

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071621\
 Data File : BN015593.D
 Acq On : 16 Jul 2021 12:13
 Operator : CG/JU
 Sample : M2953-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

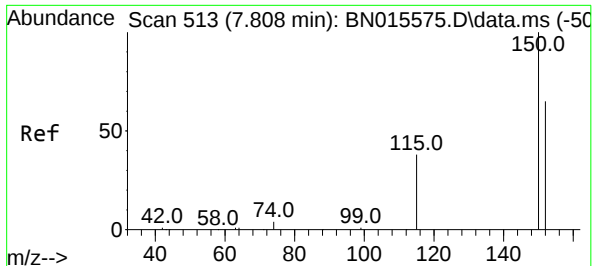
Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621

Quant Time: Jul 16 12:46:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	16190	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	71922	0.400	ng	0.00
13) Acenaphthene-d10	14.434	164	40956	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	78102	0.400	ng	0.00
29) Chrysene-d12	21.376	240	71544	0.400	ng	# 0.00
35) Perylene-d12	23.731	264	68611	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.402	112	4572	0.098	ng	0.00
5) Phenol-d6	6.979	99	2991	0.054	ng	0.00
8) Nitrobenzene-d5	8.949	82	16628	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	37563	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	4968	0.372	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	52429	0.317	ng	0.00
27) Fluoranthene-d10	19.217	212	91019	0.386	ng	0.00
31) Terphenyl-d14	19.818	244	71740	0.423	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	154402	19.497	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.576	198	51	Below Cal		# 5
23) Atrazine	16.640	200	513	0.107	ng	# 81
24) Pentachlorophenol	16.823	266	4299	0.562	ng	# 39
28) Fluoranthene	19.247	202	9800	0.036	ng	# 98
30) Pyrene	19.609	202	10138	0.037	ng	98
32) Benzo(a)anthracene	21.366	228	11447	0.046	ng	95
33) Chrysene	21.366	228	11275	0.043	ng	93
34) Bis(2-ethylhexyl)phtha...	21.302	149	35825	0.334	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.148	276	12626	0.052	ng	# 85
37) Benzo(b)fluoranthene	23.016	252	12836	0.048	ng	# 87
38) Benzo(k)fluoranthene	23.063	252	12807	0.047	ng	# 90
39) Benzo(a)pyrene	23.625	252	7934	0.034	ng	# 79
40) Dibenzo(a,h)anthracene	26.165	278	10181	0.053	ng	# 91
41) Benzo(g,h,i)perylene	26.880	276	10934	0.053	ng	# 87

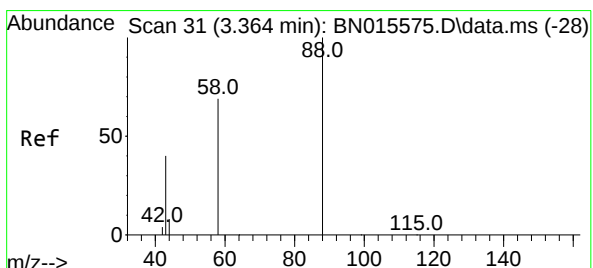
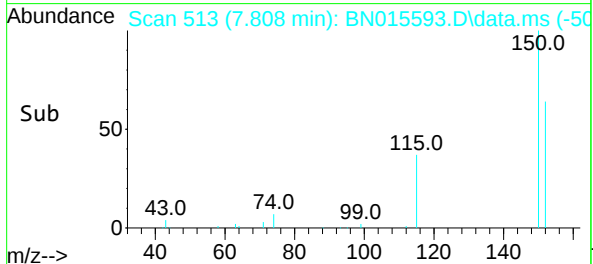
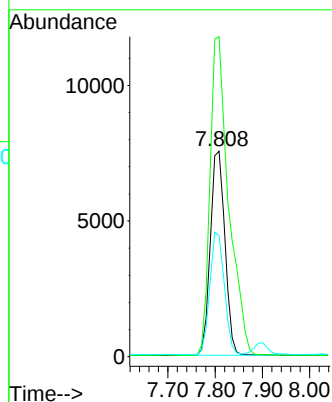
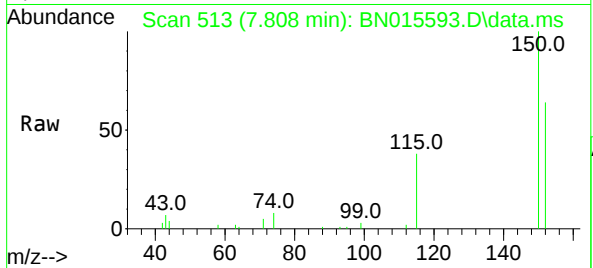
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.808 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: BN015593.D
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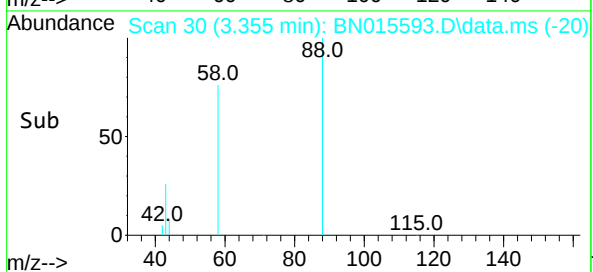
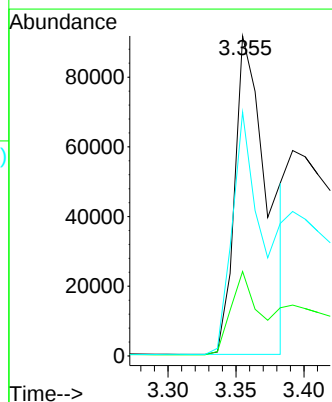
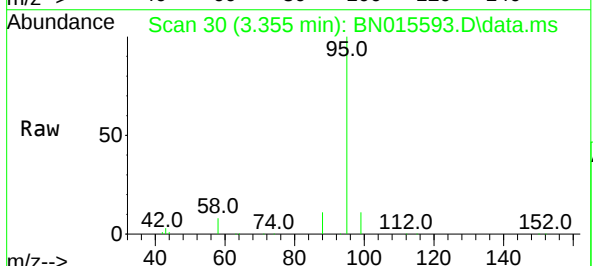
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 MW-11B-070621

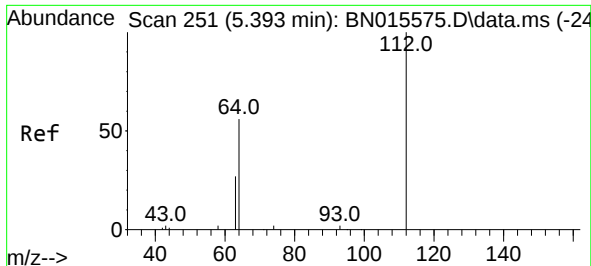
Tgt Ion:152 Resp: 16190
 Ion Ratio Lower Upper
 152 100
 150 155.8 119.0 178.6
 115 58.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 19.497 ng
 RT: 3.355 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BN015593.D
 Acq: 16 Jul 2021 12:13

Tgt Ion: 88 Resp: 154402
 Ion Ratio Lower Upper
 88 100
 43 21.8 12.9 19.3#
 58 61.3 38.1 57.1#

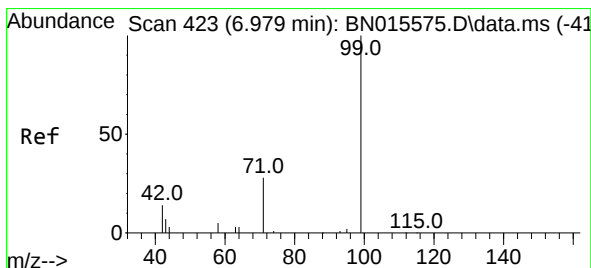
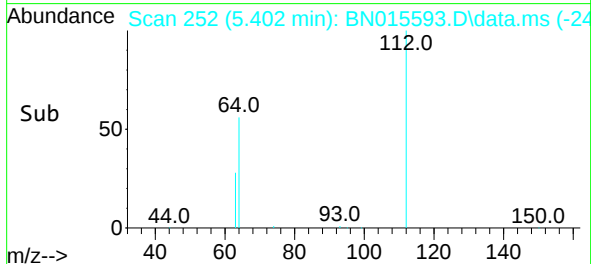
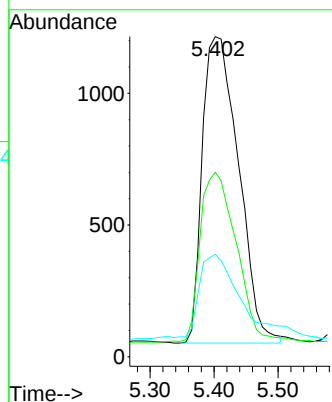
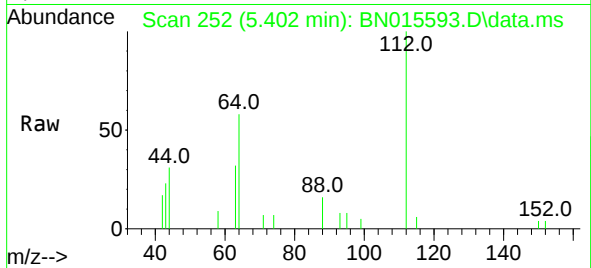




