

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
 Data File : BN017505.D
 Acq On : 18 Nov 2021 12:30
 Operator : CG/JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Nov 18 13:14:57 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)

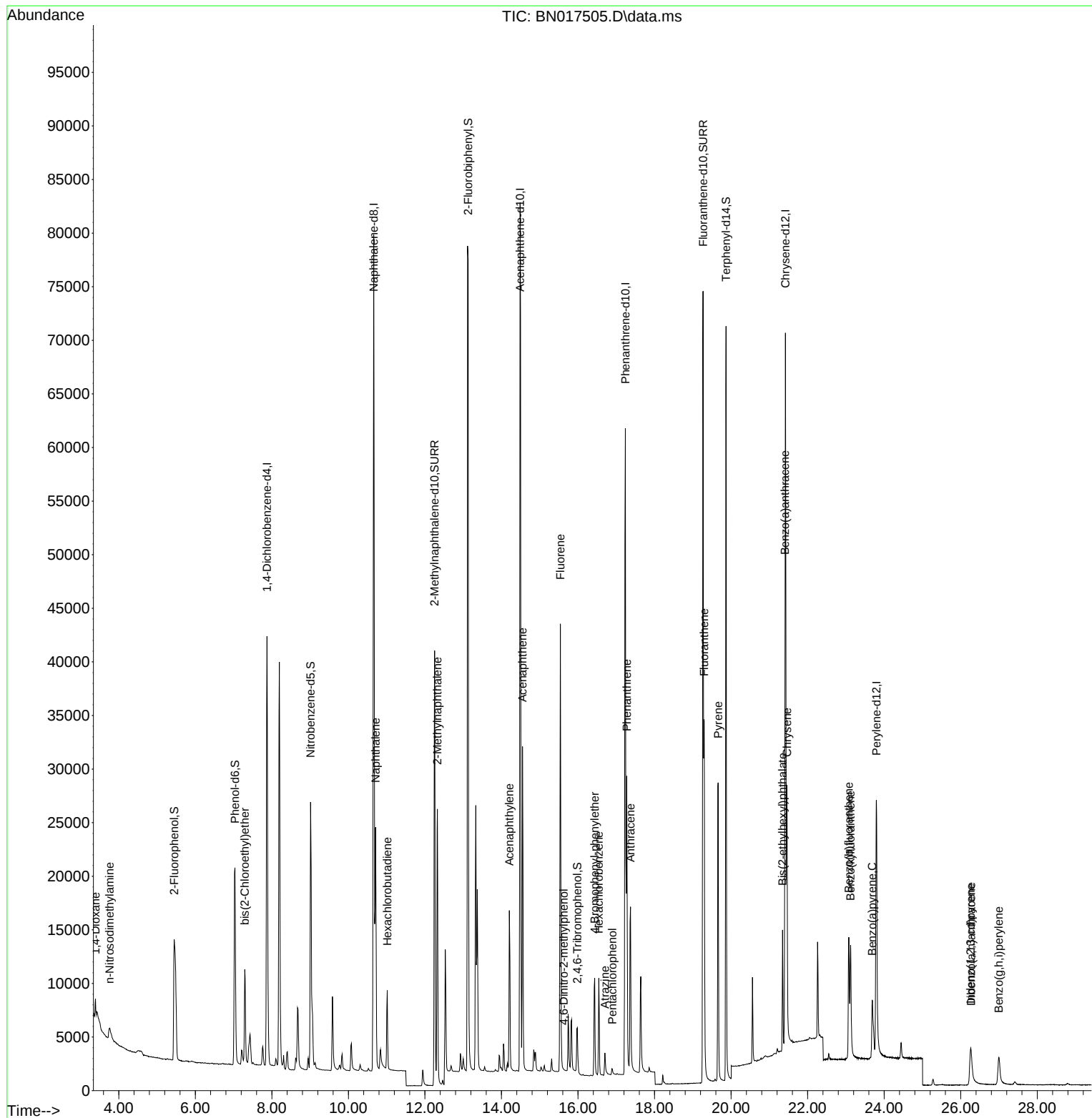
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	25580	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	108247	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	53644	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	95686	0.400	ng	0.00
29) Chrysene-d12	21.419	240	63293	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	39866	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	21926	0.360	ng	0.00
5) Phenol-d6	7.034	99	23610	0.360	ng	0.00
8) Nitrobenzene-d5	9.013	82	22998	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	60168	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	3800	0.279	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	84678	0.419	ng	0.00
27) Fluoranthene-d10	19.267	212	94343	0.330	ng	0.00
31) Terphenyl-d14	19.868	244	75415	0.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	836	0.074	ng	# 69
3) n-Nitrosodimethylamine	3.761	42	1596	0.074	ng	86
6) bis(2-Chloroethyl)ether	7.293	93	8431	0.120	ng	94
9) Naphthalene	10.711	128	30427	0.112	ng	99
10) Hexachlorobutadiene	11.016	225	6412	0.113	ng	# 100
12) 2-Methylnaphthalene	12.324	142	19484	0.113	ng	98
16) Acenaphthylene	14.206	152	18588	0.093	ng	100
17) Acenaphthene	14.549	154	15824	0.109	ng	98
18) Fluorene	15.538	166	18057	0.108	ng	100
20) 4,6-Dinitro-2-methylph...	15.627	198	51	0.106	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	5554	0.102	ng	# 73
22) Hexachlorobenzene	16.544	284	6811	0.111	ng	97
23) Atrazine	16.702	200	2650	0.086	ng	# 94
24) Pentachlorophenol	16.896	266	482	0.119	ng	93
25) Phenanthrene	17.274	178	28891	0.110	ng	99
26) Anthracene	17.371	178	21556	0.099	ng	99
28) Fluoranthene	19.297	202	30521	0.108	ng	99
30) Pyrene	19.659	202	28918	0.127	ng	100
32) Benzo(a)anthracene	21.409	228	18520	0.095	ng	100
33) Chrysene	21.462	228	23399	0.116	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	9834	0.096	ng	99
36) Indeno(1,2,3-cd)pyrene	26.258	276	6197	0.067	ng	96
37) Benzo(b)fluoranthene	23.074	252	16485	0.110	ng	# 89
38) Benzo(k)fluoranthene	23.119	252	14465	0.105	ng	# 87
39) Benzo(a)pyrene	23.687	252	10981	0.095	ng	# 81
40) Dibenzo(a,h)anthracene	26.271	278	3858	0.055	ng	# 56
41) Benzo(g,h,i)perylene	26.997	276	7212	0.083	ng	# 90

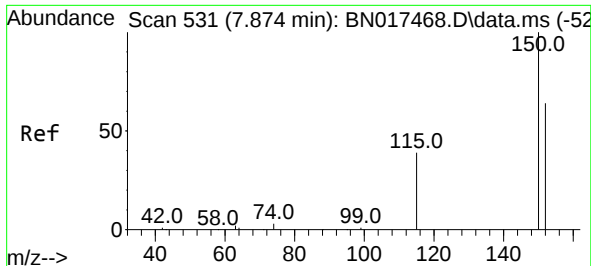
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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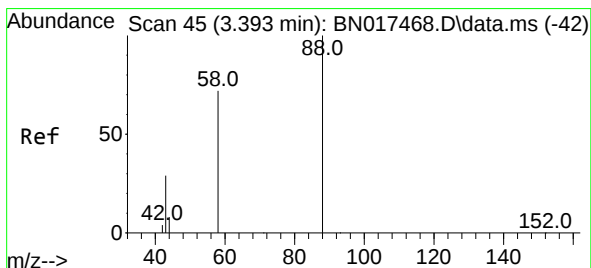
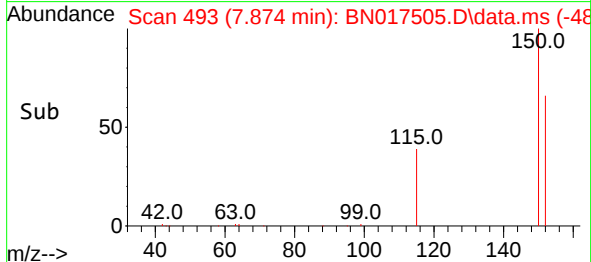
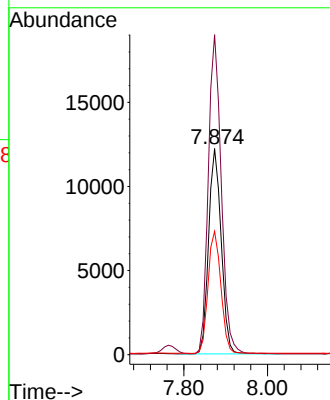
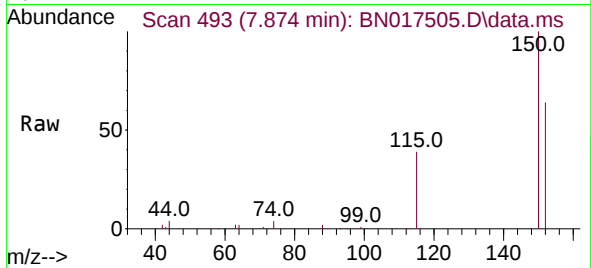




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

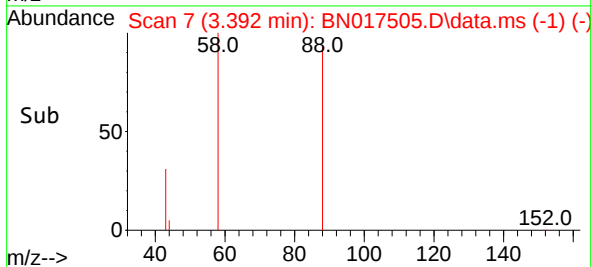
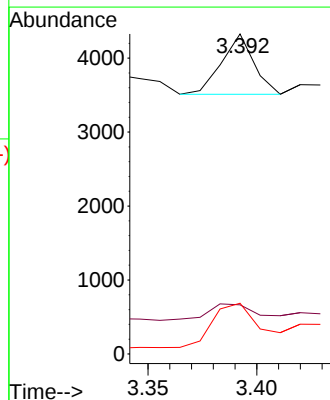
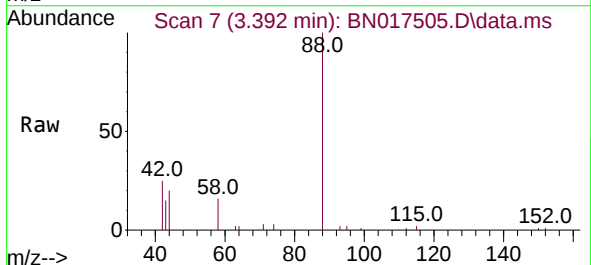
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

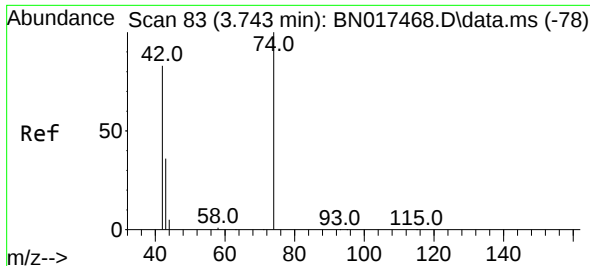
Tgt Ion:152 Resp: 25580
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 59.9 45.6 68.4



#2
1,4-Dioxane
Concen: 0.074 ng
RT: 3.392 min Scan# 7
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion: 88 Resp: 836
Ion Ratio Lower Upper
88 100
43 41.4 24.7 37.1#
58 109.8 63.0 94.6#





