

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
 Data File : BN015774.D
 Acq On : 03 Aug 2021 18:29
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL-0.1ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Aug 04 02:15:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 02:14:12 2021
 Response via : Initial Calibration

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

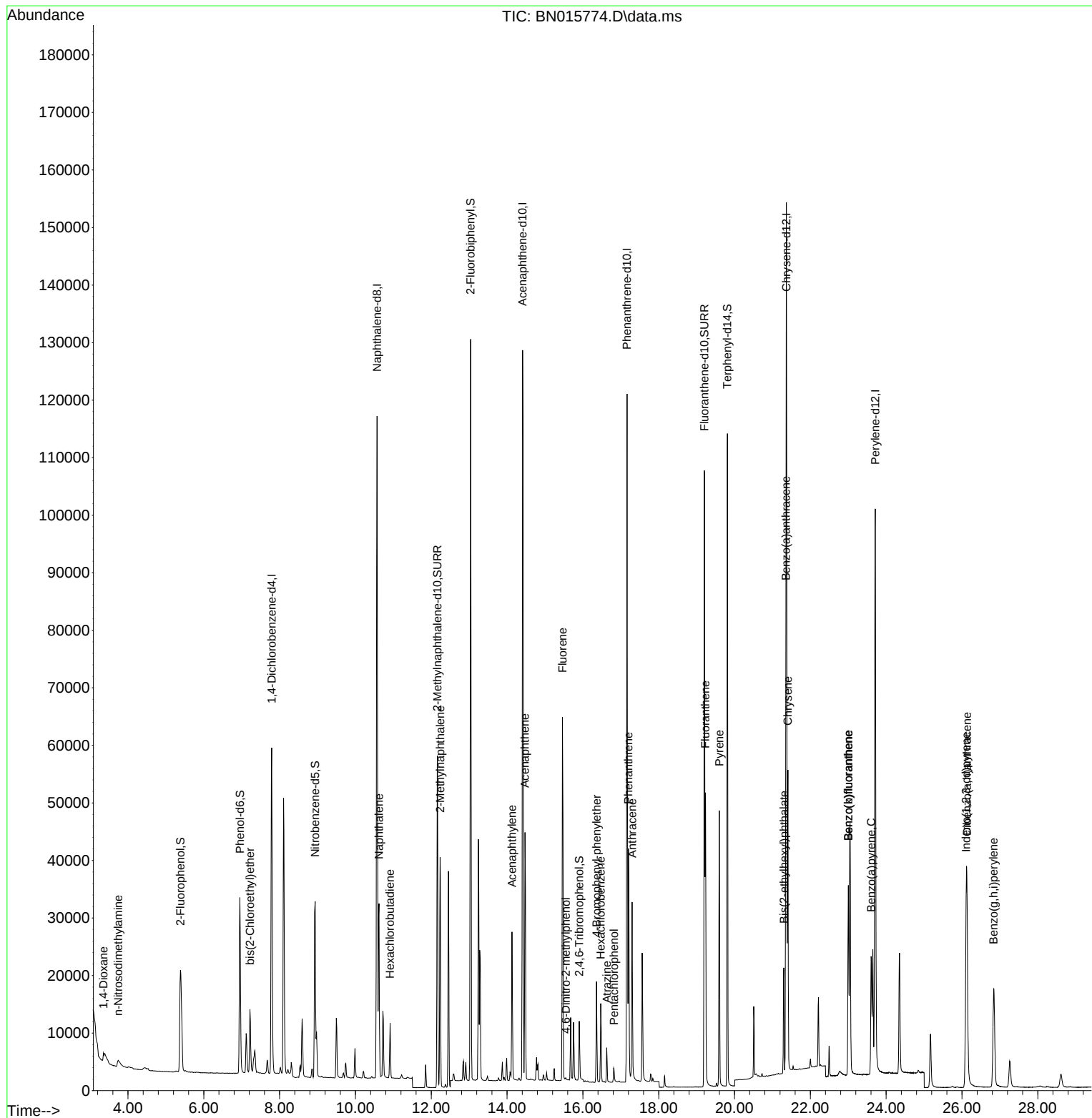
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	35812	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	158742	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	81142	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	153240	0.400	ng	0.00
29) Chrysene-d12	21.365	240	131177	0.400	ng	0.00
35) Perylene-d12	23.710	264	136994	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	32771	0.374	ng	0.00
5) Phenol-d6	6.951	99	38086	0.360	ng	0.00
8) Nitrobenzene-d5	8.936	82	29124	0.285	ng	0.01
11) 2-Methylnaphthalene-d10	12.163	152	78230	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8225	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	105432	0.326	ng	0.00
27) Fluoranthene-d10	19.207	212	126298	0.317	ng	0.00
31) Terphenyl-d14	19.812	244	111995	0.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	771	0.067	ng	85
3) n-Nitrosodimethylamine	3.742	42	1717	0.072	ng	100
6) bis(2-Chloroethyl)ether	7.218	93	10269	0.107	ng	98
9) Naphthalene	10.622	128	43443	0.104	ng	99
10) Hexachlorobutadiene	10.914	225	7410	0.102	ng	# 99
12) 2-Methylnaphthalene	12.234	142	28180	0.105	ng	99
16) Acenaphthylene	14.129	152	28560	0.085	ng	100
17) Acenaphthene	14.472	154	22713	0.097	ng	99
18) Fluorene	15.461	166	26857	0.096	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	324	0.035	ng	# 49
21) 4-Bromophenyl-phenylether	16.360	248	8366	0.093	ng	97
22) Hexachlorobenzene	16.470	284	10403	0.101	ng	99
23) Atrazine	16.628	200	4702	0.085	ng	98
24) Pentachlorophenol	16.823	266	1536	0.048	ng	99
25) Phenanthrene	17.200	178	44636	0.098	ng	99
26) Anthracene	17.297	178	34415	0.090	ng	100
28) Fluoranthene	19.232	202	46237	0.097	ng	99
30) Pyrene	19.599	202	44083	0.101	ng	100
32) Benzo(a)anthracene	21.355	228	36545	0.091	ng	100
33) Chrysene	21.408	228	43762	0.101	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	12061	0.075	ng	99
36) Indeno(1,2,3-cd)pyrene	26.110	276	44394	0.091	ng	# 90
37) Benzo(b)fluoranthene	23.002	252	44029	0.093	ng	97
38) Benzo(k)fluoranthene	23.002	252	44029	0.089	ng	97
39) Benzo(a)pyrene	23.604	252	36366	0.092	ng	96
40) Dibenzo(a,h)anthracene	26.130	278	36724	0.090	ng	# 65
41) Benzo(g,h,i)perylene	26.835	276	38708	0.091	ng	98

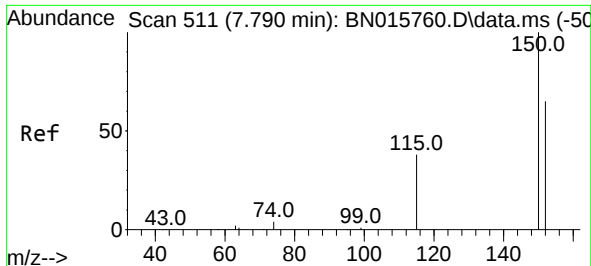
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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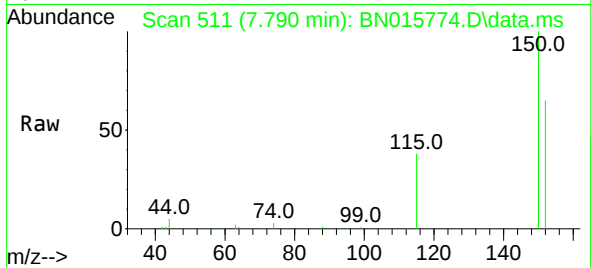
Quant Time: Aug 04 02:15:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
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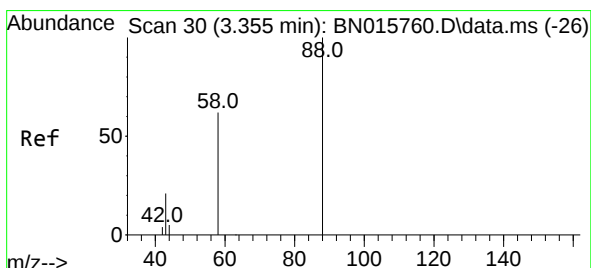
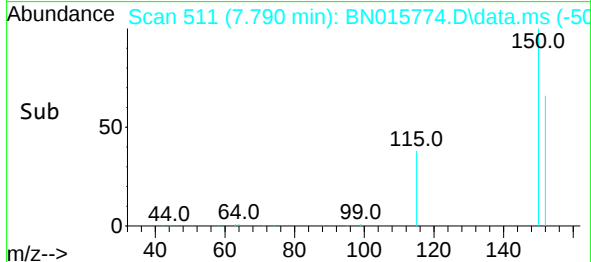
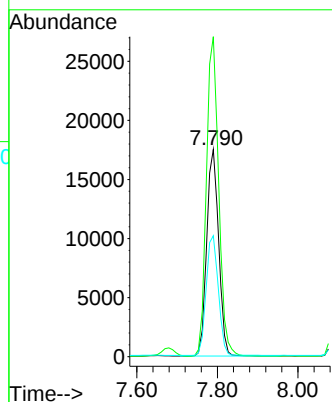


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: BN015774.D
 Acq: 03 Aug 2021 18:29

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

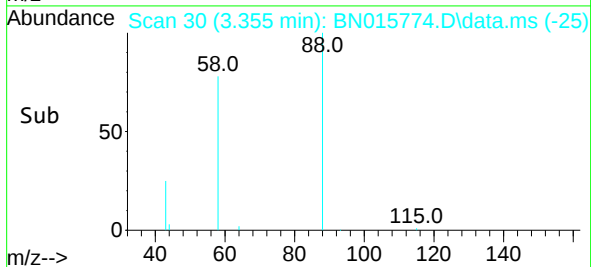
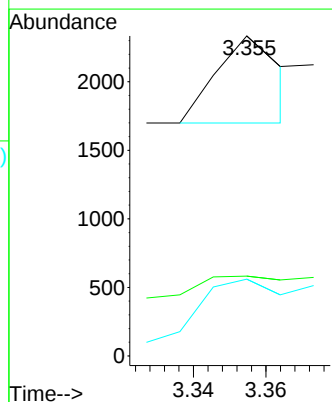
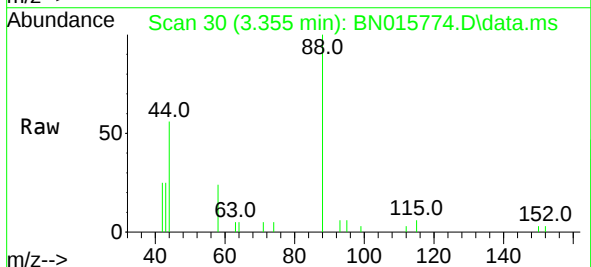


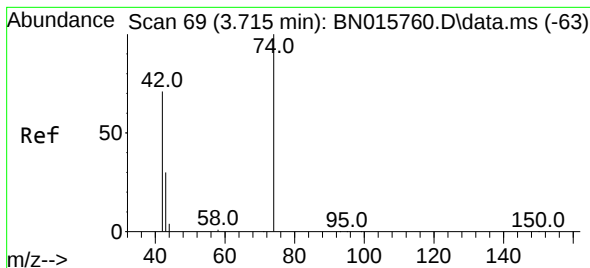
Tgt Ion:152 Resp: 35812
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.5 185.3
 115 58.4 46.8 70.2



#2
 1,4-Dioxane
 Concen: 0.067 ng
 RT: 3.355 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN015774.D
 Acq: 03 Aug 2021 18:29

Tgt Ion: 88 Resp: 771
 Ion Ratio Lower Upper
 88 100
 43 33.9 23.1 34.7
 58 92.6 62.2 93.4





