

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139758.D
 Acq On : 10 Oct 2024 20:49
 Operator : RC/JU
 Sample : P4375-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-11

Quant Time: Oct 10 23:20:35 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)

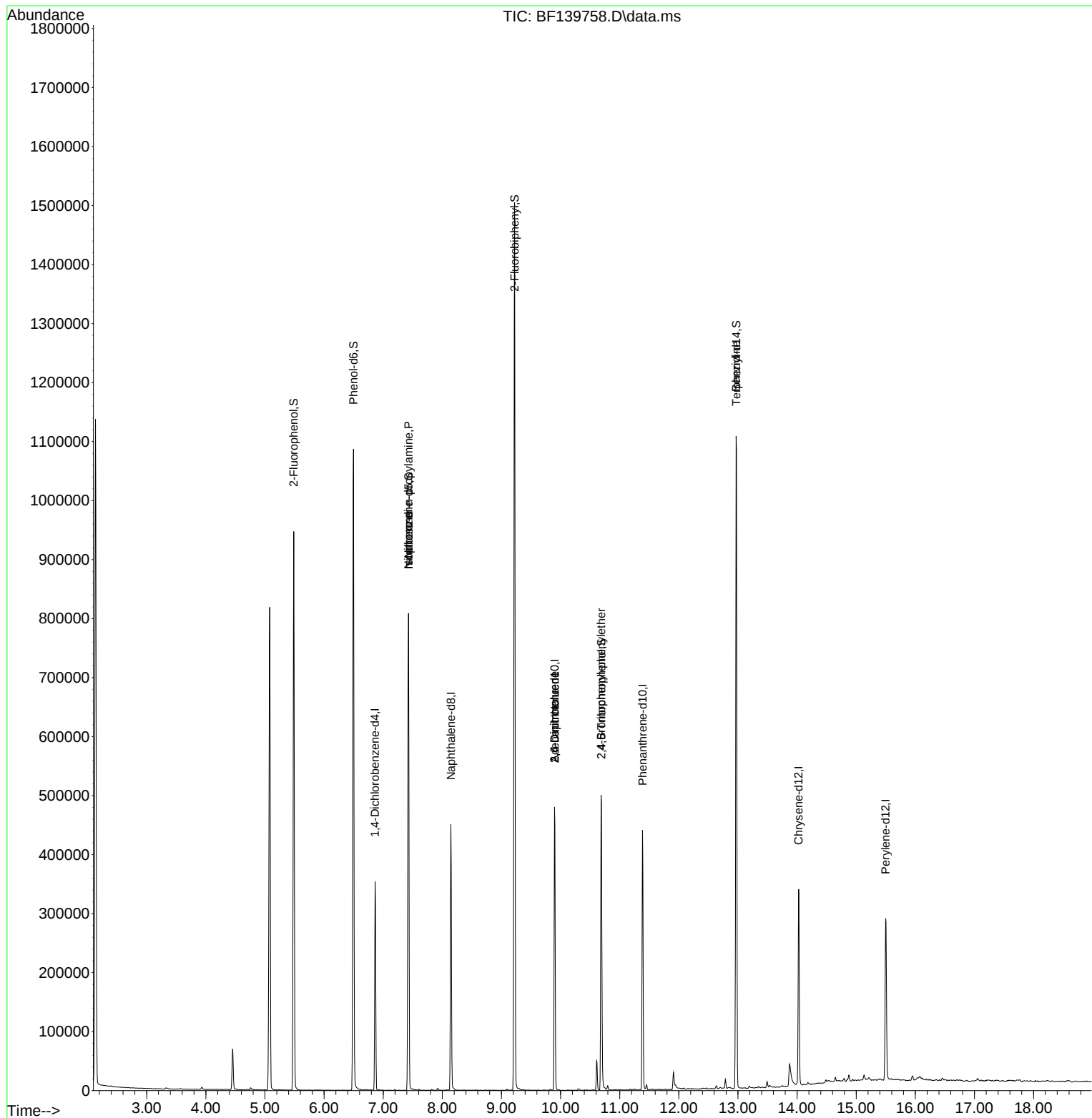
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	71943	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	268320	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	145044	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	235737	20.000	ng	0.00
76) Chrysene-d12	14.027	240	156758	20.000	ng	0.00
86) Perylene-d12	15.498	264	165137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	321022	77.340	ng	0.00
7) Phenol-d6	6.498	99	489417	87.679	ng	0.00
23) Nitrobenzene-d5	7.428	82	338449	63.863	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	81147	57.955	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	651961	69.005	ng	0.00
79) Terphenyl-d14	12.974	244	550853	57.659	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	45867	12.781	ng	# 75
25) Isophorone	7.428	82	338256	35.936	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18612	8.678	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	18612	6.639	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	5770	2.387	ng	# 1
77) Benzidine	12.969	184	7317	2.646	ng	# 93

