

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
 Data File : BN015772.D
 Acq On : 03 Aug 2021 17:16
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-0.2ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Quant Time: Aug 03 17:55:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 17:53:24 2021
 Response via : Initial Calibration

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

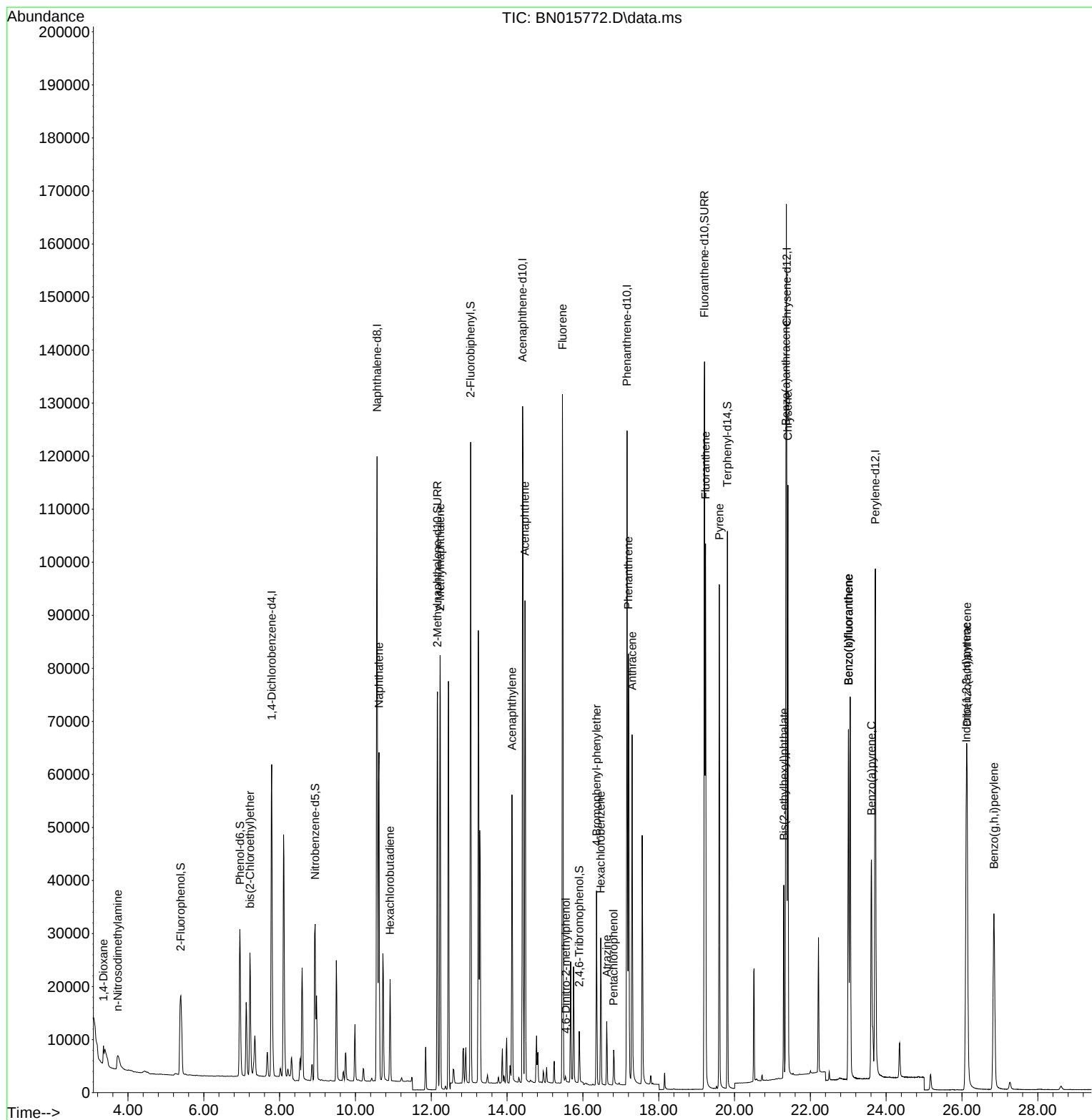
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	36963	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	163863	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	83165	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	155115	0.400	ng	0.00
29) Chrysene-d12	21.376	240	135795	0.400	ng	# 0.01
35) Perylene-d12	23.714	264	131423	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	28904	0.320	ng	0.00
5) Phenol-d6	6.951	99	33743	0.309	ng	0.00
8) Nitrobenzene-d5	8.936	82	27649	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	12.163	152	101511	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	7624	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	99362	0.300	ng	0.00
27) Fluoranthene-d10	19.207	212	161156	0.399	ng	0.00
31) Terphenyl-d14	19.812	244	102165	0.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	2037	0.170	ng	98
3) n-Nitrosodimethylamine	3.733	42	4249	0.173	ng	100
6) bis(2-Chloroethyl)ether	7.218	93	21620	0.218	ng	99
9) Naphthalene	10.622	128	88416	0.206	ng	100
10) Hexachlorobutadiene	10.914	225	15013	0.200	ng	# 99
12) 2-Methylnaphthalene	12.234	142	57450	0.208	ng	99
16) Acenaphthylene	14.129	152	60144	0.175	ng	100
17) Acenaphthene	14.472	154	46558	0.195	ng	99
18) Fluorene	15.461	166	55342	0.193	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	827	0.088	ng	# 82
21) 4-Bromophenyl-phenylether	16.360	248	16952	0.186	ng	99
22) Hexachlorobenzene	16.470	284	20714	0.198	ng	100
23) Atrazine	16.628	200	9414	0.168	ng	98
24) Pentachlorophenol	16.811	266	3569	0.110	ng	98
25) Phenanthrene	17.200	178	90095	0.195	ng	99
26) Anthracene	17.297	178	70696	0.182	ng	100
28) Fluoranthene	19.237	202	92482	0.193	ng	100
30) Pyrene	19.599	202	88157	0.194	ng	100
32) Benzo(a)anthracene	21.355	228	76147	0.183	ng	100
33) Chrysene	21.408	228	87426	0.195	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	22333	0.134	ng	100
36) Indeno(1,2,3-cd)pyrene	26.113	276	84339	0.181	ng	98
37) Benzo(b)fluoranthene	23.005	252	83650	0.183	ng	99
38) Benzo(k)fluoranthene	23.005	252	83650	0.177	ng	99
39) Benzo(a)pyrene	23.611	252	67709	0.178	ng	99
40) Dibenzo(a,h)anthracene	26.134	278	69998	0.180	ng	# 95
41) Benzo(g,h,i)perylene	26.842	276	74187	0.182	ng	99

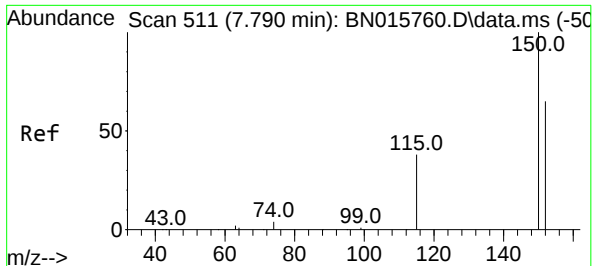
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
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QLast Update : Tue Aug 03 17:53:24 2021
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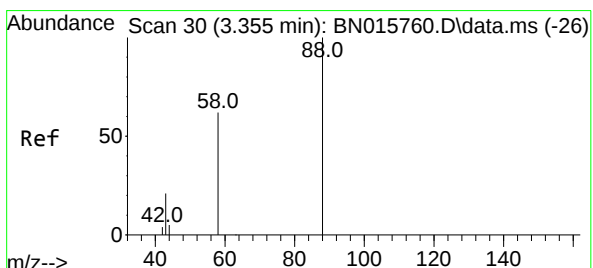
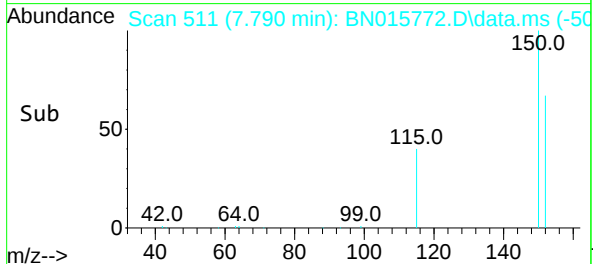
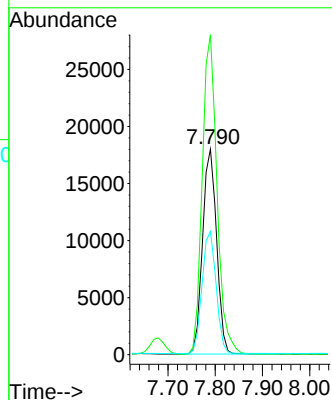
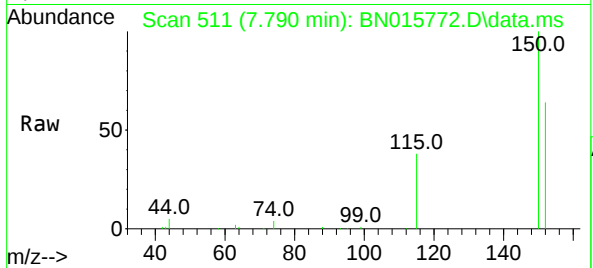




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

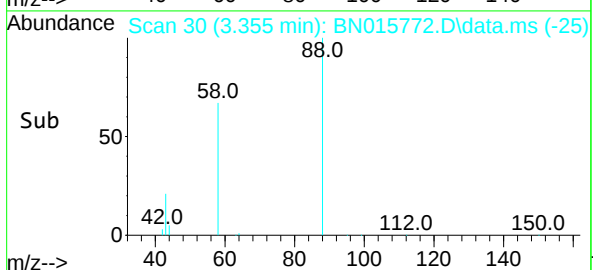
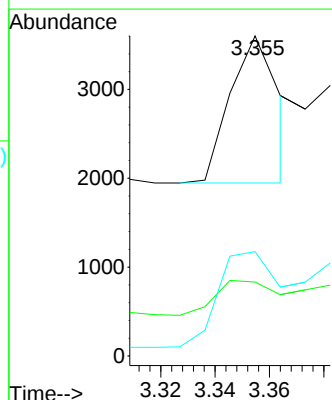
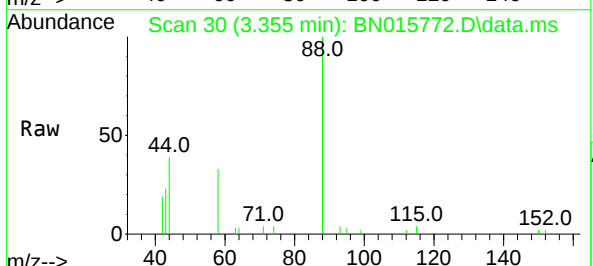
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

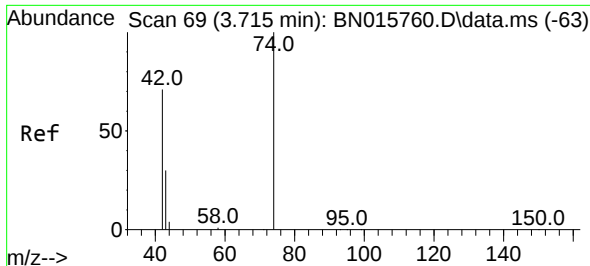
Tgt Ion:152 Resp: 36963
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.5 185.3
 115 59.9 46.8 70.2



#2
 1,4-Dioxane
 Concen: 0.170 ng
 RT: 3.355 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

Tgt Ion: 88 Resp: 2037
 Ion Ratio Lower Upper
 88 100
 43 29.7 23.1 34.7
 58 80.2 62.2 93.4

