

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139753.D
 Acq On : 10 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4375-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-6

Quant Time: Oct 10 23:19:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

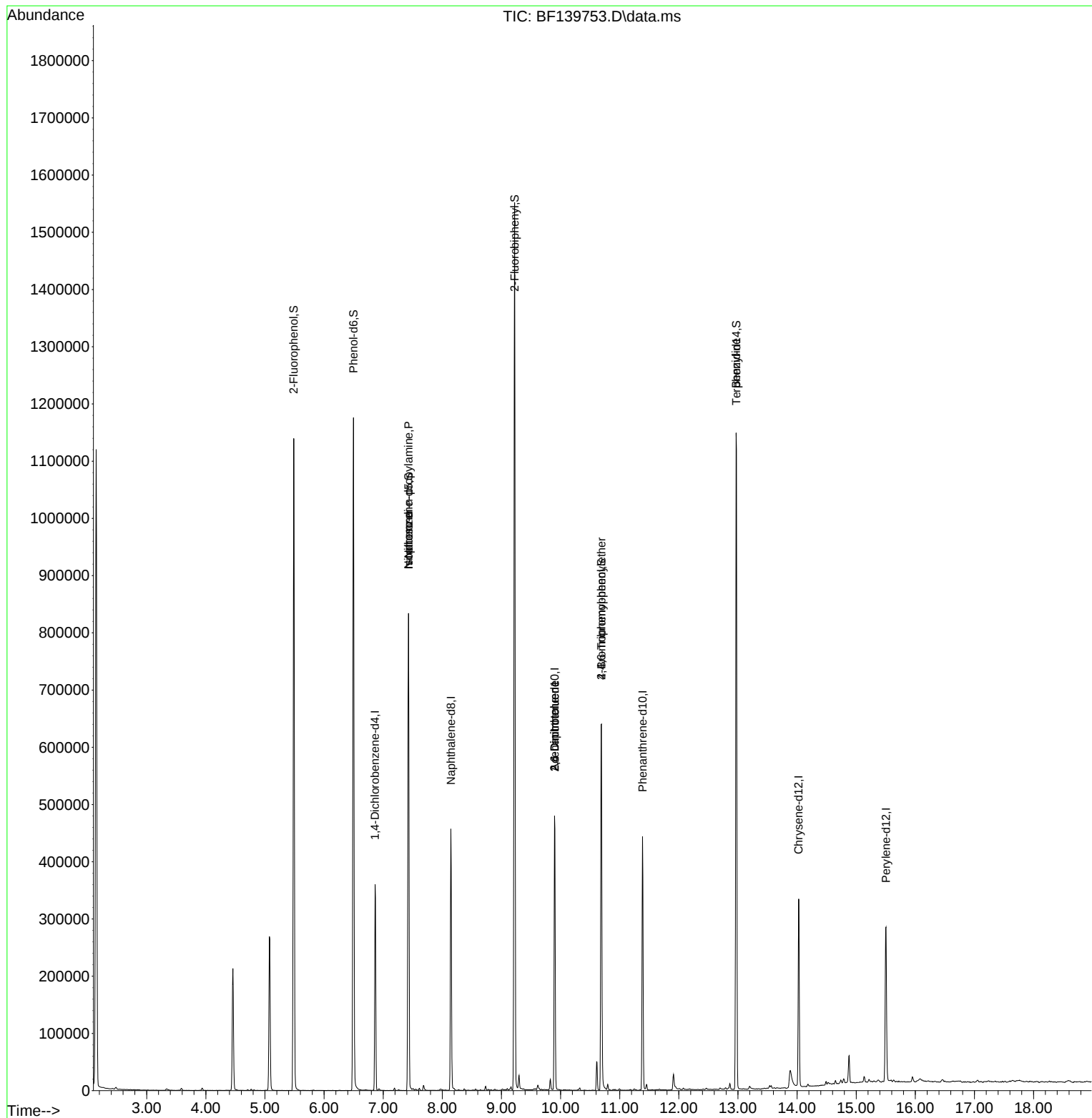
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73447	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	275951	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	143950	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	237759	20.000	ng	0.00
76) Chrysene-d12	14.027	240	154954	20.000	ng	0.00
86) Perylene-d12	15.504	264	165217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	387371	91.414	ng	0.00
7) Phenol-d6	6.498	99	526201	92.339	ng	0.00
23) Nitrobenzene-d5	7.428	82	350304	64.272	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	107692	77.498	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	668610	71.305	ng	0.00
79) Terphenyl-d14	12.974	244	570349	60.395	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	47848	13.060	ng	# 74
25) Isophorone	7.428	82	347101	35.856	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18569	8.723	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	18569	6.674	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	6853	2.811	ng	# 1
77) Benzidine	12.969	184	7676	2.808	ng	# 90