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.402 min Scan# 252
Delta R.T. 0.009 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

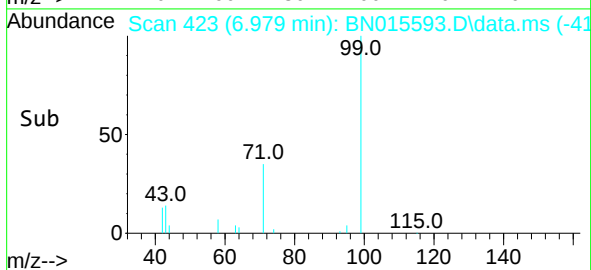
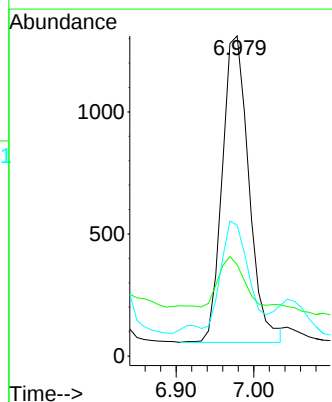
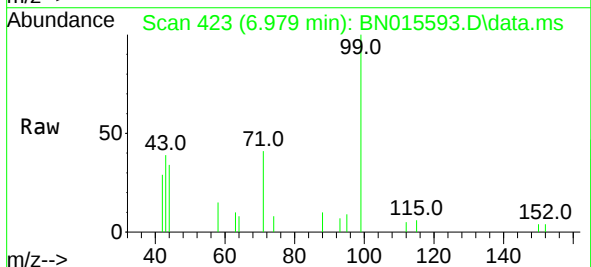
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ClientSampleId :
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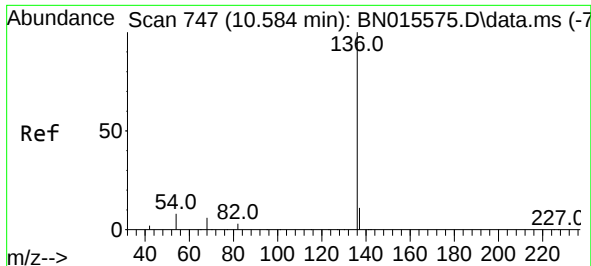
Tgt Ion:112 Resp: 4572
Ion Ratio Lower Upper
112 100
64 55.1 39.0 58.6
63 29.7 20.6 30.8



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.979 min Scan# 423
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion: 99 Resp: 2991
Ion Ratio Lower Upper
99 100
42 15.7 8.9 13.3#
71 40.3 35.6 53.4

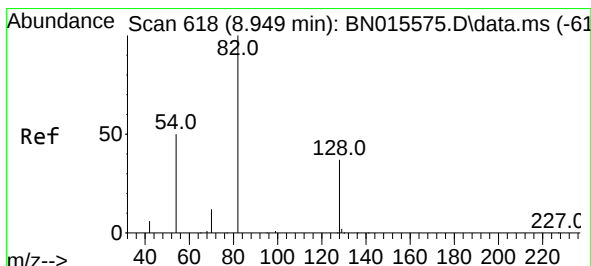
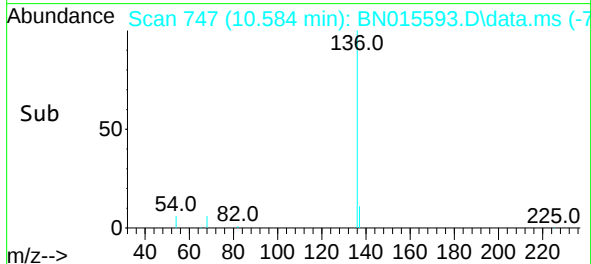
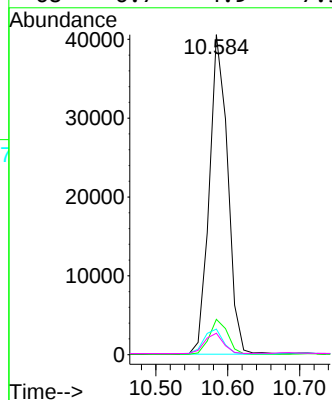
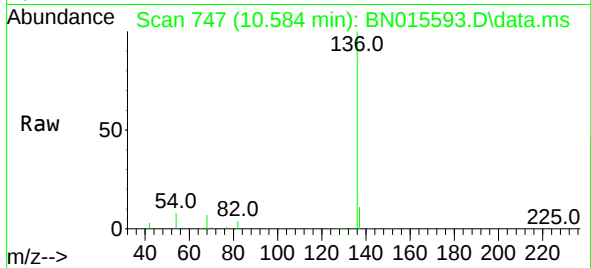




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

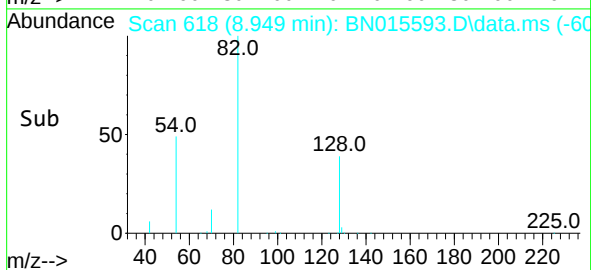
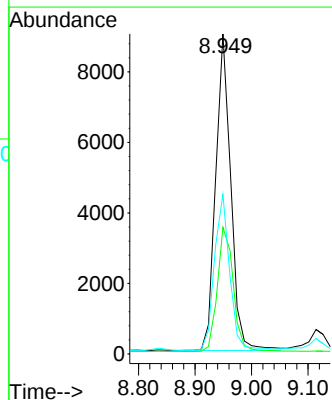
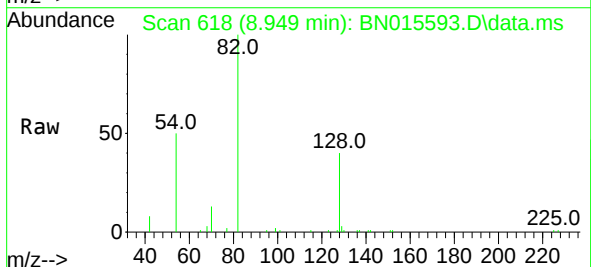
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ClientSampleId :
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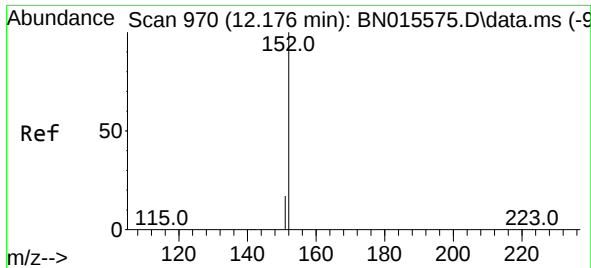
Tgt Ion:	136	Resp:	71922
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	8.0	5.4	8.2
68	6.7	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:	82	Resp:	16628
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.6	47.4
54	49.8	29.0	43.4