#3

n-Nitrosodimethylamine

Concen: 0.072 ng

RT: 3.742 min Scan# 72

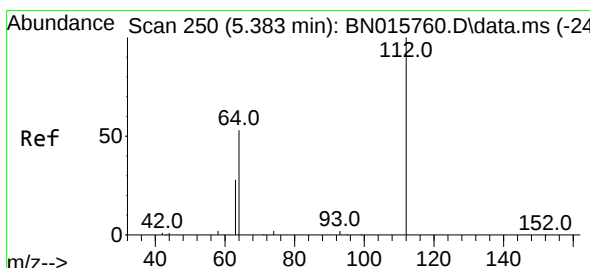
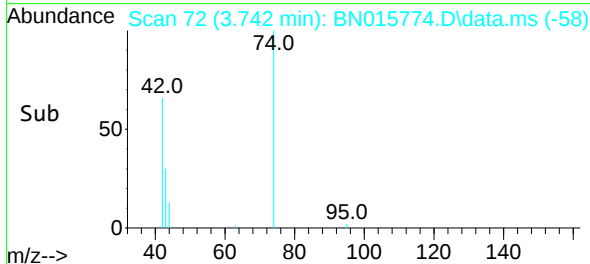
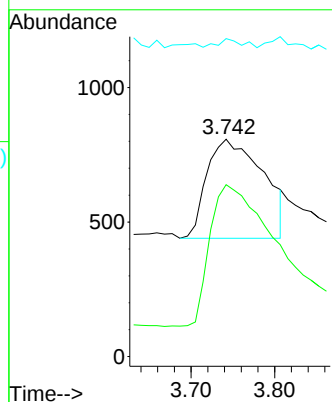
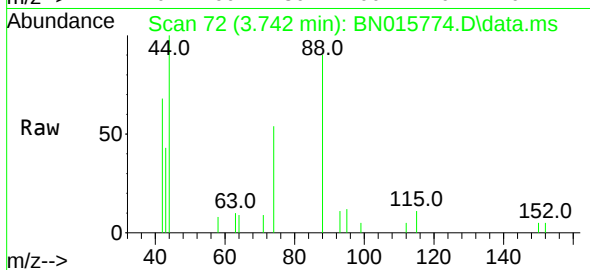
Delta R.T. 0.027 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

Tgt Ion: 42 Resp: 1717

Ion	Ratio	Lower	Upper
42	100		
74	142.6	114.4	171.6
44	3.7	3.6	5.4



#4

2-Fluorophenol

Concen: 0.374 ng

RT: 5.383 min Scan# 250

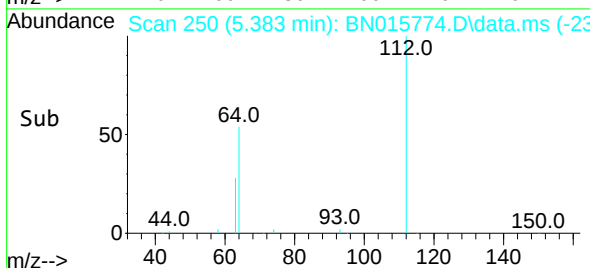
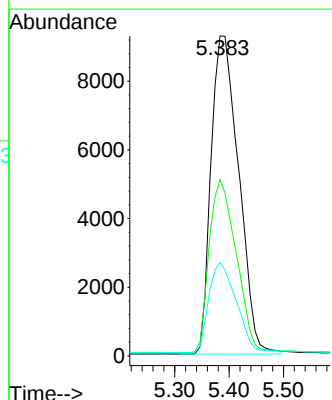
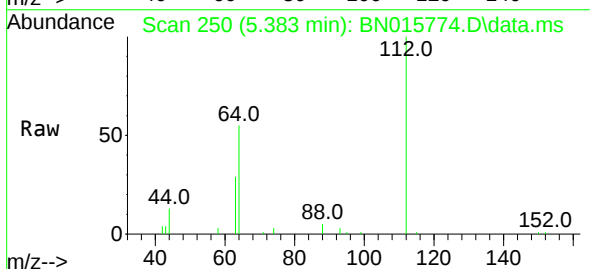
Delta R.T. -0.000 min

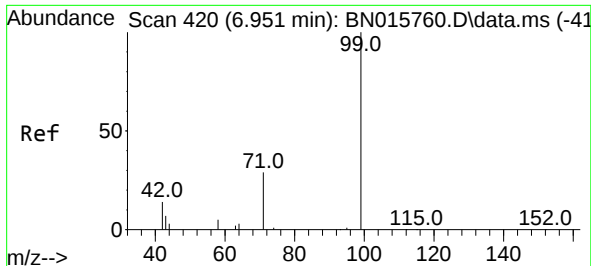
Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

Tgt Ion: 112 Resp: 32771

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.2	63.4
63	28.0	22.2	33.2

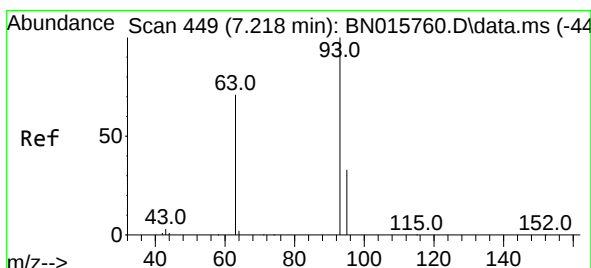
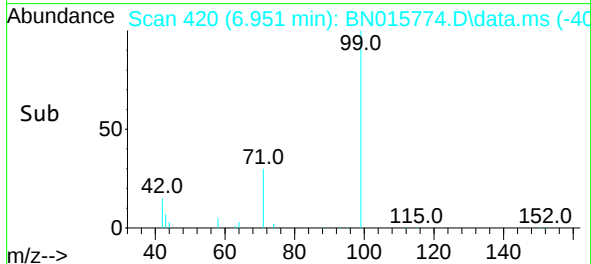
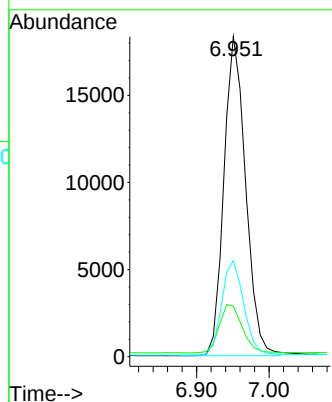
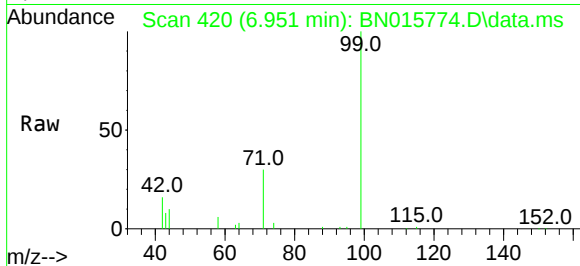




#5
Phenol-d6
Concen: 0.360 ng
RT: 6.951 min Scan# 420
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

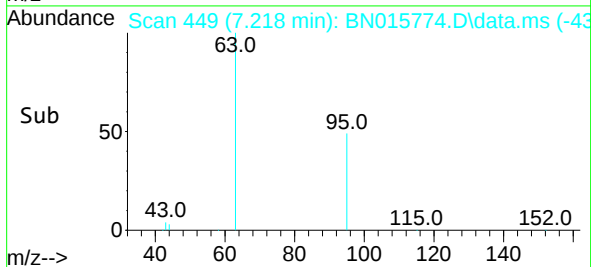
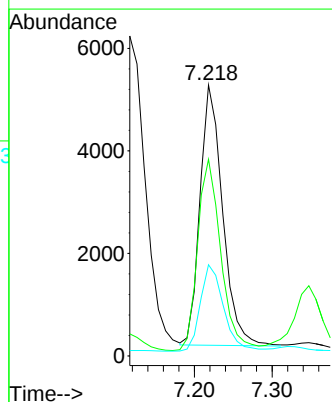
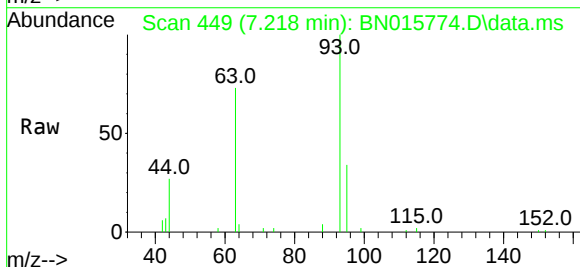
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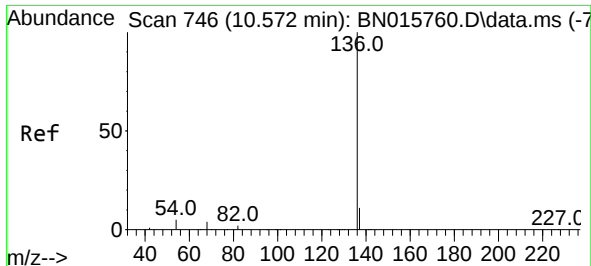
Tgt Ion:	99	Resp:	38086
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.2	19.8
71	30.2	23.8	35.8



#6
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 7.218 min Scan# 449
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:	93	Resp:	10269
Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.8	88.2
95	34.1	26.6	39.8

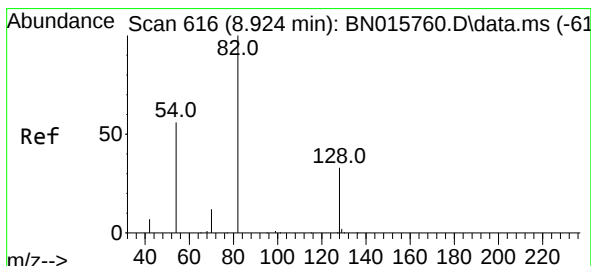
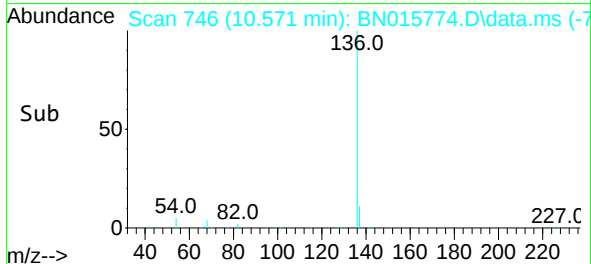
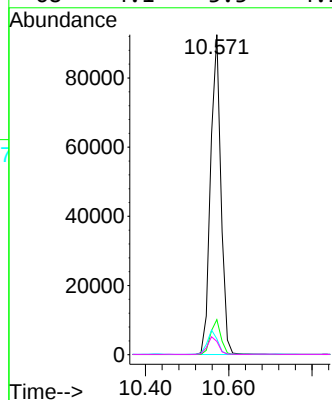
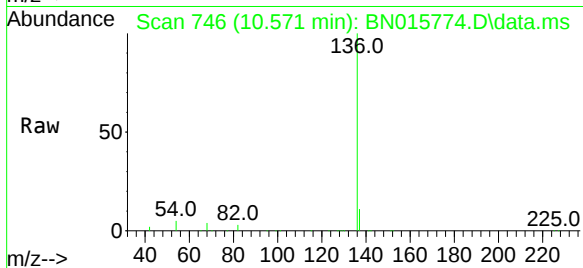




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

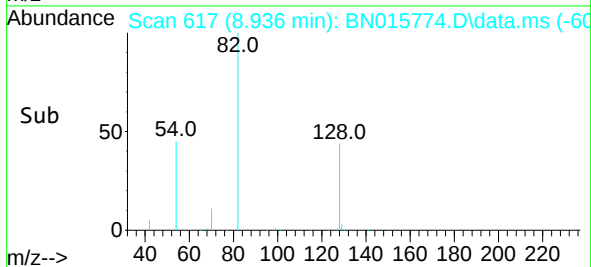
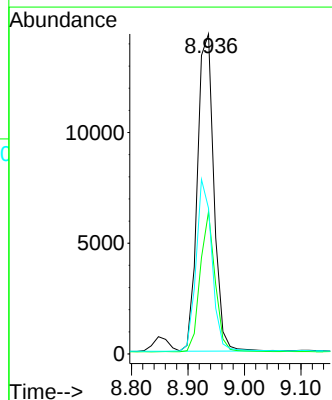
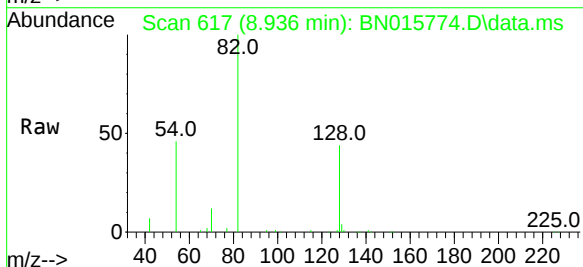
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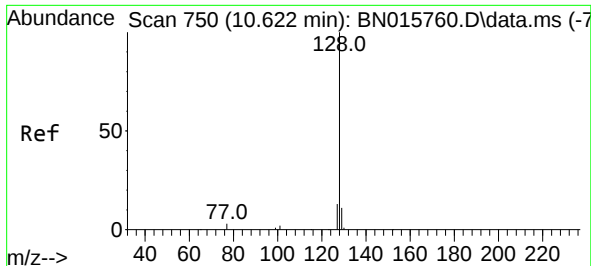
Tgt Ion:	136	Resp:	158742
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	5.0	3.9	5.9
68	4.1	3.3	4.9