#3

n-Nitrosodimethylamine

Concen: 0.074 ng

RT: 3.761 min Scan# 41

Delta R.T. 0.018 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

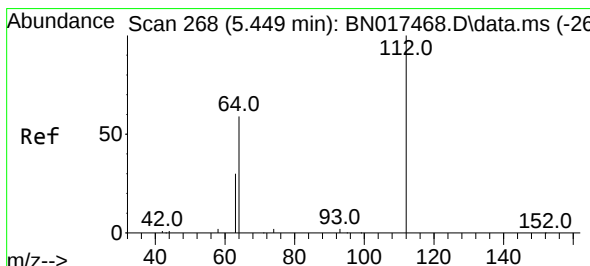
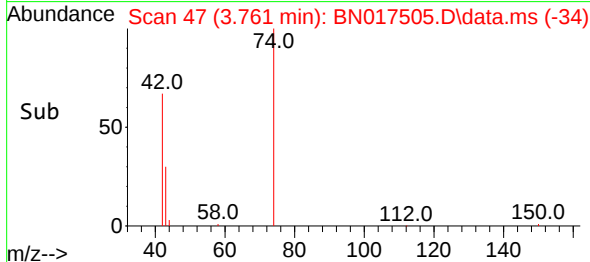
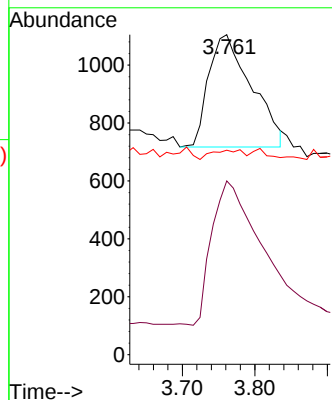
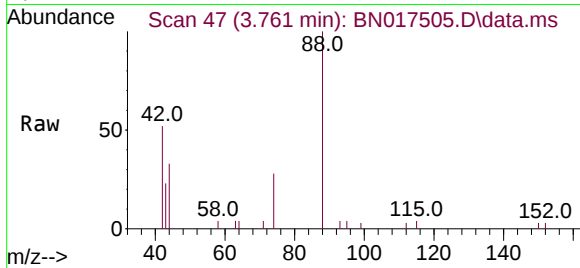
Tgt Ion: 42 Resp: 1596

Ion Ratio Lower Upper

42 100

74 138.7 97.8 146.6

44 6.1 5.5 8.3



#4

2-Fluorophenol

Concen: 0.360 ng

RT: 5.449 min Scan# 230

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

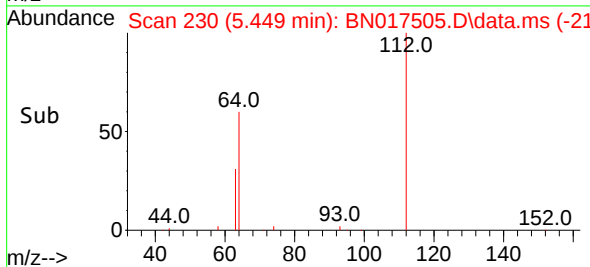
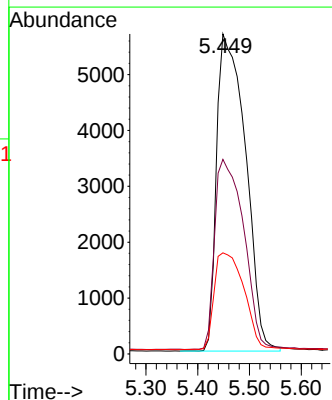
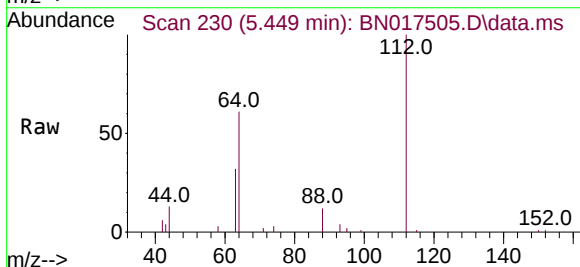
Tgt Ion: 112 Resp: 21926

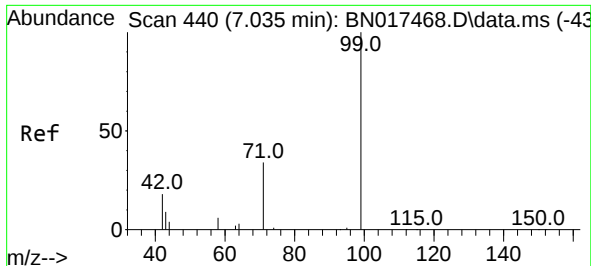
Ion Ratio Lower Upper

112 100

64 60.2 47.6 71.4

63 31.7 24.6 37.0

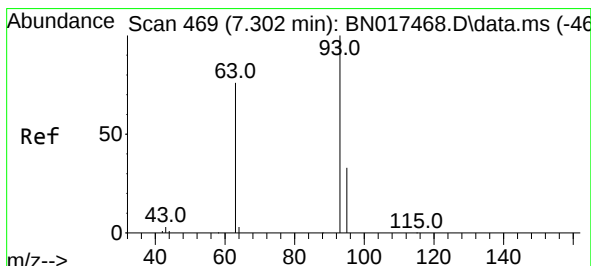
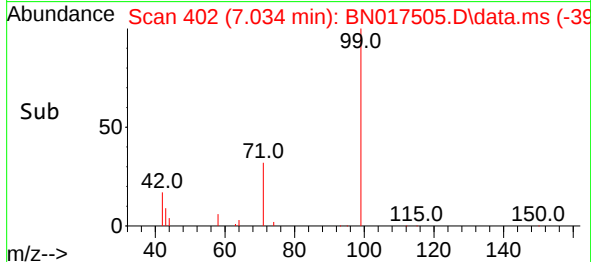
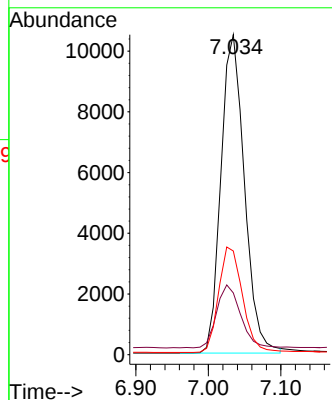
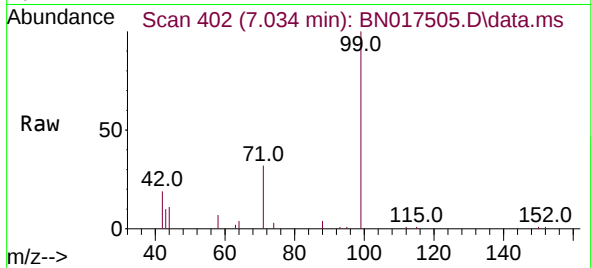




#5
Phenol-d6
Concen: 0.360 ng
RT: 7.034 min Scan# 40
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

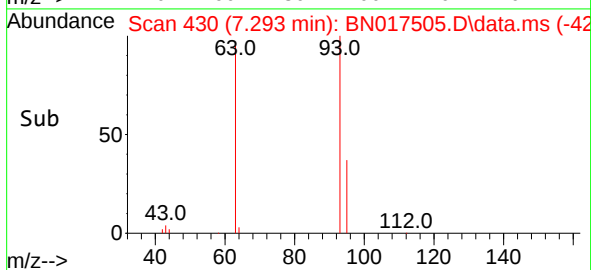
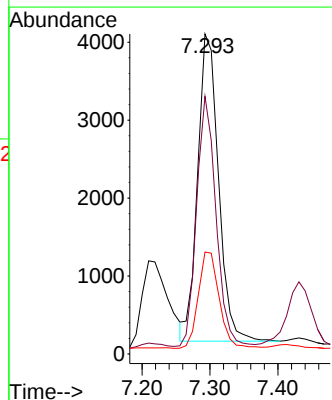
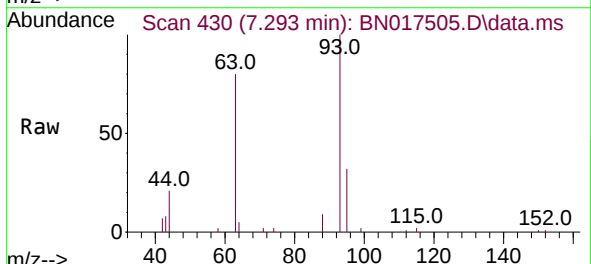
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

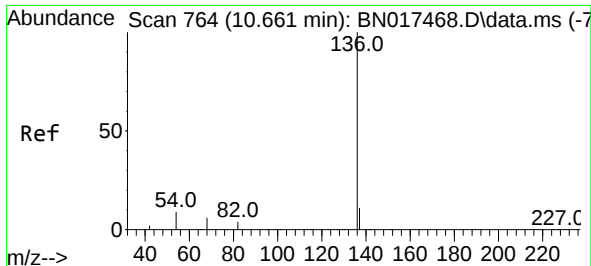
Tgt Ion: 99 Resp: 23610
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 33.8 24.8 37.2



#6
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 7.293 min Scan# 430
Delta R.T. -0.010 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion: 93 Resp: 8431
Ion Ratio Lower Upper
93 100
63 75.7 65.8 98.6
95 31.5 26.6 39.8

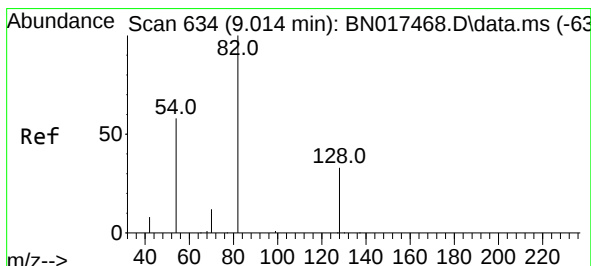
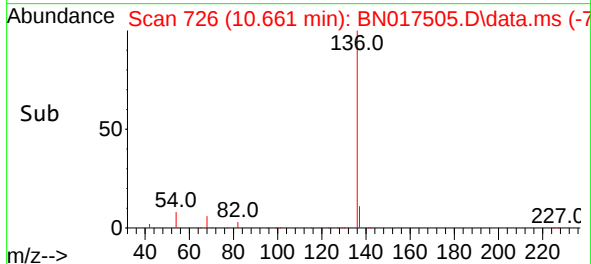
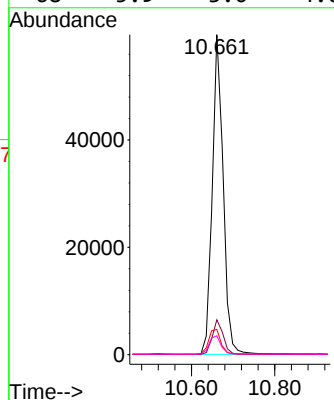
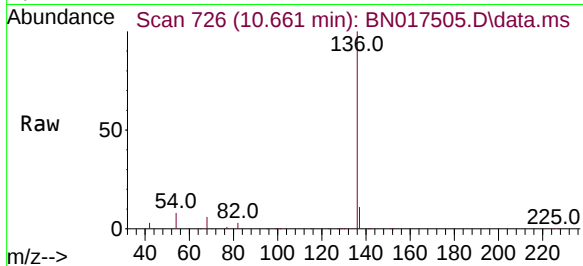




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

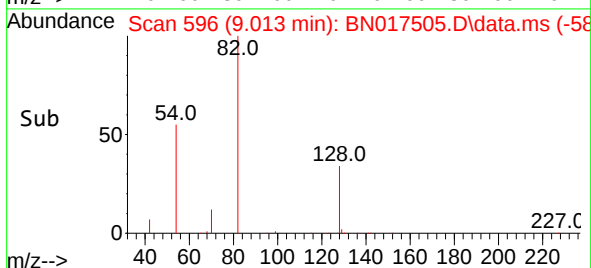
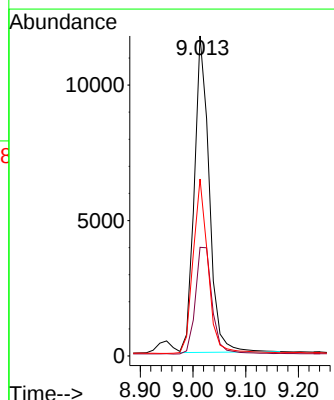
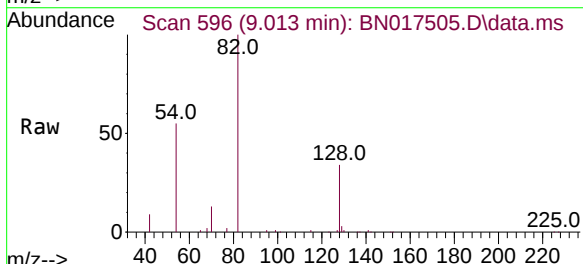
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