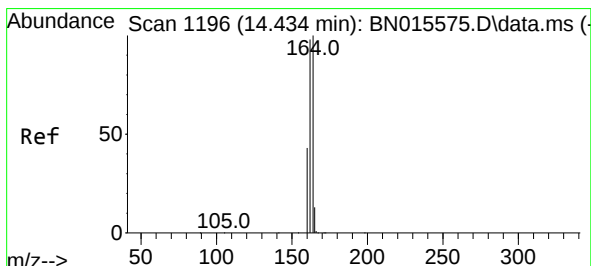
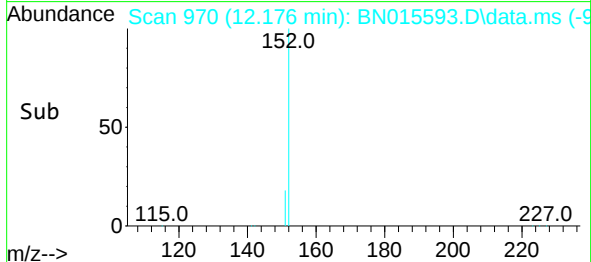
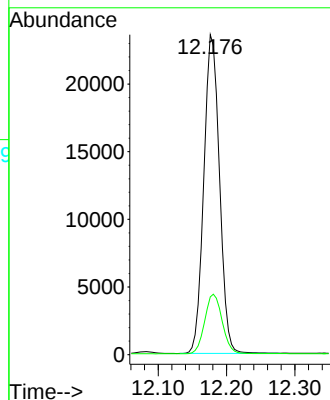
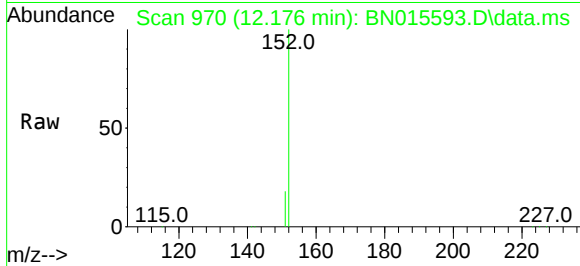




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.176 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

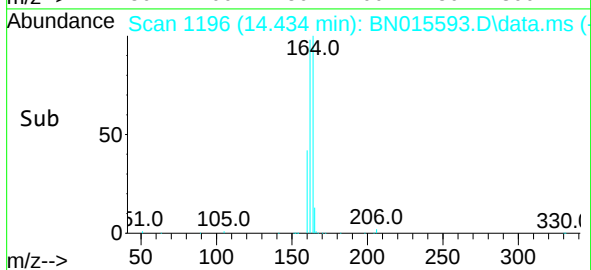
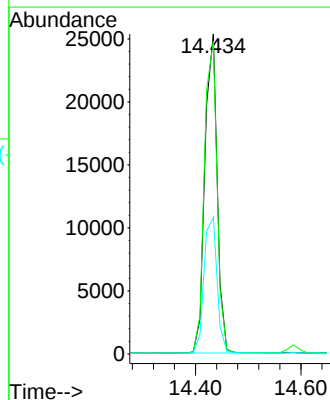
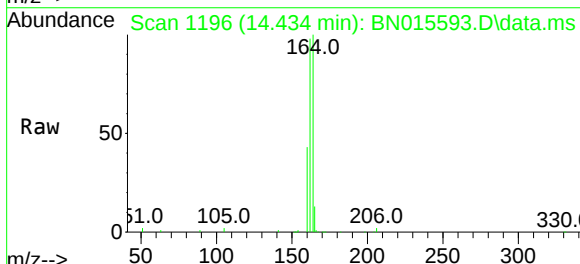
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ClientSampleId :
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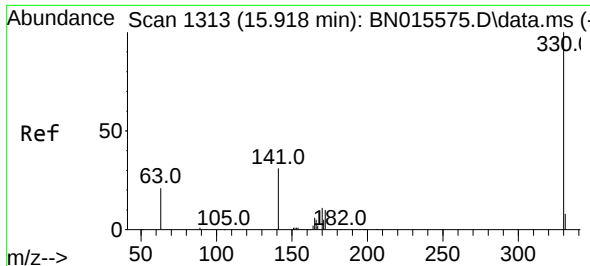
Tgt Ion:152 Resp: 37563
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:164 Resp: 40956
Ion Ratio Lower Upper
164 100
162 97.7 83.8 125.6
160 42.6 37.4 56.0

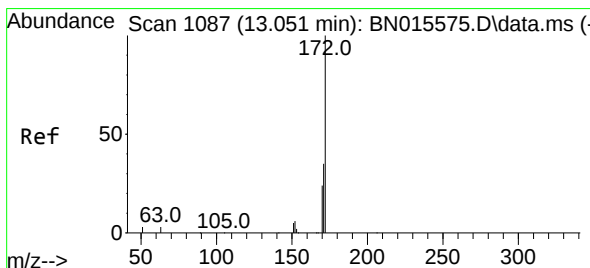
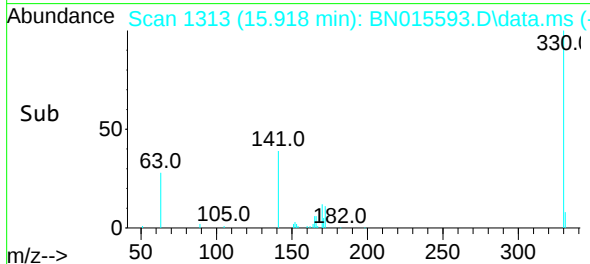
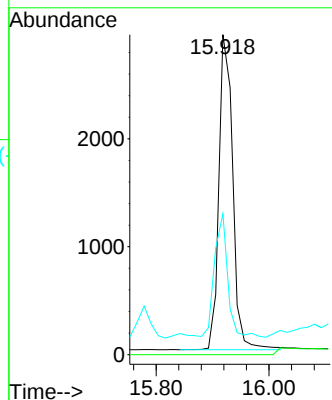
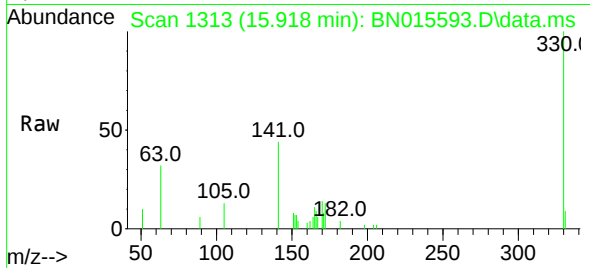




#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

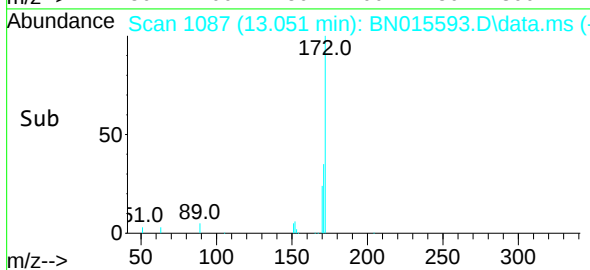
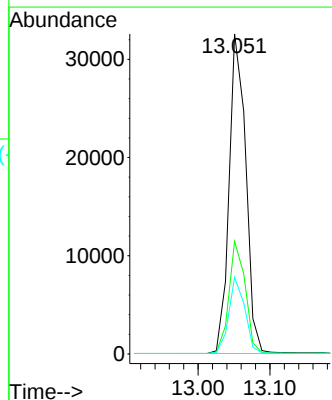
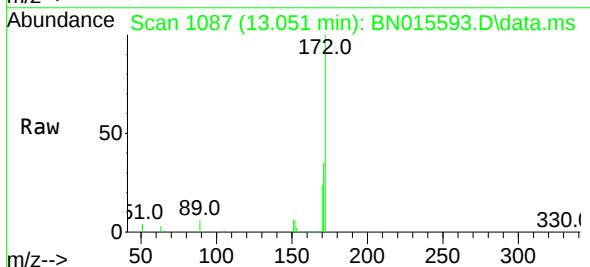
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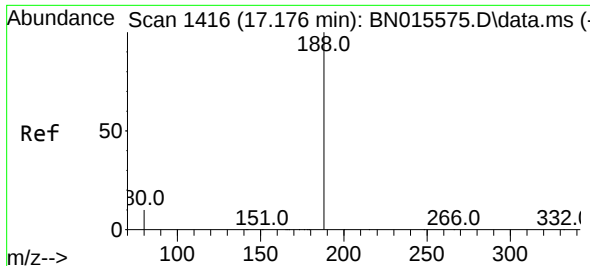
Tgt Ion:330 Resp: 4968
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.4 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:172 Resp: 52429
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 23.9 20.2 30.4