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

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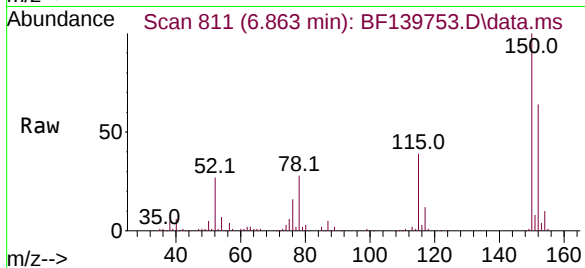
Quant Time: Oct 10 23:19:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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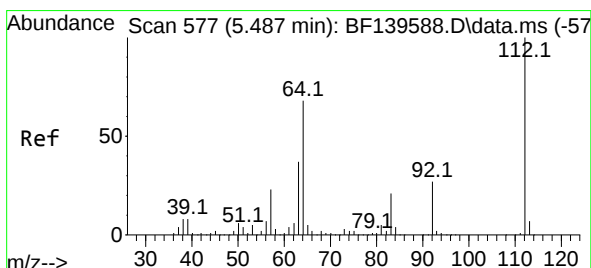
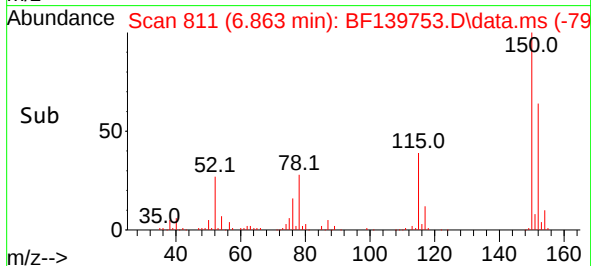
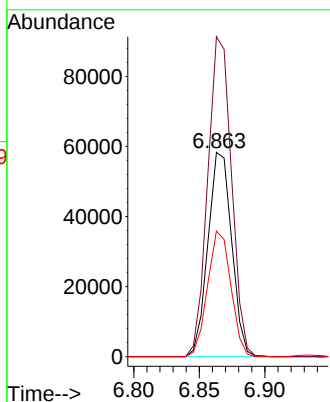


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

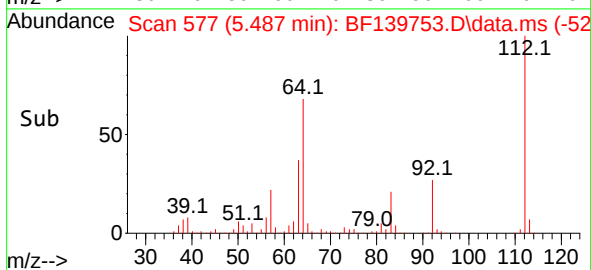
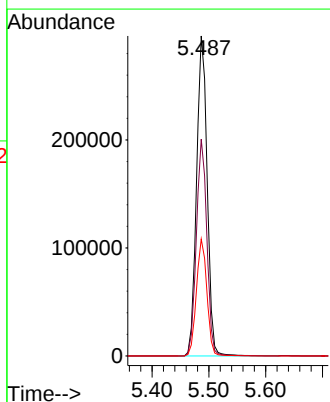
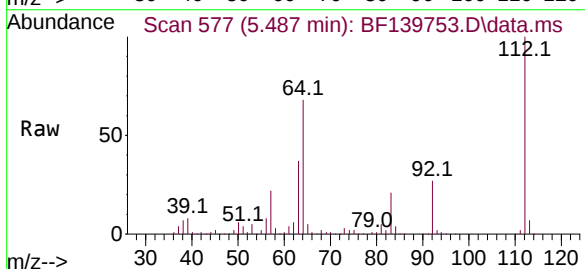


Tgt Ion:152 Resp: 73447
Ion Ratio Lower Upper
152 100
150 156.6 127.2 190.8
115 61.5 49.0 73.4



#5
2-Fluorophenol
Concen: 91.414 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Tgt Ion:112 Resp: 387371
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 36.6 29.4 44.2

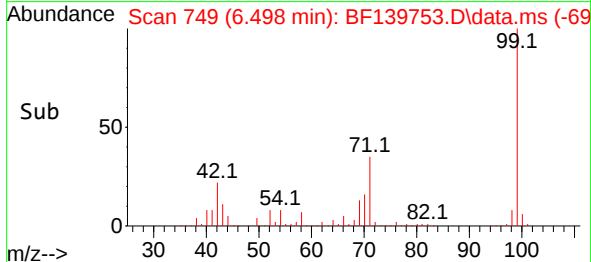
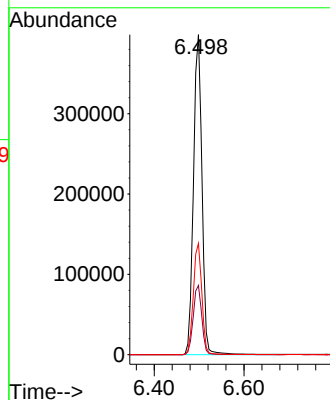
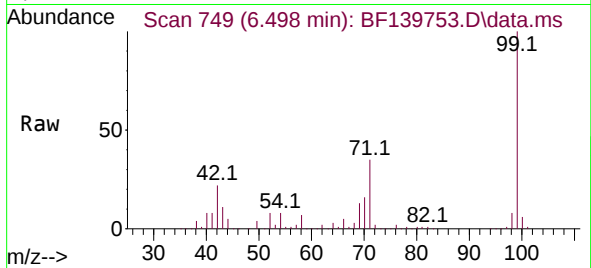




