

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139567.D
 Acq On : 27 Sep 2024 01:14
 Operator : RC/JU
 Sample : P4198-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-WC-1

Quant Time: Sep 27 02:18:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

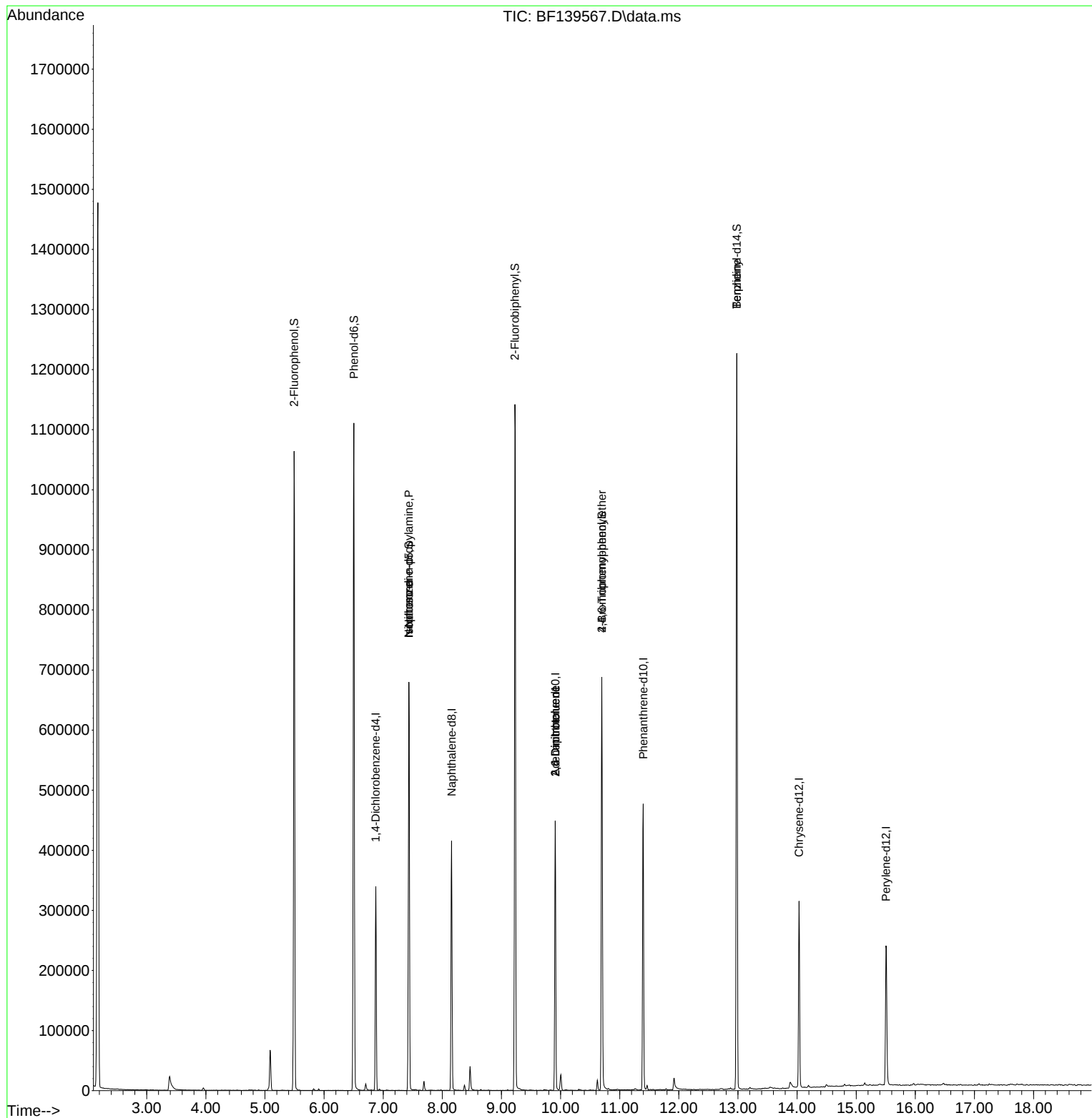
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	64936	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	243878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	131428	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	256777	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	147707	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	145098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	353465	88.799	ng	0.00
7) Phenol-d6	6.504	99	475825	91.072	ng	0.00
23) Nitrobenzene-d5	7.434	82	284793	54.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	103520	73.985	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	508135	54.225	ng	0.00
79) Terphenyl-d14	12.980	244	577197	64.141	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	38709	12.503	ng	# 74
25) Isophorone	7.434	82	284791	34.712	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	16041	8.394	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	16041	6.218	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	7408	2.911	ng	# 1
77) Benzydine	12.980	184	7697	3.637	ng	# 93

