

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137824.D
 Acq On : 02 May 2024 19:56
 Operator : CG\JU
 Sample : P2331-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 02:24:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

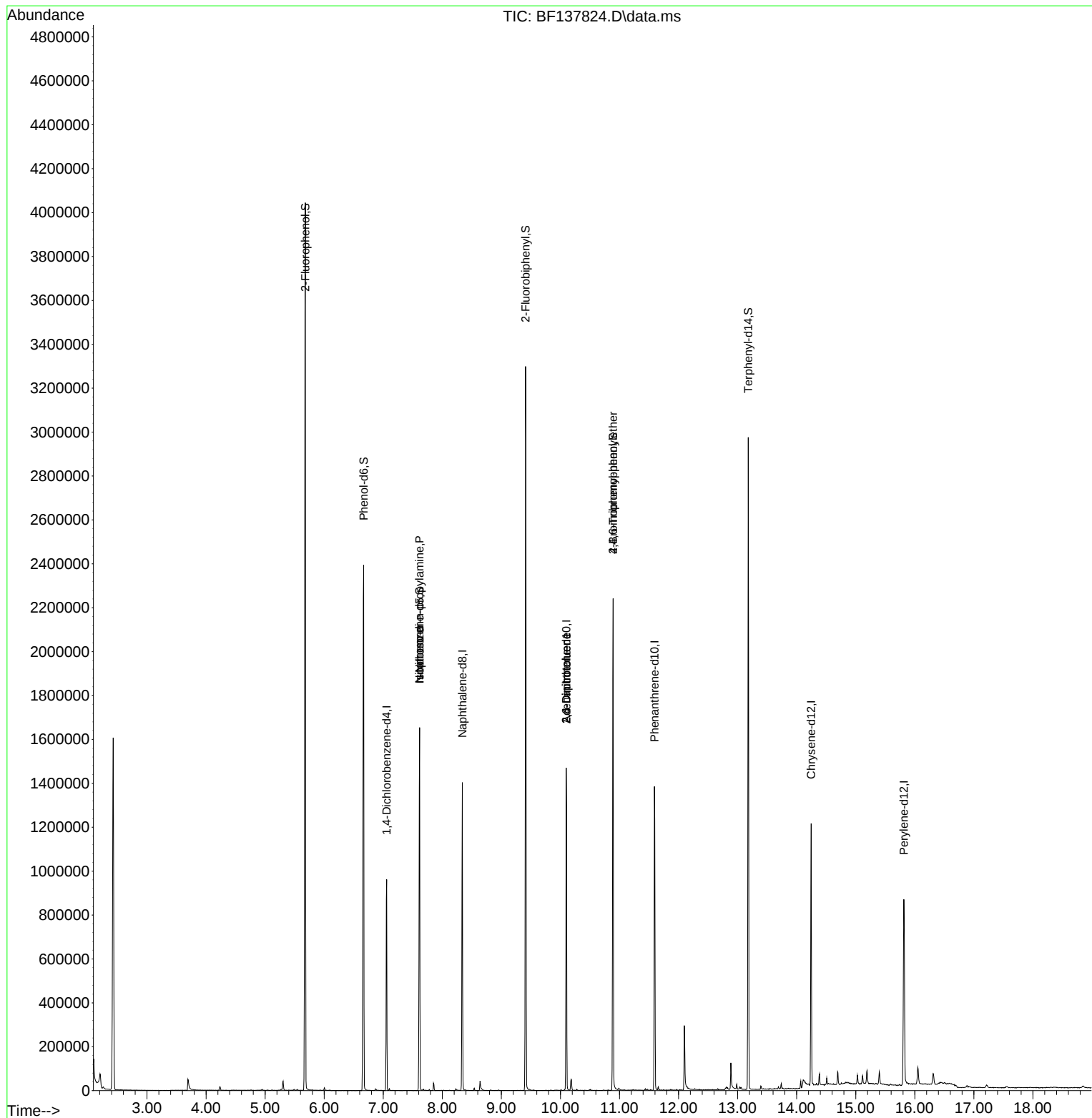
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	141922	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	565558	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	317638	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	516241	20.000	ng	0.00
76) Chrysene-d12	14.245	240	379382	20.000	ng	0.00
86) Perylene-d12	15.815	264	409217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1157673	136.574	ng	0.00
7) Phenol-d6	6.669	99	938420	87.281	ng	0.00
23) Nitrobenzene-d5	7.616	82	518732	53.288	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	276879	85.373	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1056452	53.959	ng	-0.01
79) Terphenyl-d14	13.180	244	994092	43.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	67294	10.473	ng	# 77
25) Isophorone	7.616	82	518727	29.555	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	41566	9.070	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	41567	6.943	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	19046	3.447	ng	# 1

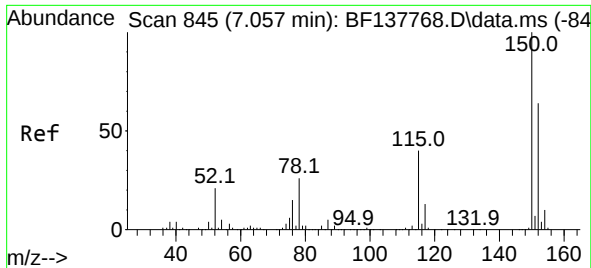
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137824.D
Acq On : 02 May 2024 19:56
Operator : CG\JU
Sample : P2331-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

