

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026938.D
 Acq On : 17 Aug 2023 12:31
 Operator : MA/JU
 Sample : 04024-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230815

Quant Time: Aug 18 03:11:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

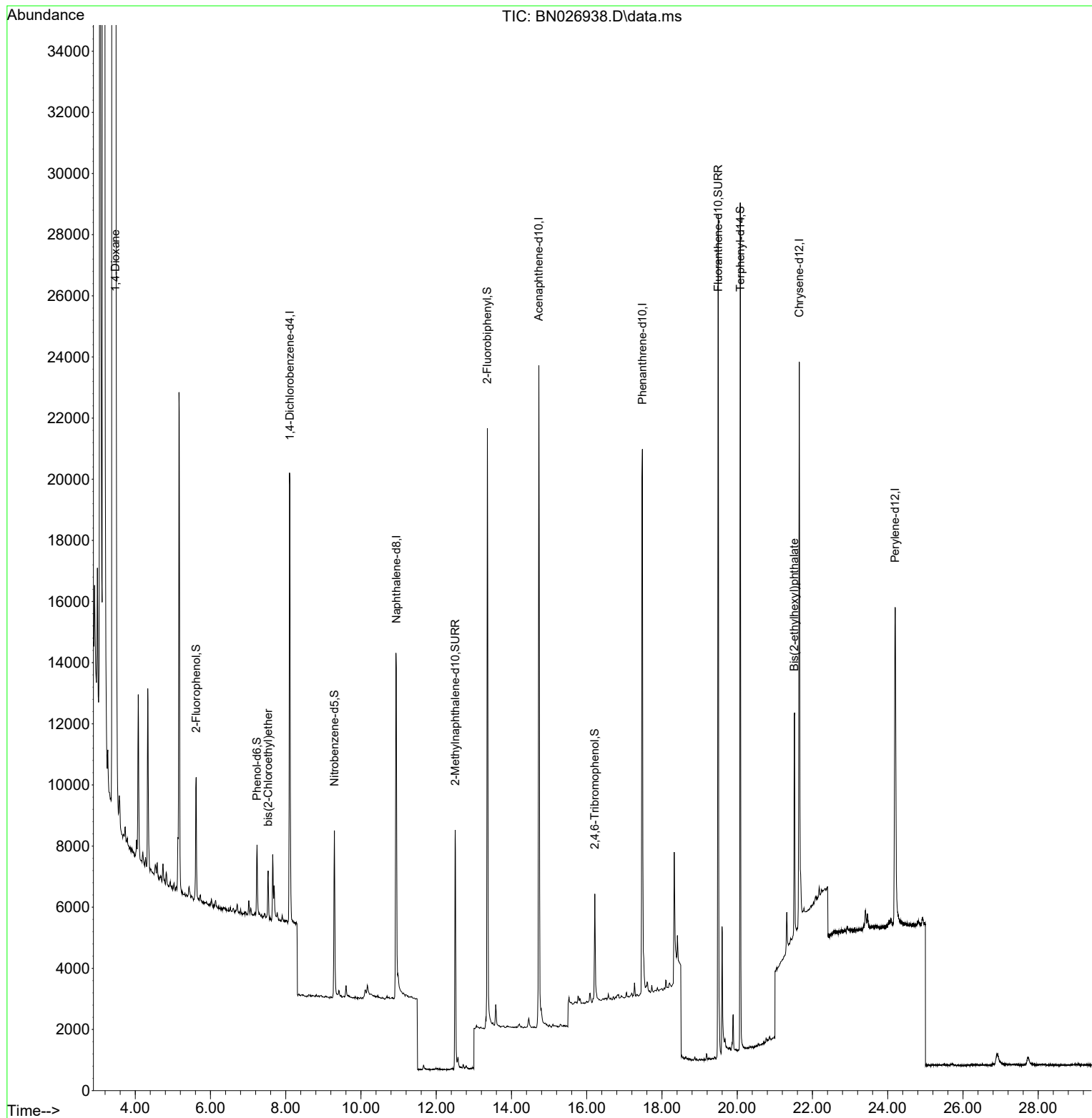
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	7540	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	18996	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	13446	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	29878	0.400	ng	0.00
29) Chrysene-d12	21.650	240	19600	0.400	ng	0.00
35) Perylene-d12	24.197	264	18088	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3408	0.160	ng	0.00
5) Phenol-d6	7.235	99	2413	0.092	ng	0.00
8) Nitrobenzene-d5	9.294	82	4764	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	11303	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	2124	0.297	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	18244	0.366	ng	0.00
27) Fluoranthene-d10	19.495	212	31040	0.405	ng	0.00
31) Terphenyl-d14	20.080	244	27650	0.675	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	58837	7.256	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.532	93	1125	0.051	ng	97
34) Bis(2-ethylhexyl)phtha...	21.515	149	8371	0.164	ng	98