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

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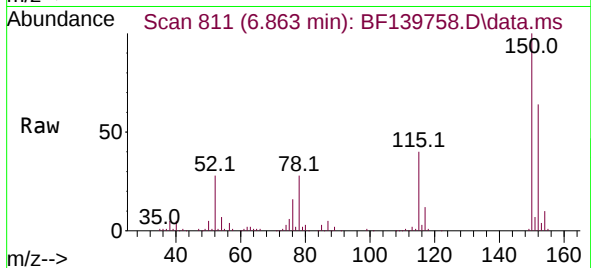
Quant Time: Oct 10 23:20:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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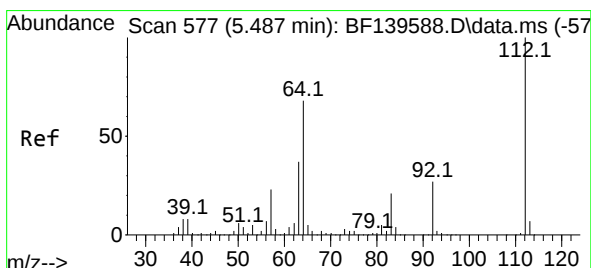
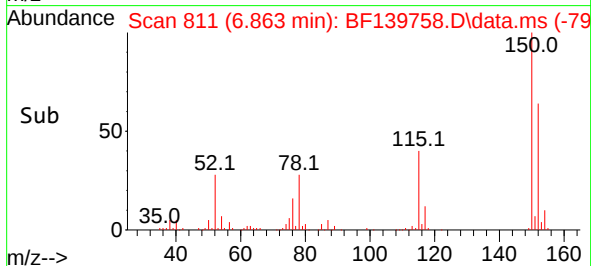
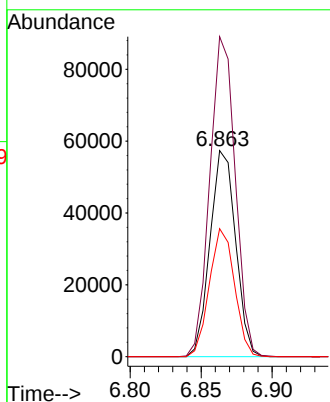


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

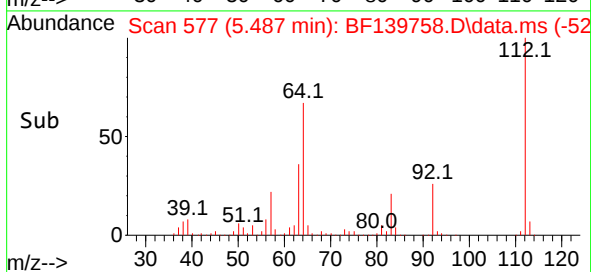
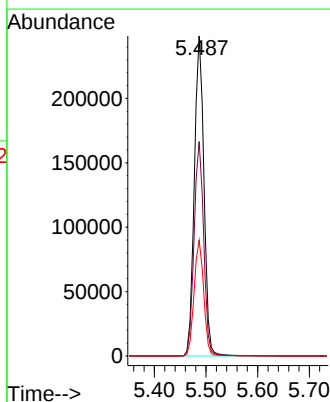
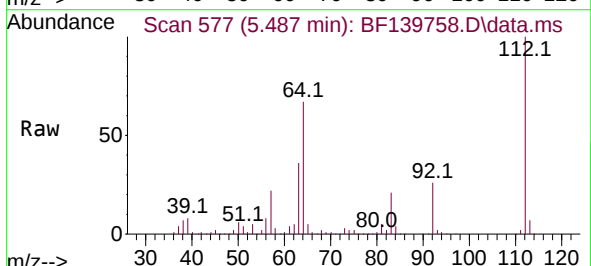


