

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
 Data File : BN017494.D
 Acq On : 17 Nov 2021 14:30
 Operator : CG/JU
 Sample : M4068-01
 Misc : LOD-MDL-SOIL 0.2ng
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 17 14:59:01 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)

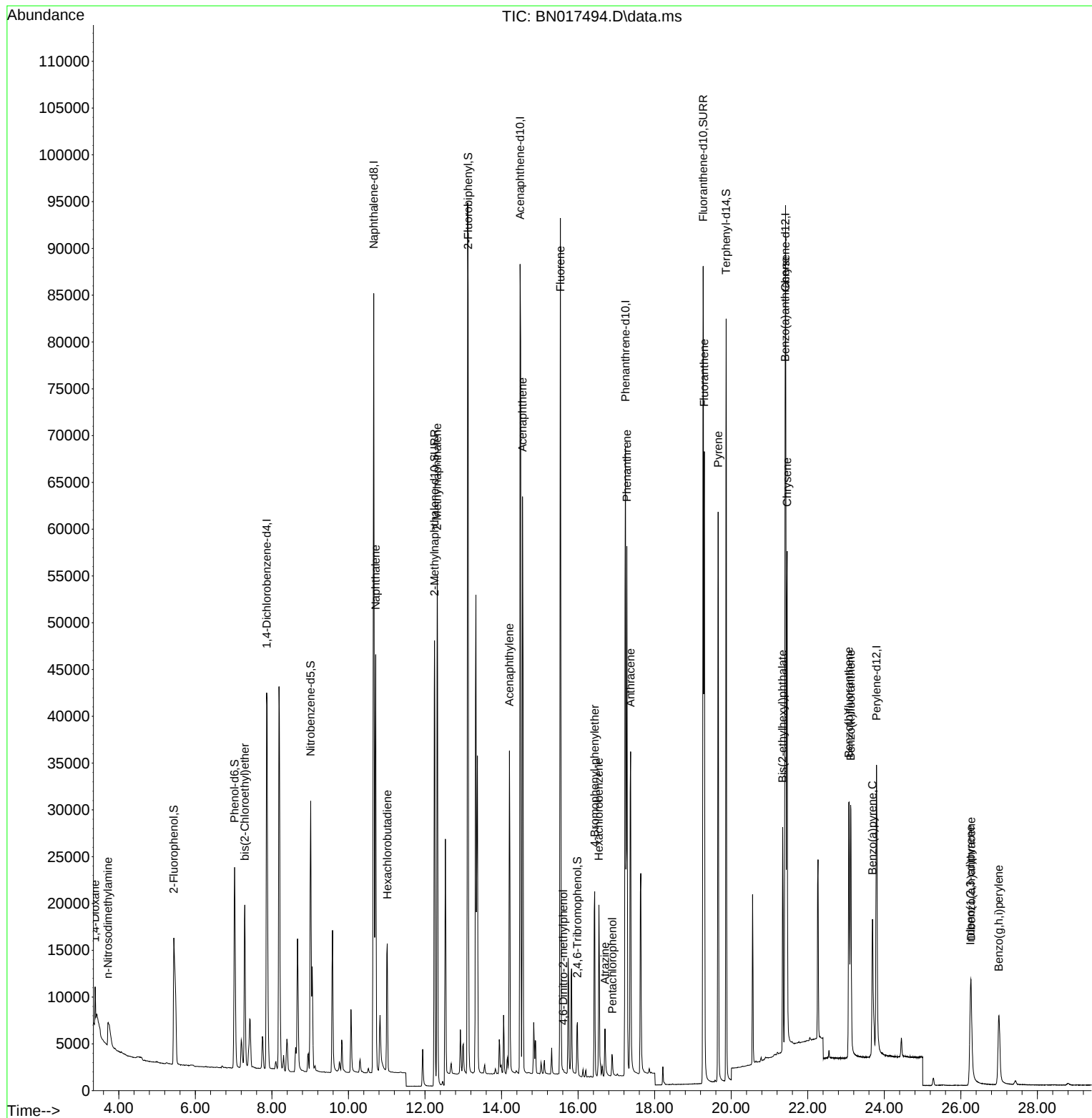
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	26570	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	114307	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	57901	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	99942	0.400	ng	0.00
29) Chrysene-d12	21.419	240	72072	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	49159	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.439	112	24004	0.380	ng	0.00
5) Phenol-d6	7.025	99	25981	0.382	ng	0.00
8) Nitrobenzene-d5	9.013	82	25679	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	67804	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4850	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	93803	0.430	ng	0.00
27) Fluoranthene-d10	19.267	212	106465	0.357	ng	0.00
31) Terphenyl-d14	19.868	244	83071	0.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	2287	0.196	ng	85
3) n-Nitrosodimethylamine	3.715	42	4185	0.188	ng	90
6) bis(2-Chloroethyl)ether	7.293	93	16555	0.227	ng	94
9) Naphthalene	10.712	128	61134	0.213	ng	99
10) Hexachlorobutadiene	11.016	225	12629	0.210	ng	# 100
12) 2-Methylnaphthalene	12.319	142	39326	0.216	ng	97
16) Acenaphthylene	14.206	152	40387	0.187	ng	100
17) Acenaphthene	14.549	154	32373	0.207	ng	99
18) Fluorene	15.538	166	37397	0.208	ng	100
20) 4,6-Dinitro-2-methylph...	15.614	198	245	0.168	ng	# 45
21) 4-Bromophenyl-phenylether	16.434	248	11363	0.201	ng	# 71
22) Hexachlorobenzene	16.544	284	13807	0.216	ng	97
23) Atrazine	16.702	200	5788	0.179	ng	# 96
24) Pentachlorophenol	16.897	266	1559	0.182	ng	99
25) Phenanthrene	17.274	178	58245	0.212	ng	100
26) Anthracene	17.371	178	45151	0.198	ng	100
28) Fluoranthene	19.297	202	61244	0.208	ng	100
30) Pyrene	19.659	202	59156	0.228	ng	100
32) Benzo(a)anthracene	21.409	228	41741	0.187	ng	99
33) Chrysene	21.462	228	49896	0.217	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	19691	0.169	ng	99
36) Indeno(1,2,3-cd)pyrene	26.251	276	17764	0.157	ng	97
37) Benzo(b)fluoranthene	23.075	252	37752	0.204	ng	# 95
38) Benzo(k)fluoranthene	23.122	252	34955	0.206	ng	# 94
39) Benzo(a)pyrene	23.691	252	27294	0.191	ng	# 93
40) Dibenzo(a,h)anthracene	26.268	278	12131	0.141	ng	# 83
41) Benzo(g,h,i)perylene	26.994	276	19320	0.181	ng	97

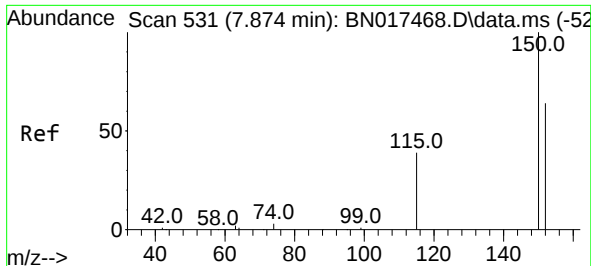
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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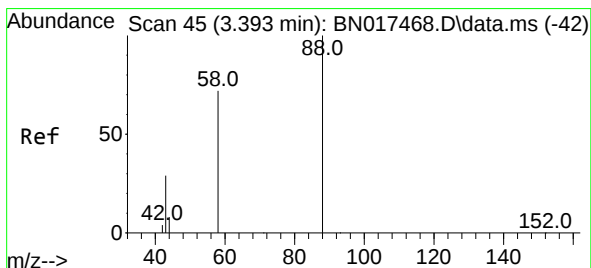
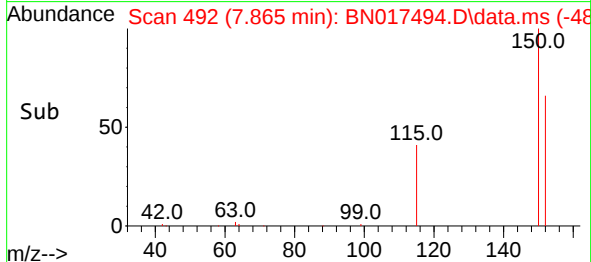
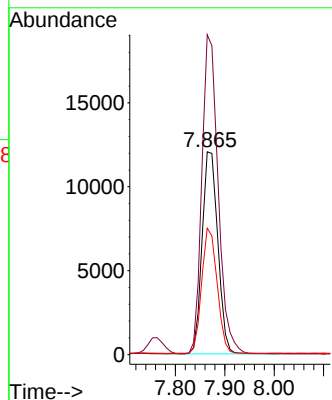
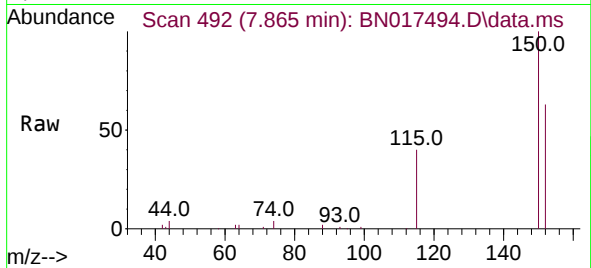




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 49
Delta R.T. -0.009 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

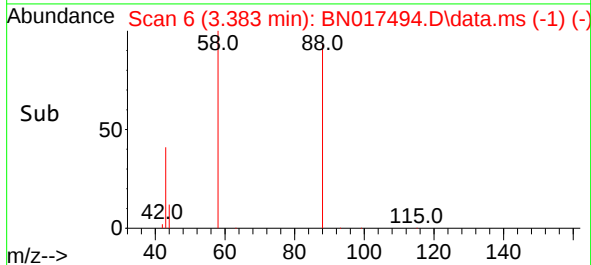
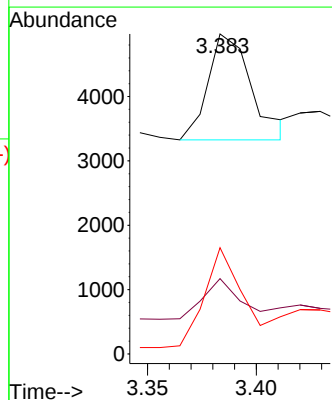
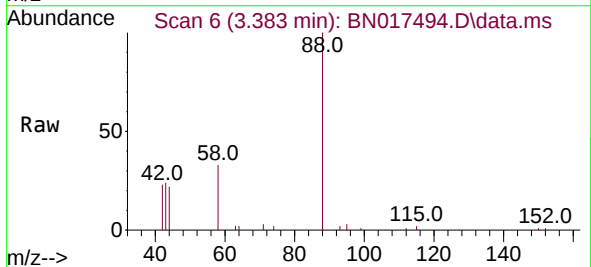
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

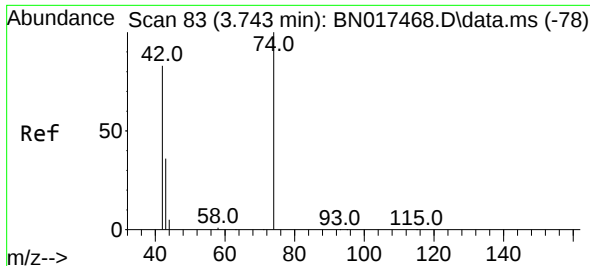
Tgt Ion:152 Resp: 26570
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.4
115 62.4 45.6 68.4



#2
1,4-Dioxane
Concen: 0.196 ng
RT: 3.383 min Scan# 6
Delta R.T. -0.010 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion: 88 Resp: 2287
Ion Ratio Lower Upper
88 100
43 36.3 24.7 37.1
58 94.2 63.0 94.6