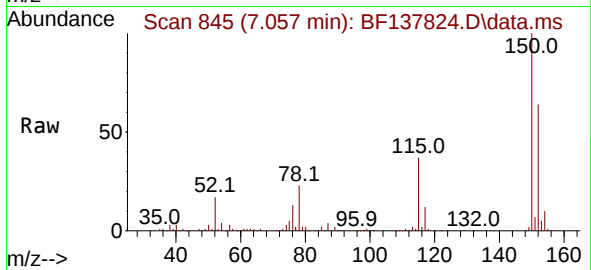
Quant Time: May 03 02:24:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



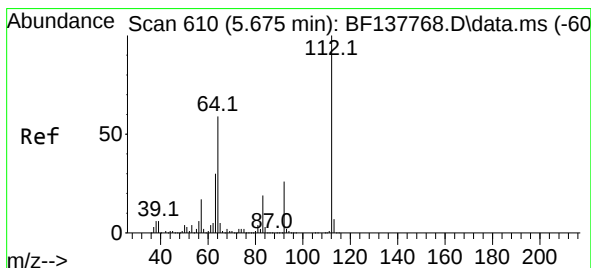
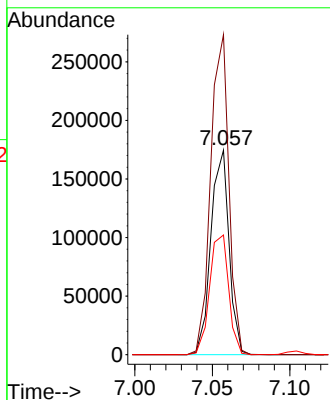
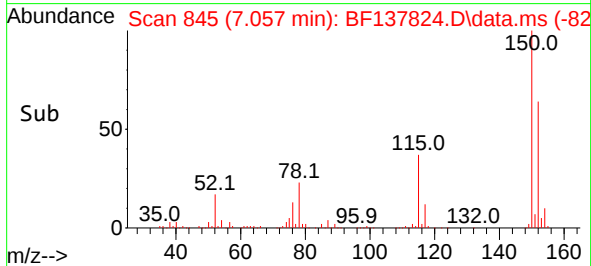


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137824.D
 Acq: 02 May 2024 19:56

Instrument :
 BNA_F
 ClientSampleId :

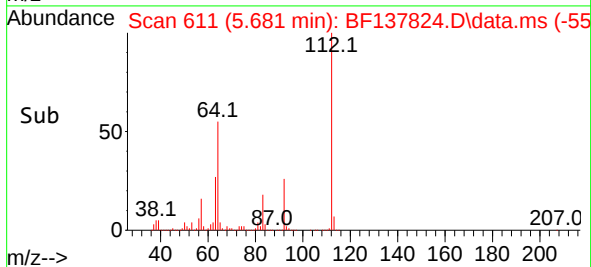
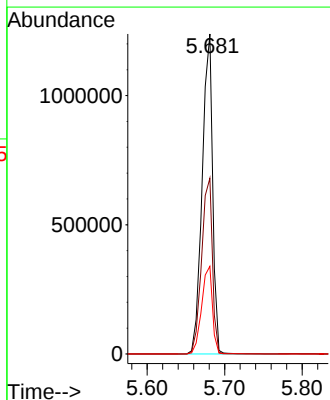
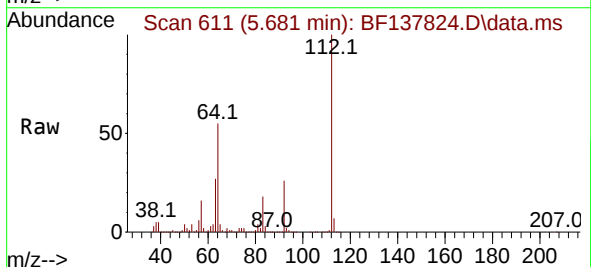


Tgt Ion:152 Resp: 141922
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.1 186.1
 115 58.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 136.574 ng
 RT: 5.681 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: BF137824.D
 Acq: 02 May 2024 19:56

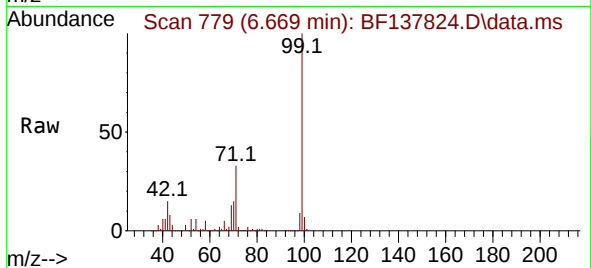
Tgt Ion:112 Resp: 1157673
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.3 70.9
 63 27.4 23.7 35.5



