

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
 Data File : BN017493.D
 Acq On : 17 Nov 2021 12:13
 Operator : CG/JU
 Sample : M4068-01
 Misc : LOD-MDL-SOIL 0.1ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 17 13:15:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

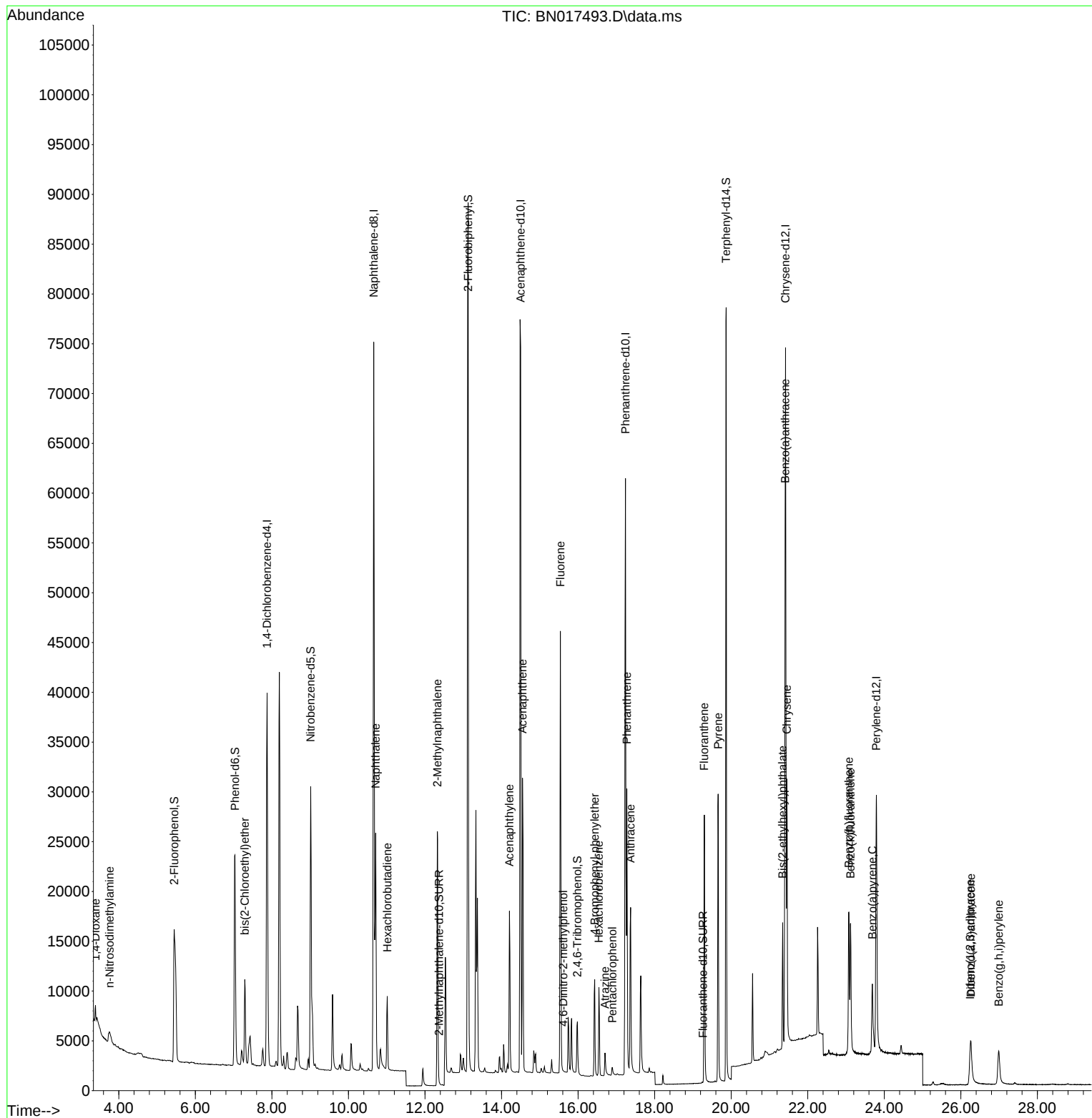
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	23835	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	103101	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	52198	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	90667	0.400	ng	0.00
29) Chrysene-d12	21.419	240	64319	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	41951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	25480	0.449	ng	0.00
5) Phenol-d6	7.035	99	27500	0.450	ng	0.00
8) Nitrobenzene-d5	9.013	82	25653	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.368	152	5	0.000	ng	0.12
14) 2,4,6-Tribromophenol	15.982	330	4810	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	91600	0.465	ng	0.00
27) Fluoranthene-d10	19.262	212	60	0.000	ng	0.00
31) Terphenyl-d14	19.868	244	83829	0.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	921	0.088	ng	# 78
3) n-Nitrosodimethylamine	3.761	42	1736	0.087	ng	# 84
6) bis(2-Chloroethyl)ether	7.293	93	8266	0.126	ng	93
9) Naphthalene	10.712	128	31533	0.122	ng	100
10) Hexachlorobutadiene	11.016	225	6419	0.119	ng	# 100
12) 2-Methylnaphthalene	12.324	142	19633	0.120	ng	97
16) Acenaphthylene	14.206	152	19983	0.103	ng	100
17) Acenaphthene	14.549	154	16238	0.115	ng	99
18) Fluorene	15.538	166	18610	0.115	ng	100
20) 4,6-Dinitro-2-methylph...	15.614	198	68	0.113	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	5581	0.109	ng	# 71
22) Hexachlorobenzene	16.544	284	6852	0.118	ng	97
23) Atrazine	16.702	200	2847	0.097	ng	# 94
24) Pentachlorophenol	16.897	266	647	0.132	ng	99
25) Phenanthrene	17.274	178	29144	0.117	ng	100
26) Anthracene	17.371	178	22371	0.108	ng	100
28) Fluoranthene	19.297	202	28419	0.106	ng	100
30) Pyrene	19.659	202	29531	0.128	ng	100
32) Benzo(a)anthracene	21.409	228	21509	0.108	ng	99
33) Chrysene	21.451	228	24528	0.120	ng	98
34) Bis(2-ethylhexyl)phtha...	21.345	149	10696	0.103	ng	99
36) Indeno(1,2,3-cd)pyrene	26.248	276	7549	0.078	ng	97
37) Benzo(b)fluoranthene	23.071	252	19250	0.122	ng	# 88
38) Benzo(k)fluoranthene	23.119	252	17478	0.121	ng	# 88
39) Benzo(a)pyrene	23.687	252	12982	0.106	ng	# 83
40) Dibenzo(a,h)anthracene	26.265	278	5072	0.069	ng	# 71
41) Benzo(g,h,i)perylene	26.990	276	9336	0.103	ng	93

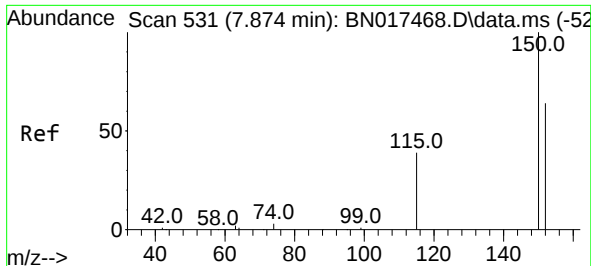
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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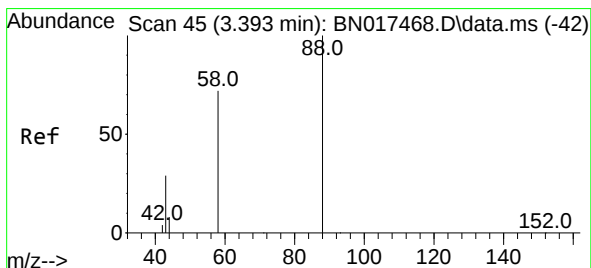
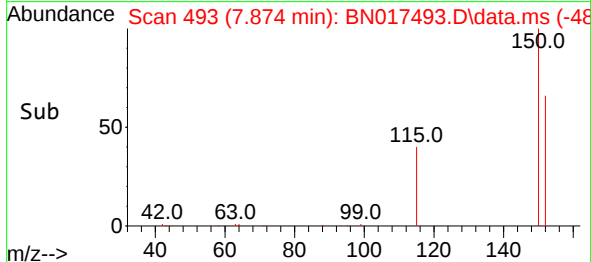
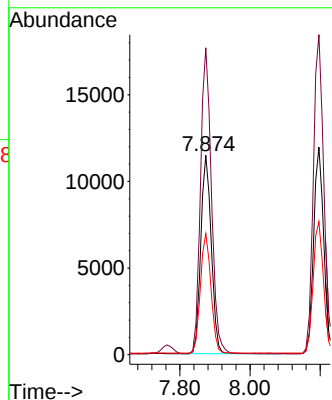
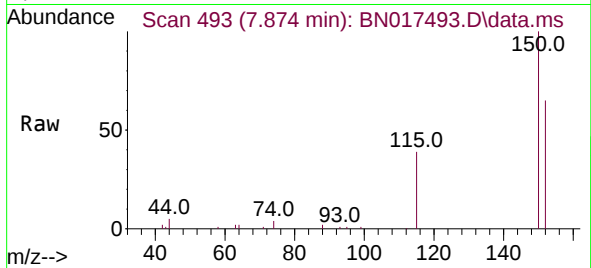




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.874 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN017493.D
 Acq: 17 Nov 2021 12:13

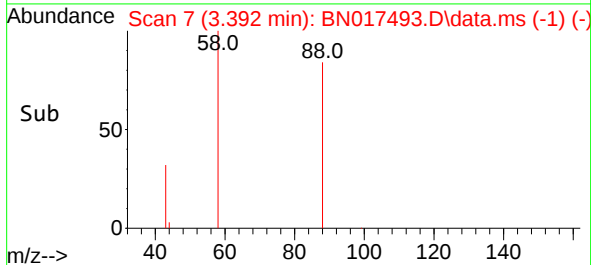
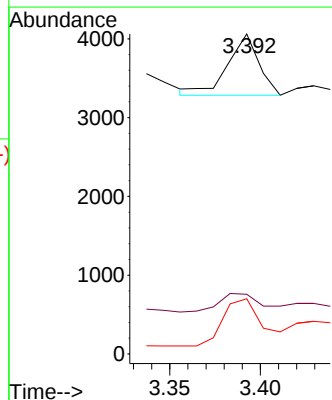
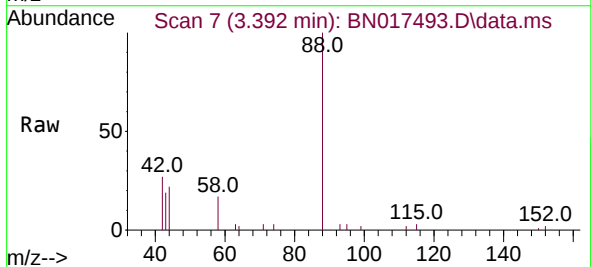
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

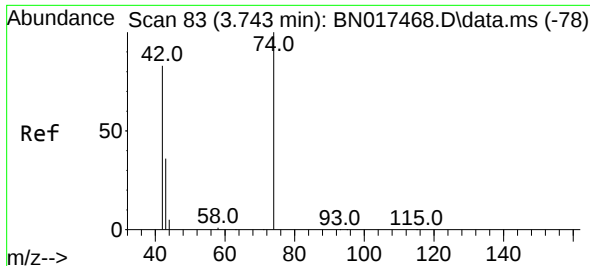
Tgt Ion:152 Resp: 23835
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.0 184.4
 115 60.7 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.088 ng
 RT: 3.392 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BN017493.D
 Acq: 17 Nov 2021 12:13

Tgt Ion: 88 Resp: 921
 Ion Ratio Lower Upper
 88 100
 43 41.2 24.7 37.1#
 58 98.8 63.0 94.6#