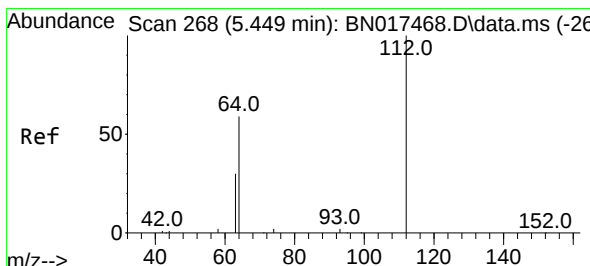
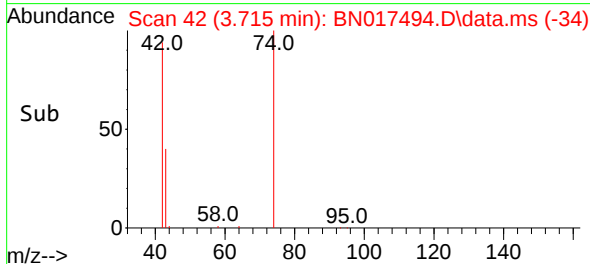
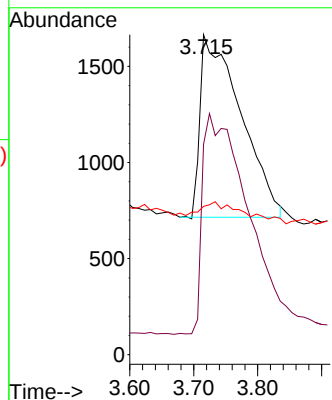
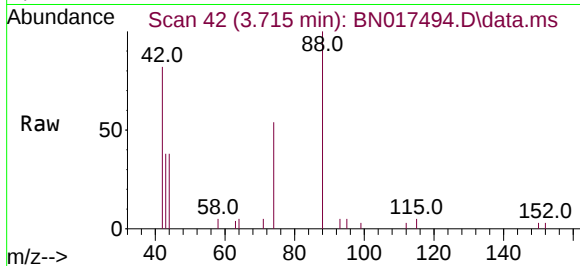




#3
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.715 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

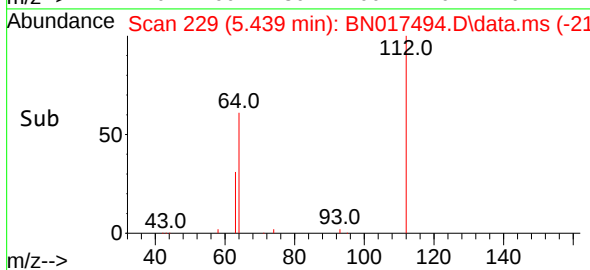
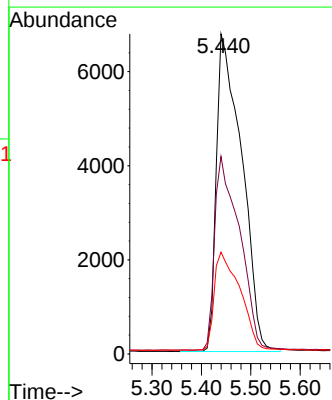
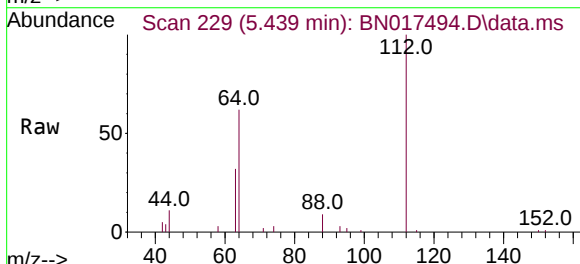
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BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

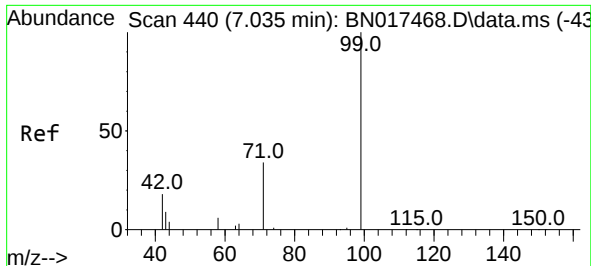
Tgt Ion: 42 Resp: 4185
Ion Ratio Lower Upper
42 100
74 134.0 97.8 146.6
44 7.6 5.5 8.3



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.439 min Scan# 229
Delta R.T. -0.010 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion: 112 Resp: 24004
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.5 24.6 37.0

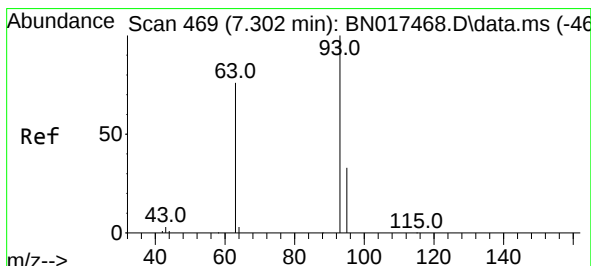
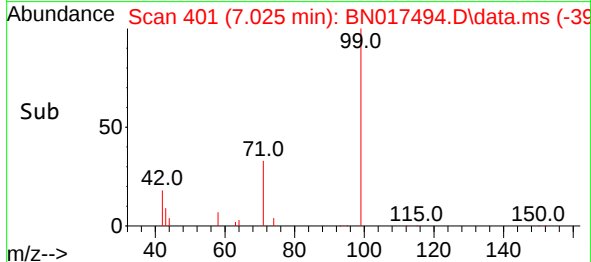
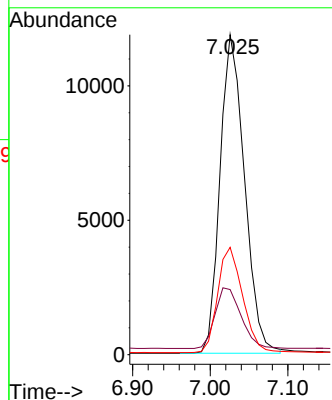
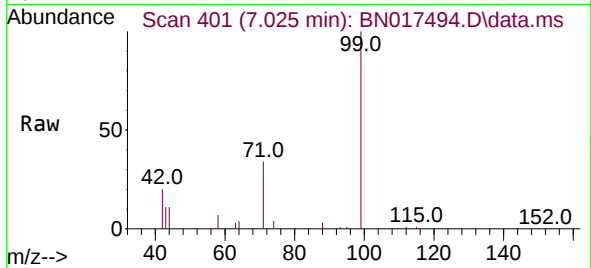




#5
Phenol-d6
Concen: 0.382 ng
RT: 7.025 min Scan# 40
Delta R.T. -0.010 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

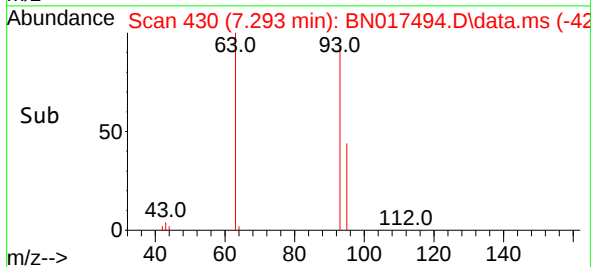
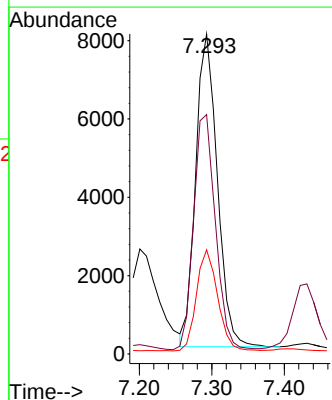
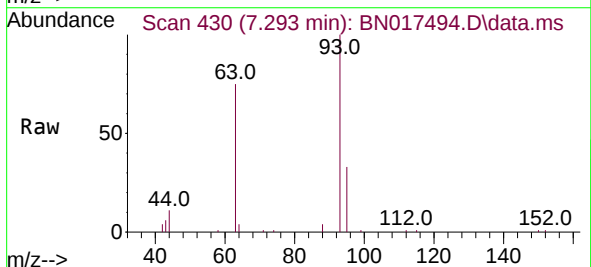
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

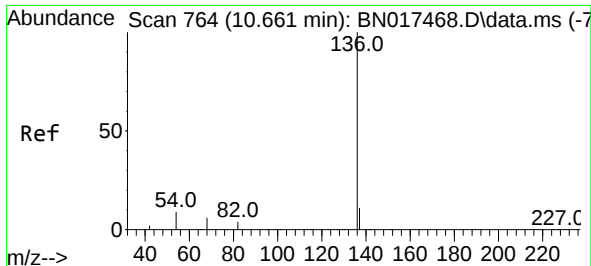
Tgt Ion: 99 Resp: 25981
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 33.6 24.8 37.2



#6
bis(2-Chloroethyl)ether
Concen: 0.227 ng
RT: 7.293 min Scan# 430
Delta R.T. -0.010 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion: 93 Resp: 16555
Ion Ratio Lower Upper
93 100
63 76.0 65.8 98.6
95 31.8 26.6 39.8

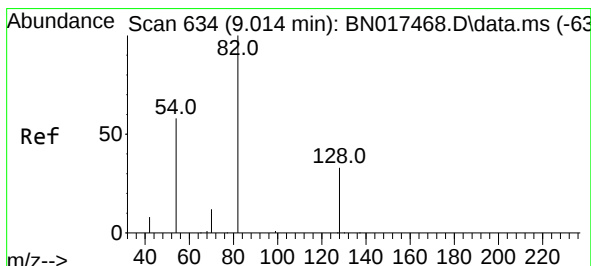
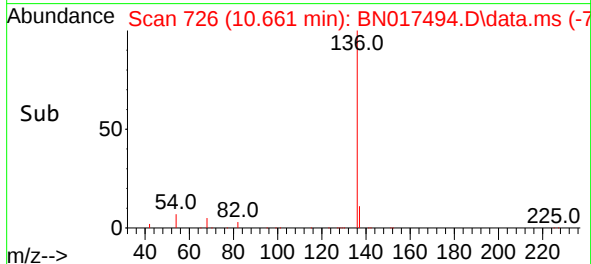
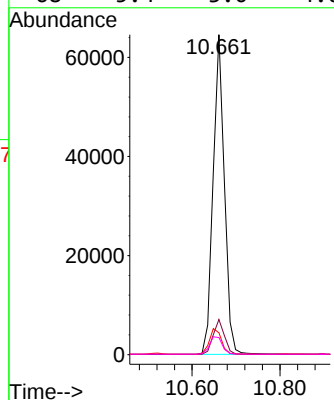
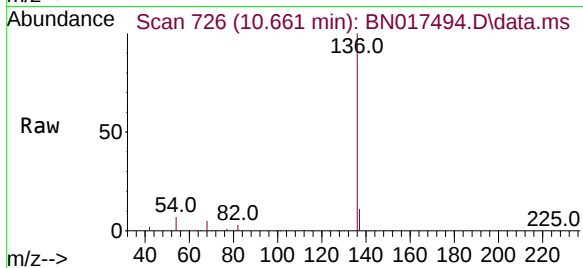




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

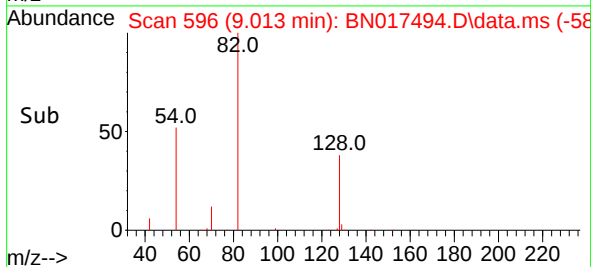
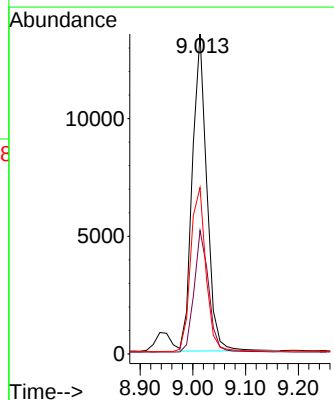
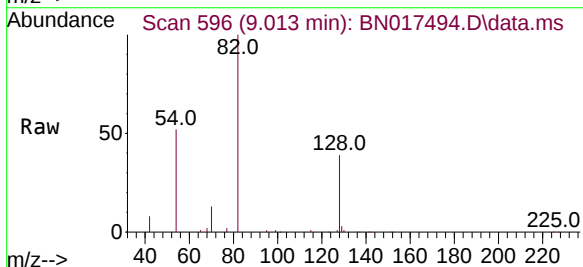
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

