

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144423.D
 Acq On : 03 Dec 2025 17:04
 Operator : RC/JU
 Sample : Q3750-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Quant Time: Dec 03 17:24:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

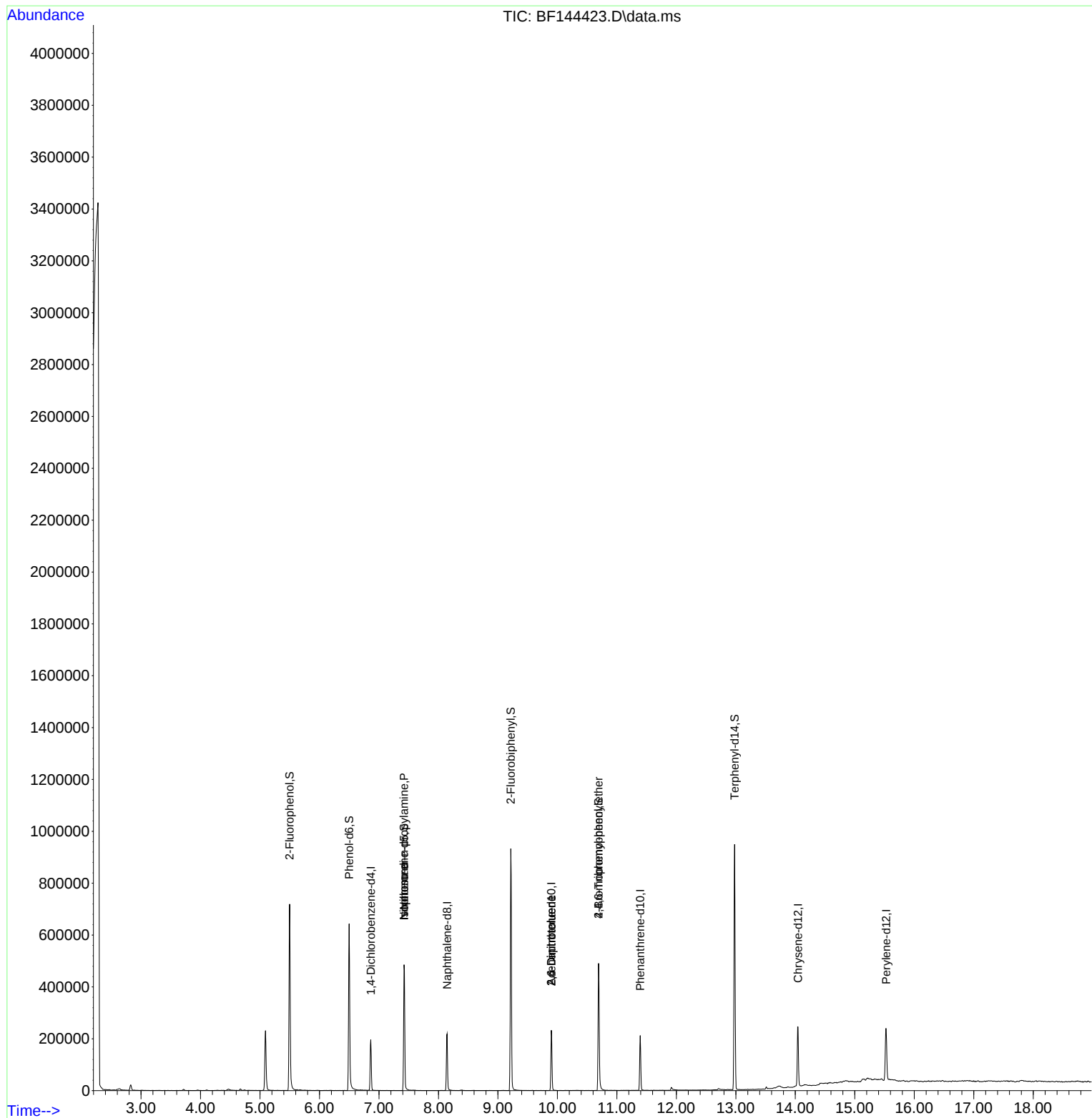
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	42424	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	153999	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	74853	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	122046	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125245	20.000	ng	0.00
86) Perylene-d12	15.527	264	139515	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	295269	108.914	ng	0.00
7) Phenol-d6	6.498	99	305836	99.563	ng	0.00
23) Nitrobenzene-d5	7.422	82	216123	81.054	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	114049	121.417	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	456308	90.035	ng	-0.01
79) Terphenyl-d14	12.980	244	511162	64.828	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	32430	16.037	ng	# 75
25) Isophorone	7.422	82	216147	42.856	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	9982	9.944	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	9982	7.428	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	6186	3.971	ng	# 1