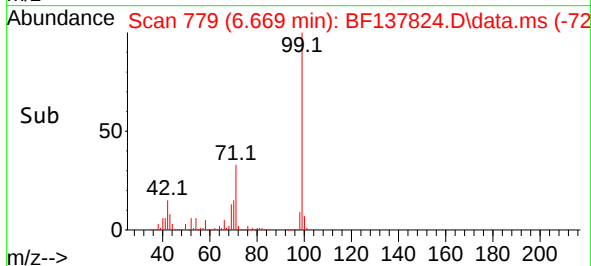
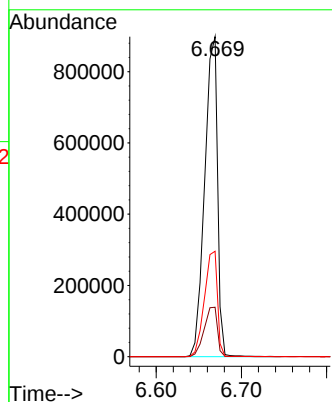


#7
Phenol-d6
Concen: 87.281 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Instrument :
BNA_F
ClientSampleId :

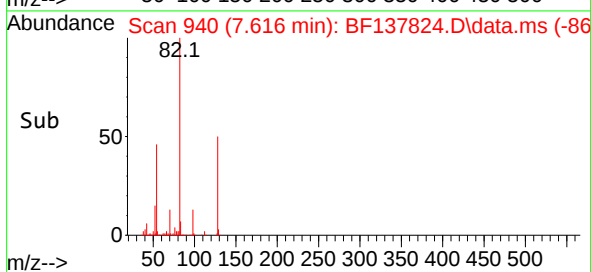
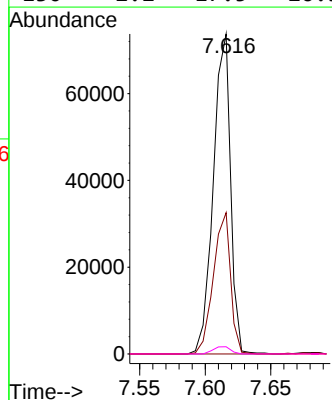
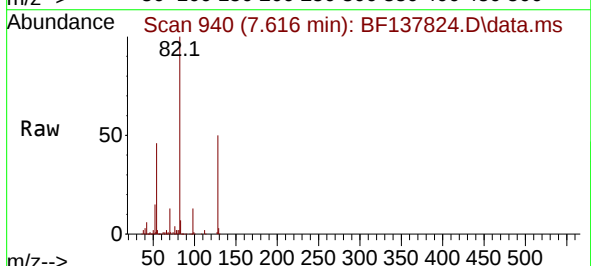


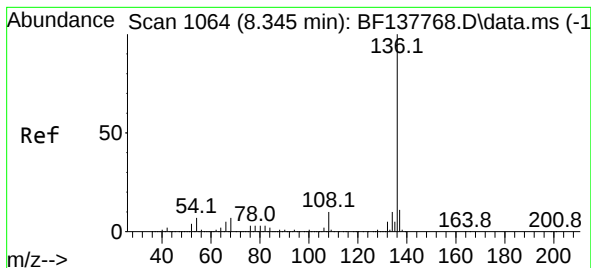
Tgt Ion: 99 Resp: 938420
Ion Ratio Lower Upper
99 100
42 15.5 13.2 19.8
71 32.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.473 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Tgt Ion: 70 Resp: 67294
Ion Ratio Lower Upper
70 100
42 44.1 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 565558

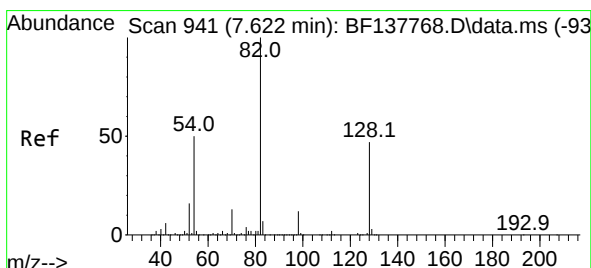
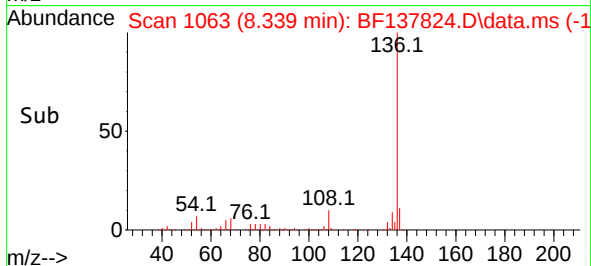
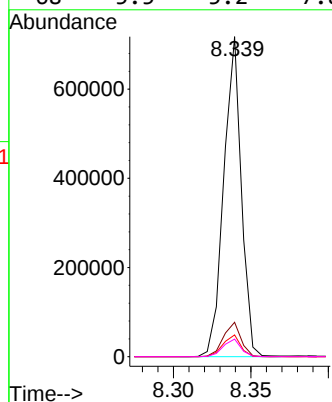
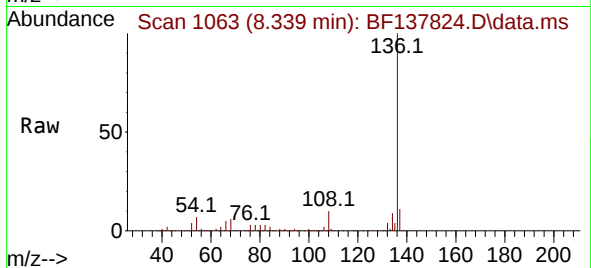
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.8 8.8