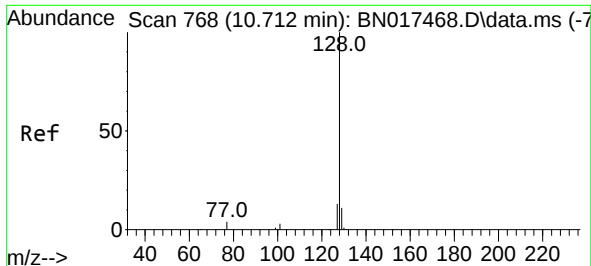
Tgt Ion:136 Resp: 108247
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 4.0 6.0#
68 5.9 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.013 min Scan# 596
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion: 82 Resp: 22998
Ion Ratio Lower Upper
82 100
128 33.9 27.7 41.5
54 55.3 49.2 73.8





#9
Naphthalene

Concen: 0.112 ng

RT: 10.711 min Scan# 711

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

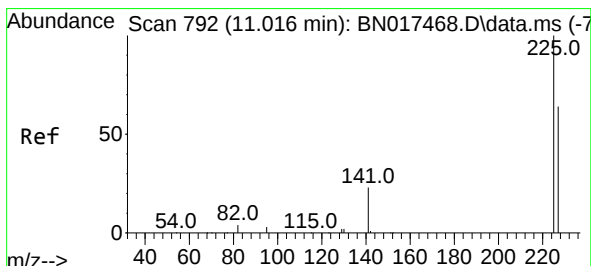
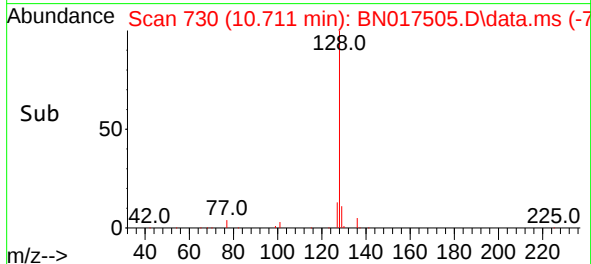
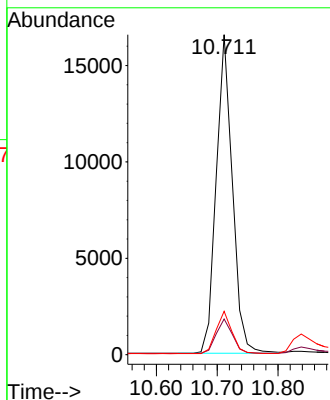
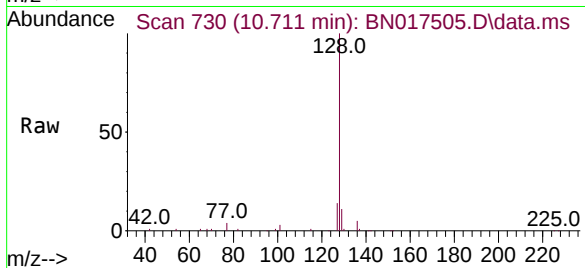
Tgt Ion:128 Resp: 30427

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.5 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.113 ng

RT: 11.016 min Scan# 754

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

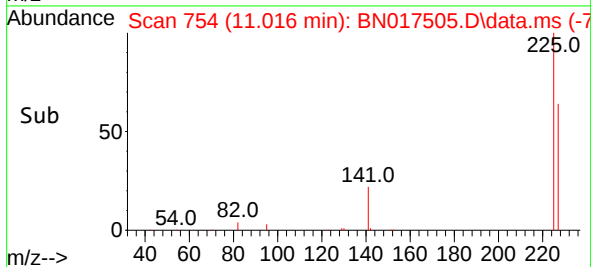
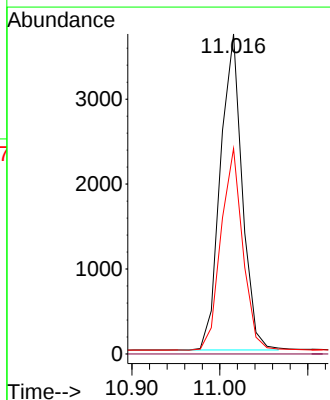
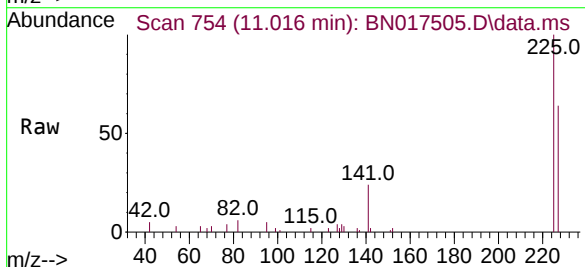
Tgt Ion:225 Resp: 6412

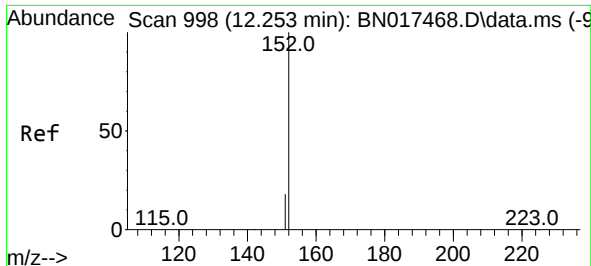
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.9 51.1 76.7

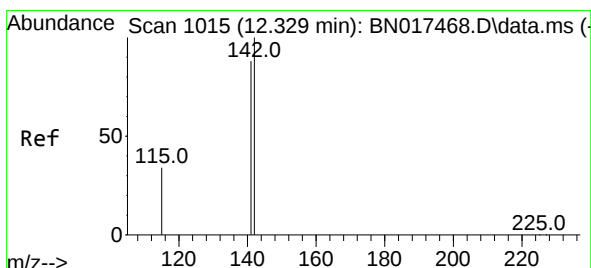
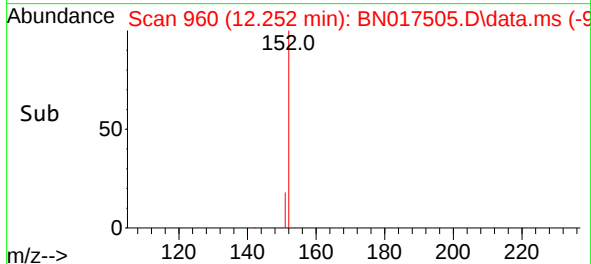
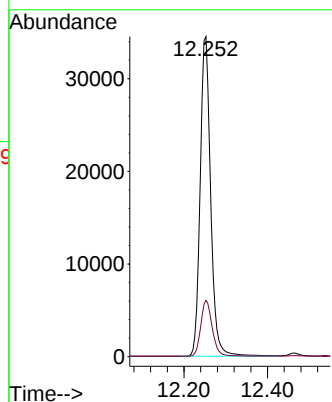
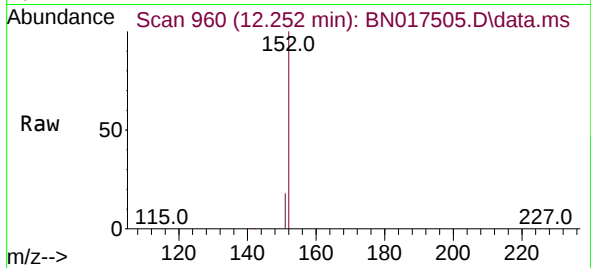




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.252 min Scan# 911
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

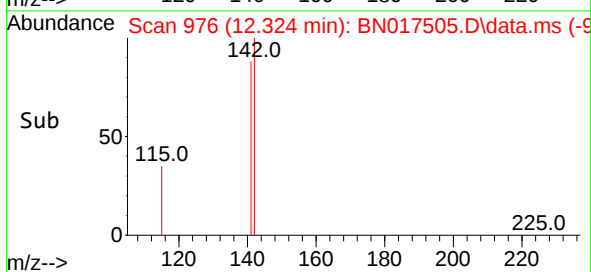
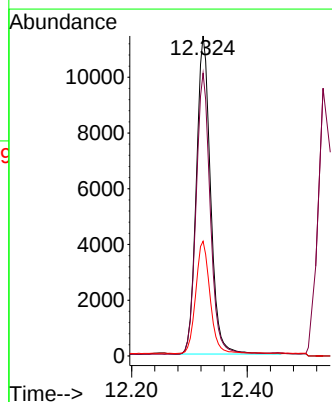
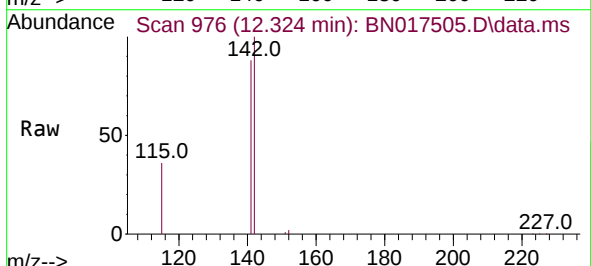
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

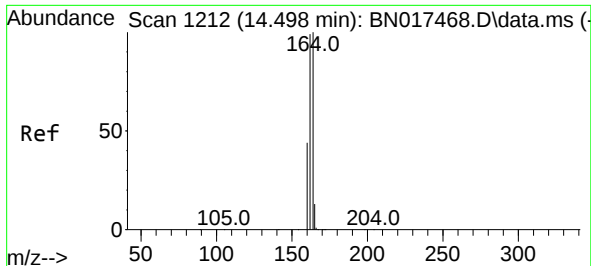
Tgt Ion:152 Resp: 60168
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.113 ng
RT: 12.324 min Scan# 976
Delta R.T. -0.005 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:142 Resp: 19484
Ion Ratio Lower Upper
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141 88.4 70.6 106.0
115 35.9 25.8 38.6

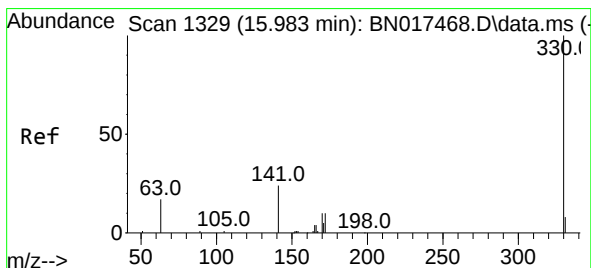
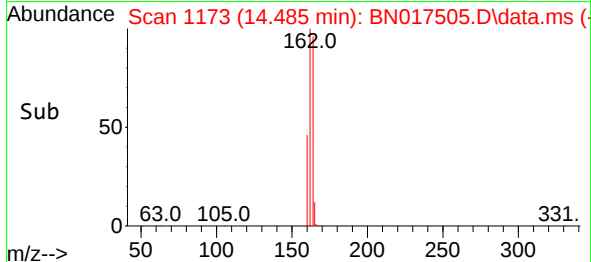
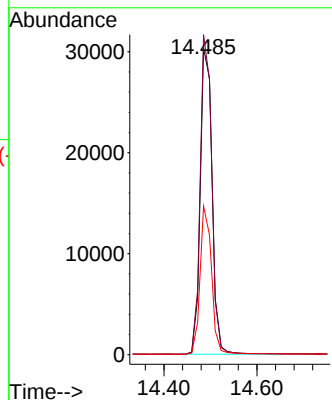
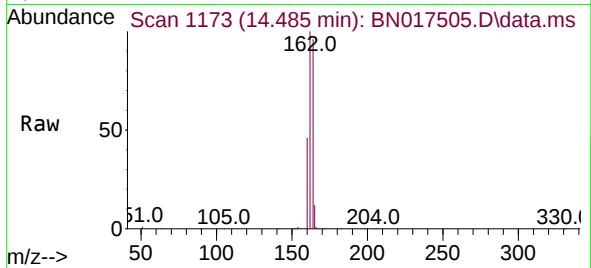