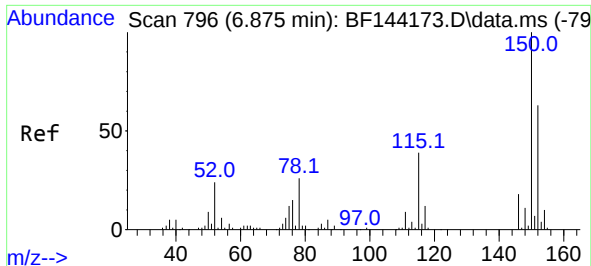
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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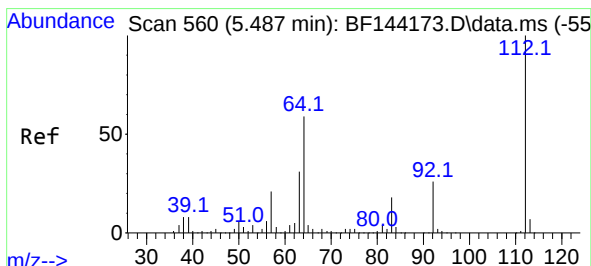
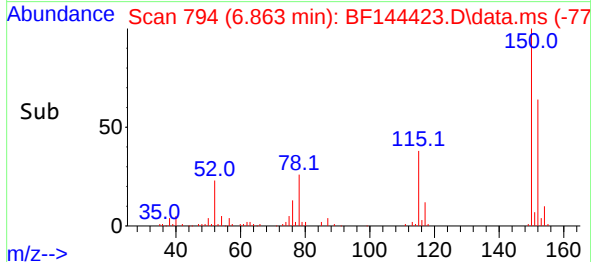
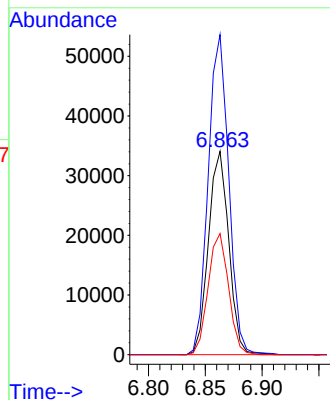
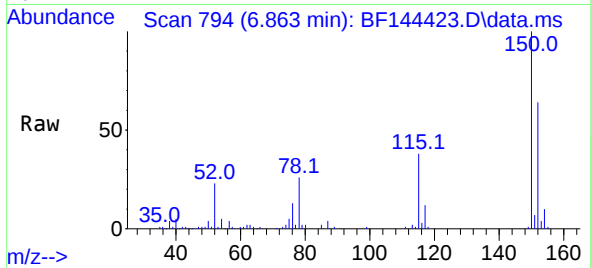




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

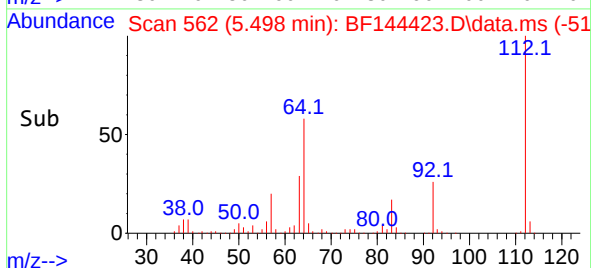
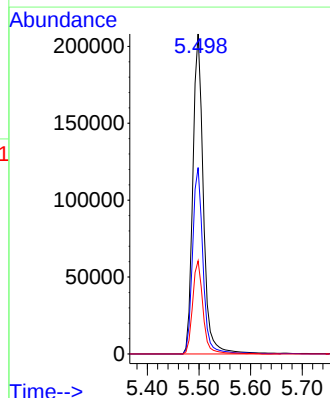
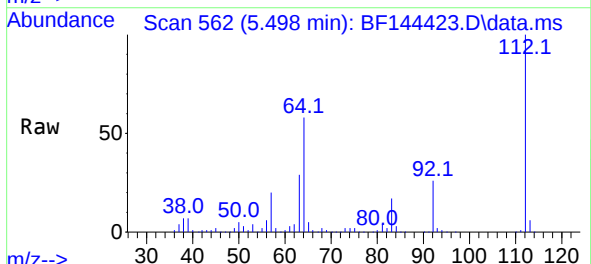
Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Tgt Ion:152 Resp: 42424
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.0
 115 59.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 108.914 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Tgt Ion:112 Resp: 295269
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.2 70.8
 63 29.1 24.4 36.6