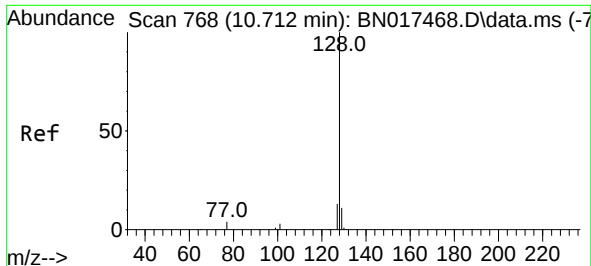
Tgt Ion:136	Resp:	114307
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.8	4.0 6.0#
68	5.4	3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.013 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion: 82	Resp:	25679
Ion Ratio	Lower	Upper
82	100	
128	38.6	27.7 41.5
54	52.0	49.2 73.8

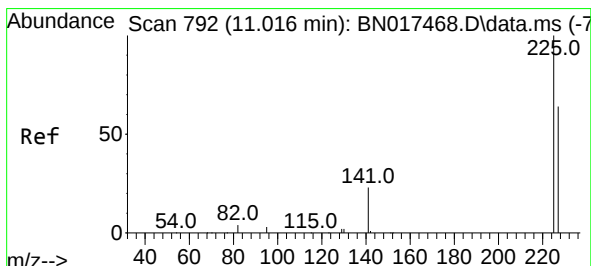
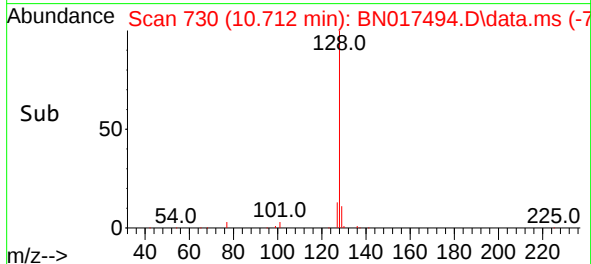
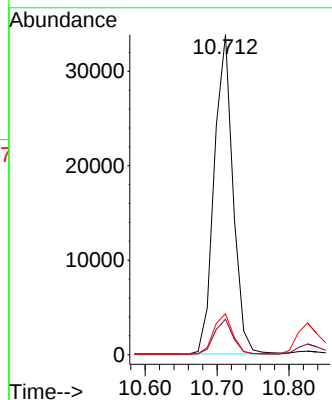
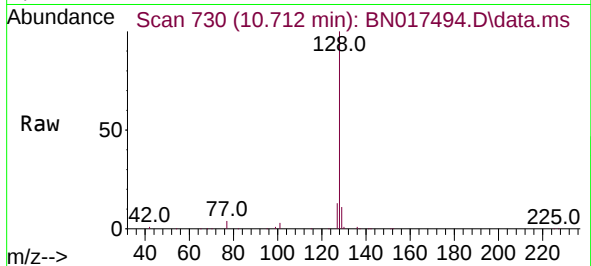




#9
Naphthalene
Concen: 0.213 ng
RT: 10.712 min Scan# 711
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

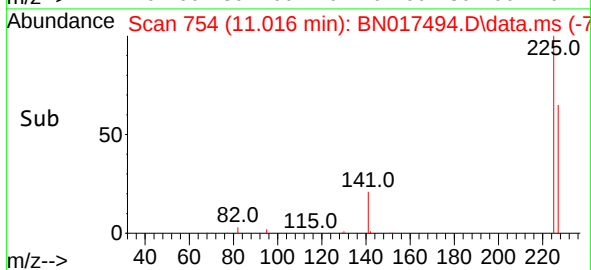
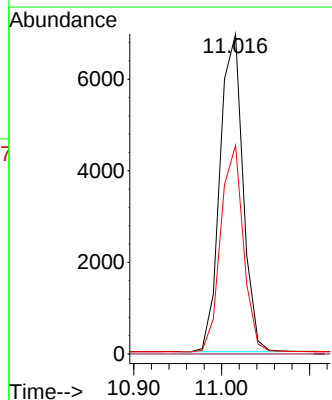
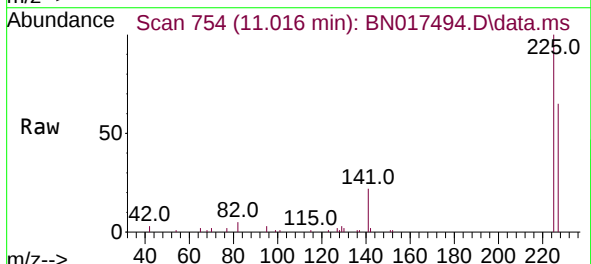
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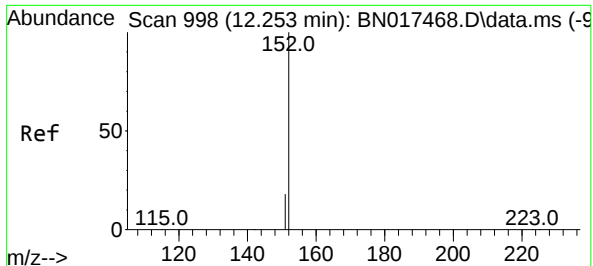
Tgt Ion:128 Resp: 61134
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.210 ng
RT: 11.016 min Scan# 754
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:225 Resp: 12629
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: 0.361 ng

RT: 12.248 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

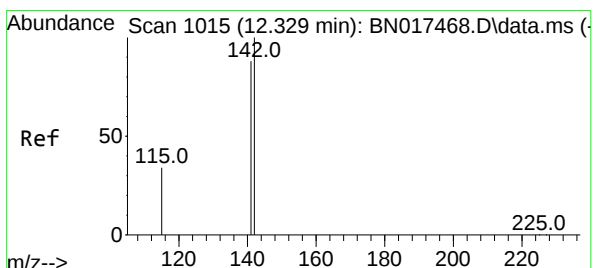
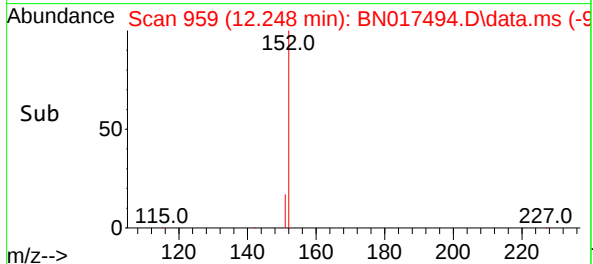
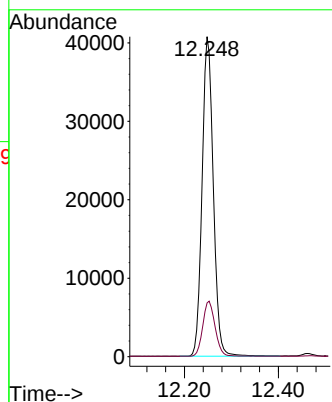
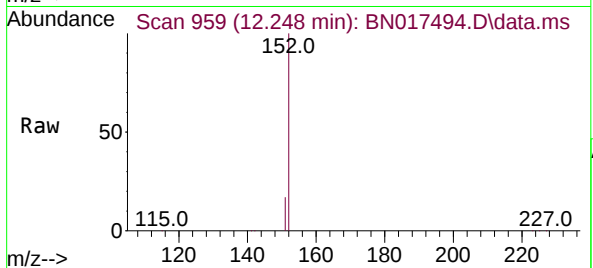
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:152 Resp: 67804

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.216 ng

RT: 12.319 min Scan# 975

Delta R.T. -0.009 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

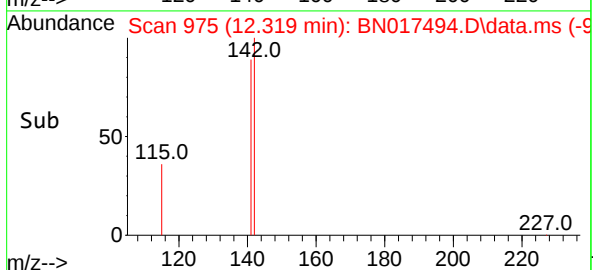
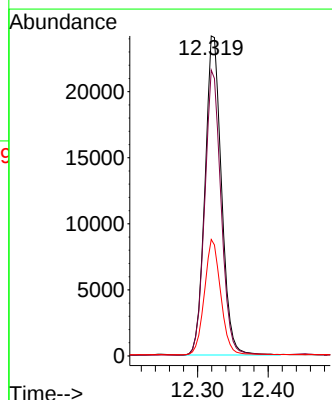
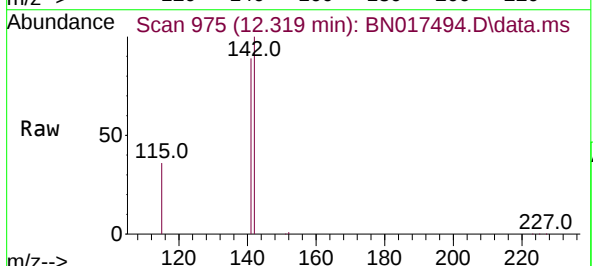
Tgt Ion:142 Resp: 39326

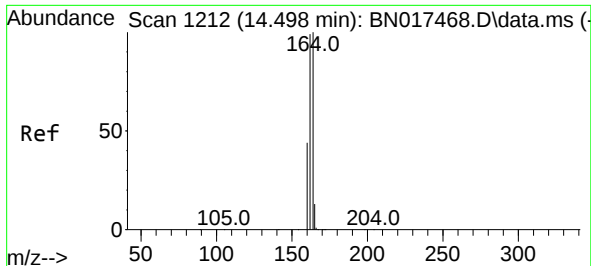
Ion Ratio Lower Upper

142 100

141 89.3 70.6 106.0

115 36.4 25.8 38.6

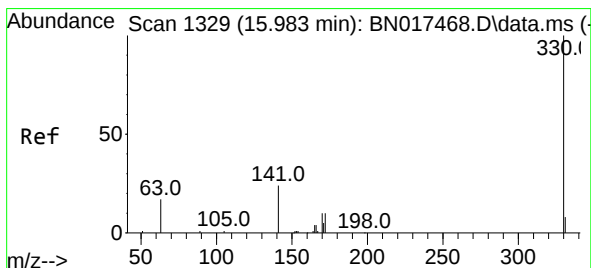
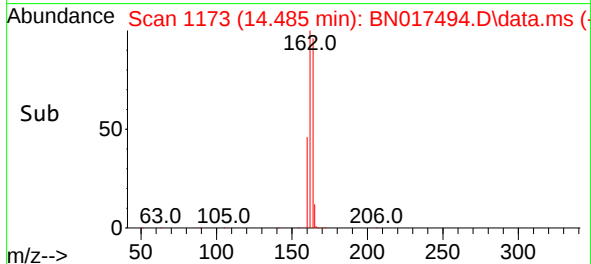
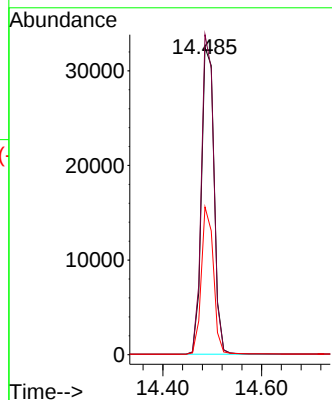
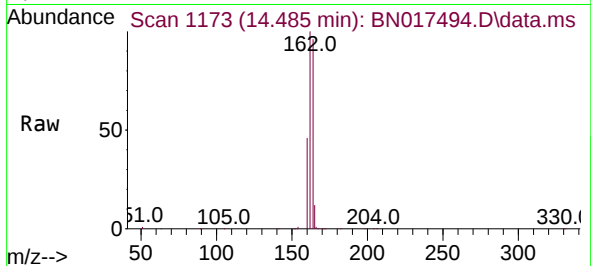