#7
Phenol-d6
Concen: 92.339 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

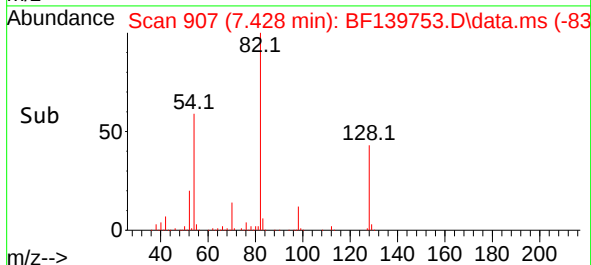
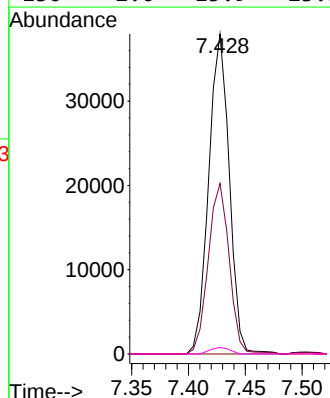
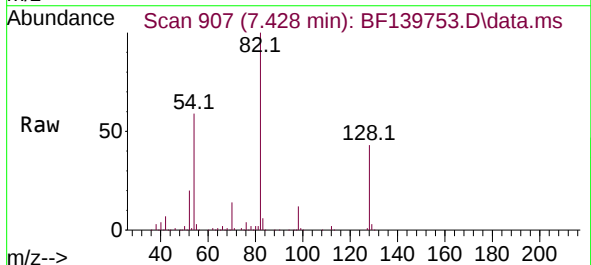
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion: 99 Resp: 526201
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 34.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.060 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Tgt Ion: 70 Resp: 47848
Ion Ratio Lower Upper
70 100
42 53.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#



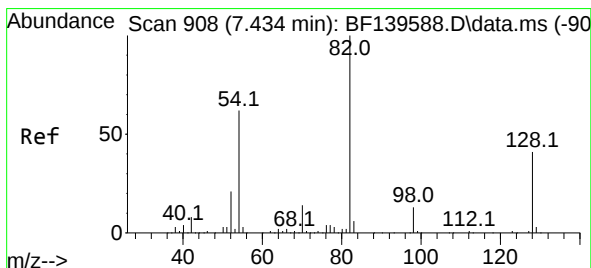
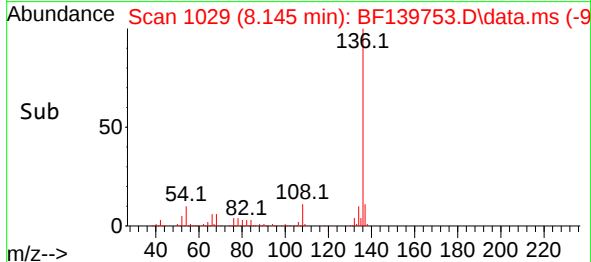
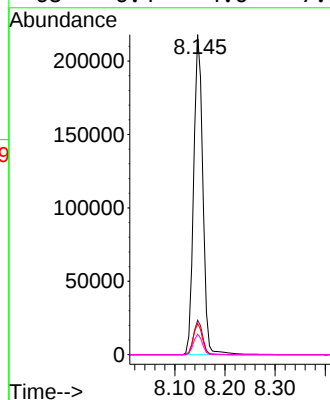
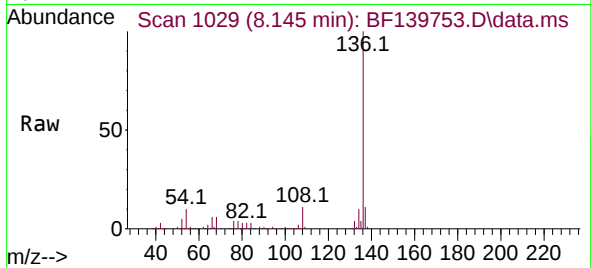