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

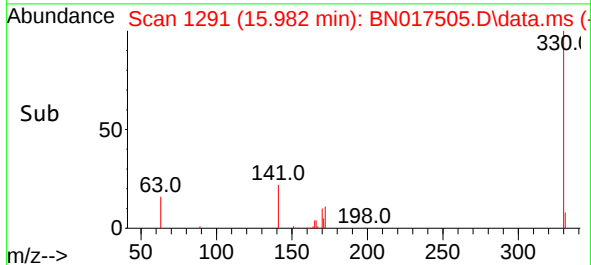
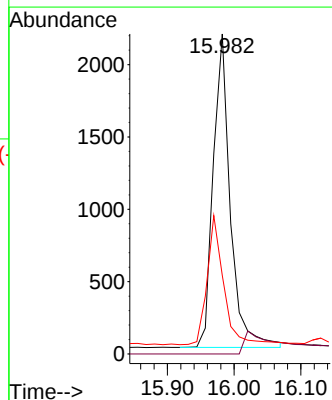
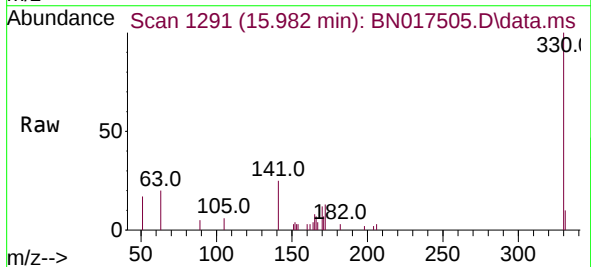
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

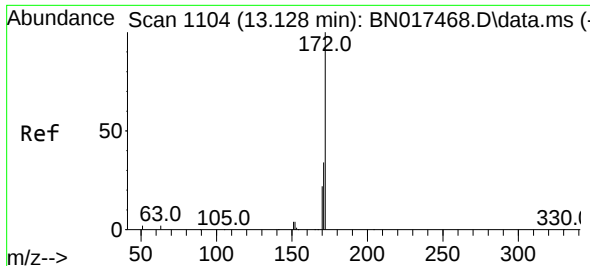
Tgt Ion:164 Resp: 53644
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.2
160 48.5 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:330 Resp: 3800
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.3 28.9 43.3

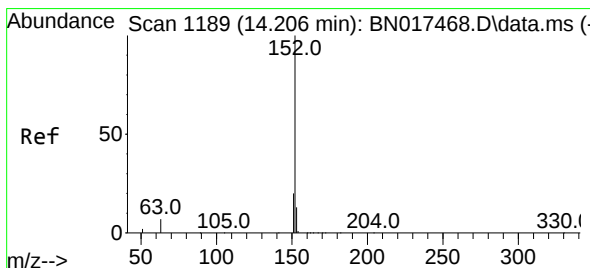
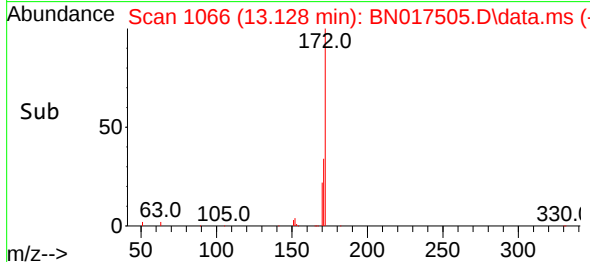
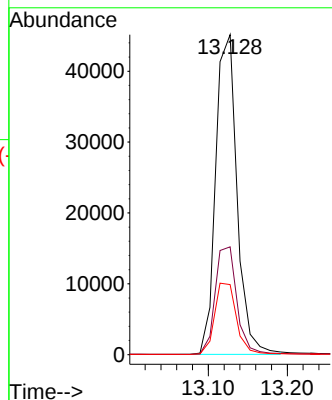
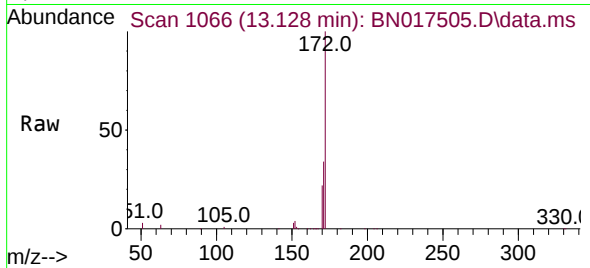




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.128 min Scan# 1104
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

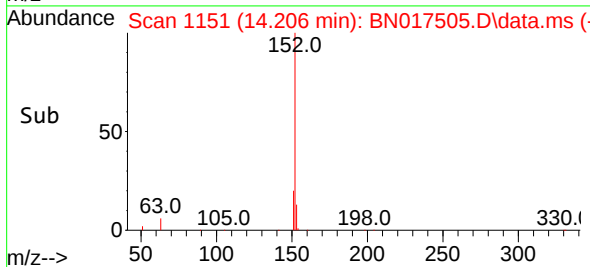
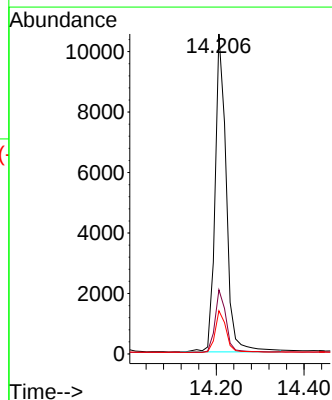
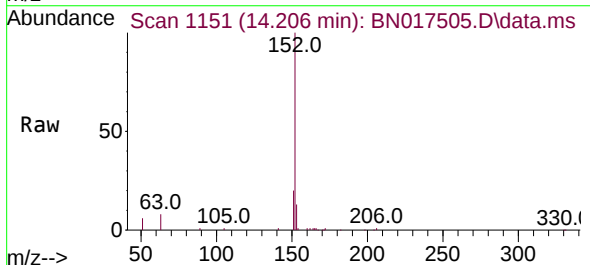
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

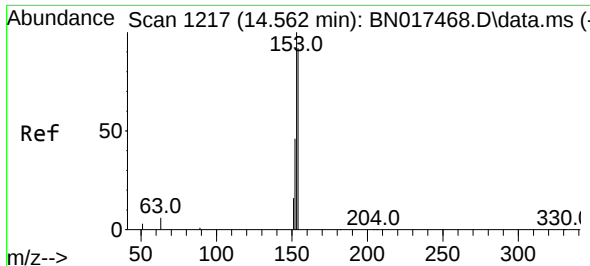
Tgt Ion:172 Resp: 84678
Ion Ratio Lower Upper
172 100
171 33.7 28.7 43.1
170 21.9 19.4 29.2



#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.206 min Scan# 1151
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:152 Resp: 18588
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 12.9 10.4 15.6

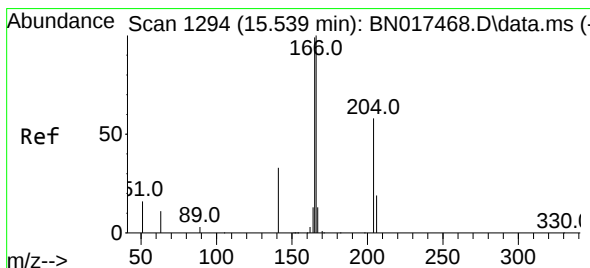
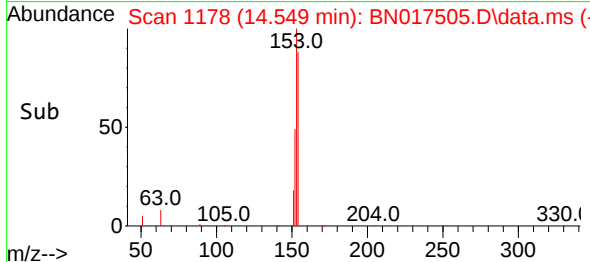
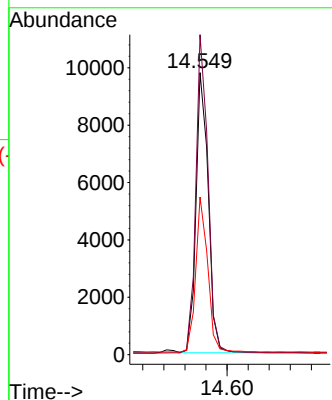
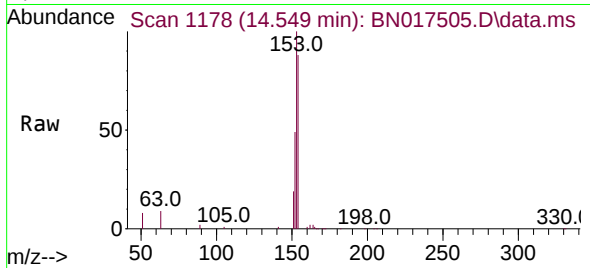




#17
Acenaphthene
Concen: 0.109 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

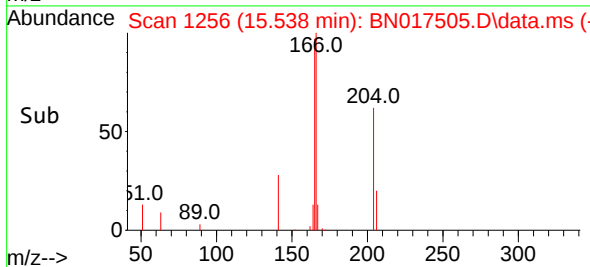
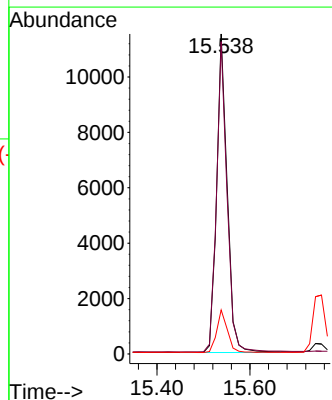
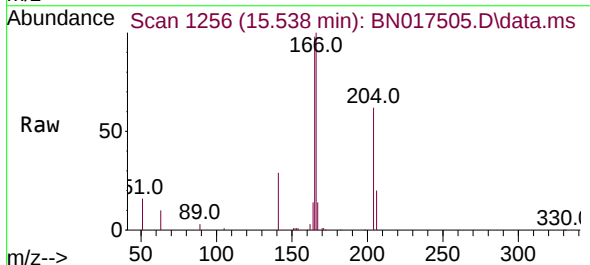
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

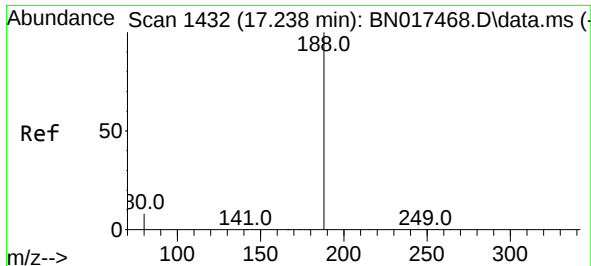
Tgt Ion:154 Resp: 15824
Ion Ratio Lower Upper
154 100
153 112.5 91.2 136.8
152 54.0 44.3 66.5



#18
Fluorene
Concen: 0.108 ng
RT: 15.538 min Scan# 1256
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:166 Resp: 18057
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.5 10.9 16.3

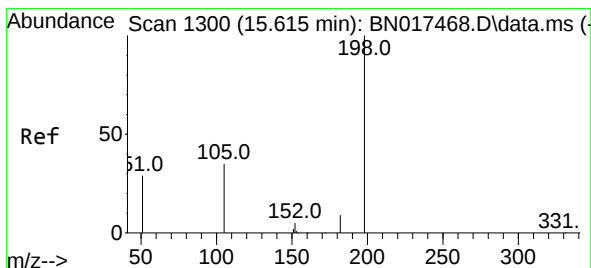
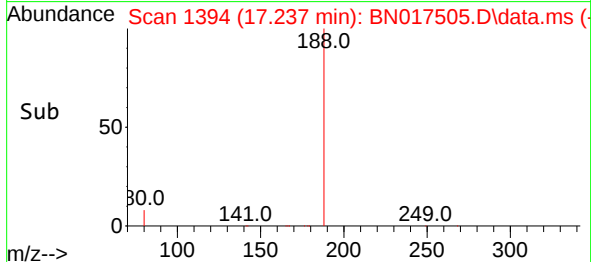
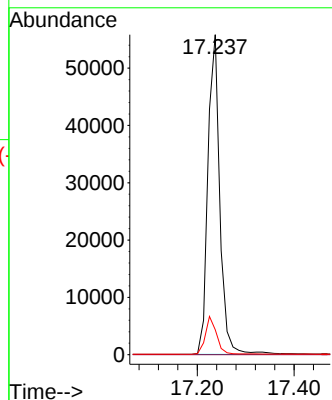
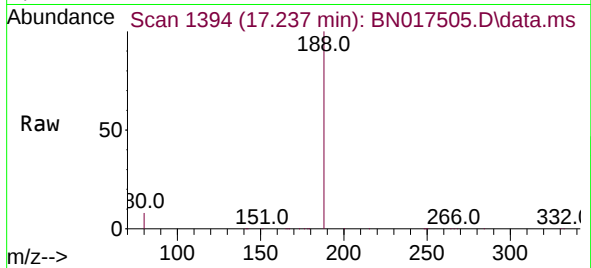