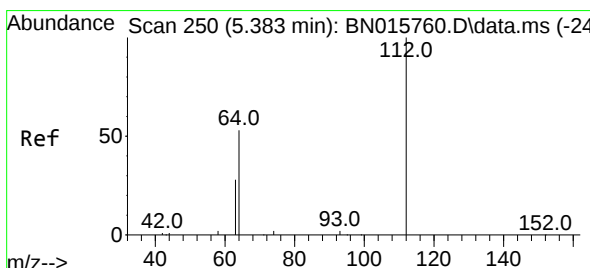
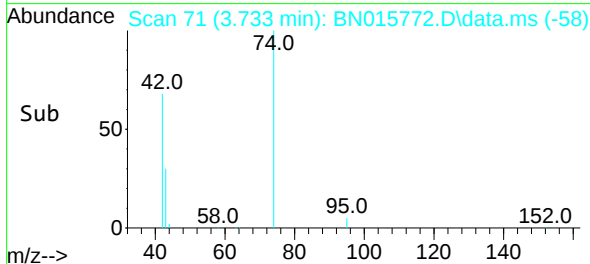
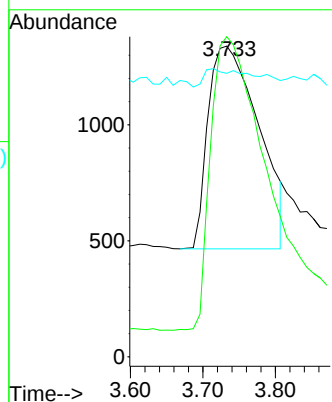
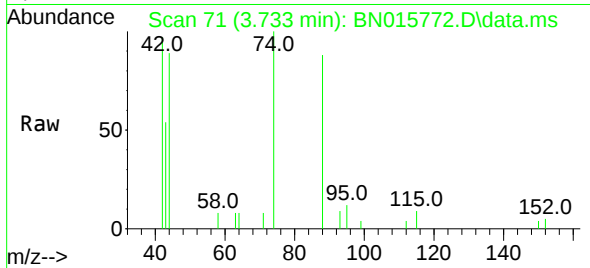




#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.733 min Scan# 71
Delta R.T. 0.018 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

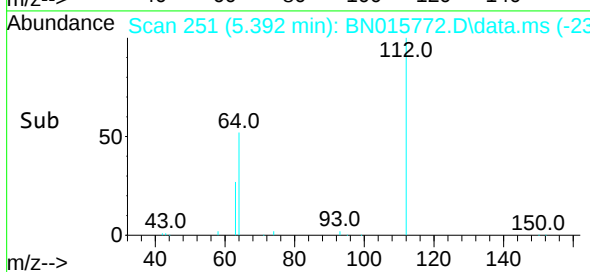
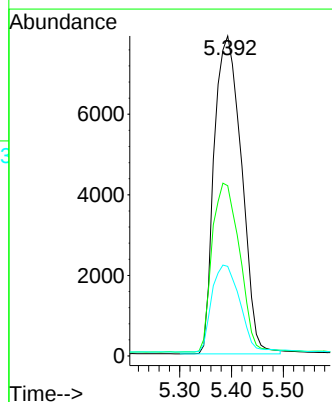
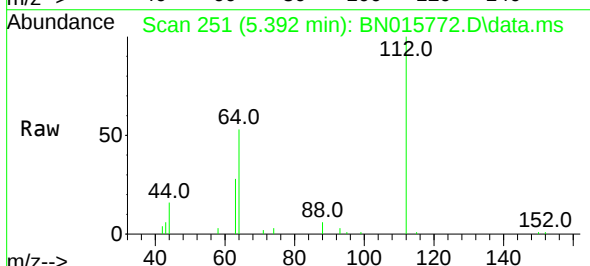
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

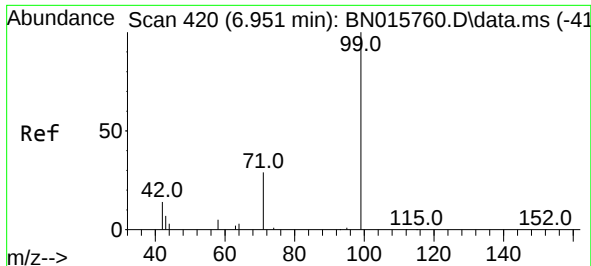
Tgt Ion: 42 Resp: 4249
Ion Ratio Lower Upper
42 100
74 143.0 114.4 171.6
44 3.8 3.6 5.4



#4
2-Fluorophenol
Concen: 0.320 ng
RT: 5.392 min Scan# 251
Delta R.T. 0.009 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion: 112 Resp: 28904
Ion Ratio Lower Upper
112 100
64 53.4 42.2 63.4
63 28.0 22.2 33.2

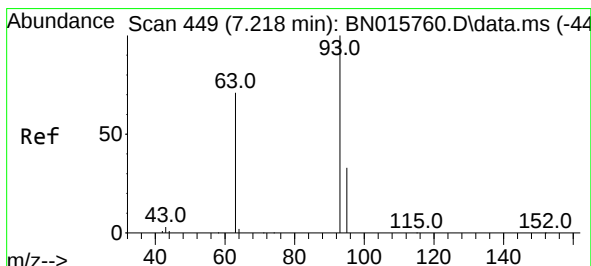
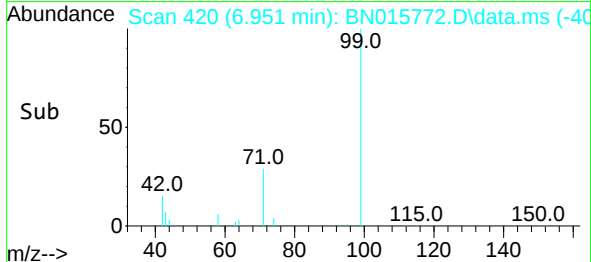
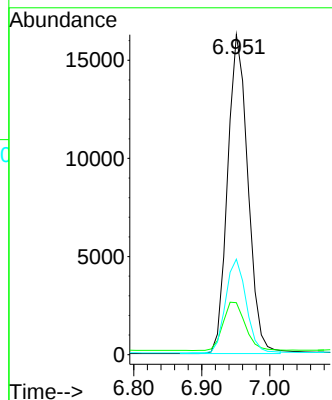
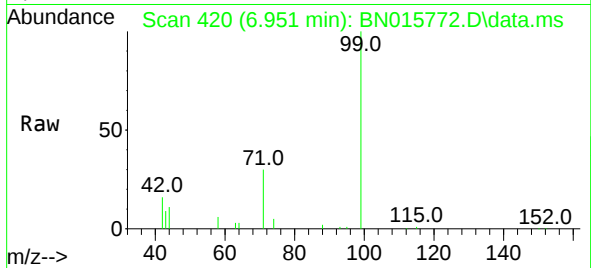




#5
Phenol-d6
Concen: 0.309 ng
RT: 6.951 min Scan# 420
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

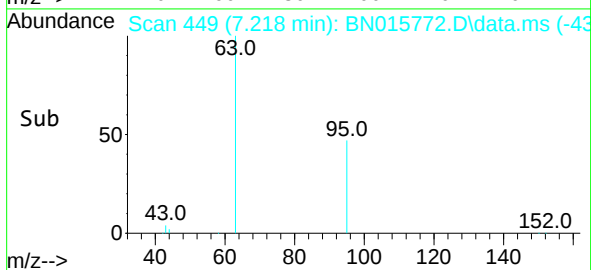
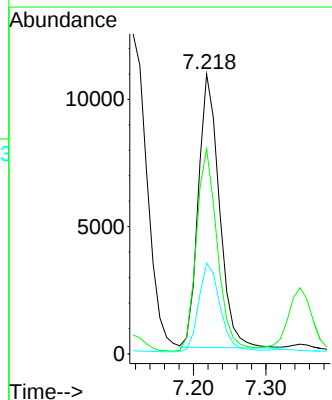
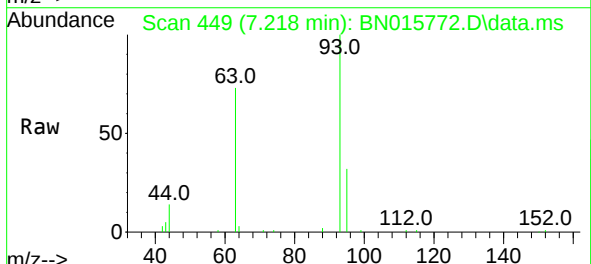
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

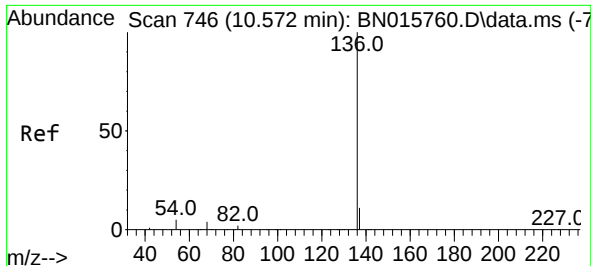
Tgt Ion:	99	Resp:	33743
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.2	19.8
71	29.8	23.8	35.8



#6
bis(2-Chloroethyl)ether
Concen: 0.218 ng
RT: 7.218 min Scan# 449
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	93	Resp:	21620
Ion	Ratio	Lower	Upper
93	100		
63	74.4	58.8	88.2
95	33.2	26.6	39.8

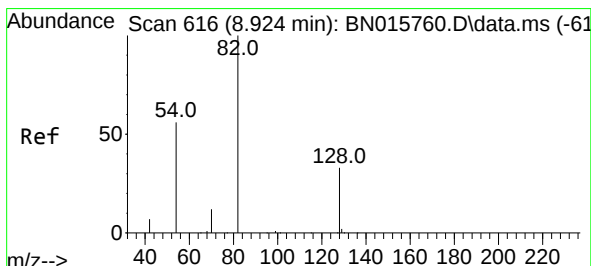
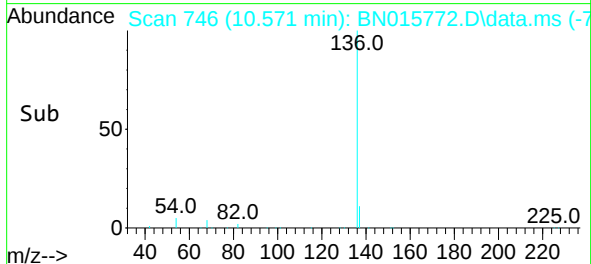
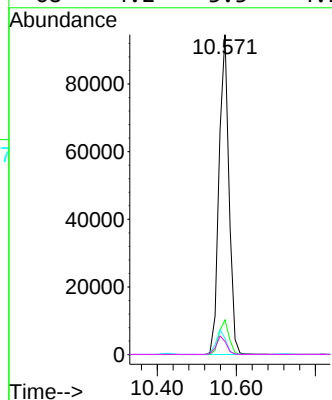
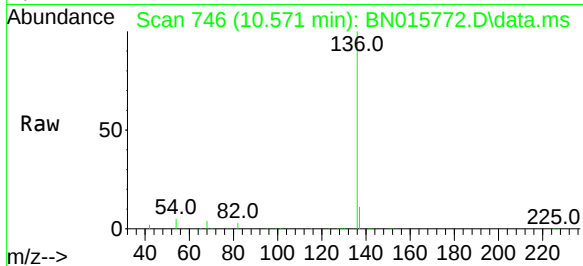




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

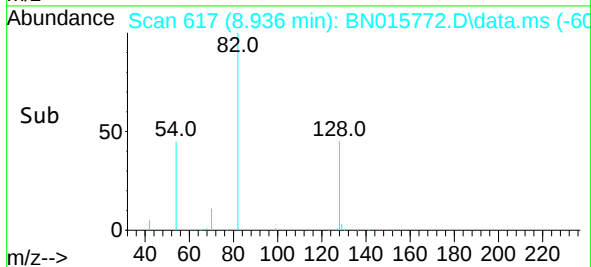
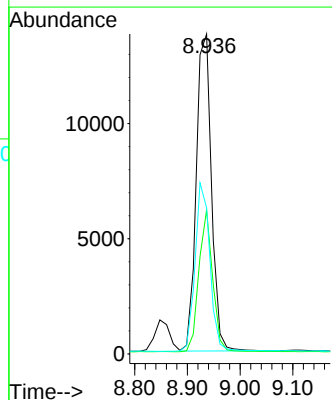
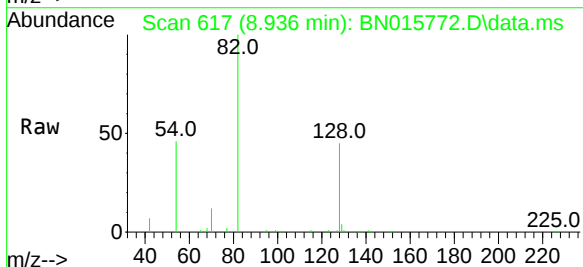
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