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

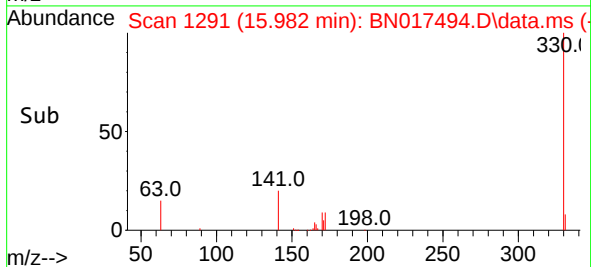
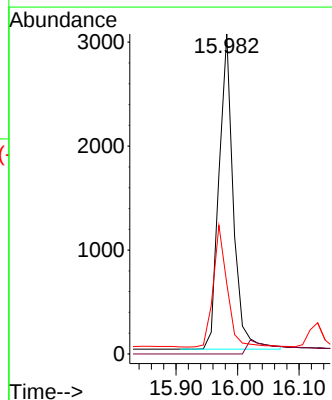
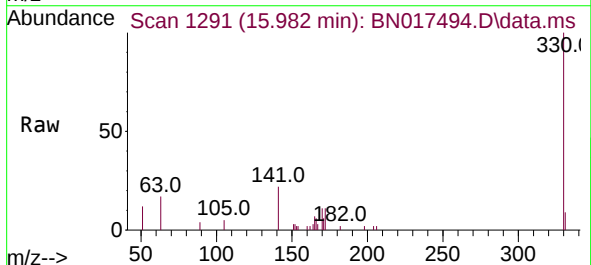
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

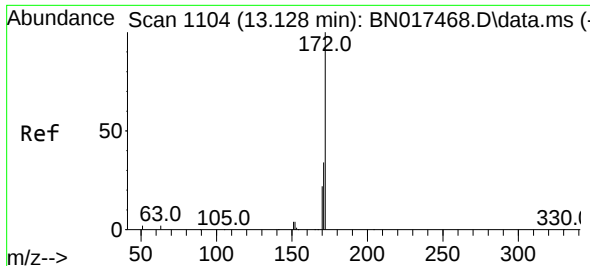
Tgt Ion:164 Resp: 57901
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.2
160 48.1 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:330 Resp: 4850
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 28.9 43.3

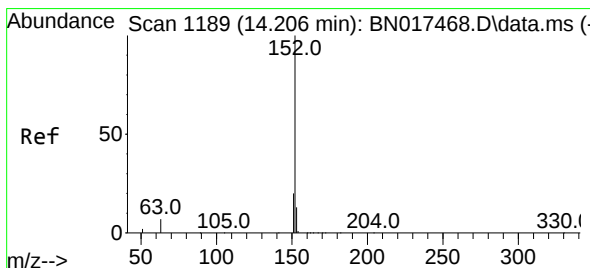
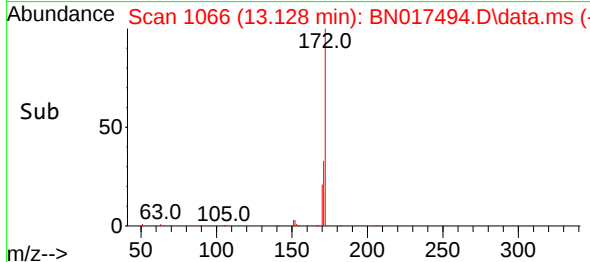
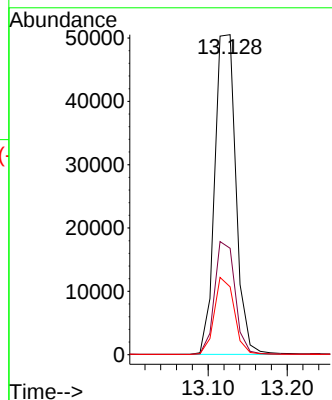
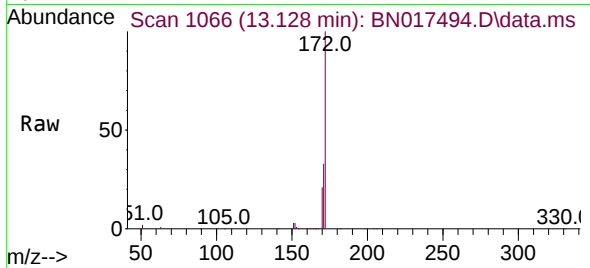




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.128 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

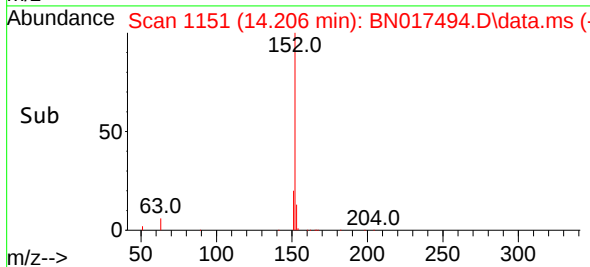
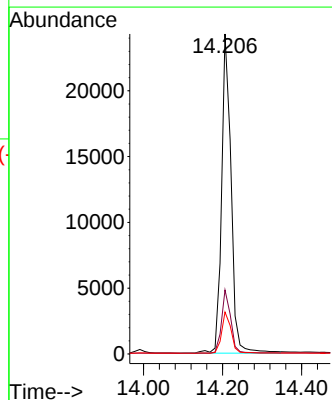
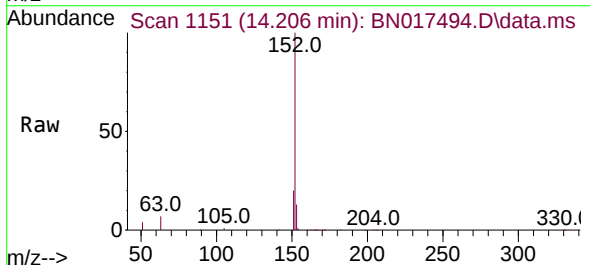
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

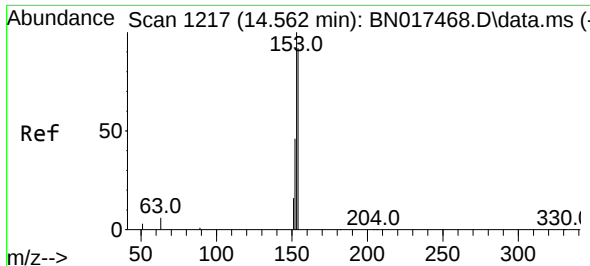
Tgt Ion:172 Resp: 93803
Ion Ratio Lower Upper
172 100
171 33.2 28.7 43.1
170 21.2 19.4 29.2



#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.206 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:152 Resp: 40387
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 10.4 15.6

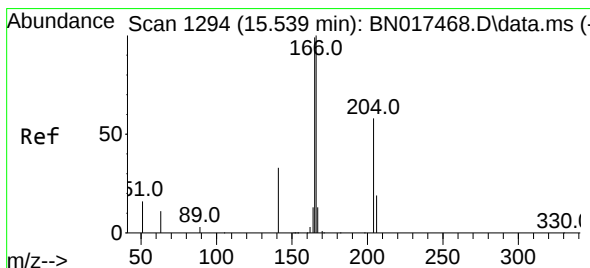
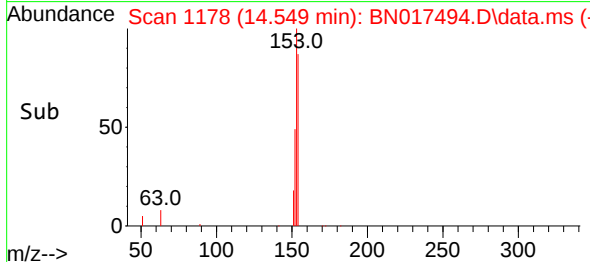
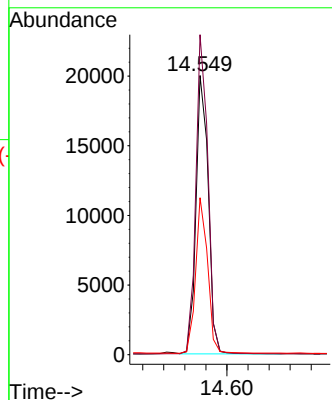
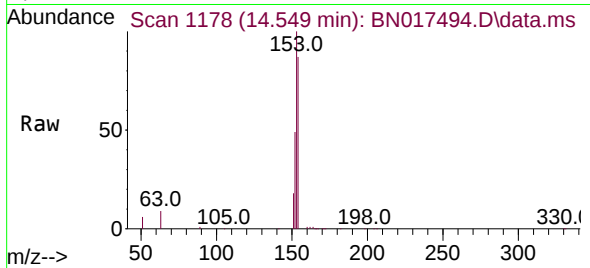




#17
Acenaphthene
Concen: 0.207 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

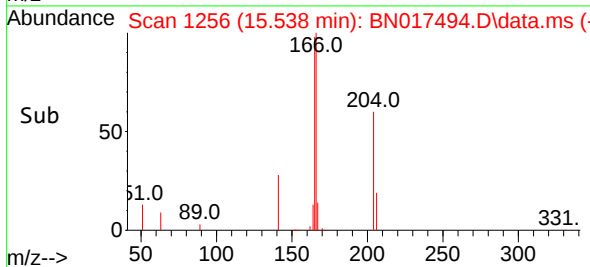
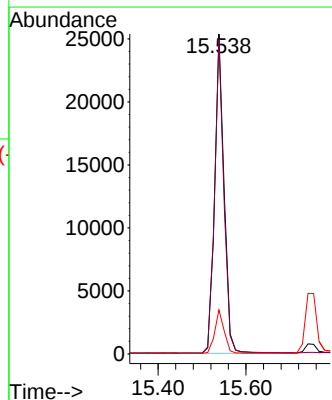
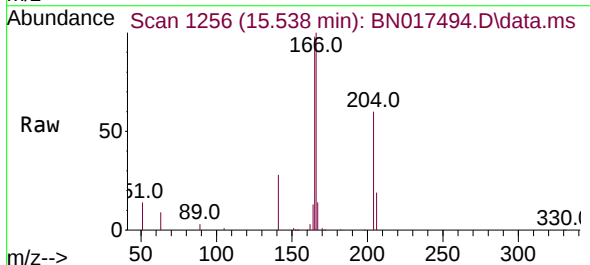
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

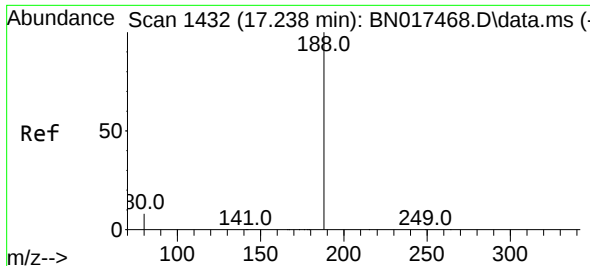
Tgt Ion:154 Resp: 32373
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 54.3 44.3 66.5



#18
Fluorene
Concen: 0.208 ng
RT: 15.538 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:166 Resp: 37397
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.4 10.9 16.3

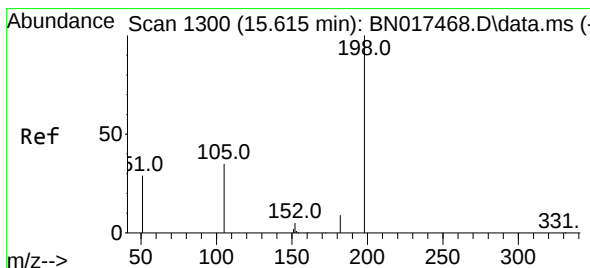
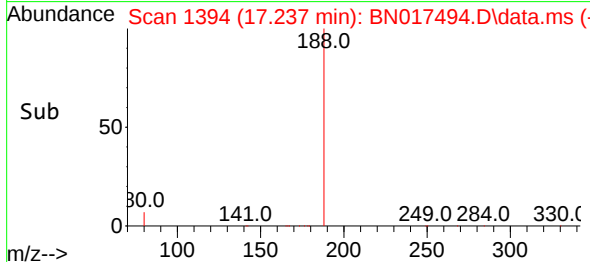
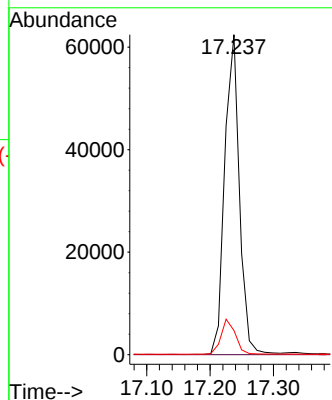
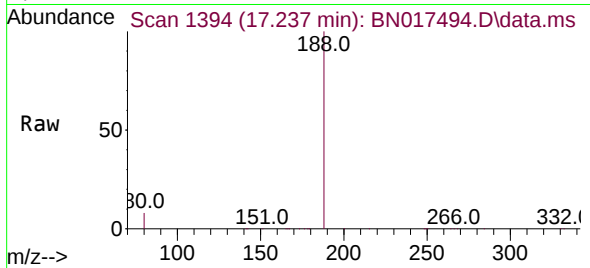