Tgt Ion:152 Resp: 71943
Ion Ratio Lower Upper
152 100
150 155.3 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 77.340 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

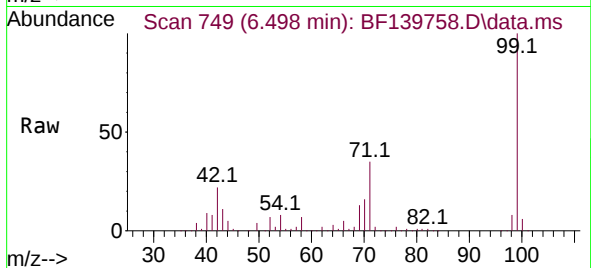
Tgt Ion:112 Resp: 321022
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.1 29.4 44.2



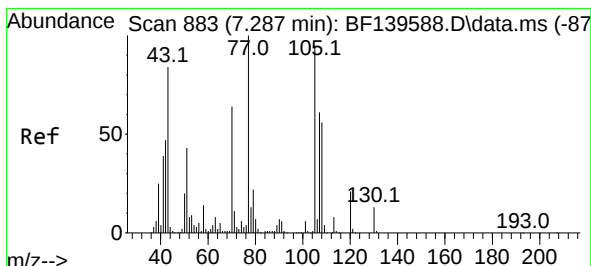
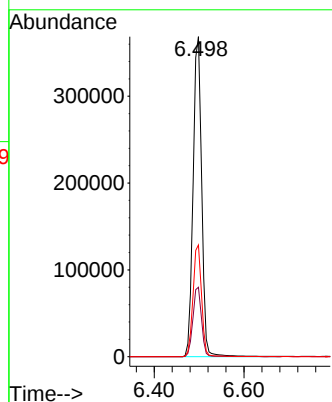
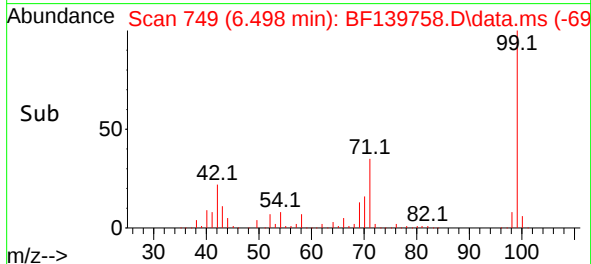


#7
Phenol-d6
Concen: 87.679 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

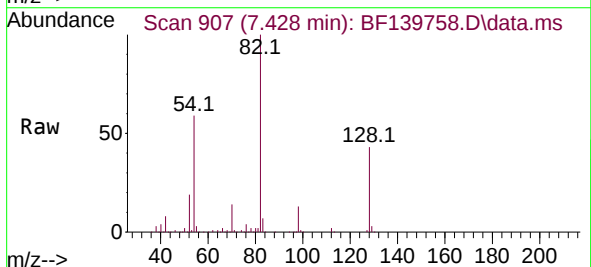
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11



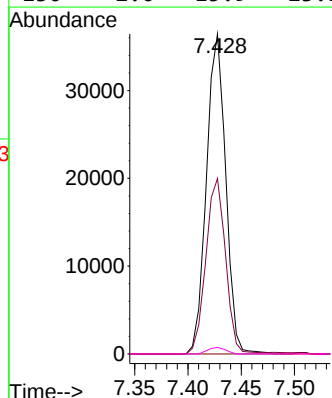
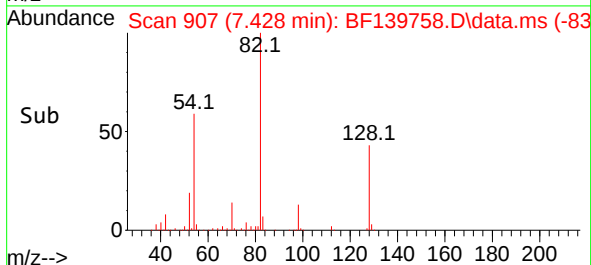
Tgt Ion: 99 Resp: 489417
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 34.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.781 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49