68 5.5 5.2 7.8



#23

Nitrobenzene-d5

Concen: 53.288 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

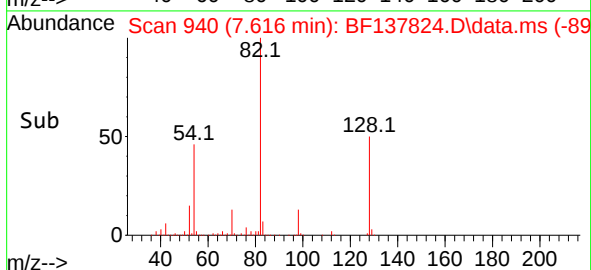
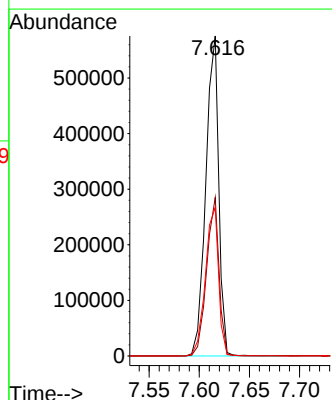
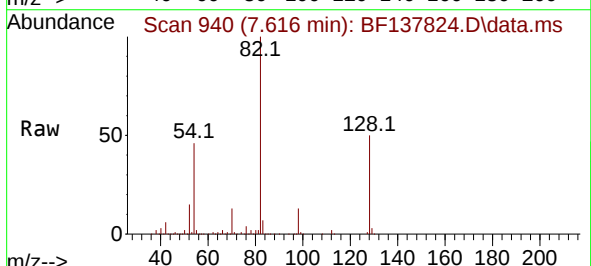
Tgt Ion: 82 Resp: 518732

Ion Ratio Lower Upper

82 100

128 49.5 37.5 56.3

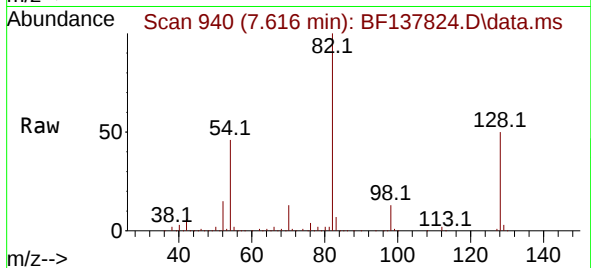
54 46.4 39.8 59.6



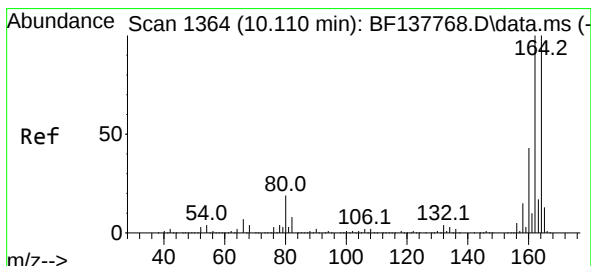
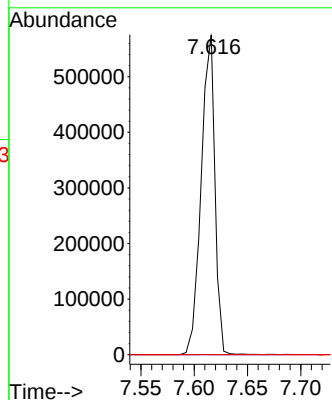
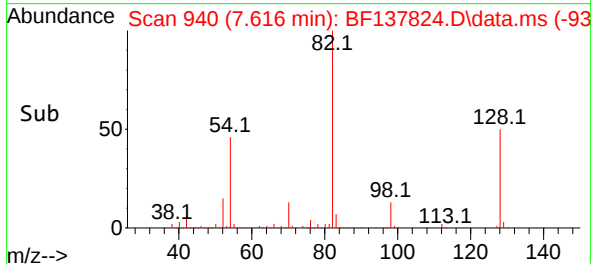


#25
Isophorone
Concen: 29.555 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

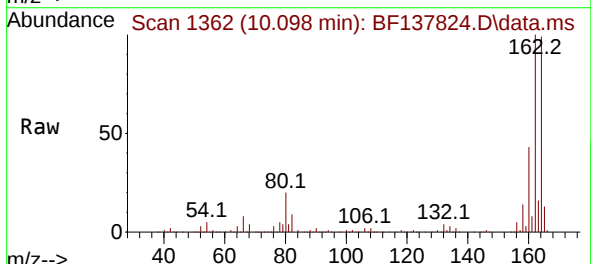
Instrument :
BNA_F
ClientSampleId :