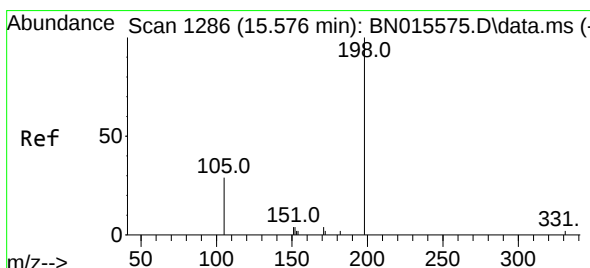
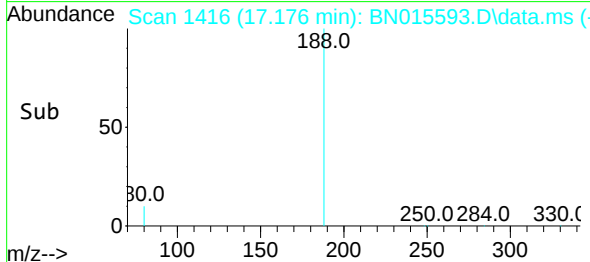
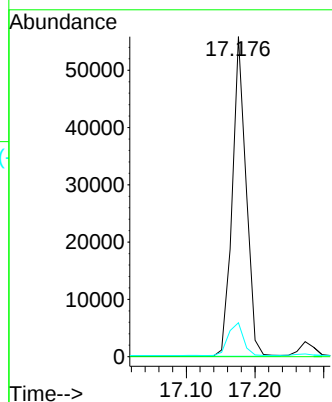
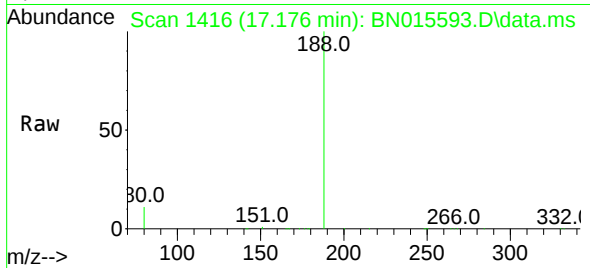




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

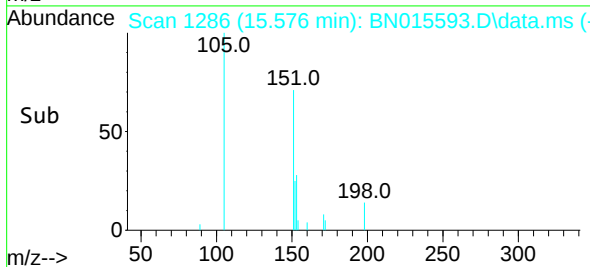
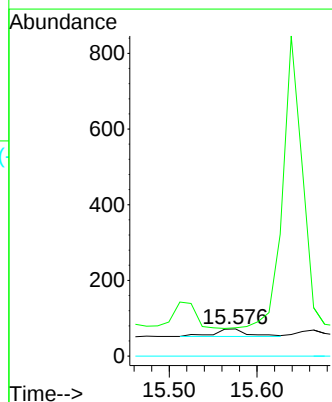
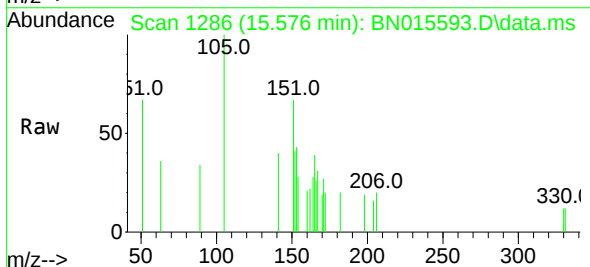
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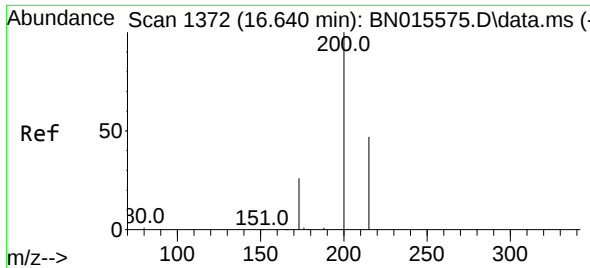
Tgt Ion:188 Resp: 78102
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.576 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:198 Resp: 51
Ion Ratio Lower Upper
198 100
182 104.2 34.5 51.7#
77 0.0 0.0 0.0

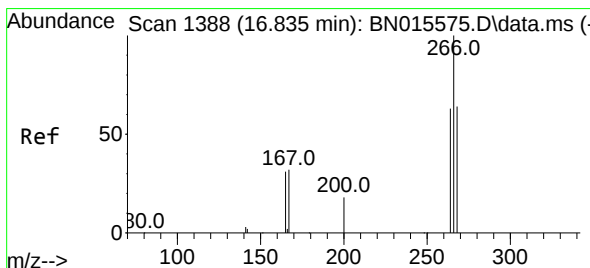
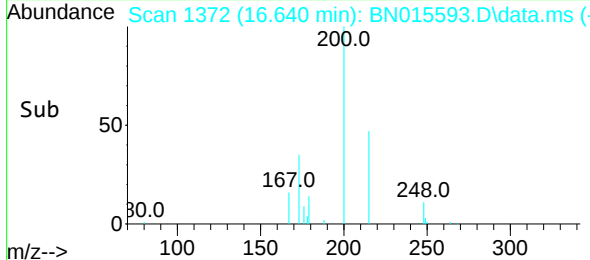
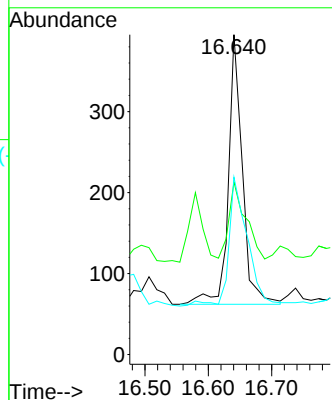
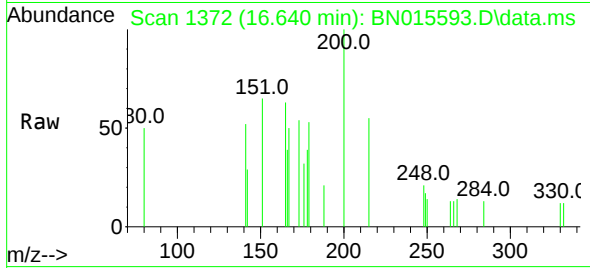




#23
Atrazine
Concen: 0.107 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

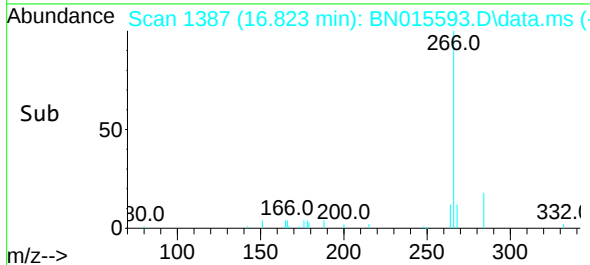
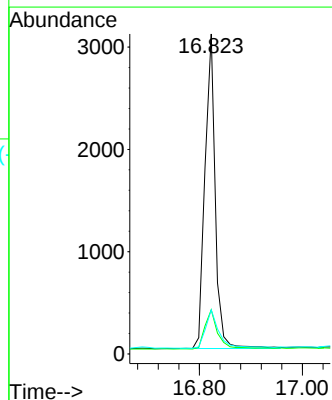
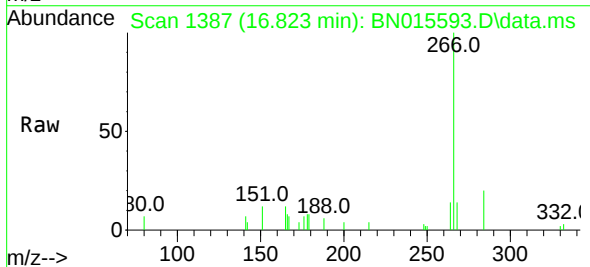
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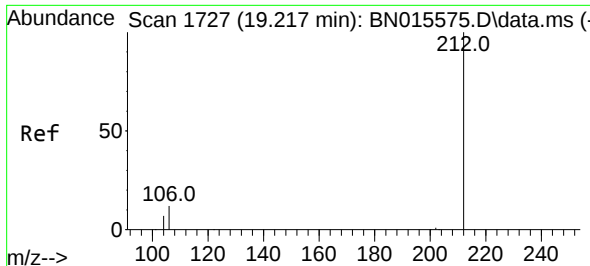
Tgt Ion:200 Resp: 513
Ion Ratio Lower Upper
200 100
173 53.9 21.7 32.5#
215 55.4 43.1 64.7