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

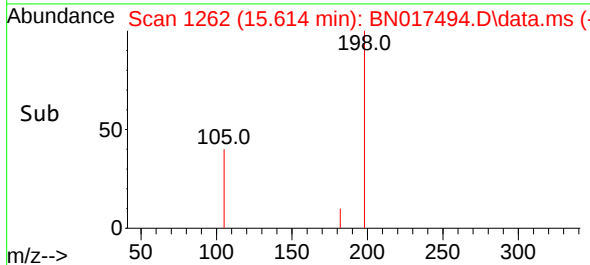
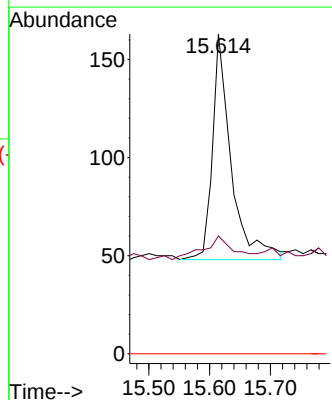
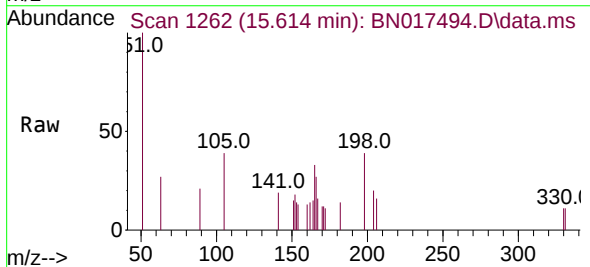
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

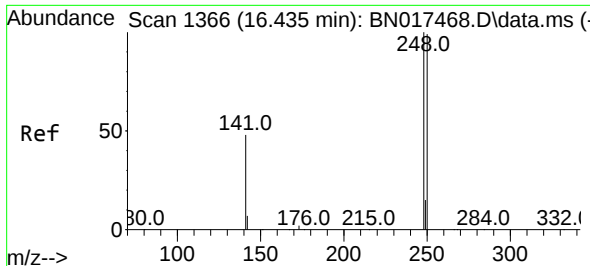
Tgt Ion:188 Resp: 99942
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 15.614 min Scan# 1262
Delta R.T. -0.001 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:198 Resp: 245
Ion Ratio Lower Upper
198 100
182 36.8 11.4 17.2#
77 0.0 0.0 0.0

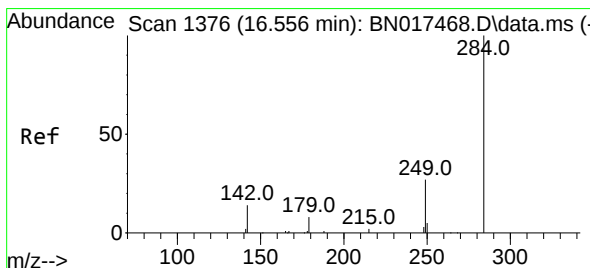
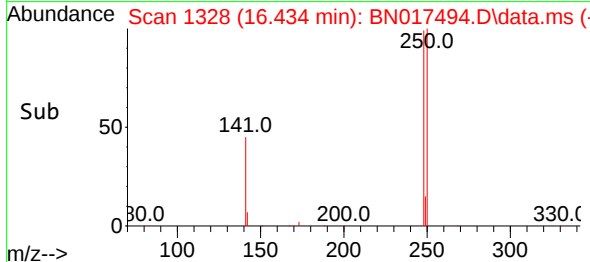
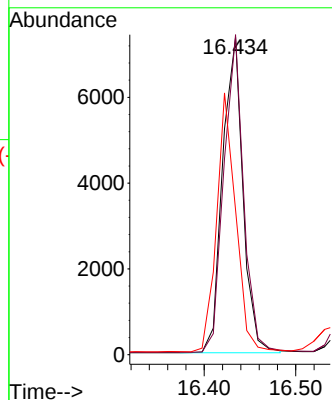
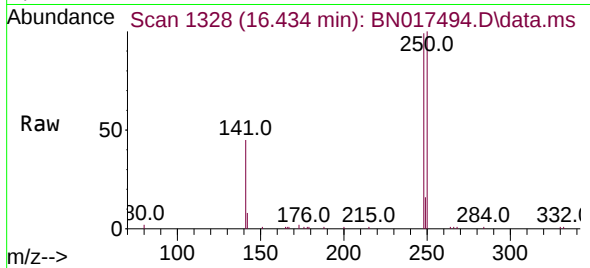




#21
4-Bromophenyl-phenylether
Concen: 0.201 ng
RT: 16.434 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

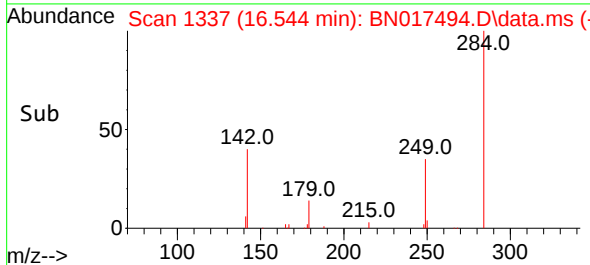
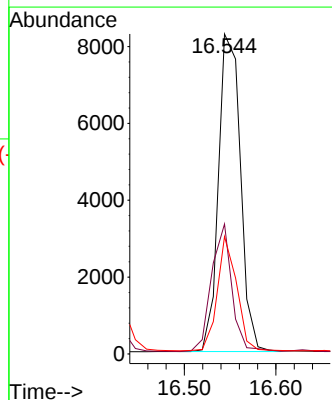
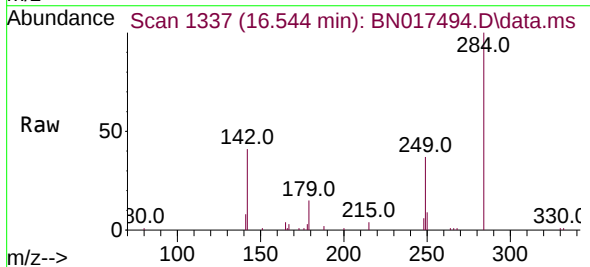
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

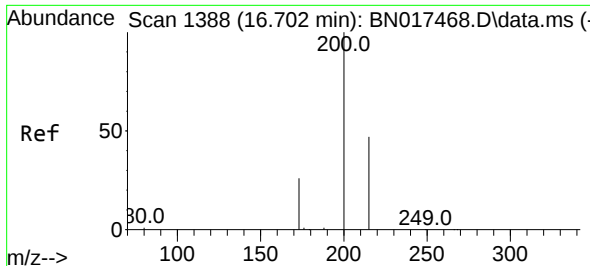
Tgt Ion:248 Resp: 11363
Ion Ratio Lower Upper
248 100
250 100.8 71.8 107.8
141 45.6 70.9 106.3#



#22
Hexachlorobenzene
Concen: 0.216 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:284 Resp: 13807
Ion Ratio Lower Upper
284 100
142 37.1 28.2 42.2
249 31.6 24.4 36.6

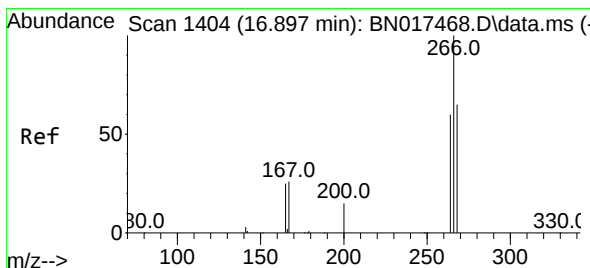
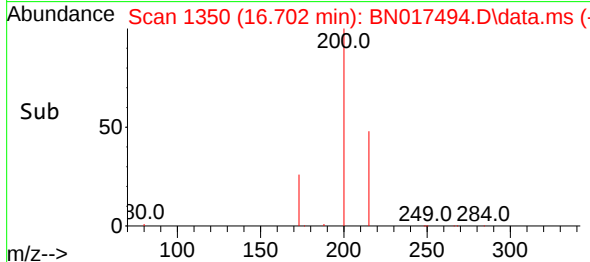
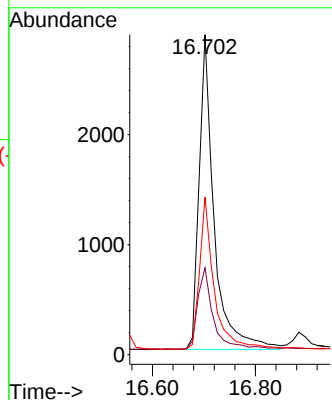
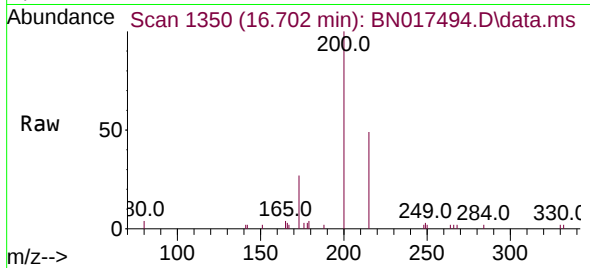




#23
Atrazine
Concen: 0.179 ng
RT: 16.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

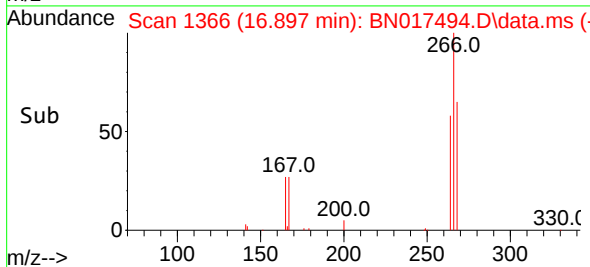
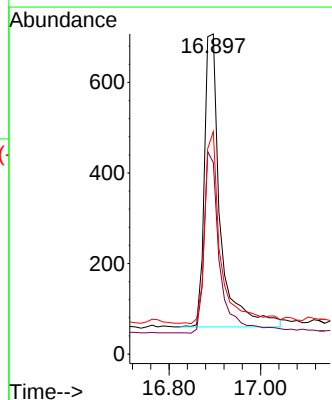
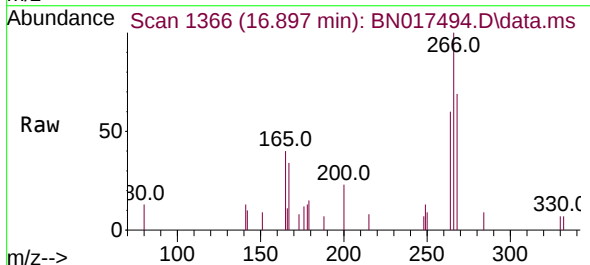
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

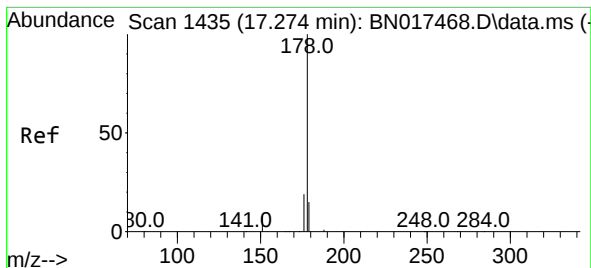
Tgt Ion:200 Resp: 5788
Ion Ratio Lower Upper
200 100
173 27.2 17.6 26.4#
215 49.3 40.2 60.4



#24
Pentachlorophenol
Concen: 0.182 ng
RT: 16.897 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:266 Resp: 1559
Ion Ratio Lower Upper
266 100
264 61.3 49.8 74.8
268 64.7 51.3 76.9