#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.936 min Scan# 617
Delta R.T. 0.012 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:	82	Resp:	29124
Ion Ratio	Lower	Upper	
82	100		
128	44.5	26.2	39.4#
54	45.5	45.1	67.7

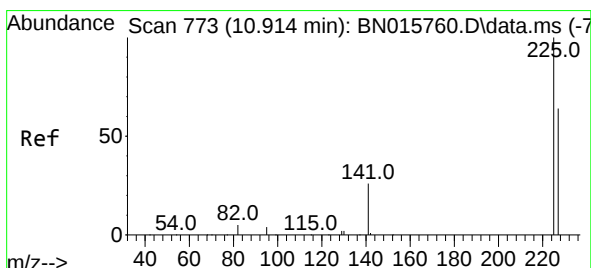
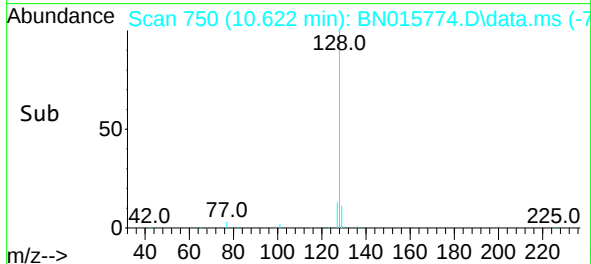
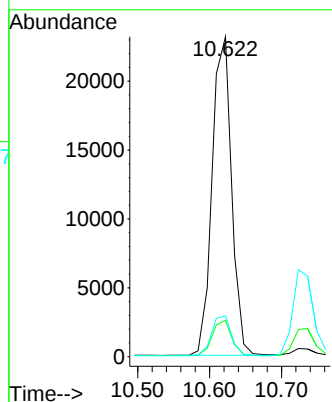
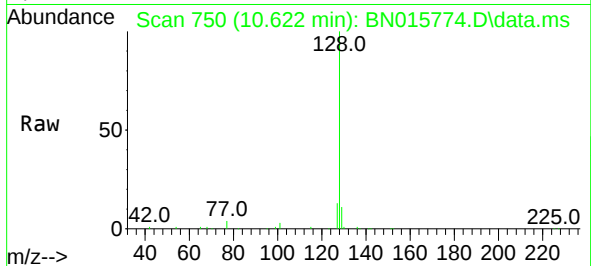




#9
Naphthalene
Concen: 0.104 ng
RT: 10.622 min Scan# 750
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

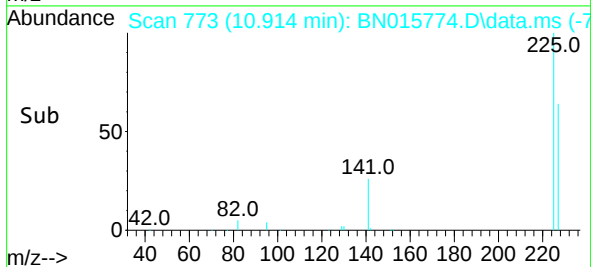
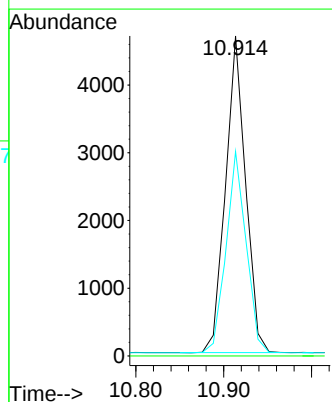
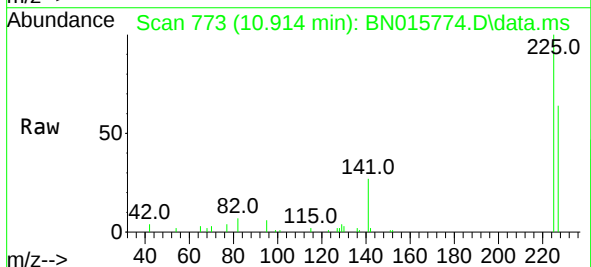
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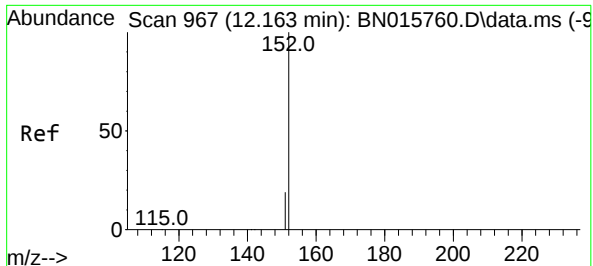
Tgt Ion:	128	Resp:	43443
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	12.8	10.2	15.2



#10
Hexachlorobutadiene
Concen: 0.102 ng
RT: 10.914 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:	225	Resp:	7410
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3

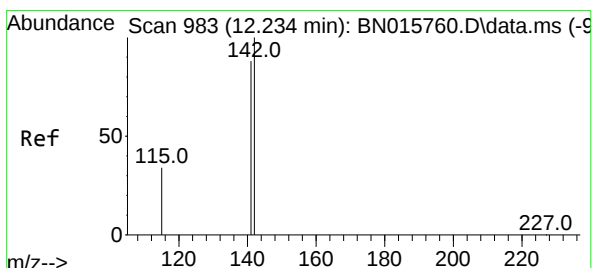
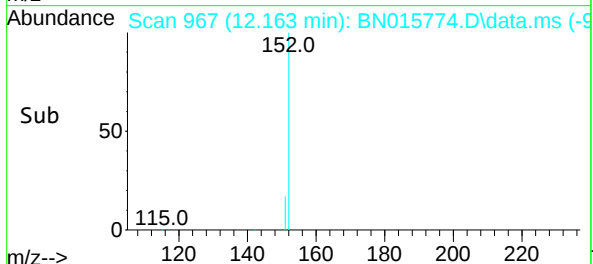
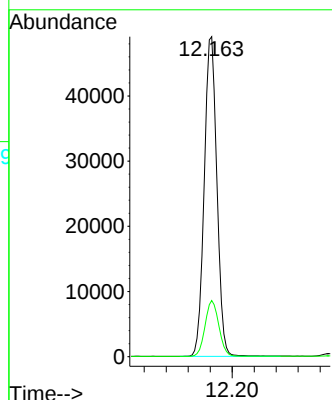
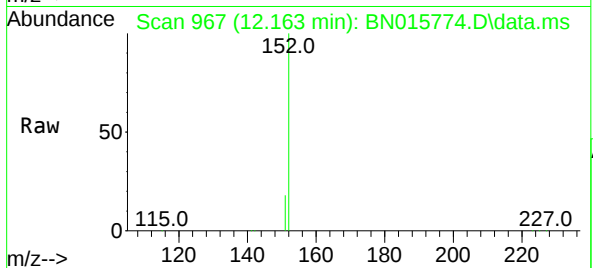




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.163 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

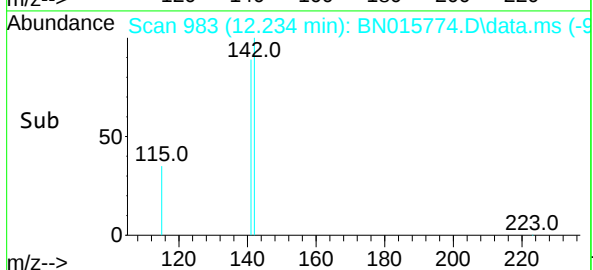
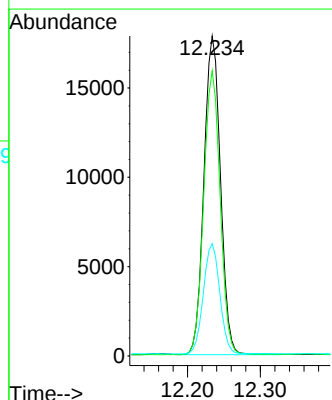
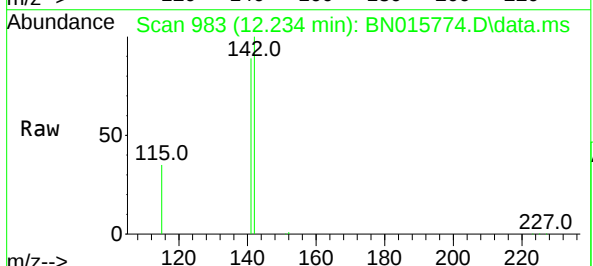
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

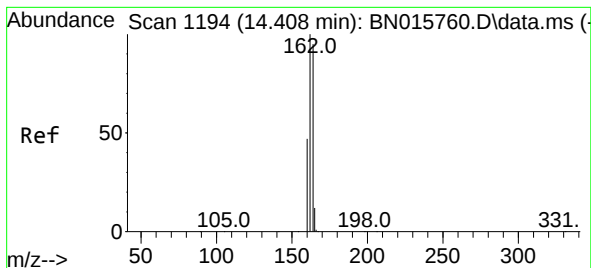
Tgt Ion:152 Resp: 78230
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.234 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:142 Resp: 28180
Ion Ratio Lower Upper
142 100
141 89.1 70.5 105.7
115 35.1 27.4 41.0

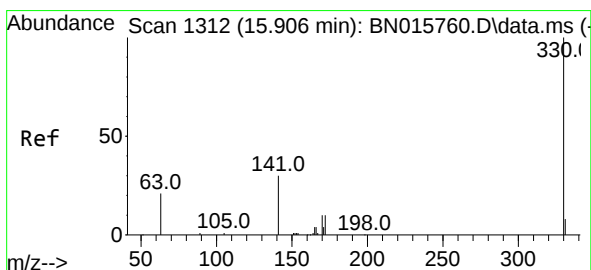
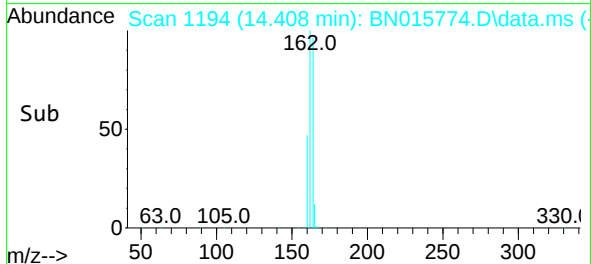
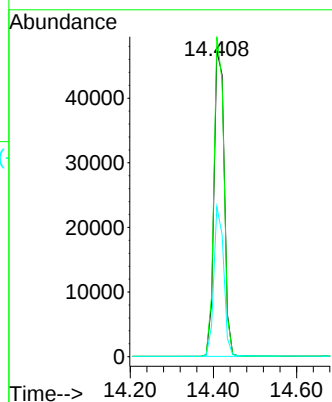
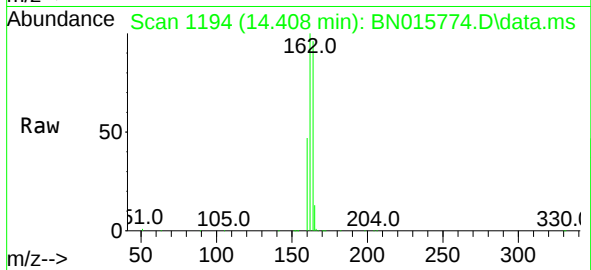