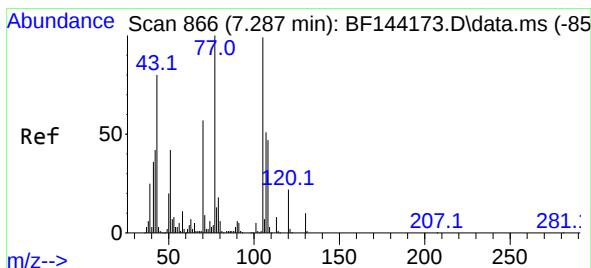
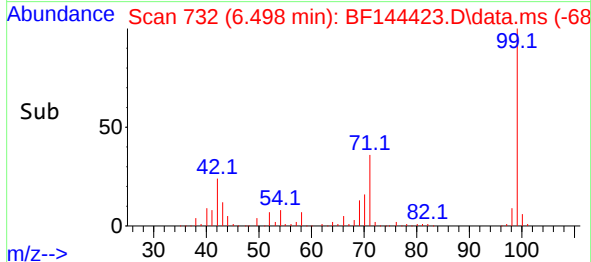
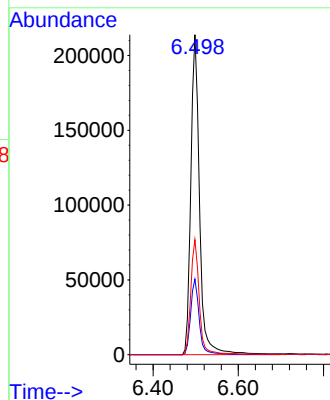
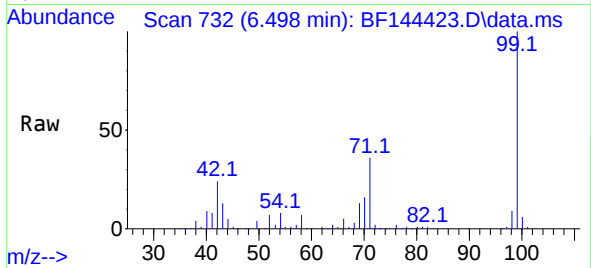




#7
Phenol-d6
Concen: 99.563 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

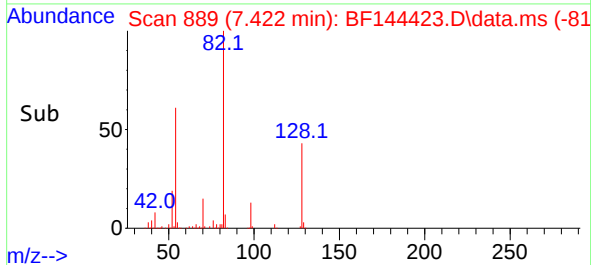
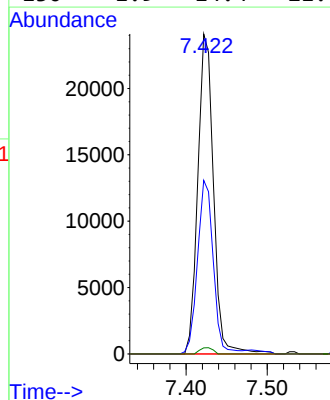
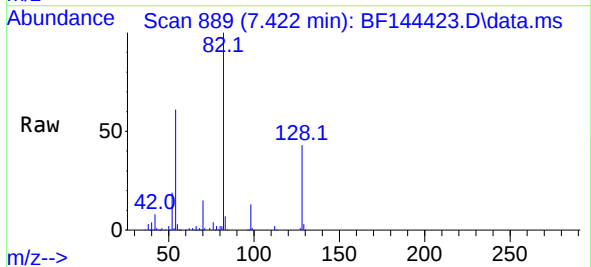
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion: 99 Resp: 305836
Ion Ratio Lower Upper
99 100
42 23.6 20.9 31.3
71 36.0 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.037 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion: 70 Resp: 32430
Ion Ratio Lower Upper
70 100
42 54.2 58.3 87.5#
101 0.0 7.0 10.6#
130 1.9 14.4 21.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

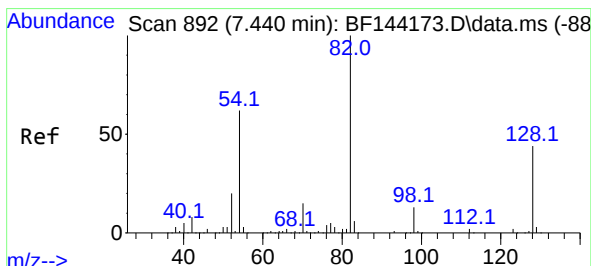
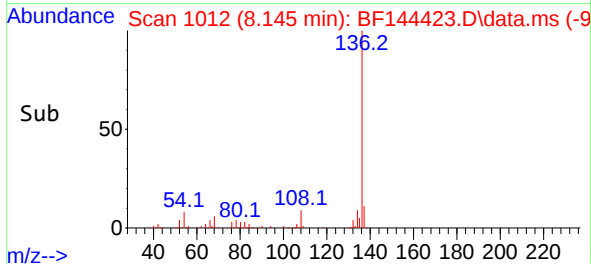
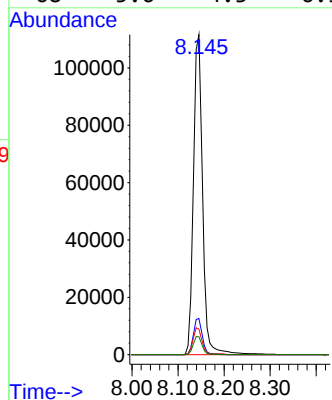
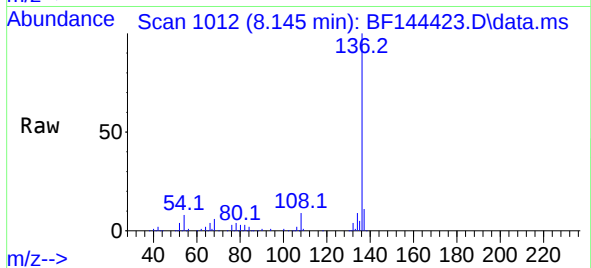
Instrument :