Tgt Ion: 70 Resp: 45867
Ion Ratio Lower Upper
70 100
42 54.9 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#



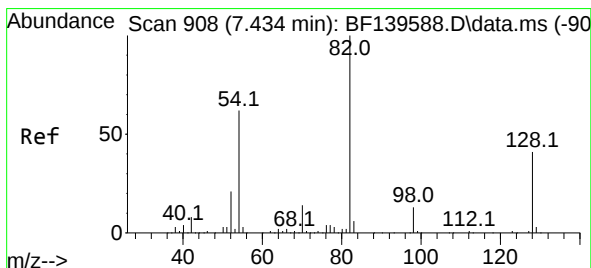
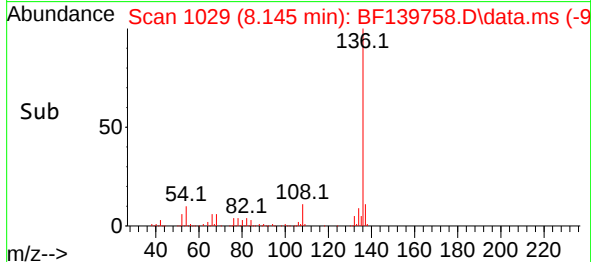
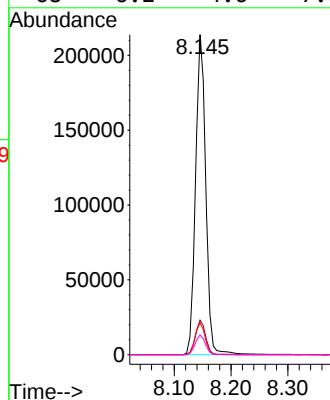
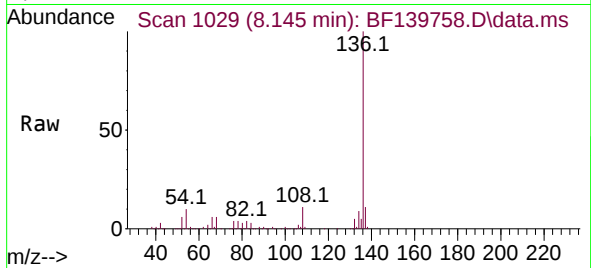


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

Tgt Ion:136 Resp: 268320

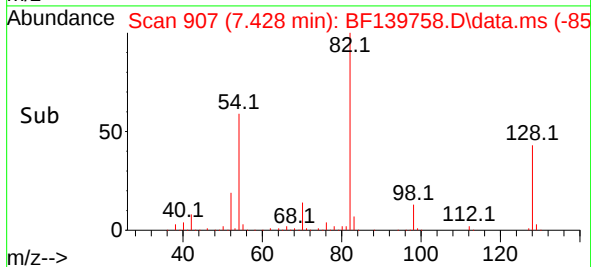
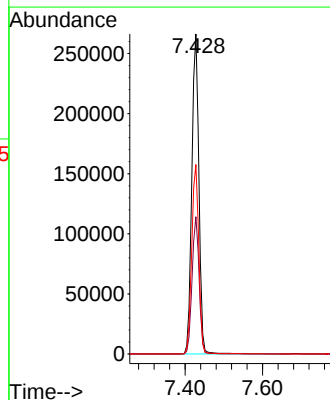
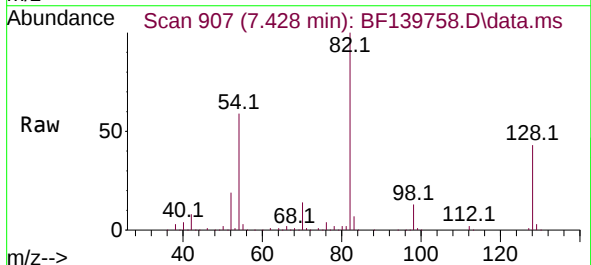
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.0	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 63.863 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Tgt Ion: 82 Resp: 338449

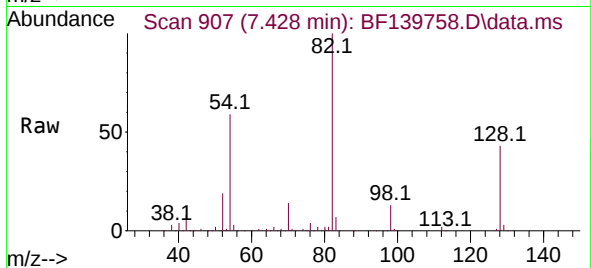
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.4	48.6
54	59.2	49.1	73.7