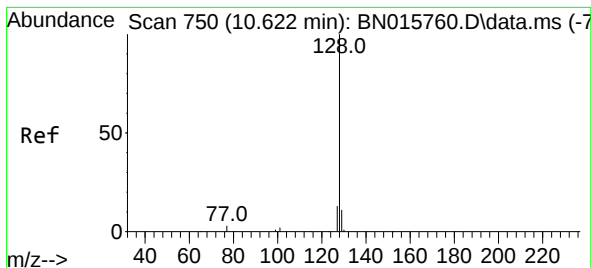
Tgt Ion:	136	Resp:	163863
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.0	3.9	5.9
68	4.2	3.3	4.9



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.936 min Scan# 617
Delta R.T. 0.012 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	82	Resp:	27649
Ion	Ratio	Lower	Upper
82	100		
128	45.0	26.2	39.4
54	45.7	45.1	67.7

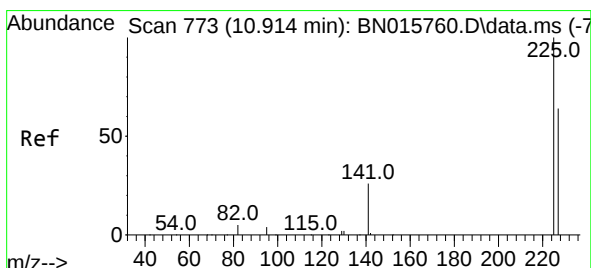
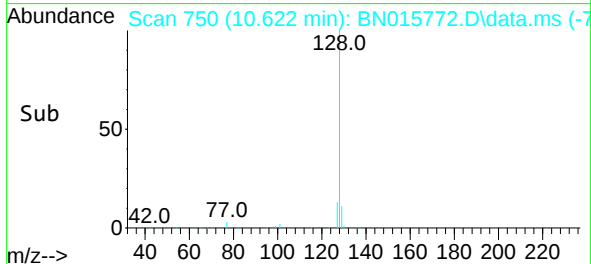
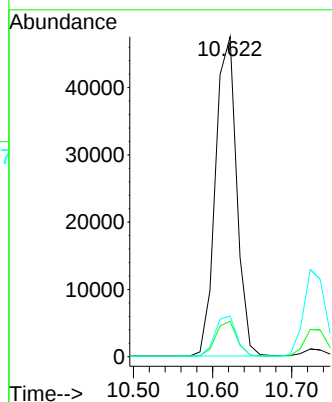
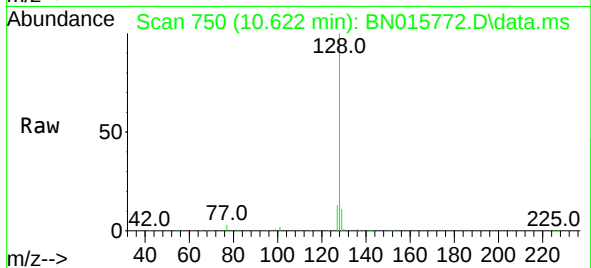




#9
Naphthalene
Concen: 0.206 ng
RT: 10.622 min Scan# 750
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

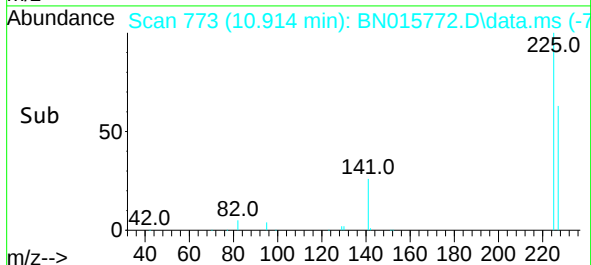
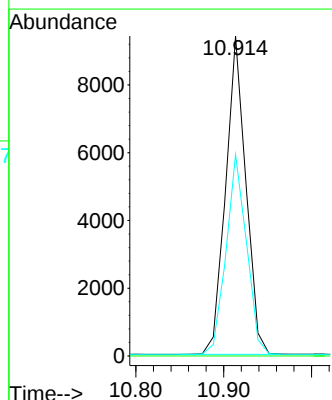
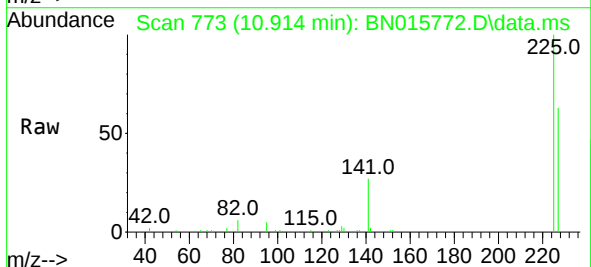
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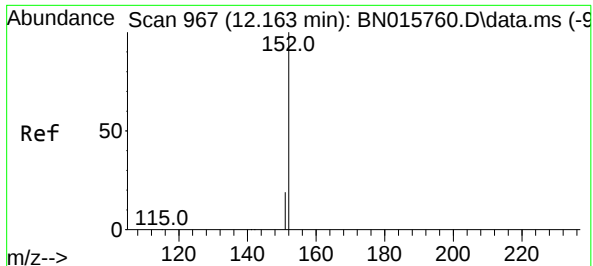
Tgt Ion:128 Resp: 88416
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.2 15.2



#10
Hexachlorobutadiene
Concen: 0.200 ng
RT: 10.914 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:225 Resp: 15013
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.5 77.3

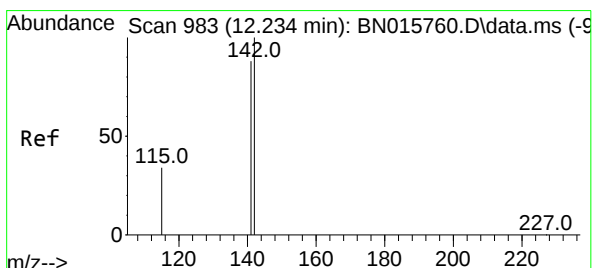
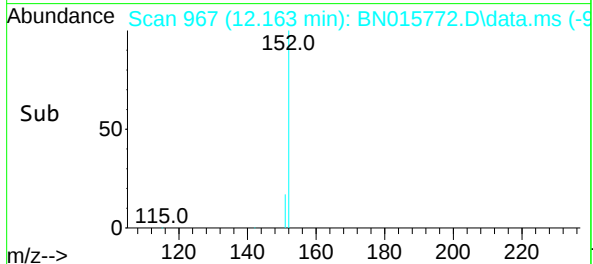
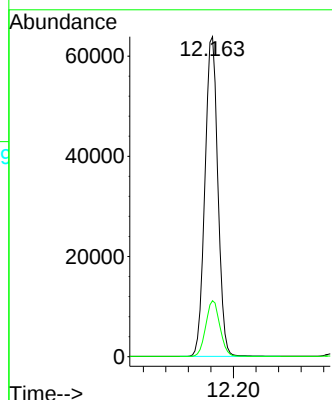
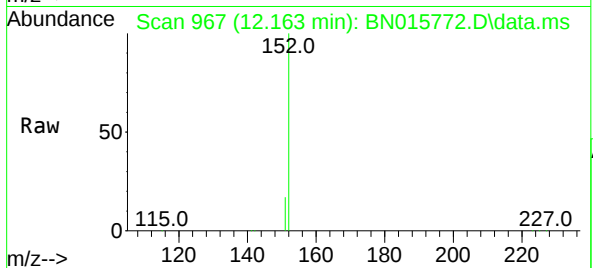




#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.163 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

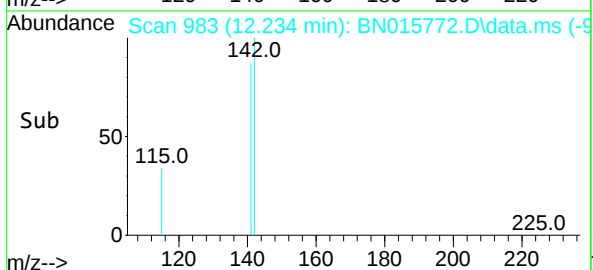
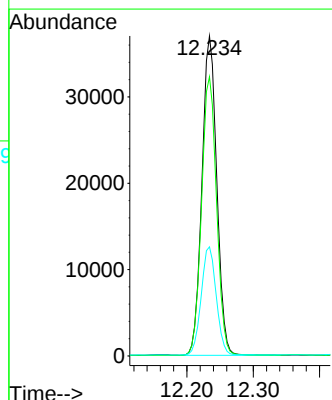
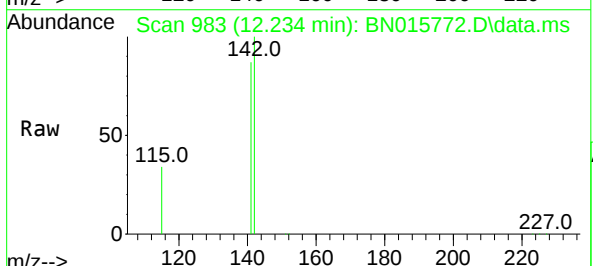
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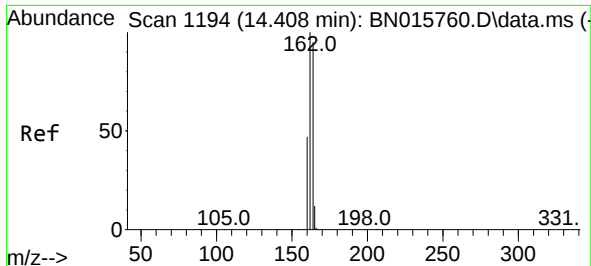
Tgt Ion:152 Resp: 101511
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.208 ng
RT: 12.234 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:142 Resp: 57450
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7
115 34.1 27.4 41.0

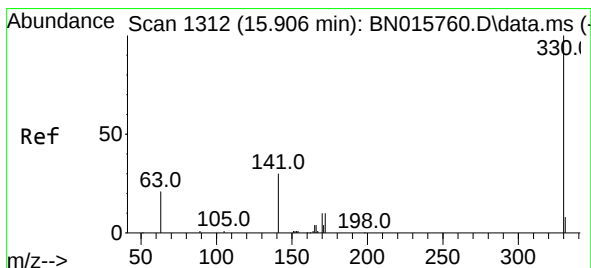
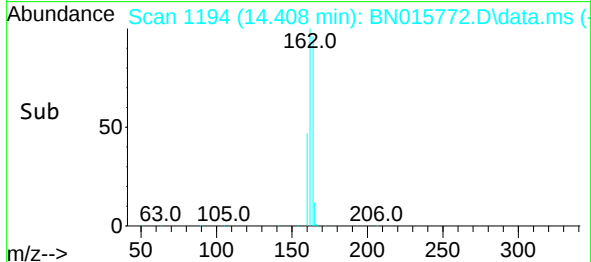
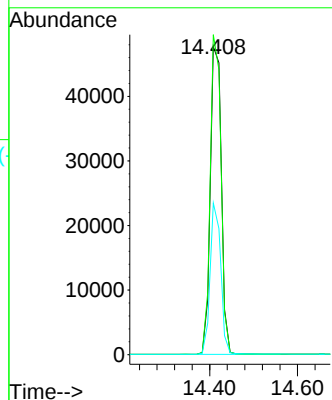
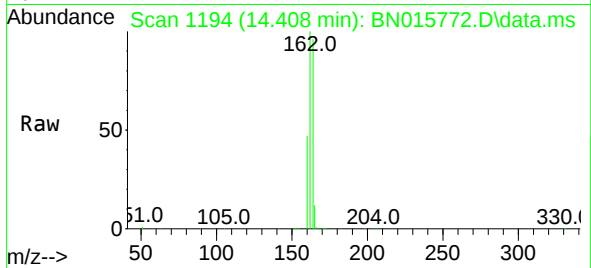