BNA_F

ClientSampleId :

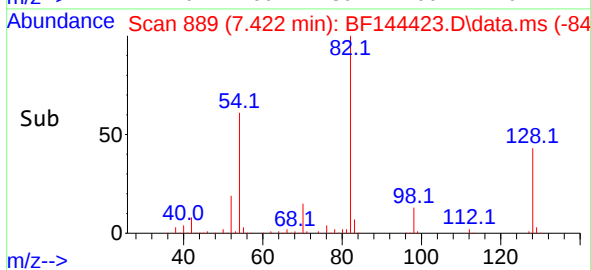
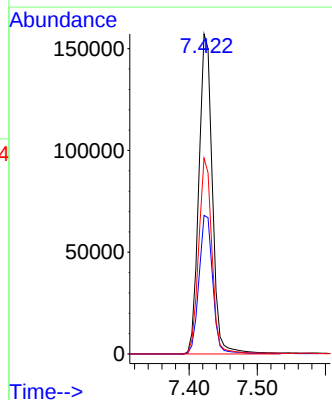
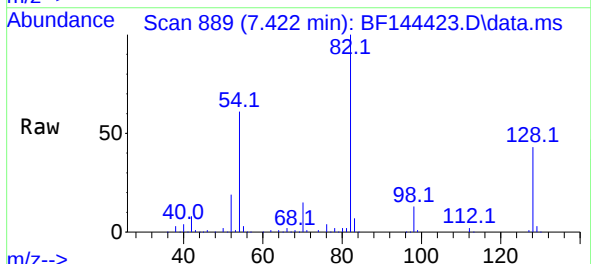
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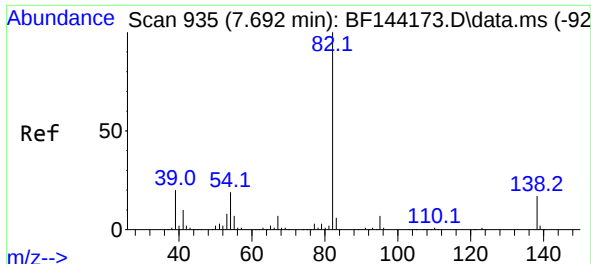
Tgt Ion:136 Resp: 153999
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.0 7.0 10.6
68 5.6 4.3 6.5



#23
Nitrobenzene-d5
Concen: 81.054 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion: 82 Resp: 216123
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 61.2 49.5 74.3

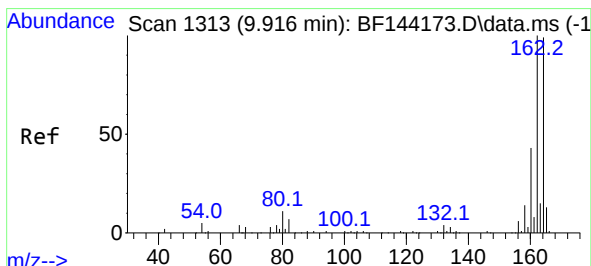
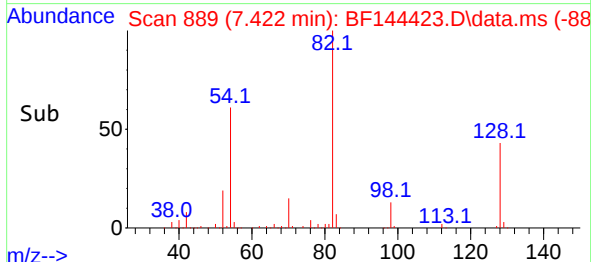
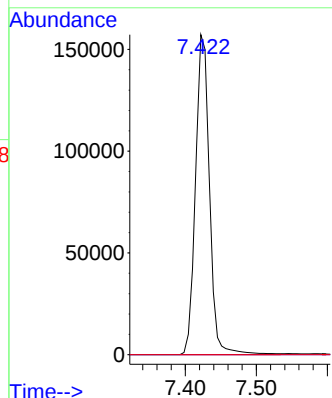
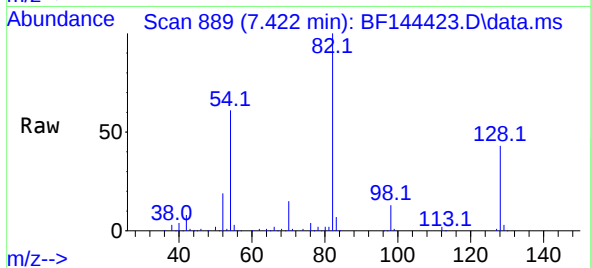




