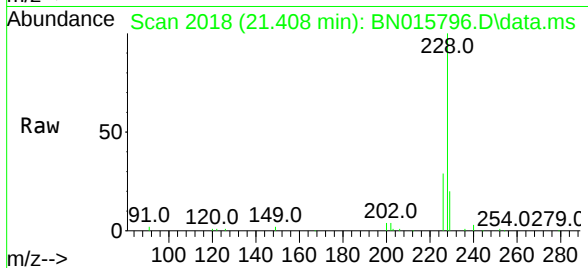
229 19.8 15.7 23.5

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2021



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.307 ng

RT: 21.302 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BN015796.D

Acq: 04 Aug 2021 16:40

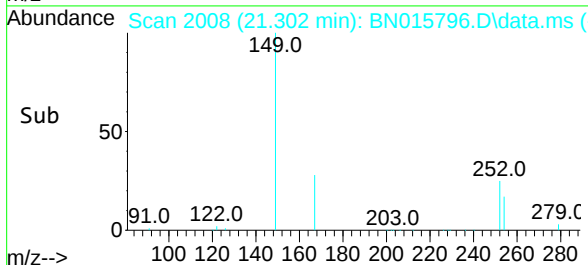
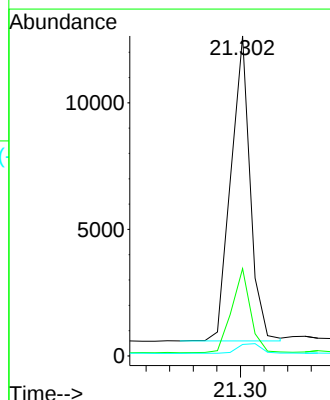
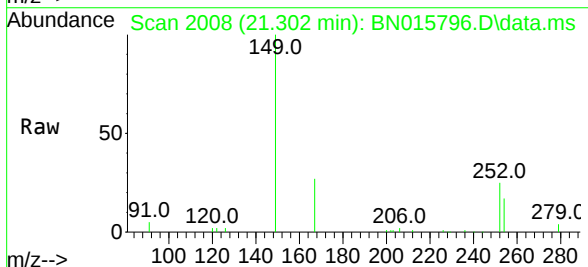
Tgt Ion:149 Resp: 13717

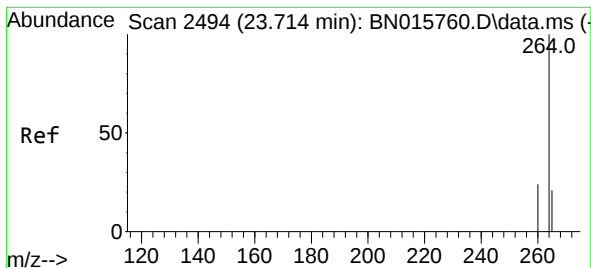
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.0 3.2 4.8

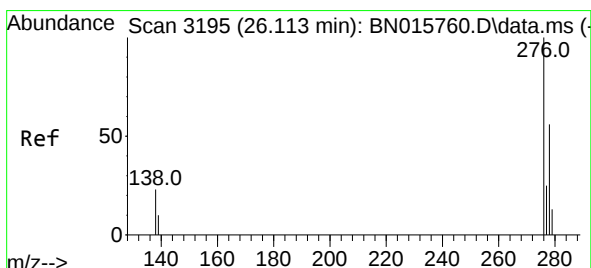
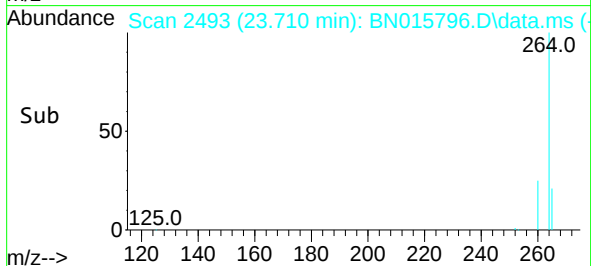
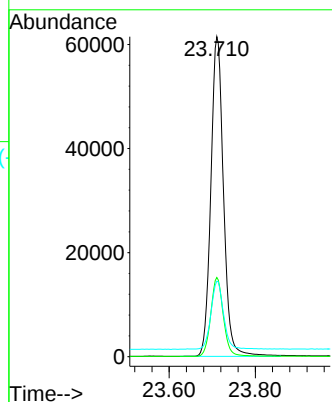
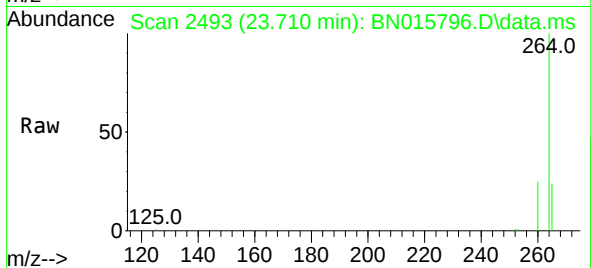