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

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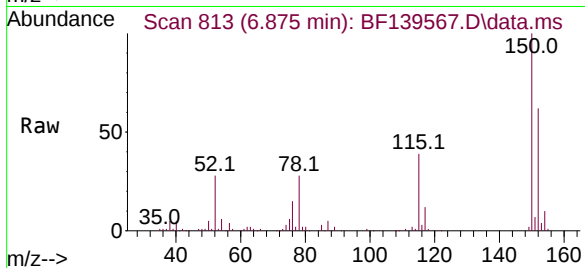
Quant Time: Sep 27 02:18:27 2024
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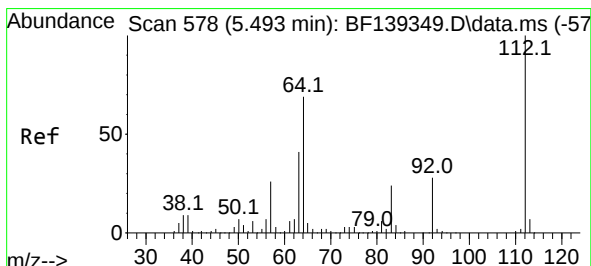
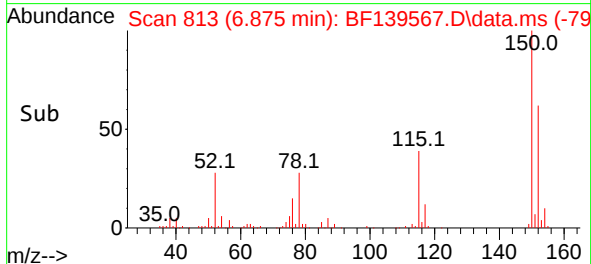
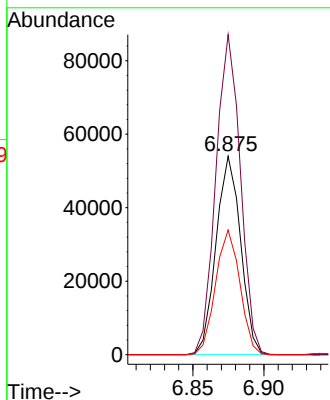


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

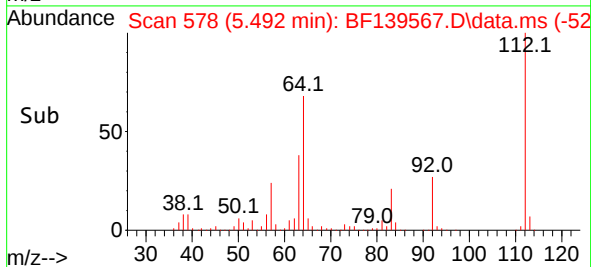
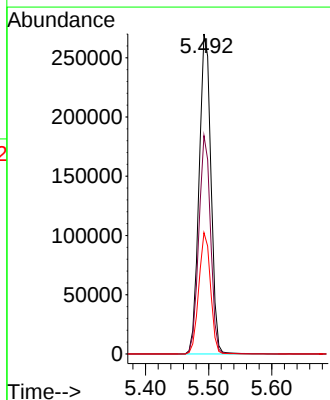
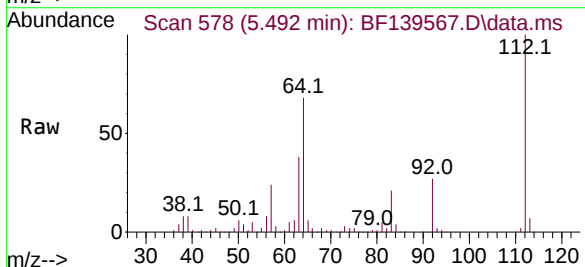


Tgt Ion:152 Resp: 64936
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 88.799 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion:112 Resp: 353465
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 37.9 33.0 49.4

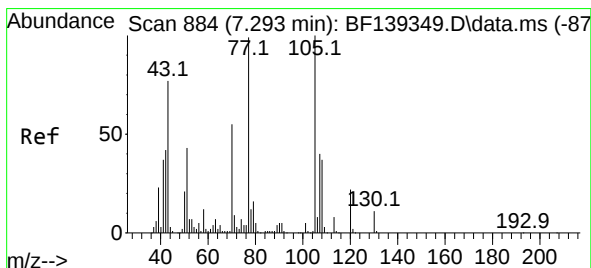
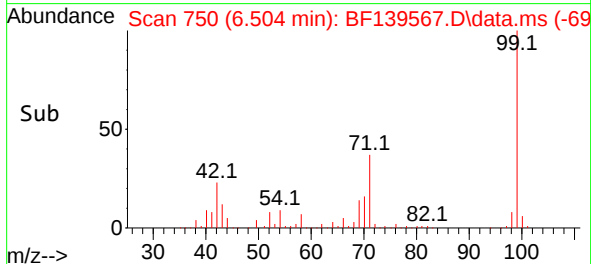
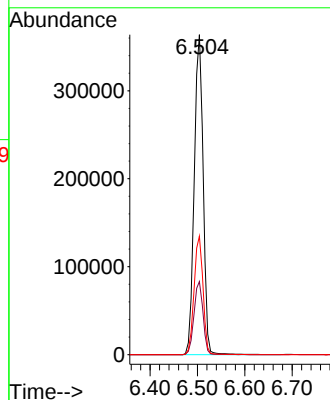
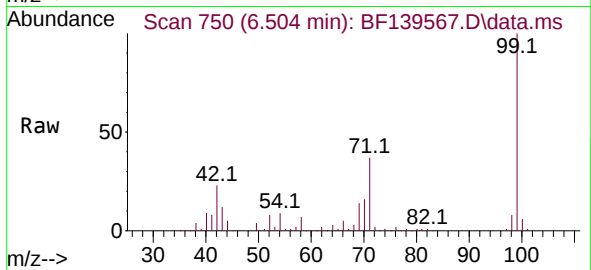