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

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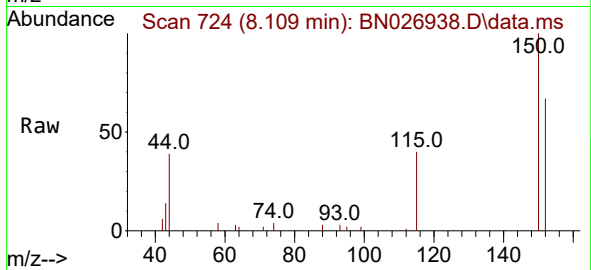
Quant Time: Aug 18 03:11:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



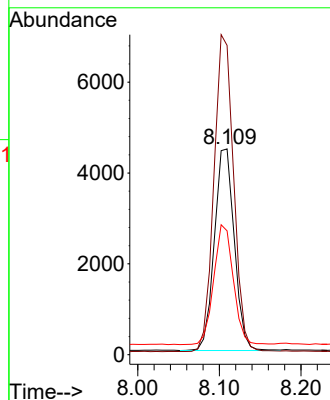
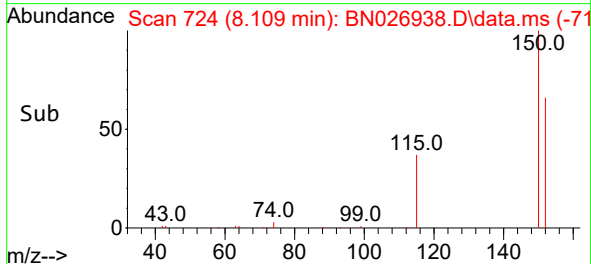


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

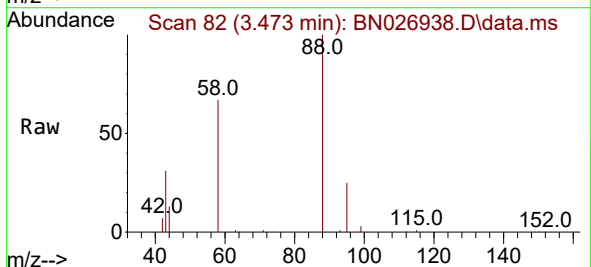
Instrument :
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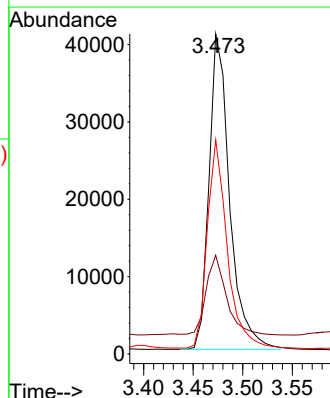
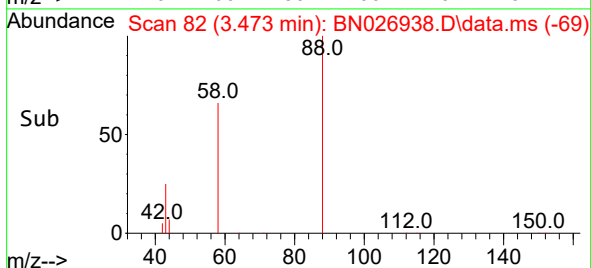
Tgt Ion:152 Resp: 7540
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 60.2 49.7 74.5



#2
1,4-Dioxane
Concen: 7.256 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.007 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31



Tgt Ion: 88 Resp: 58837
Ion Ratio Lower Upper
88 100
43 25.2 19.2 28.8
58 63.7 54.5 81.7

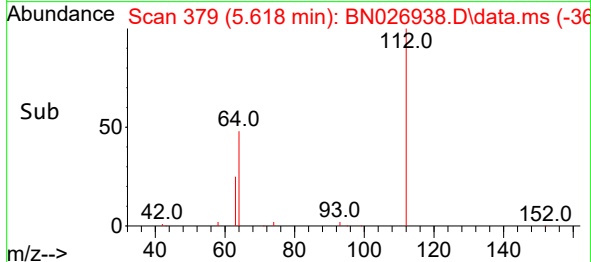
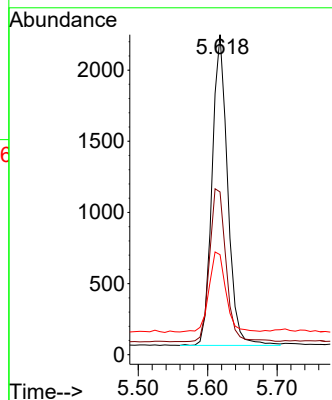
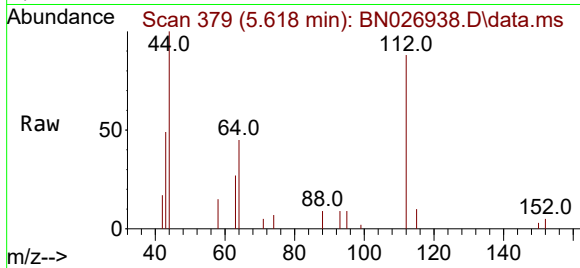