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.710 min Scan# 2493
 Delta R.T. -0.004 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

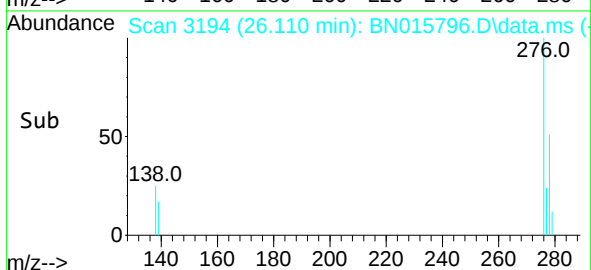
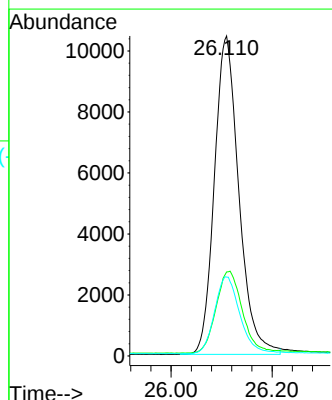
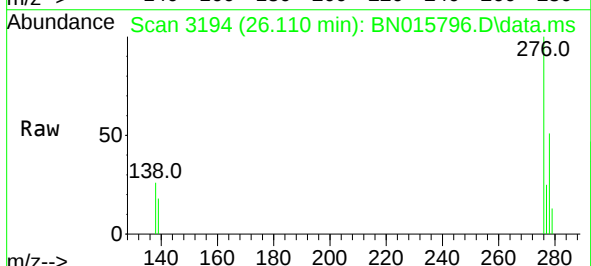
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

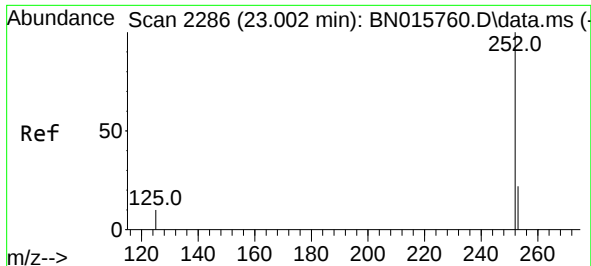
Tgt Ion:264 Resp: 125581
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 23.6 19.2 28.8



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.079 ng
 RT: 26.110 min Scan# 3194
 Delta R.T. -0.004 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

Tgt Ion:276 Resp: 35092
 Ion Ratio Lower Upper
 276 100
 138 27.7 19.6 29.4
 277 25.0 20.0 30.0

