

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
 Data File : BN017495.D
 Acq On : 17 Nov 2021 16:06
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 0.1ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 17 16:36:04 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)

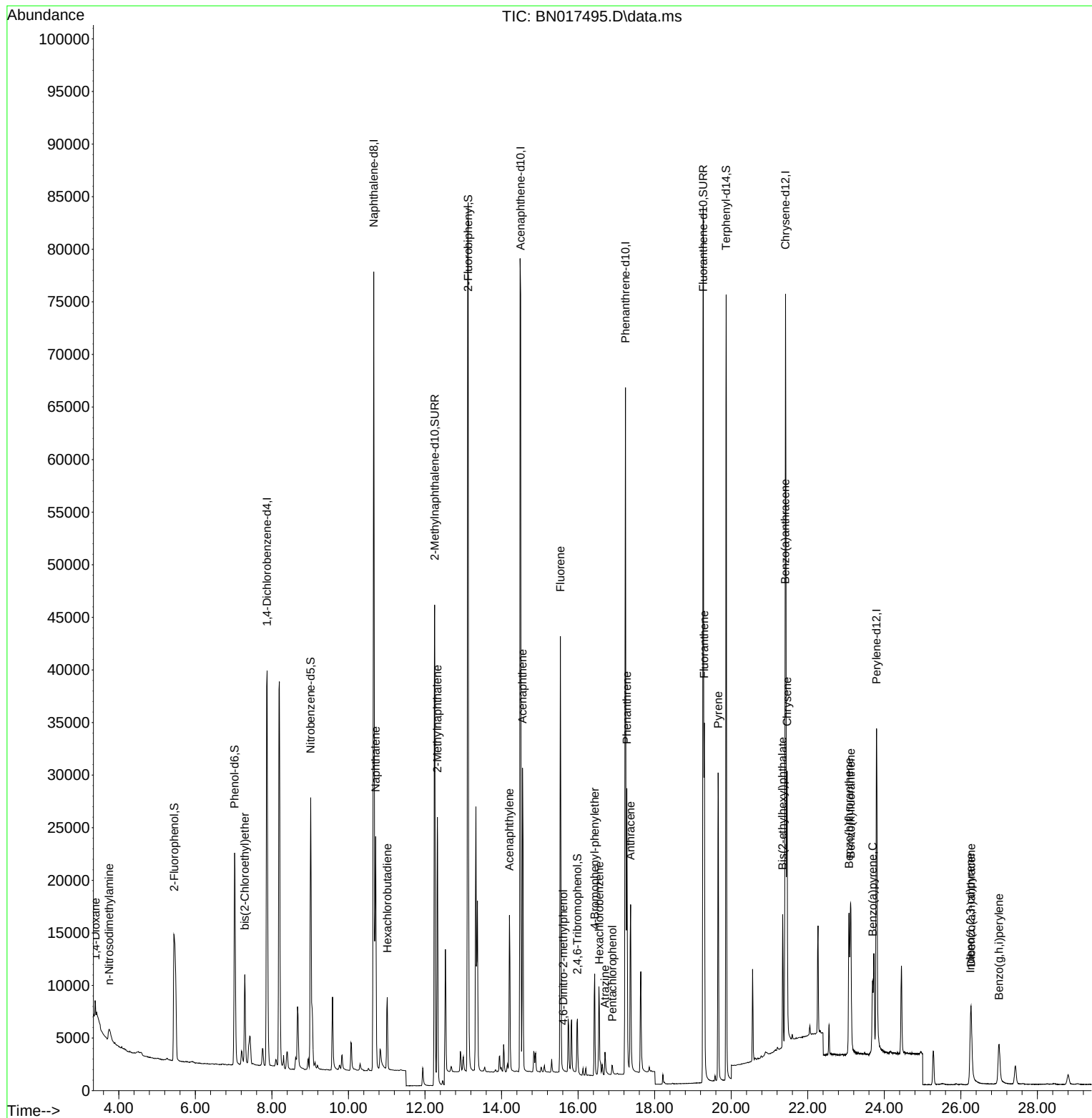
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	24798	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	105405	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	53429	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	92156	0.400	ng	0.00
29) Chrysene-d12	21.420	240	66115	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	47637	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	24050	0.407	ng	0.00
5) Phenol-d6	7.026	99	25471	0.401	ng	0.00
8) Nitrobenzene-d5	9.013	82	23325	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	65461	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4548	0.335	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	87280	0.433	ng	0.00
27) Fluoranthene-d10	19.267	212	103265	0.375	ng	0.00
31) Terphenyl-d14	19.868	244	80364	0.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	771	0.071	ng	# 54
3) n-Nitrosodimethylamine	3.752	42	1777	0.086	ng	# 91
6) bis(2-Chloroethyl)ether	7.293	93	8047	0.118	ng	94
9) Naphthalene	10.712	128	29637	0.112	ng	99
10) Hexachlorobutadiene	11.016	225	6187	0.112	ng	# 100
12) 2-Methylnaphthalene	12.324	142	19025	0.113	ng	97
16) Acenaphthylene	14.206	152	18490	0.093	ng	100
17) Acenaphthene	14.549	154	15478	0.107	ng	99
18) Fluorene	15.538	166	17548	0.106	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	74	0.115	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	5378	0.103	ng	# 74
22) Hexachlorobenzene	16.556	284	6620	0.112	ng	96
23) Atrazine	16.702	200	2655	0.089	ng	# 93
24) Pentachlorophenol	16.897	266	690	0.134	ng	98
25) Phenanthrene	17.274	178	27680	0.109	ng	99
26) Anthracene	17.371	178	21020	0.100	ng	100
28) Fluoranthene	19.297	202	29954	0.110	ng	99
30) Pyrene	19.660	202	28596	0.120	ng	100
32) Benzo(a)anthracene	21.409	228	19825	0.097	ng	99
33) Chrysene	21.462	228	23630	0.112	ng	100
34) Bis(2-ethylhexyl)phtha...	21.345	149	10441	0.098	ng	99
36) Indeno(1,2,3-cd)pyrene	26.251	276	9071	0.083	ng	# 80
37) Benzo(b)fluoranthene	23.078	252	19425	0.109	ng	# 87
38) Benzo(k)fluoranthene	23.123	252	17877	0.109	ng	# 81
39) Benzo(a)pyrene	23.694	252	14069	0.101	ng	# 82
40) Dibenzo(a,h)anthracene	26.272	278	6185	0.074	ng	# 9
41) Benzo(g,h,i)perylene	26.997	276	10033	0.097	ng	95

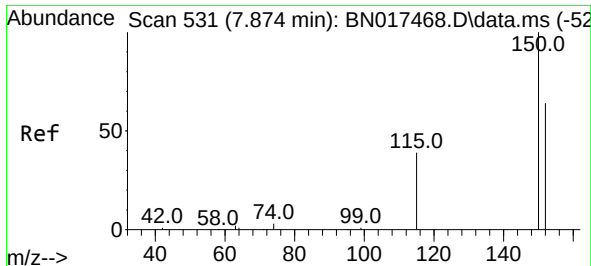
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
 Data File : BN017495.D
 Acq On : 17 Nov 2021 16:06
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 0.1ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

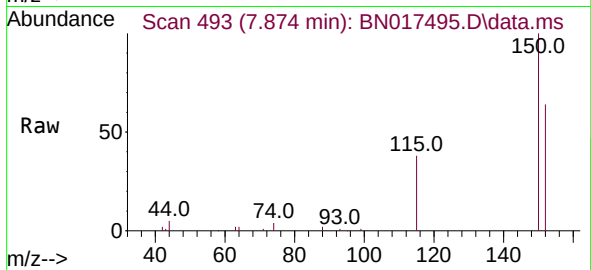
Quant Time: Nov 17 16:36:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration



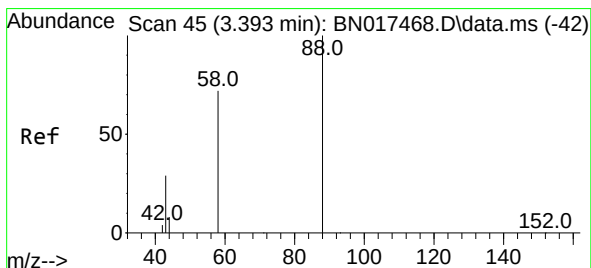
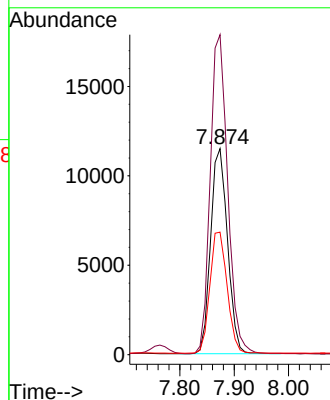
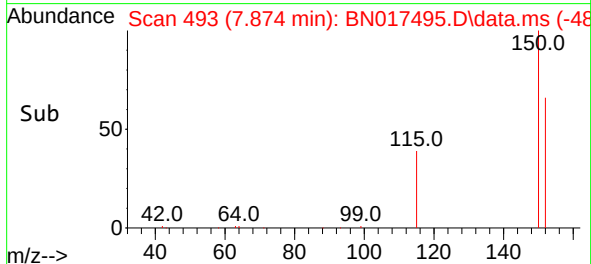


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.874 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN017495.D
 Acq: 17 Nov 2021 16:06

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

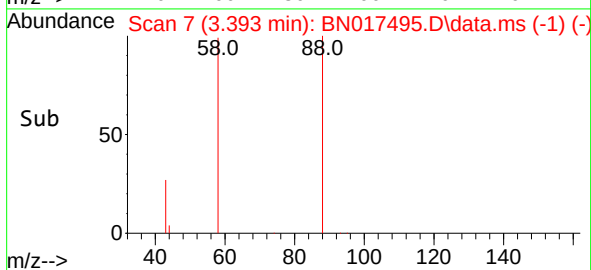
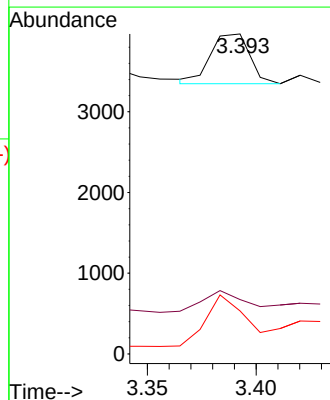
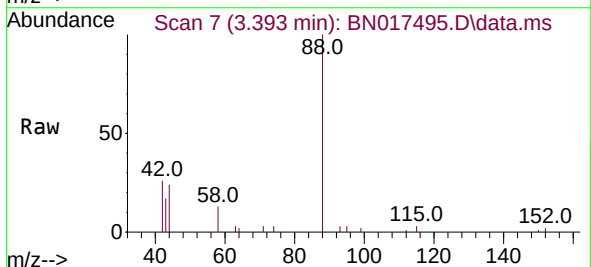


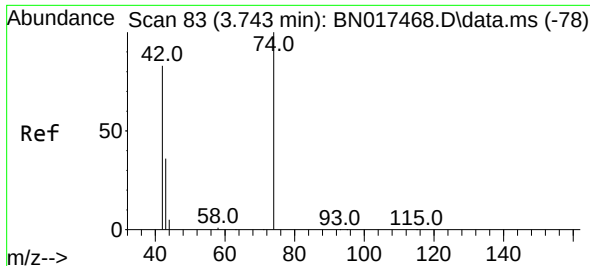
Tgt Ion:152 Resp: 24798
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 59.5 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.393 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BN017495.D
 Acq: 17 Nov 2021 16:06

Tgt Ion: 88 Resp: 771
 Ion Ratio Lower Upper
 88 100
 43 52.8 24.7 37.1#
 58 121.0 63.0 94.6#