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

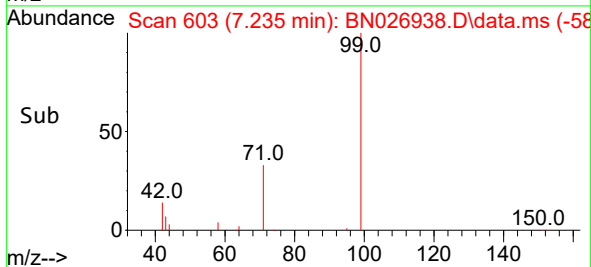
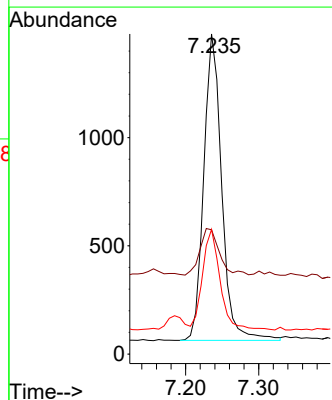
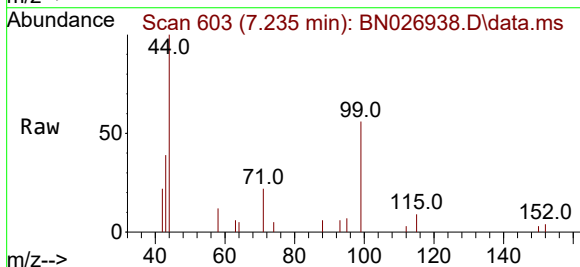
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ClientSampleId :
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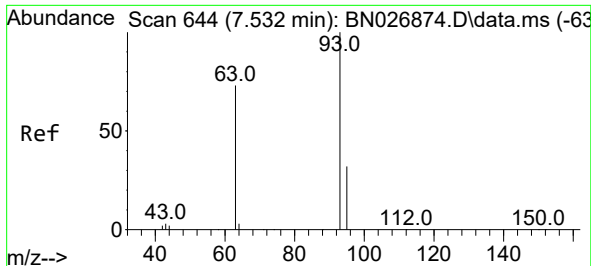
Tgt Ion:112 Resp: 3408
Ion Ratio Lower Upper
112 100
64 51.7 41.5 62.3
63 27.8 21.7 32.5



#5
Phenol-d6
Concen: 0.092 ng
RT: 7.235 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion: 99 Resp: 2413
Ion Ratio Lower Upper
99 100
42 16.3 13.6 20.4
71 32.2 26.0 39.0

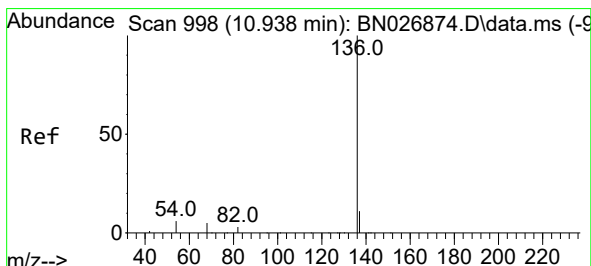
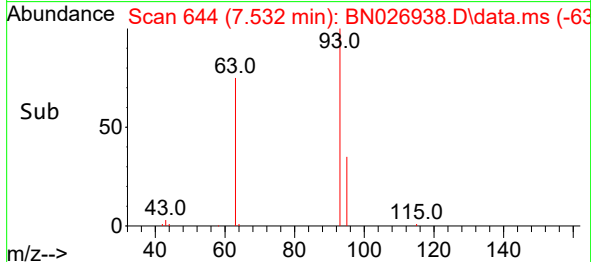
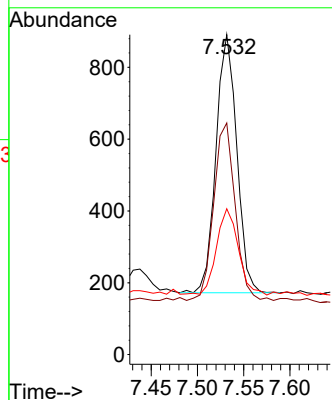
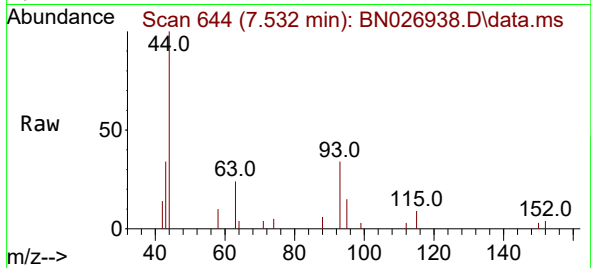




#6
bis(2-Chloroethyl)ether
Concen: 0.051 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