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion:136 Resp: 275951

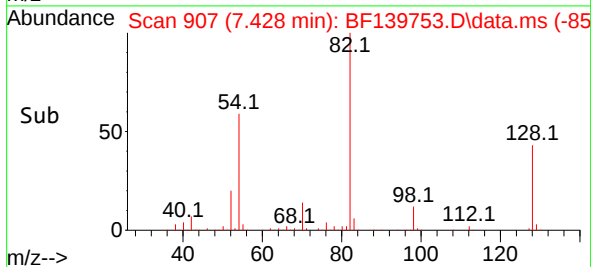
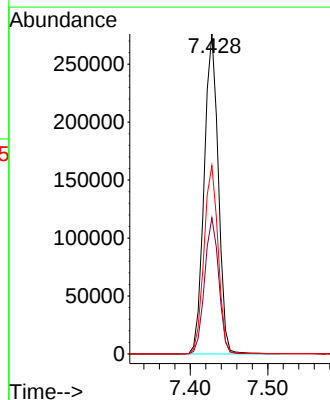
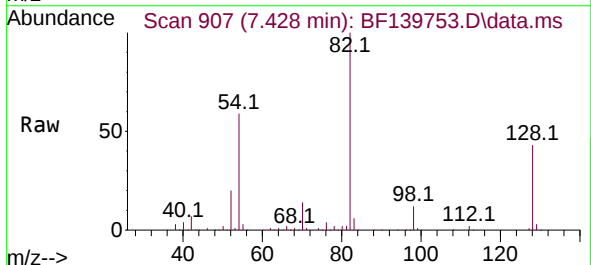
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	8.3	12.5
68	6.4	4.6	7.0



#23
Nitrobenzene-d5
Concen: 64.272 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Tgt Ion: 82 Resp: 350304

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.4	48.6
54	58.9	49.1	73.7

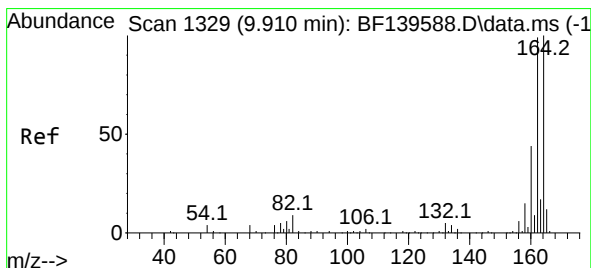
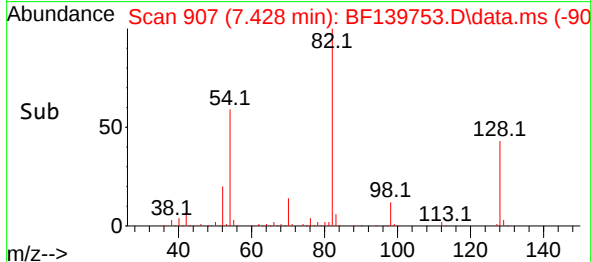
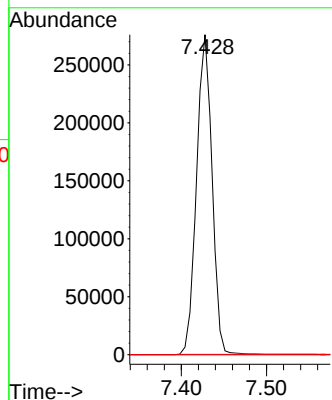
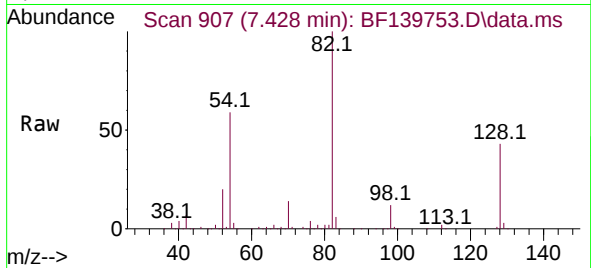




#25
Isophorone
Concen: 35.856 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

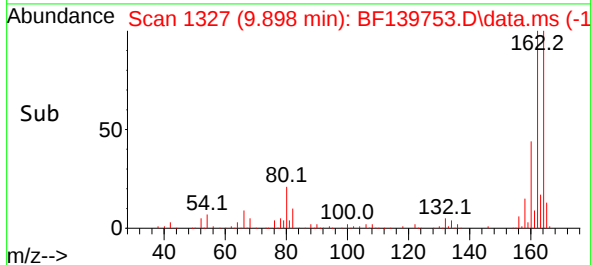
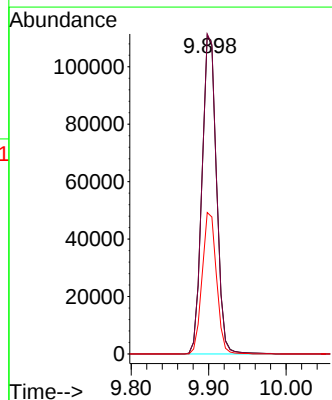
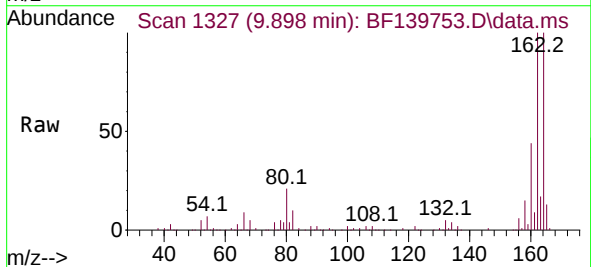
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion: 82 Resp: 347101
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Tgt Ion:164 Resp: 143950
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 77.498 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF139753.D