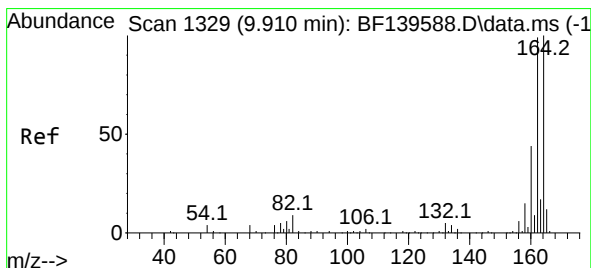
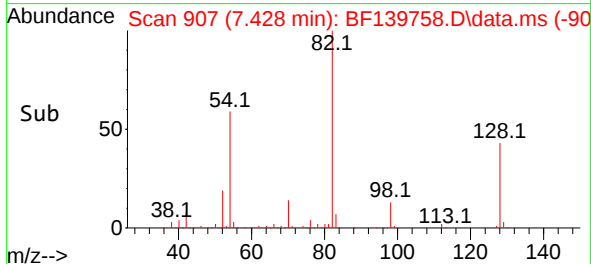
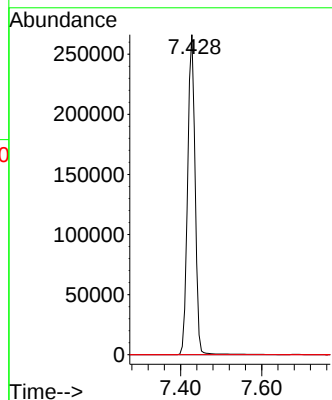


#25
Isophorone
Concen: 35.936 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

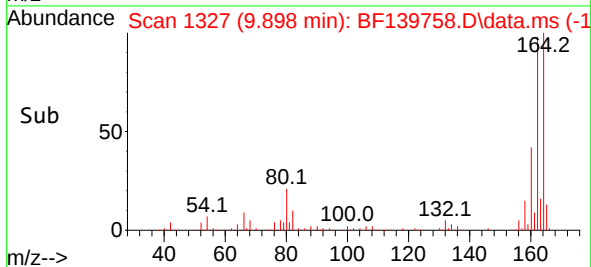
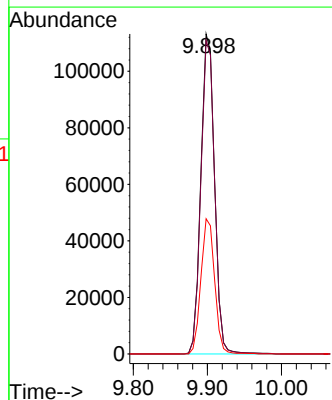
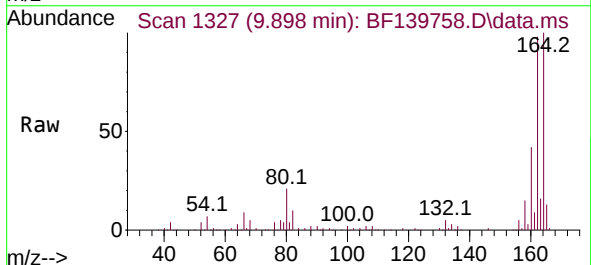


Tgt Ion: 82 Resp: 338256
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

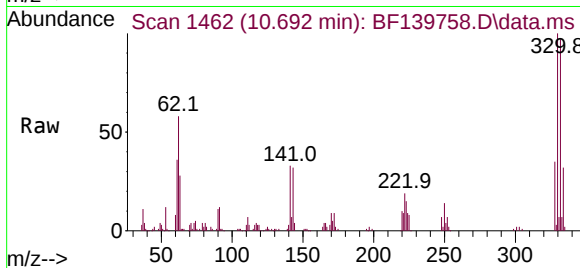
Tgt Ion: 164 Resp: 145044
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.0
160 42.3 35.1 52.7