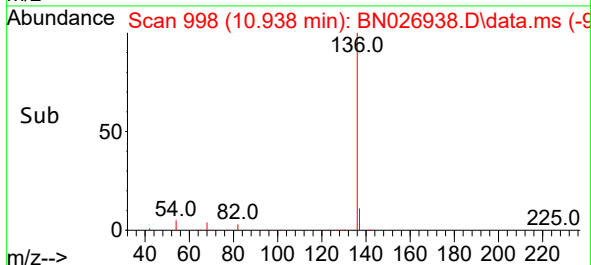
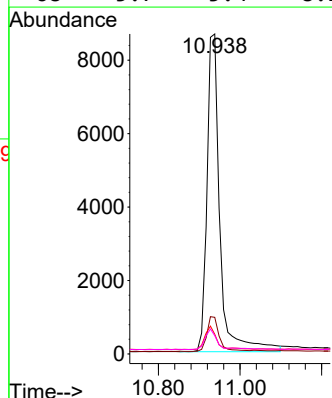
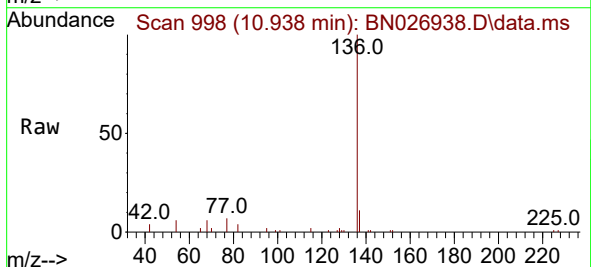
Instrument :
BNA_N
ClientSampleId :
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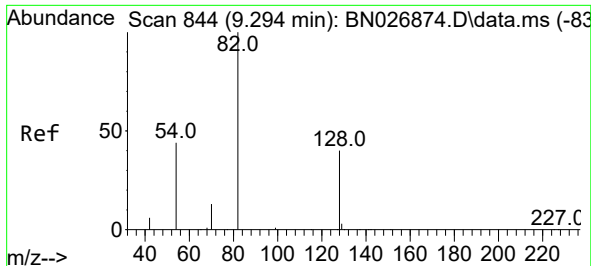
Tgt Ion: 93 Resp: 1125
Ion Ratio Lower Upper
93 100
63 70.8 55.0 82.4
95 35.1 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion: 136 Resp: 18996
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 6.2 5.5 8.3
68 5.7 5.4 8.2

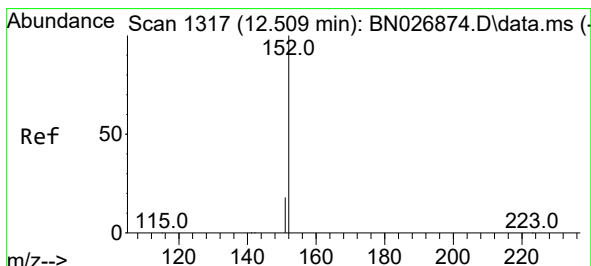
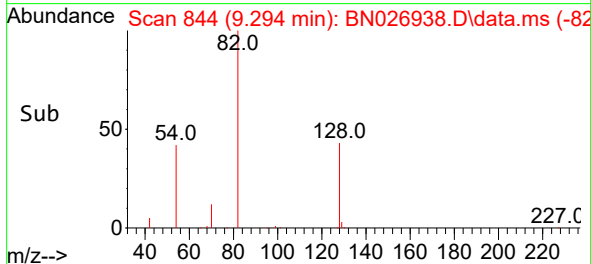
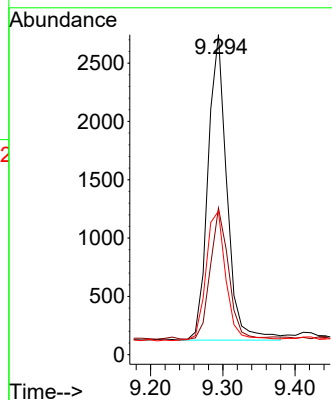
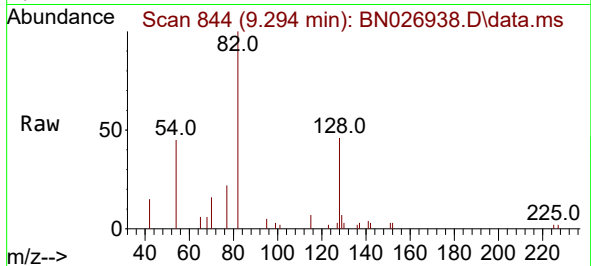