#25
Isophorone
Concen: 42.856 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

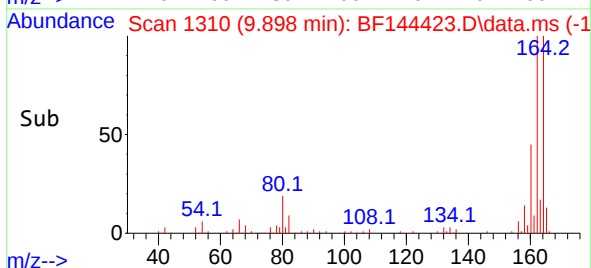
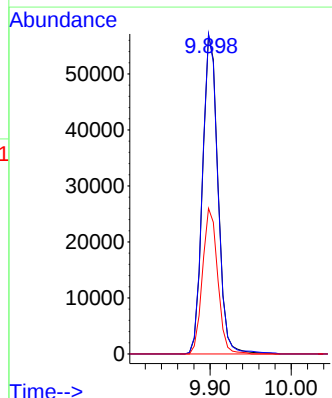
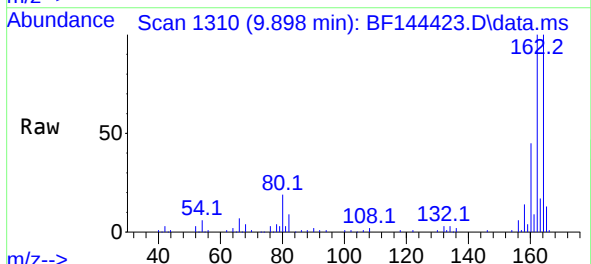
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BNA_F
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FENCE WC-2

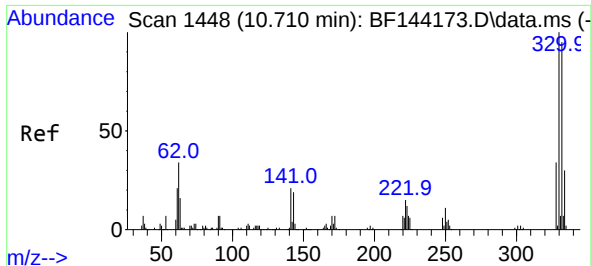
Tgt Ion: 82 Resp: 216147
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

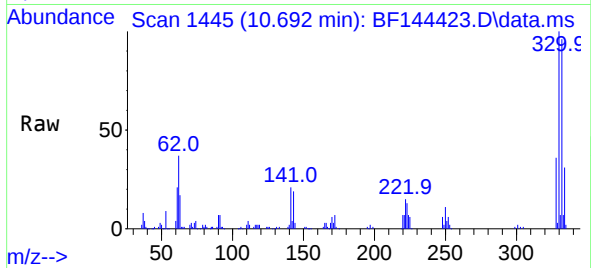
Tgt Ion:164 Resp: 74853
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 45.6 34.5 51.7



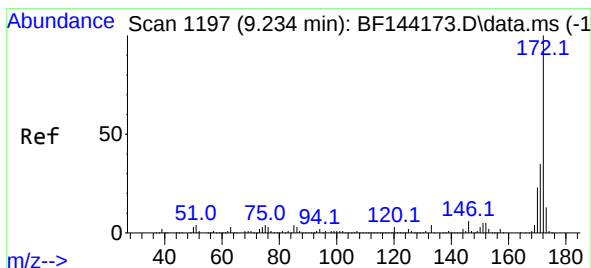
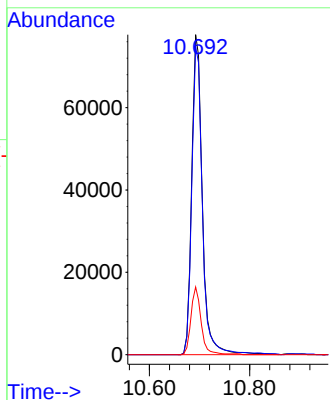
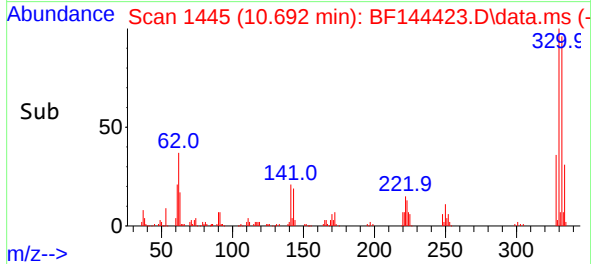


#42
2,4,6-Tribromophenol
Concen: 121.417 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

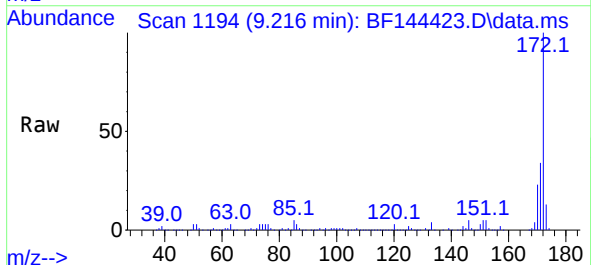
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ClientSampleId :
FENCE WC-2