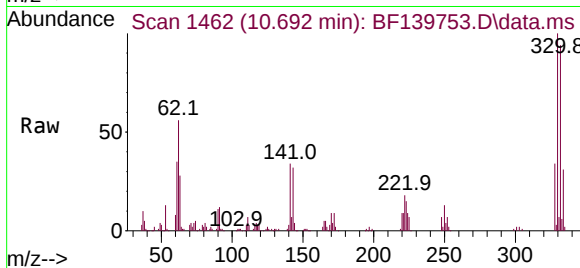
Acq: 10 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6



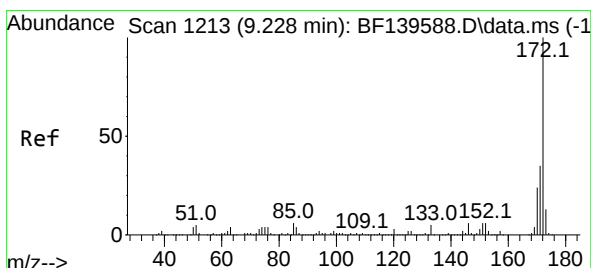
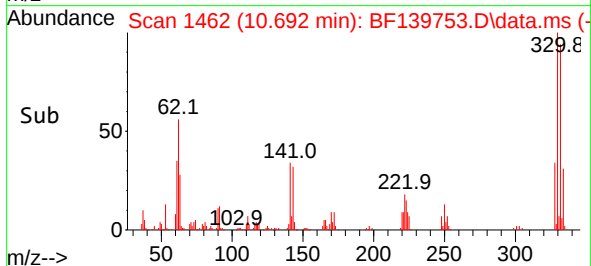
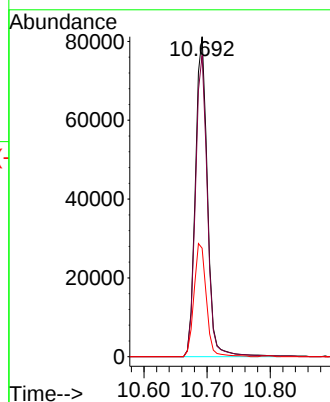
Tgt Ion:330 Resp: 107692

Ion Ratio Lower Upper

330 100

332 94.2 76.5 114.7

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 71.305 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

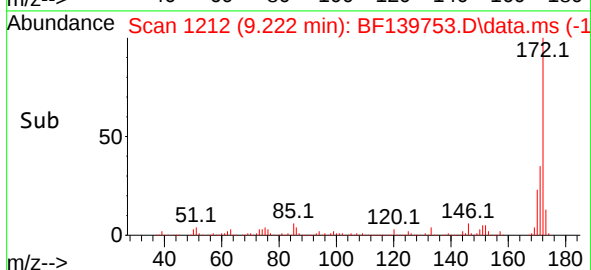
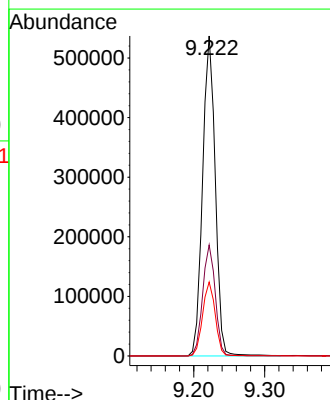
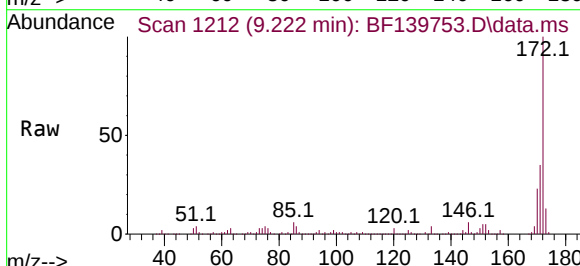
Tgt Ion:172 Resp: 668610

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.723 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6