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

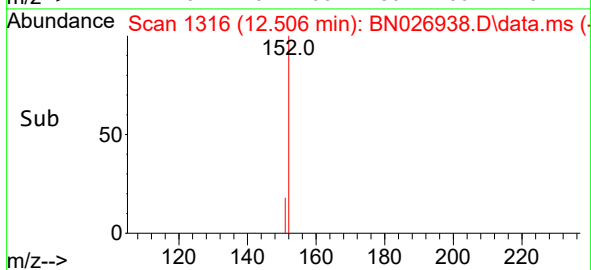
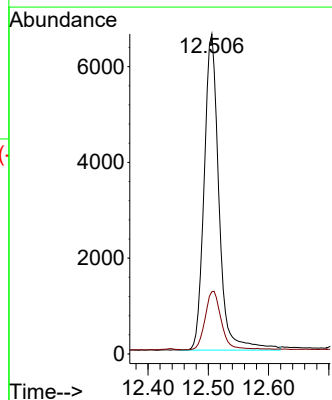
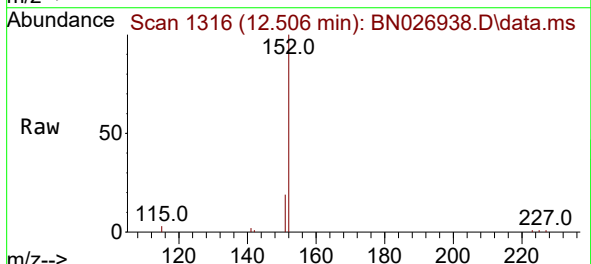
Instrument :
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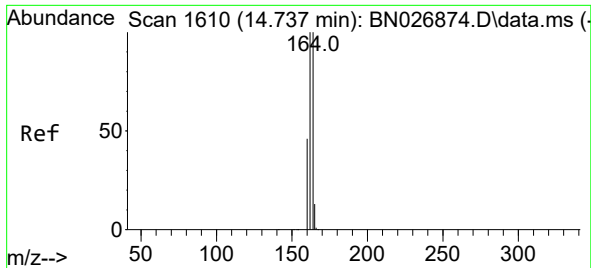
Tgt Ion:	82	Resp:	4764
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.1	51.1
54	44.9	37.0	55.4



#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion:	152	Resp:	11303
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5

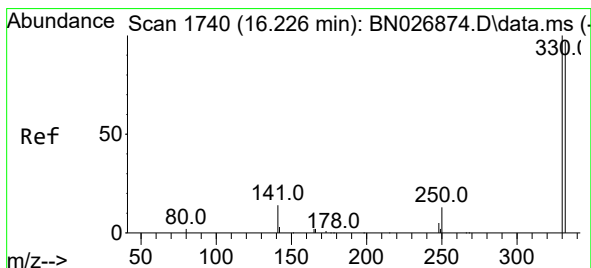
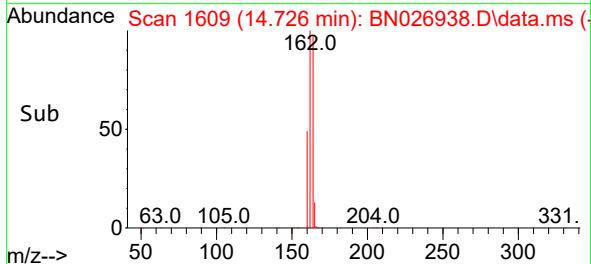
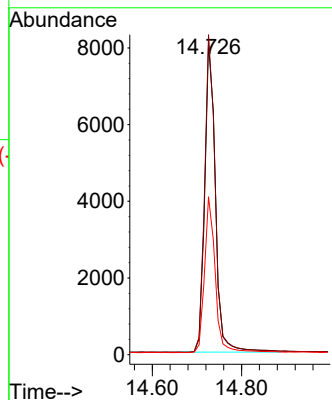
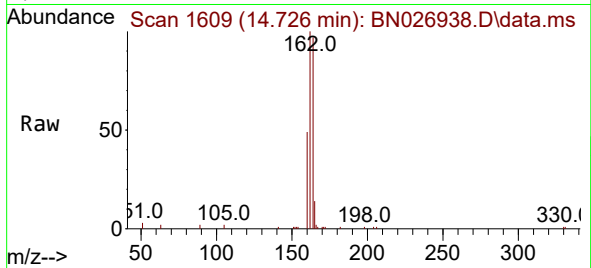




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

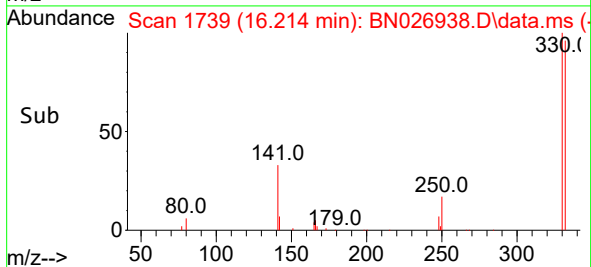
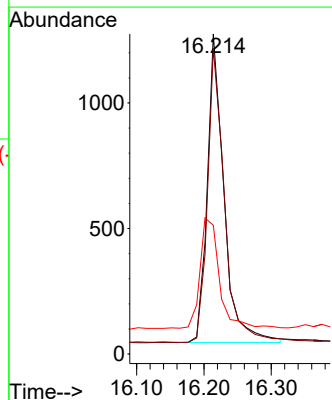
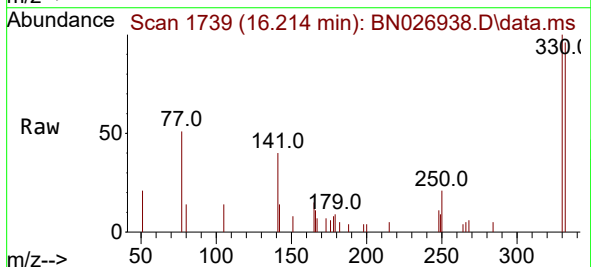
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BNA_N
ClientSampleId :
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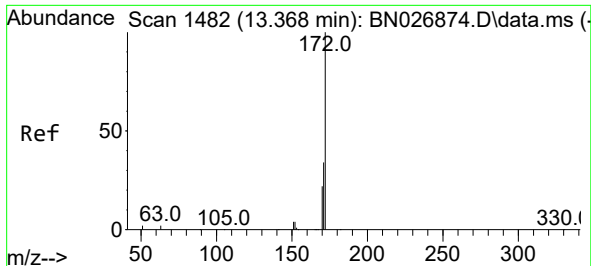
Tgt Ion:164 Resp: 13446
Ion Ratio Lower Upper
164 100
162 102.8 79.7 119.5
160 50.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion:330 Resp: 2124
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 41.4 32.3 48.5