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

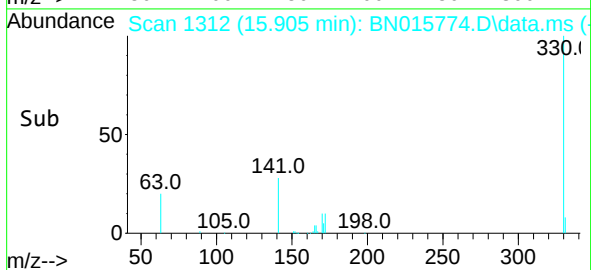
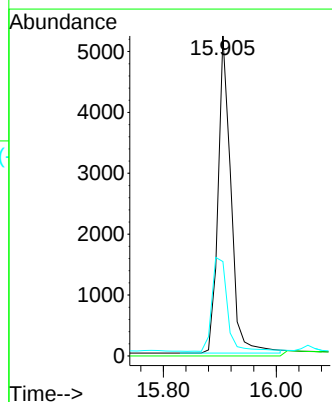
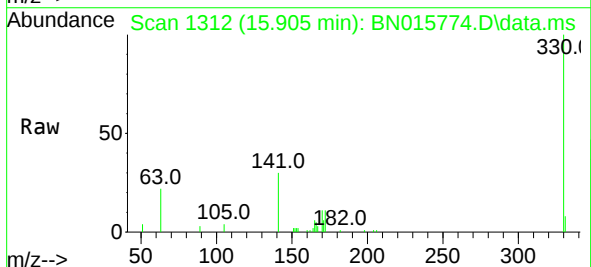
Instrument :
BNA_N
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LOD-MDL-SOIL-01-QT3-2021

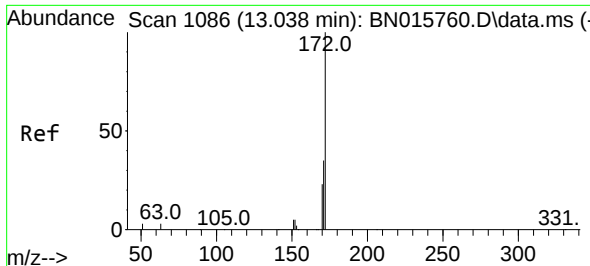
Tgt Ion:164 Resp: 81142
Ion Ratio Lower Upper
164 100
162 104.5 84.2 126.2
160 48.9 39.8 59.6



#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.905 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:330 Resp: 8225
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 28.2 42.2

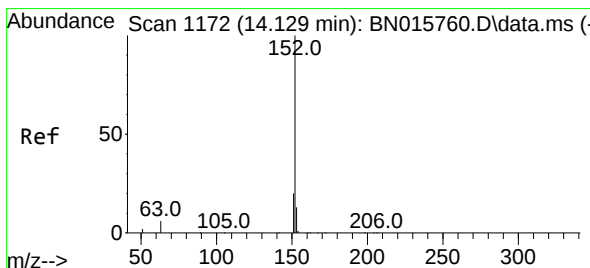
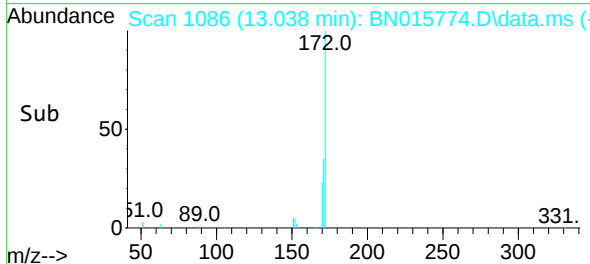
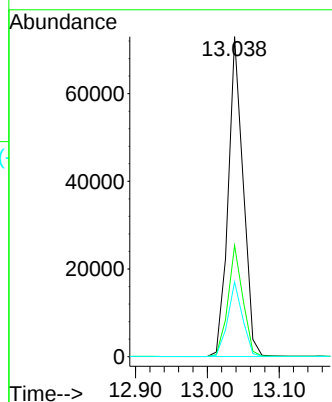
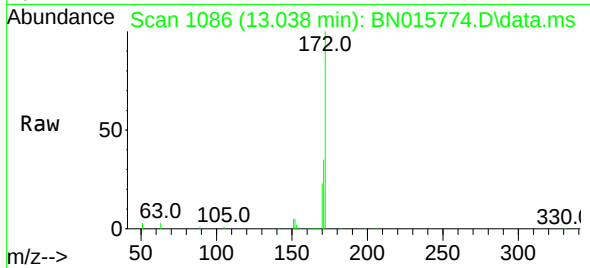




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

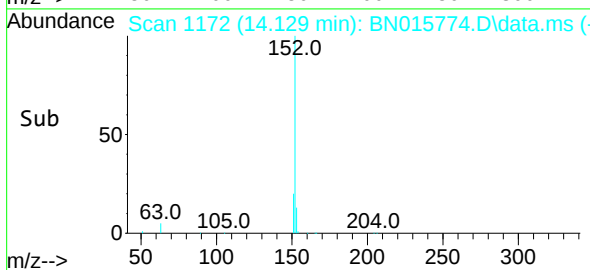
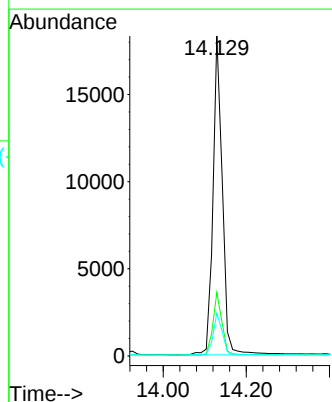
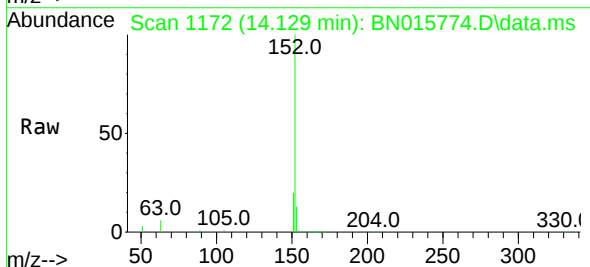
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

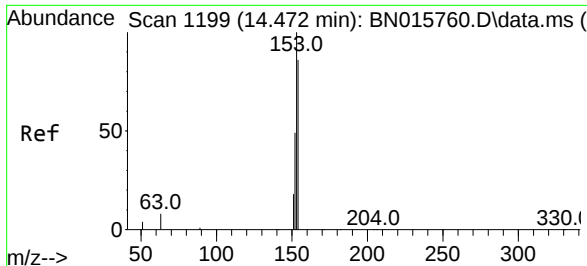
Tgt Ion:172 Resp: 105432
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:152 Resp: 28560
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.5 15.7

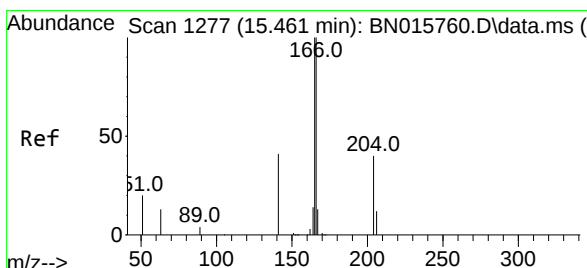
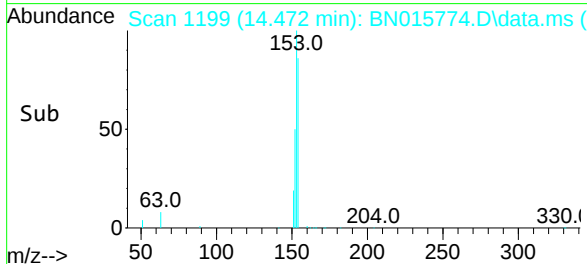
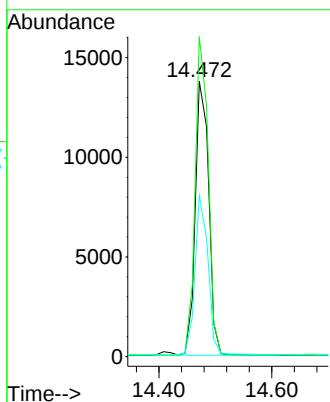
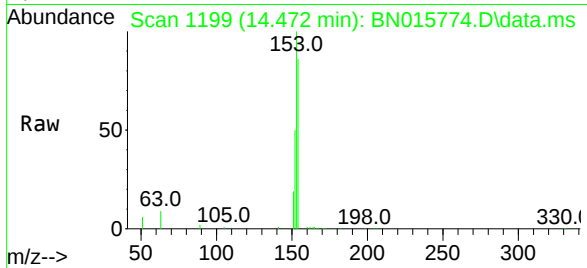




#17
Acenaphthene
Concen: 0.097 ng
RT: 14.472 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

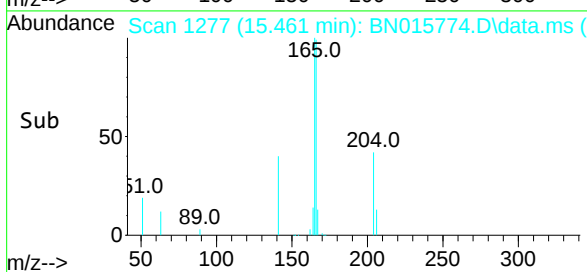
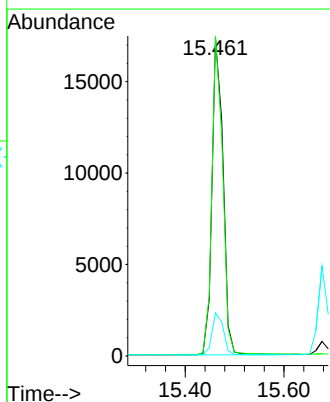
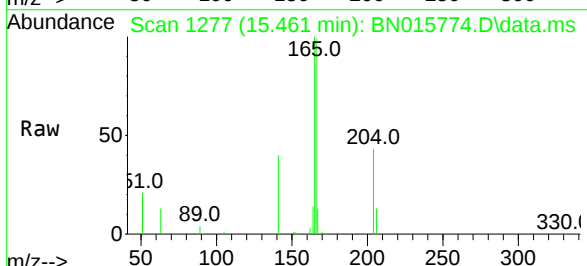
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

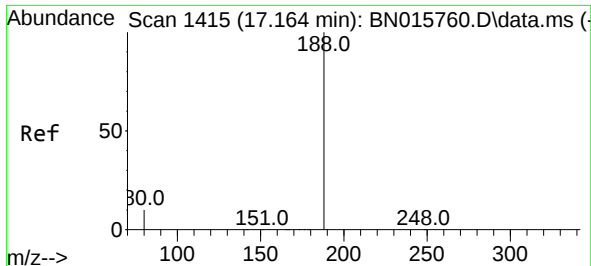
Tgt Ion:154 Resp: 22713
Ion Ratio Lower Upper
154 100
153 113.9 90.5 135.7
152 56.3 44.4 66.6



#18
Fluorene
Concen: 0.096 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:166 Resp: 26857
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.6 10.7 16.1