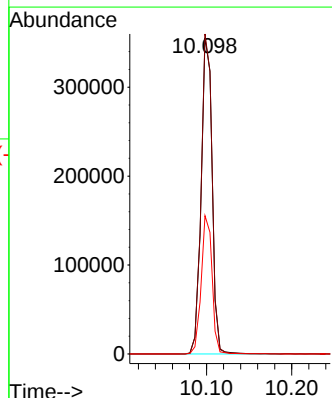
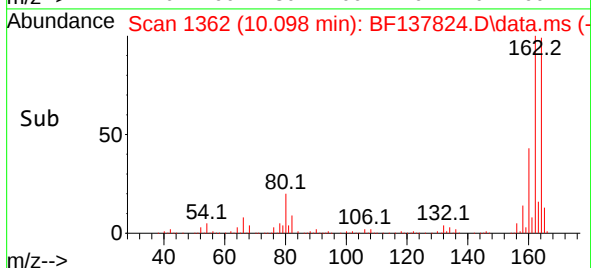
Tgt Ion: 82 Resp: 518727
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

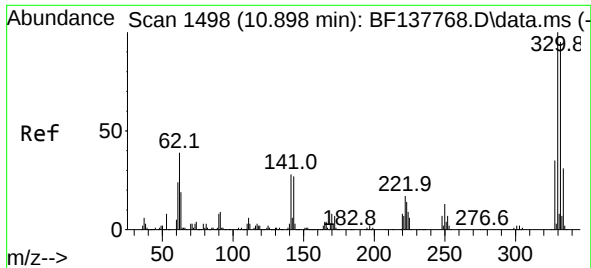


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56



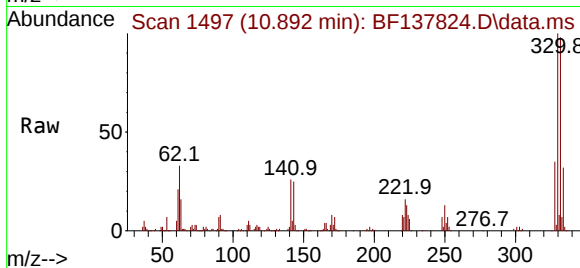
Tgt Ion: 164 Resp: 317638
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 43.7 34.4 51.6



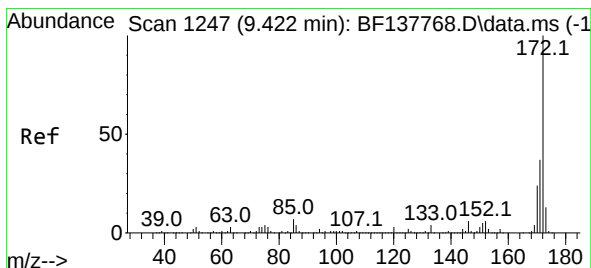
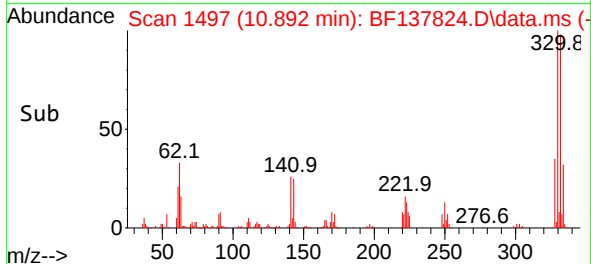
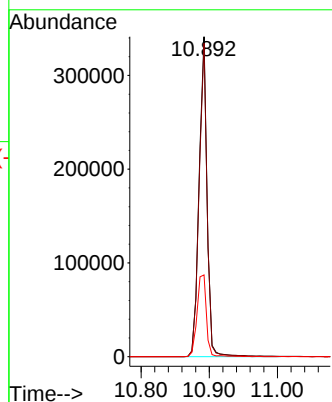


#42
2,4,6-Tribromophenol
Concen: 85.373 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Instrument :
BNA_F
ClientSampleId :

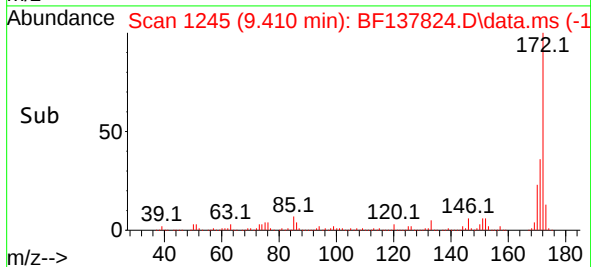
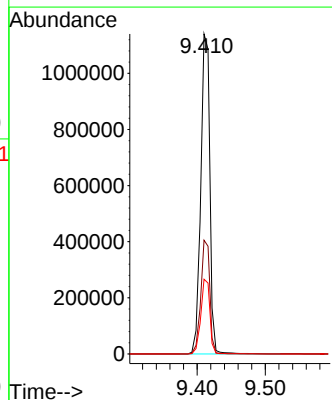
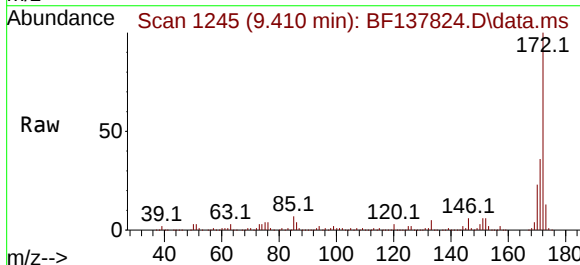