#24
Pentachlorophenol
Concen: 0.562 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:266 Resp: 4299
Ion Ratio Lower Upper
266 100
264 16.0 51.0 76.4#
268 16.3 50.6 76.0#

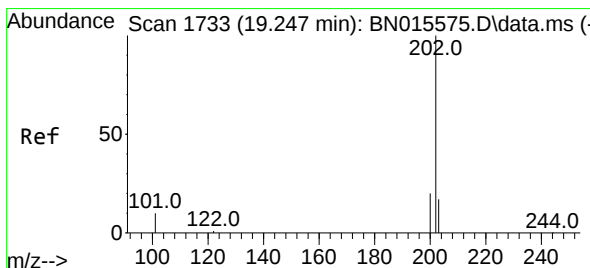
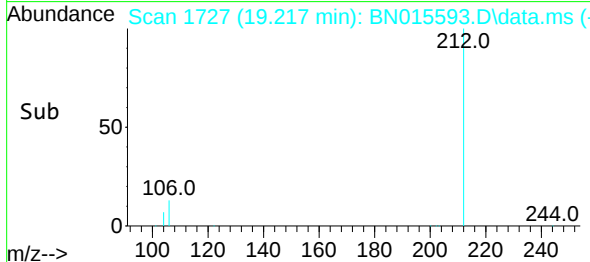
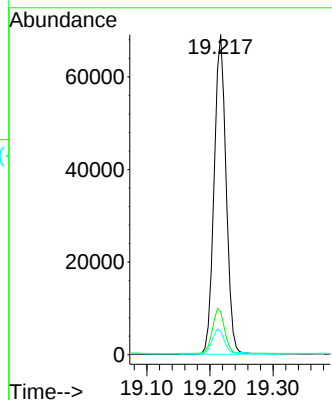
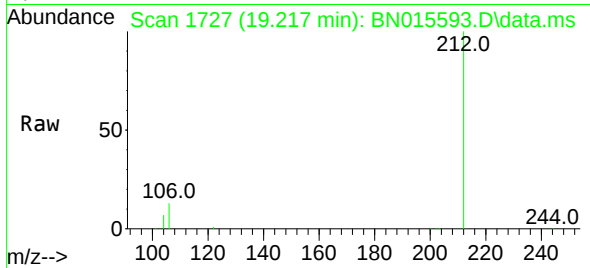




#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.217 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

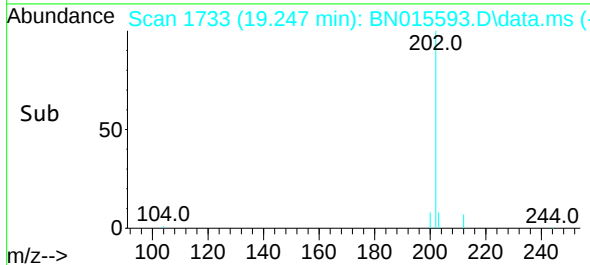
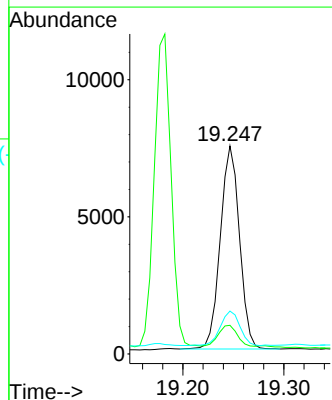
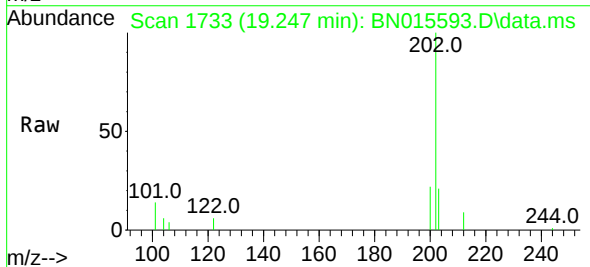
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

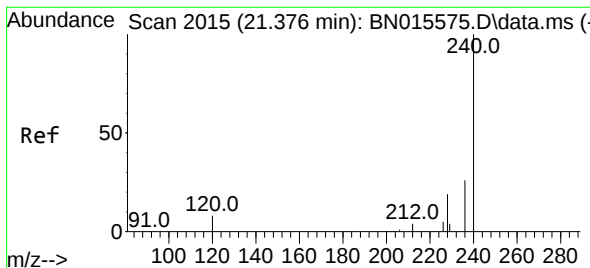
Tgt Ion:212 Resp: 91019
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.9 4.1 6.1#



#28
Fluoranthene
Concen: 0.036 ng
RT: 19.247 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:202 Resp: 9800
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
203 17.4 13.9 20.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.376 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

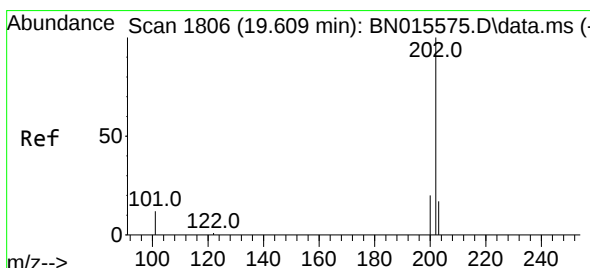
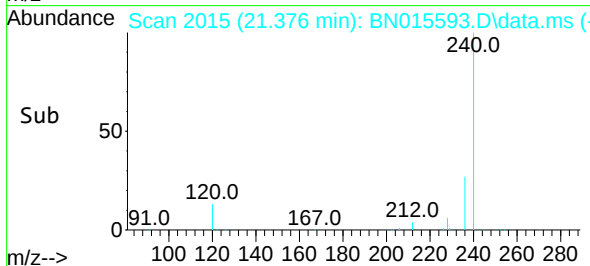
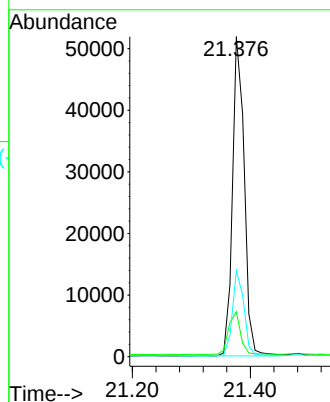
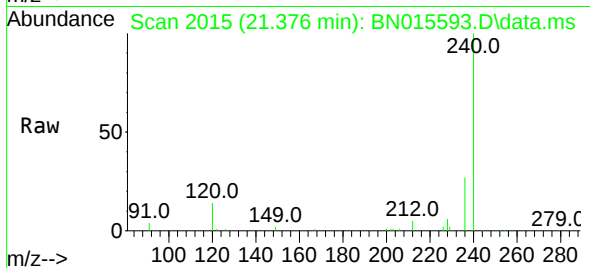
Tgt Ion:240 Resp: 71544

Ion Ratio Lower Upper

240 100

120 14.1 4.2 6.4#

236 26.8 21.4 32.2



#30

Pyrene

Concen: 0.037 ng

RT: 19.609 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

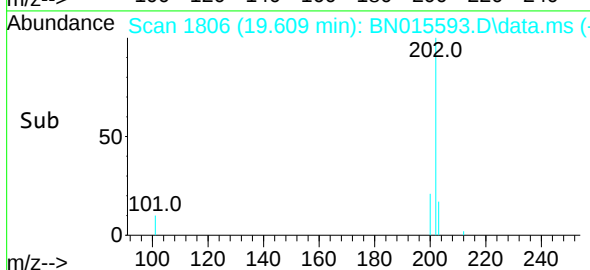
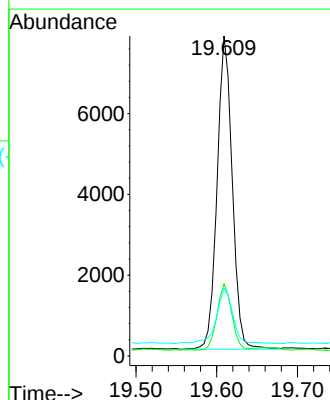
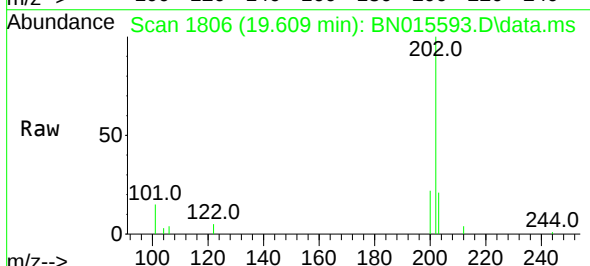
Tgt Ion:202 Resp: 10138