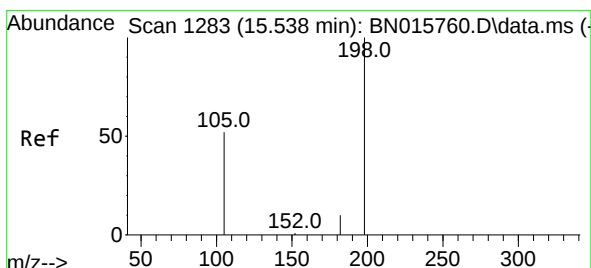
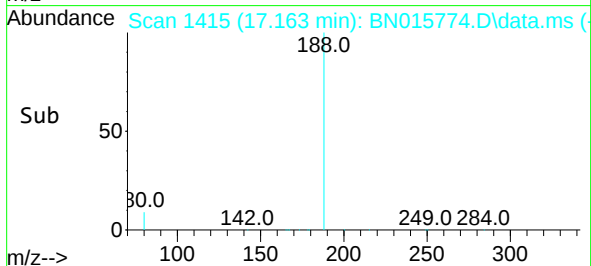
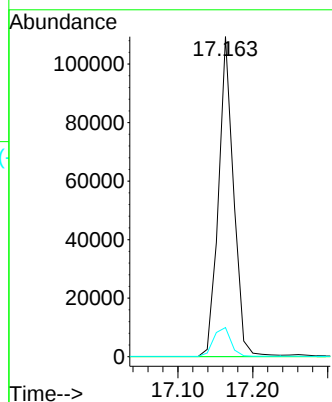
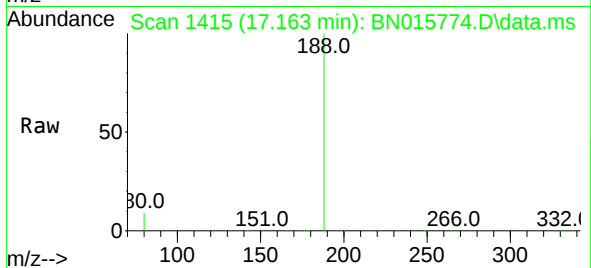




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

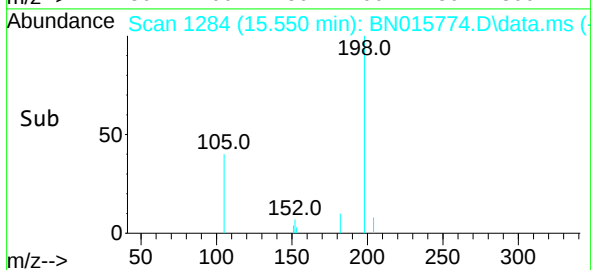
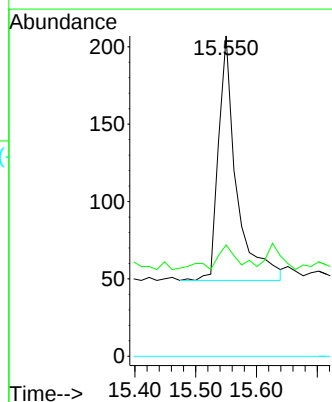
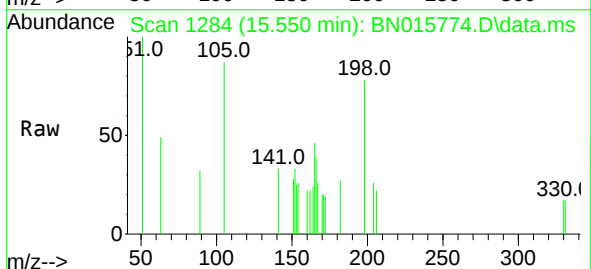
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

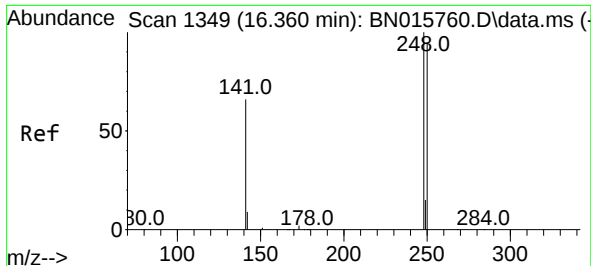
Tgt Ion:188 Resp: 153240
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.7 11.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.035 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:198 Resp: 324
Ion Ratio Lower Upper
198 100
182 34.8 11.1 16.7#
77 0.0 0.0 0.0

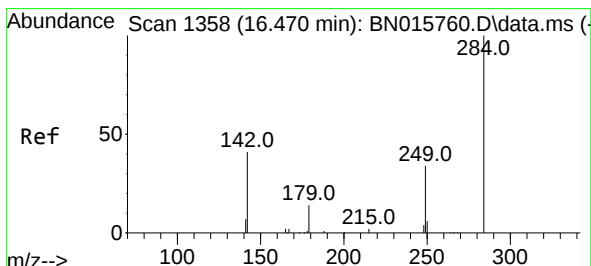
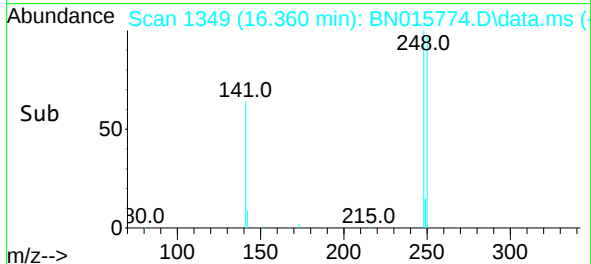
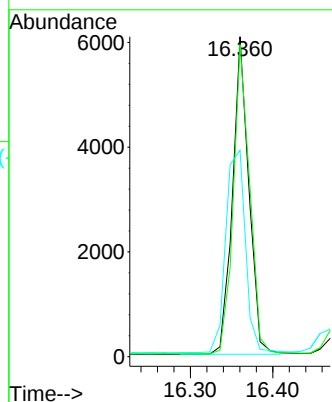
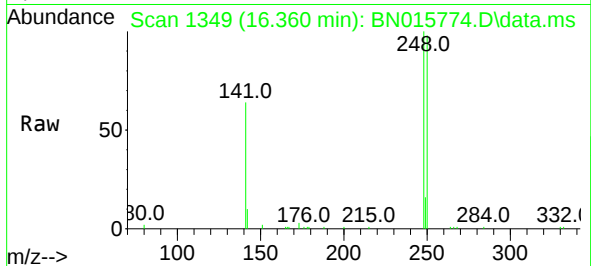




#21
4-Bromophenyl-phenylether
Concen: 0.093 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

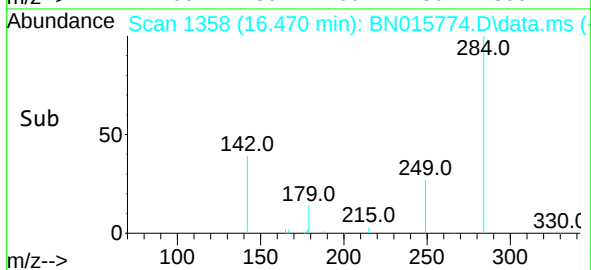
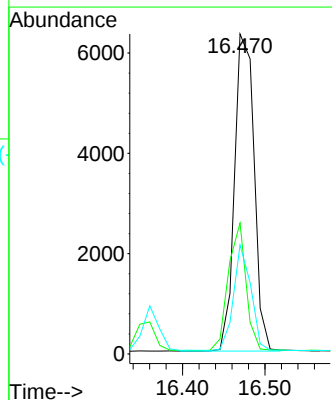
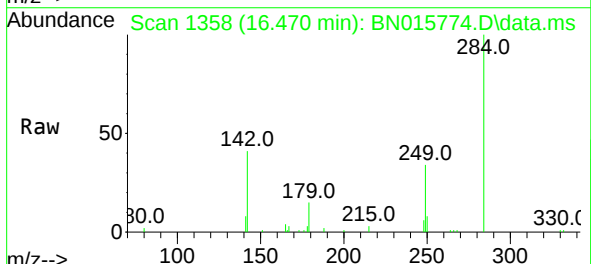
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

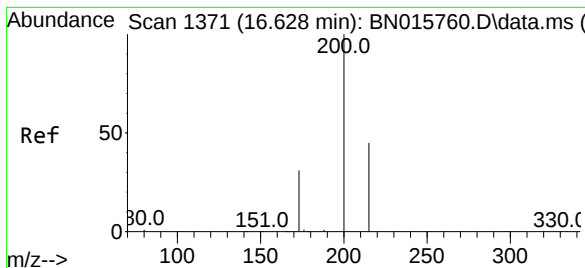
Tgt Ion:	248	Resp:	8366
Ion Ratio	Lower	Upper	
248	100		
250	97.5	75.8	113.6
141	64.5	52.8	79.2



#22
Hexachlorobenzene
Concen: 0.101 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:	284	Resp:	10403
Ion Ratio	Lower	Upper	
284	100		
142	36.4	29.4	44.2
249	29.2	23.8	35.6

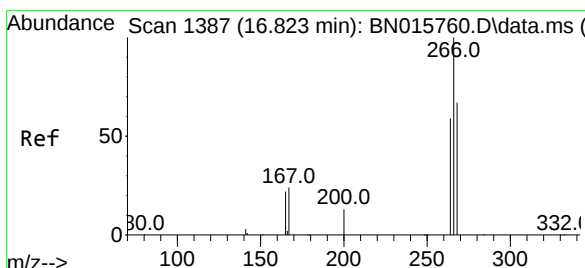
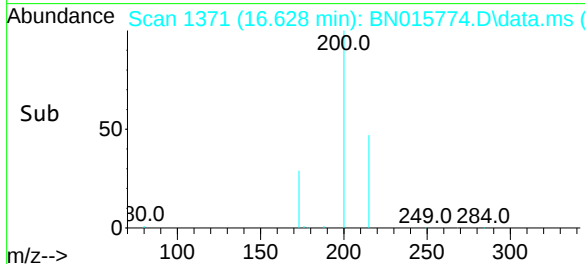
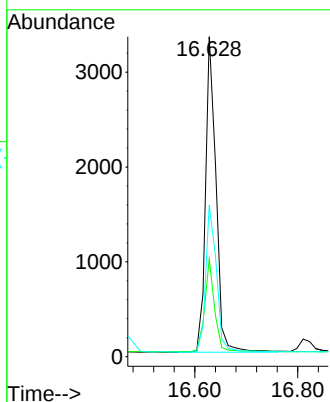
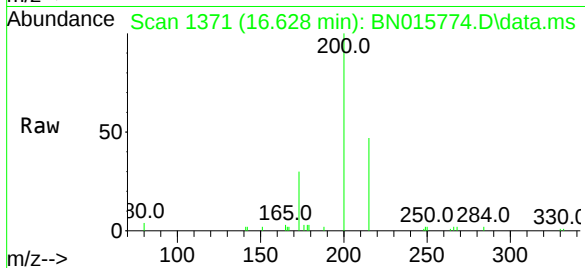




#23
Atrazine
Concen: 0.085 ng
RT: 16.628 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

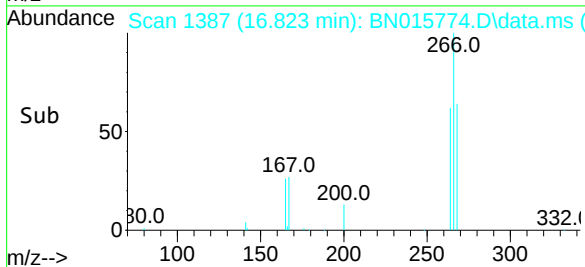
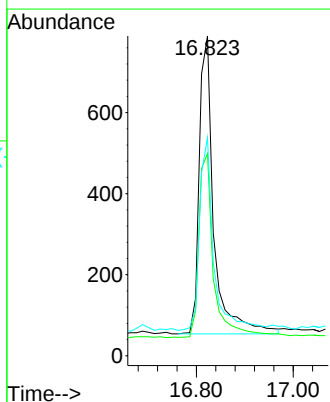
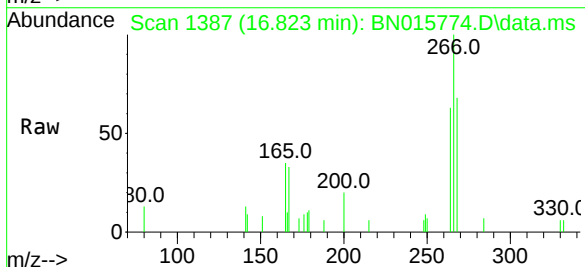
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

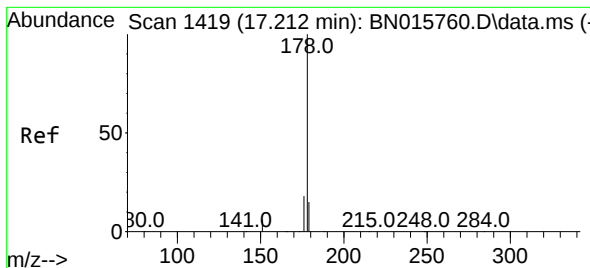
Tgt Ion:200 Resp: 4702
Ion Ratio Lower Upper
200 100
173 30.5 25.0 37.6
215 47.3 36.3 54.5