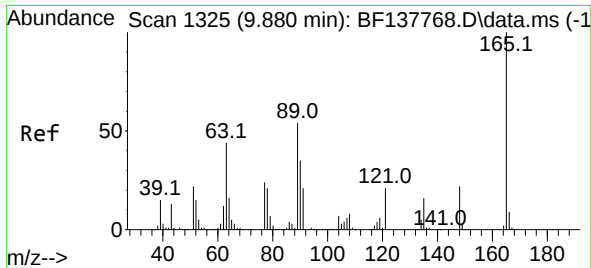
Tgt Ion:330 Resp: 276879
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 29.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 53.959 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Tgt Ion:172 Resp: 1056452
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.3 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 9.070 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.218 min

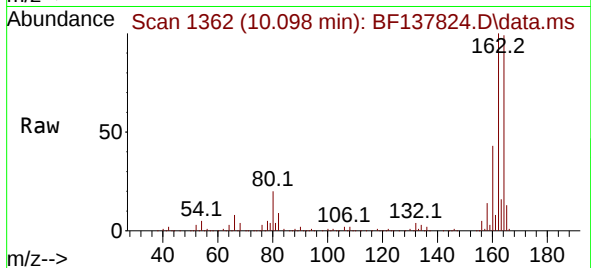
Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :



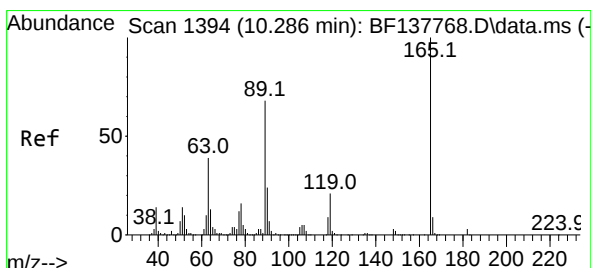
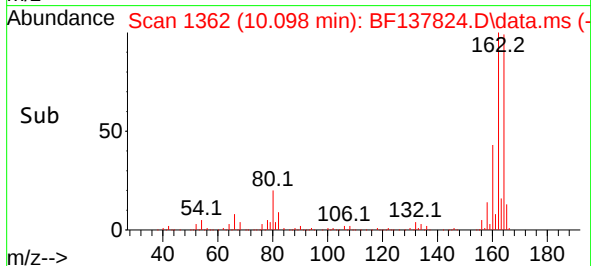
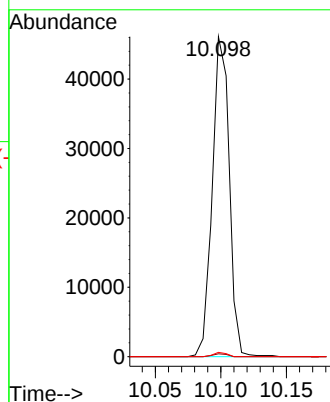
Tgt Ion:165 Resp: 41566

Ion Ratio Lower Upper

165 100

63 0.9 41.9 62.9#

89 1.4 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.943 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.188 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Tgt Ion:165 Resp: 41567

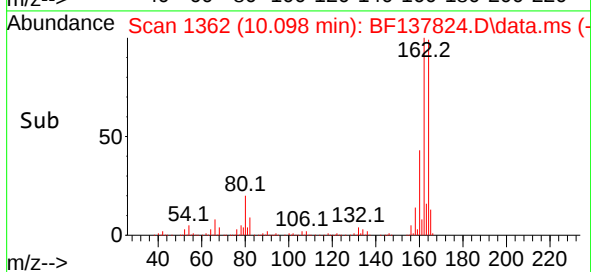
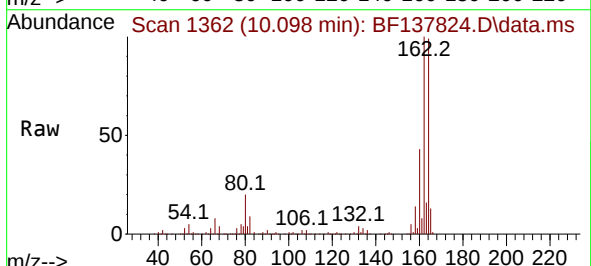
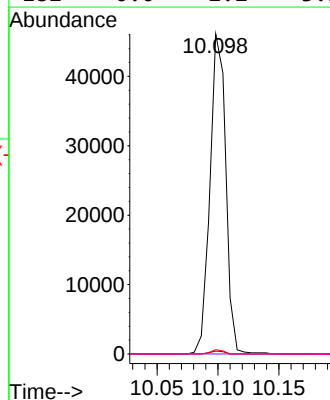
Ion Ratio Lower Upper