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

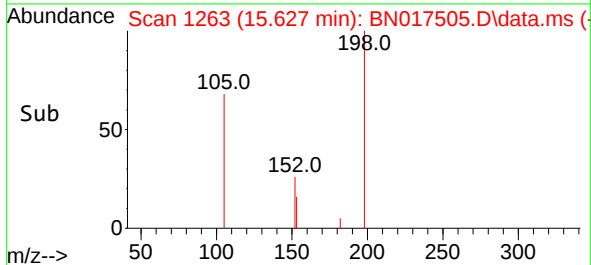
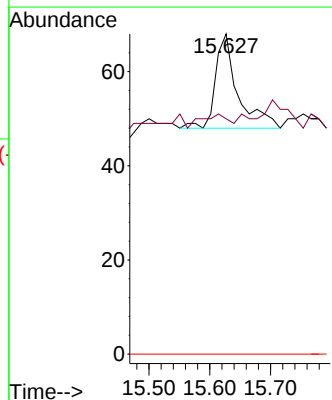
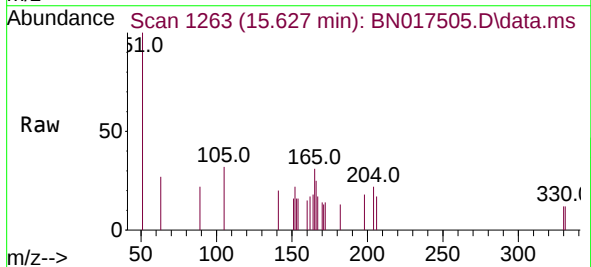
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

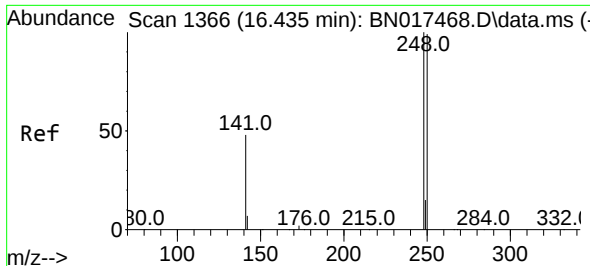
Tgt Ion:188 Resp: 95686
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 15.627 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:198 Resp: 51
Ion Ratio Lower Upper
198 100
182 73.5 11.4 17.2#
77 0.0 0.0 0.0

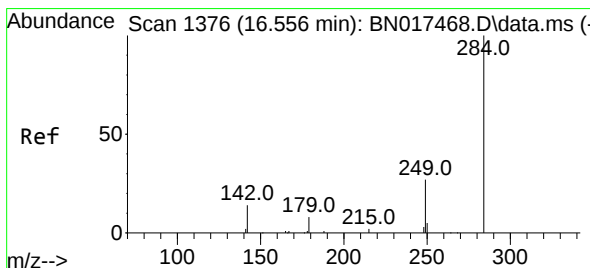
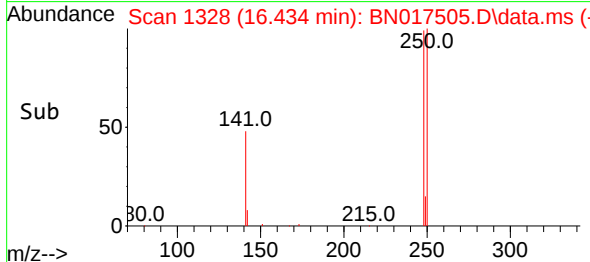
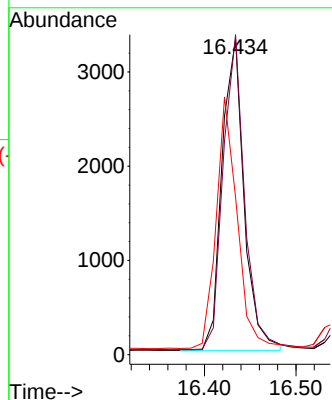
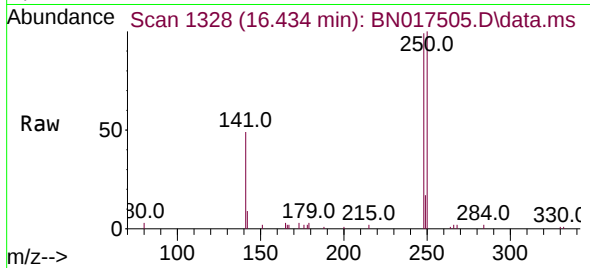




#21
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.434 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

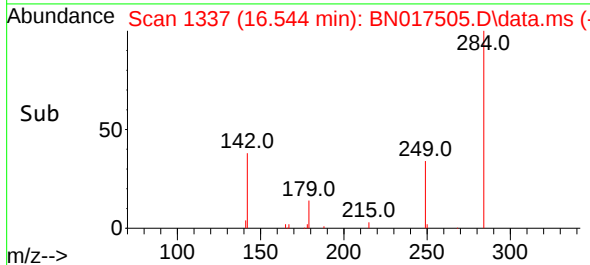
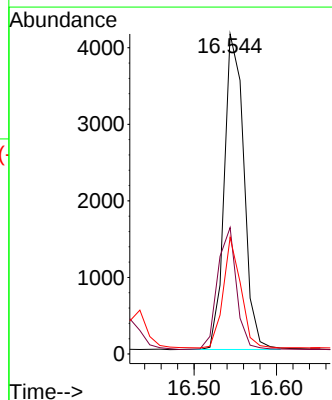
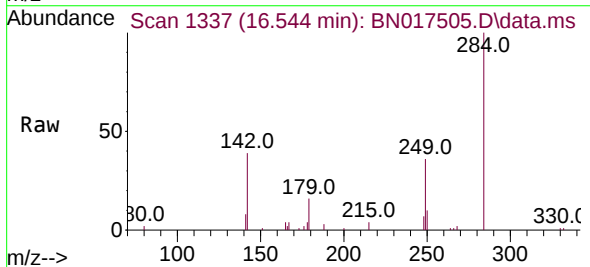
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

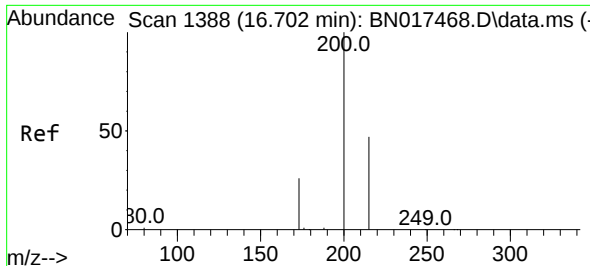
Tgt Ion:248 Resp: 5554
Ion Ratio Lower Upper
248 100
250 101.3 71.8 107.8
141 49.8 70.9 106.3#



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.013 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:284 Resp: 6811
Ion Ratio Lower Upper
284 100
142 37.4 28.2 42.2
249 31.4 24.4 36.6

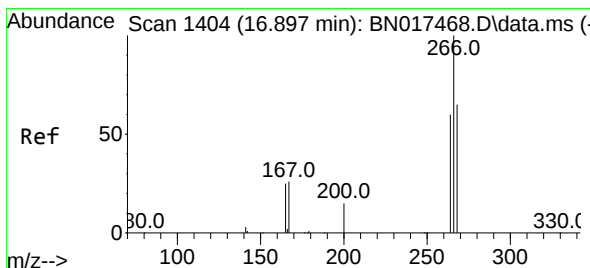
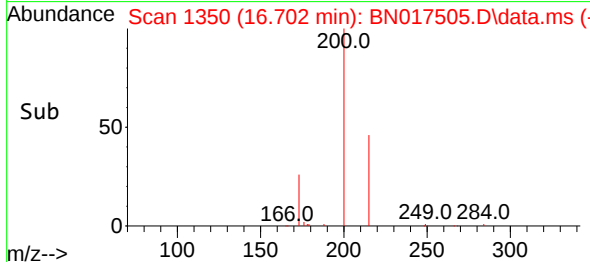
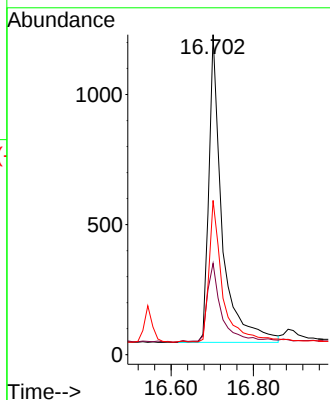
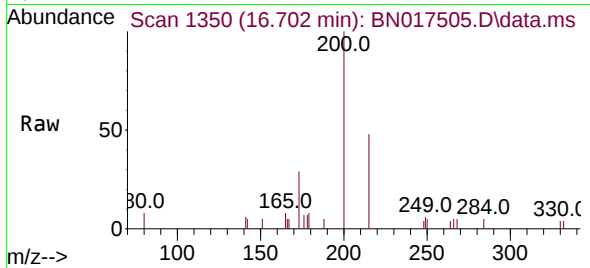




#23
Atrazine
Concen: 0.086 ng
RT: 16.702 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

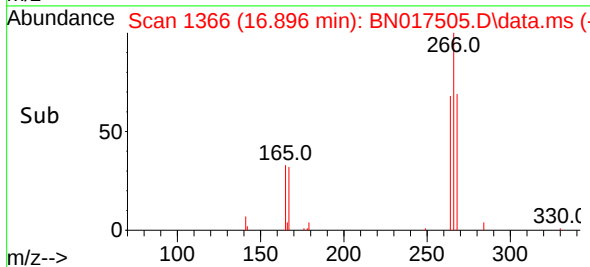
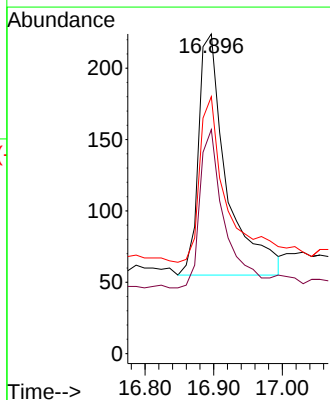
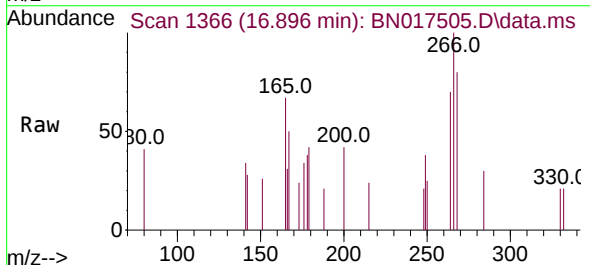
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

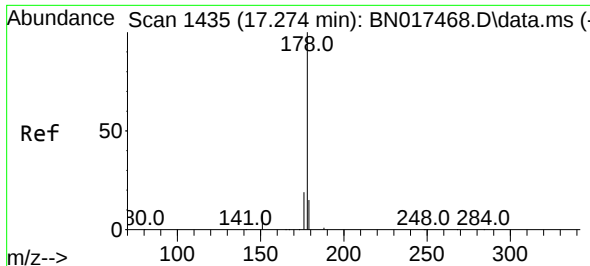
Tgt Ion:200 Resp: 2650
Ion Ratio Lower Upper
200 100
173 28.5 17.6 26.4#
215 48.2 40.2 60.4



#24
Pentachlorophenol
Concen: 0.119 ng
RT: 16.896 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:266 Resp: 482
Ion Ratio Lower Upper
266 100
264 58.3 49.8 74.8
268 70.7 51.3 76.9