#7
Phenol-d6
Concen: 91.072 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

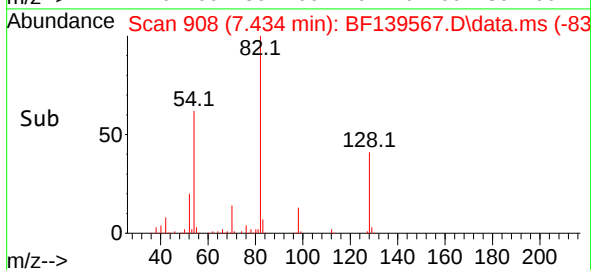
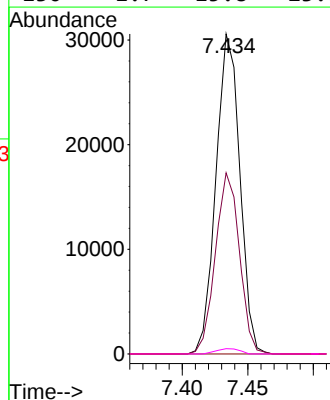
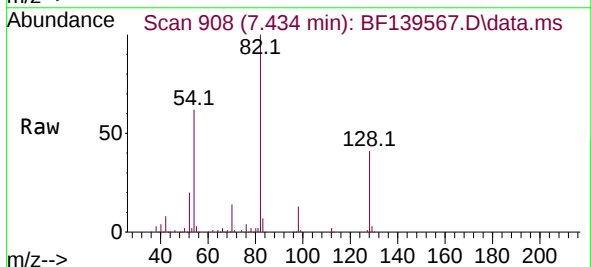
Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

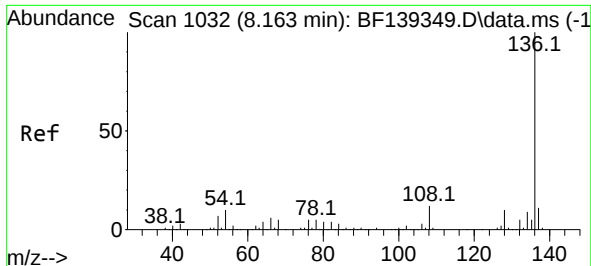
Tgt Ion: 99 Resp: 475825
Ion Ratio Lower Upper
99 100
42 22.9 21.9 32.9
71 37.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.503 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

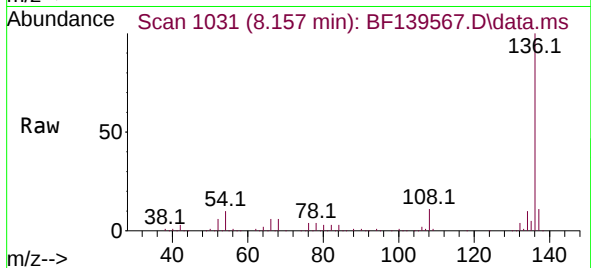
Tgt Ion: 70 Resp: 38709
Ion Ratio Lower Upper
70 100
42 56.6 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#



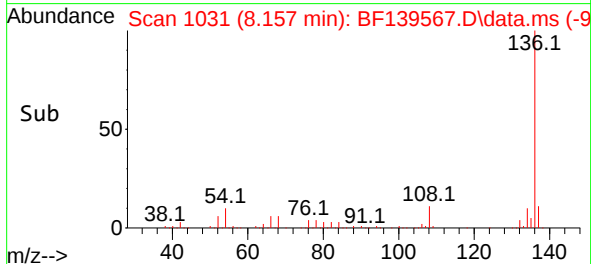
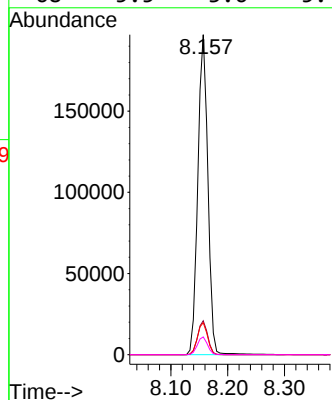