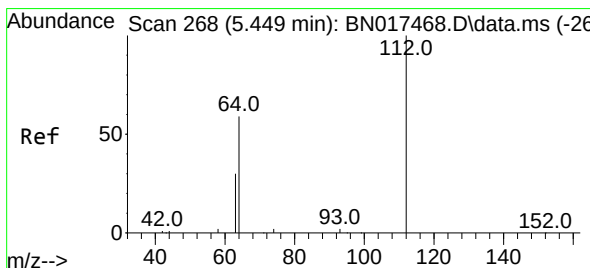
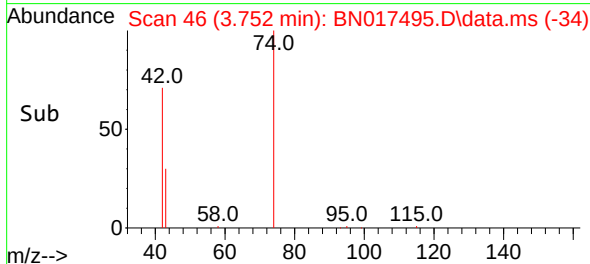
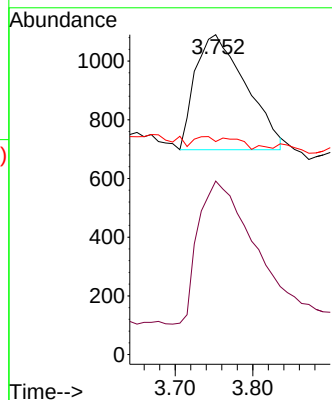
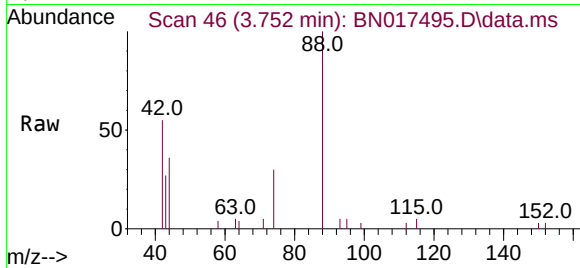




#3
n-Nitrosodimethylamine
Concen: 0.086 ng
RT: 3.752 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

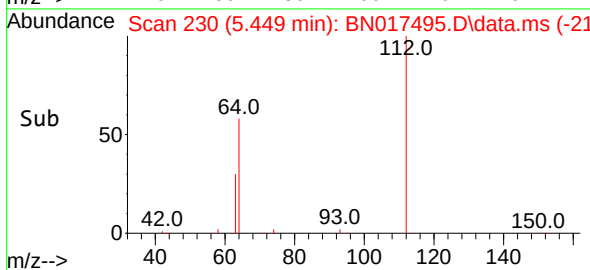
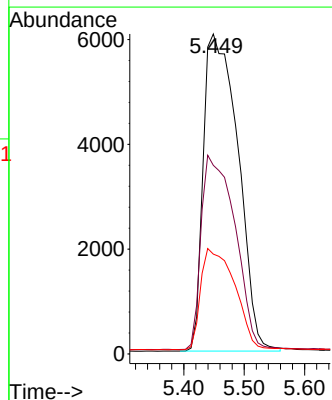
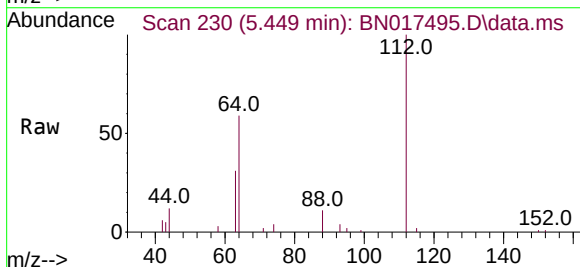
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

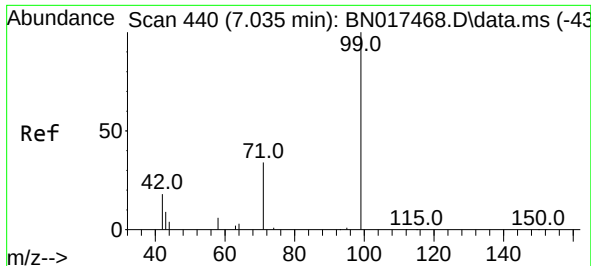
Tgt Ion: 42 Resp: 1777
Ion Ratio Lower Upper
42 100
74 132.6 97.8 146.6
44 3.4 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.449 min Scan# 230
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion: 112 Resp: 24050
Ion Ratio Lower Upper
112 100
64 59.9 47.6 71.4
63 31.5 24.6 37.0

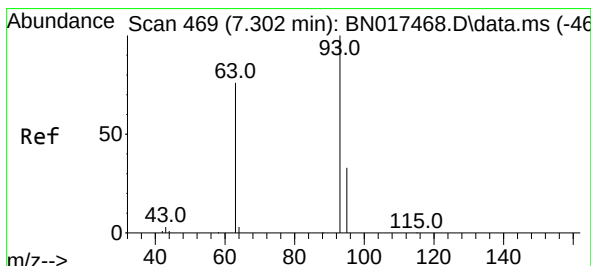
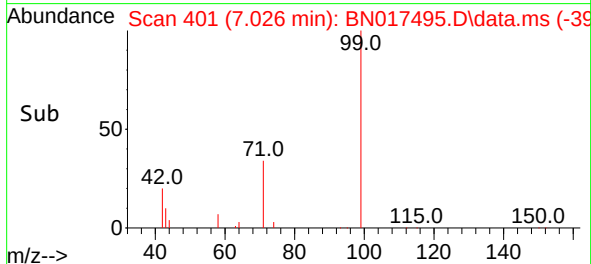
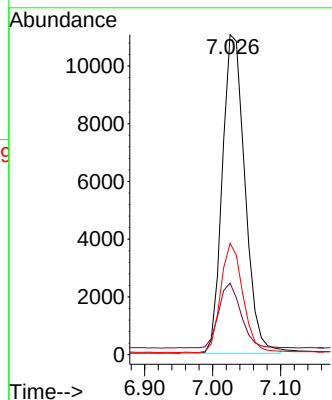
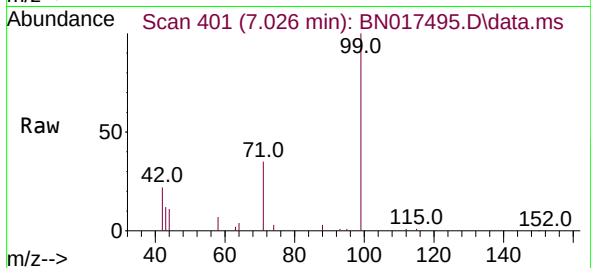




#5
Phenol-d6
Concen: 0.401 ng
RT: 7.026 min Scan# 401
Delta R.T. -0.009 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

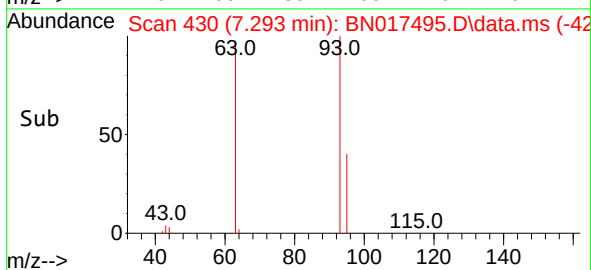
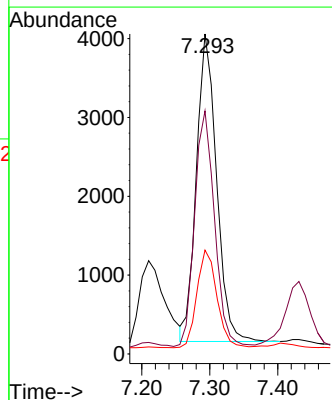
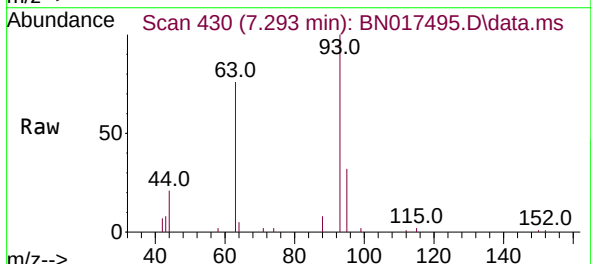
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

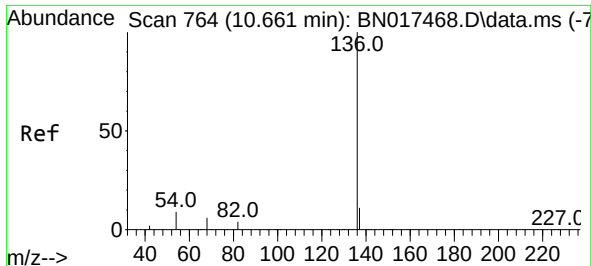
Tgt Ion: 99 Resp: 25471
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 33.7 24.8 37.2



#6
bis(2-Chloroethyl)ether
Concen: 0.118 ng
RT: 7.293 min Scan# 430
Delta R.T. -0.009 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion: 93 Resp: 8047
Ion Ratio Lower Upper
93 100
63 75.8 65.8 98.6
95 31.6 26.6 39.8

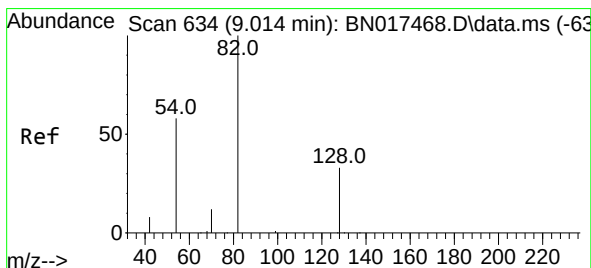
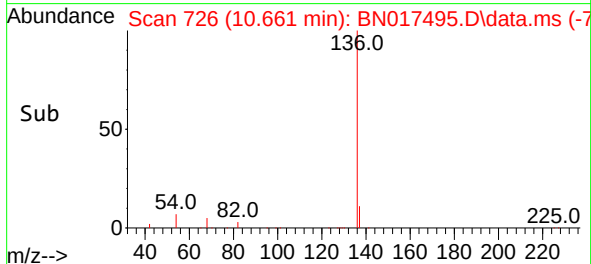
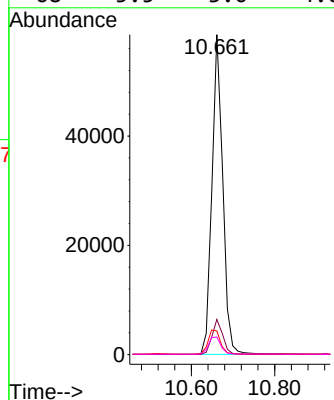
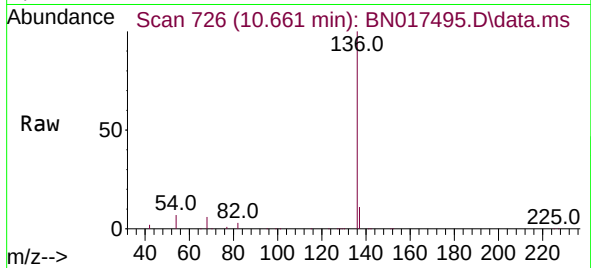




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

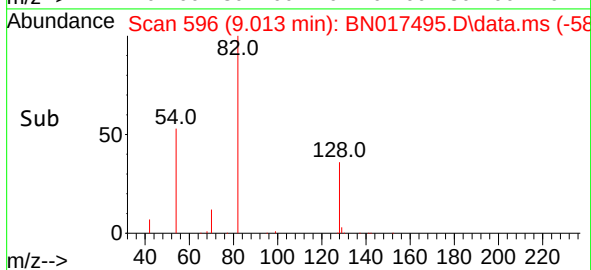
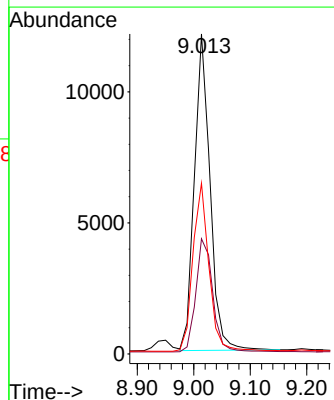
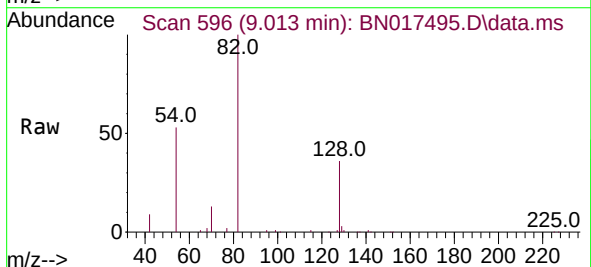
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