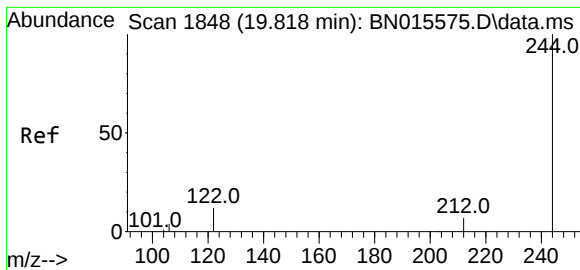
Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 18.8 13.9 20.9

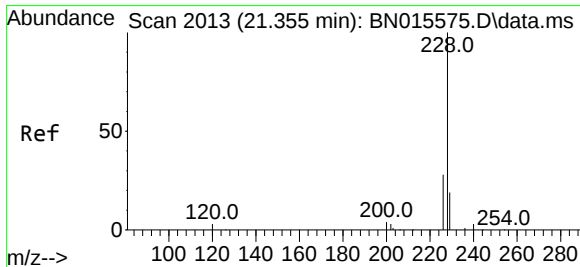
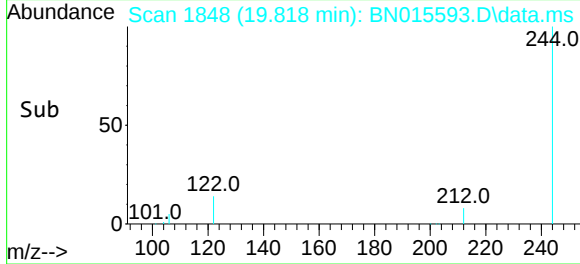
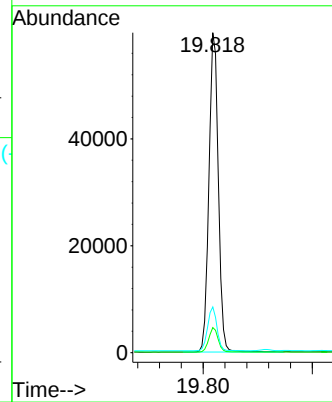
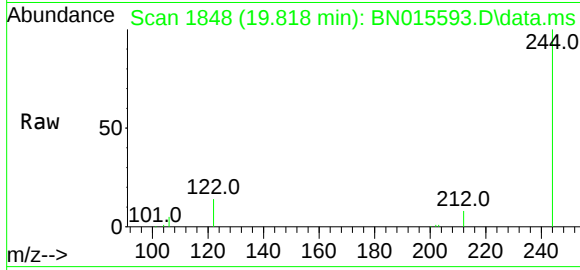




#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.818 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BN015593.D
 Acq: 16 Jul 2021 12:13

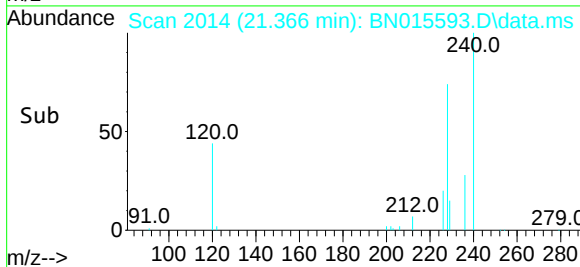
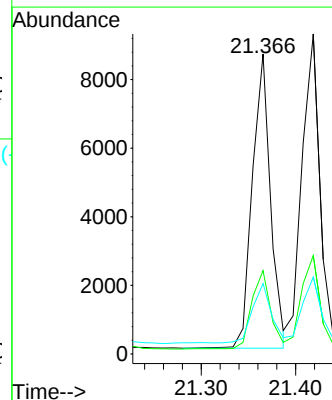
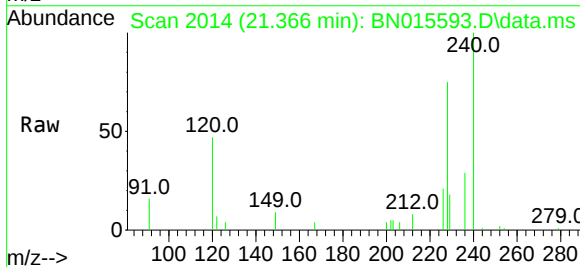
Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621

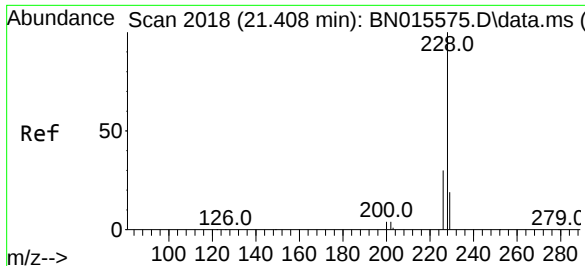
Tgt Ion:244	Resp:	71740
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.3 9.5
122	14.3	6.2 9.2#



#32
 Benzo(a)anthracene
 Concen: 0.046 ng
 RT: 21.366 min Scan# 2014
 Delta R.T. 0.011 min
 Lab File: BN015593.D
 Acq: 16 Jul 2021 12:13

Tgt Ion:228	Resp:	11447
Ion Ratio	Lower	Upper
228	100	
226	27.8	23.0 34.6
229	23.5	15.7 23.5

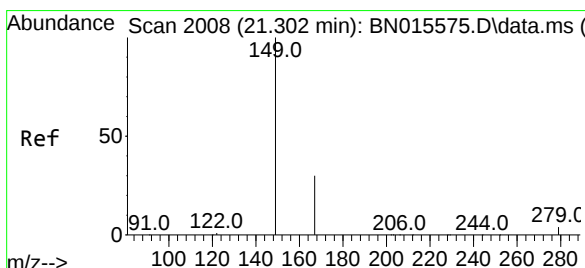
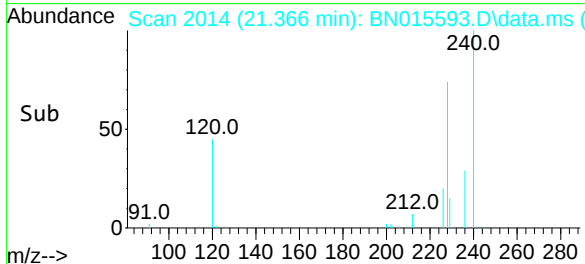
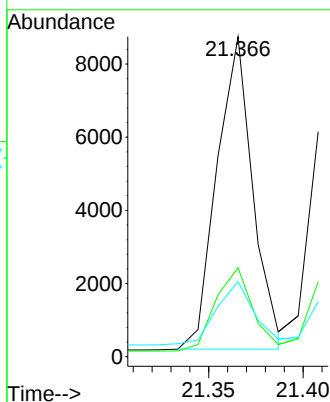
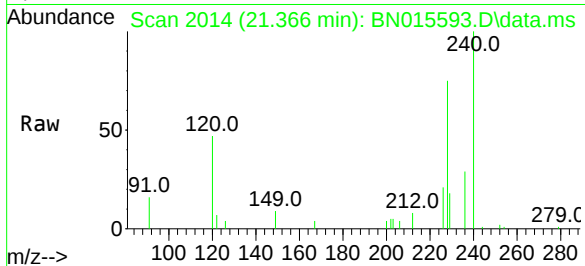




#33
Chrysene
Concen: 0.043 ng
RT: 21.366 min Scan# 2014
Delta R.T. -0.043 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