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

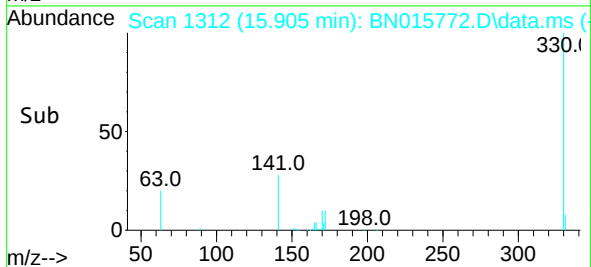
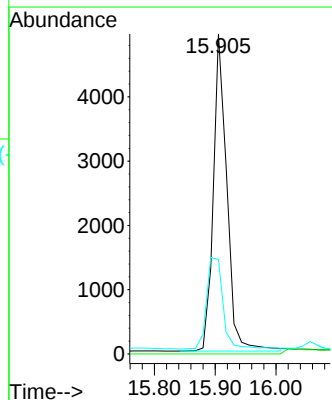
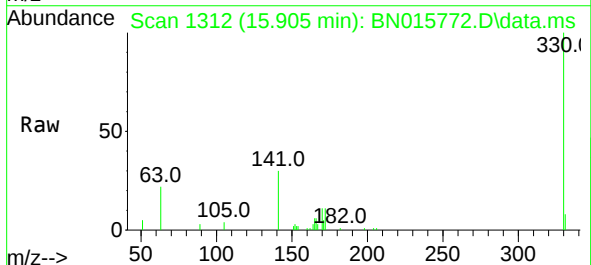
Instrument :
BNA_N
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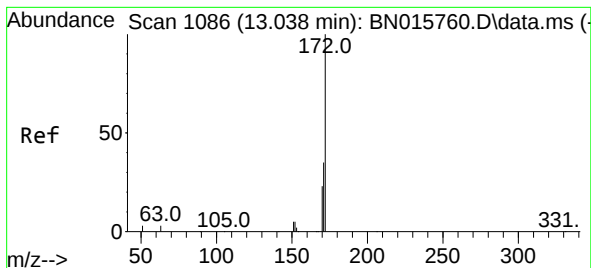
Tgt Ion:164 Resp: 83165
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 49.2 39.8 59.6



#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.905 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:330 Resp: 7624
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 28.2 42.2

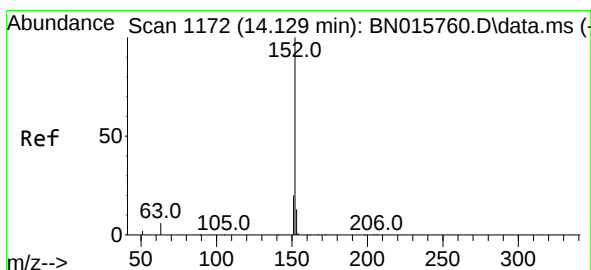
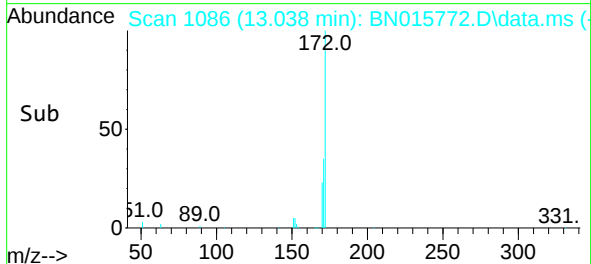
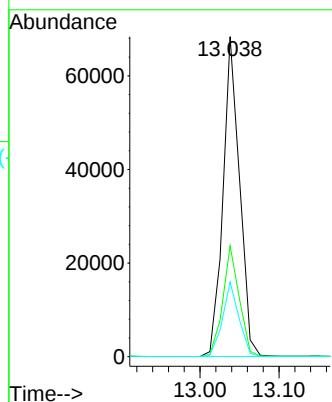
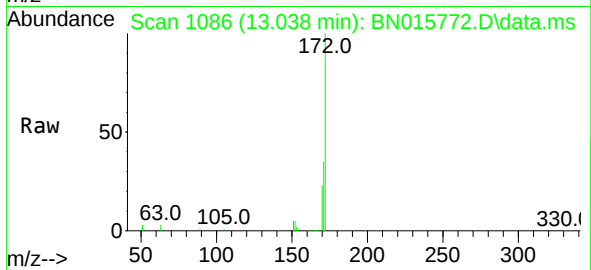




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

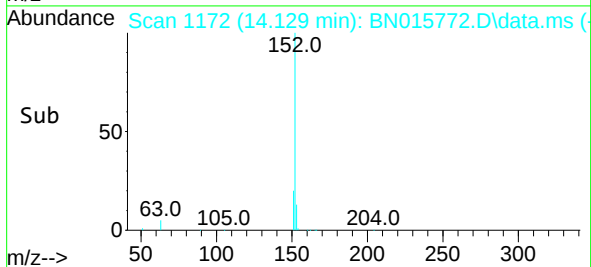
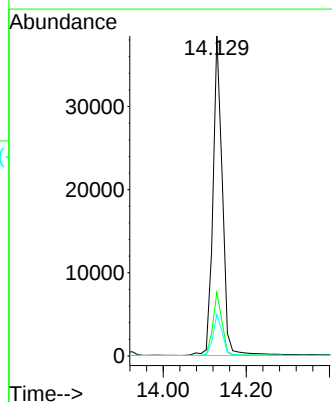
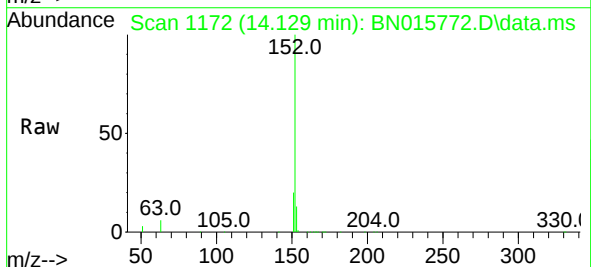
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

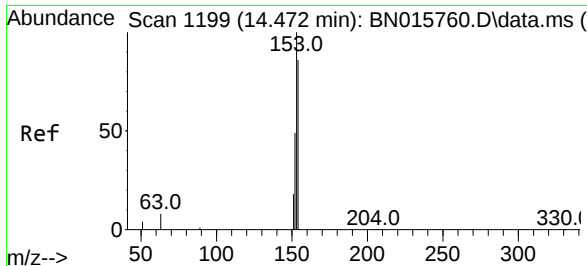
Tgt Ion:172 Resp: 99362
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.175 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:152 Resp: 60144
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.9 10.5 15.7

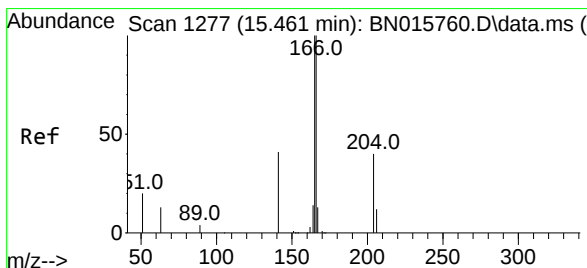
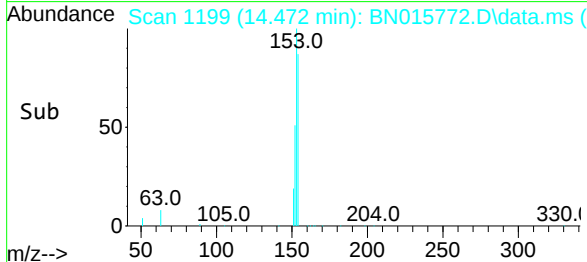
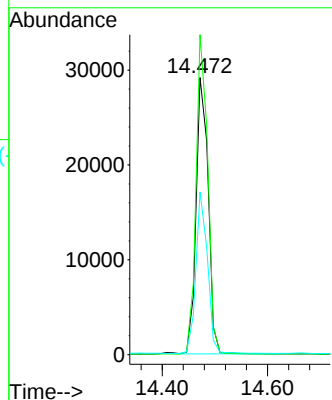
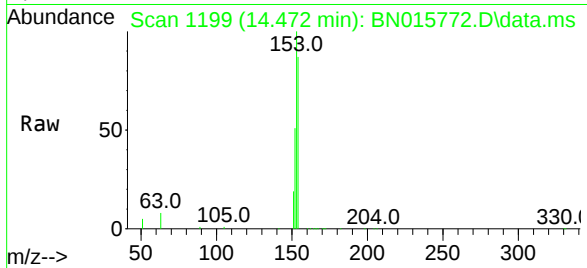




#17
Acenaphthene
Concen: 0.195 ng
RT: 14.472 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

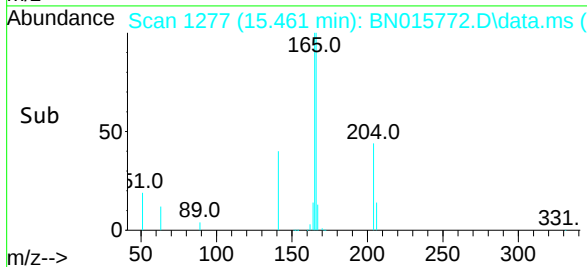
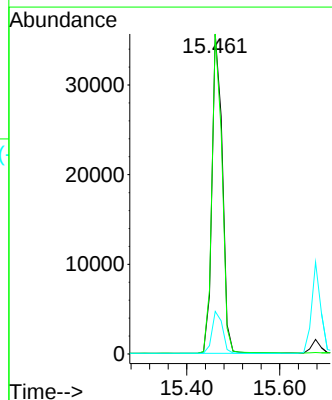
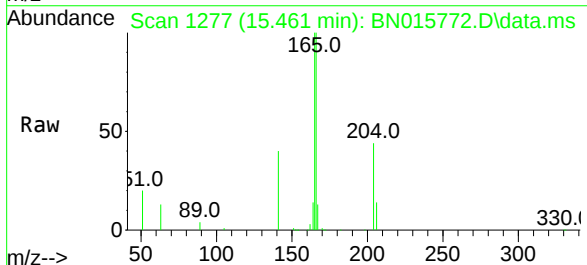
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

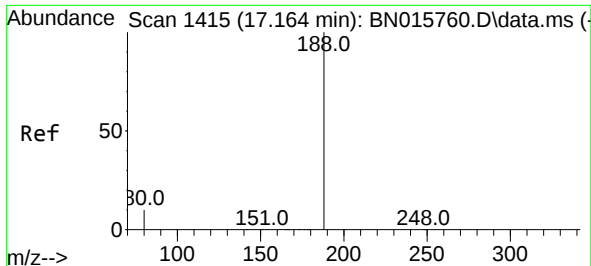
Tgt Ion:154 Resp: 46558
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 56.0 44.4 66.6



#18
Fluorene
Concen: 0.193 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:166 Resp: 55342
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.4 10.7 16.1

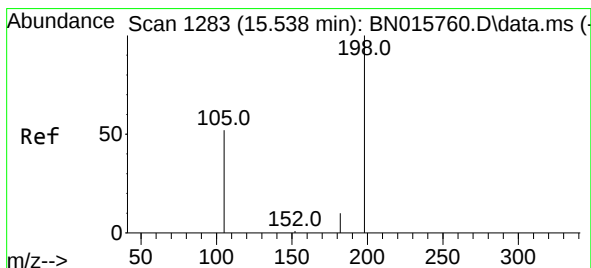
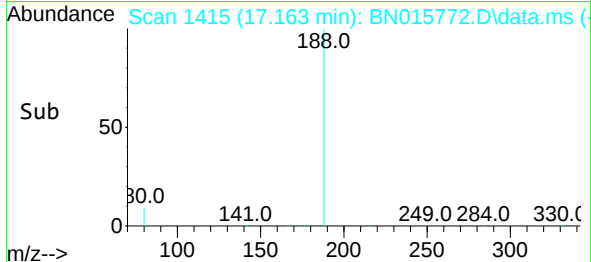
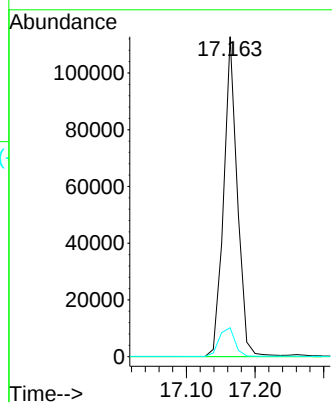
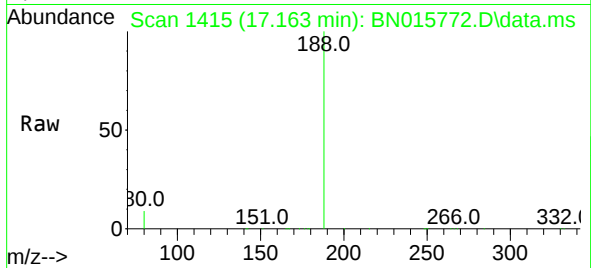