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

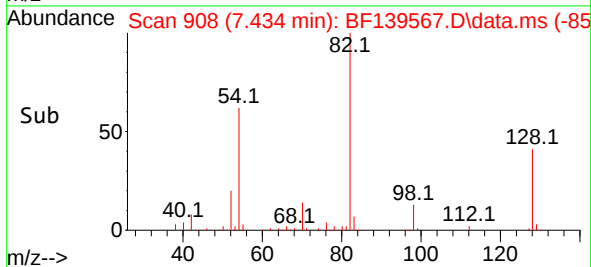
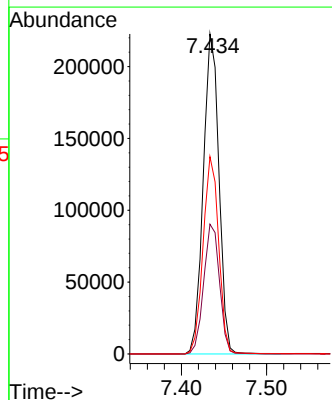
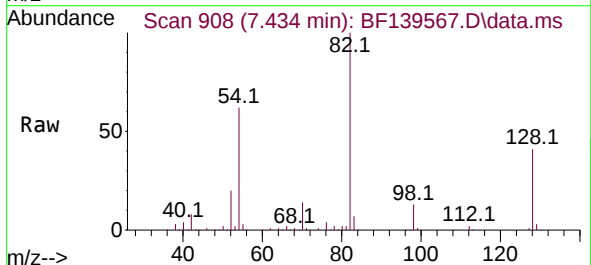


Tgt Ion:136 Resp: 243878
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 54.898 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion: 82 Resp: 284793
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 61.7 50.6 75.8

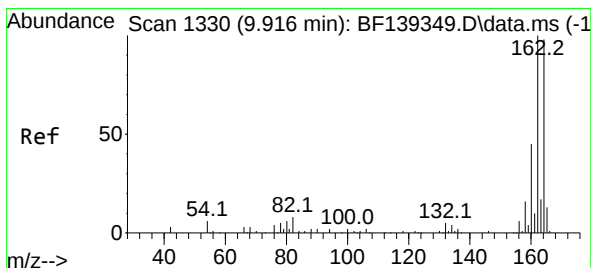
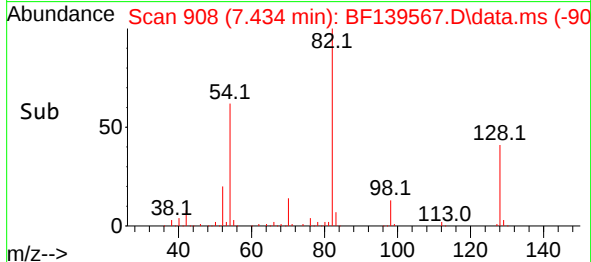
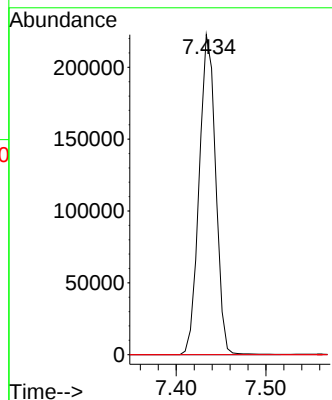
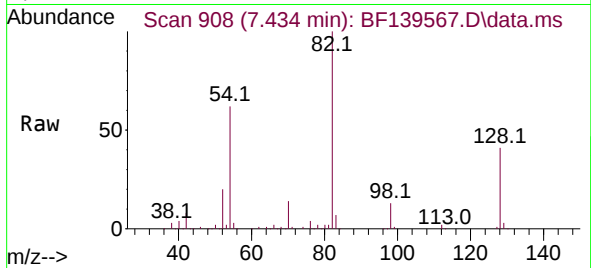




#25
Isophorone
Concen: 34.712 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

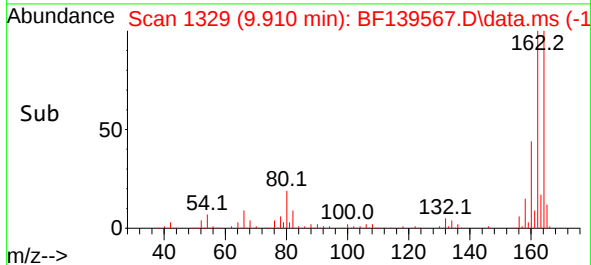
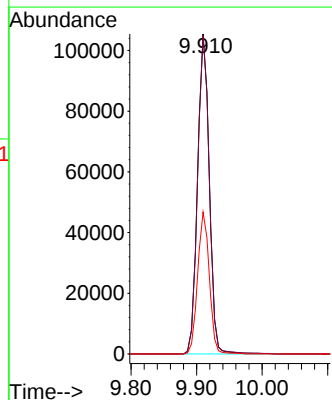
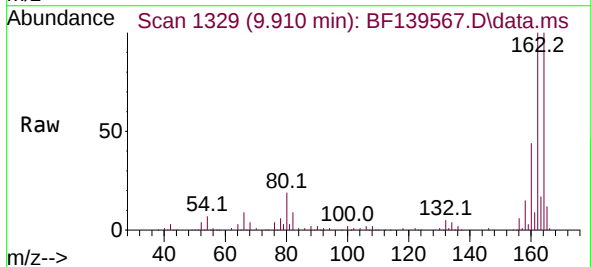
Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