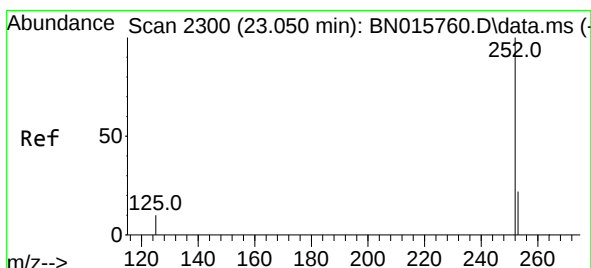
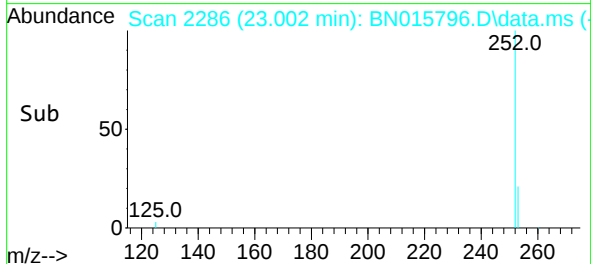
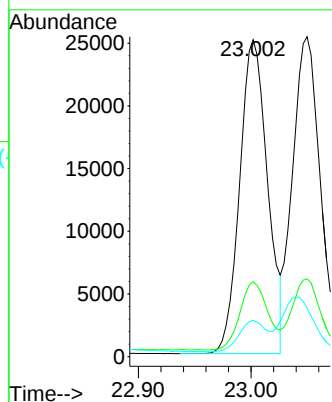
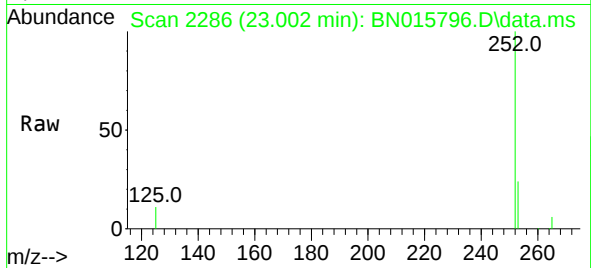




#37
Benzo(b)fluoranthene
Concen: 0.099 ng
RT: 23.002 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

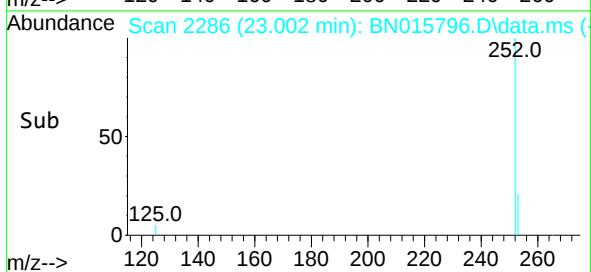
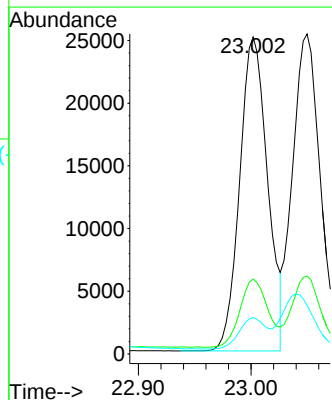
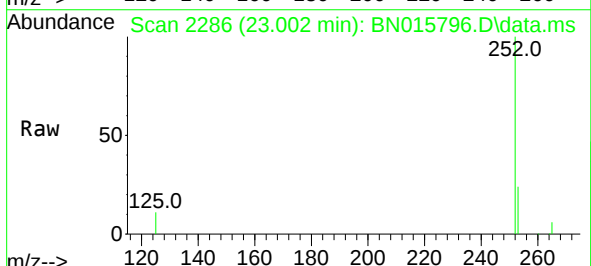
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

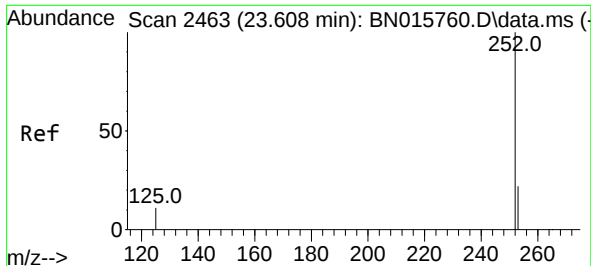
Tgt Ion:252 Resp: 43088
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 11.4 8.2 12.4



#38
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 23.002 min Scan# 2286
Delta R.T. -0.048 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:252 Resp: 43088
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 11.4 8.3 12.5