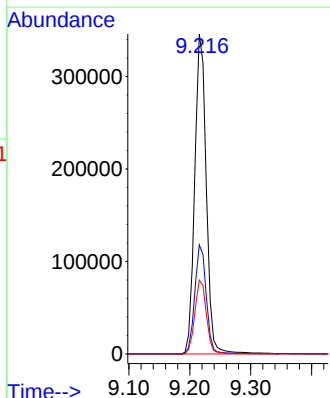
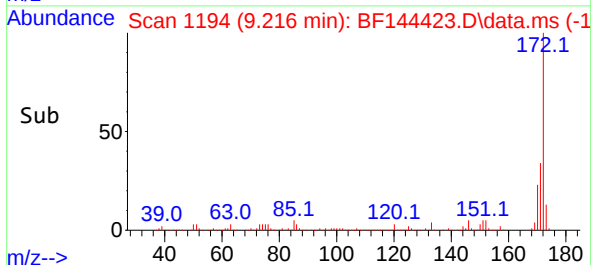
Tgt Ion:330 Resp: 114049
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 20.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 90.035 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04



Tgt Ion:172 Resp: 456308
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.1 18.6 28.0

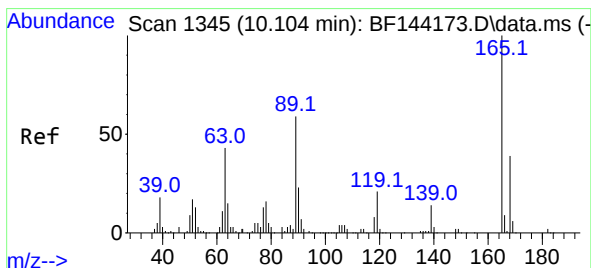
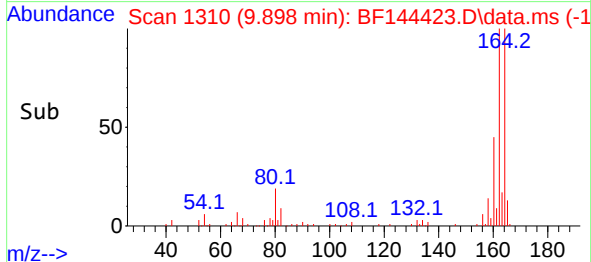
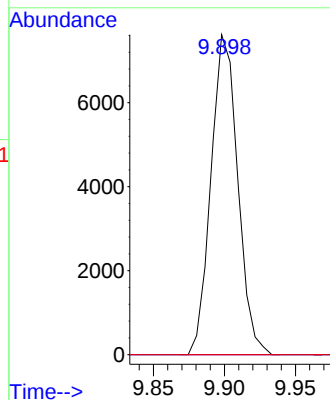
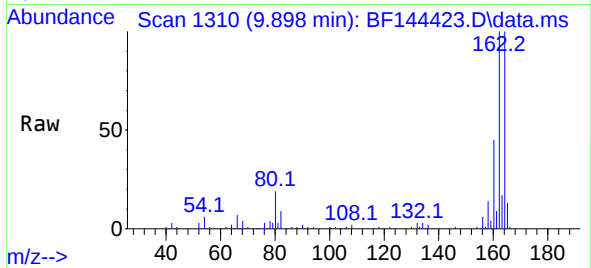




#51
2,6-Dinitrotoluene
Concen: 9.944 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

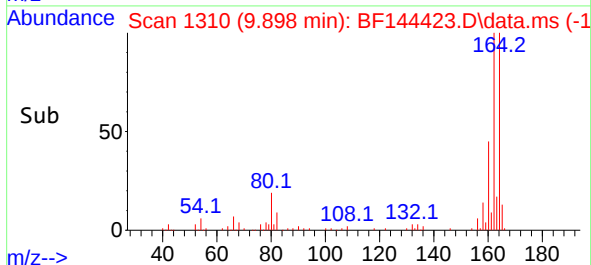
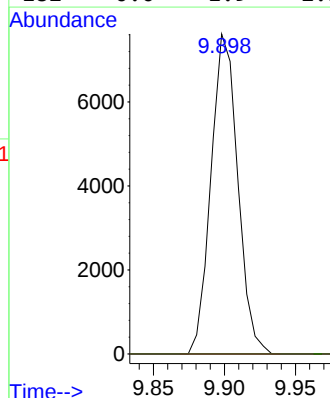
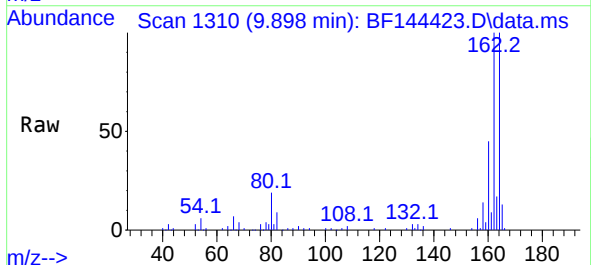
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BNA_F
ClientSampleId :
FENCE WC-2