Tgt Ion: 82 Resp: 284791
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion:164 Resp: 131428
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 73.985 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139567.D

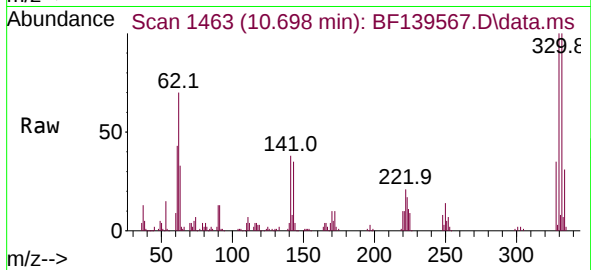
Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

ClientSampleId :

TP4-WC-1



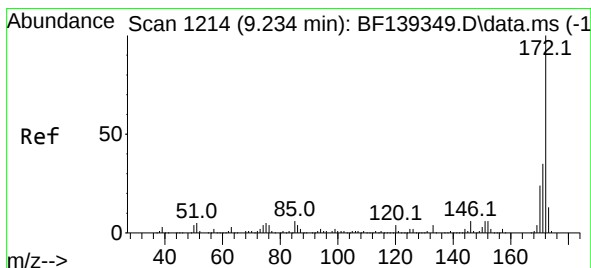
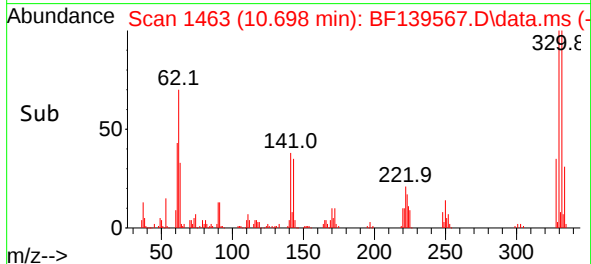
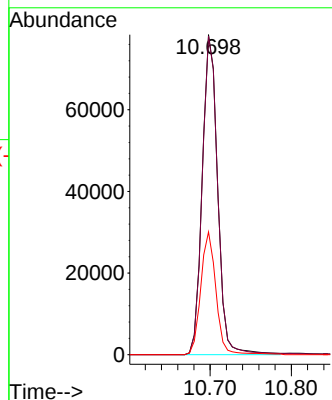
Tgt Ion:330 Resp: 103520

Ion Ratio Lower Upper

330 100

332 100.2 75.2 112.8

141 37.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 54.225 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

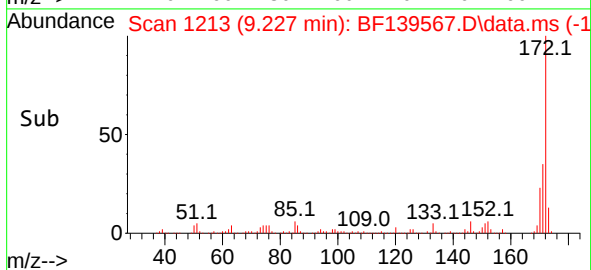
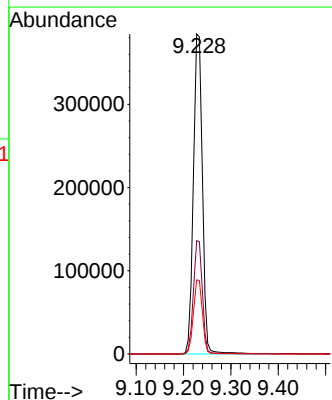
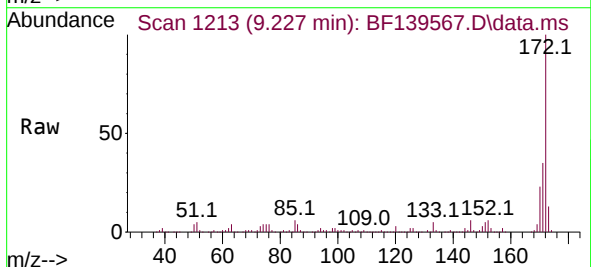
Tgt Ion:172 Resp: 508135

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.394 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

ClientSampleId :