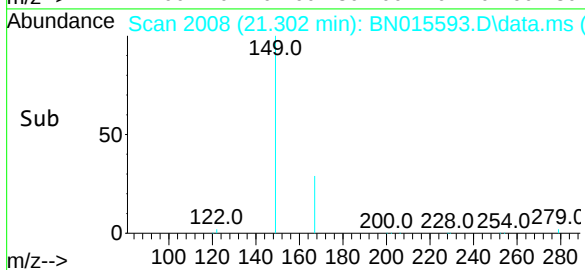
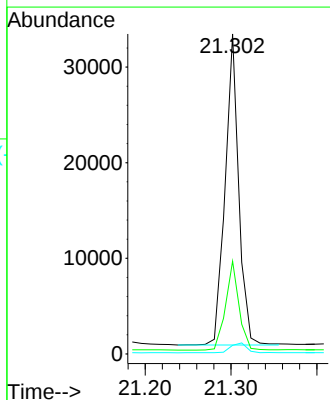
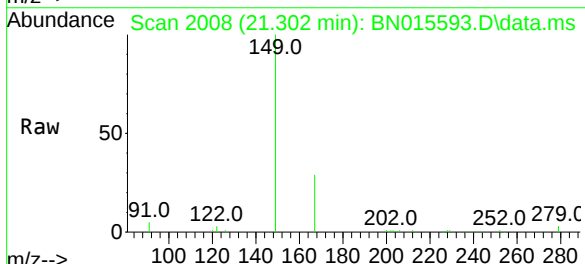
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

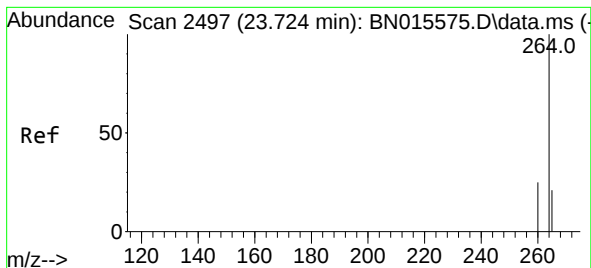
Tgt Ion:228	Resp:	11275
Ion Ratio	Lower	Upper
228	100	
226	27.8	25.0 37.6
229	23.5	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:149	Resp:	35825
Ion Ratio	Lower	Upper
149	100	
167	28.2	28.9 43.3#
279	3.8	4.9 7.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.731 min Scan# 2499

Delta R.T. 0.007 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

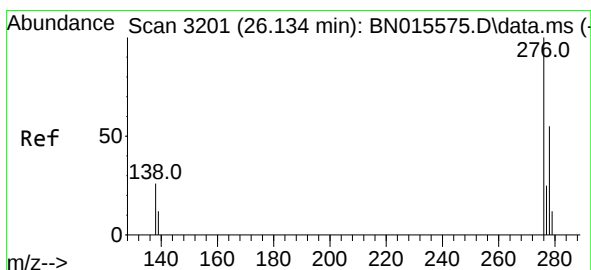
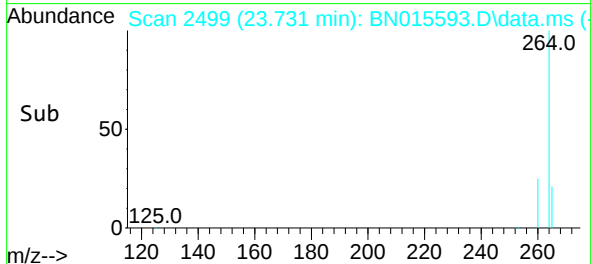
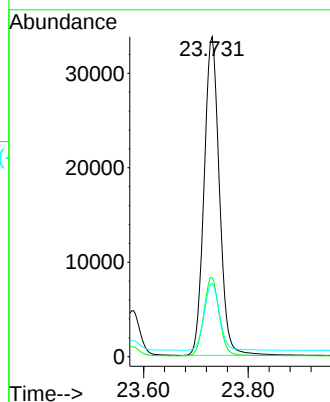
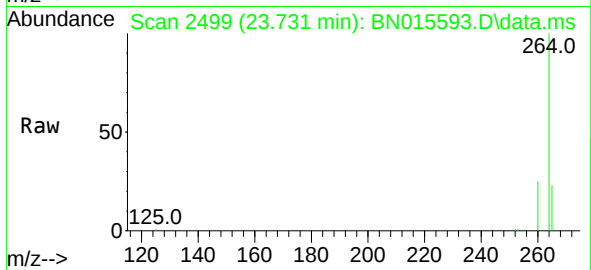
Tgt Ion:264 Resp: 68611

Ion Ratio Lower Upper

264 100

260 24.7 20.6 31.0

265 23.0 21.4 32.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.052 ng

RT: 26.148 min Scan# 3205

Delta R.T. 0.014 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

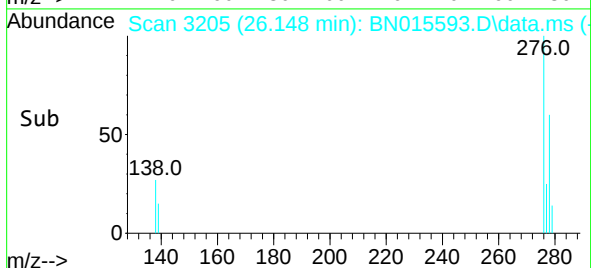
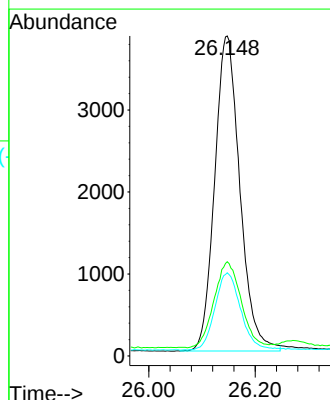
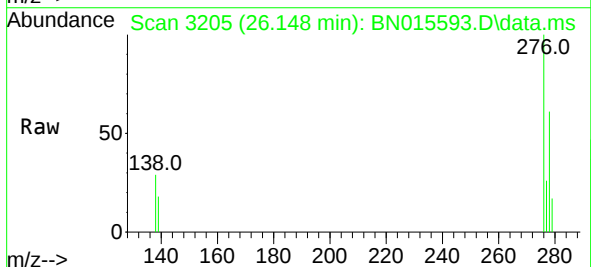
Tgt Ion:276 Resp: 12626

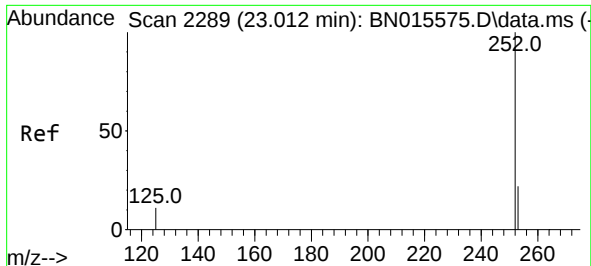
Ion Ratio Lower Upper

276 100

138 29.4 10.0 15.0#

277 25.1 20.4 30.6

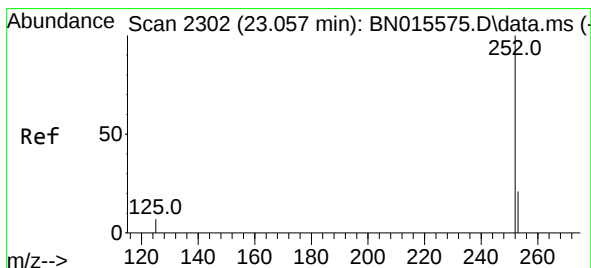
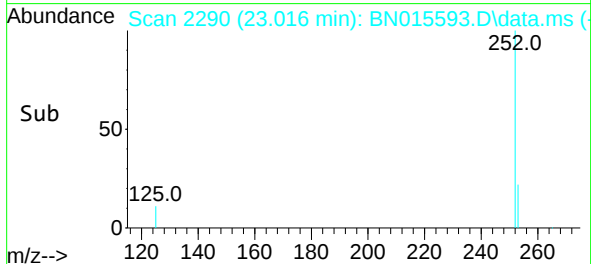
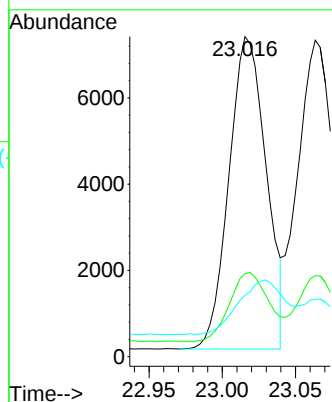
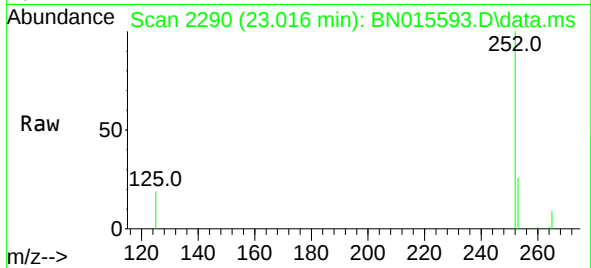