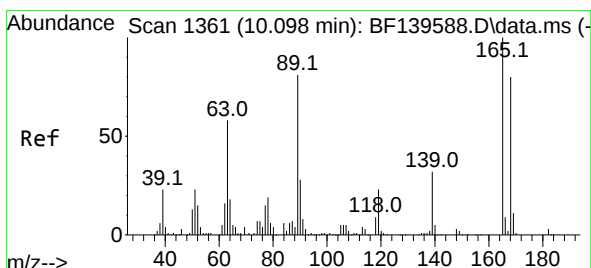
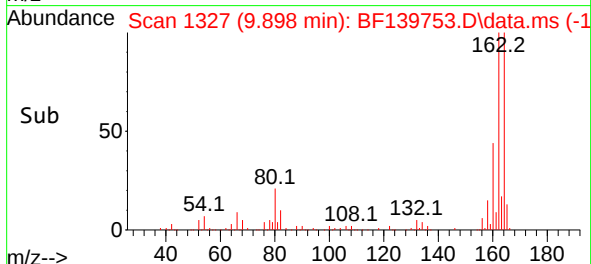
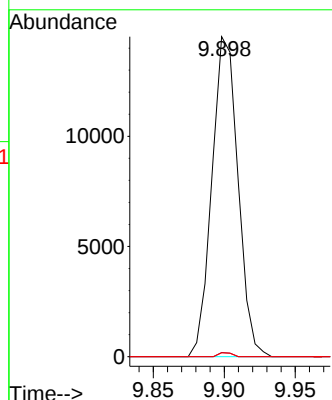
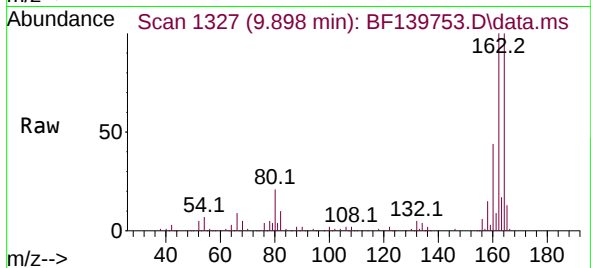
Tgt Ion:165 Resp: 18569

Ion Ratio Lower Upper

165 100

63 1.3 56.7 85.1#

89 1.2 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.674 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

Tgt Ion:165 Resp: 18569

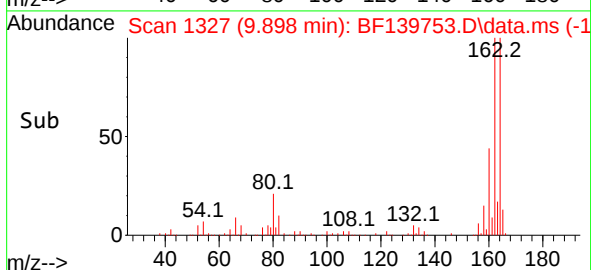
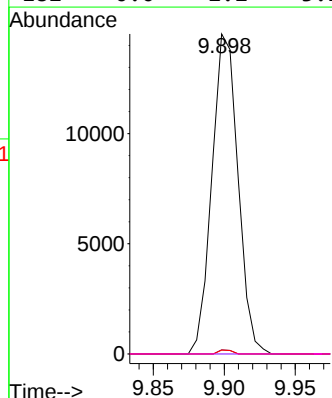
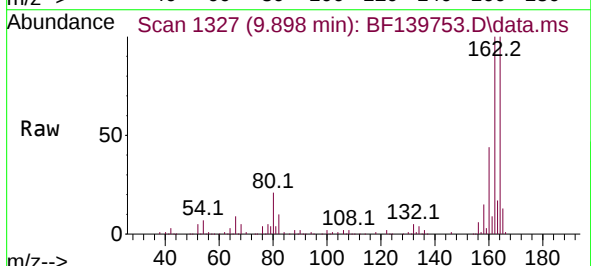
Ion Ratio Lower Upper

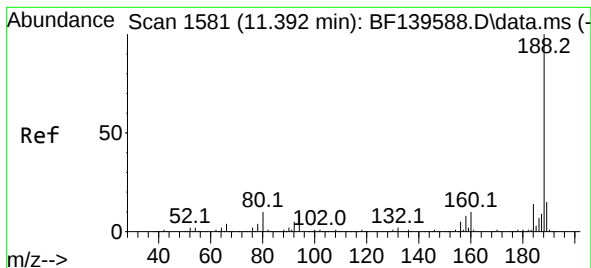
165 100

63 1.3 46.9 70.3#

89 1.2 64.4 96.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6

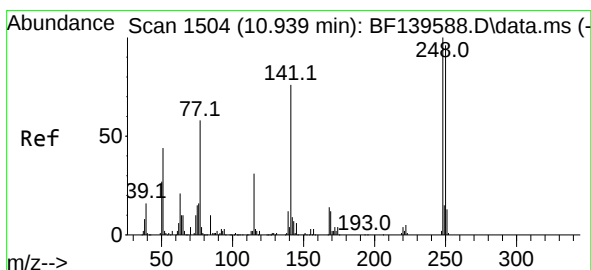
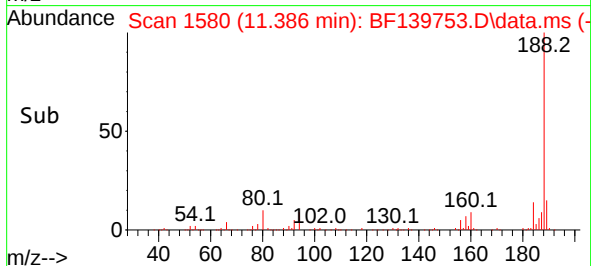
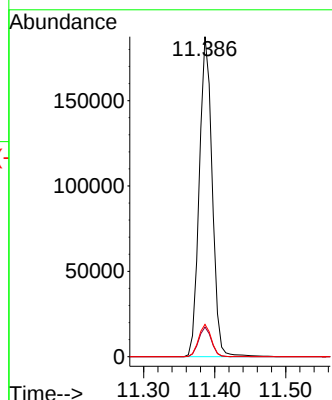
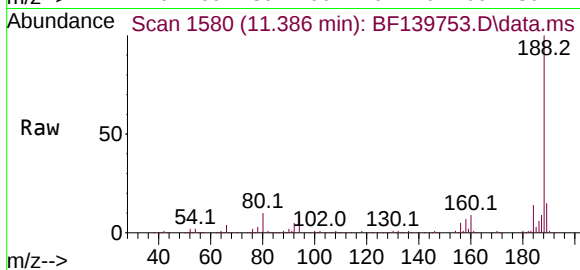
Tgt Ion:188 Resp: 237759