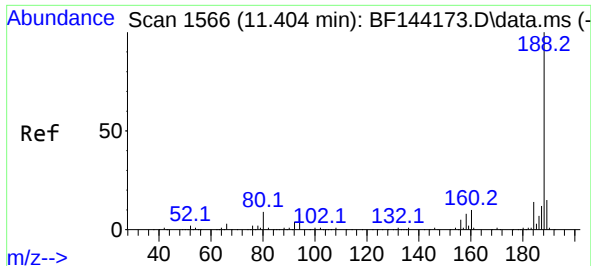
Tgt Ion:165 Resp: 9982
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.428 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion:165 Resp: 9982
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

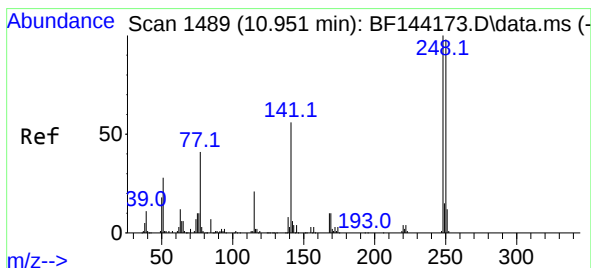
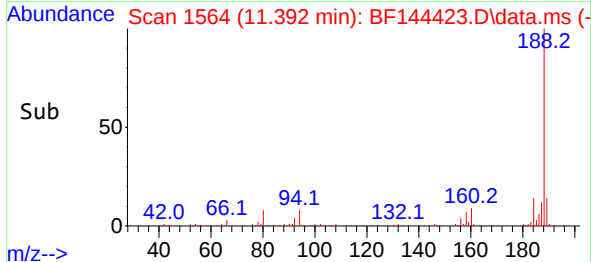
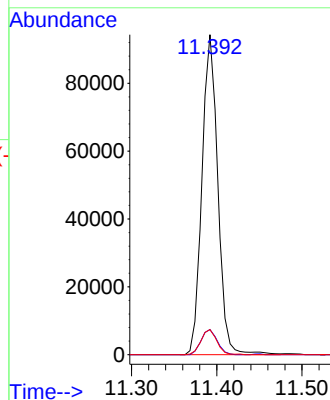
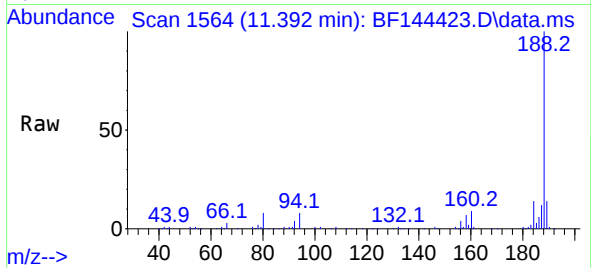




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

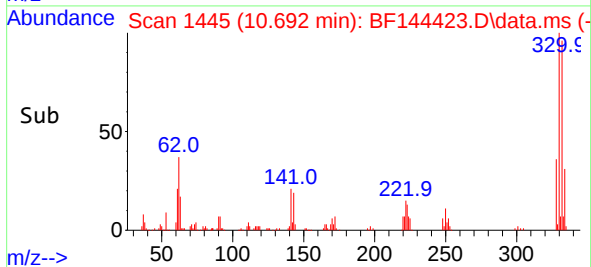
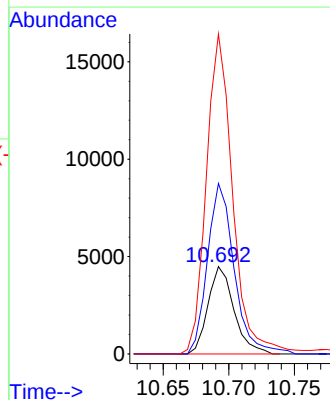
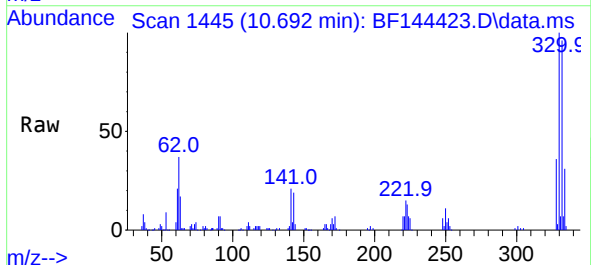
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