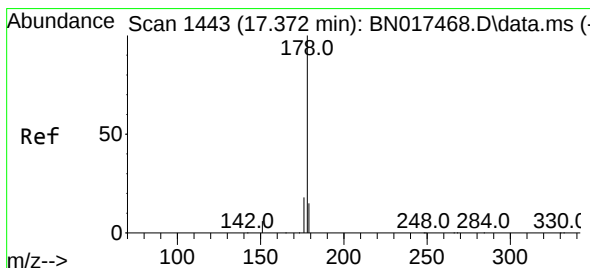
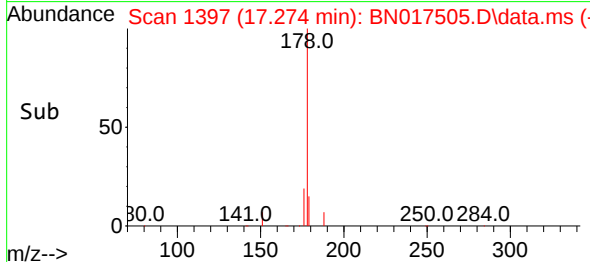
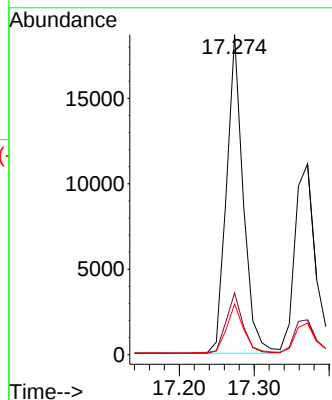
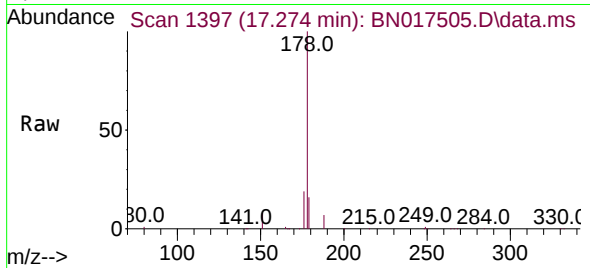




#25
Phenanthrene
Concen: 0.110 ng
RT: 17.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

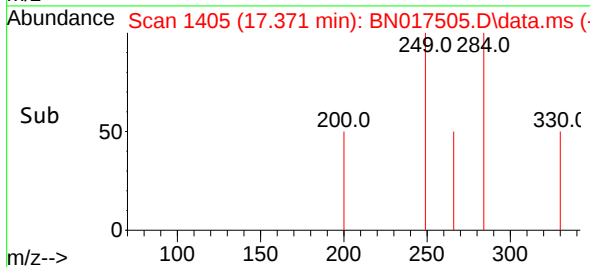
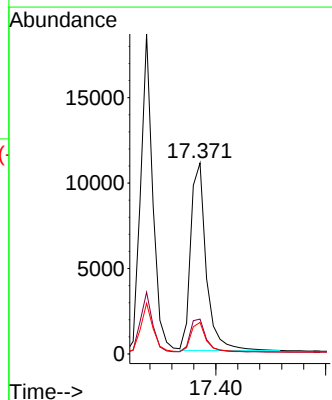
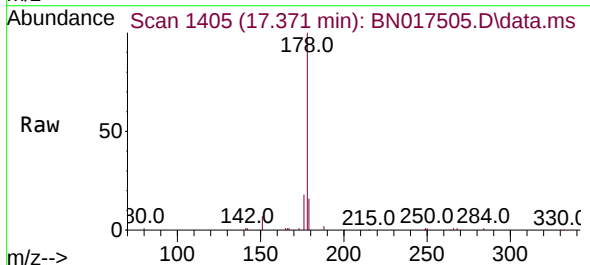
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

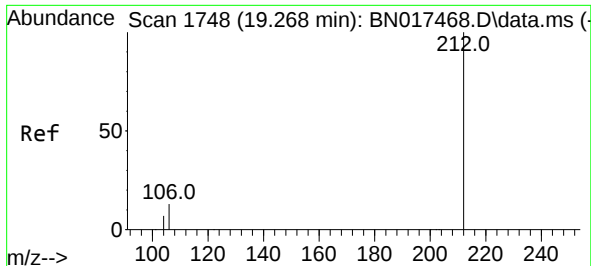
Tgt Ion:178 Resp: 28891
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.0 12.3 18.5



#26
Anthracene
Concen: 0.099 ng
RT: 17.371 min Scan# 1405
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:178 Resp: 21556
Ion Ratio Lower Upper
178 100
176 17.9 14.6 22.0
179 15.8 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.267 min Scan# 1710

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

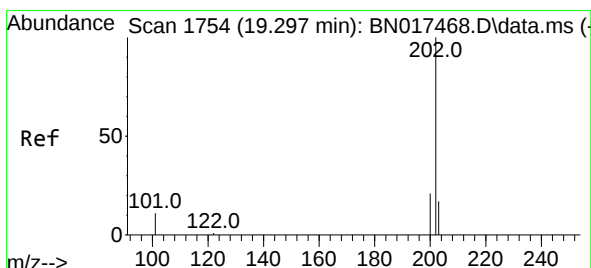
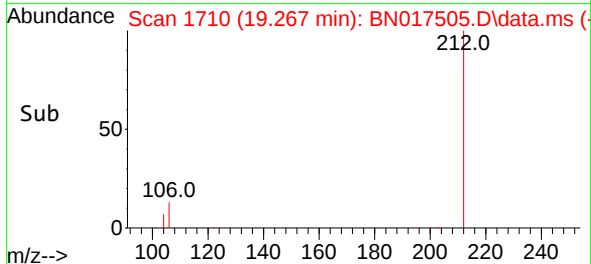
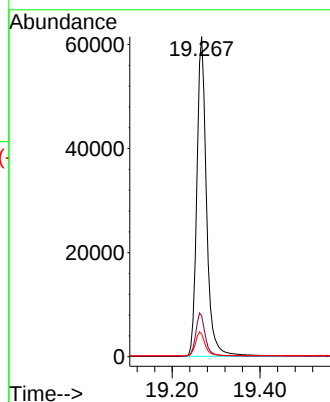
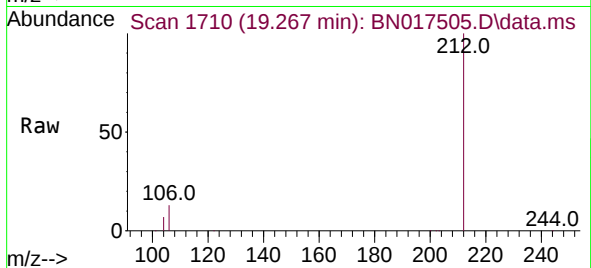
Tgt Ion:212 Resp: 94343

Ion Ratio Lower Upper

212 100

106 13.3 10.5 15.7

104 7.6 5.8 8.6



#28

Fluoranthene

Concen: 0.108 ng

RT: 19.297 min Scan# 1716

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

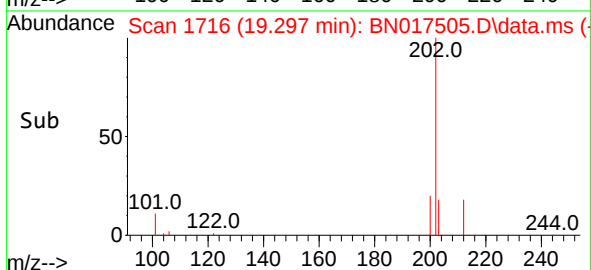
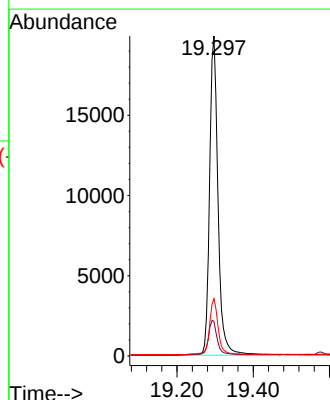
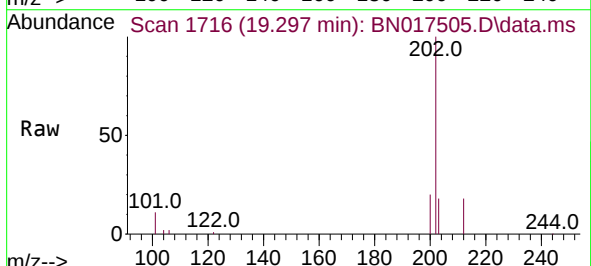
Tgt Ion:202 Resp: 30521

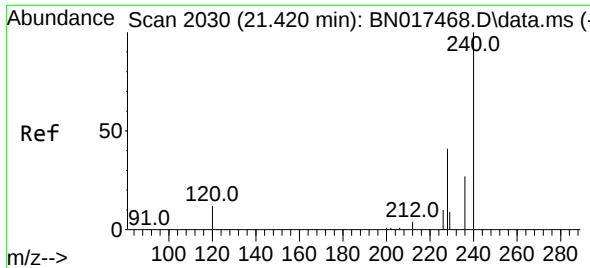
Ion Ratio Lower Upper

202 100

101 11.6 8.9 13.3

203 17.0 13.8 20.6

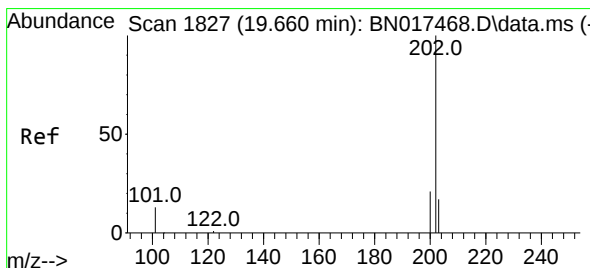
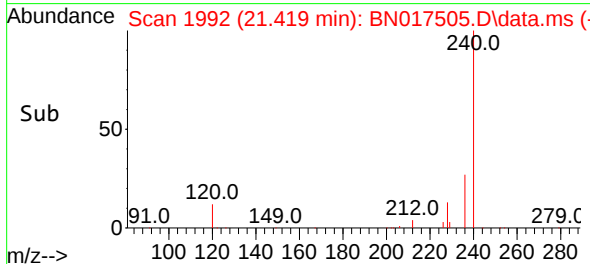
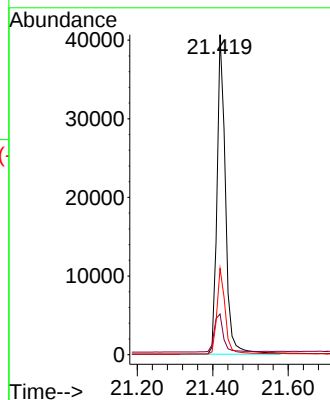
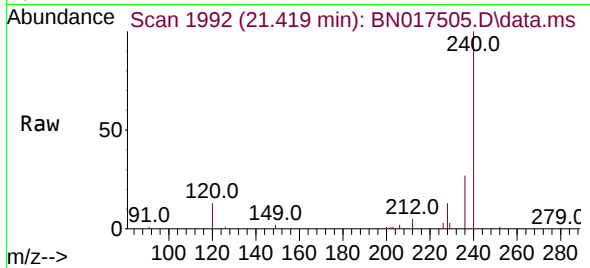




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

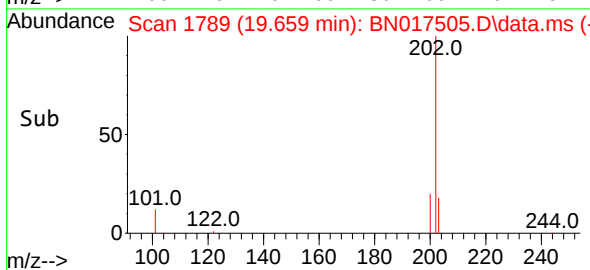
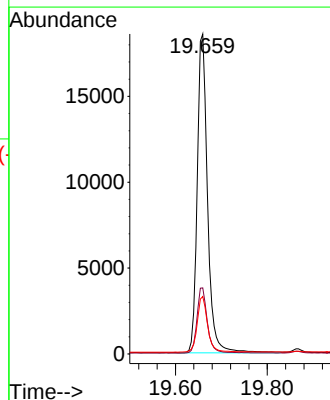
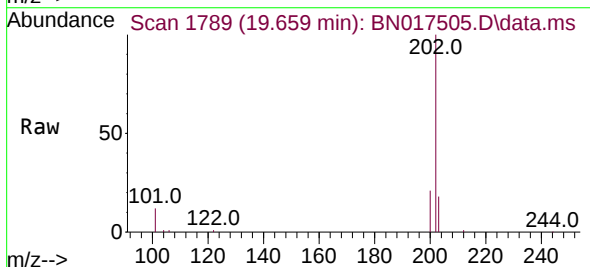
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