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

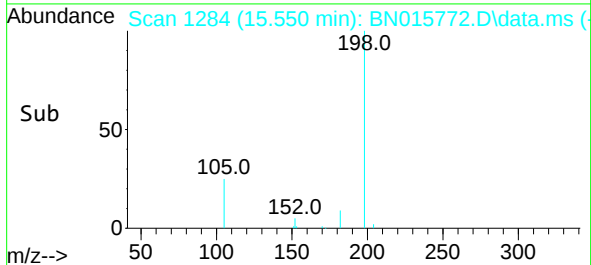
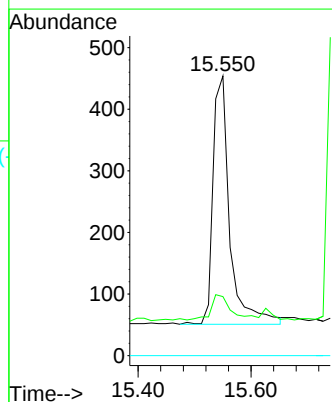
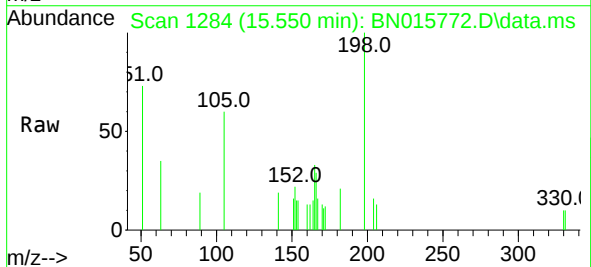
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

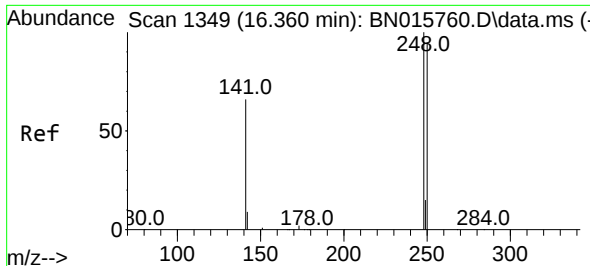
Tgt Ion:188 Resp: 155115
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.7 11.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.088 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:198 Resp: 827
Ion Ratio Lower Upper
198 100
182 21.1 11.1 16.7#
77 0.0 0.0 0.0

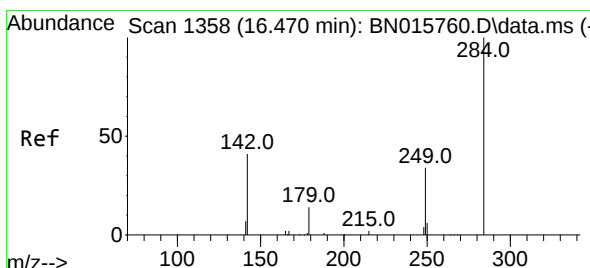
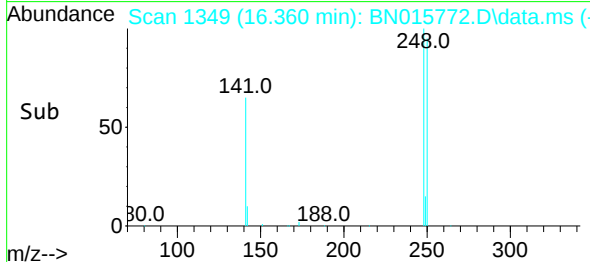
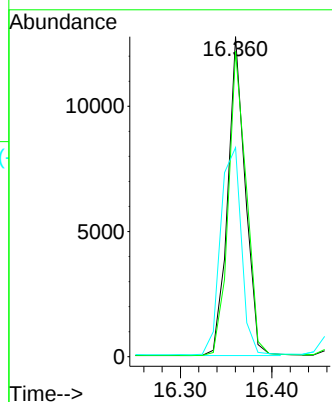
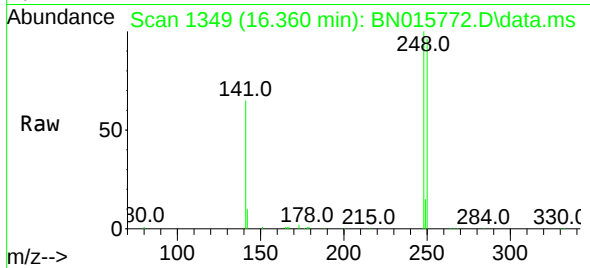




#21
4-Bromophenyl-phenylether
Concen: 0.186 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

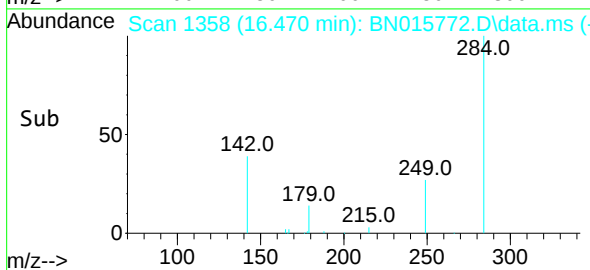
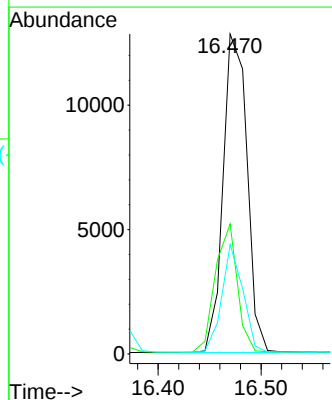
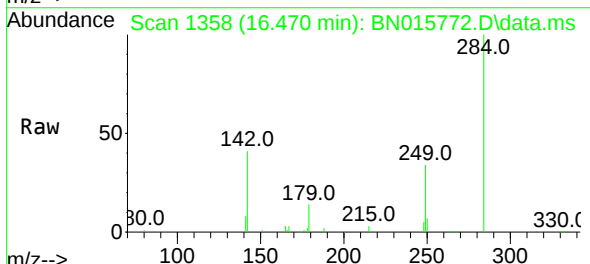
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

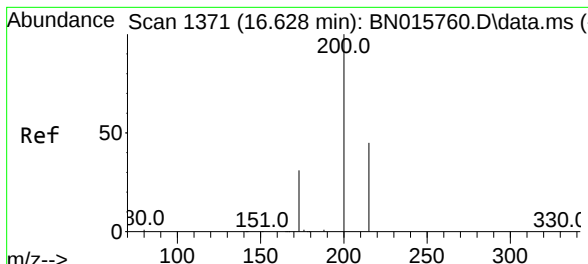
Tgt Ion:248	Resp:	16952
Ion Ratio	Lower	Upper
248	100	
250	95.5	75.8 113.6
141	65.4	52.8 79.2



#22
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:284	Resp:	20714
Ion Ratio	Lower	Upper
284	100	
142	37.0	29.4 44.2
249	29.7	23.8 35.6

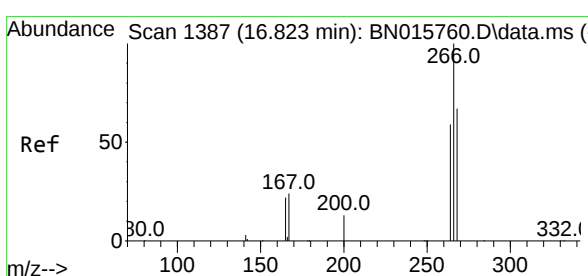
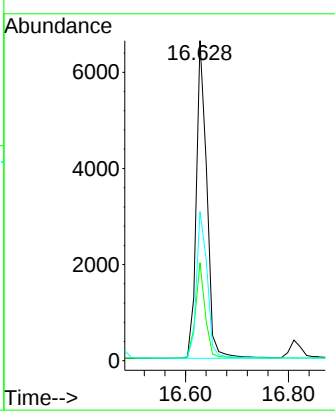
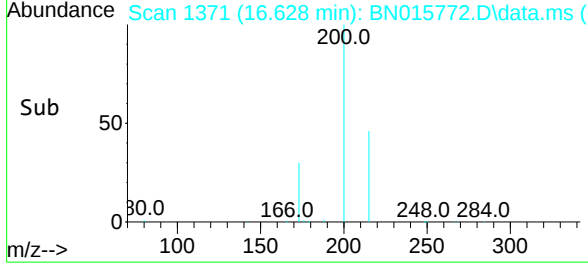
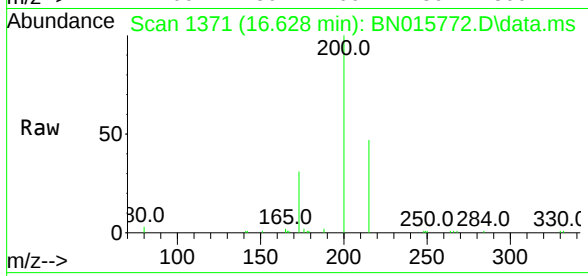




#23
 Atrazine
 Concen: 0.168 ng
 RT: 16.628 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

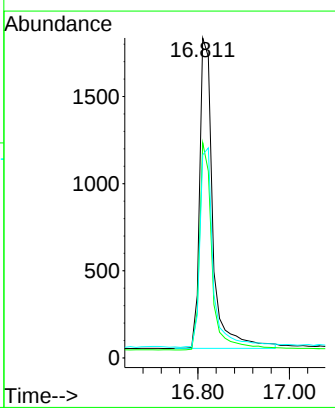
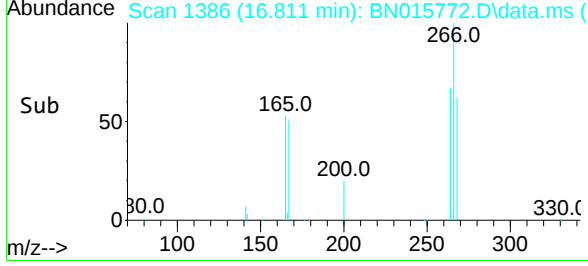
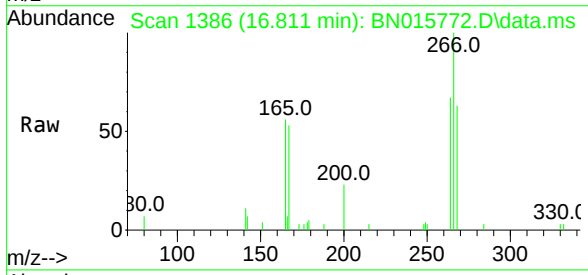
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

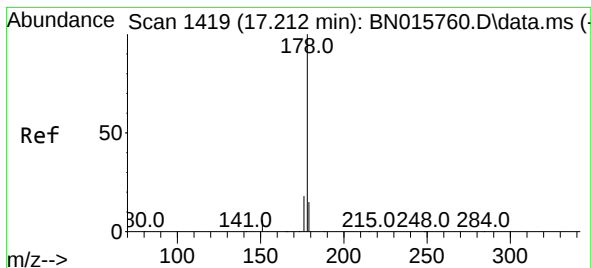
Tgt Ion:	200	Resp:	9414
Ion Ratio	Lower	Upper	
200	100		
173	30.6	25.0	37.6
215	46.6	36.3	54.5



#24
 Pentachlorophenol
 Concen: 0.110 ng
 RT: 16.811 min Scan# 1386
 Delta R.T. -0.012 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

Tgt Ion:	266	Resp:	3569
Ion Ratio	Lower	Upper	
266	100		
264	63.6	49.7	74.5
268	65.7	51.8	77.6