TP4-WC-1

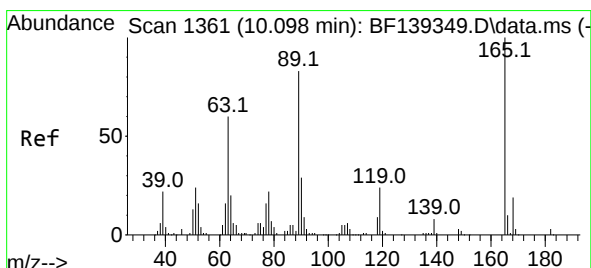
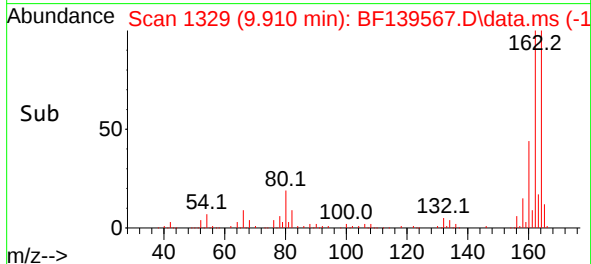
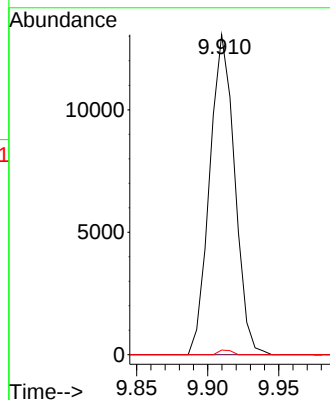
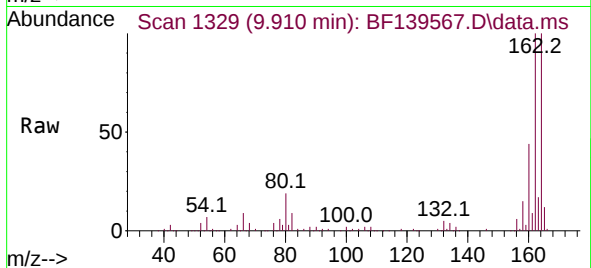
Tgt Ion:165 Resp: 16041

Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

89 1.5 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.218 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Tgt Ion:165 Resp: 16041

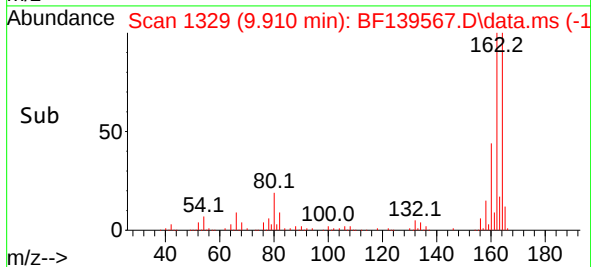
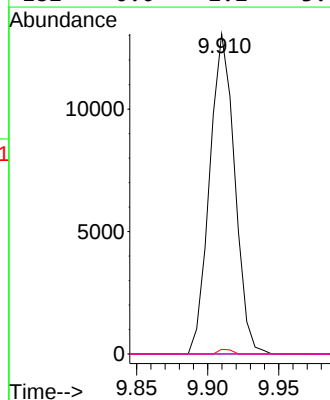
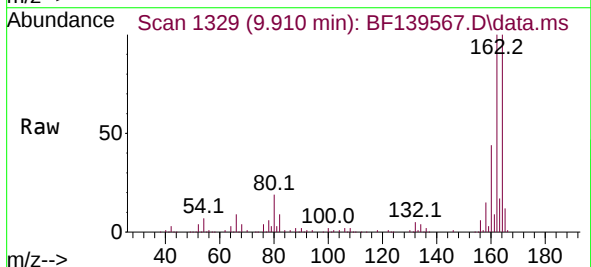
Ion Ratio Lower Upper

165 100

63 0.0 47.8 71.6#

89 1.5 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

ClientSampleId :

TP4-WC-1

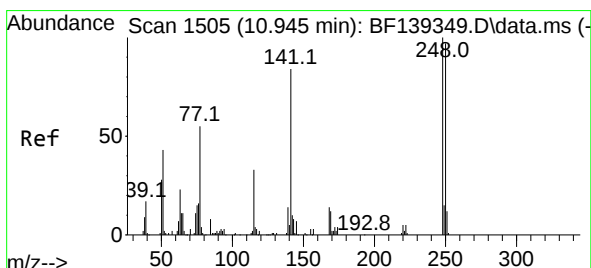
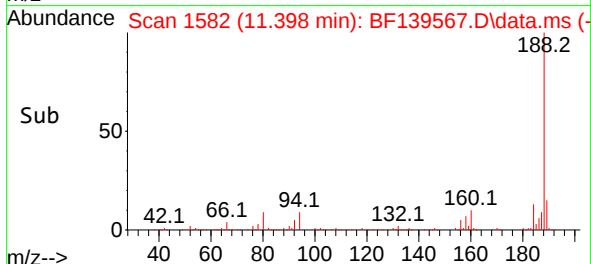
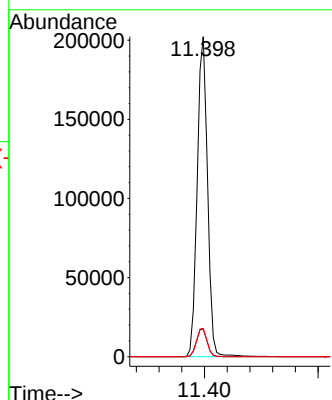
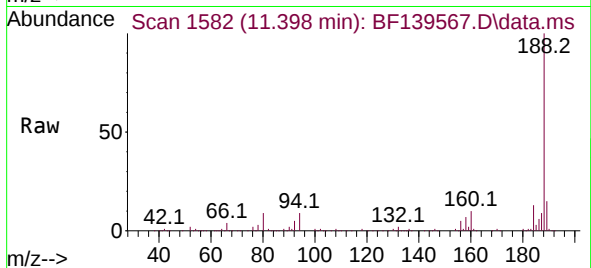
Tgt Ion:188 Resp: 256777