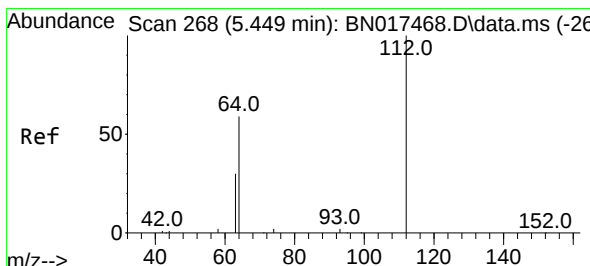
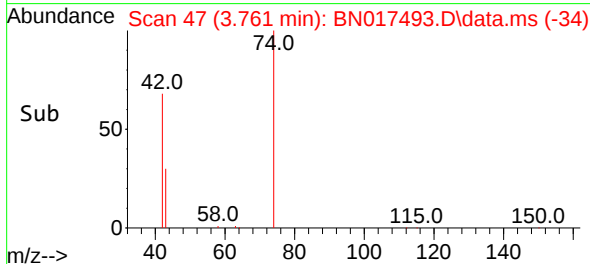
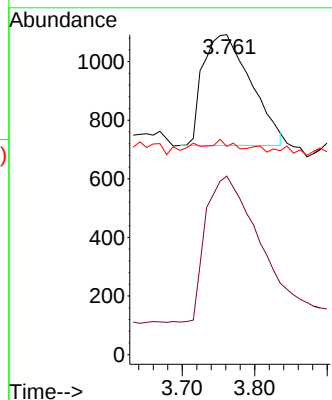
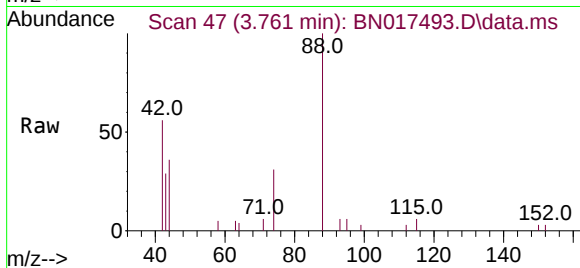




#3
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.761 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

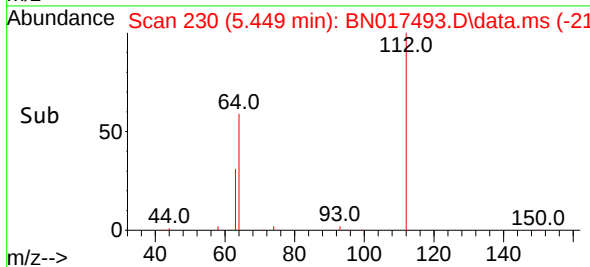
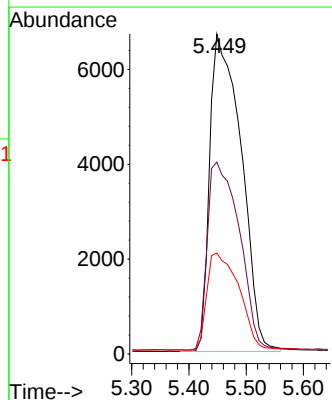
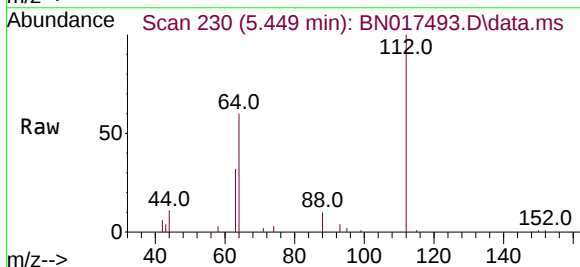
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

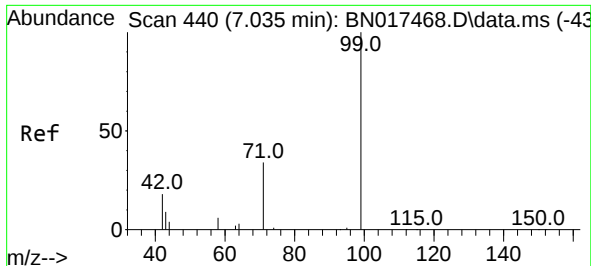
Tgt Ion: 42 Resp: 1736
Ion Ratio Lower Upper
42 100
74 140.8 97.8 146.6
44 2.4 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.449 ng
RT: 5.449 min Scan# 230
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion: 112 Resp: 25480
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 31.2 24.6 37.0

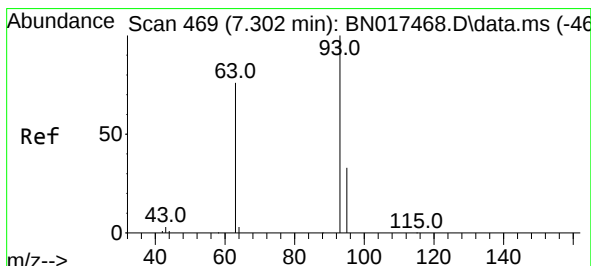
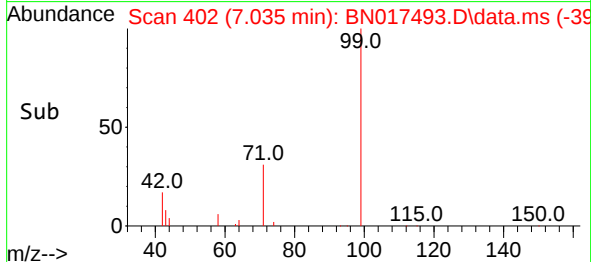
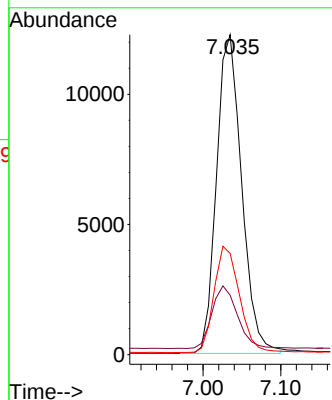
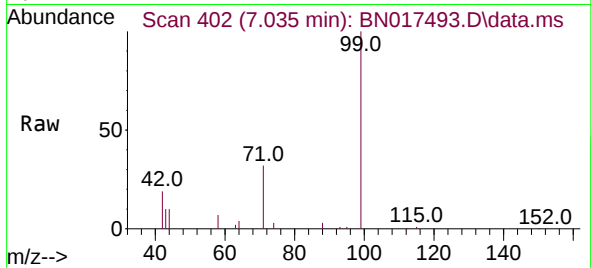




#5
Phenol-d6
Concen: 0.450 ng
RT: 7.035 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

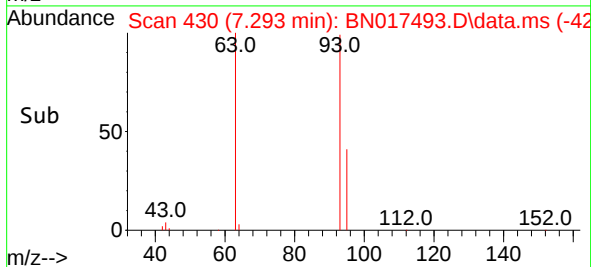
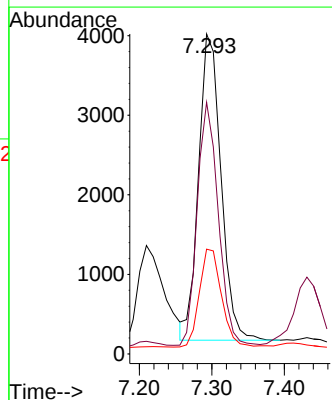
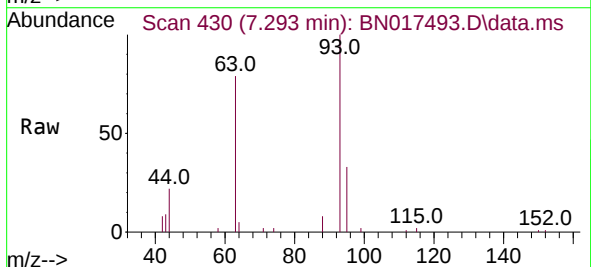
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

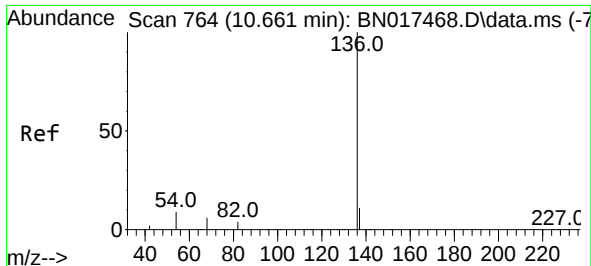
Tgt Ion: 99 Resp: 27500
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 33.7 24.8 37.2



#6
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 7.293 min Scan# 430
Delta R.T. -0.010 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion: 93 Resp: 8266
Ion Ratio Lower Upper
93 100
63 74.6 65.8 98.6
95 31.6 26.6 39.8

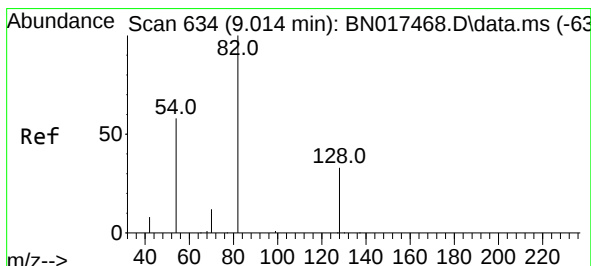
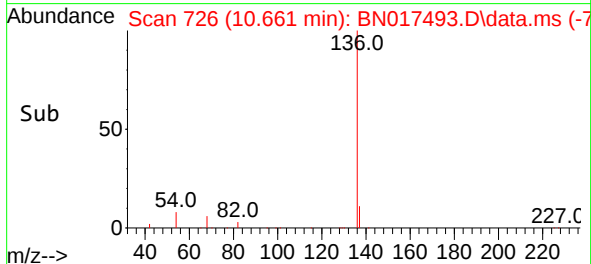
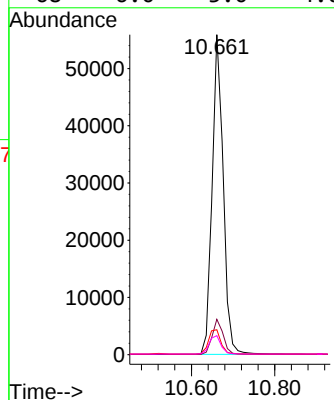
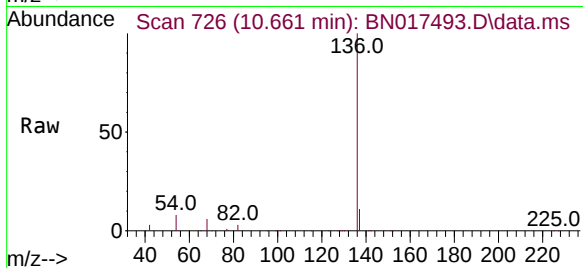




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

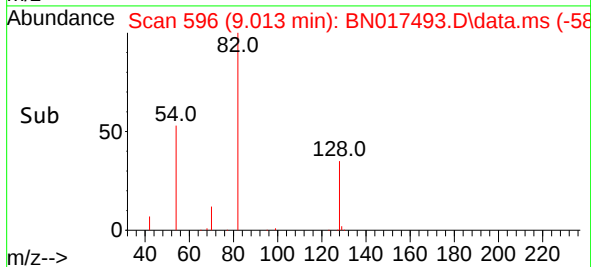
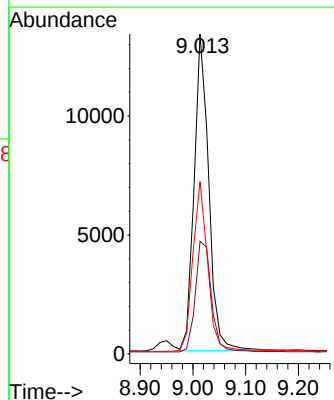
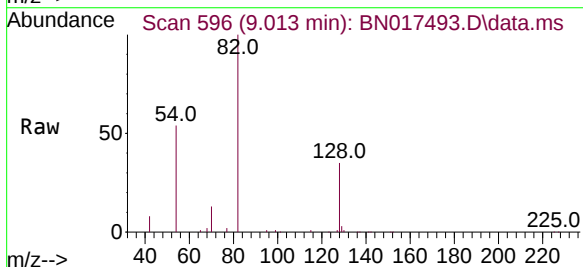
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