#25

Phenanthrene

Concen: 0.212 ng

RT: 17.274 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

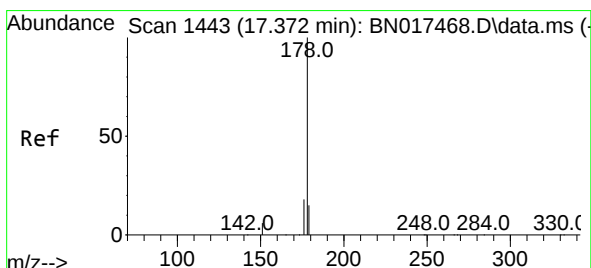
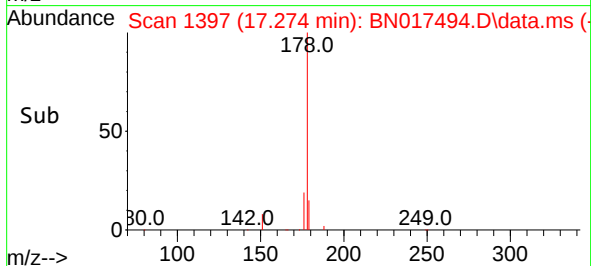
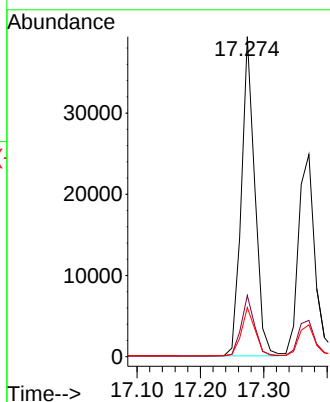
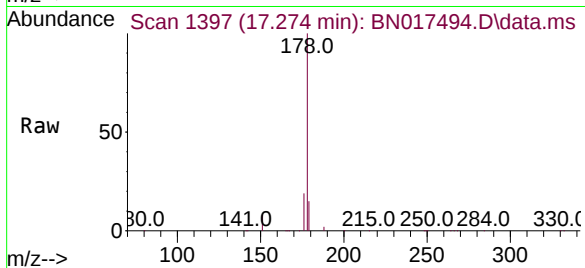
Tgt Ion:178 Resp: 58245

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.3 18.5



#26

Anthracene

Concen: 0.198 ng

RT: 17.371 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

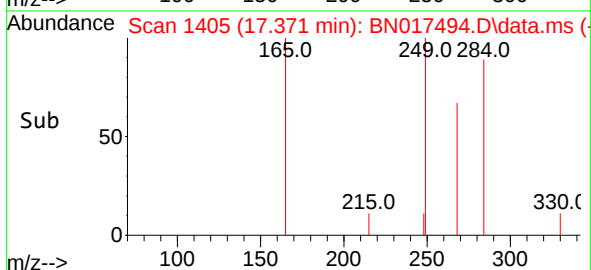
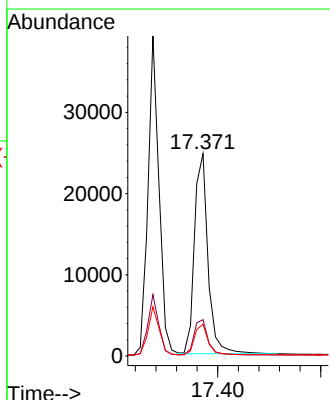
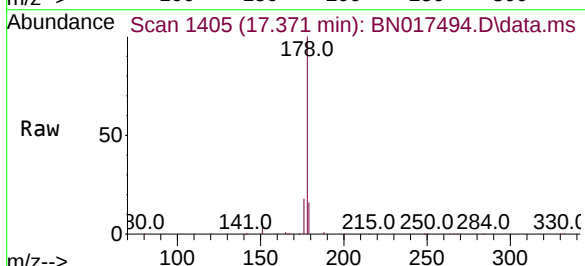
Tgt Ion:178 Resp: 45151

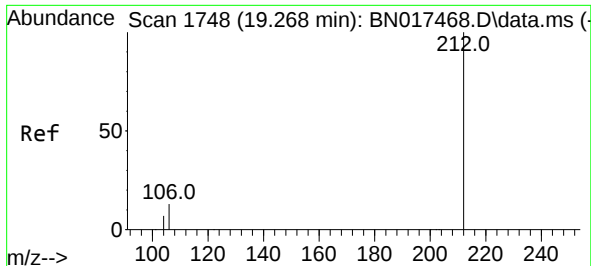
Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

179 15.3 12.2 18.4

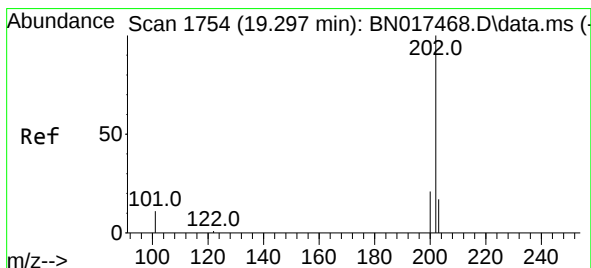
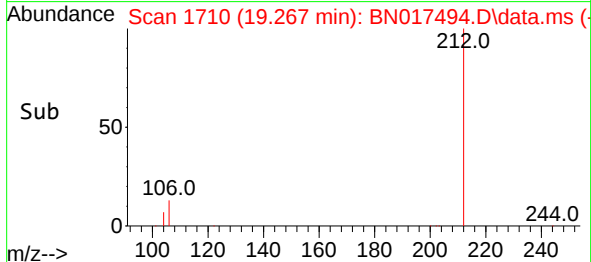
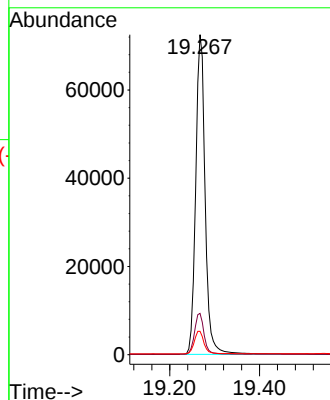
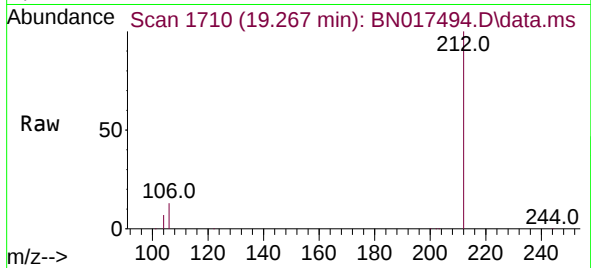




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.267 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

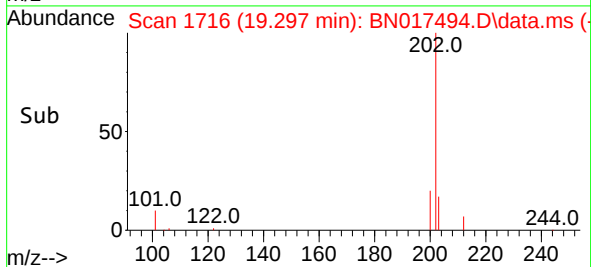
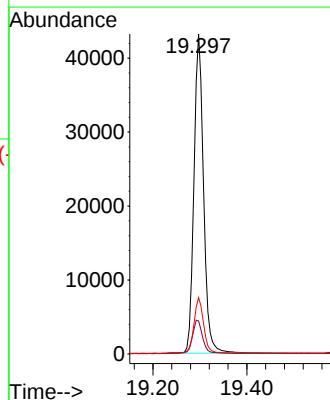
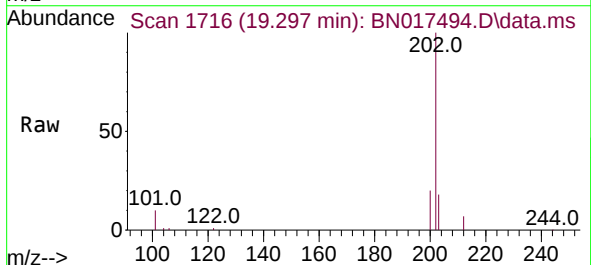
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

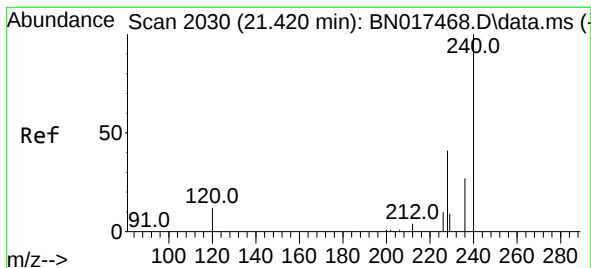
Tgt Ion:212 Resp: 106465
Ion Ratio Lower Upper
212 100
106 12.9 10.5 15.7
104 7.3 5.8 8.6



#28
Fluoranthene
Concen: 0.208 ng
RT: 19.297 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

Tgt Ion:202 Resp: 61244
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
203 17.4 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.419 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

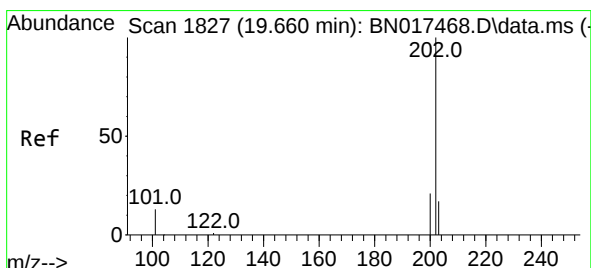
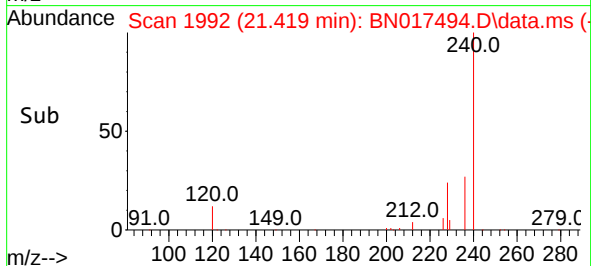
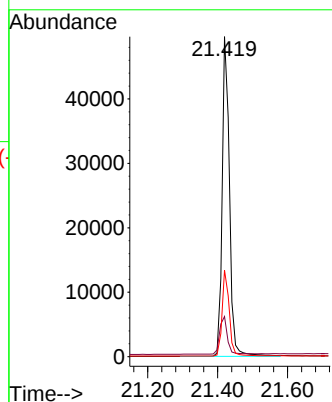
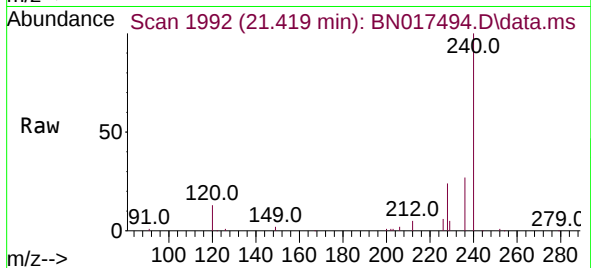
Tgt Ion:240 Resp: 72072

Ion Ratio Lower Upper

240 100

120 12.6 4.2 6.2#

236 27.1 20.0 30.0



#30

Pyrene

Concen: 0.228 ng

RT: 19.659 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

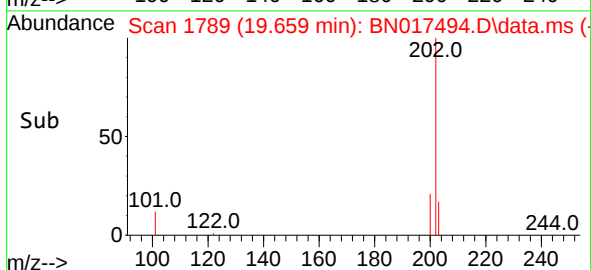
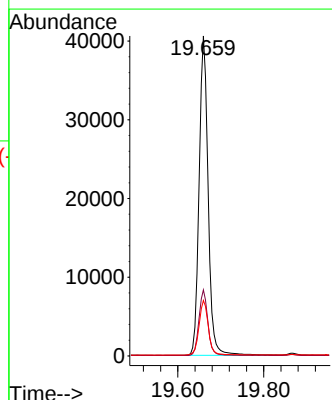
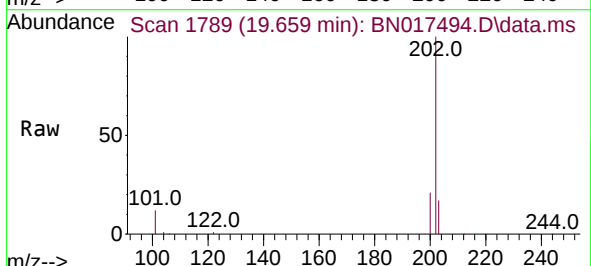
Tgt Ion:202 Resp: 59156