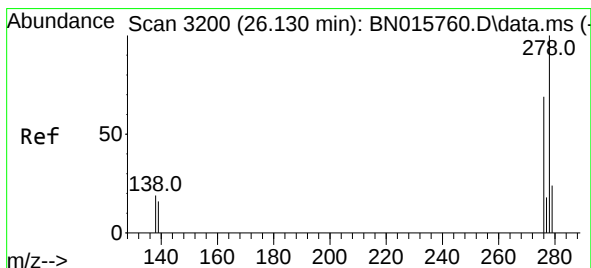
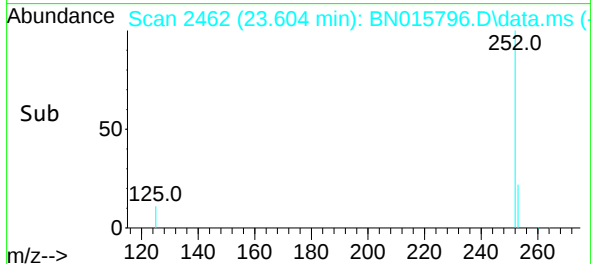
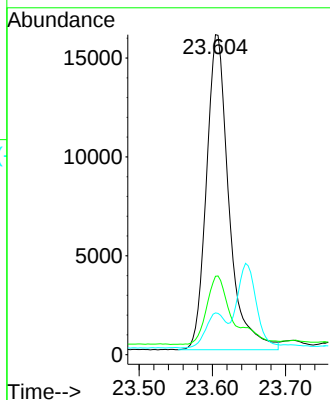
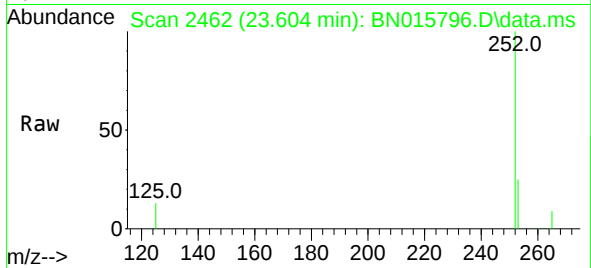




#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.604 min Scan# 2462
Delta R.T. -0.004 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

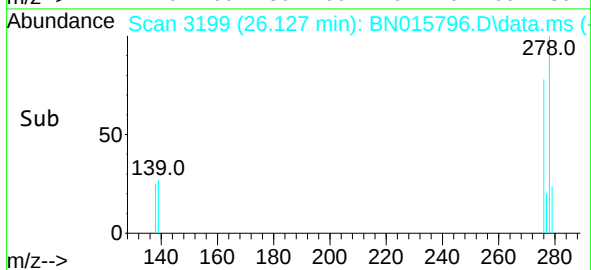
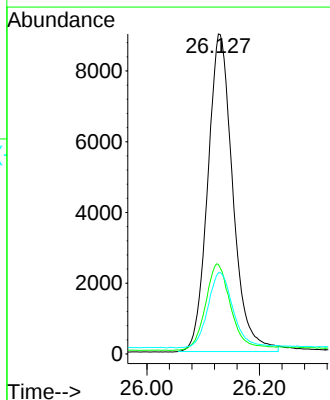
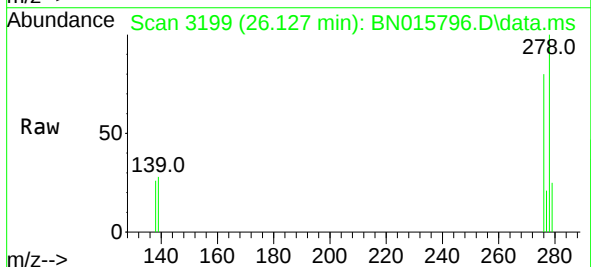
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

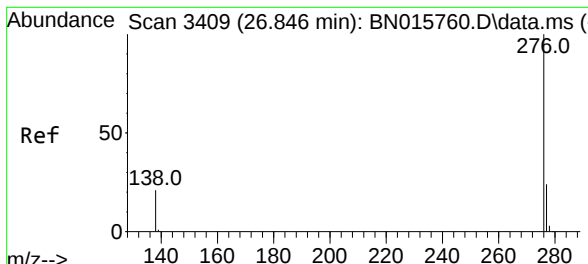
Tgt Ion:	252	Resp:	34027
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	13.1	9.0	13.6



#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 26.127 min Scan# 3199
Delta R.T. -0.004 min
Lab File: BN015796.D
Acq: 04 Aug 2021 16:40

Tgt Ion:	278	Resp:	27695
Ion Ratio	Lower	Upper	
278	100		
139	28.0	13.1	19.7#
279	25.3	19.1	28.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.083 ng
 RT: 26.842 min Scan# 3408
 Delta R.T. -0.004 min
 Lab File: BN015796.D
 Acq: 04 Aug 2021 16:40

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Tgt Ion:	276	Resp:	32131
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	22.0	16.6	24.8