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.1 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.811 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

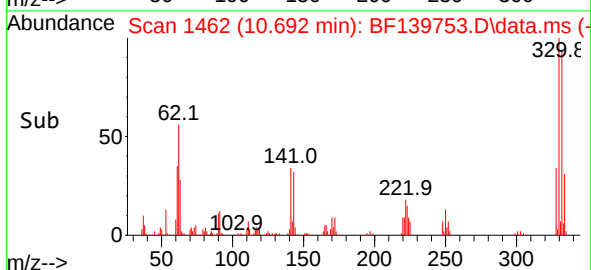
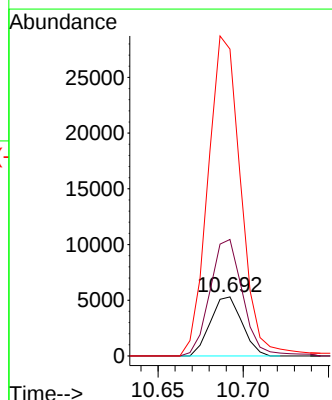
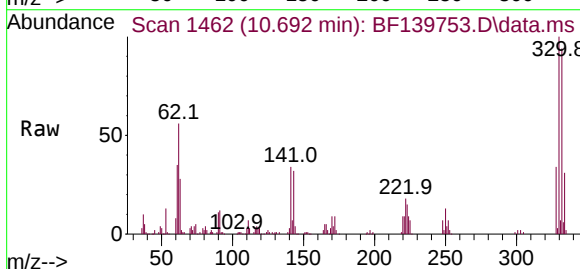
Tgt Ion:248 Resp: 6853

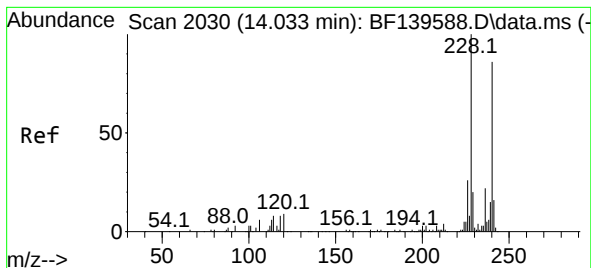
Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

141 519.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6

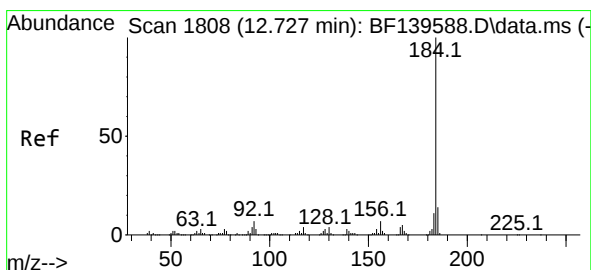
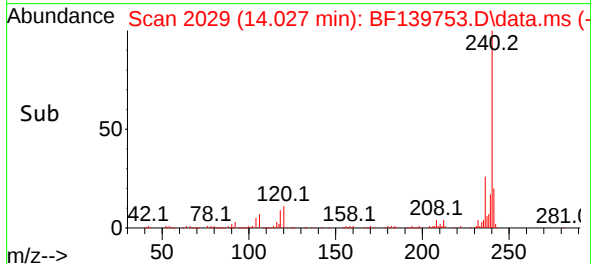
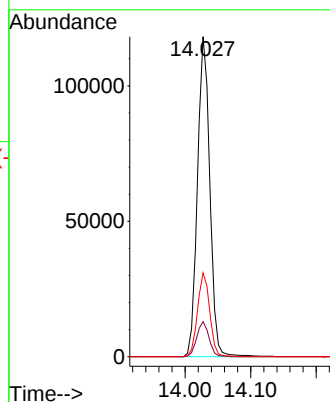
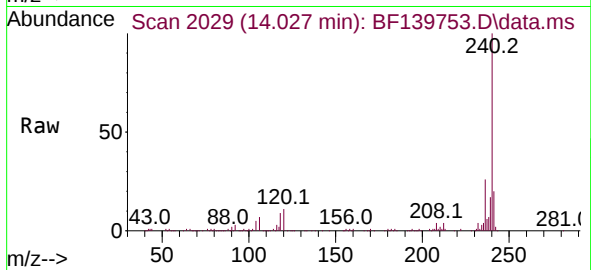
Tgt Ion:240 Resp: 154954