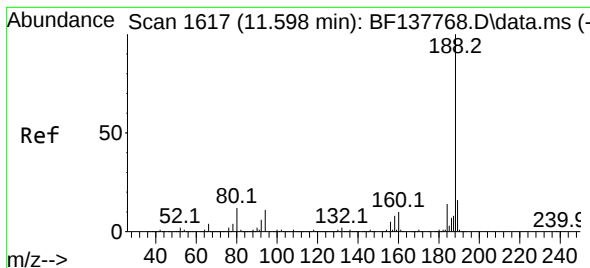
165 100

63 0.9 31.3 46.9#

89 1.4 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :

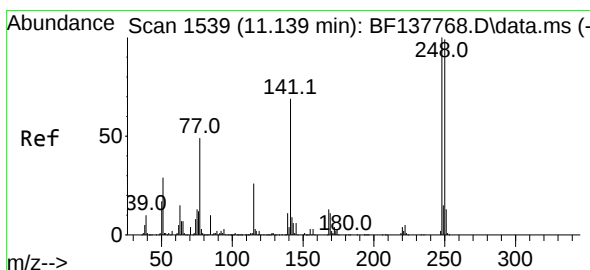
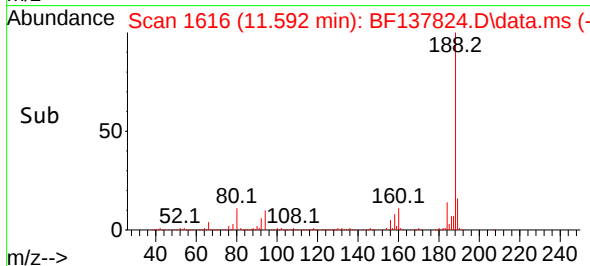
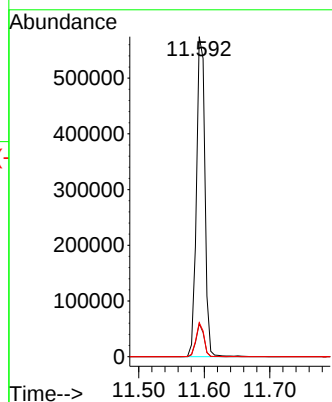
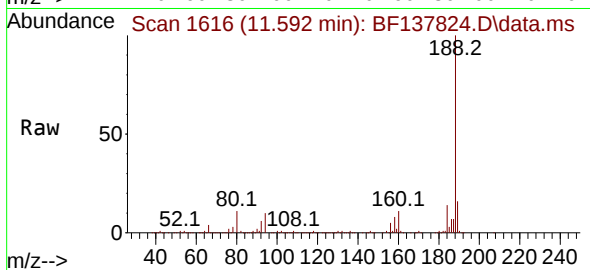
Tgt Ion:188 Resp: 516241

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 10.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.447 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

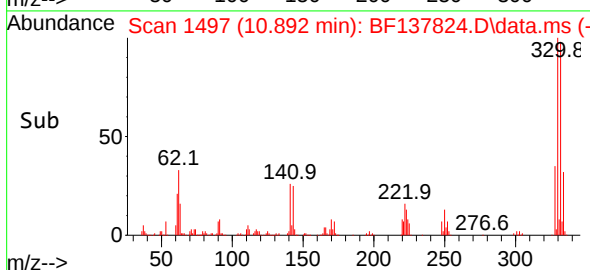
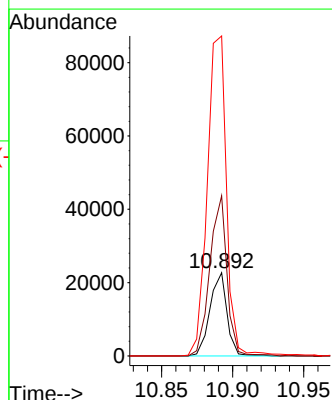
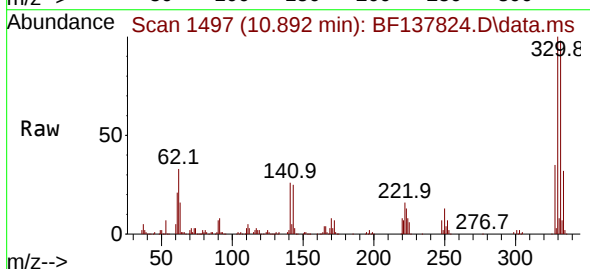
Tgt Ion:248 Resp: 19046