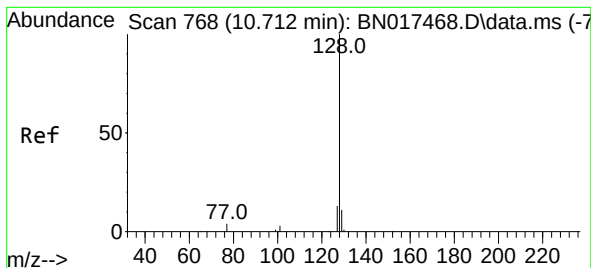
Tgt Ion:136 Resp: 105405
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 4.0 6.0#
68 5.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.013 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion: 82 Resp: 23325
Ion Ratio Lower Upper
82 100
128 36.0 27.7 41.5
54 53.4 49.2 73.8





#9

Naphthalene

Concen: 0.112 ng

RT: 10.712 min Scan# 712

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2021

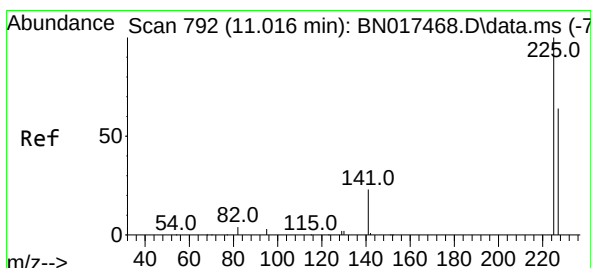
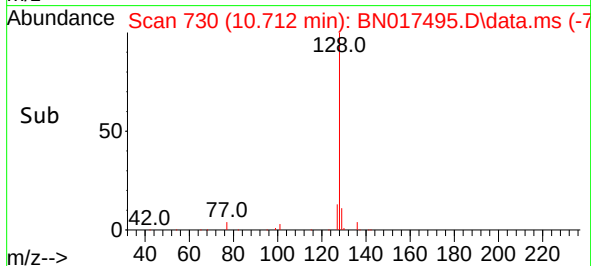
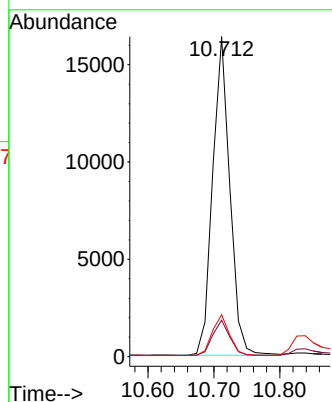
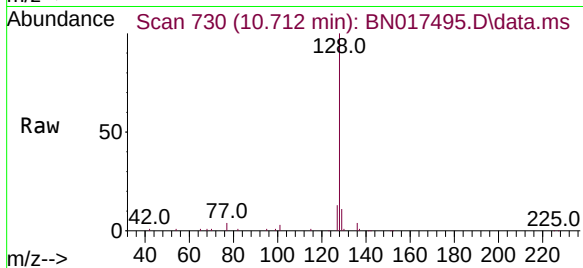
Tgt Ion:128 Resp: 29637

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.1 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.112 ng

RT: 11.016 min Scan# 754

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

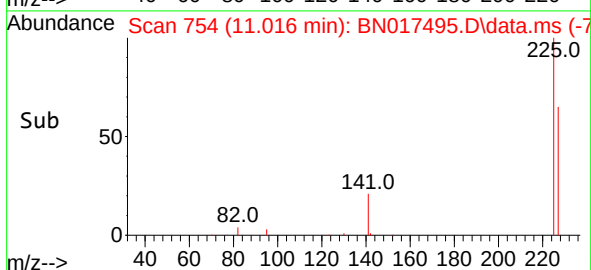
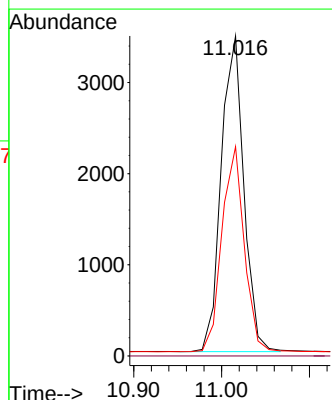
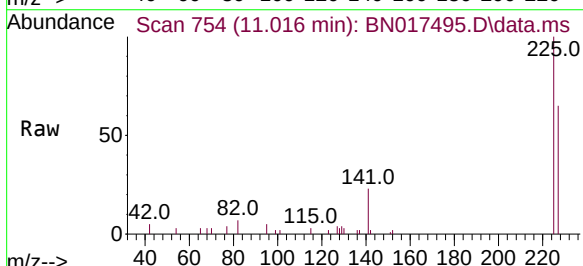
Tgt Ion:225 Resp: 6187

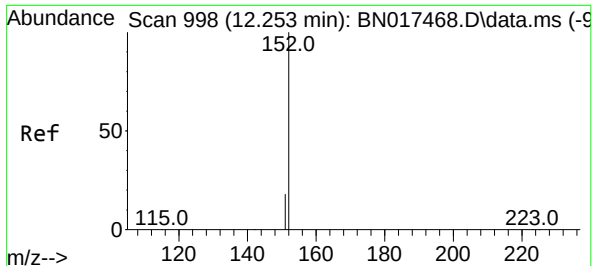
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 51.1 76.7

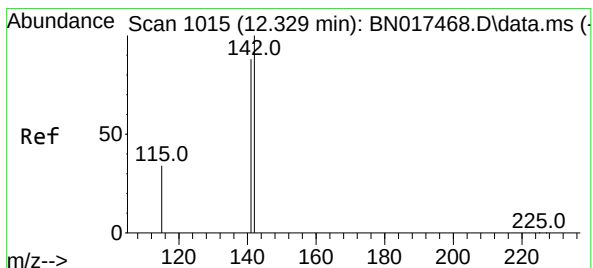
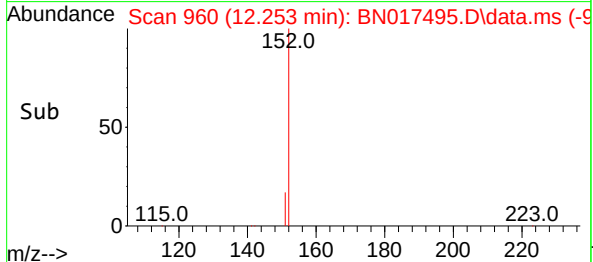
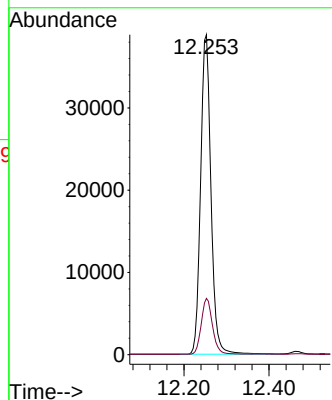
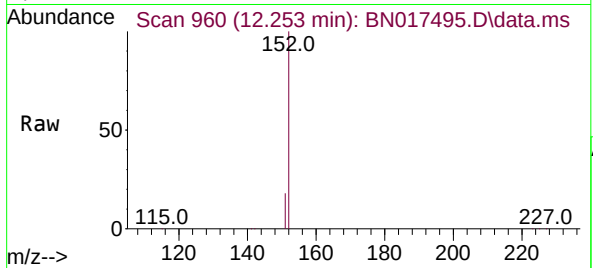




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.253 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

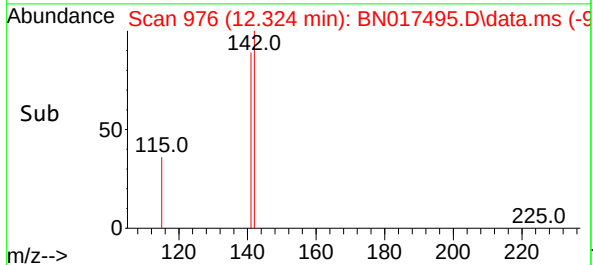
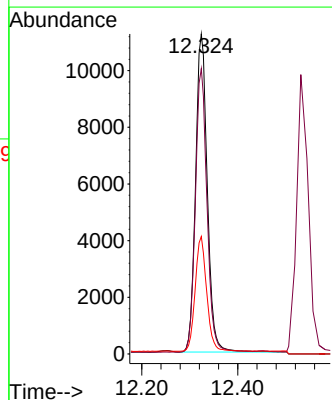
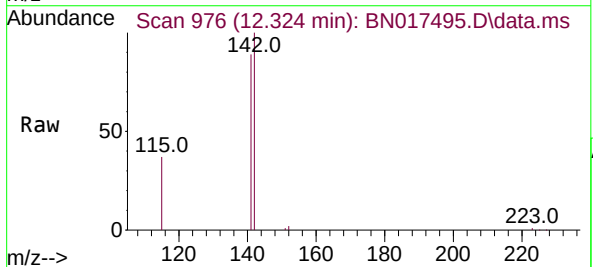
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

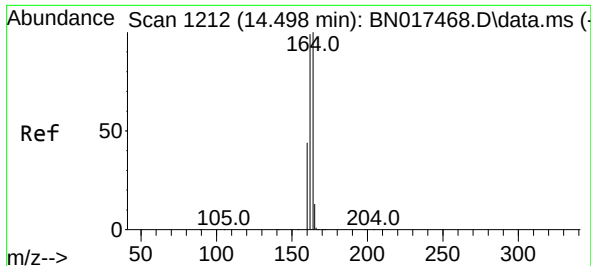
Tgt Ion:152 Resp: 65461
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.113 ng
RT: 12.324 min Scan# 976
Delta R.T. -0.005 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:142 Resp: 19025
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0
115 36.7 25.8 38.6

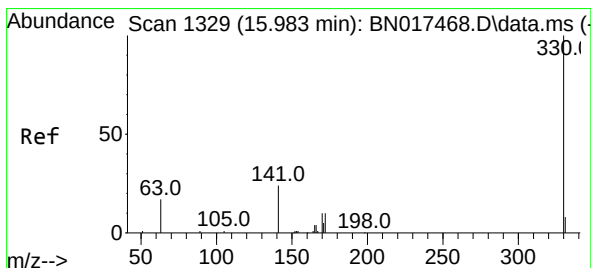
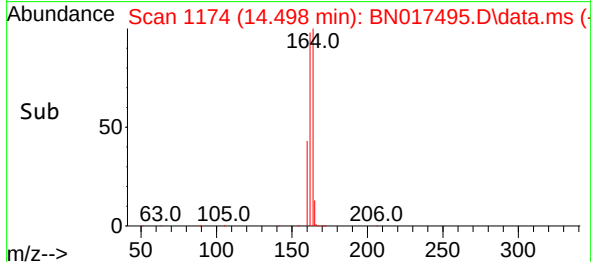
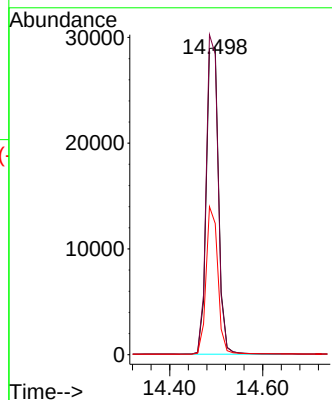
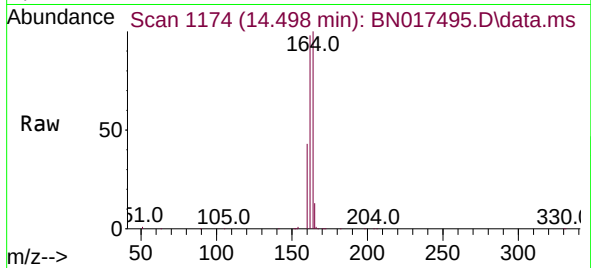