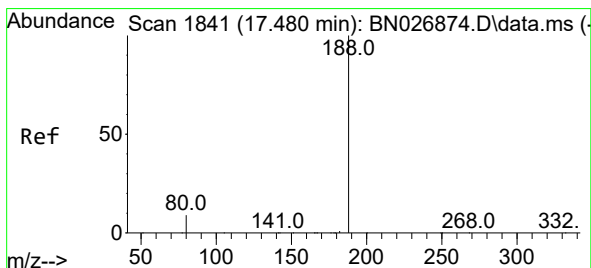
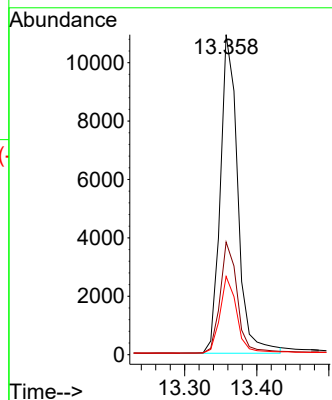
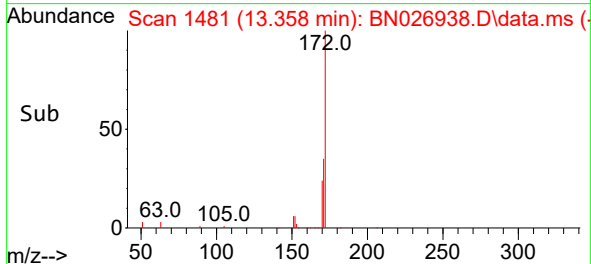
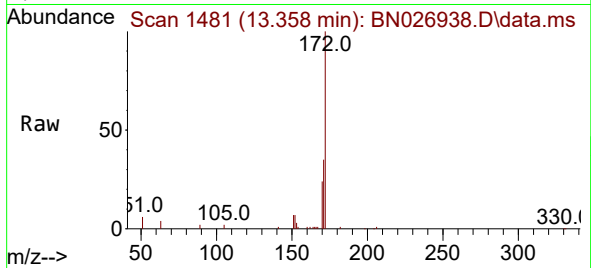




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.358 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

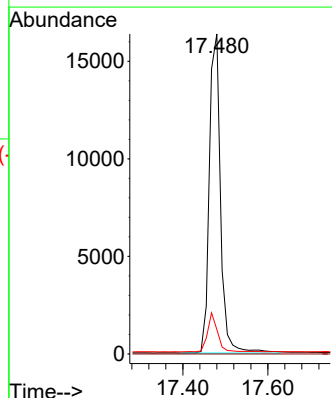
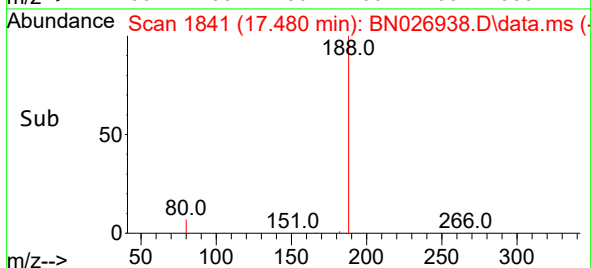
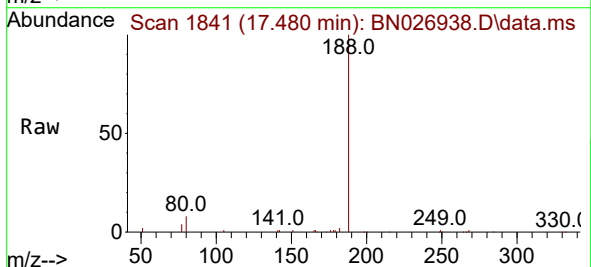
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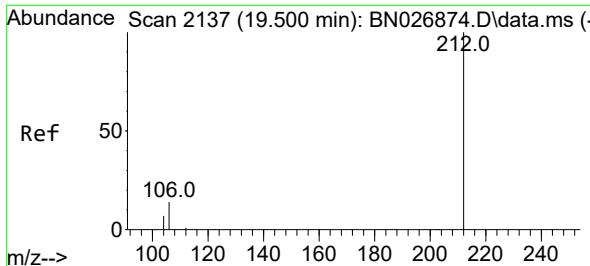
Tgt Ion:172 Resp: 18244
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.4 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion:188 Resp: 29878
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.4 11.2