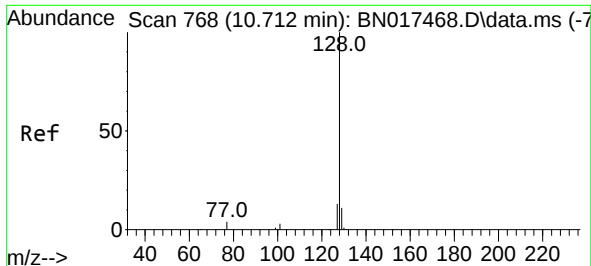
Tgt Ion:136 Resp: 103101
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 4.0 6.0#
68 6.0 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.013 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion: 82 Resp: 25653
Ion Ratio Lower Upper
82 100
128 35.2 27.7 41.5
54 53.9 49.2 73.8

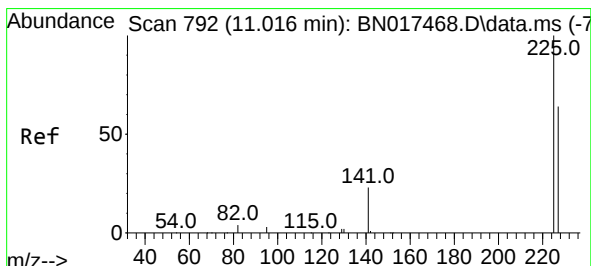
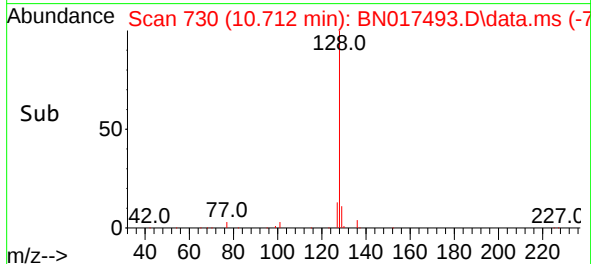
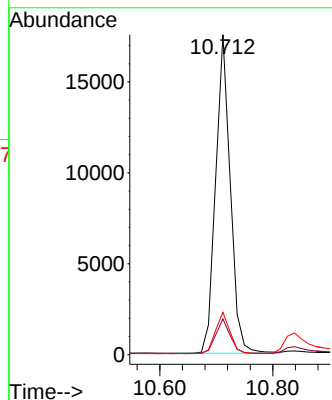
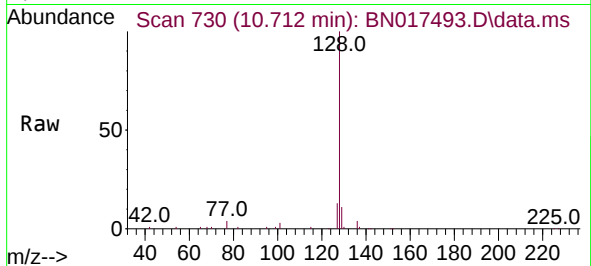




#9
Naphthalene
Concen: 0.122 ng
RT: 10.712 min Scan# 712
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

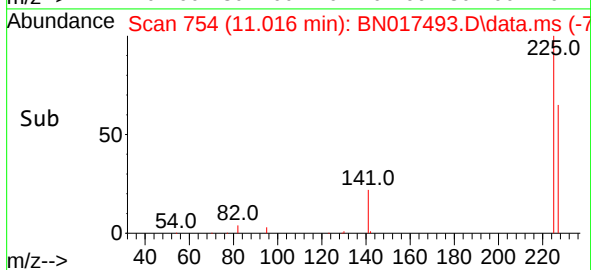
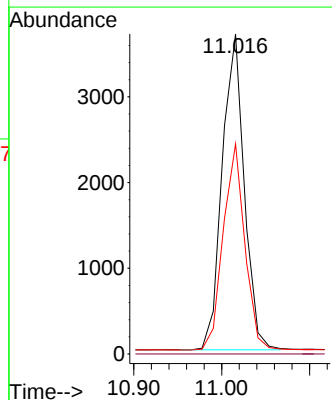
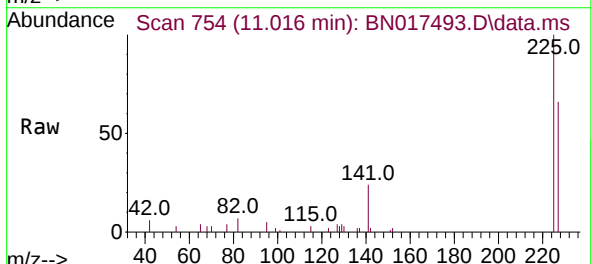
Instrument :
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ClientSampleId :
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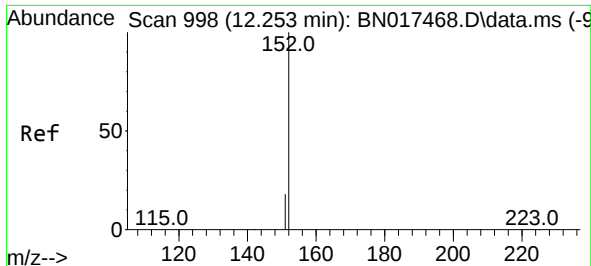
Tgt Ion:128 Resp: 31533
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.119 ng
RT: 11.016 min Scan# 754
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:225 Resp: 6419
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.368 min Scan# 9

Delta R.T. 0.115 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

Instrument :

BNA_N

ClientSampleId :

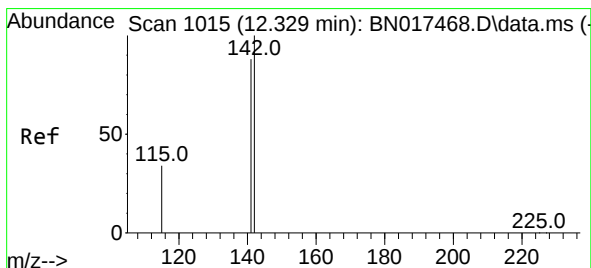
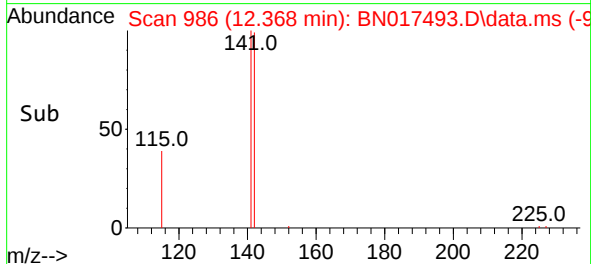
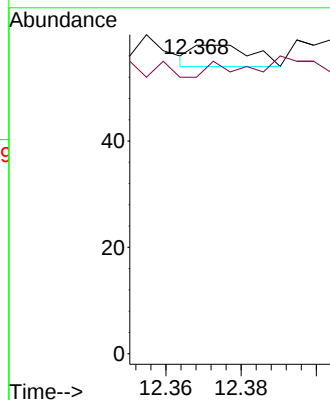
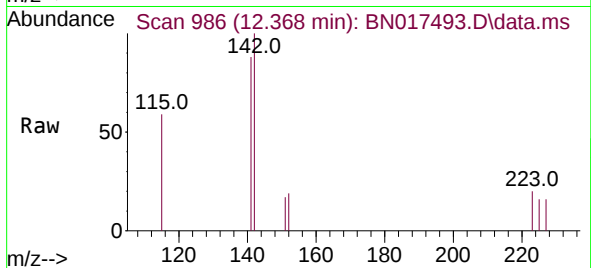
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:152 Resp: 5

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.120 ng

RT: 12.324 min Scan# 976

Delta R.T. -0.005 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

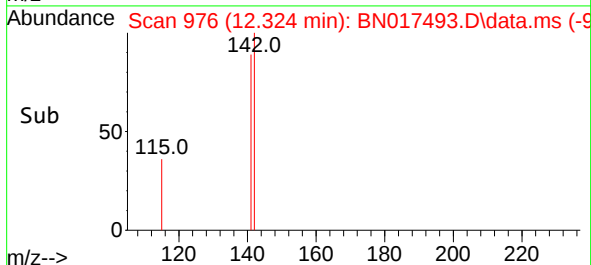
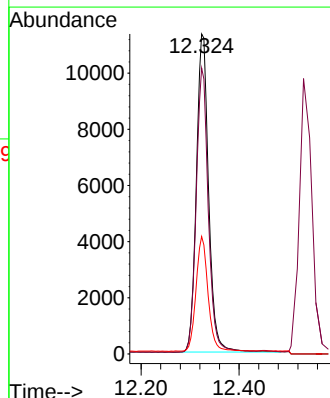
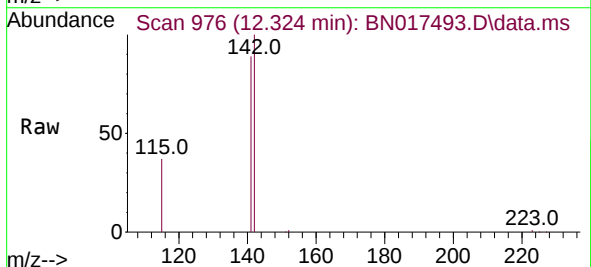
Tgt Ion:142 Resp: 19633

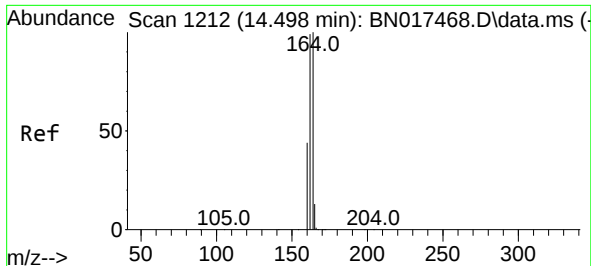
Ion Ratio Lower Upper

142 100

141 89.4 70.6 106.0

115 36.7 25.8 38.6

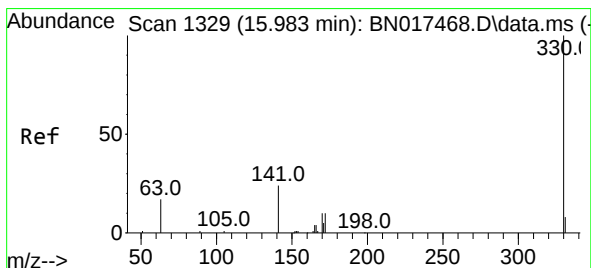
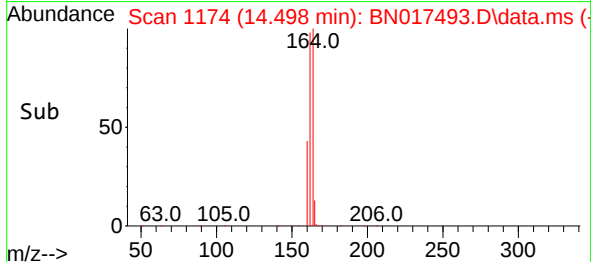
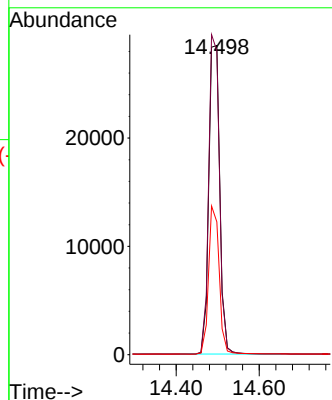
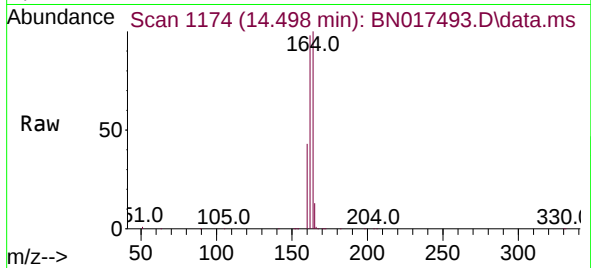