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 26.2 20.3 30.5



#77

Benzidine

Concen: 2.808 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139753.D

Acq: 10 Oct 2024 18:27

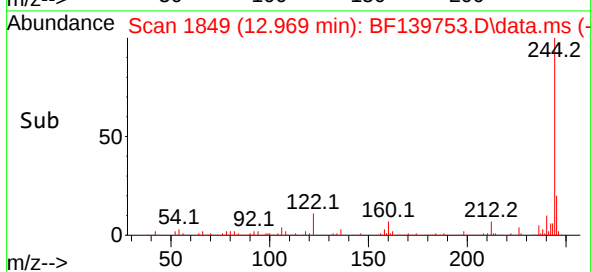
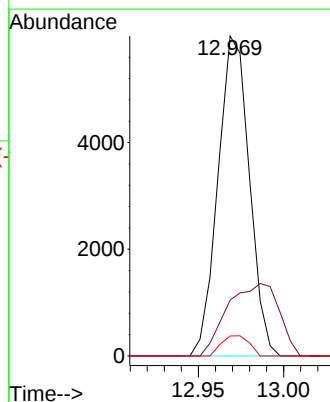
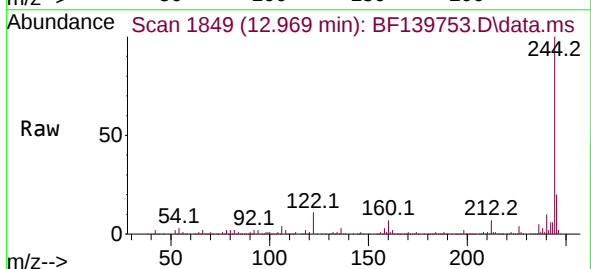
Tgt Ion:184 Resp: 7676

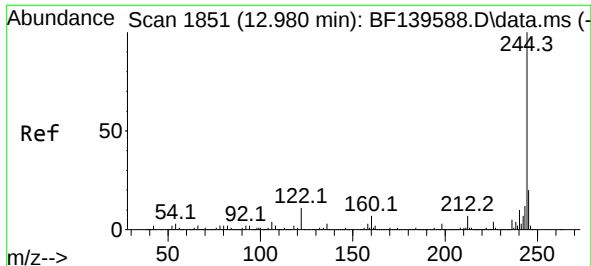
Ion Ratio Lower Upper

184 100

185 17.5 11.4 17.0#

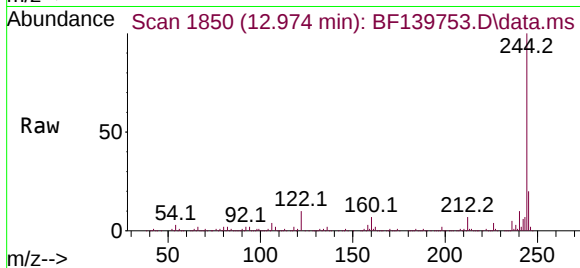
183 6.3 8.8 13.2#



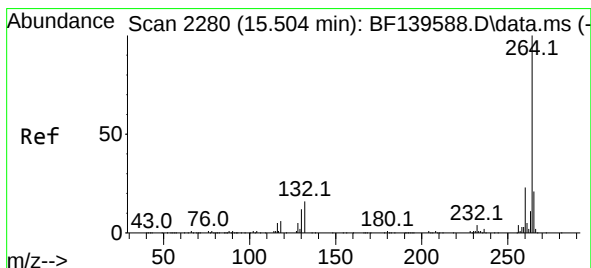
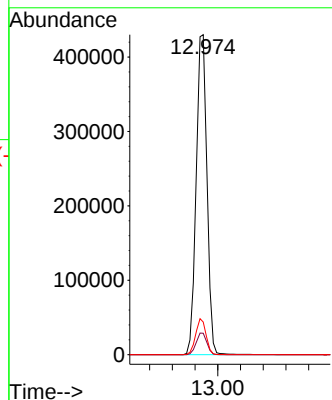
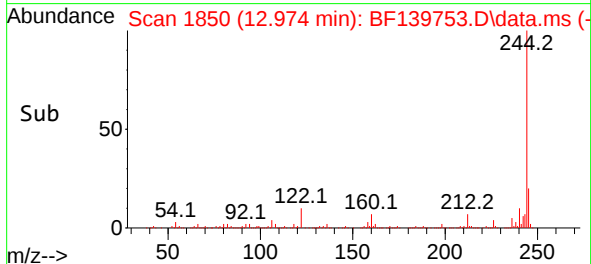


#79
Terphenyl-d14
Concen: 60.395 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6



Tgt Ion:244 Resp: 570349
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.2 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139753.D
Acq: 10 Oct 2024 18:27

Tgt Ion:264 Resp: 165217
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.0 16.9 25.3