#25

Phenanthrene

Concen: 0.195 ng

RT: 17.200 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

Tgt Ion:178 Resp: 90095

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

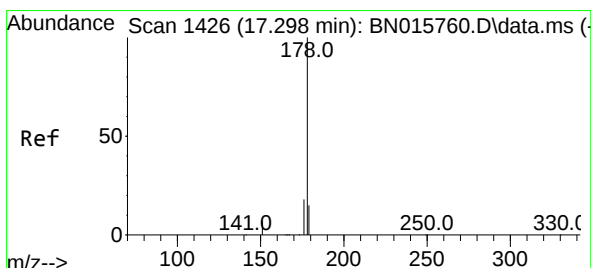
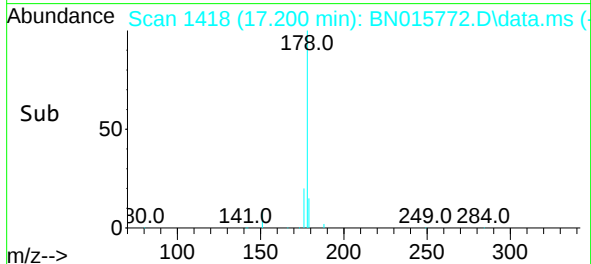
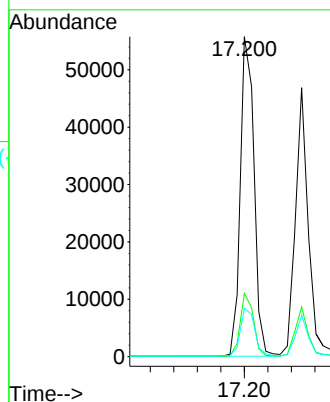
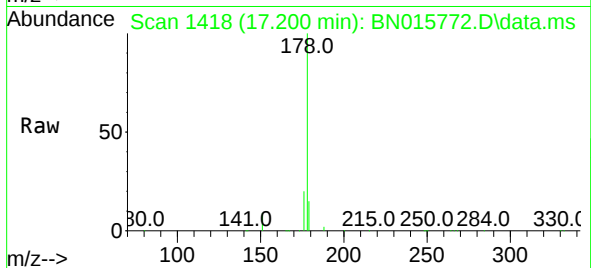
179 15.8 12.2 18.4

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#26

Anthracene

Concen: 0.182 ng

RT: 17.297 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

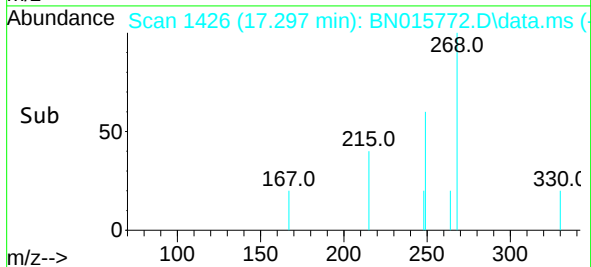
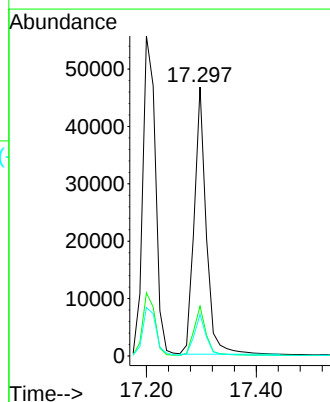
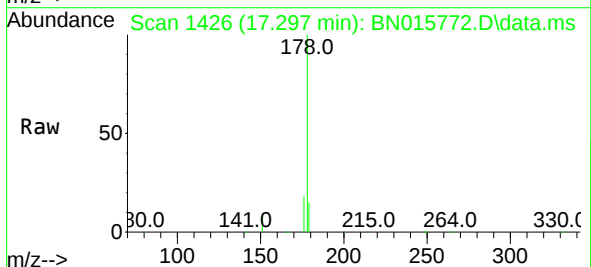
Tgt Ion:178 Resp: 70696

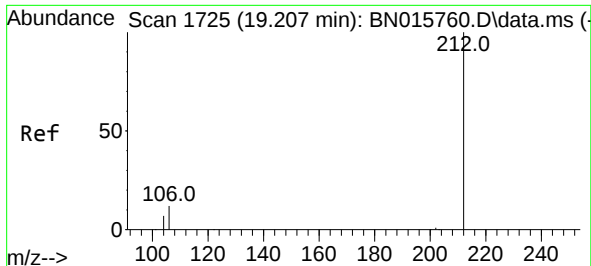
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.3 12.2 18.4

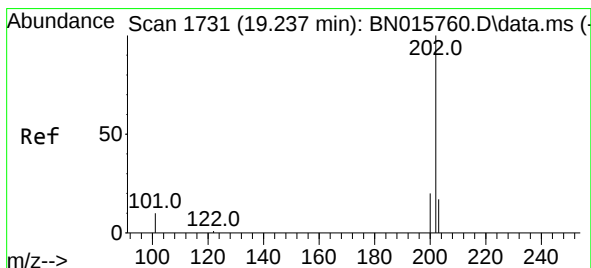
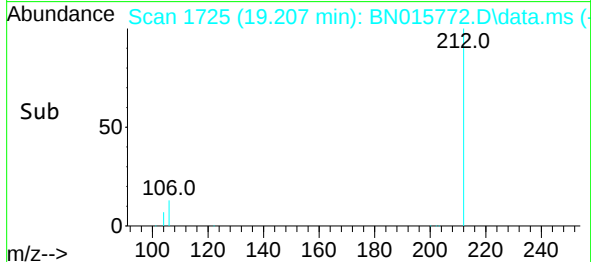
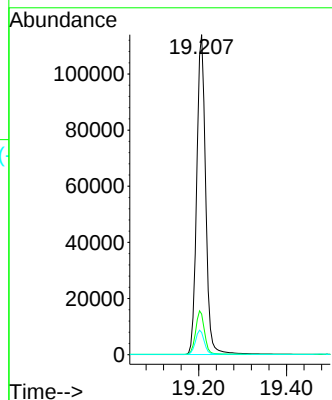
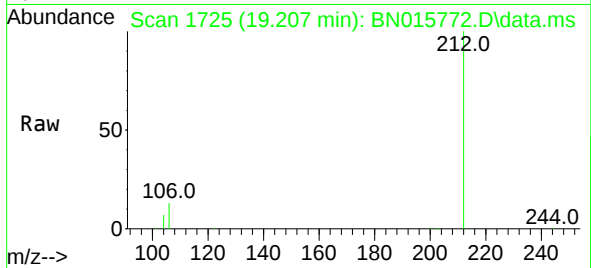




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.207 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

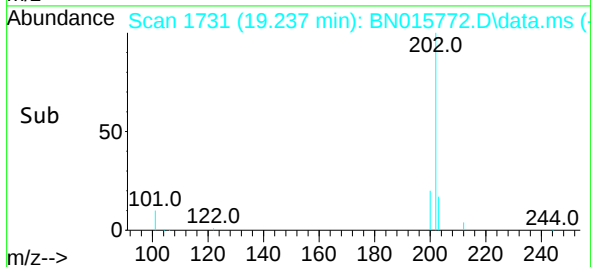
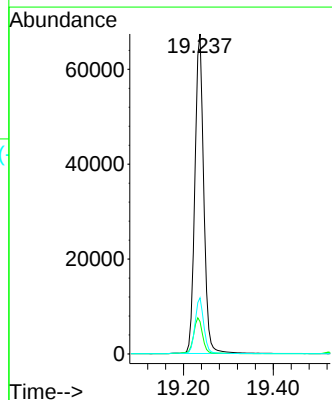
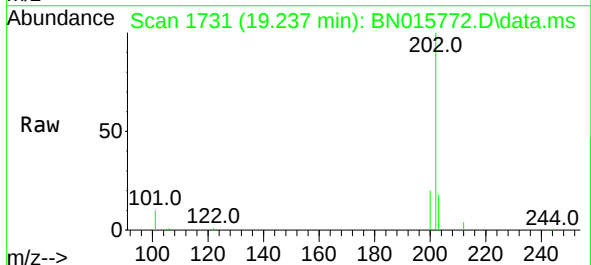
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

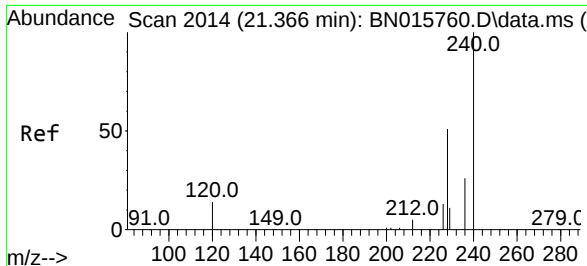
Tgt Ion:212 Resp: 161156
Ion Ratio Lower Upper
212 100
106 13.7 10.8 16.2
104 7.6 6.0 9.0



#28
Fluoranthene
Concen: 0.193 ng
RT: 19.237 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:202 Resp: 92482
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.6
203 17.3 13.8 20.8

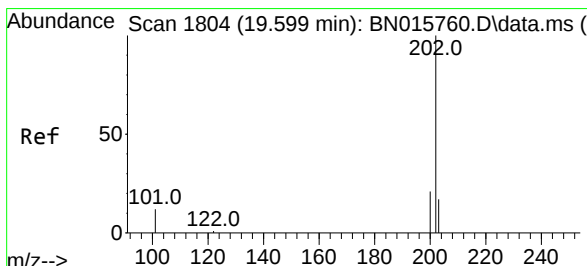
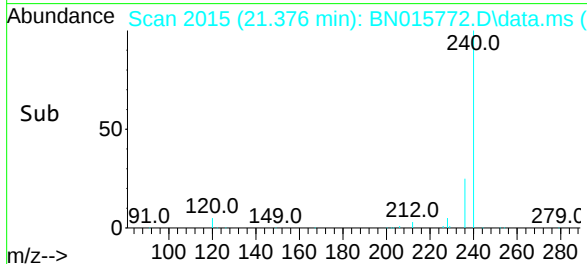
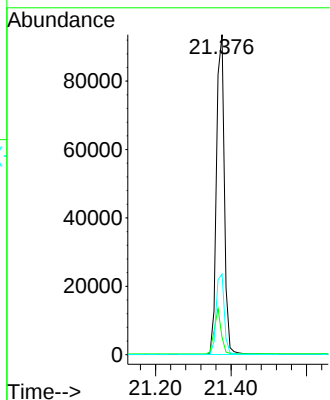
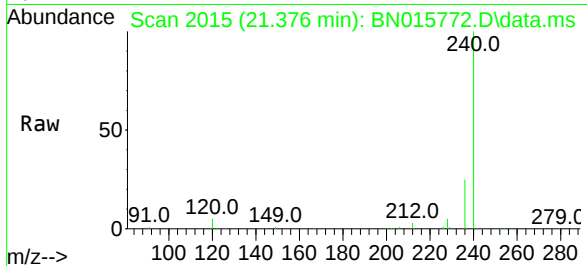




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.010 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

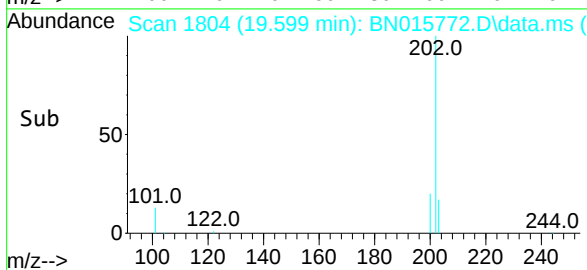
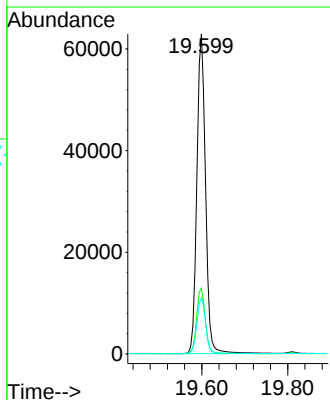
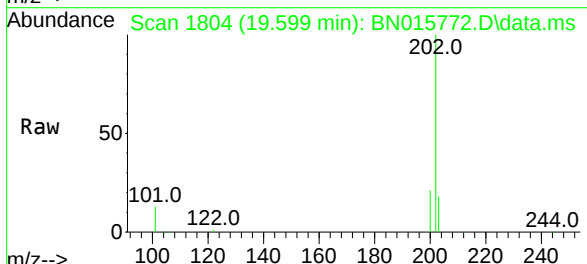
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