Ion Ratio Lower Upper

188 100

94 8.6 5.5 8.3#

80 8.8 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 2.911 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

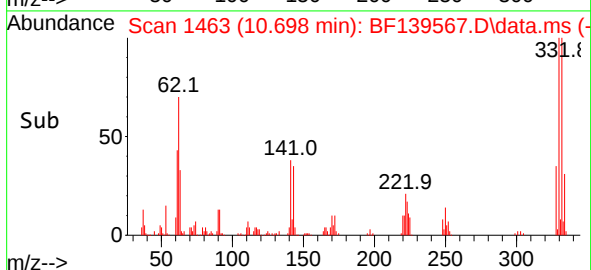
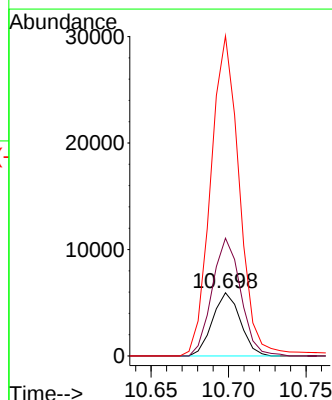
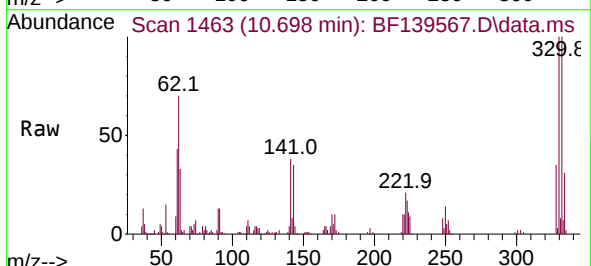
Tgt Ion:248 Resp: 7408

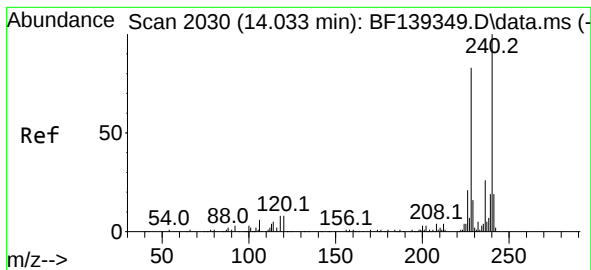
Ion Ratio Lower Upper

248 100

250 186.4 77.6 116.4#

141 506.7 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Instrument :

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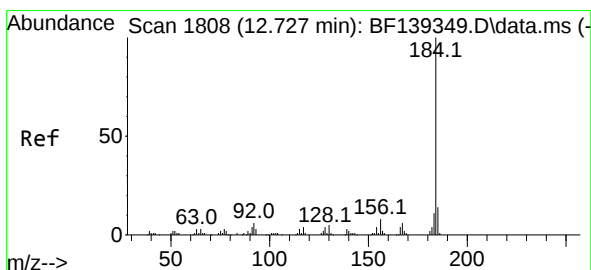
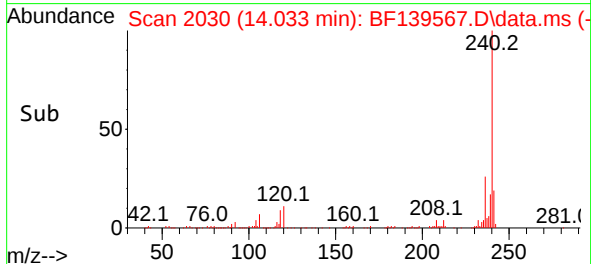
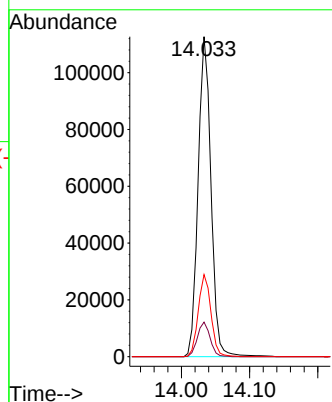
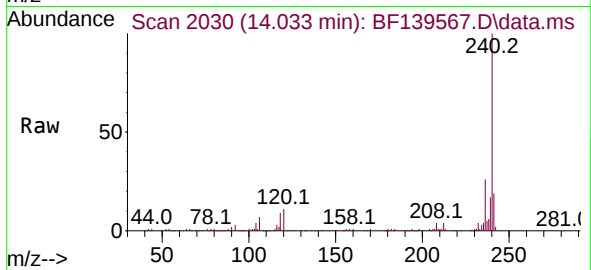
Tgt Ion:240 Resp: 147707