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

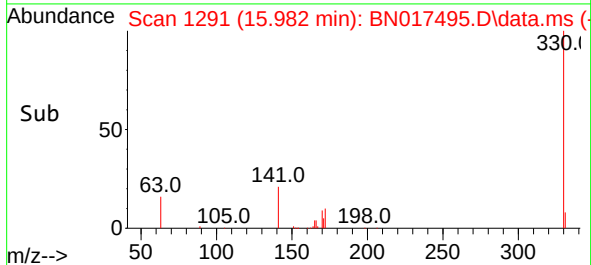
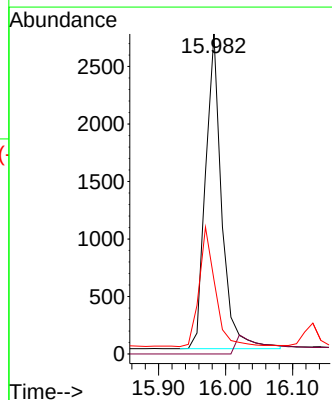
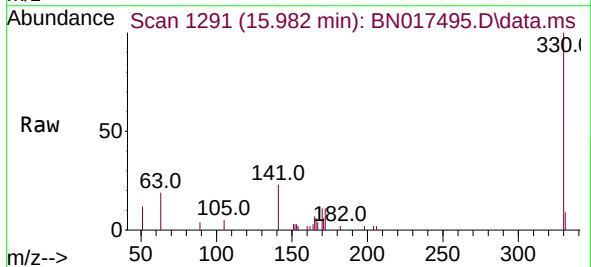
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

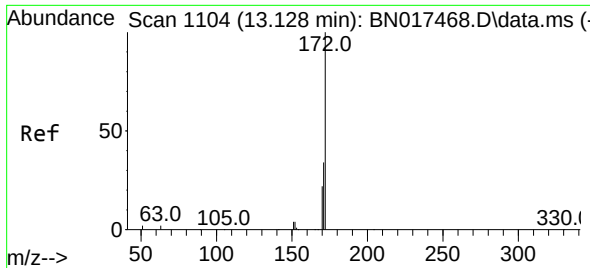
Tgt Ion:164 Resp: 53429
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.2
160 42.8 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:330 Resp: 4548
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 28.9 43.3

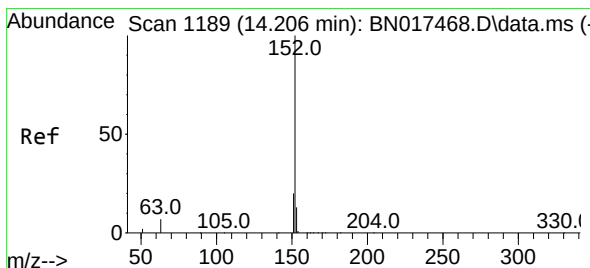
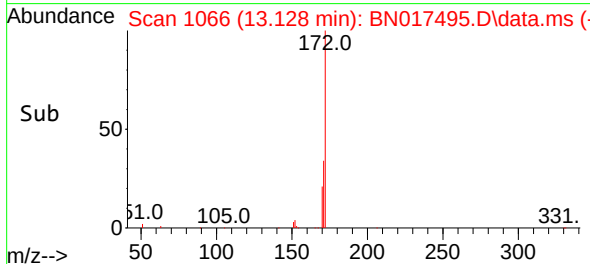
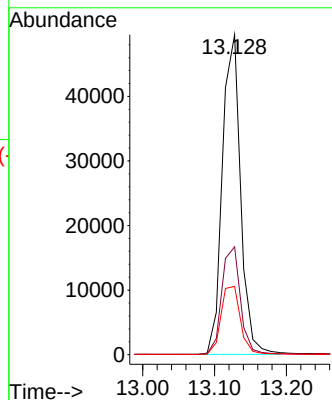
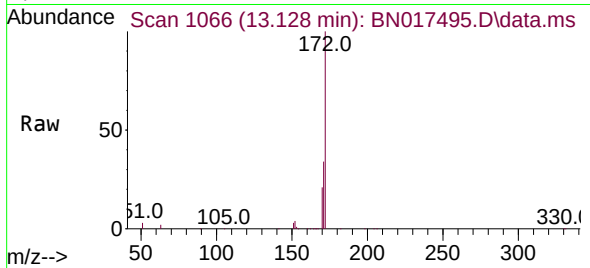




#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.128 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

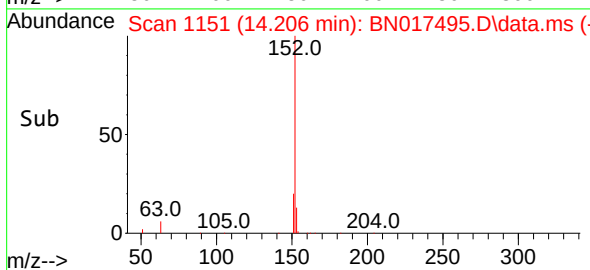
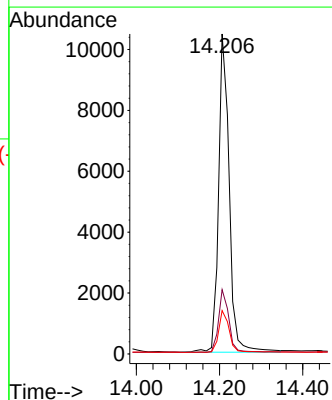
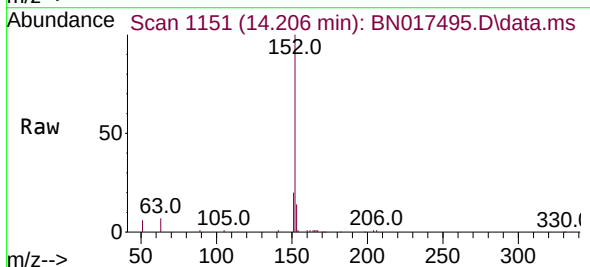
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

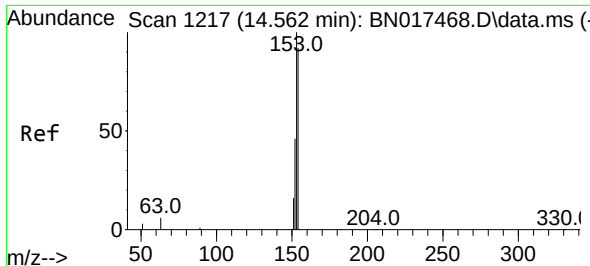
Tgt Ion:172 Resp: 87280
Ion Ratio Lower Upper
172 100
171 33.7 28.7 43.1
170 21.3 19.4 29.2



#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.206 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:152 Resp: 18490
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.2 10.4 15.6

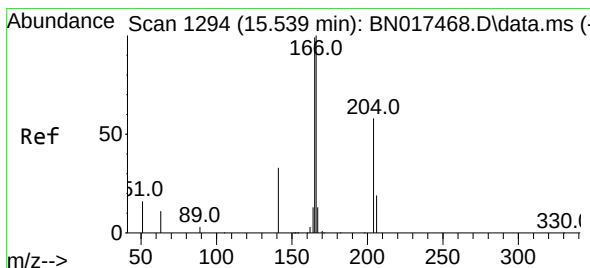
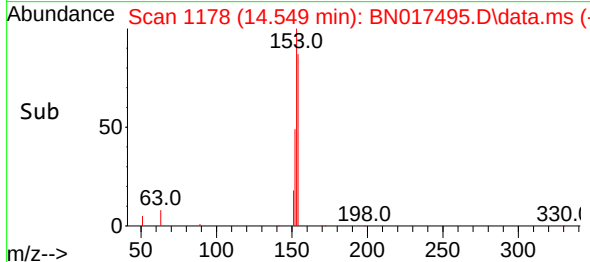
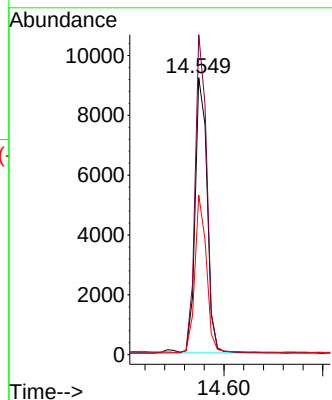
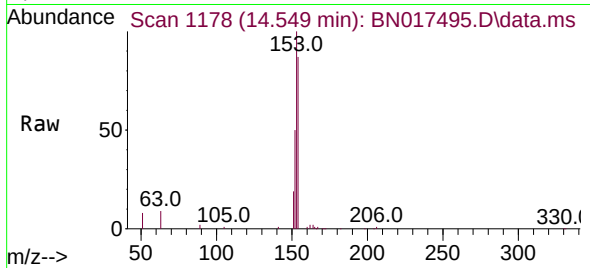




#17
Acenaphthene
Concen: 0.107 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

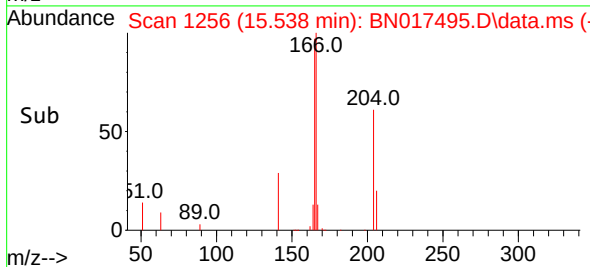
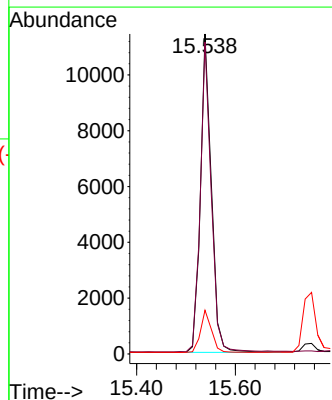
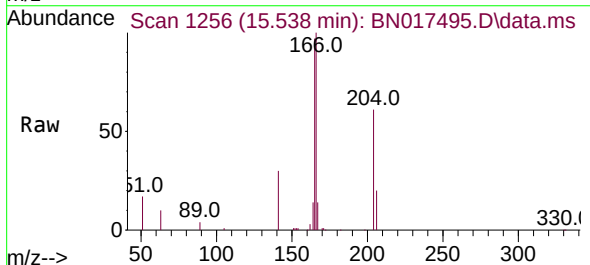
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

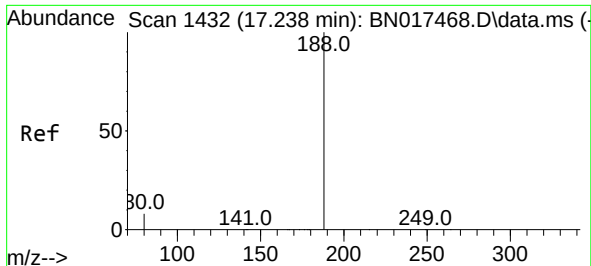
Tgt Ion:154 Resp: 15478
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 55.0 44.3 66.5



#18
Fluorene
Concen: 0.106 ng
RT: 15.538 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:166 Resp: 17548
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.238 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2021

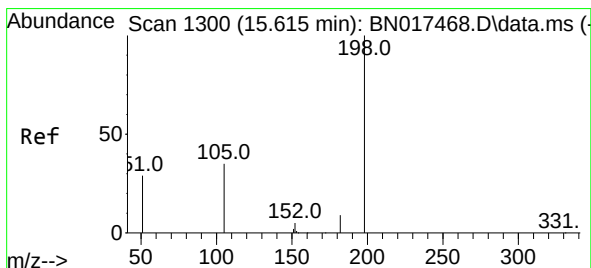
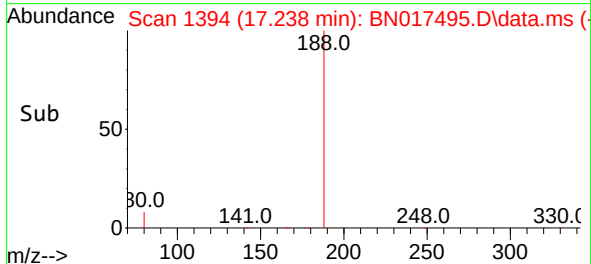
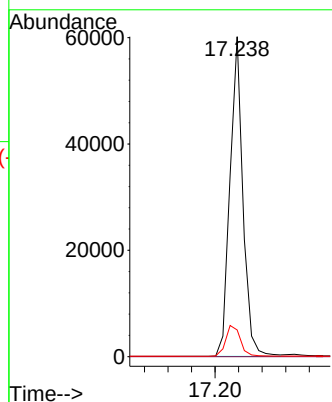
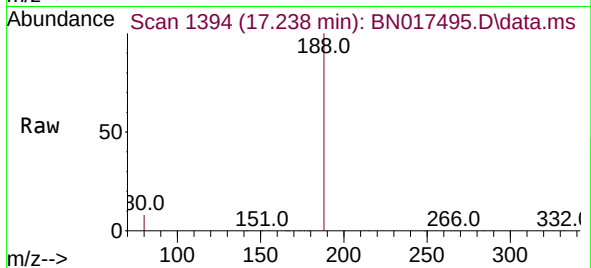
Tgt Ion:188 Resp: 92156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 6.1 9.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.615 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