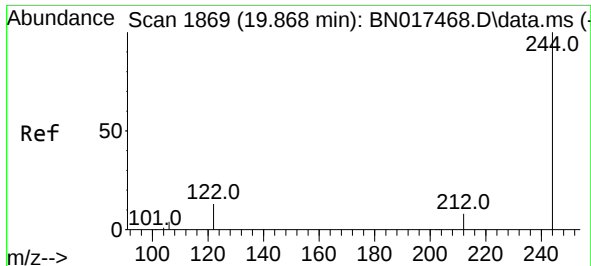
Tgt Ion:240 Resp: 63293
Ion Ratio Lower Upper
240 100
120 12.7 4.2 6.2#
236 27.0 20.0 30.0



#30
Pyrene
Concen: 0.127 ng
RT: 19.659 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:202 Resp: 28918
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.6 14.0 21.0

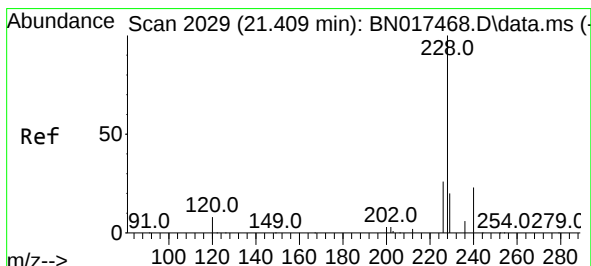
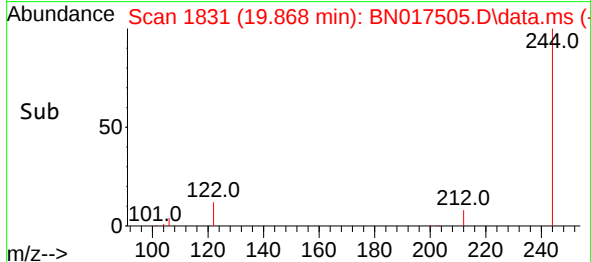
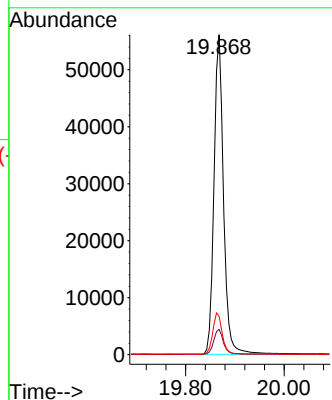
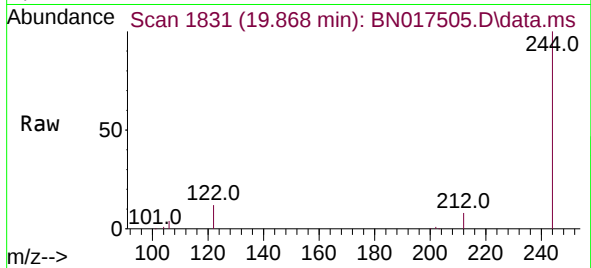




#31
 Terphenyl-d14
 Concen: 0.485 ng
 RT: 19.868 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BN017505.D
 Acq: 18 Nov 2021 12:30

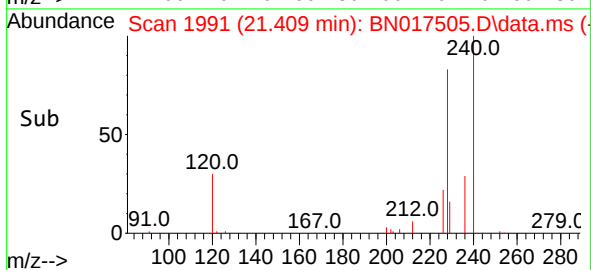
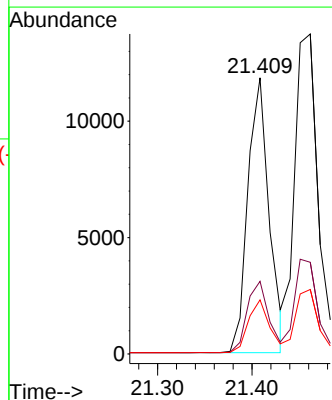
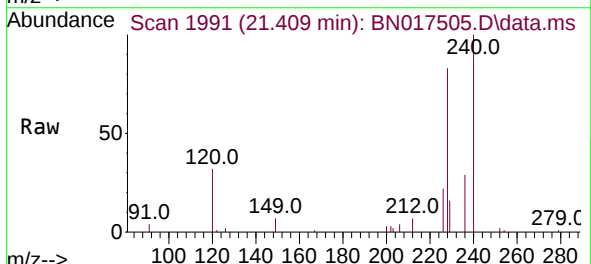
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

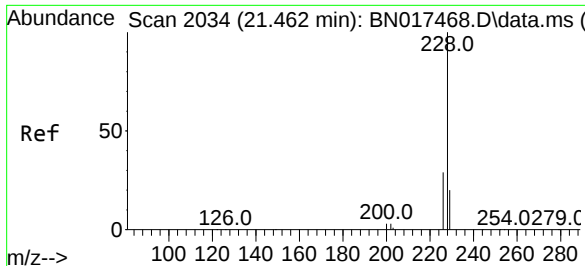
Tgt Ion:244 Resp: 75415
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.0 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.095 ng
 RT: 21.409 min Scan# 1991
 Delta R.T. -0.001 min
 Lab File: BN017505.D
 Acq: 18 Nov 2021 12:30

Tgt Ion:228 Resp: 18520
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.3 31.9
 229 19.6 15.7 23.5





#33

Chrysene

Concen: 0.116 ng

RT: 21.462 min Scan# 1985

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

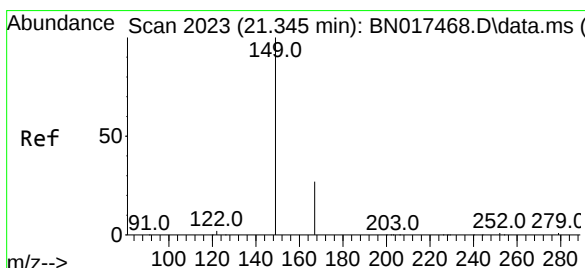
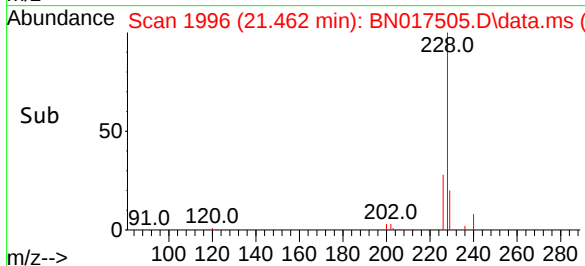
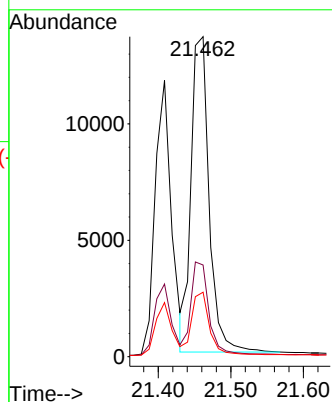
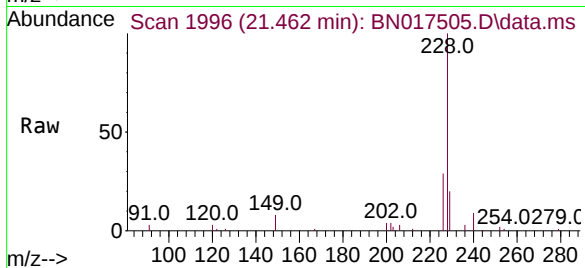
Tgt Ion:228 Resp: 23399

Ion Ratio Lower Upper

228 100

226 28.7 23.3 34.9

229 20.1 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.345 min Scan# 1985

Delta R.T. -0.001 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

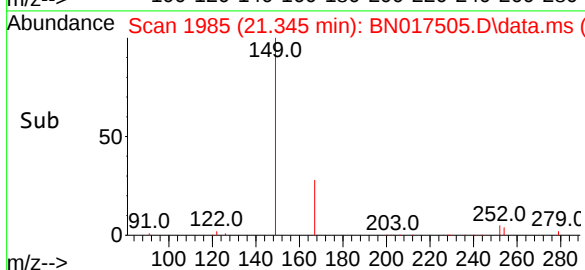
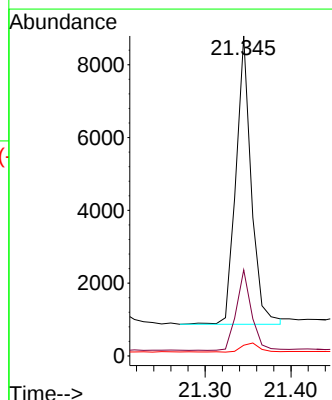
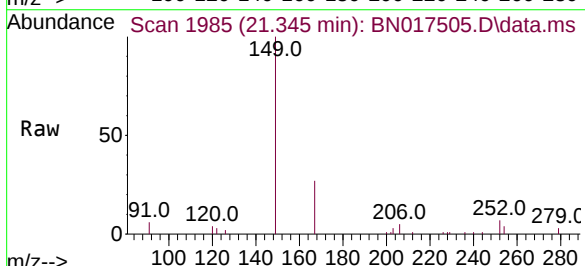
Tgt Ion:149 Resp: 9834

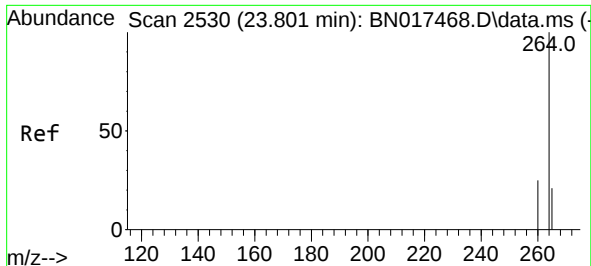
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 3.5 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.797 min Scan# 2491

Delta R.T. -0.004 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021

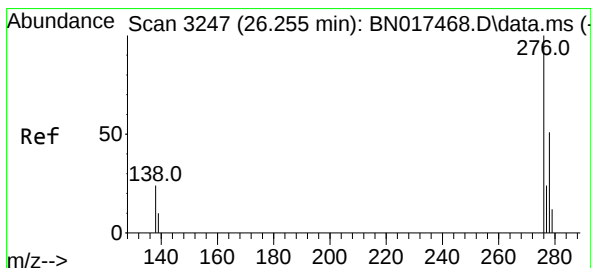
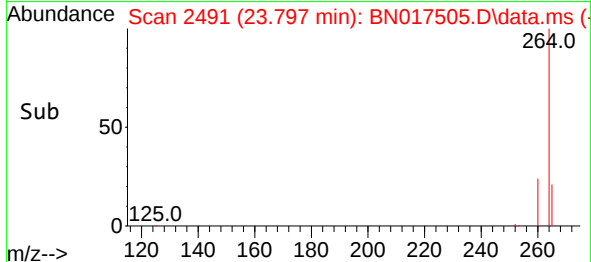
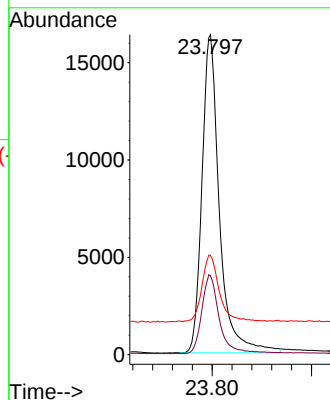
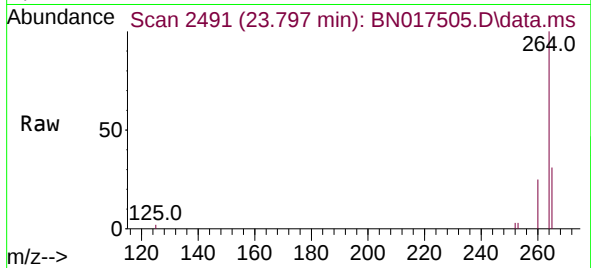
Tgt Ion:264 Resp: 39866

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 31.1 18.6 28.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.067 ng