#24
Pentachlorophenol
Concen: 0.048 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:266 Resp: 1536
Ion Ratio Lower Upper
266 100
264 62.1 49.7 74.5
268 62.9 51.8 77.6





#25

Phenanthrene

Concen: 0.098 ng

RT: 17.200 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

Tgt Ion:178 Resp: 44636

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

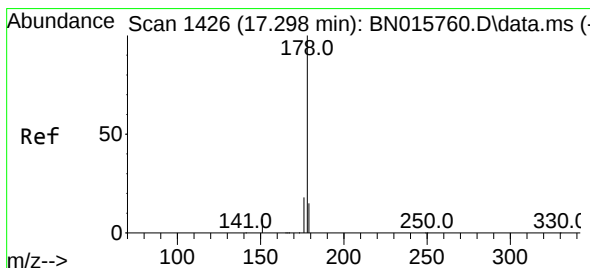
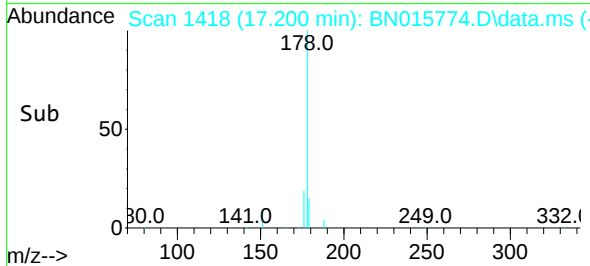
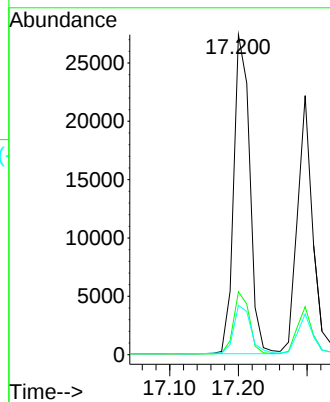
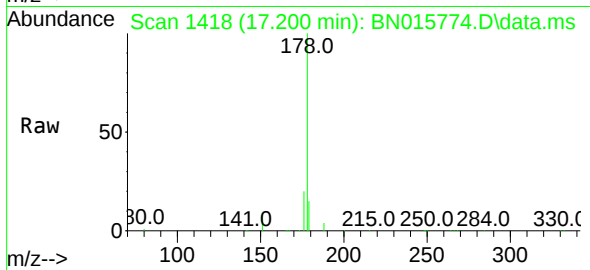
179 16.3 12.2 18.4

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#26

Anthracene

Concen: 0.090 ng

RT: 17.297 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

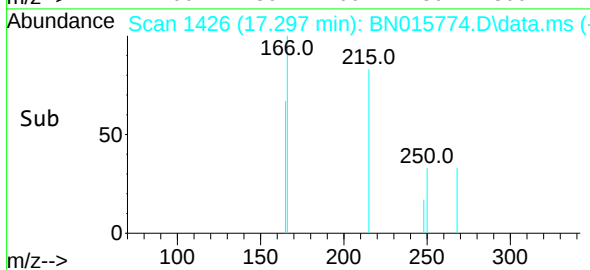
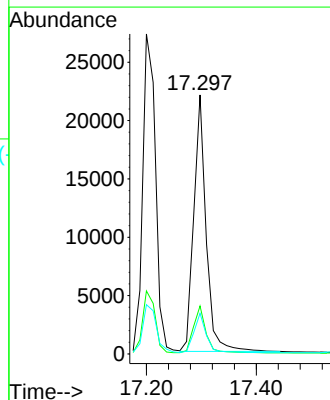
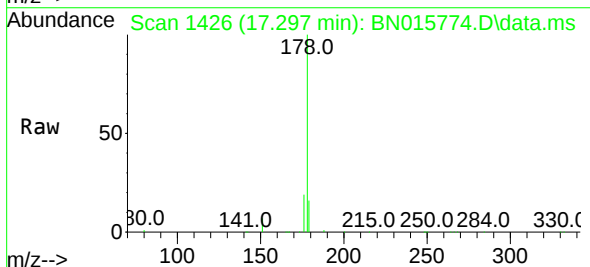
Tgt Ion:178 Resp: 34415

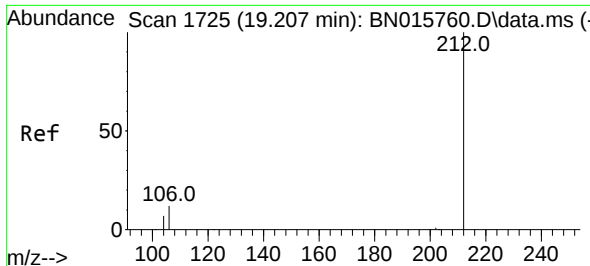
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.4 12.2 18.4

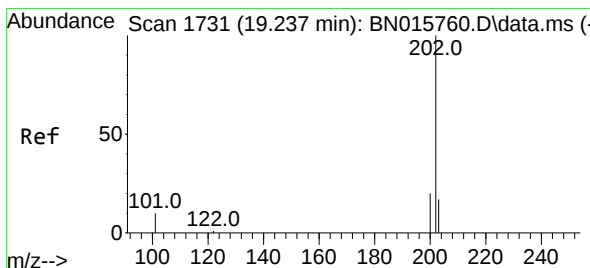
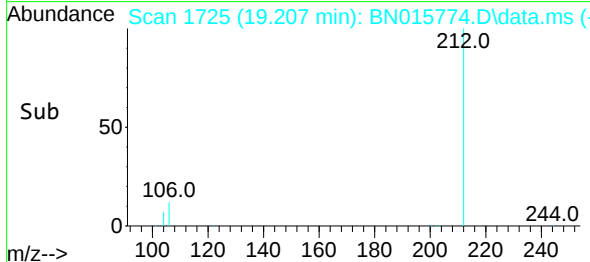
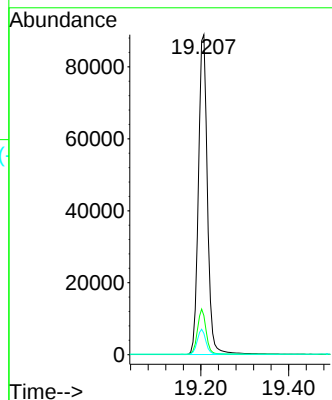
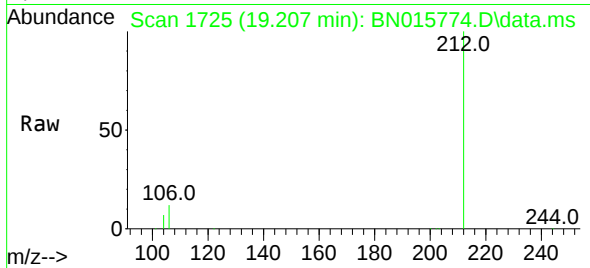




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.207 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

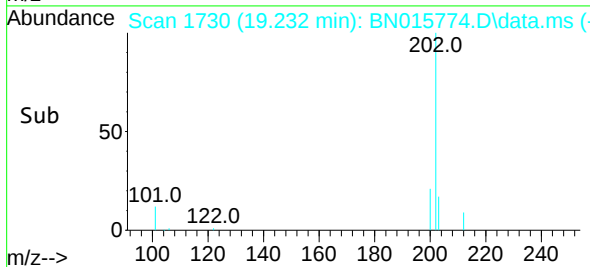
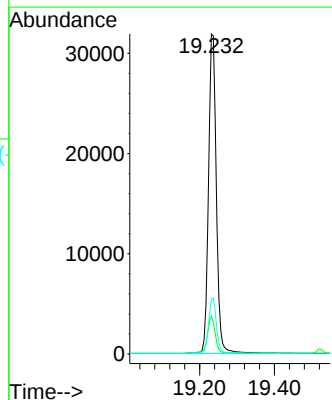
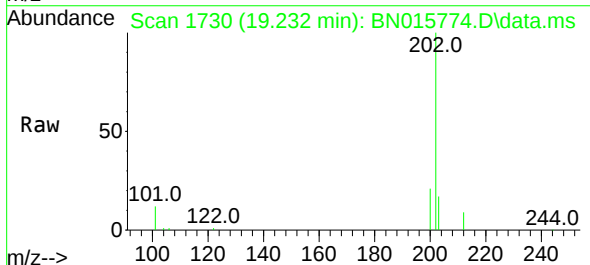
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

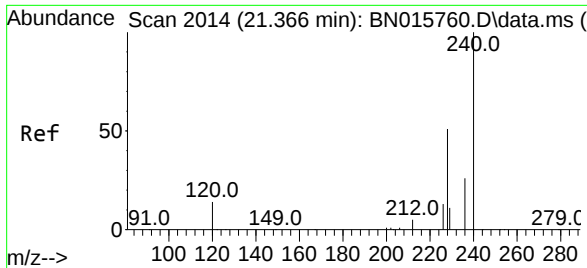
Tgt Ion:212 Resp: 126298
Ion Ratio Lower Upper
212 100
106 13.7 10.8 16.2
104 7.6 6.0 9.0



#28
Fluoranthene
Concen: 0.097 ng
RT: 19.232 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:202 Resp: 46237
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
203 17.1 13.8 20.8

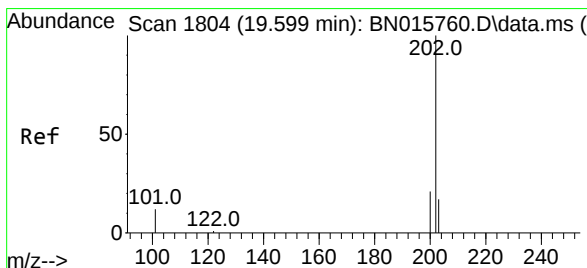
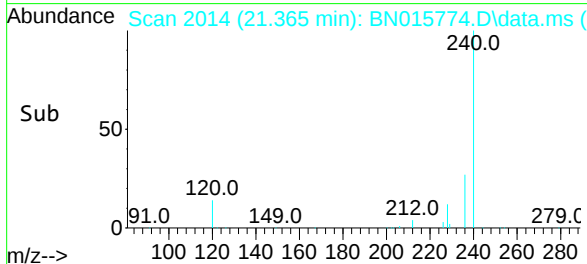
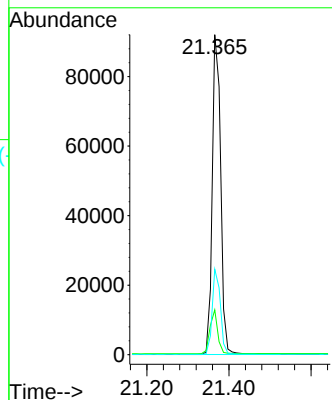
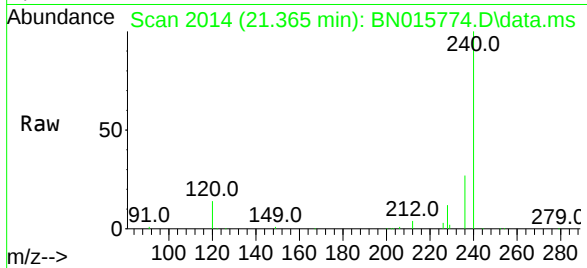




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

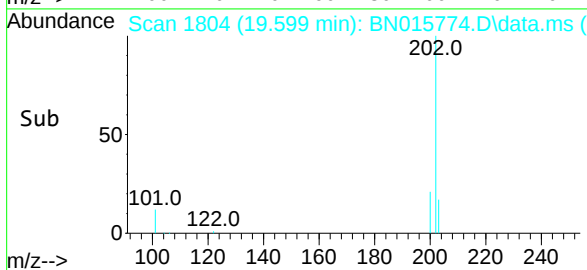
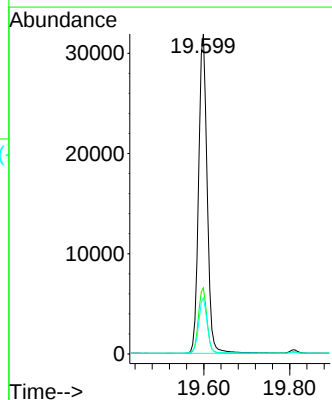
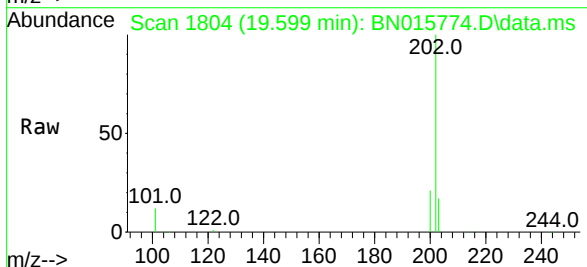
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