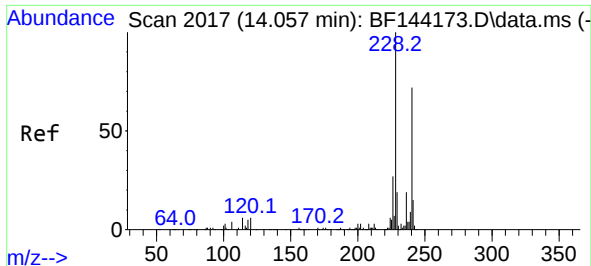
Tgt Ion:188 Resp: 122046
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.971 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion:248 Resp: 6186
Ion Ratio Lower Upper
248 100
250 195.3 78.4 117.6#
141 366.5 45.1 67.7#

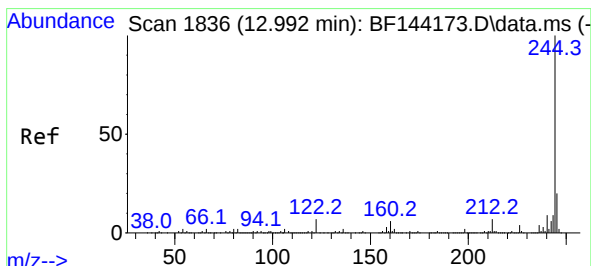
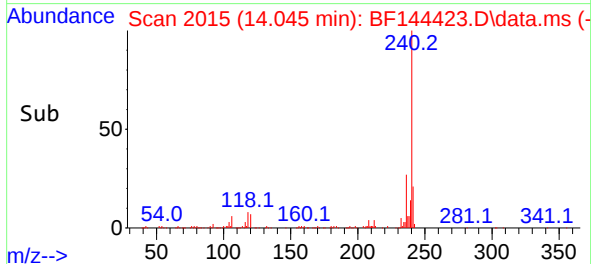
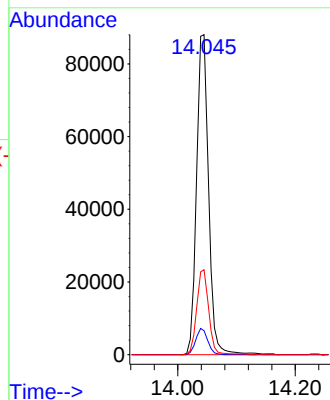
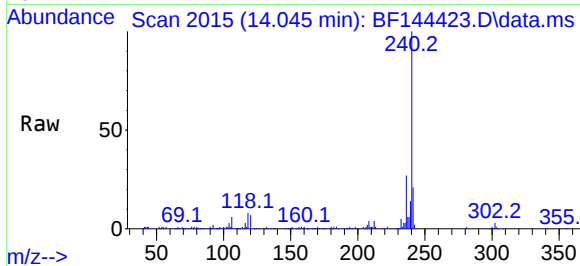




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

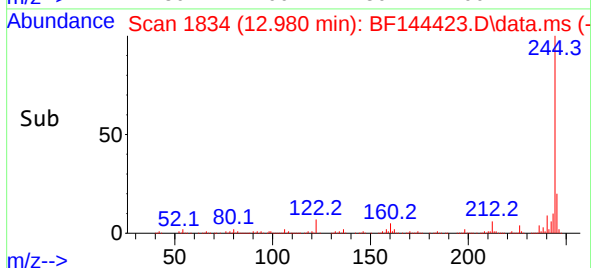
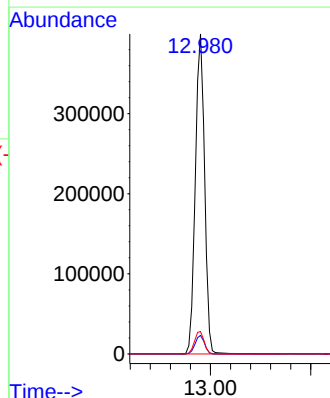
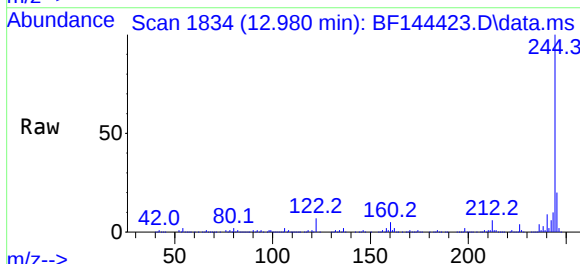
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

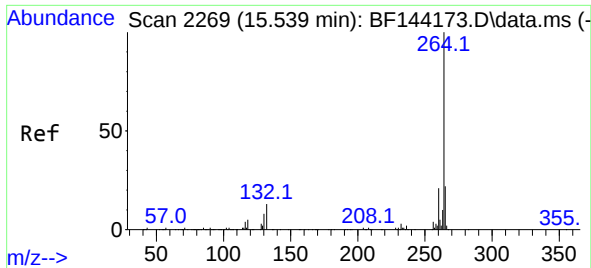
Tgt Ion:240 Resp: 125245
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 64.828 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion:244 Resp: 511162
Ion Ratio Lower Upper
244 100
212 5.8 5.3 7.9
122 7.0 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Tgt Ion:264 Resp: 139515
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.1 25.7
 265 21.9 17.4 26.0