#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.016 min Scan# 2290
Delta R.T. 0.003 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

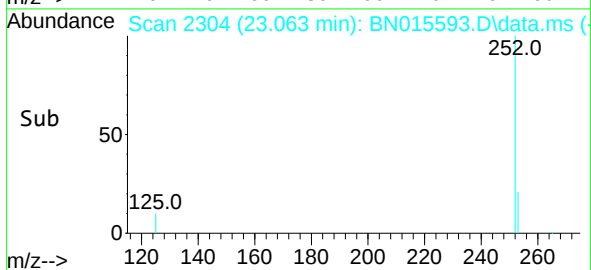
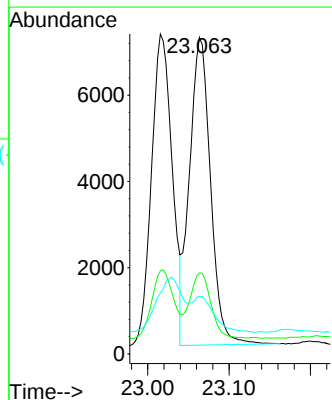
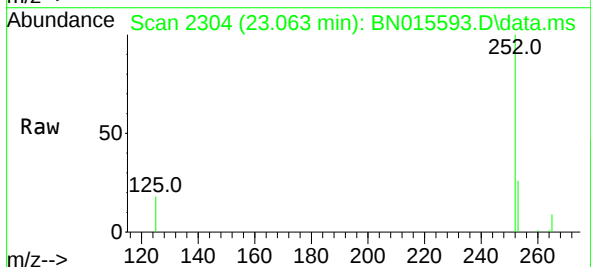
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

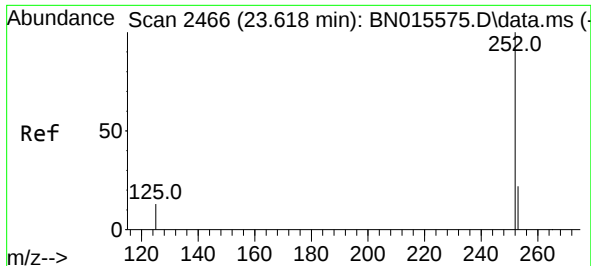
Tgt Ion:252 Resp: 12836
Ion Ratio Lower Upper
252 100
253 25.9 18.5 27.7
125 19.1 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.047 ng
RT: 23.063 min Scan# 2304
Delta R.T. 0.007 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Tgt Ion:252 Resp: 12807
Ion Ratio Lower Upper
252 100
253 25.6 19.1 28.7
125 18.2 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.034 ng

RT: 23.625 min Scan# 2468

Delta R.T. 0.007 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

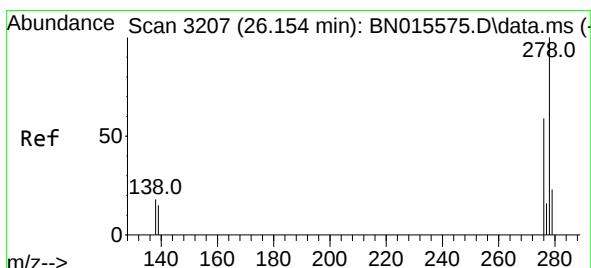
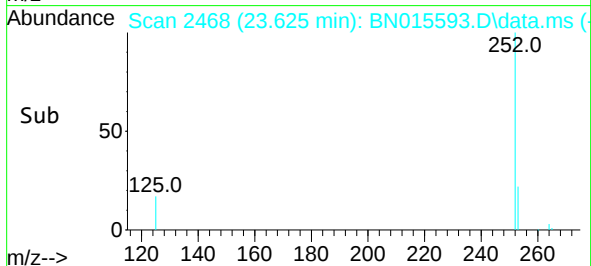
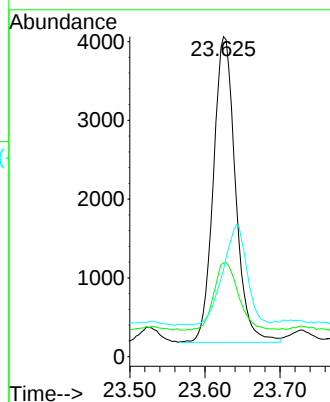
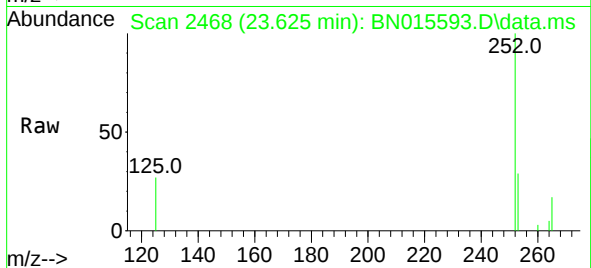
Tgt Ion:252	Resp:	7934
Ion Ratio	Lower	Upper
252	100	
253	29.3	19.4 29.2#
125	27.3	7.4 11.2#

Instrument :

BNA_N

ClientSampleId :

MW-11B-070621



#40

Dibenzo(a,h)anthracene

Concen: 0.053 ng

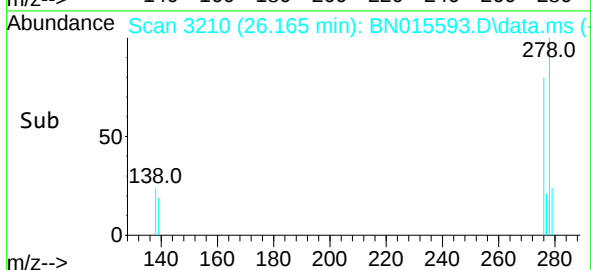
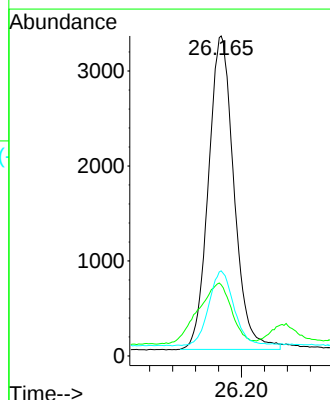
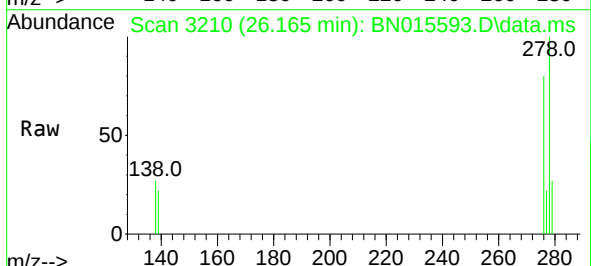
RT: 26.165 min Scan# 3210

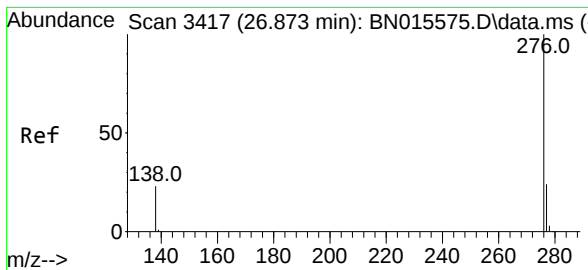
Delta R.T. 0.010 min

Lab File: BN015593.D

Acq: 16 Jul 2021 12:13

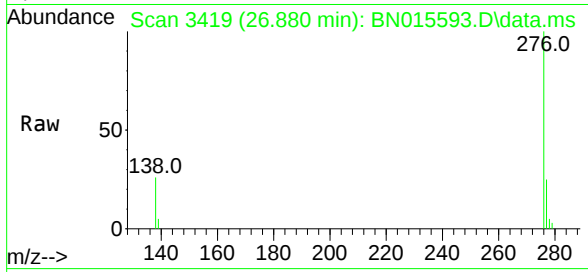
Tgt Ion:278	Resp:	10181
Ion Ratio	Lower	Upper
278	100	
139	22.3	9.0 13.4#
279	26.6	21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.053 ng
RT: 26.880 min Scan# 3419
Delta R.T. 0.007 min
Lab File: BN015593.D
Acq: 16 Jul 2021 12:13

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621



Tgt Ion: 276 Resp: 10934
Ion Ratio Lower Upper
276 100
277 25.1 19.7 29.5
138 26.3 9.8 14.6#