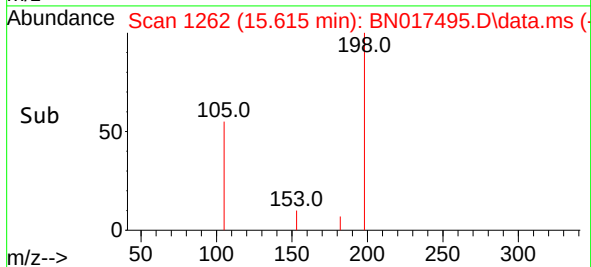
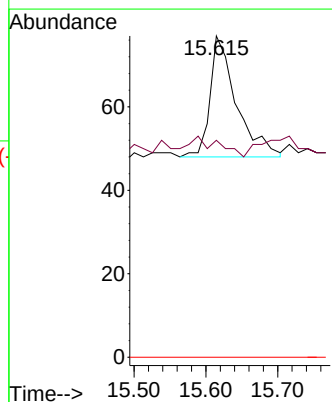
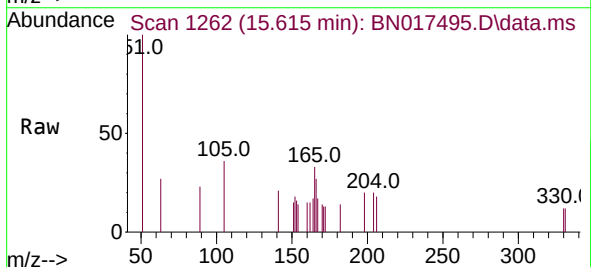
Tgt Ion:198 Resp: 74

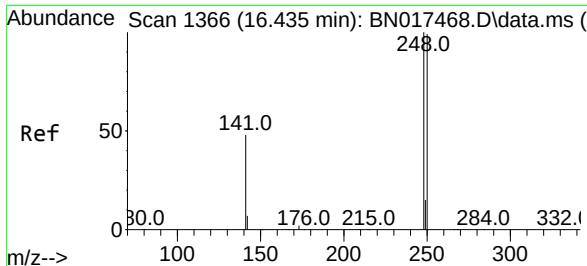
Ion Ratio Lower Upper

198 100

182 67.5 11.4 17.2#

77 0.0 0.0 0.0

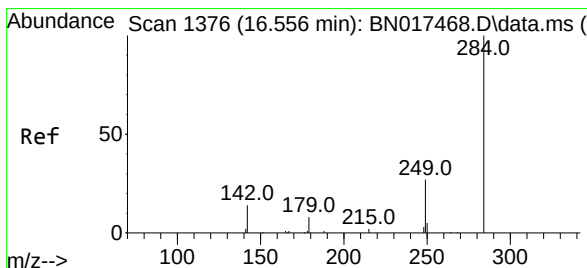
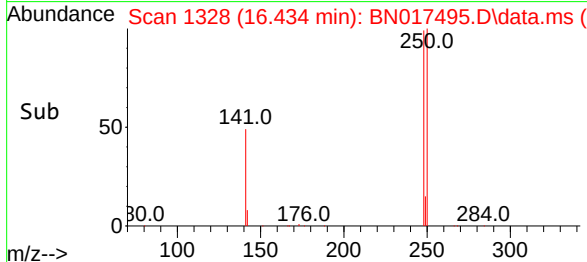
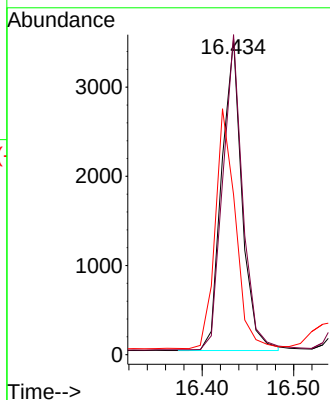
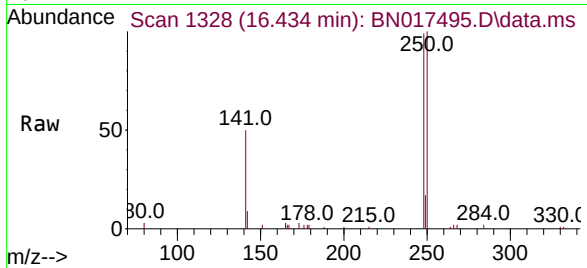




#21
4-Bromophenyl-phenylether
Concen: 0.103 ng
RT: 16.434 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

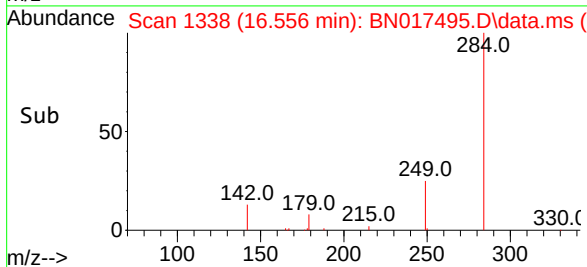
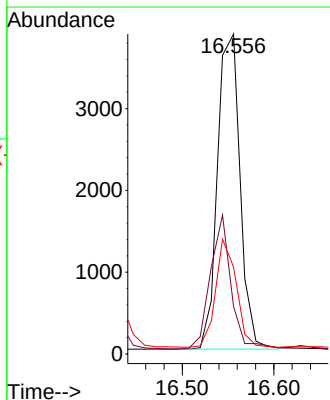
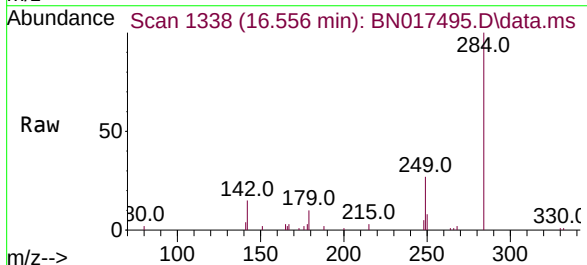
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

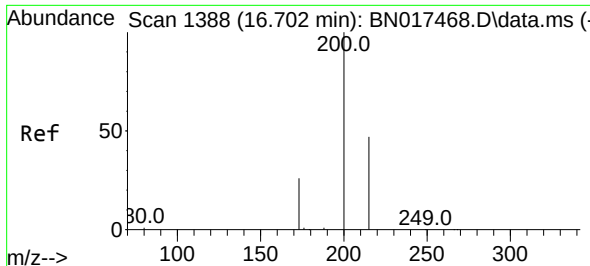
Tgt Ion:248 Resp: 5378
Ion Ratio Lower Upper
248 100
250 101.4 71.8 107.8
141 50.7 70.9 106.3#



#22
Hexachlorobenzene
Concen: 0.112 ng
RT: 16.556 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:284 Resp: 6620
Ion Ratio Lower Upper
284 100
142 38.7 28.2 42.2
249 31.2 24.4 36.6

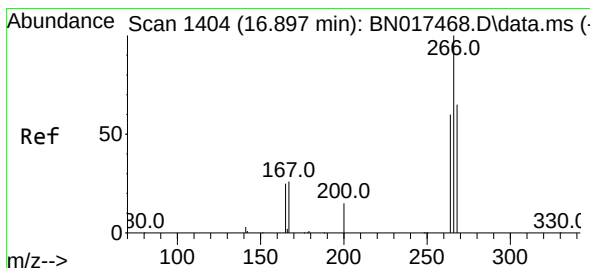
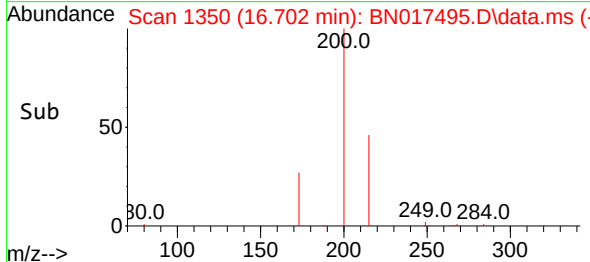
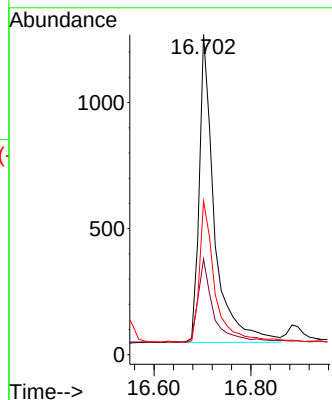
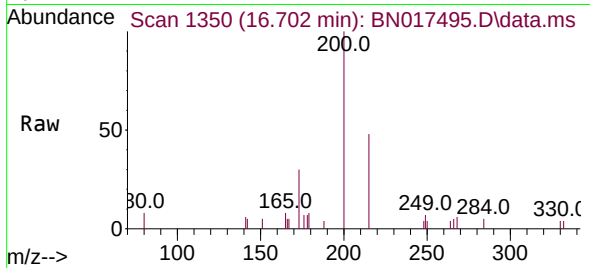




#23
Atrazine
Concen: 0.089 ng
RT: 16.702 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

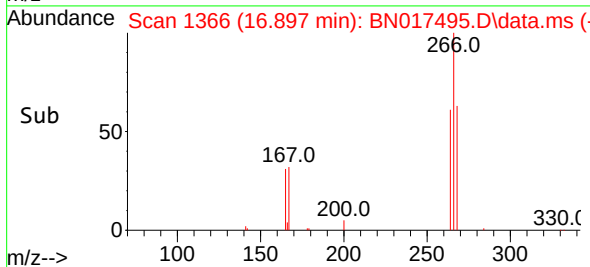
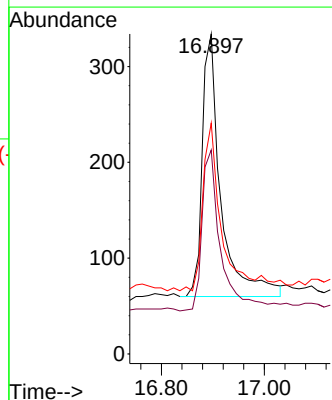
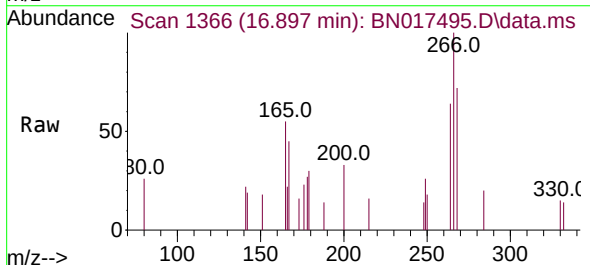
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

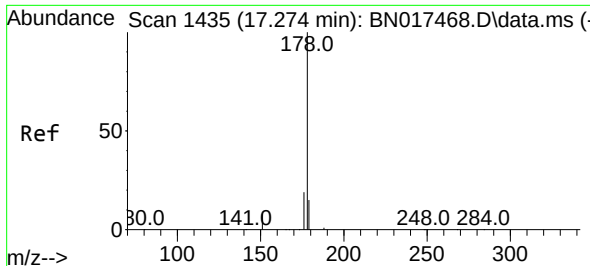
Tgt Ion:200 Resp: 2655
Ion Ratio Lower Upper
200 100
173 29.9 17.6 26.4#
215 48.0 40.2 60.4



#24
Pentachlorophenol
Concen: 0.134 ng
RT: 16.897 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:266 Resp: 690
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 60.9 51.3 76.9