RT: 26.258 min Scan# 3210

Delta R.T. 0.003 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

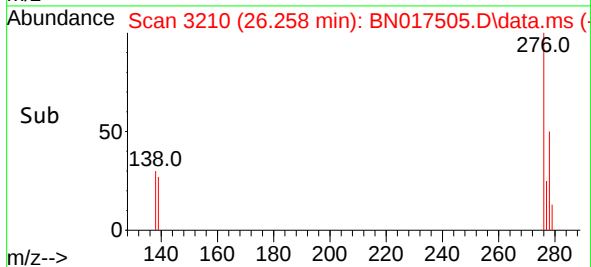
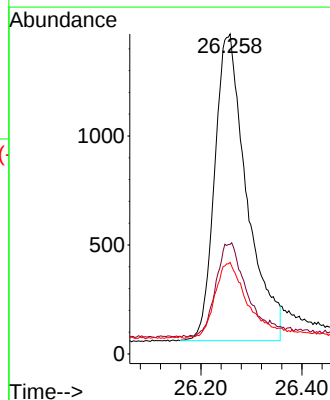
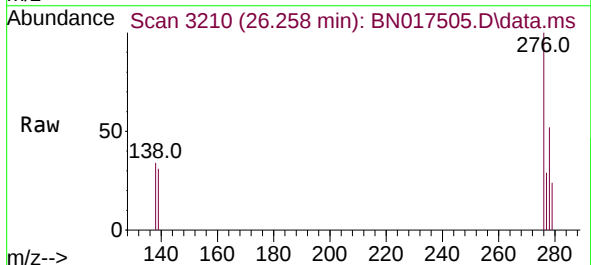
Tgt Ion:276 Resp: 6197

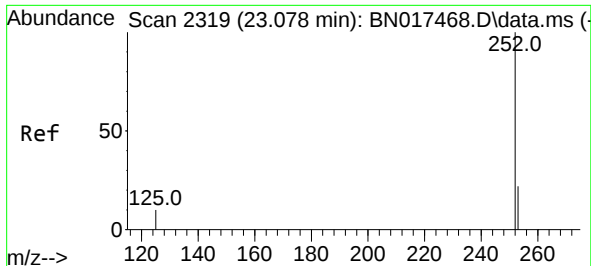
Ion Ratio Lower Upper

276 100

138 28.7 19.7 29.5

277 25.1 20.0 30.0

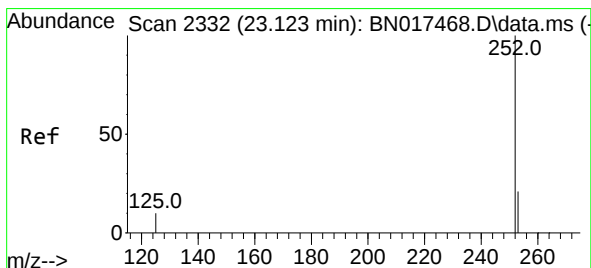
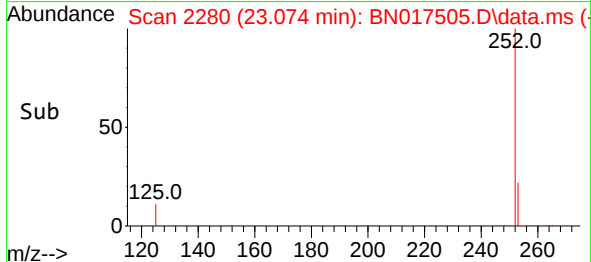
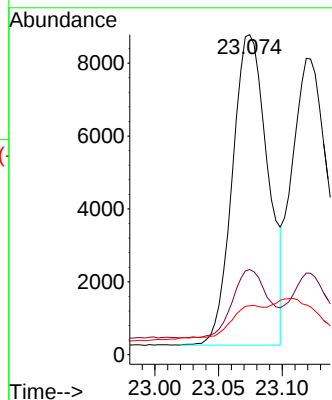
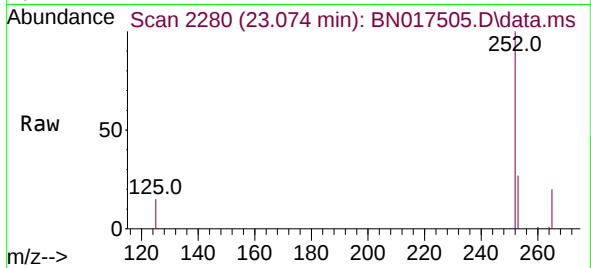




#37
Benzo(b)fluoranthene
Concen: 0.110 ng
RT: 23.074 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

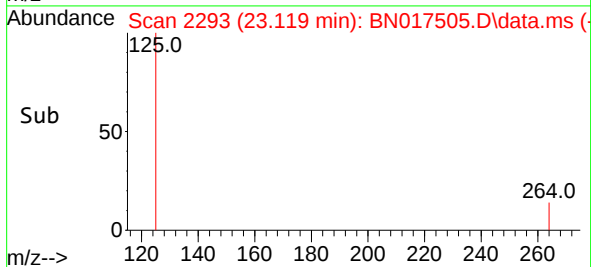
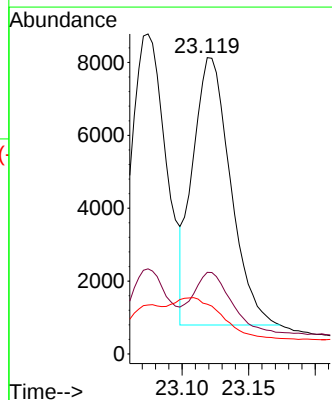
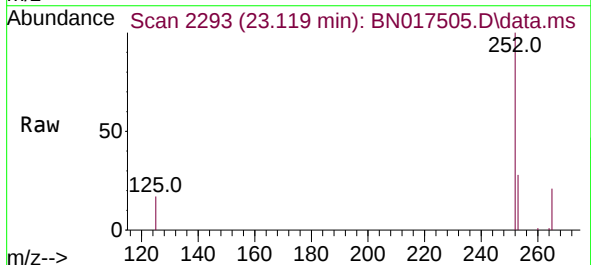
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

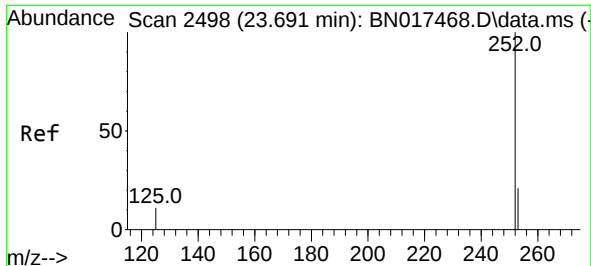
Tgt Ion:252 Resp: 16485
Ion Ratio Lower Upper
252 100
253 26.6 17.7 26.5#
125 15.3 7.8 11.8#



#38
Benzo(k)fluoranthene
Concen: 0.105 ng
RT: 23.119 min Scan# 2293
Delta R.T. -0.004 min
Lab File: BN017505.D
Acq: 18 Nov 2021 12:30

Tgt Ion:252 Resp: 14465
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5#
125 16.8 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.095 ng

RT: 23.687 min Scan# 2498

Delta R.T. -0.004 min

Lab File: BN017505.D

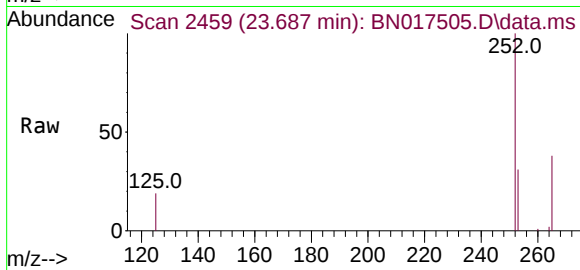
Acq: 18 Nov 2021 12:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2021



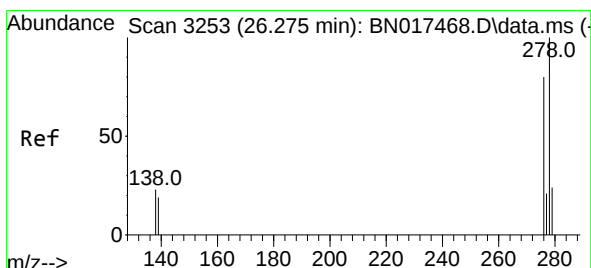
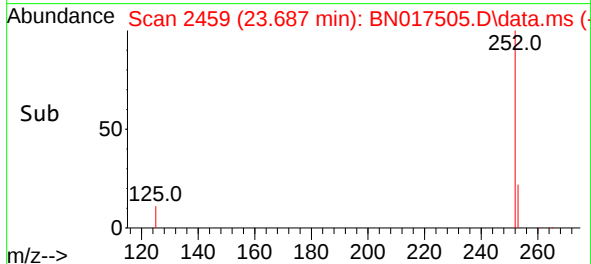
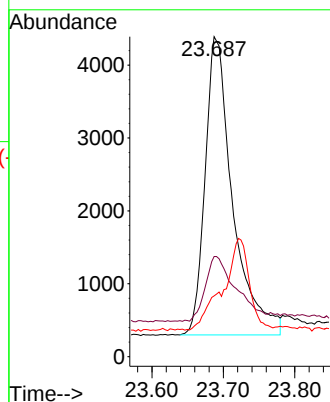
Tgt Ion:252 Resp: 10981

Ion Ratio Lower Upper

252 100

253 31.3 17.9 26.9#

125 19.0 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.055 ng

RT: 26.271 min Scan# 3214

Delta R.T. -0.004 min

Lab File: BN017505.D

Acq: 18 Nov 2021 12:30

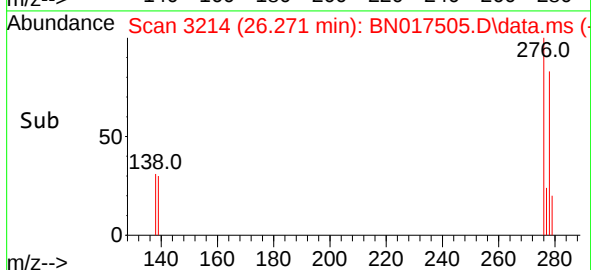
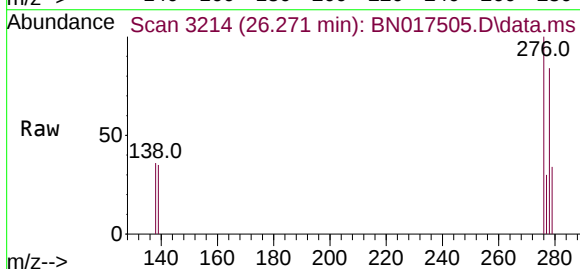
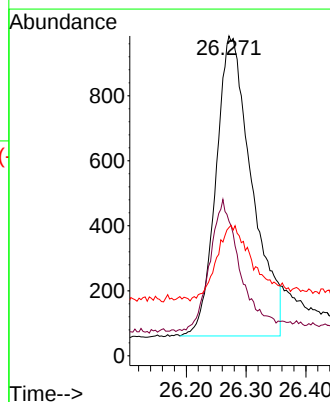
Tgt Ion:278 Resp: 3858

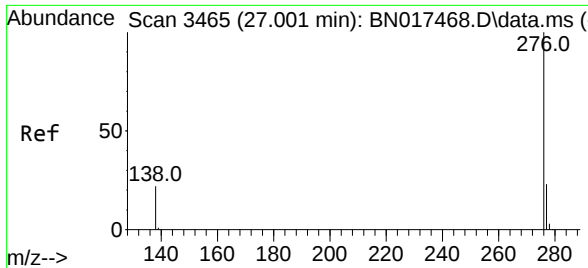
Ion Ratio Lower Upper

278 100

139 42.1 13.0 19.6#

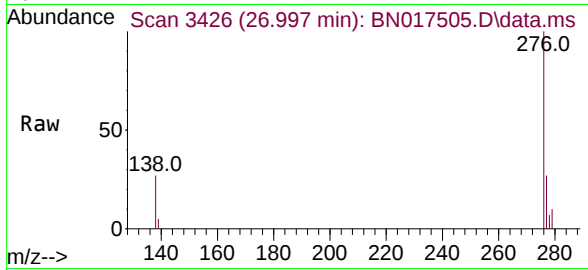
279 40.1 19.2 28.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.083 ng
 RT: 26.997 min Scan# 34
 Delta R.T. -0.004 min
 Lab File: BN017505.D
 Acq: 18 Nov 2021 12:30

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2021



Tgt Ion: 276 Resp: 7212

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.4
138	27.1	17.1	25.7