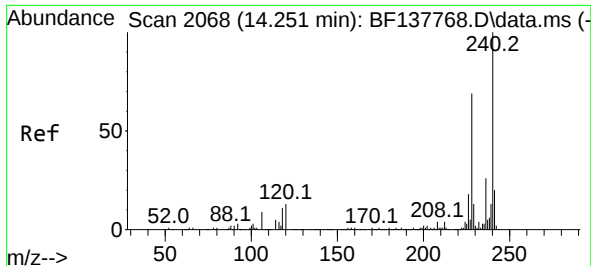
Ion Ratio Lower Upper

248 100

250 192.6 79.1 118.7#

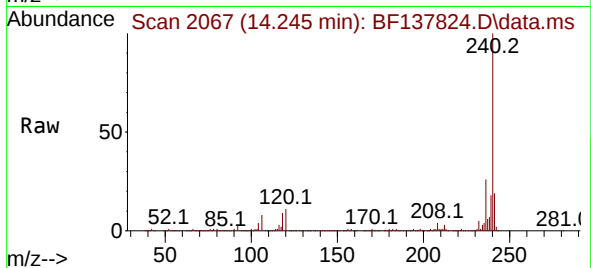
141 384.7 55.4 83.2#



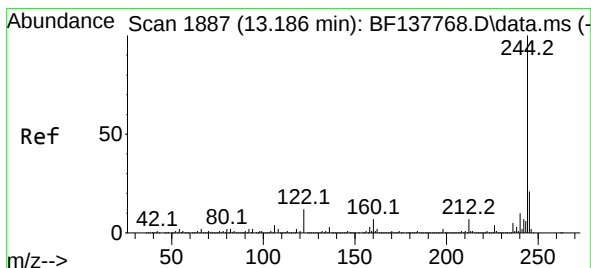
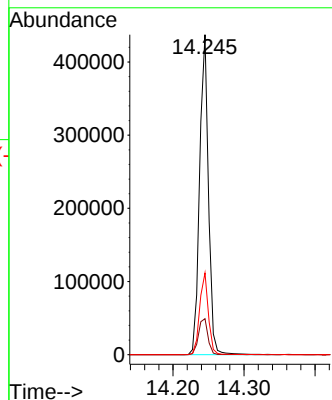
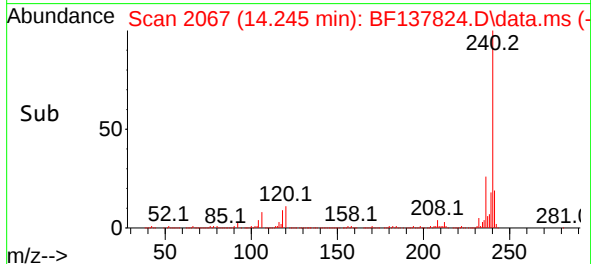


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

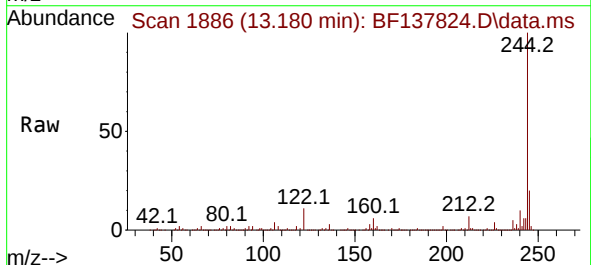
Instrument :
BNA_F
ClientSampleId :



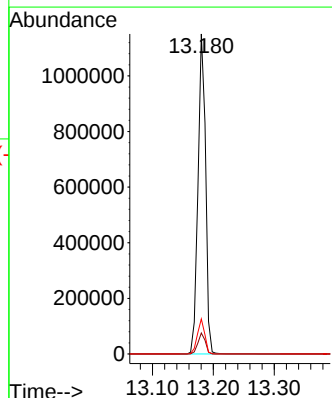
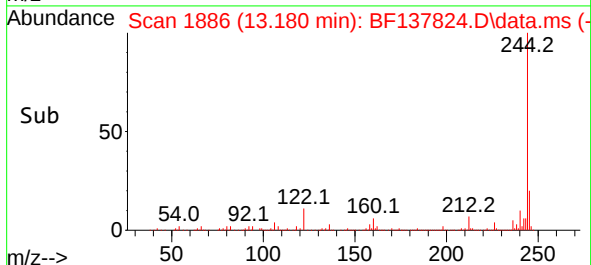
Tgt Ion:240 Resp: 379382
Ion Ratio Lower Upper
240 100
120 11.3 10.4 15.6
236 25.5 20.4 30.6

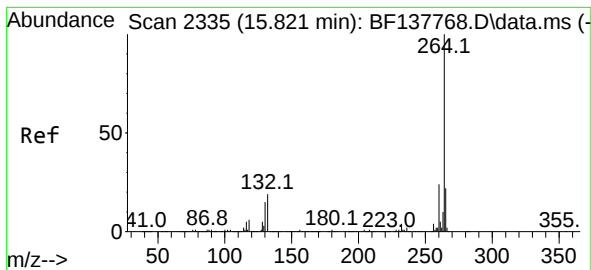


#79
Terphenyl-d14
Concen: 43.912 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56



Tgt Ion:244 Resp: 994092
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.9 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. -0.006 min

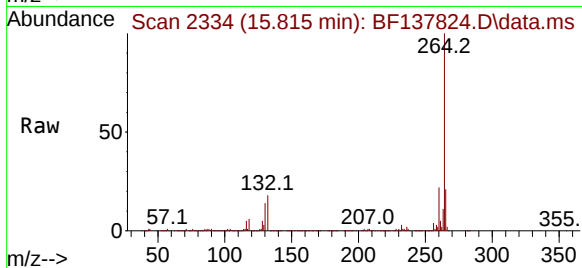
Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 409217

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.7 17.4 26.0