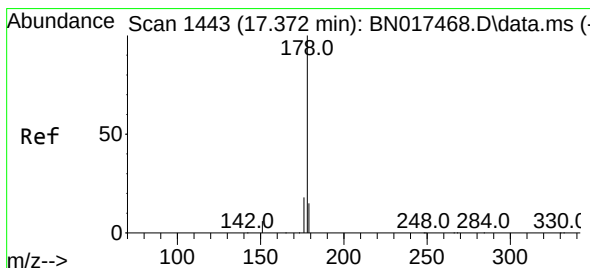
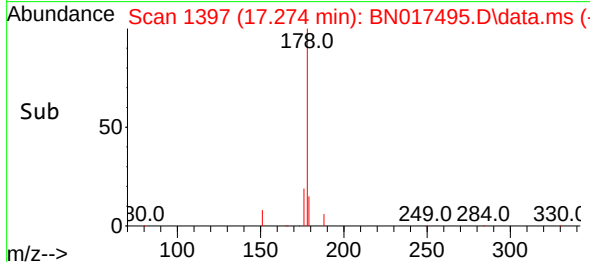
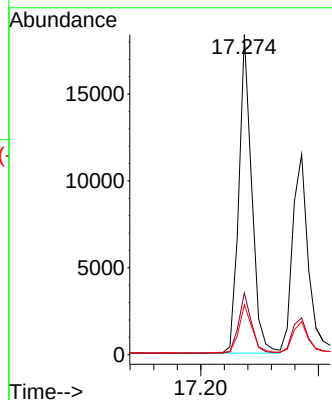
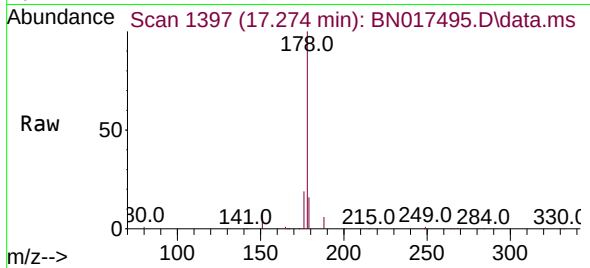




#25
Phenanthrene
Concen: 0.109 ng
RT: 17.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

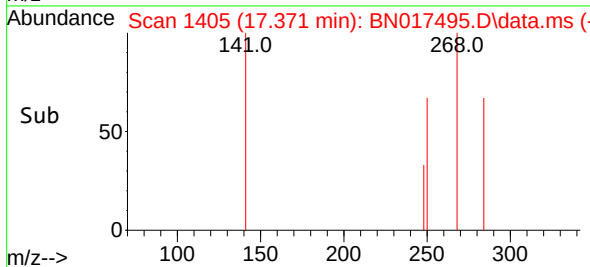
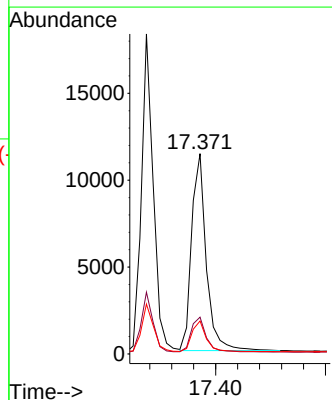
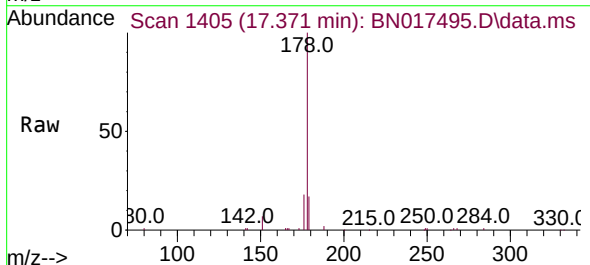
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

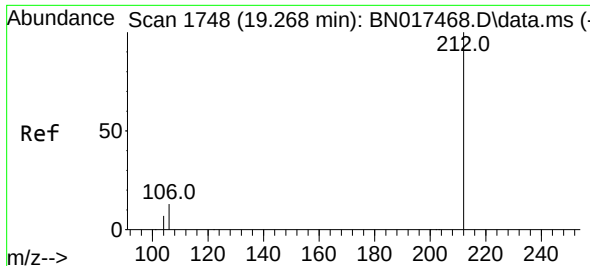
Tgt Ion:178 Resp: 27680
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.9 12.3 18.5



#26
Anthracene
Concen: 0.100 ng
RT: 17.371 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:178 Resp: 21020
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.3 12.2 18.4

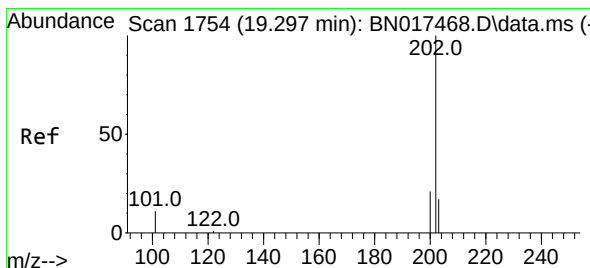
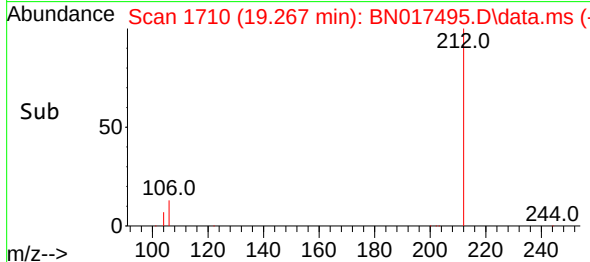
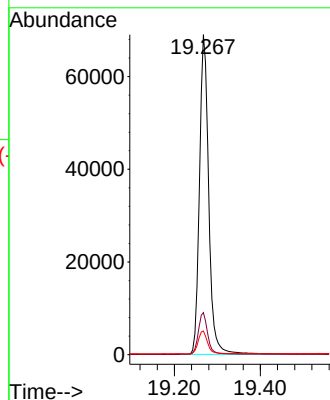
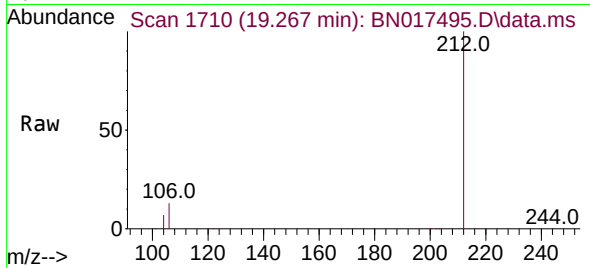




#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.267 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

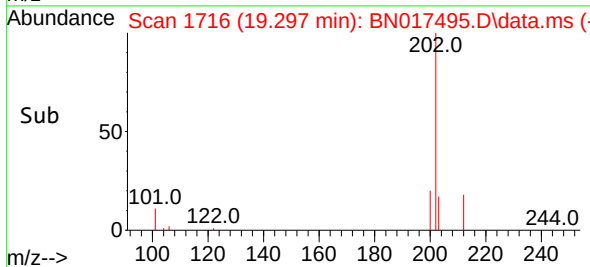
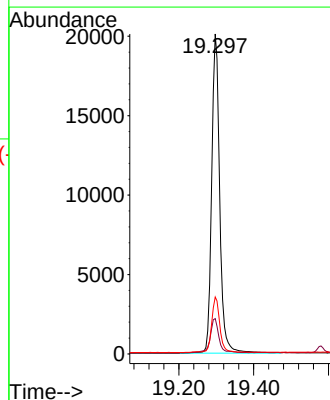
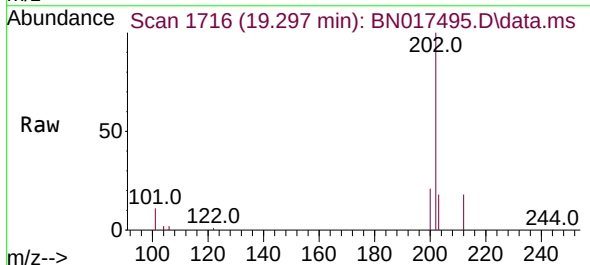
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

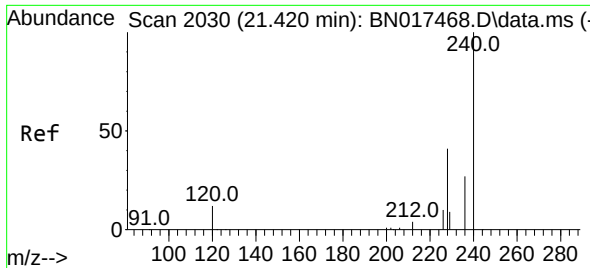
Tgt Ion:212 Resp: 103265
Ion Ratio Lower Upper
212 100
106 13.1 10.5 15.7
104 7.3 5.8 8.6



#28
Fluoranthene
Concen: 0.110 ng
RT: 19.297 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:202 Resp: 29954
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
203 17.1 13.8 20.6

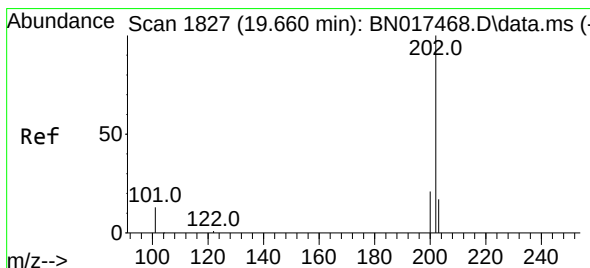
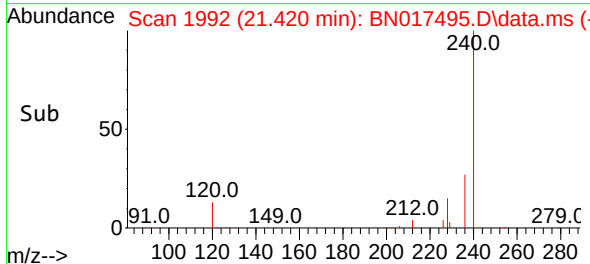
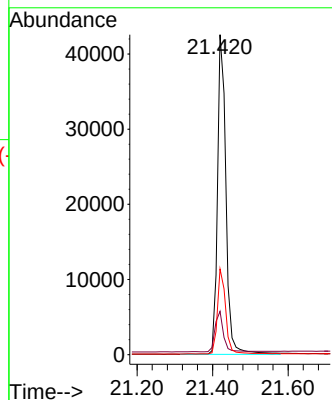
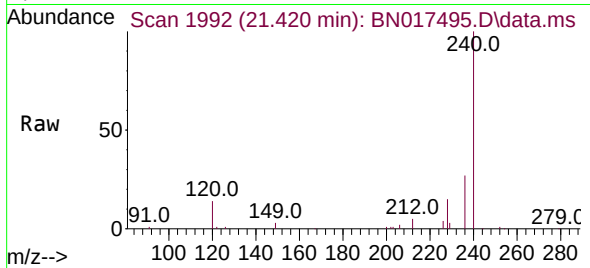




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

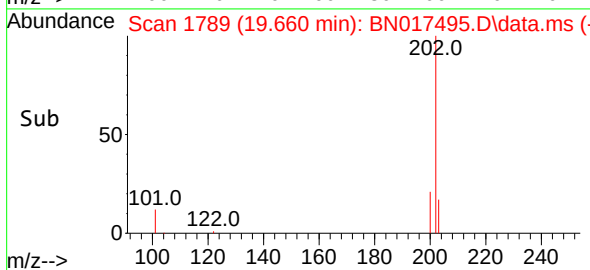
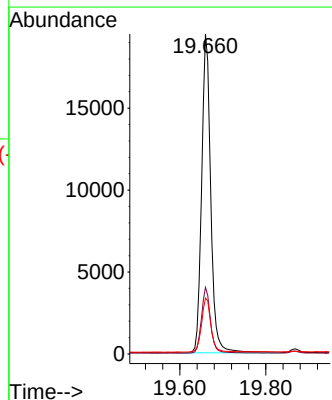
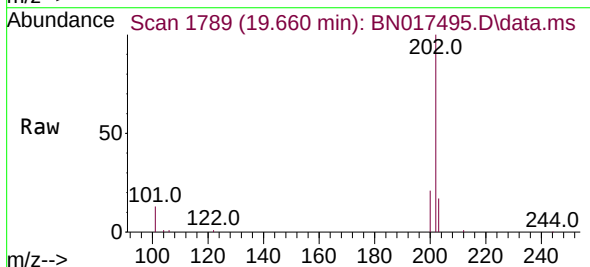
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