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

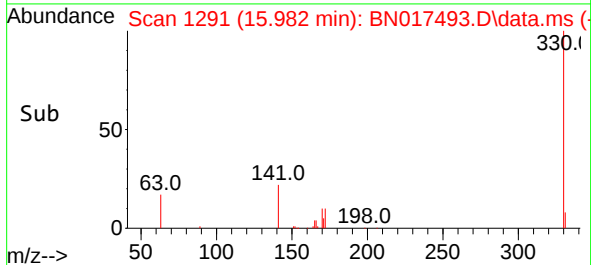
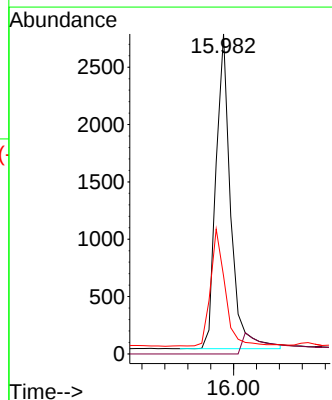
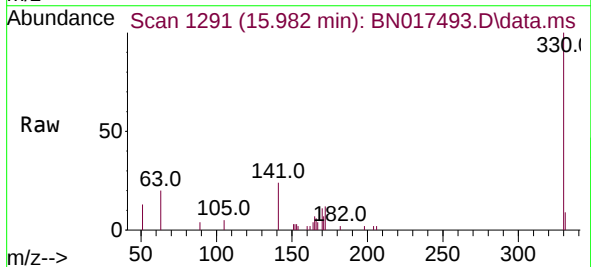
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BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

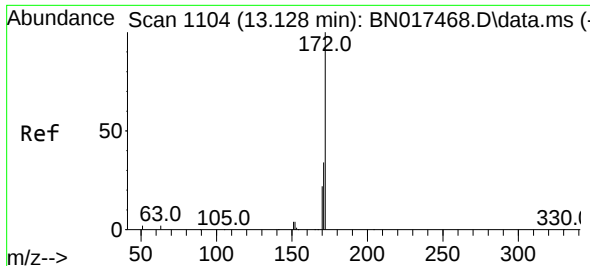
Tgt Ion:164 Resp: 52198
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.2
160 43.0 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:330 Resp: 4810
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 28.9 43.3

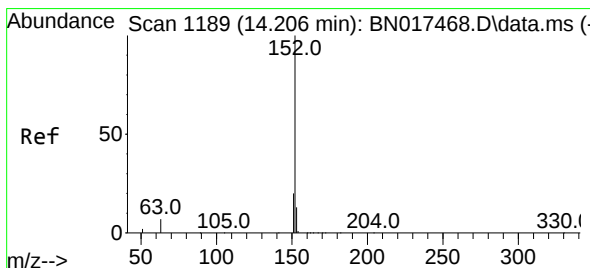
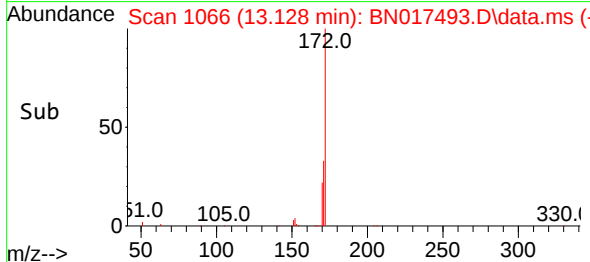
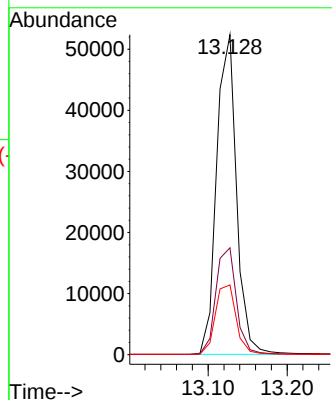
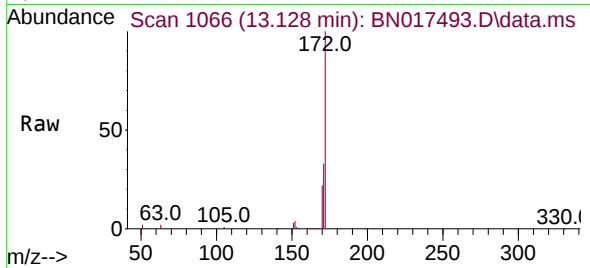




#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.128 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

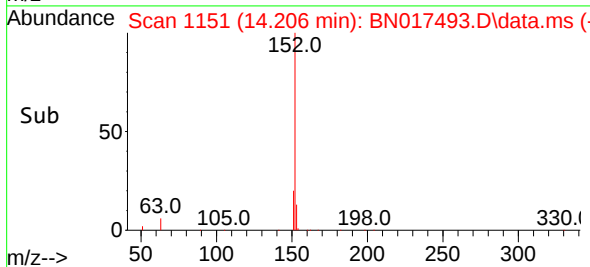
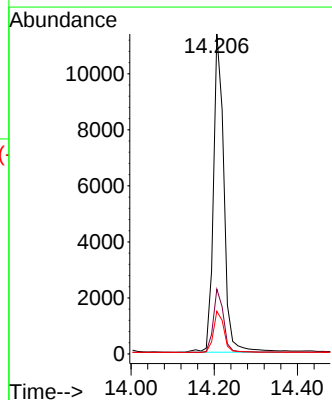
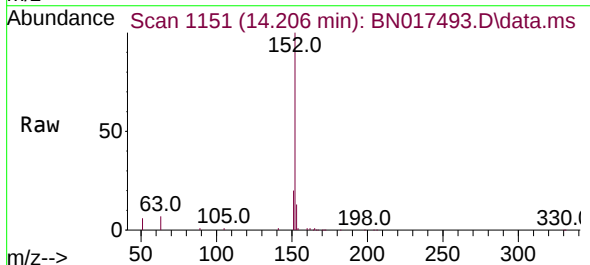
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

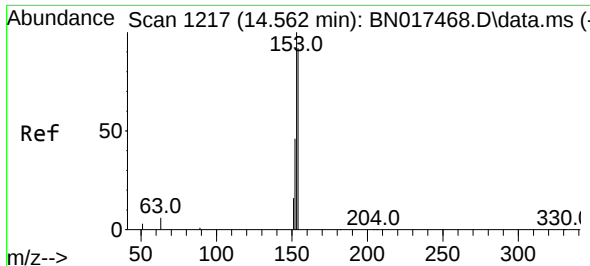
Tgt Ion:172 Resp: 91600
Ion Ratio Lower Upper
172 100
171 33.4 28.7 43.1
170 21.8 19.4 29.2



#16
Acenaphthylene
Concen: 0.103 ng
RT: 14.206 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:152 Resp: 19983
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.0 10.4 15.6

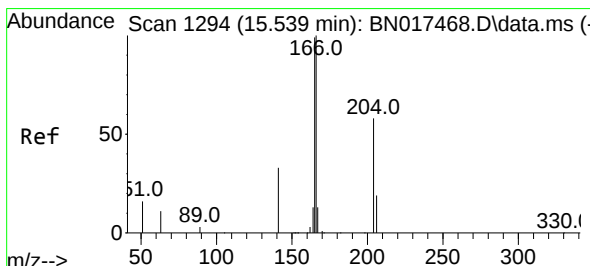
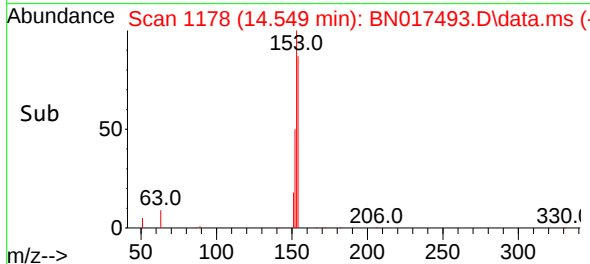
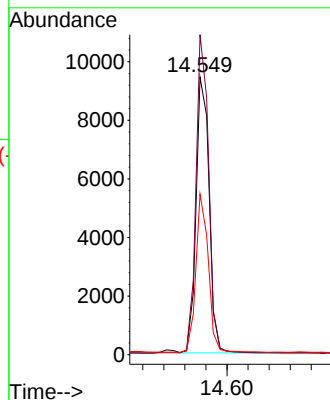
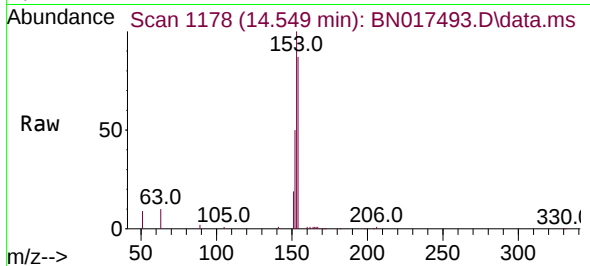




#17
Acenaphthene
Concen: 0.115 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

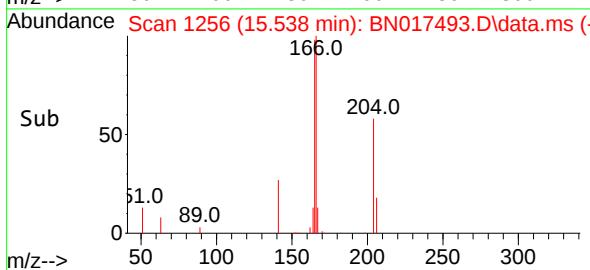
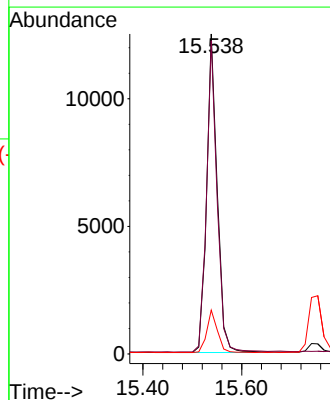
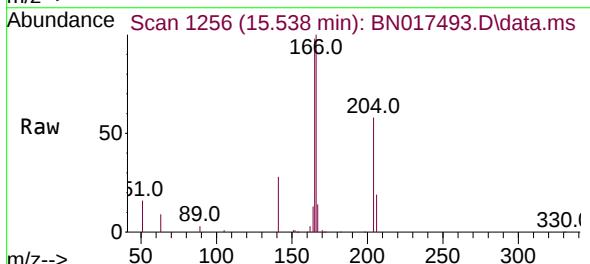
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

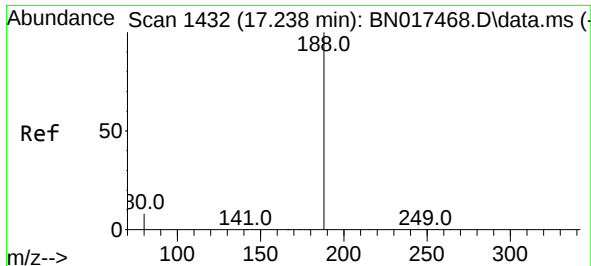
Tgt Ion:154 Resp: 16238
Ion Ratio Lower Upper
154 100
153 112.2 91.2 136.8
152 54.8 44.3 66.5



#18
Fluorene
Concen: 0.115 ng
RT: 15.538 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:166 Resp: 18610
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.5 10.9 16.3

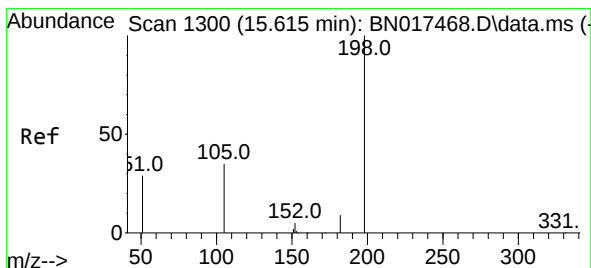
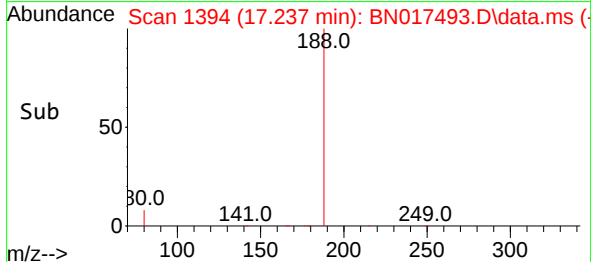
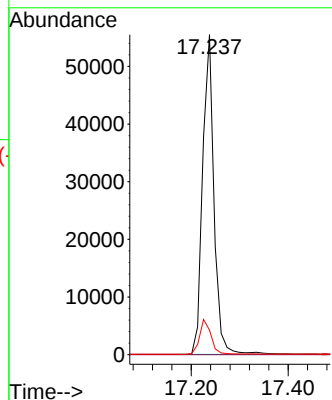
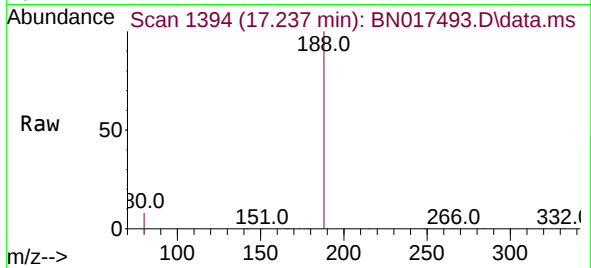