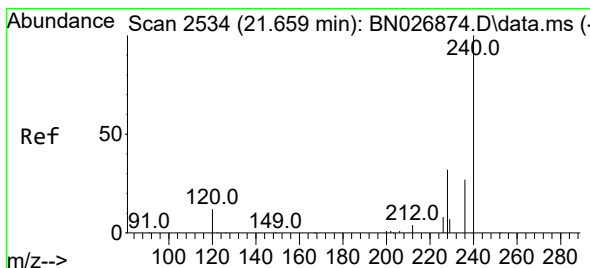
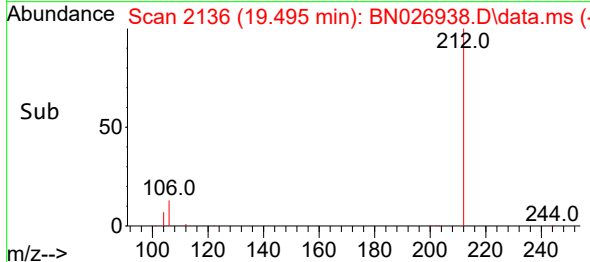
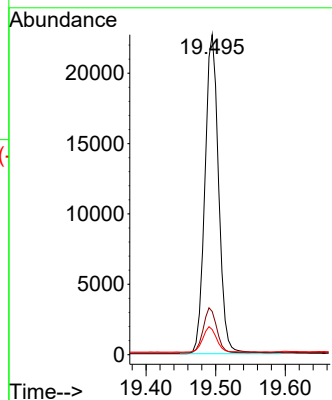
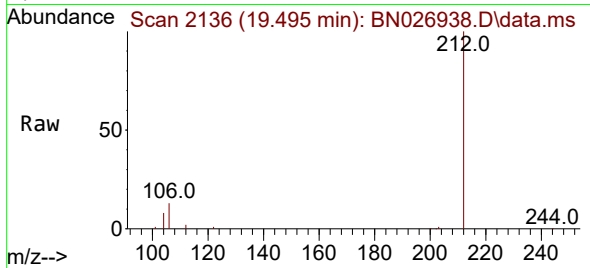




#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

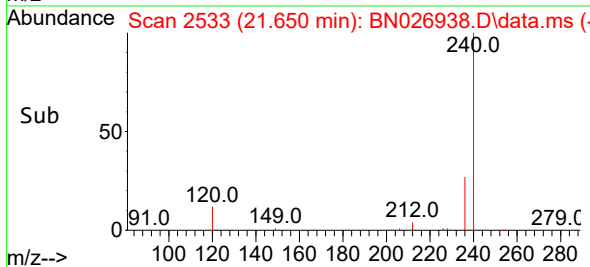
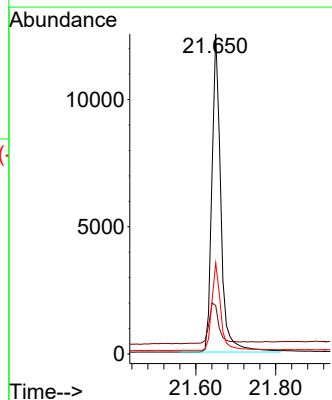
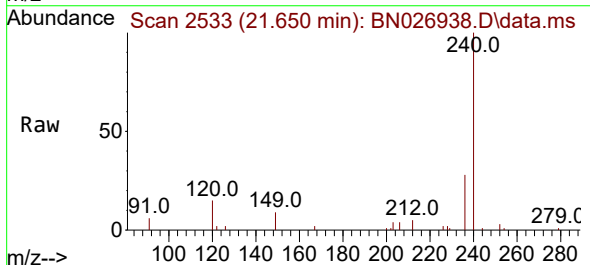
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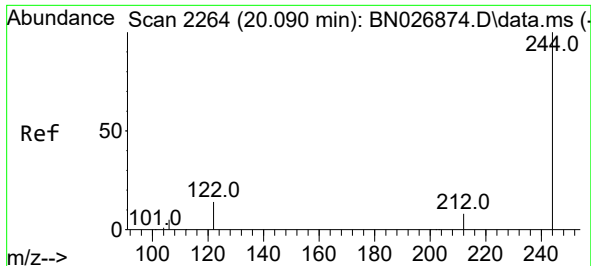
Tgt Ion:212 Resp: 31040
Ion Ratio Lower Upper
212 100
106 14.1 10.9 16.3
104 7.9 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026938.D
Acq: 17 Aug 2023 12:31

Tgt Ion:240 Resp: 19600
Ion Ratio Lower Upper
240 100
120 15.1 11.1 16.7
236 28.4 22.2 33.2