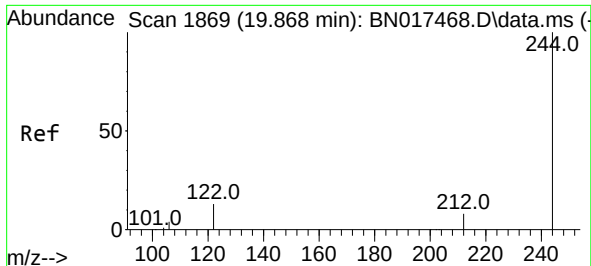
Tgt Ion:240 Resp: 66115
Ion Ratio Lower Upper
240 100
120 13.5 4.2 6.2#
236 26.8 20.0 30.0



#30
Pyrene
Concen: 0.120 ng
RT: 19.660 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:202 Resp: 28596
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.6 14.0 21.0

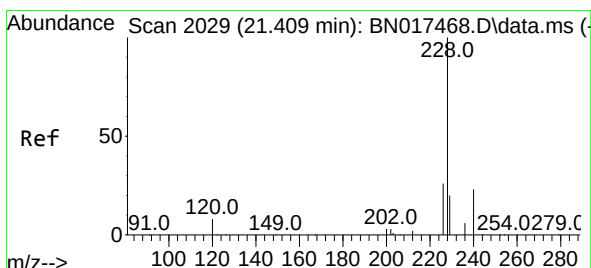
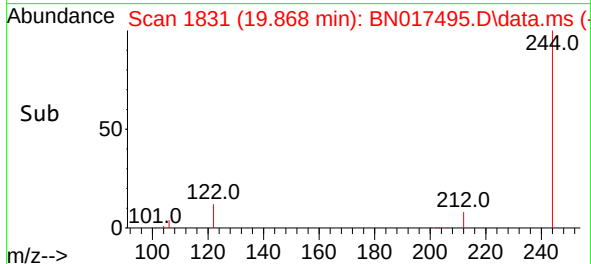
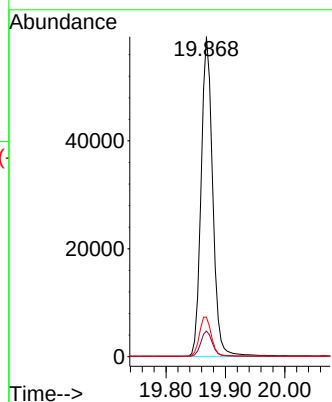
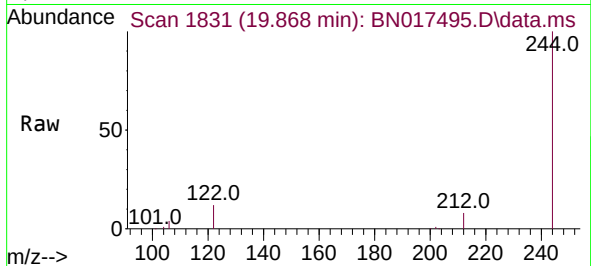




#31
 Terphenyl-d14
 Concen: 0.495 ng
 RT: 19.868 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BN017495.D
 Acq: 17 Nov 2021 16:06

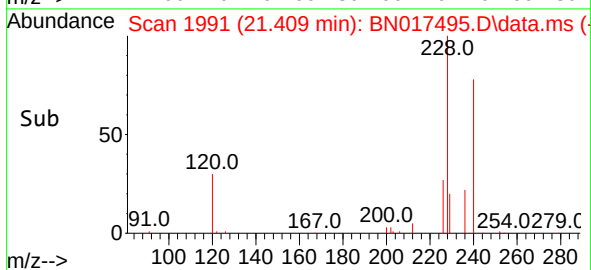
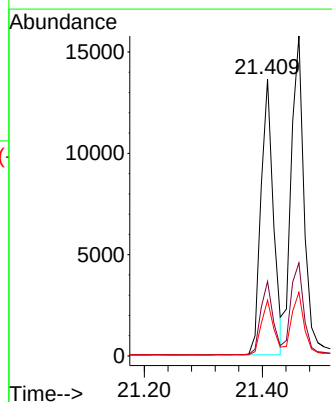
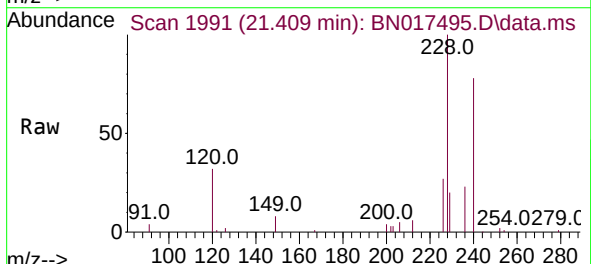
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

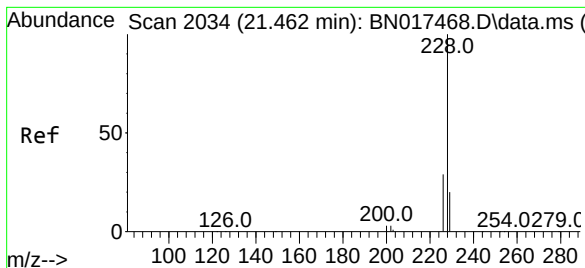
Tgt Ion:244 Resp: 80364
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 12.4 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.097 ng
 RT: 21.409 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN017495.D
 Acq: 17 Nov 2021 16:06

Tgt Ion:228 Resp: 19825
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.3 31.9
 229 20.1 15.7 23.5





#33

Chrysene

Concen: 0.112 ng

RT: 21.462 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2021

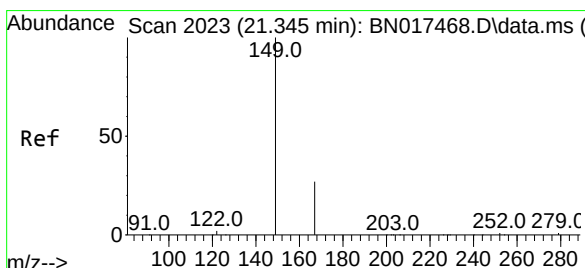
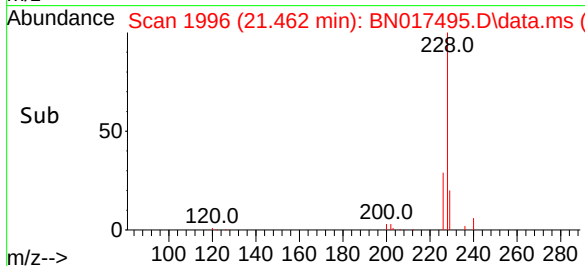
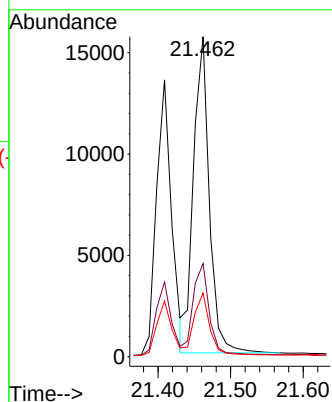
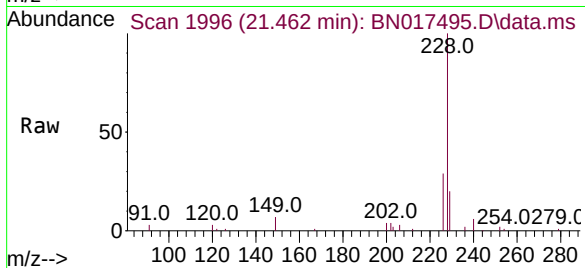
Tgt Ion:228 Resp: 23630

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

229 19.9 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.345 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

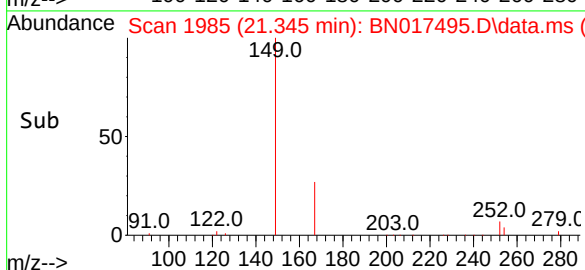
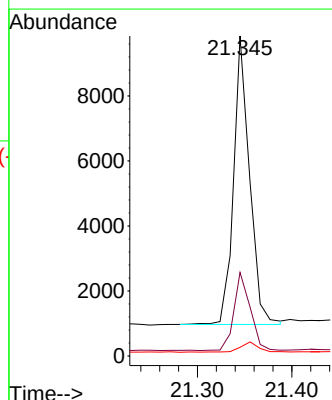
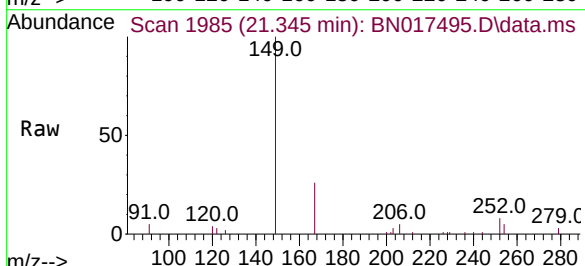
Tgt Ion:149 Resp: 10441

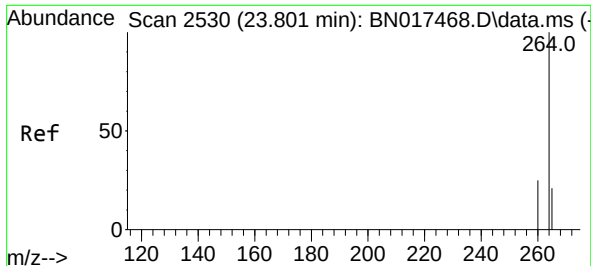
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 3.7 3.4 5.0

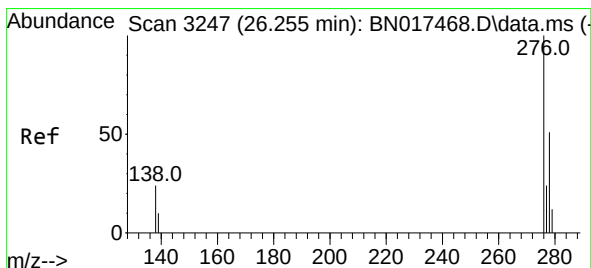
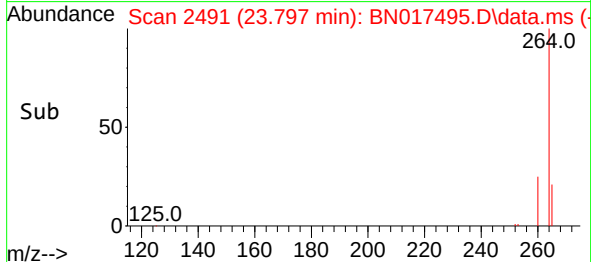
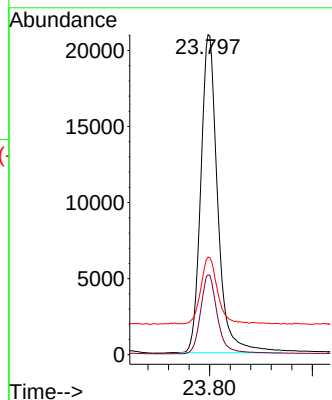
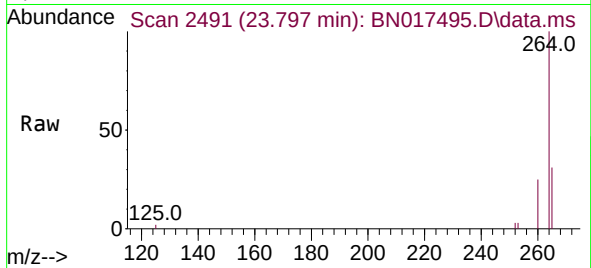