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

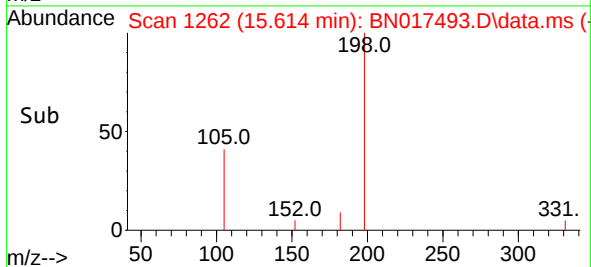
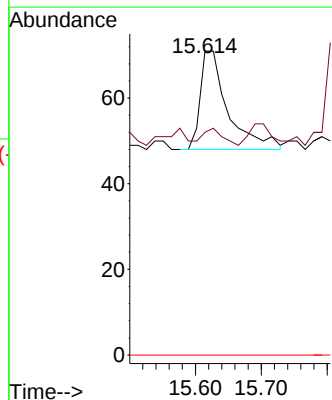
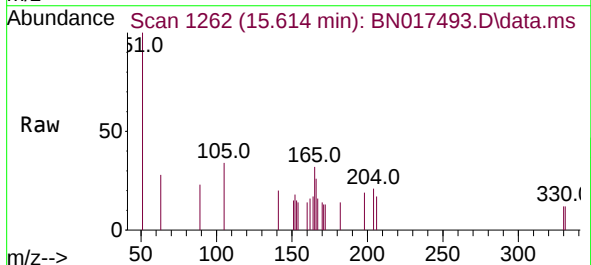
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

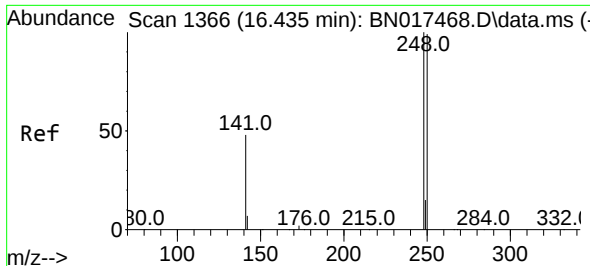
Tgt Ion:188 Resp: 90667
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.614 min Scan# 1262
Delta R.T. -0.001 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
182 73.2 11.4 17.2#
77 0.0 0.0 0.0

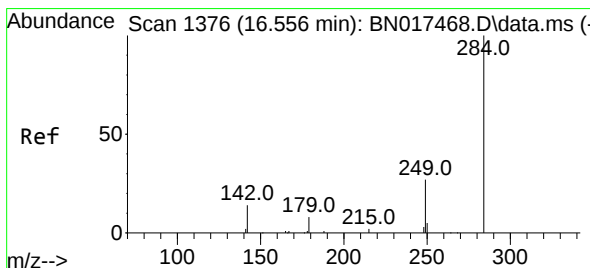
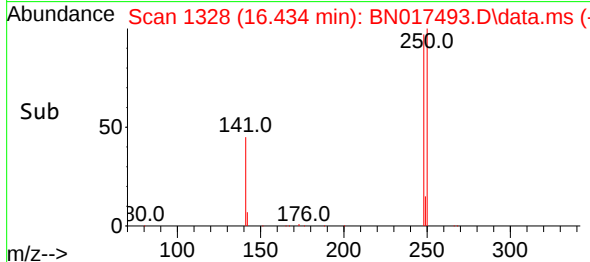
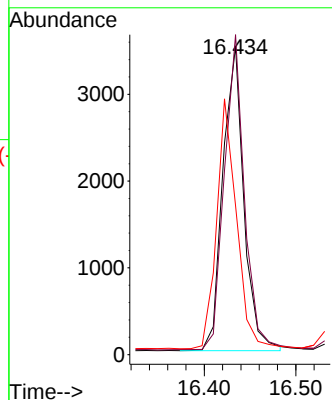
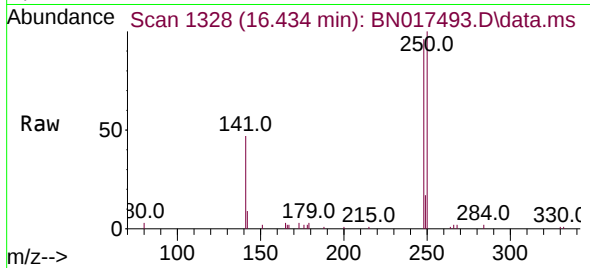




#21
4-Bromophenyl-phenylether
Concen: 0.109 ng
RT: 16.434 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

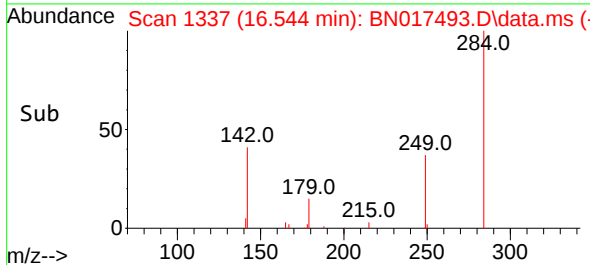
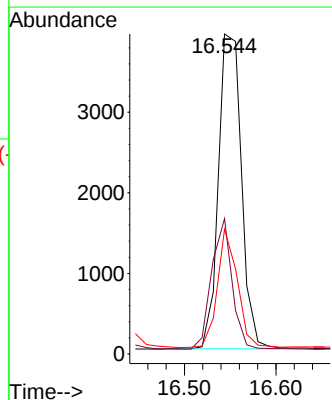
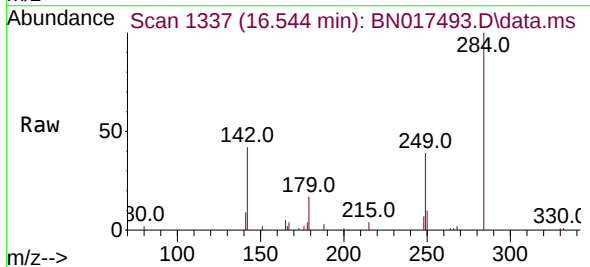
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

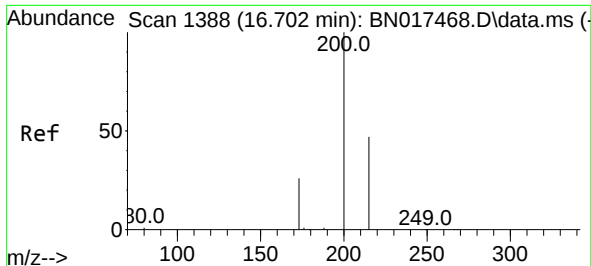
Tgt Ion:248 Resp: 5581
Ion Ratio Lower Upper
248 100
250 103.8 71.8 107.8
141 48.4 70.9 106.3#



#22
Hexachlorobenzene
Concen: 0.118 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.013 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:284 Resp: 6852
Ion Ratio Lower Upper
284 100
142 36.4 28.2 42.2
249 32.5 24.4 36.6

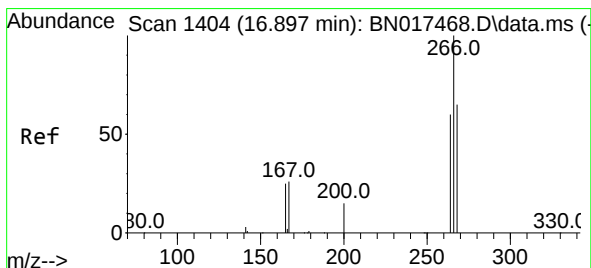
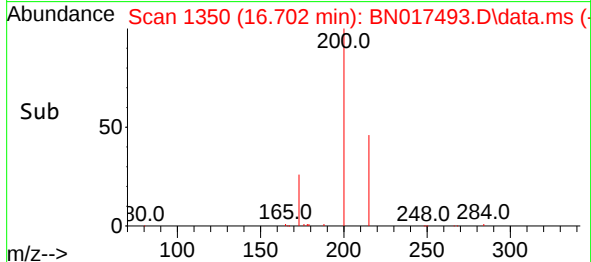
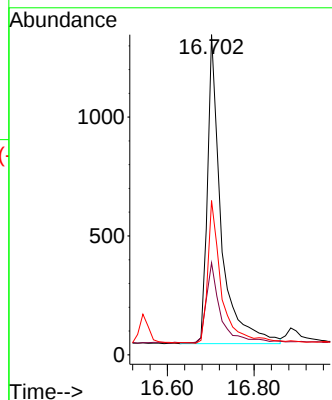
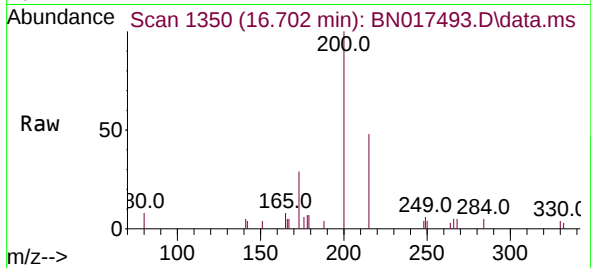




#23
Atrazine
Concen: 0.097 ng
RT: 16.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

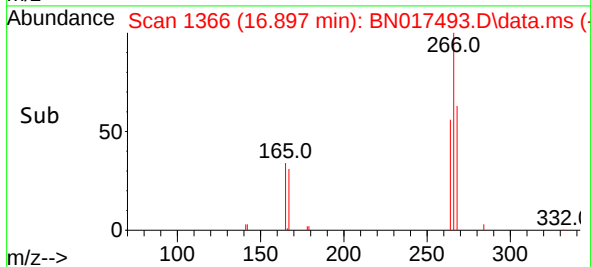
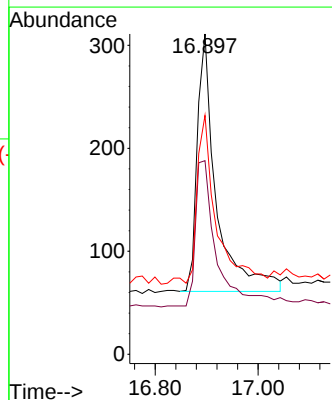
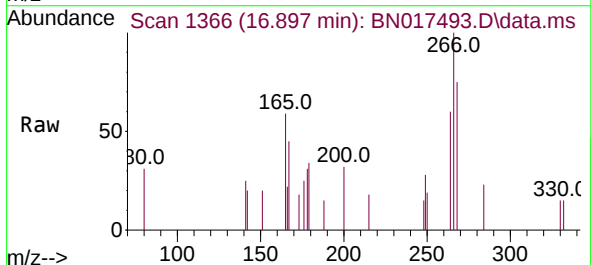
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

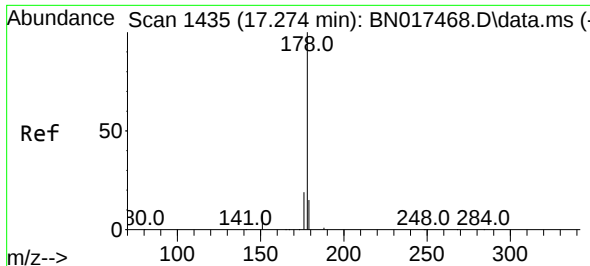
Tgt Ion:200 Resp: 2847
Ion Ratio Lower Upper
200 100
173 28.7 17.6 26.4#
215 48.2 40.2 60.4



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 16.897 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:266 Resp: 647
Ion Ratio Lower Upper
266 100
264 61.1 49.8 74.8
268 64.8 51.3 76.9