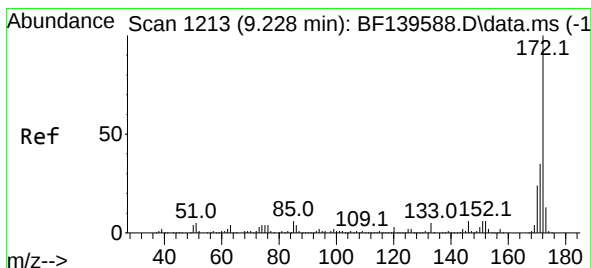
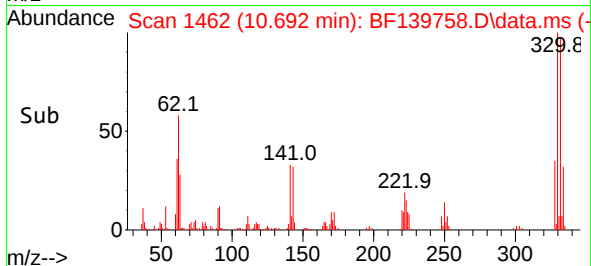
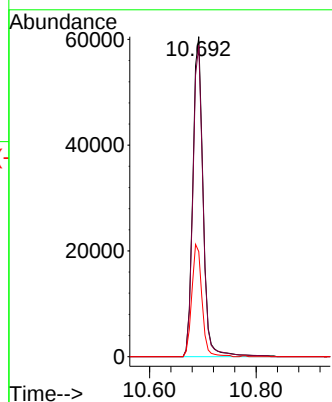


#42
2,4,6-Tribromophenol
Concen: 57.955 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

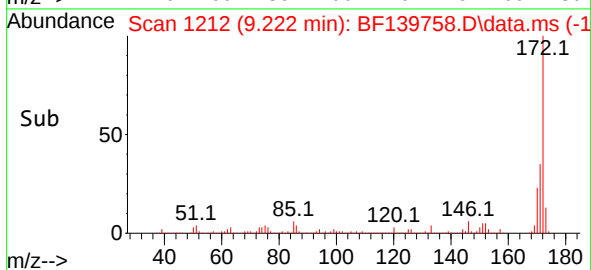
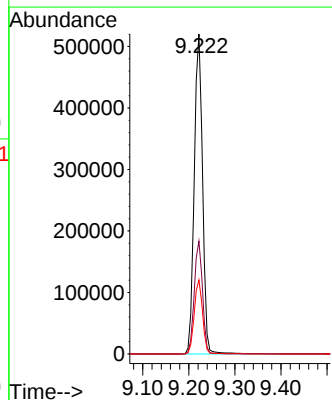
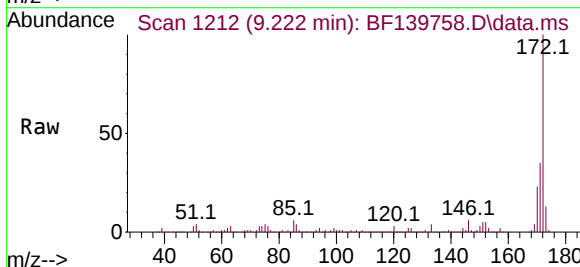


Tgt Ion:330 Resp: 81147
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.005 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Tgt Ion:172 Resp: 651961
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 18.8 28.2

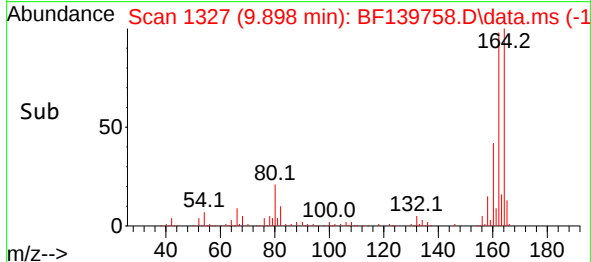
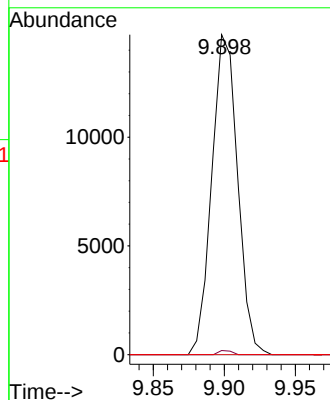
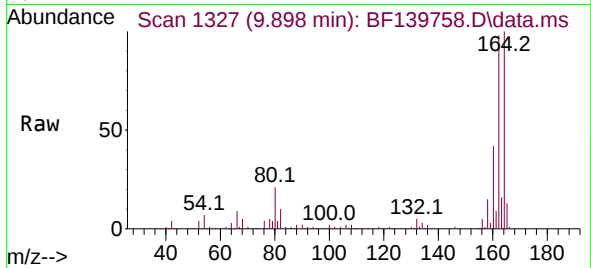