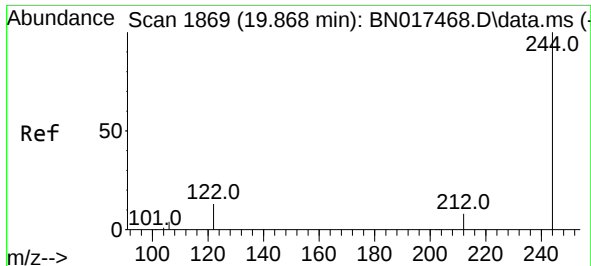
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 17.6 14.0 21.0

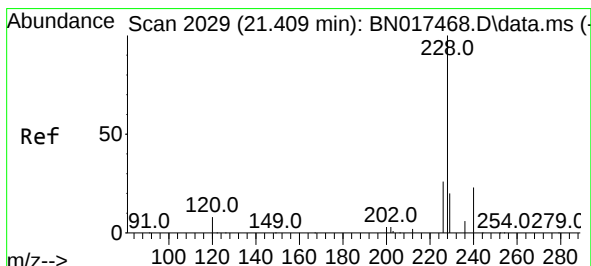
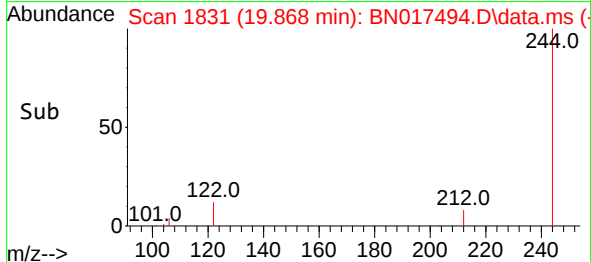
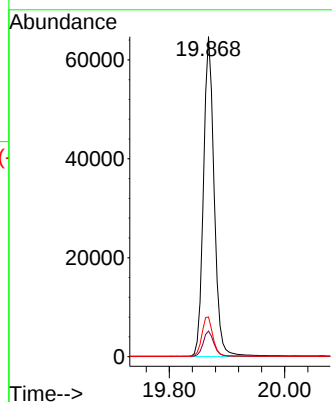
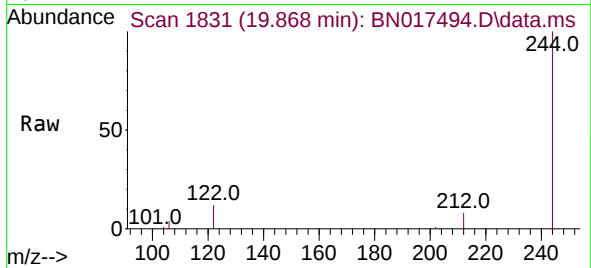




#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017494.D
 Acq: 17 Nov 2021 14:30

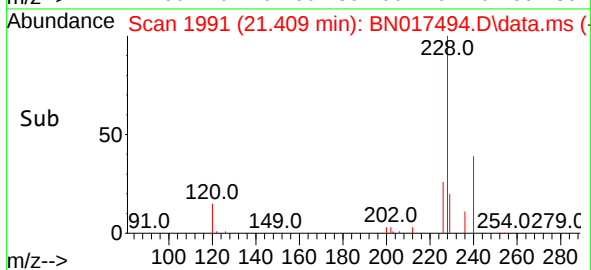
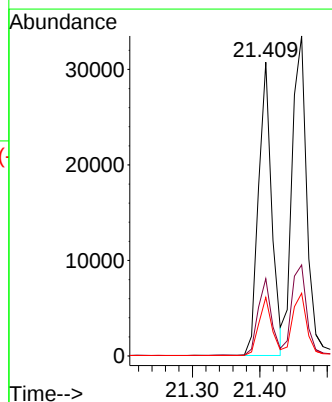
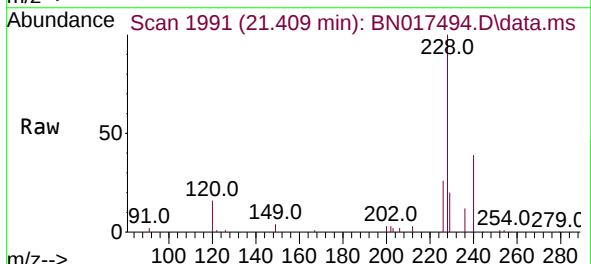
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

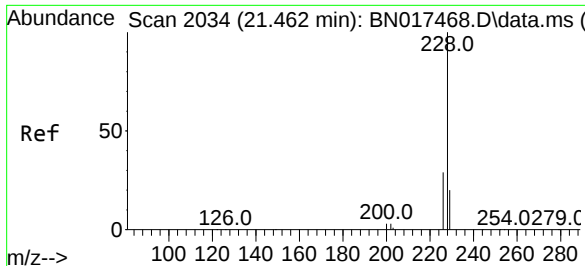
Tgt Ion:244 Resp: 83071
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 12.4 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.187 ng
 RT: 21.409 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN017494.D
 Acq: 17 Nov 2021 14:30

Tgt Ion:228 Resp: 41741
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.3 31.9
 229 19.9 15.7 23.5





#33

Chrysene

Concen: 0.217 ng

RT: 21.462 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

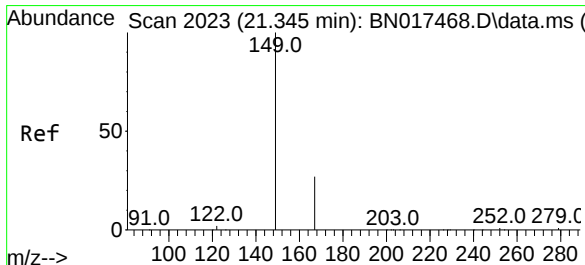
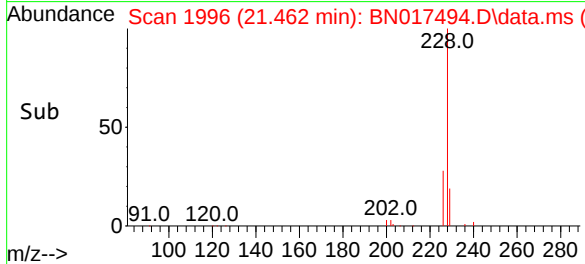
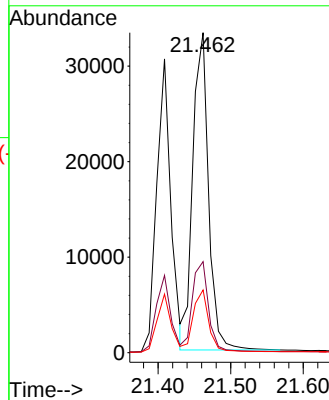
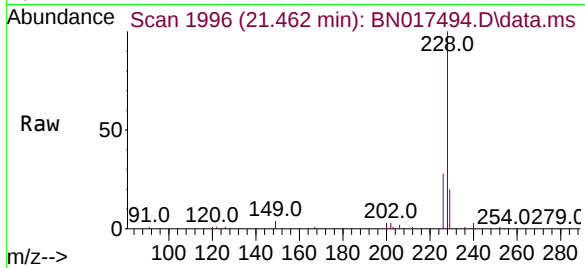
Tgt Ion:228 Resp: 49896

Ion Ratio Lower Upper

228 100

226 28.4 23.3 34.9

229 19.6 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.169 ng

RT: 21.345 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

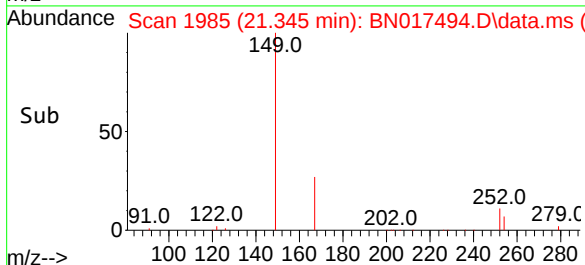
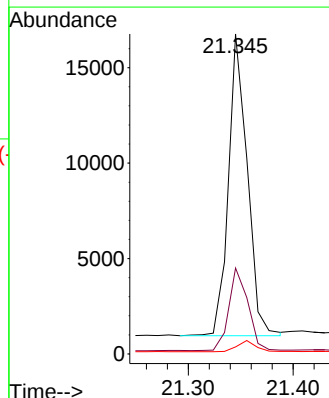
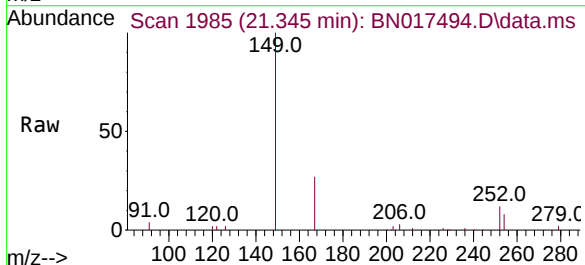
Tgt Ion:149 Resp: 19691

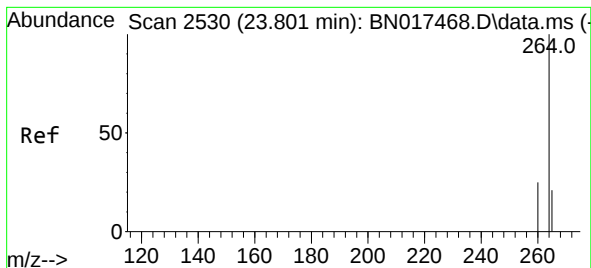
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 3.7 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.797 min Scan# 2491

Delta R.T. -0.004 min

Lab File: BN017494.D

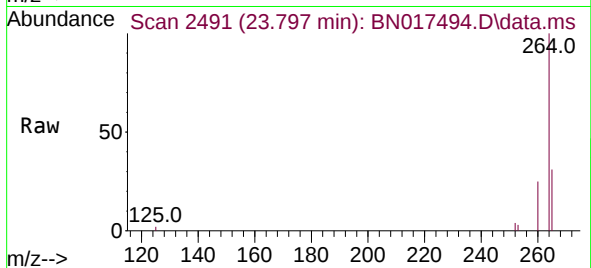
Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



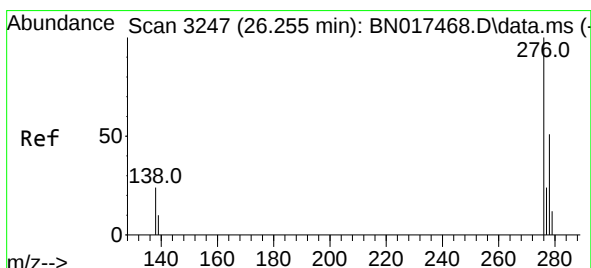
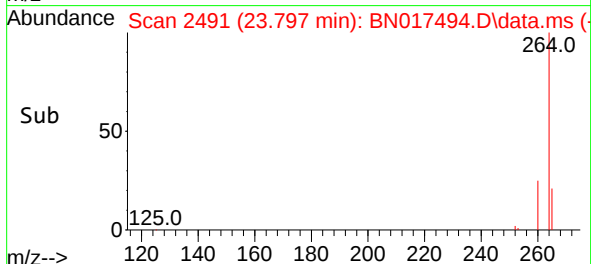
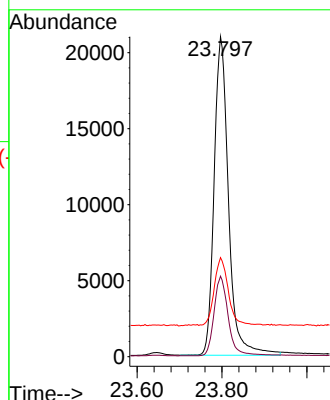
Tgt Ion:264 Resp: 49159

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 31.0 18.6 28.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.157 ng