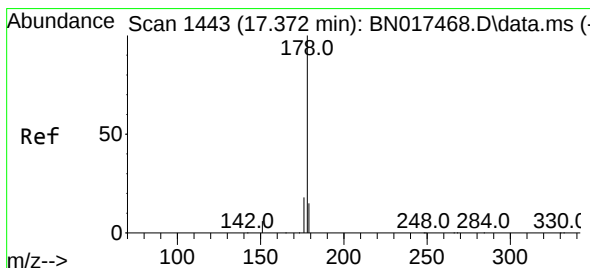
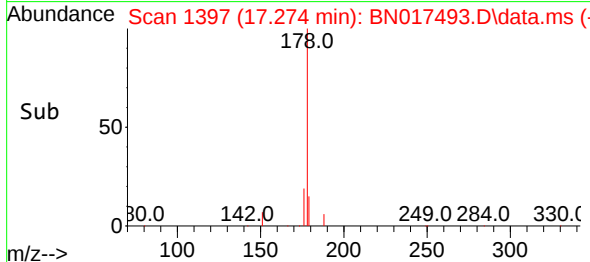
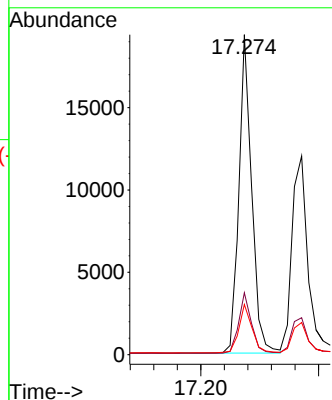
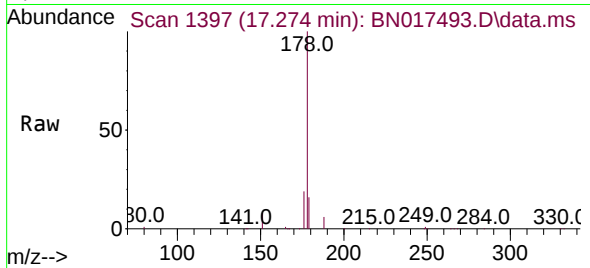




#25
Phenanthrene
Concen: 0.117 ng
RT: 17.274 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

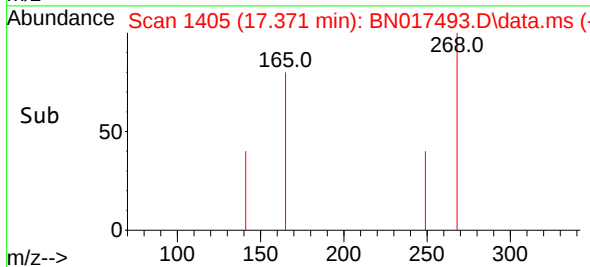
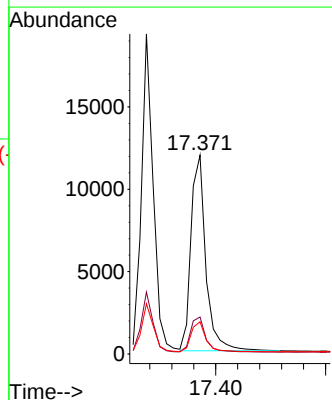
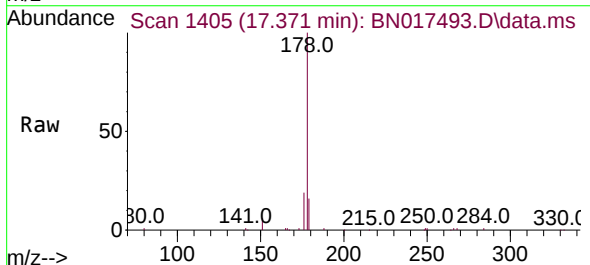
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

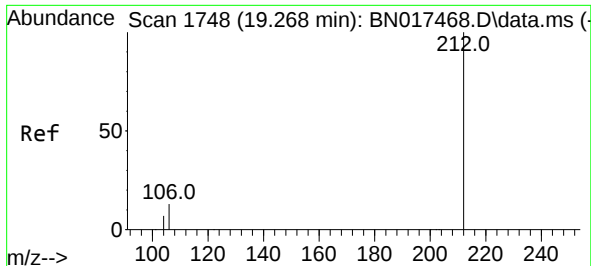
Tgt Ion:178 Resp: 29144
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.3 18.5



#26
Anthracene
Concen: 0.108 ng
RT: 17.371 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:178 Resp: 22371
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.1 12.2 18.4

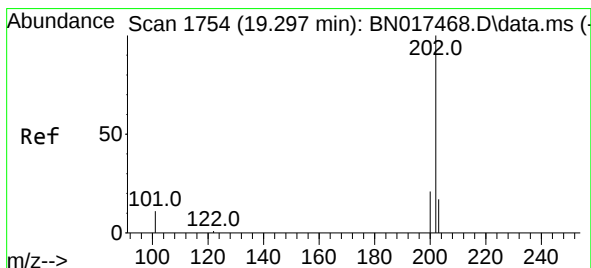
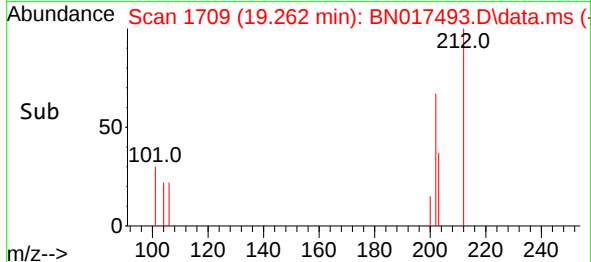
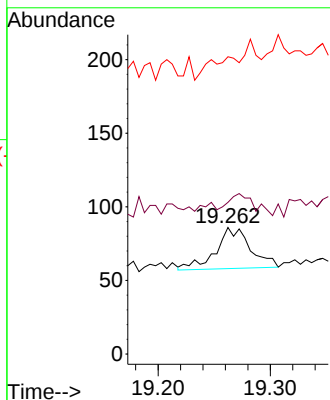
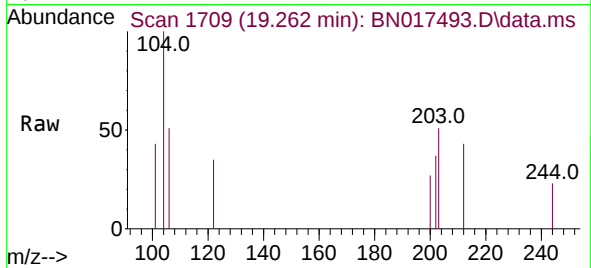




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.262 min Scan# 1715
Delta R.T. -0.005 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

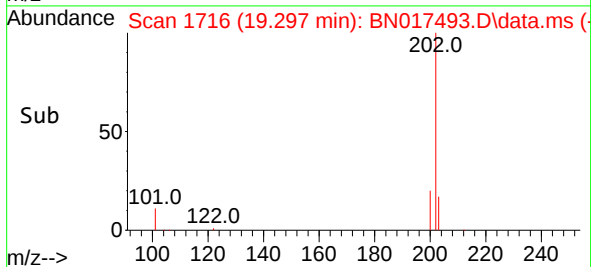
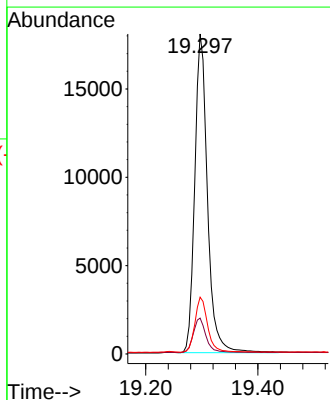
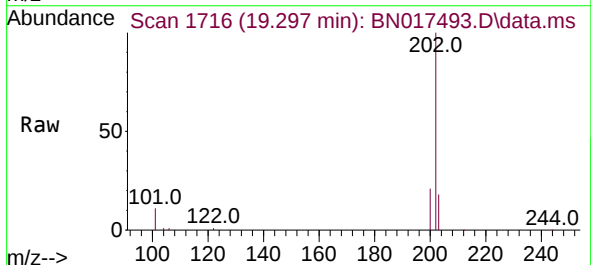
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

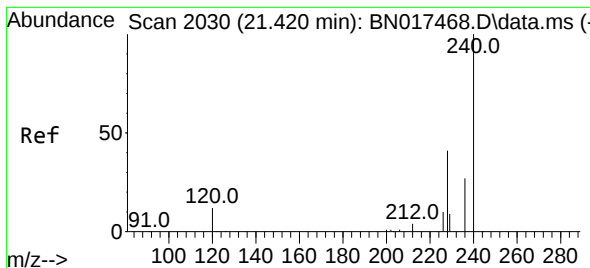
Tgt Ion:212 Resp: 60
Ion Ratio Lower Upper
212 100
106 40.0 10.5 15.7#
104 31.7 5.8 8.6#



#28
Fluoranthene
Concen: 0.106 ng
RT: 19.297 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:202 Resp: 28419
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.419 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

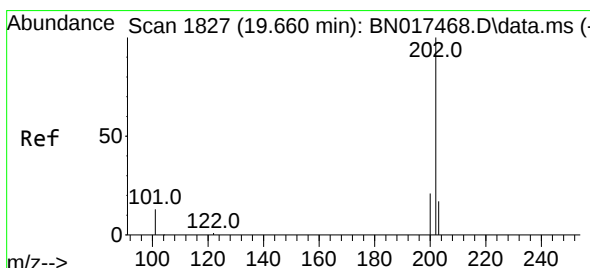
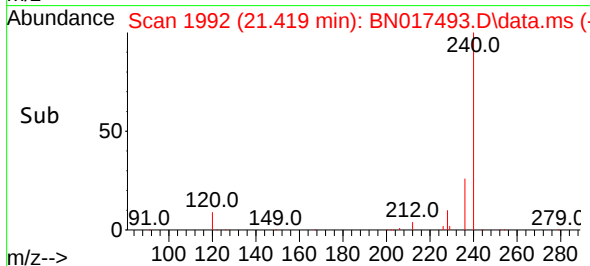
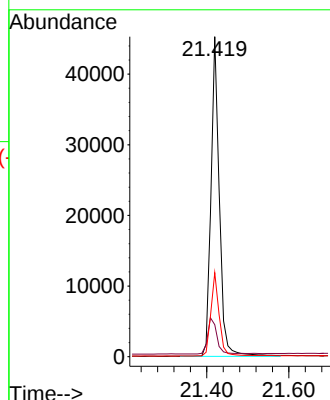
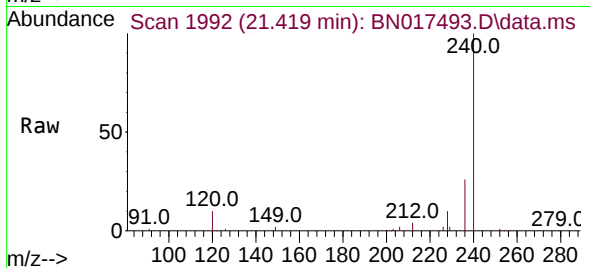
Tgt Ion:240 Resp: 64319

Ion Ratio Lower Upper

240 100

120 10.0 4.2 6.2#

236 26.2 20.0 30.0



#30

Pyrene

Concen: 0.128 ng

RT: 19.659 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

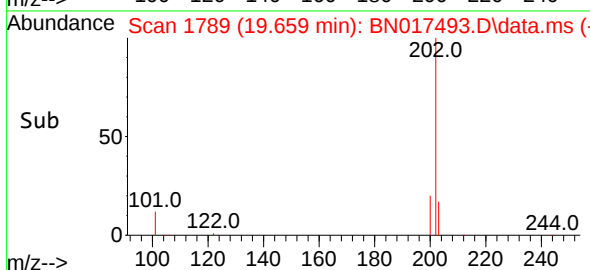
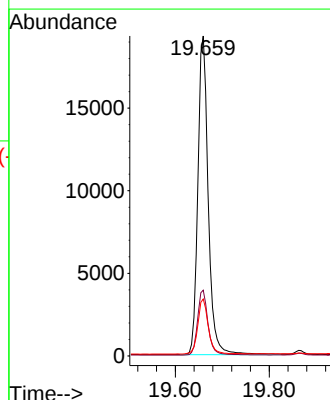
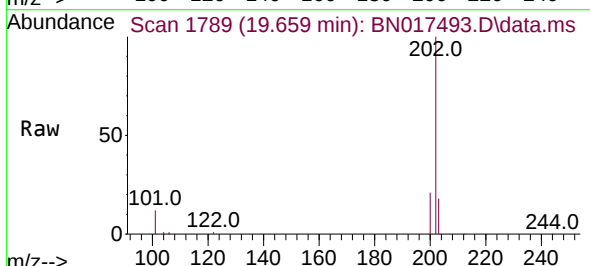
Tgt Ion:202 Resp: 29531