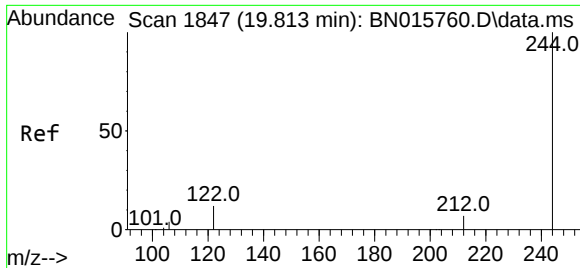
Tgt Ion:240 Resp: 135795
Ion Ratio Lower Upper
240 100
120 5.4 11.4 17.0#
236 25.2 21.2 31.8



#30
Pyrene
Concen: 0.194 ng
RT: 19.599 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:202 Resp: 88157
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.7 13.9 20.9

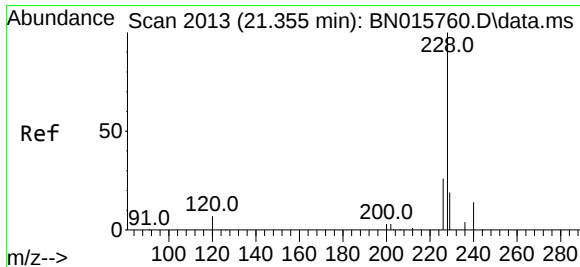
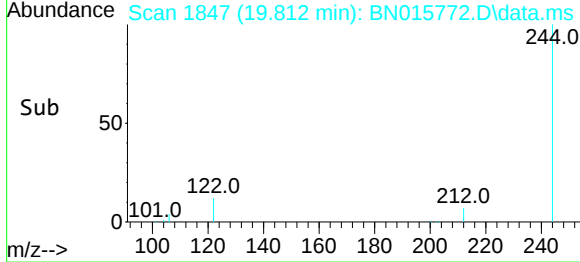
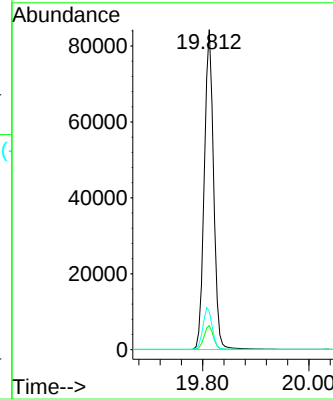
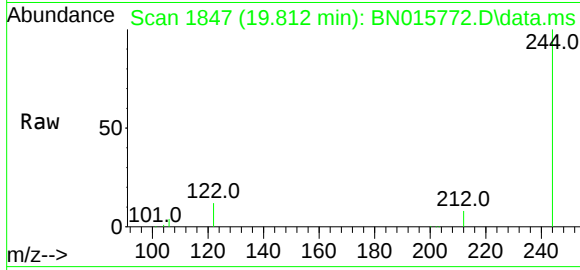




#31
 Terphenyl-d14
 Concen: 0.304 ng
 RT: 19.812 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

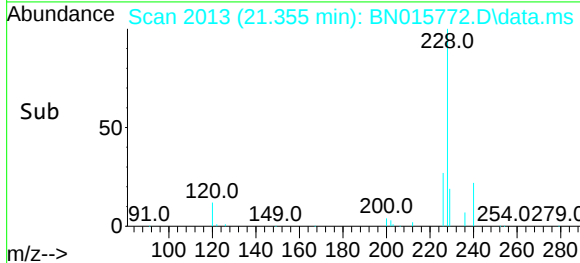
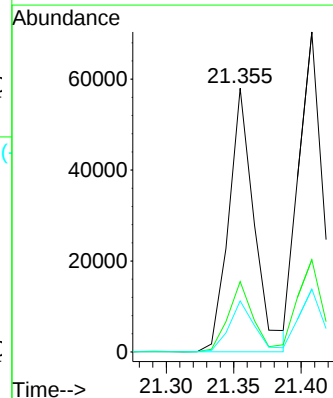
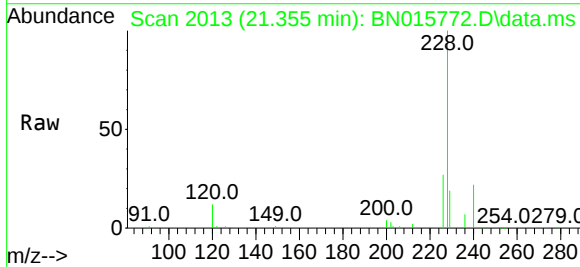
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

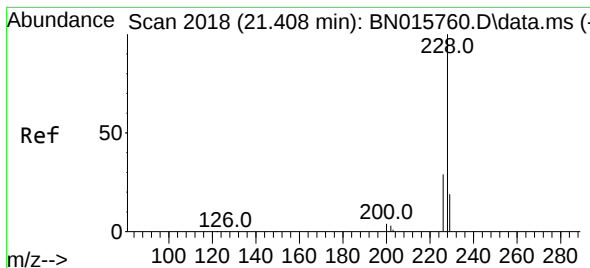
Tgt Ion:244 Resp: 102165
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.9 9.7 14.5



#32
 Benzo(a)anthracene
 Concen: 0.183 ng
 RT: 21.355 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

Tgt Ion:228 Resp: 76147
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.2 31.8
 229 19.4 15.6 23.4





#33

Chrysene

Concen: 0.195 ng

RT: 21.408 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

Tgt Ion:228 Resp: 87426

Ion Ratio Lower Upper

228 100

226 28.9 23.3 34.9

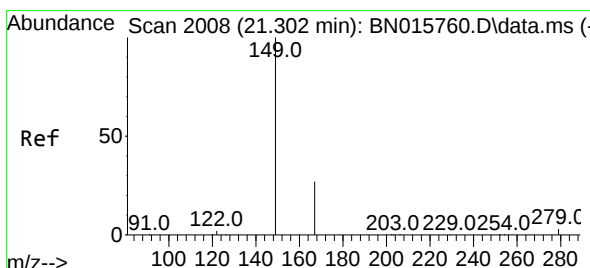
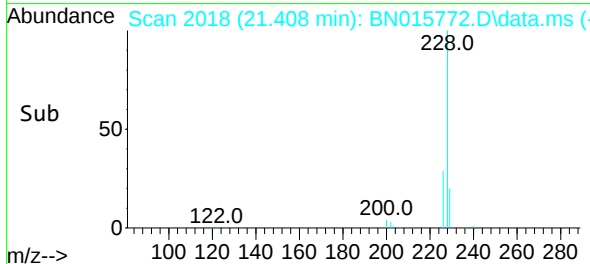
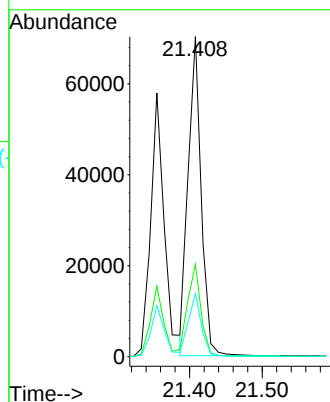
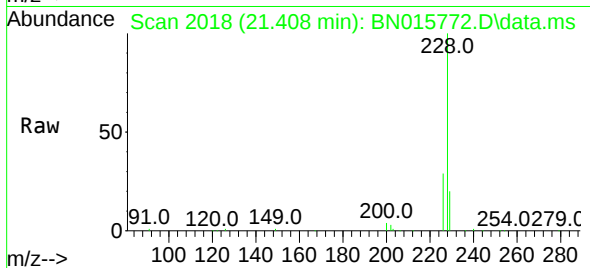
229 19.7 15.7 23.5

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.134 ng

RT: 21.302 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

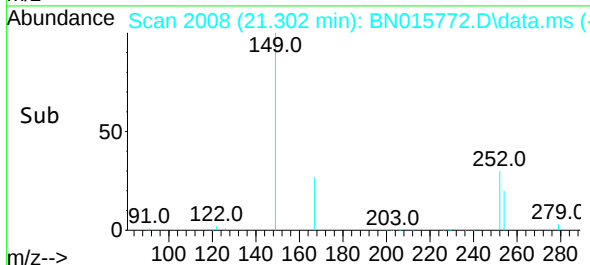
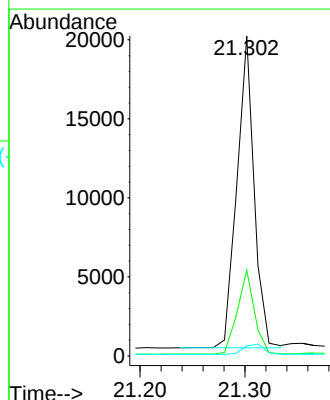
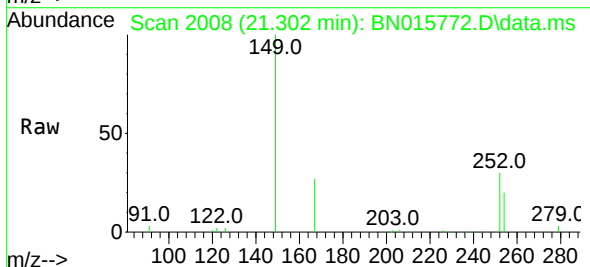
Tgt Ion:149 Resp: 22333

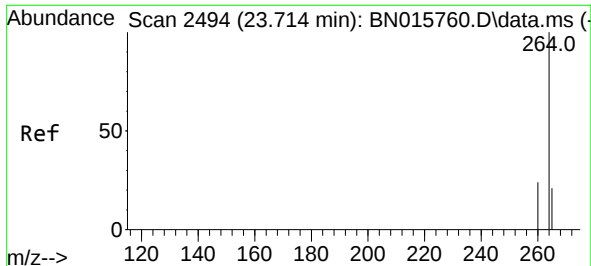
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 3.8 3.2 4.8

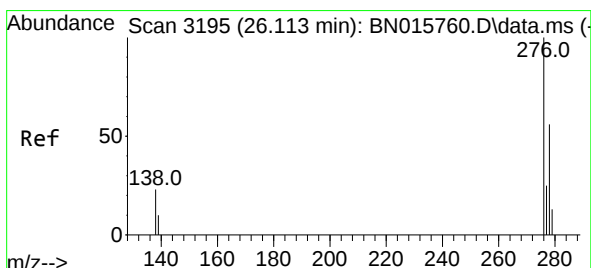
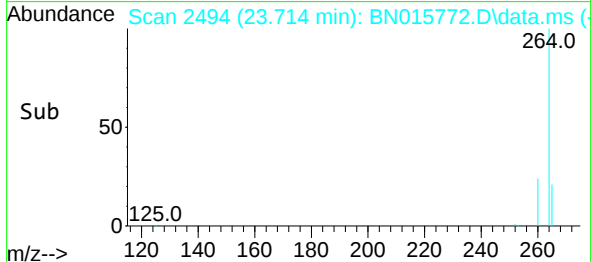
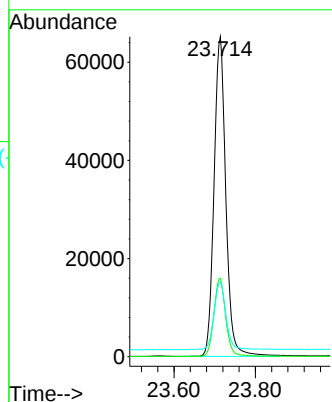
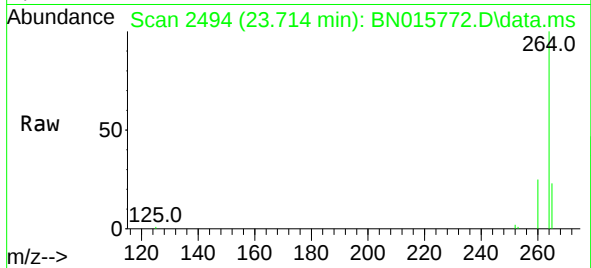