RT: 26.251 min Scan# 3208

Delta R.T. -0.004 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

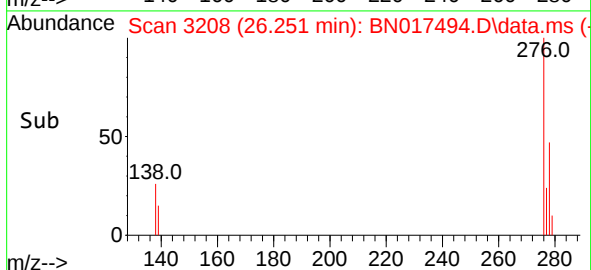
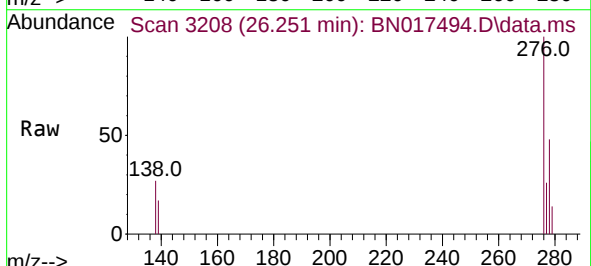
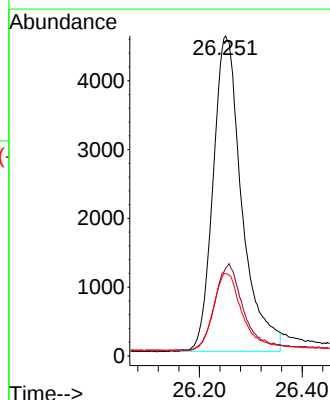
Tgt Ion:276 Resp: 17764

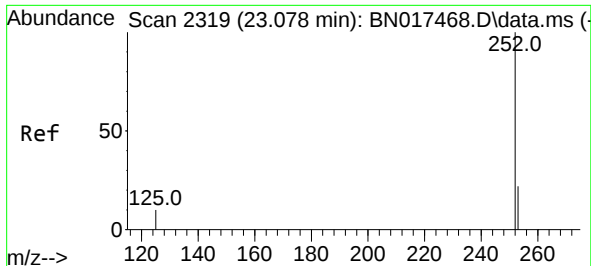
Ion Ratio Lower Upper

276 100

138 27.2 19.7 29.5

277 24.8 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.204 ng

RT: 23.075 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

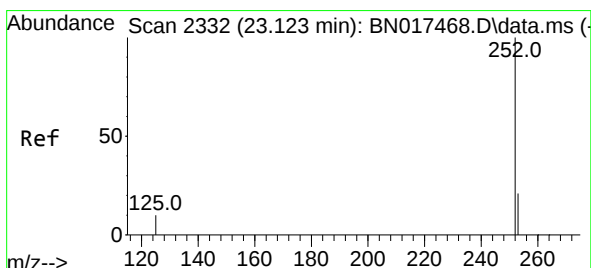
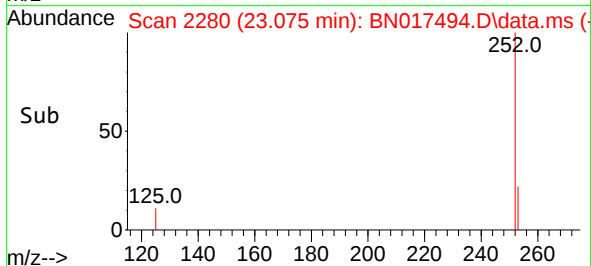
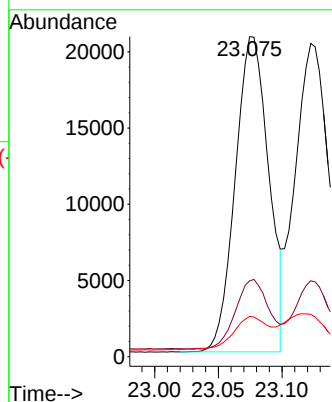
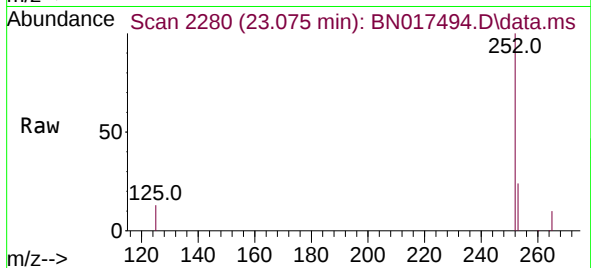
Tgt Ion:252 Resp: 37752

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 12.6 7.8 11.8#



#38

Benzo(k)fluoranthene

Concen: 0.206 ng

RT: 23.122 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

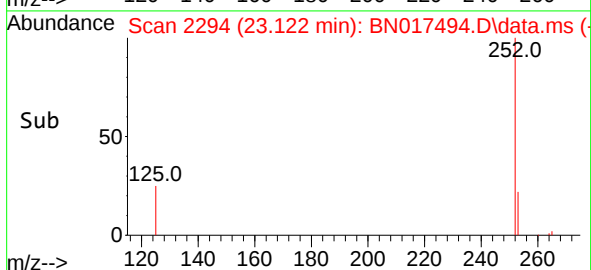
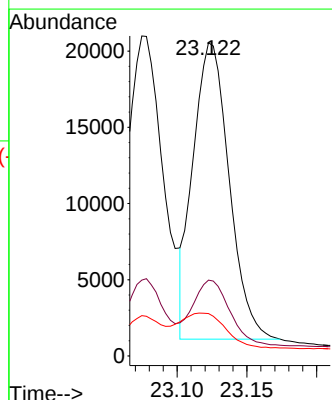
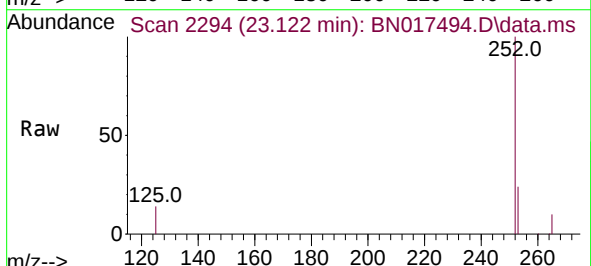
Tgt Ion:252 Resp: 34955

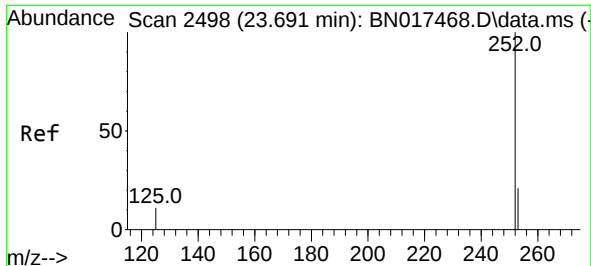
Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 13.5 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.191 ng

RT: 23.691 min Scan# 2498

Delta R.T. -0.000 min

Lab File: BN017494.D

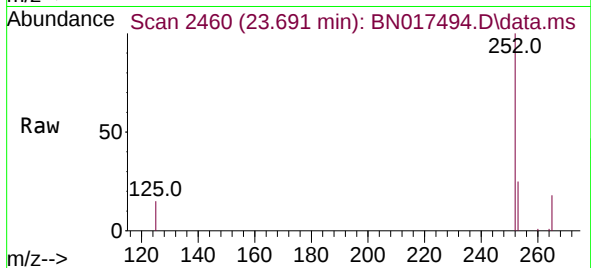
Acq: 17 Nov 2021 14:30

Instrument :

BNA_N

ClientSampleId :

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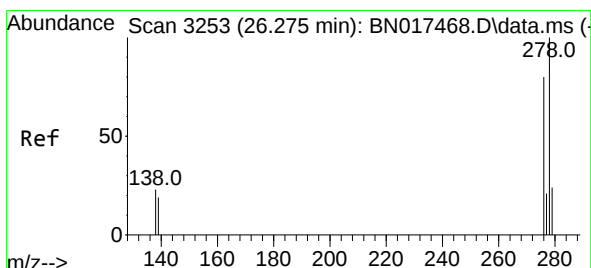
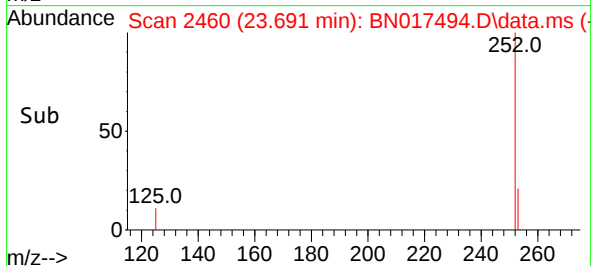
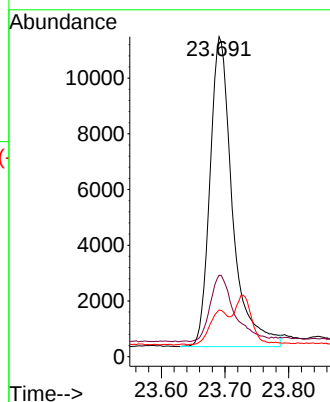
Tgt Ion:252 Resp: 27294

Ion Ratio Lower Upper

252 100

253 25.4 17.9 26.9

125 14.6 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.141 ng

RT: 26.268 min Scan# 3213

Delta R.T. -0.007 min

Lab File: BN017494.D

Acq: 17 Nov 2021 14:30

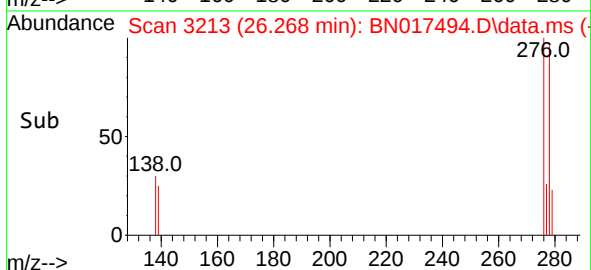
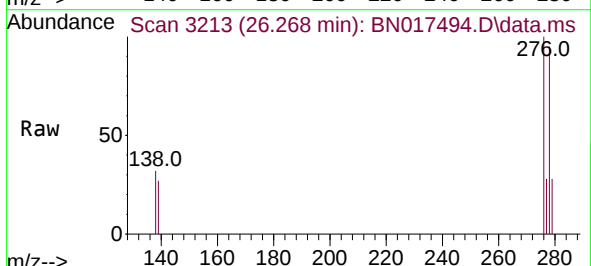
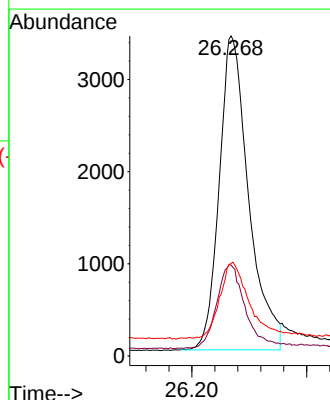
Tgt Ion:278 Resp: 12131

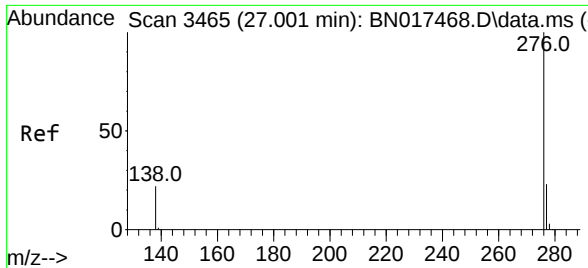
Ion Ratio Lower Upper

278 100

139 28.5 13.0 19.6#

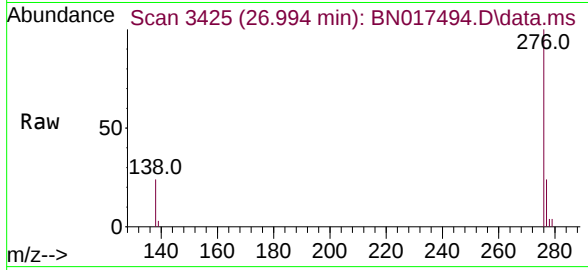
279 28.9 19.2 28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 26.994 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN017494.D
Acq: 17 Nov 2021 14:30

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



Tgt Ion:276 Resp: 19320
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 23.8 17.1 25.7