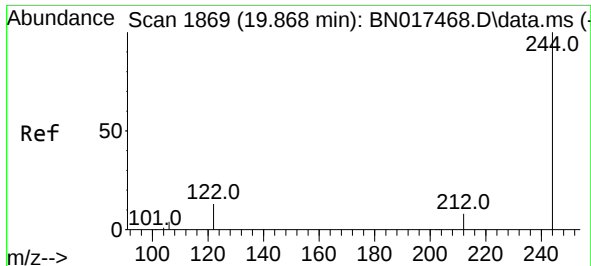
Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.4 14.0 21.0

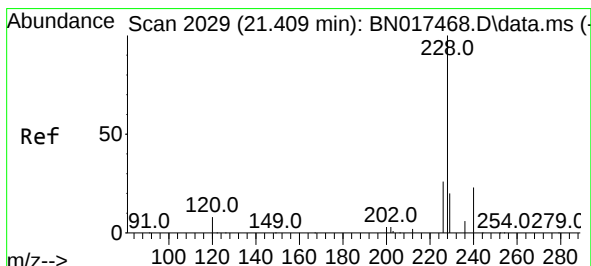
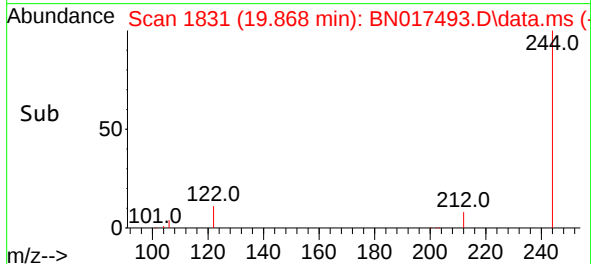
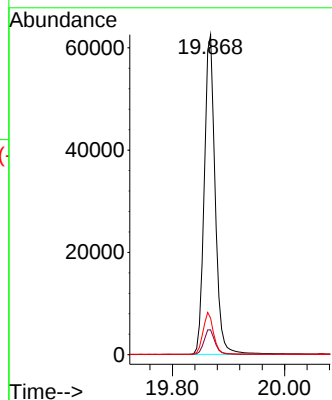
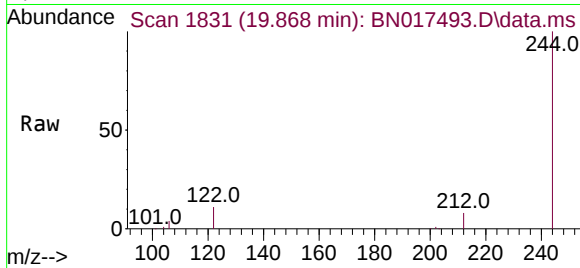




#31
 Terphenyl-d14
 Concen: 0.531 ng
 RT: 19.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017493.D
 Acq: 17 Nov 2021 12:13

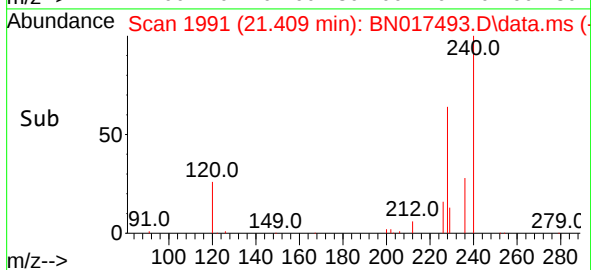
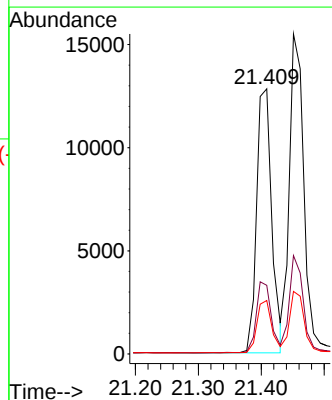
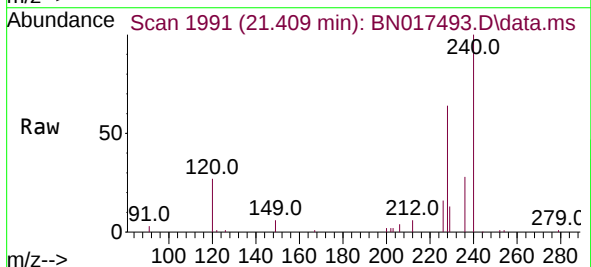
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

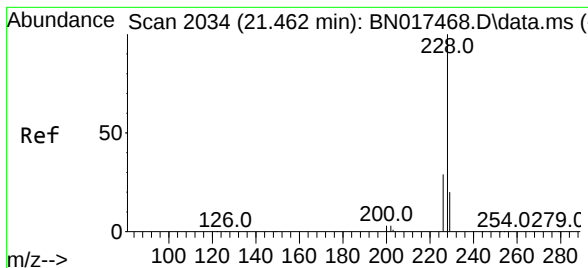
Tgt Ion:244 Resp: 83829
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 11.4 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.108 ng
 RT: 21.409 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN017493.D
 Acq: 17 Nov 2021 12:13

Tgt Ion:228 Resp: 21509
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.3 31.9
 229 20.1 15.7 23.5





#33

Chrysene

Concen: 0.120 ng

RT: 21.451 min Scan# 1985

Delta R.T. -0.011 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

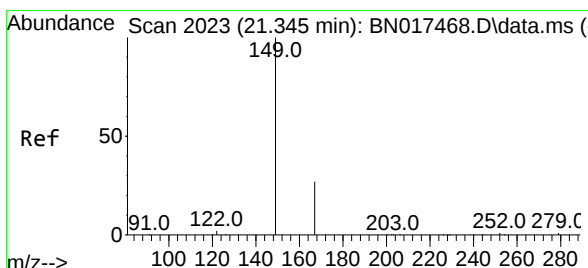
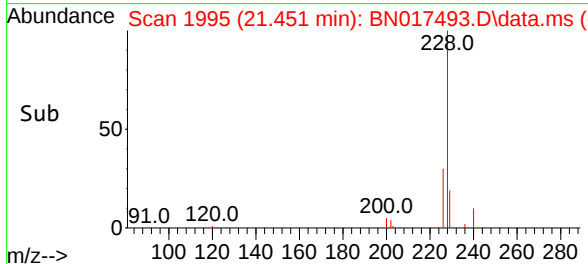
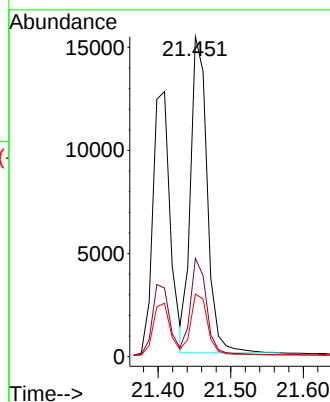
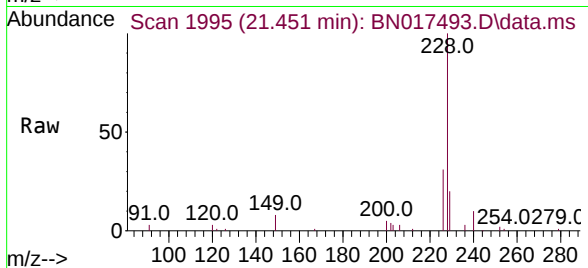
Tgt Ion:228 Resp: 24528

Ion Ratio Lower Upper

228 100

226 30.7 23.3 34.9

229 19.6 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.103 ng

RT: 21.345 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

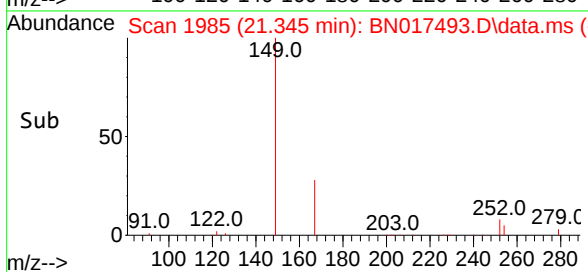
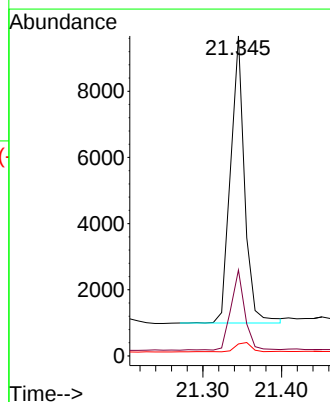
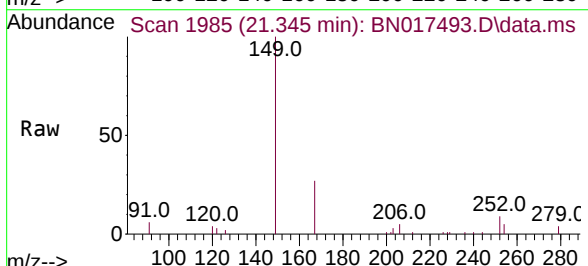
Tgt Ion:149 Resp: 10696

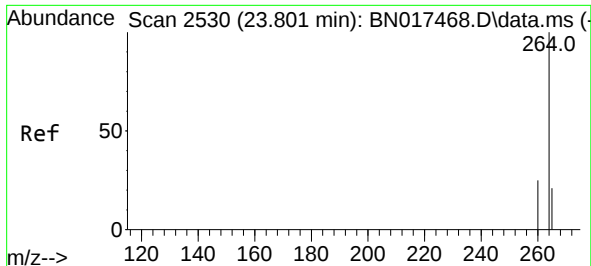
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 3.5 3.4 5.0

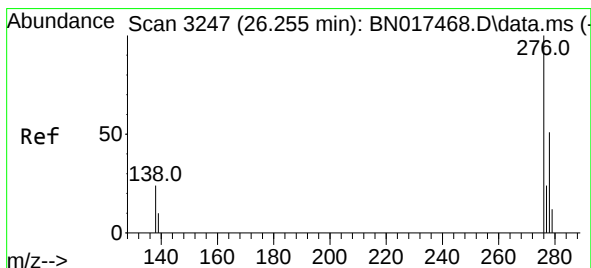
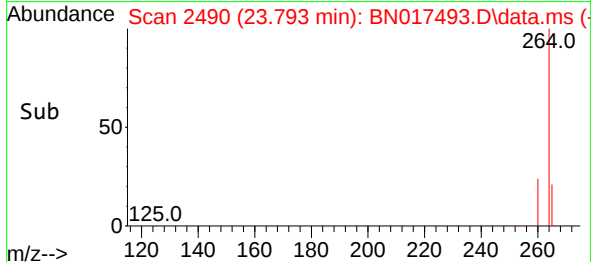
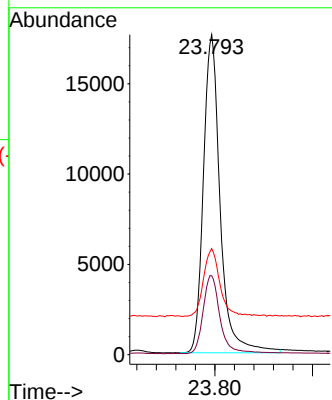
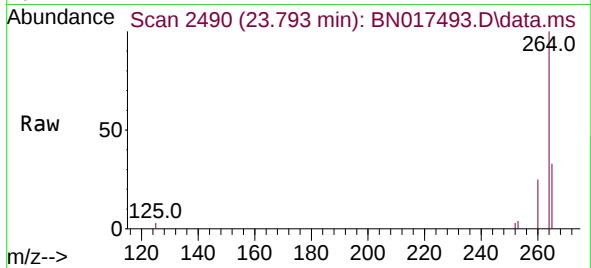




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.793 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