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

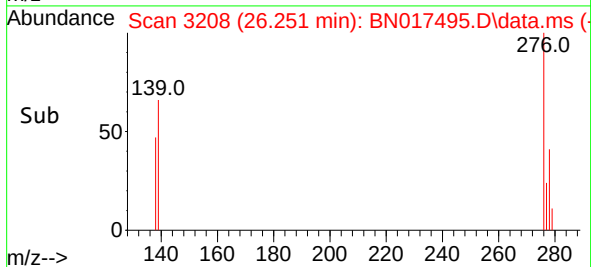
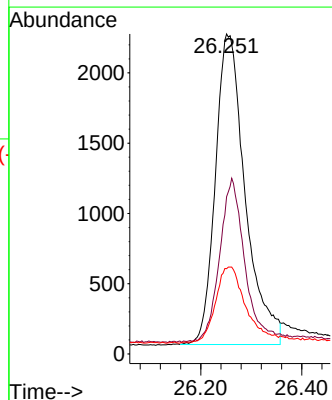
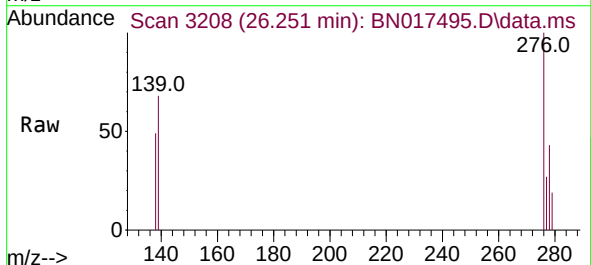
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

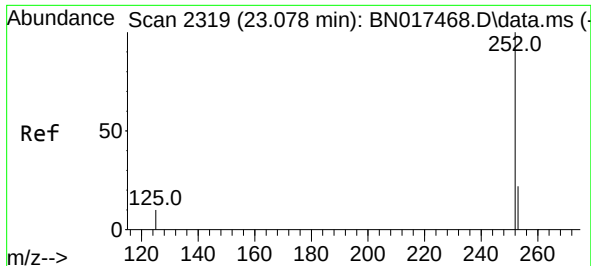
Tgt Ion:264 Resp: 47637
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 30.5 18.6 28.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 26.251 min Scan# 3208
Delta R.T. -0.004 min
Lab File: BN017495.D
Acq: 17 Nov 2021 16:06

Tgt Ion:276 Resp: 9071
Ion Ratio Lower Upper
276 100
138 44.6 19.7 29.5#
277 24.5 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.109 ng

RT: 23.078 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2021

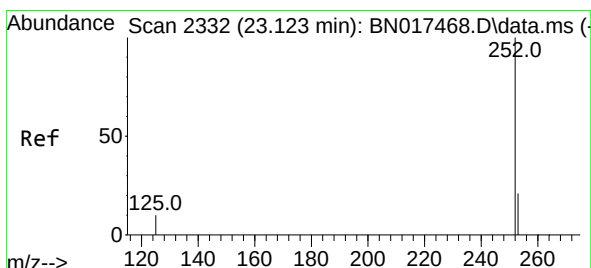
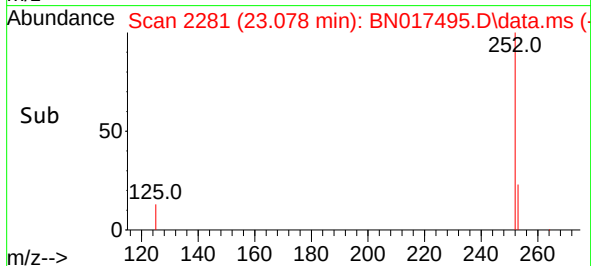
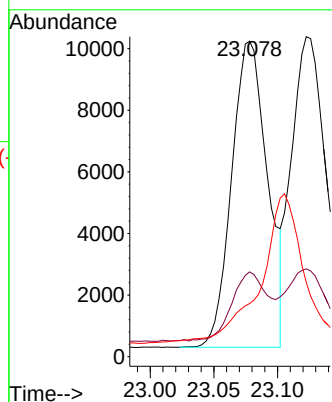
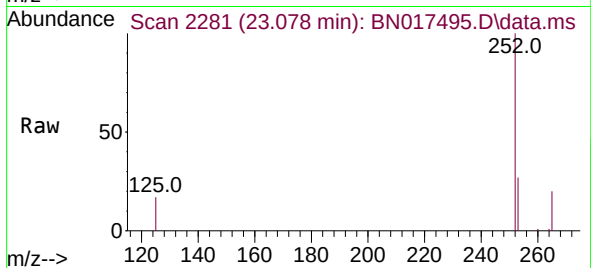
Tgt Ion:252 Resp: 19425

Ion Ratio Lower Upper

252 100

253 26.9 17.7 26.5#

125 16.9 7.8 11.8#



#38

Benzo(k)fluoranthene

Concen: 0.109 ng

RT: 23.123 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

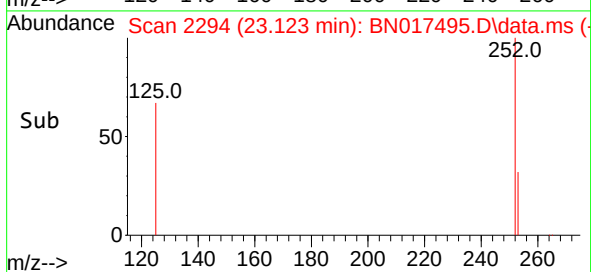
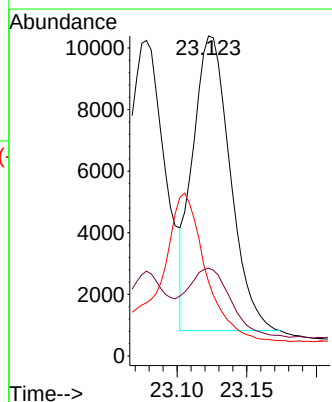
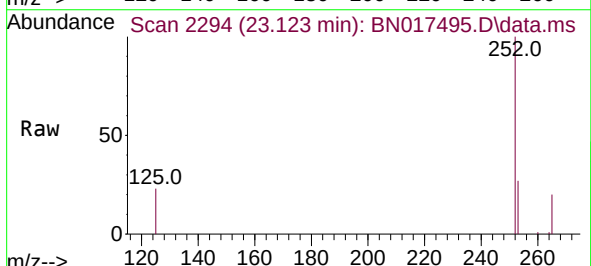
Tgt Ion:252 Resp: 17877

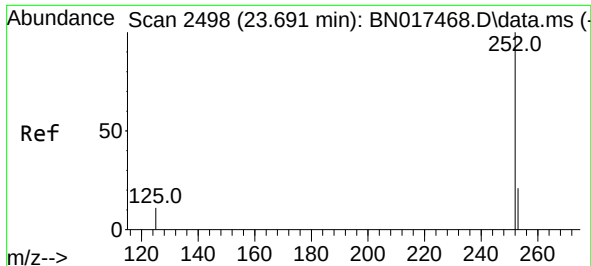
Ion Ratio Lower Upper

252 100

253 27.4 17.7 26.5#

125 23.2 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.694 min Scan# 2498

Delta R.T. 0.003 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2021

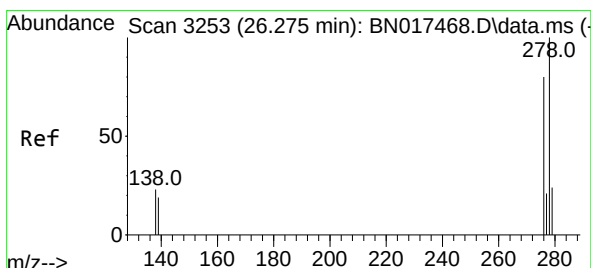
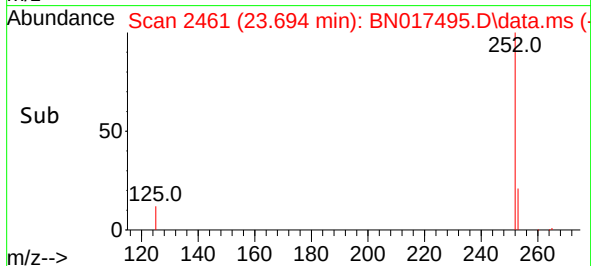
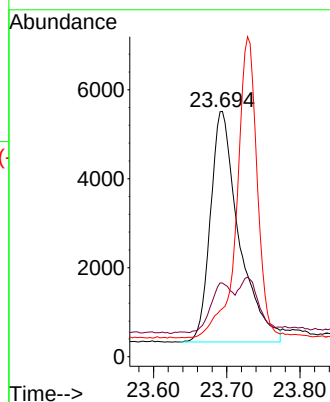
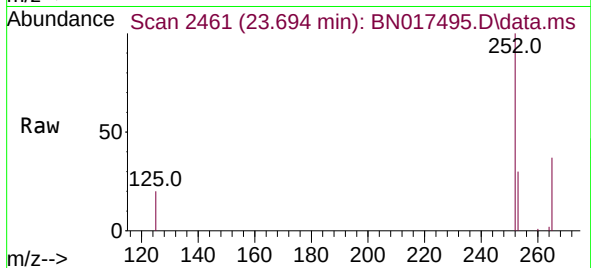
Tgt Ion:252 Resp: 14069

Ion Ratio Lower Upper

252 100

253 30.0 17.9 26.9#

125 19.6 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.074 ng

RT: 26.272 min Scan# 3214

Delta R.T. -0.004 min

Lab File: BN017495.D

Acq: 17 Nov 2021 16:06

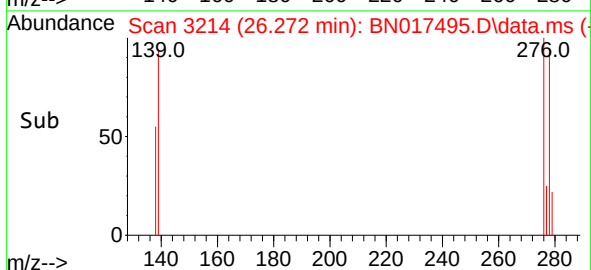
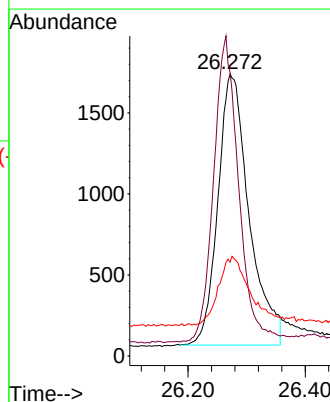
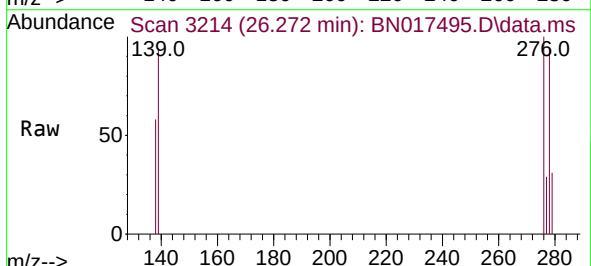
Tgt Ion:278 Resp: 6185

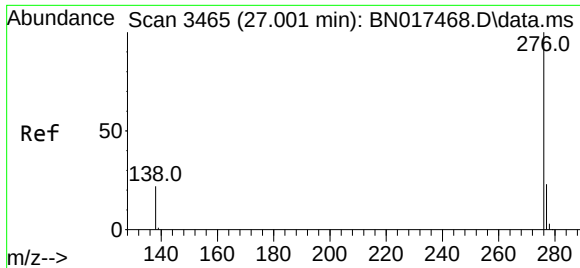
Ion Ratio Lower Upper

278 100

139 100.5 13.0 19.6#

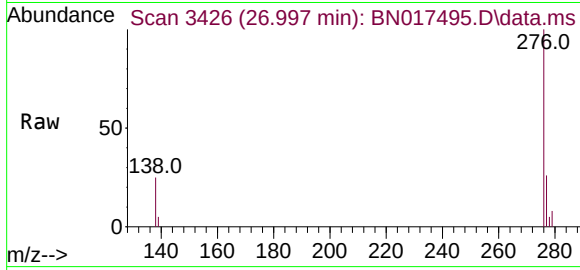
279 33.3 19.2 28.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.097 ng
 RT: 26.997 min Scan# 34
 Delta R.T. -0.004 min
 Lab File: BN017495.D
 Acq: 17 Nov 2021 16:06

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion:	276	Resp:	10033
Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.4
138	24.8	17.1	25.7