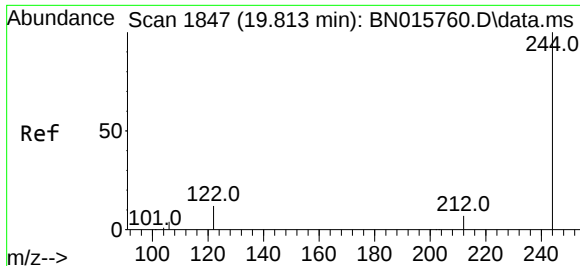
Tgt Ion:240 Resp: 131177
Ion Ratio Lower Upper
240 100
120 14.0 11.4 17.0
236 26.7 21.2 31.8



#30
Pyrene
Concen: 0.101 ng
RT: 19.599 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:202 Resp: 44083
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 17.5 13.9 20.9

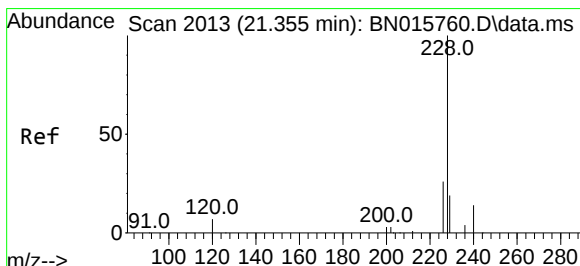
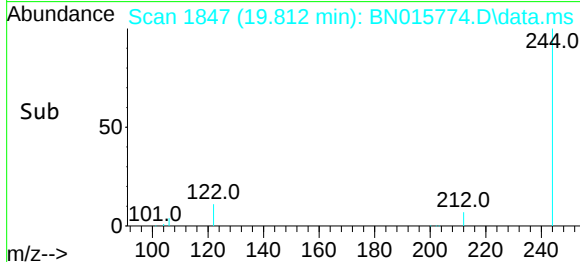
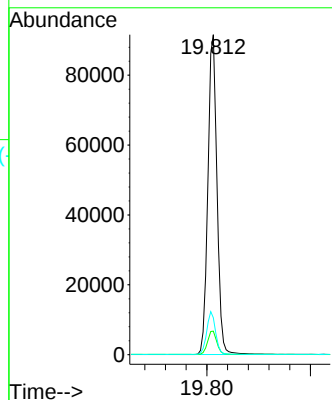
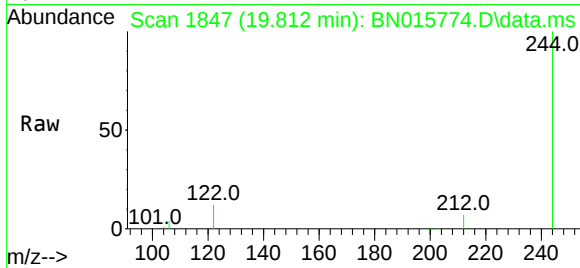




#31
Terphenyl-d14
Concen: 0.345 ng
RT: 19.812 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

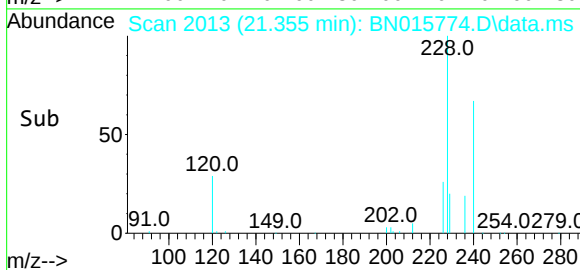
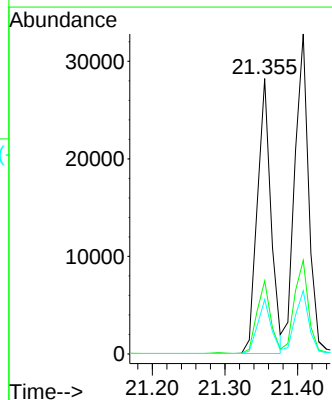
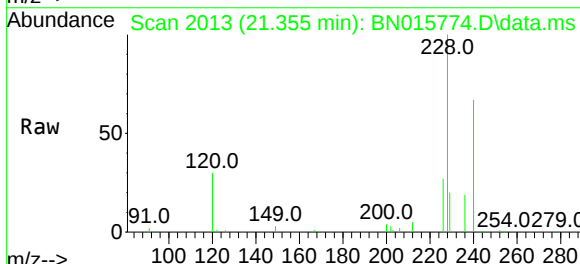
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

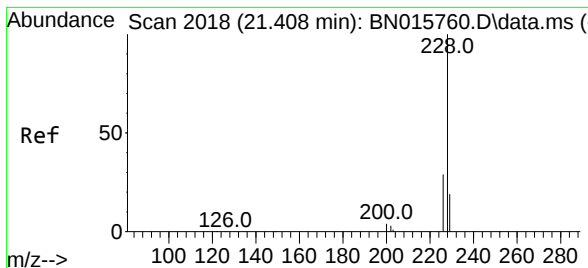
Tgt Ion:244 Resp: 111995
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.5 9.7 14.5



#32
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:228 Resp: 36545
Ion Ratio Lower Upper
228 100
226 26.6 21.2 31.8
229 19.8 15.6 23.4





#33

Chrysene

Concen: 0.101 ng

RT: 21.408 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

Tgt Ion:228 Resp: 43762

Ion Ratio Lower Upper

228 100

226 29.2 23.3 34.9

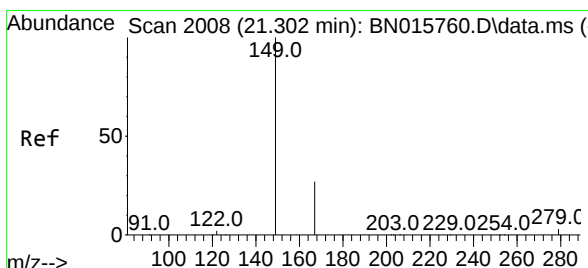
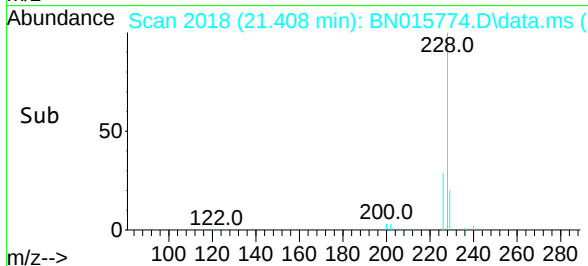
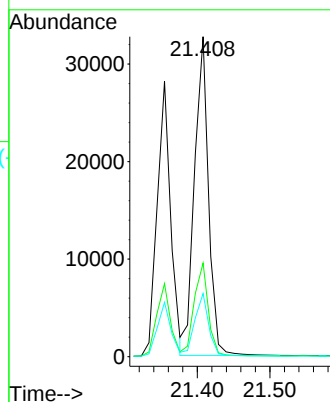
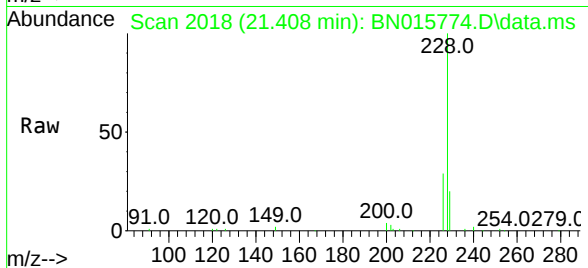
229 19.7 15.7 23.5

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.302 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

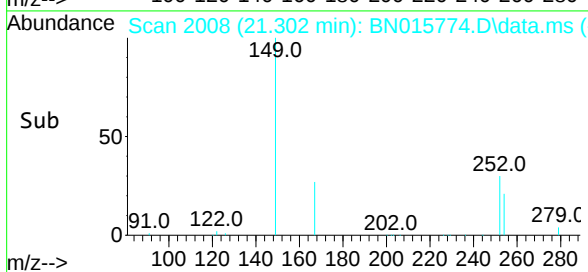
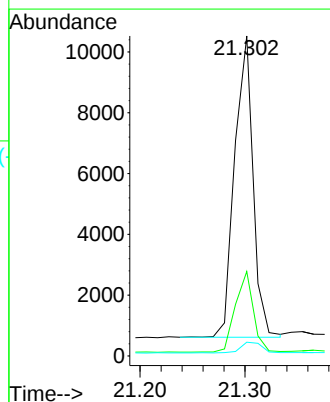
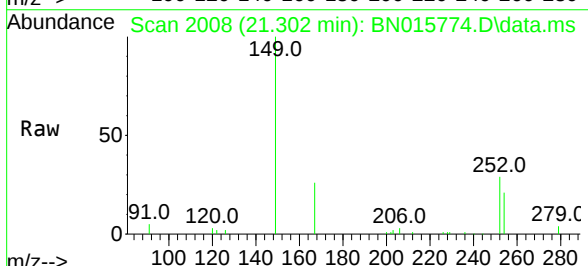
Tgt Ion:149 Resp: 12061

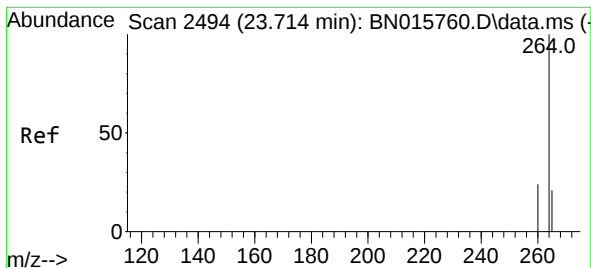
Ion Ratio Lower Upper

149 100

167 26.2 21.2 31.8

279 4.1 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: BN015774.D

Acq: 03 Aug 2021 18:29

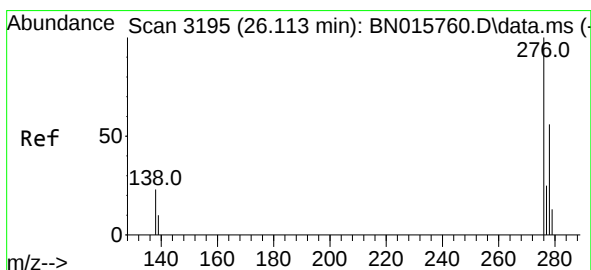
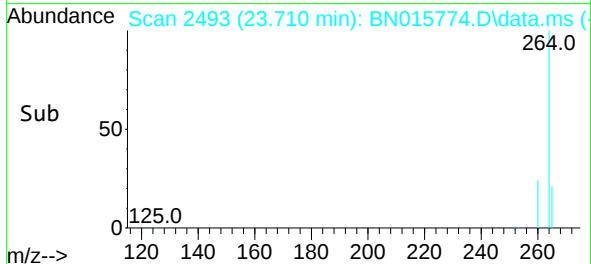
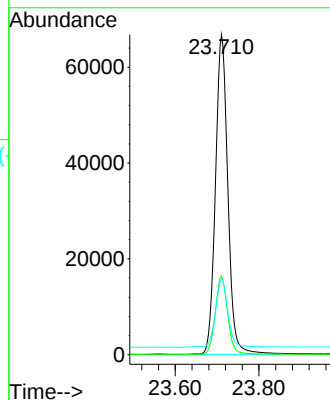
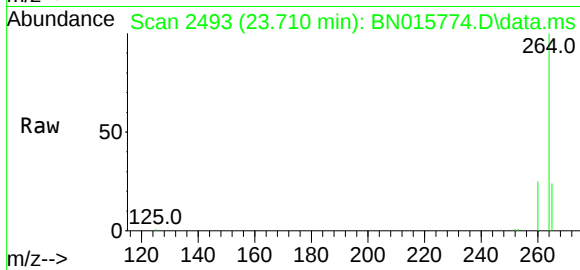
Tgt Ion:264 Resp: 136994