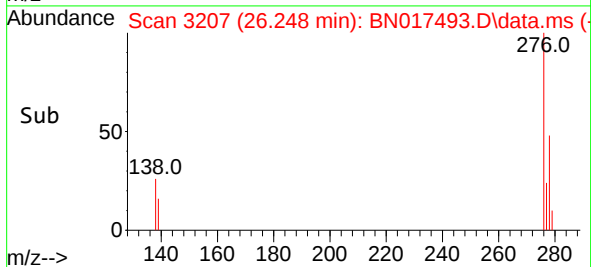
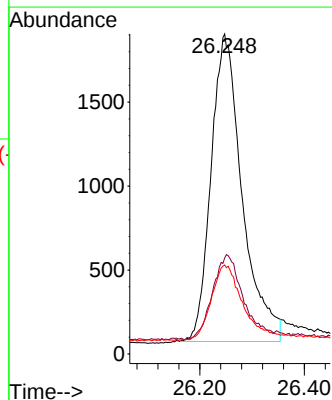
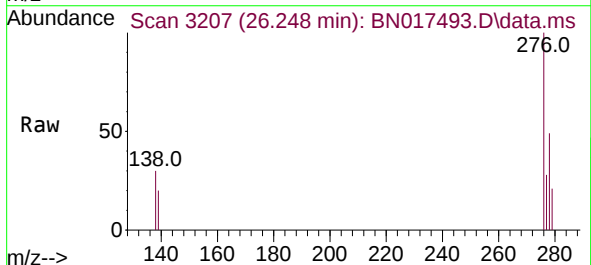
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

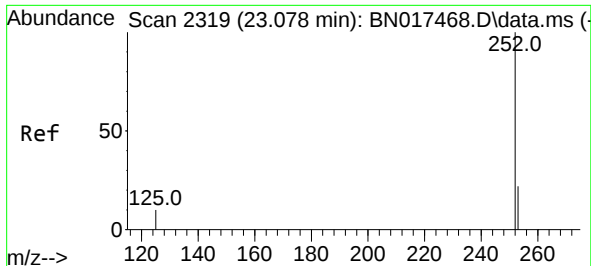
Tgt Ion:264 Resp: 41951
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 33.1 18.6 28.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng
RT: 26.248 min Scan# 3207
Delta R.T. -0.007 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:276 Resp: 7549
Ion Ratio Lower Upper
276 100
138 27.5 19.7 29.5
277 24.8 20.0 30.0

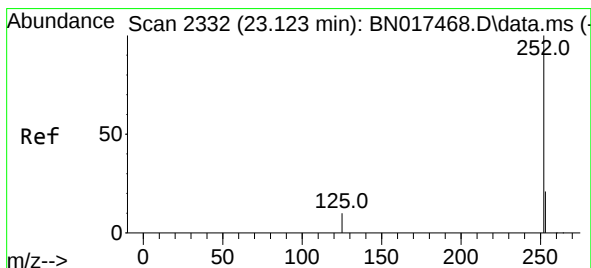
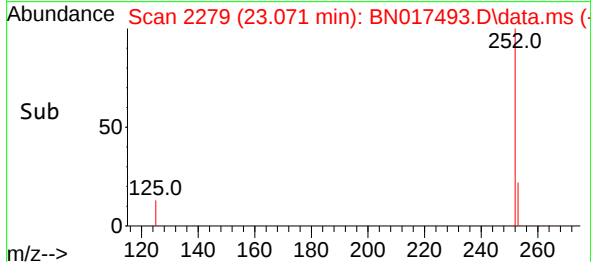
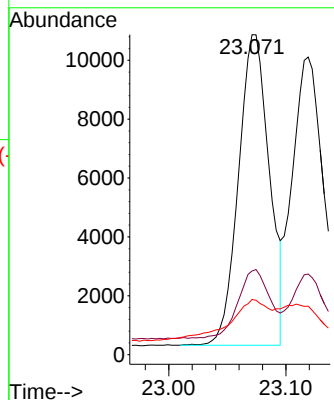
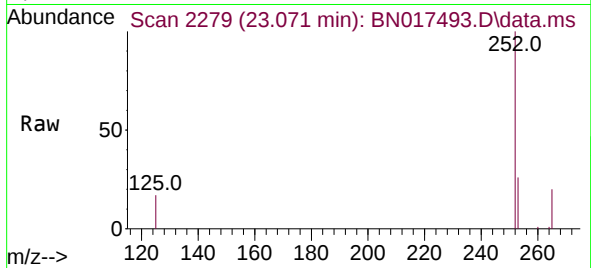




#37
Benzo(b)fluoranthene
Concen: 0.122 ng
RT: 23.071 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

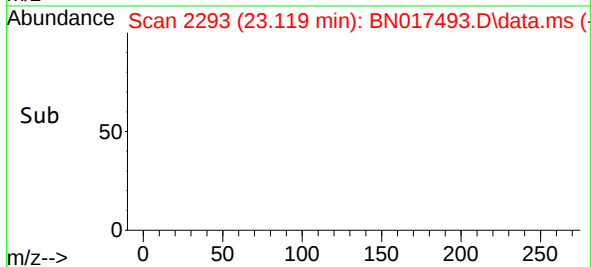
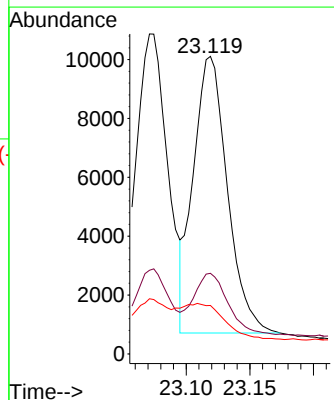
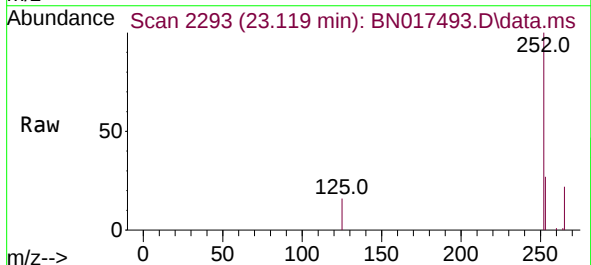
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

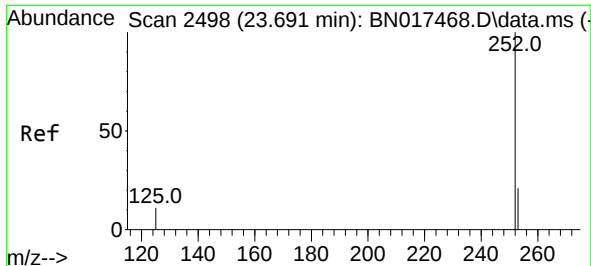
Tgt Ion:252 Resp: 19250
Ion Ratio Lower Upper
252 100
253 26.1 17.7 26.5
125 17.3 7.8 11.8#



#38
Benzo(k)fluoranthene
Concen: 0.121 ng
RT: 23.119 min Scan# 2293
Delta R.T. -0.004 min
Lab File: BN017493.D
Acq: 17 Nov 2021 12:13

Tgt Ion:252 Resp: 17478
Ion Ratio Lower Upper
252 100
253 27.1 17.7 26.5#
125 16.3 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.106 ng

RT: 23.687 min Scan# 2498

Delta R.T. -0.004 min

Lab File: BN017493.D

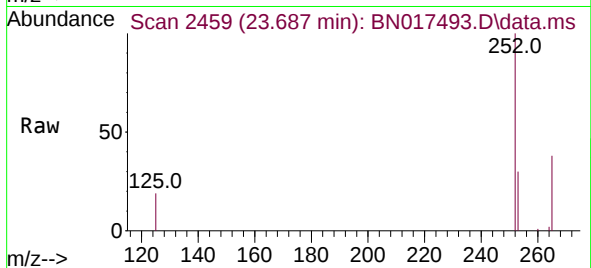
Acq: 17 Nov 2021 12:13

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



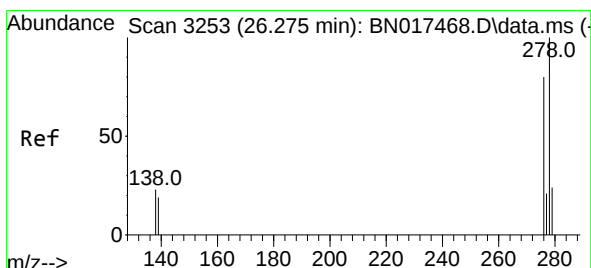
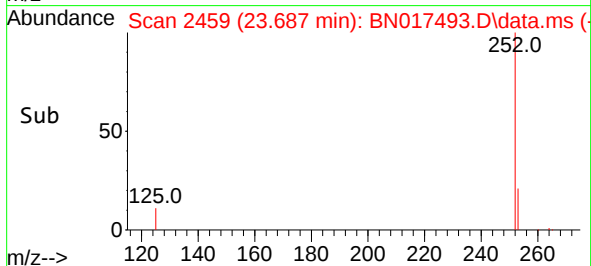
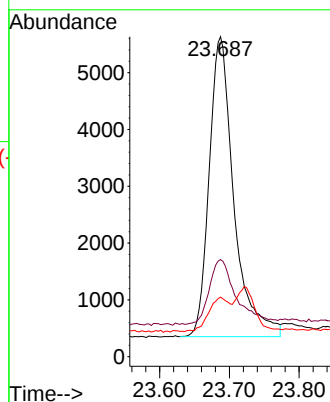
Tgt Ion:252 Resp: 12982

Ion Ratio Lower Upper

252 100

253 30.4 17.9 26.9#

125 18.6 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.069 ng

RT: 26.265 min Scan# 3212

Delta R.T. -0.011 min

Lab File: BN017493.D

Acq: 17 Nov 2021 12:13

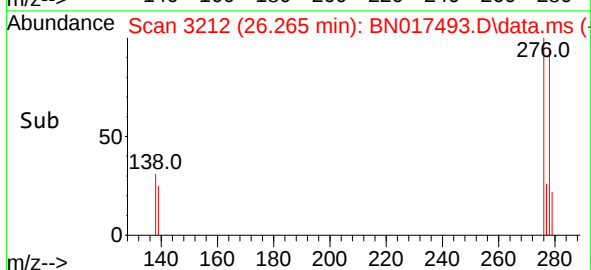
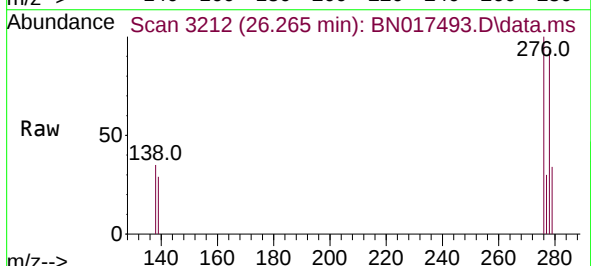
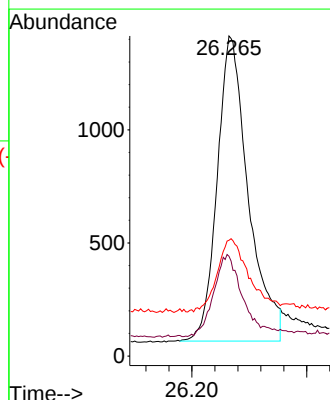
Tgt Ion:278 Resp: 5072

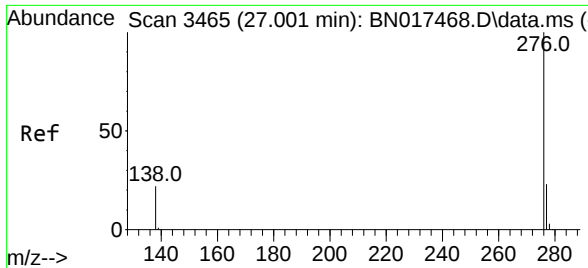
Ion Ratio Lower Upper

278 100

139 31.2 13.0 19.6#

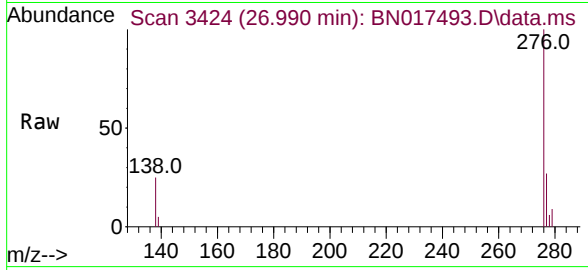
279 36.2 19.2 28.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.103 ng
 RT: 26.990 min Scan# 34
 Delta R.T. -0.011 min
 Lab File: BN017493.D
 Acq: 17 Nov 2021 12:13

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:	276	Resp:	9336
Ion Ratio	Lower	Upper	
276	100		
277	27.2	19.0	28.4
138	24.9	17.1	25.7