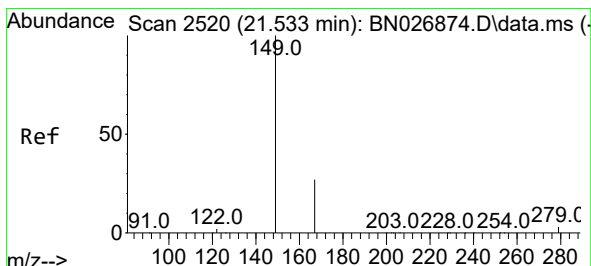
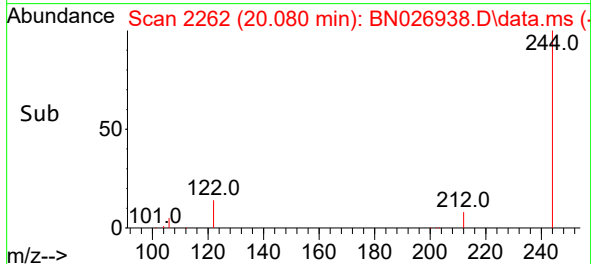
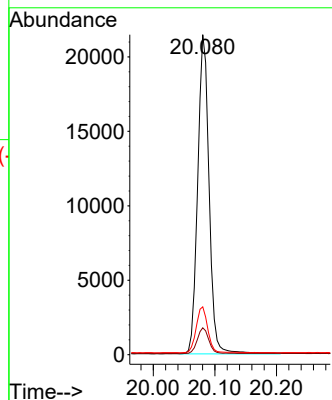
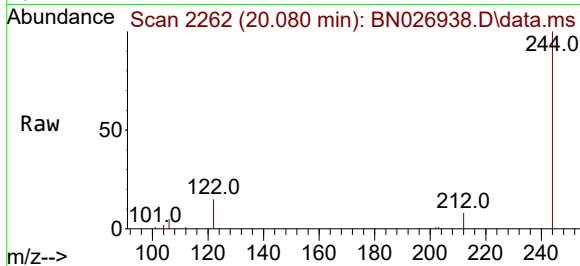




#31
 Terphenyl-d14
 Concen: 0.675 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026938.D
 Acq: 17 Aug 2023 12:31

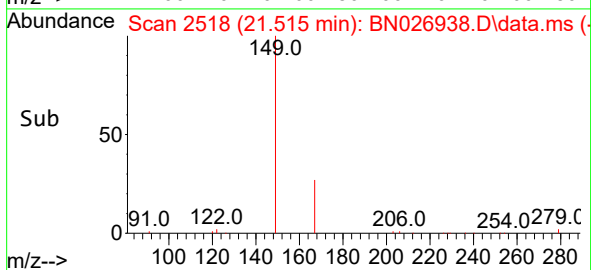
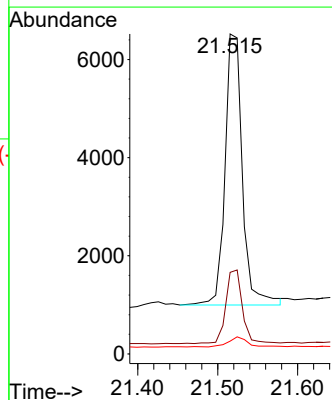
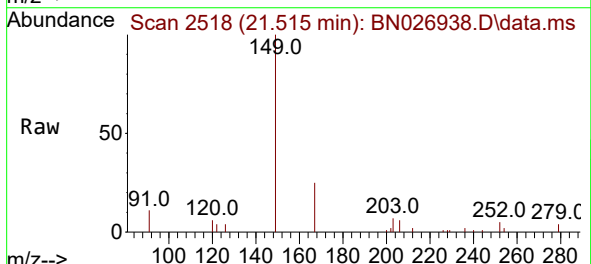
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 ClientSampleId :
 RE115D2-20230815

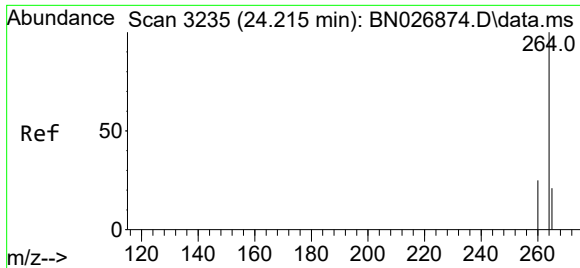
Tgt Ion:244 Resp: 27650
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 15.0 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.515 min Scan# 2518
 Delta R.T. -0.009 min
 Lab File: BN026938.D
 Acq: 17 Aug 2023 12:31

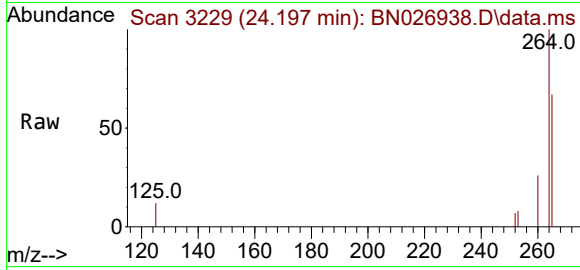
Tgt Ion:149 Resp: 8371
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.0
 279 4.1 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN026938.D
 Acq: 17 Aug 2023 12:31

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230815



Tgt Ion:264 Resp: 18088
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 67.4 27.0 40.6#