Ion Ratio Lower Upper

240 100

120 10.8 6.2 9.2#

236 25.7 20.9 31.3



#77

Benzidine

Concen: 3.637 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

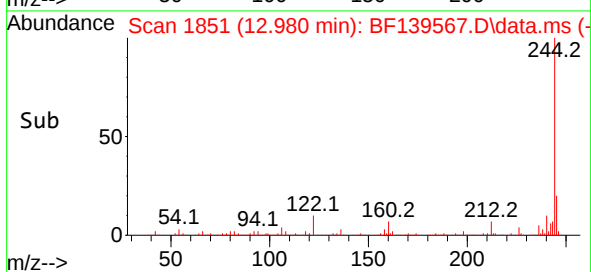
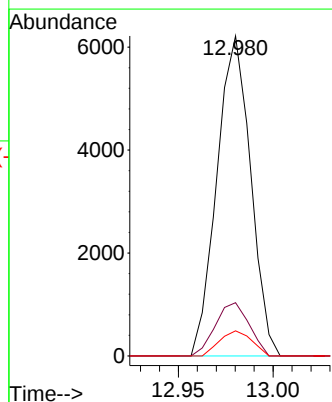
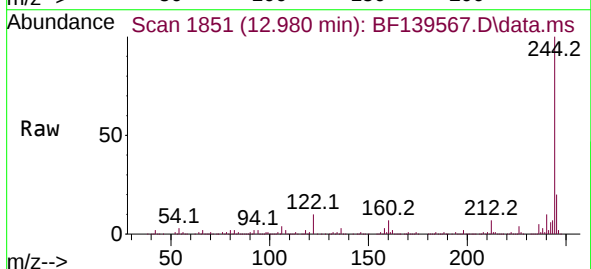
Tgt Ion:184 Resp: 7697

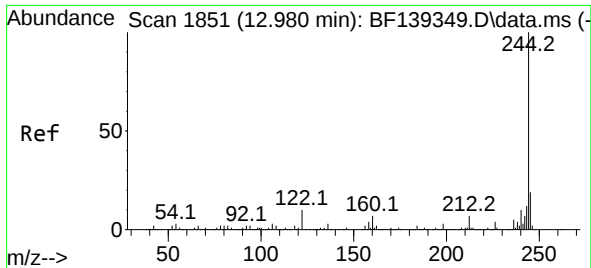
Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

183 7.8 8.9 13.3#

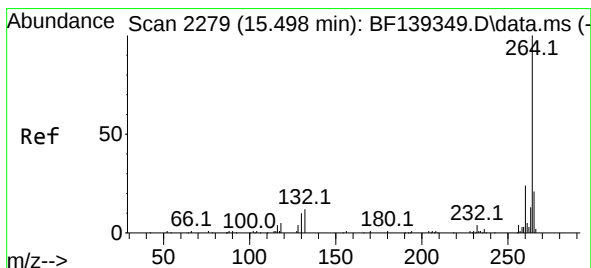
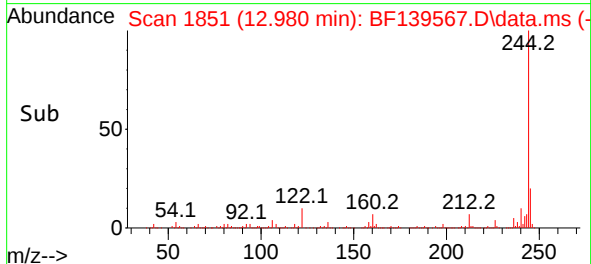
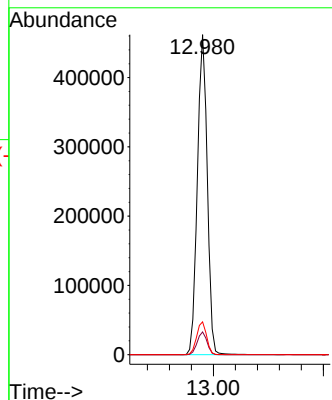
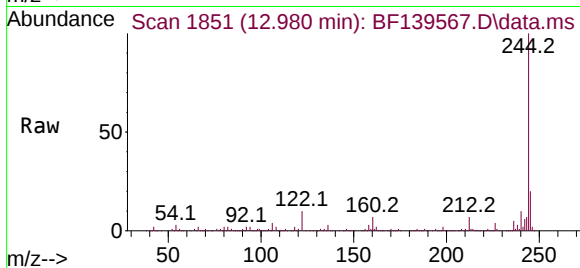




#79
Terphenyl-d14
Concen: 64.141 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

Tgt Ion:244 Resp: 577197
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion:264 Resp: 145098
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.5 16.6 25.0