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 23.6 19.2 28.8



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.091 ng

RT: 26.110 min Scan# 3194

Delta R.T. -0.004 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

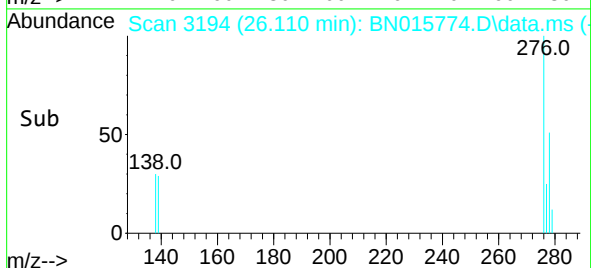
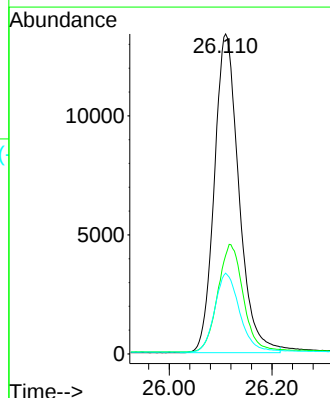
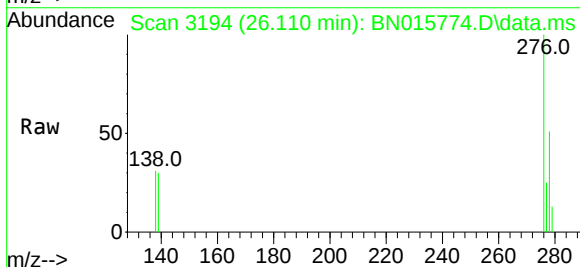
Tgt Ion:276 Resp: 44394

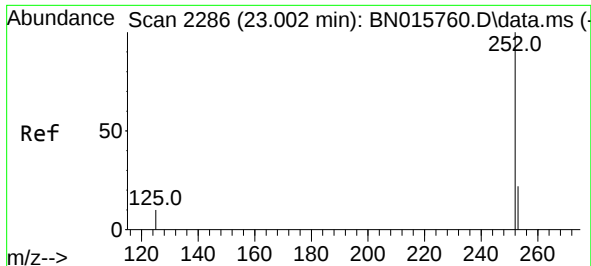
Ion Ratio Lower Upper

276 100

138 34.9 19.6 29.4#

277 25.1 20.0 30.0

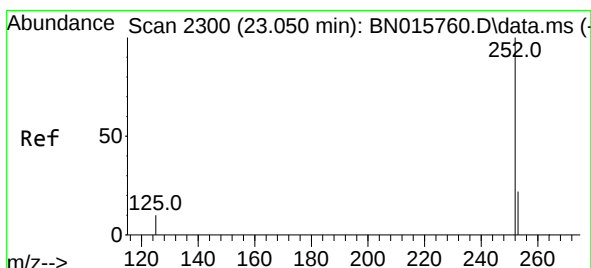
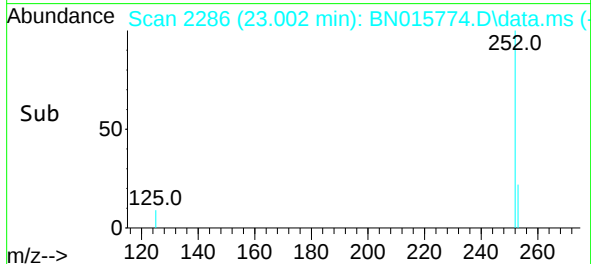
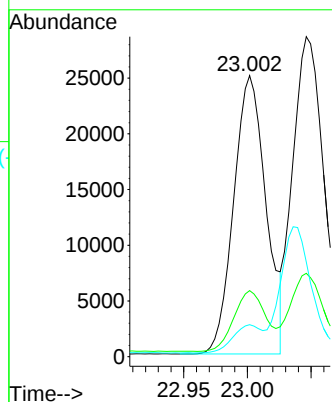
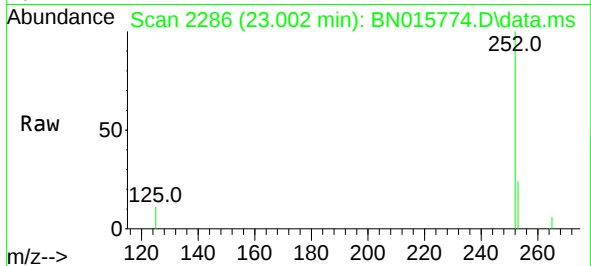




#37
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.002 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

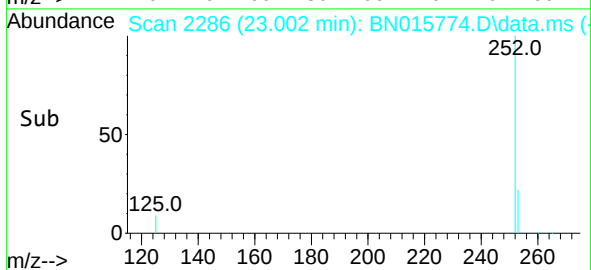
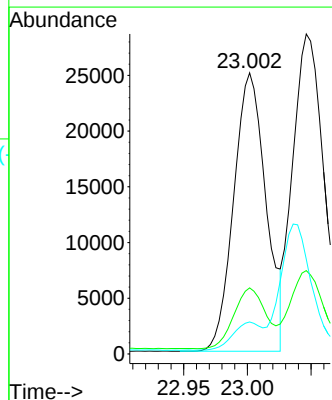
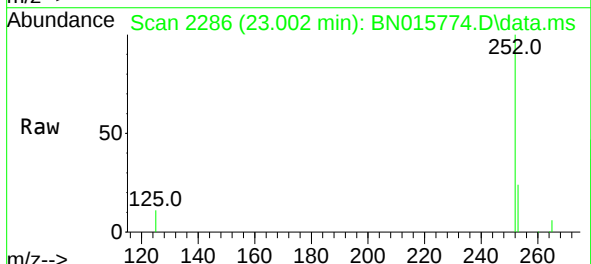
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

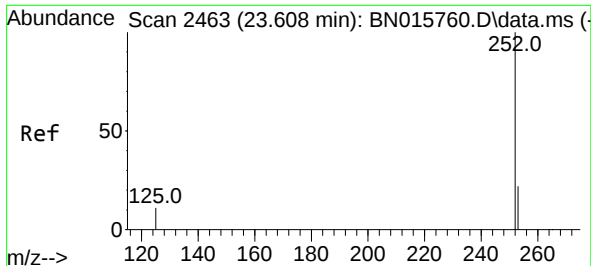
Tgt Ion:252 Resp: 44029
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 11.4 8.2 12.4



#38
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 23.002 min Scan# 2286
Delta R.T. -0.048 min
Lab File: BN015774.D
Acq: 03 Aug 2021 18:29

Tgt Ion:252 Resp: 44029
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 11.4 8.3 12.5





#39

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.604 min Scan# 2462

Delta R.T. -0.004 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

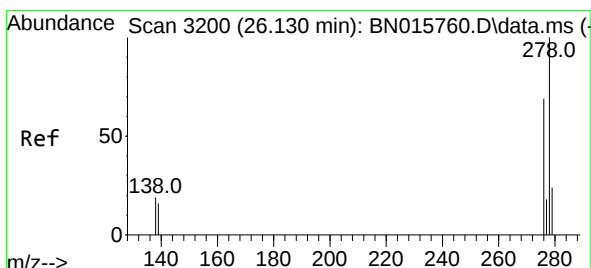
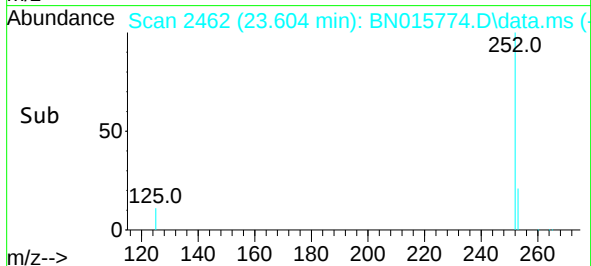
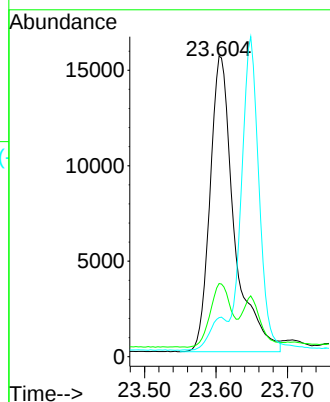
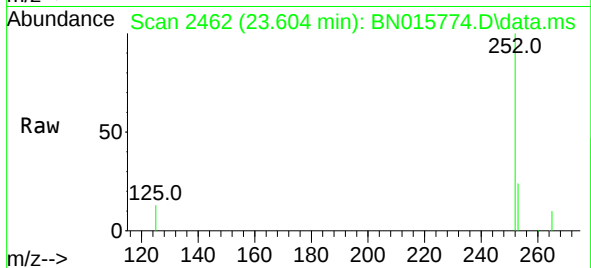
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:252	Resp:	36366
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.8 26.8
125	13.0	9.0 13.6



#40

Dibenzo(a,h)anthracene

Concen: 0.090 ng

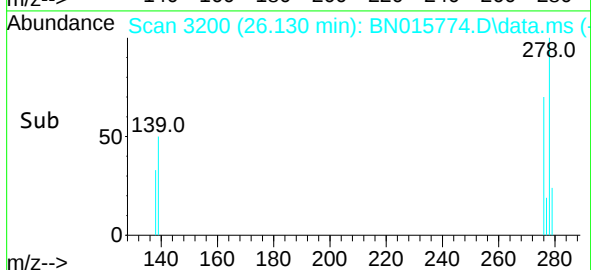
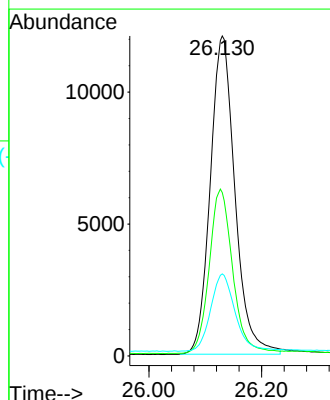
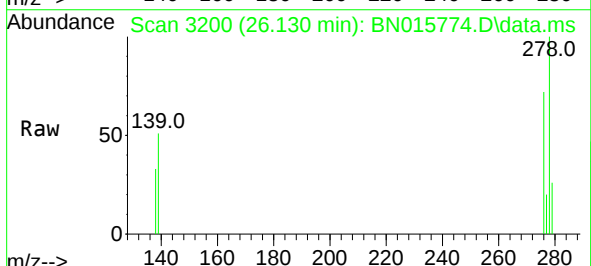
RT: 26.130 min Scan# 3200

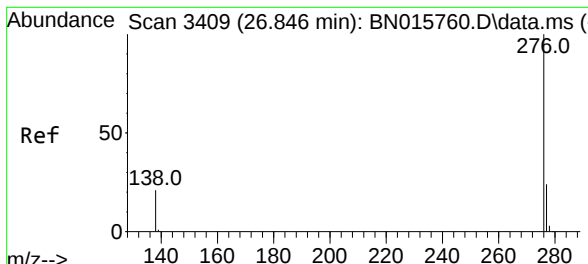
Delta R.T. -0.000 min

Lab File: BN015774.D

Acq: 03 Aug 2021 18:29

Tgt Ion:278	Resp:	36724
Ion Ratio	Lower	Upper
278	100	
139	51.0	13.1 19.7#
279	25.7	19.1 28.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.091 ng
 RT: 26.835 min Scan# 3406
 Delta R.T. -0.010 min
 Lab File: BN015774.D
 Acq: 03 Aug 2021 18:29

Instrument :
 BNA_N
ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:	276	Resp:	38708
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.0	28.6
138	22.5	16.6	24.8