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.714 min Scan# 2494
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

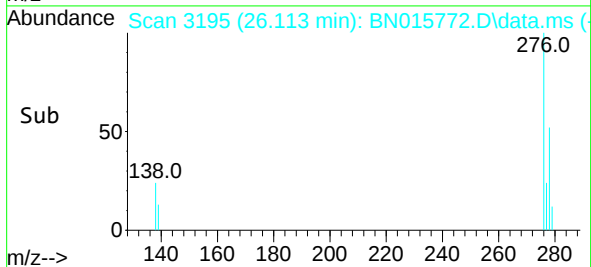
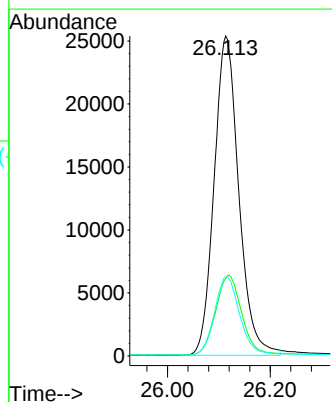
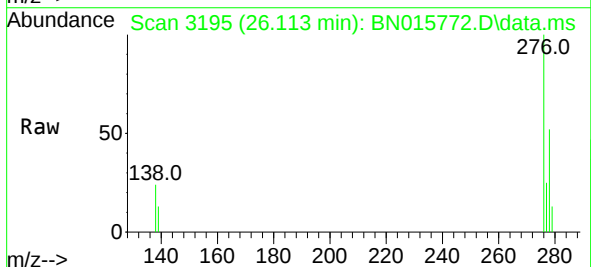
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

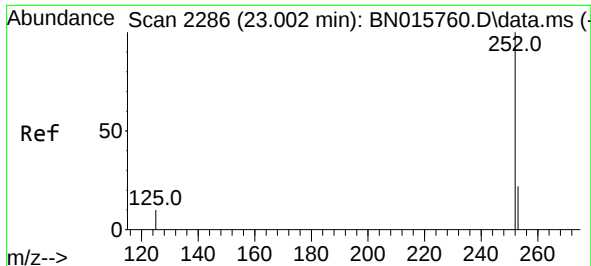
Tgt Ion:264	Resp:	131423
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.5 29.3
265	23.3	19.2 28.8



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.181 ng
 RT: 26.113 min Scan# 3195
 Delta R.T. -0.000 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

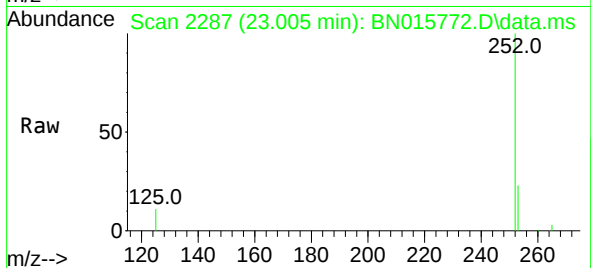
Tgt Ion:276	Resp:	84339
Ion Ratio	Lower	Upper
276	100	
138	26.3	19.6 29.4
277	25.0	20.0 30.0



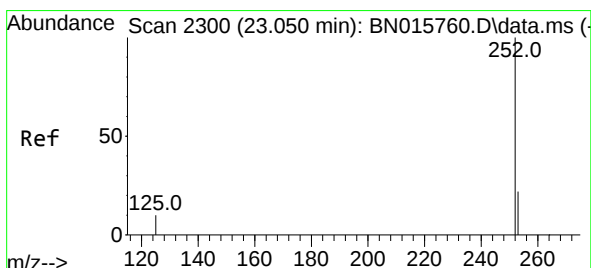
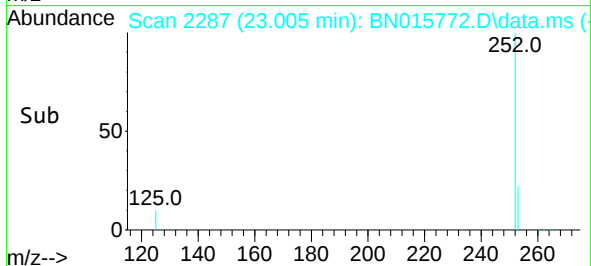
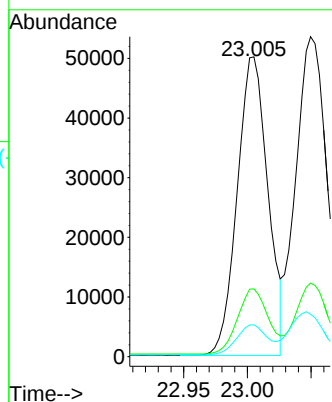


#37
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 23.005 min Scan# 2287
Delta R.T. 0.003 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

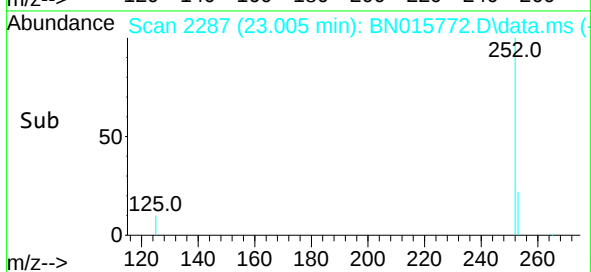
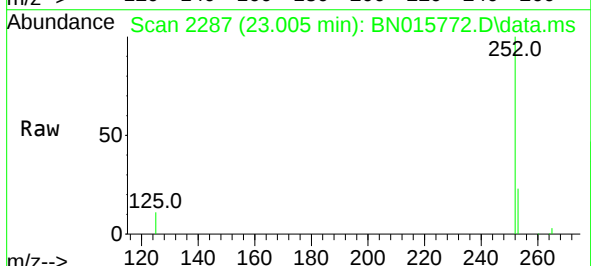
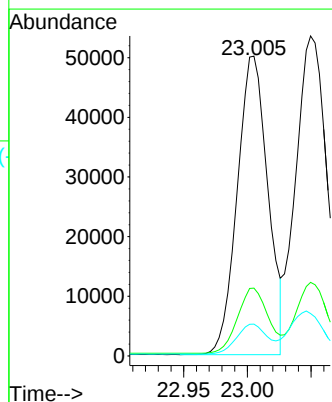


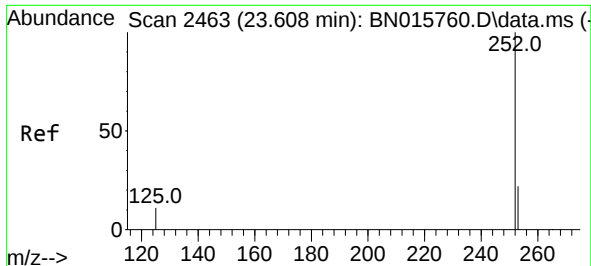
Tgt Ion:252 Resp: 83650
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.6 8.2 12.4



#38
Benzo(k)fluoranthene
Concen: 0.177 ng
RT: 23.005 min Scan# 2287
Delta R.T. -0.045 min
Lab File: BN015772.D
Acq: 03 Aug 2021 17:16

Tgt Ion:252 Resp: 83650
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.6 8.3 12.5





#39

Benzo(a)pyrene

Concen: 0.178 ng

RT: 23.611 min Scan# 2464

Delta R.T. 0.003 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

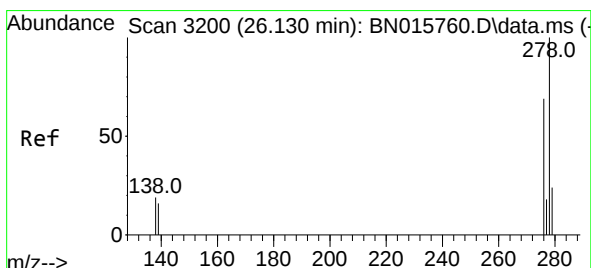
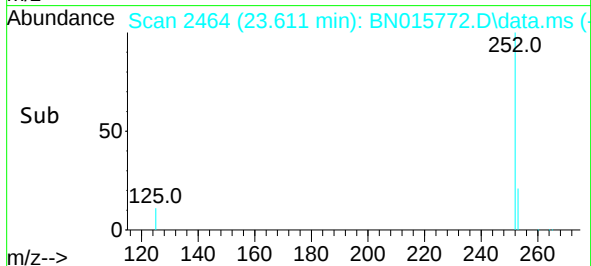
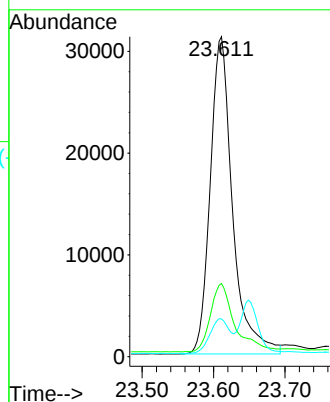
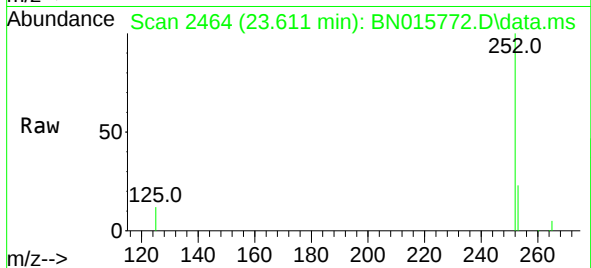
Tgt Ion:252 Resp: 67709

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 11.8 9.0 13.6



#40

Dibenzo(a,h)anthracene

Concen: 0.180 ng

RT: 26.134 min Scan# 3201

Delta R.T. 0.003 min

Lab File: BN015772.D

Acq: 03 Aug 2021 17:16

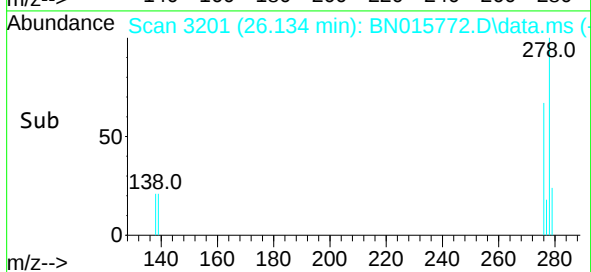
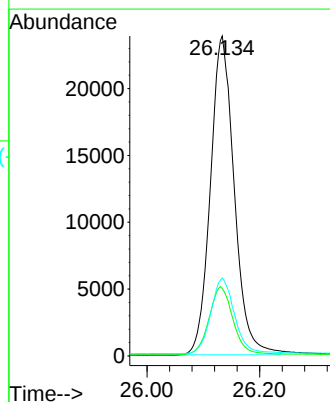
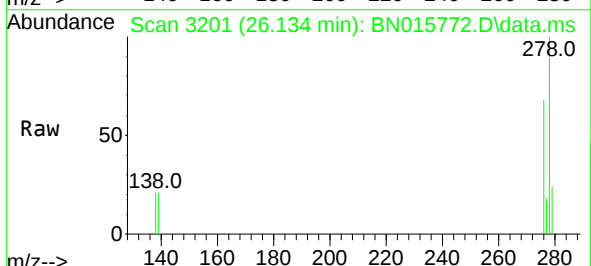
Tgt Ion:278 Resp: 69998

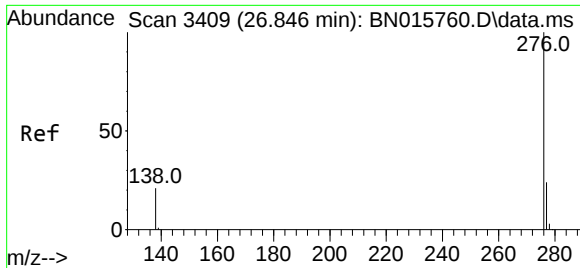
Ion Ratio Lower Upper

278 100

139 21.0 13.1 19.7#

279 24.4 19.1 28.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.182 ng
 RT: 26.842 min Scan# 3408
 Delta R.T. -0.004 min
 Lab File: BN015772.D
 Acq: 03 Aug 2021 17:16

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Tgt Ion:	276	Resp:	74187
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.6
138	21.2	16.6	24.8