#51
2,6-Dinitrotoluene
Concen: 8.678 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

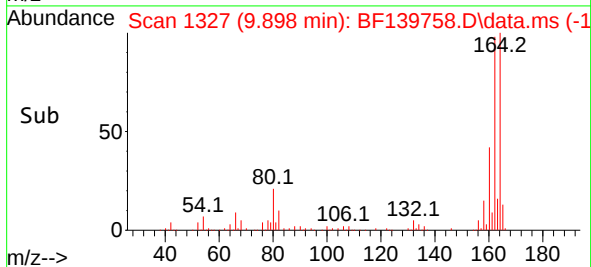
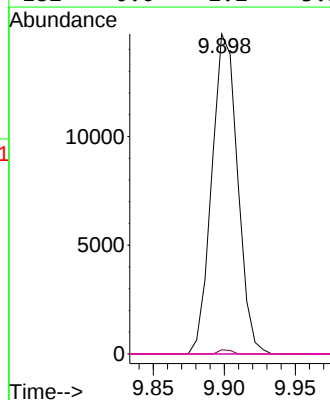
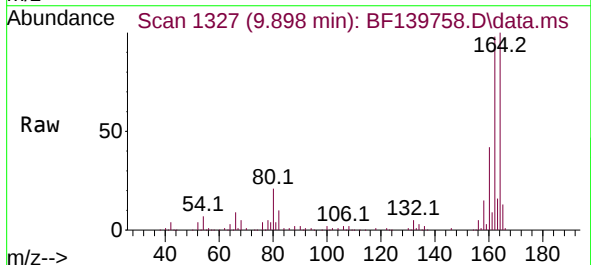
Instrument :
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CONCRETE-PADS-11

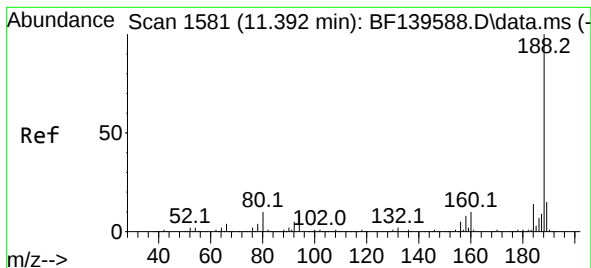
Tgt Ion:165 Resp: 18612
Ion Ratio Lower Upper
165 100
63 1.3 56.7 85.1#
89 0.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.639 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Tgt Ion:165 Resp: 18612
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 0.0 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: BF139758.D

Acq: 10 Oct 2024 20:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11

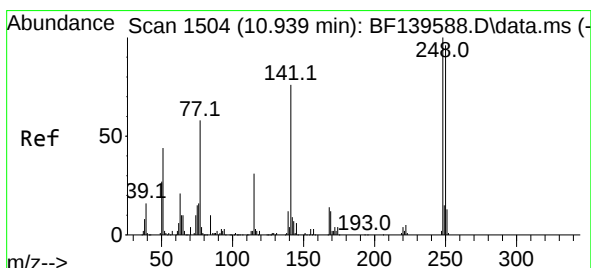
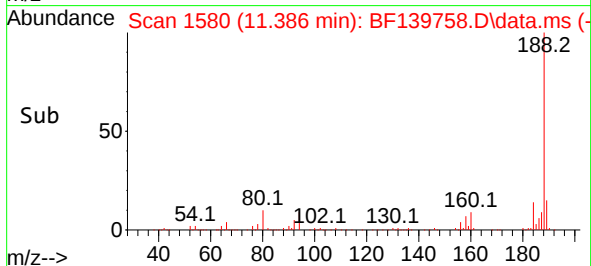
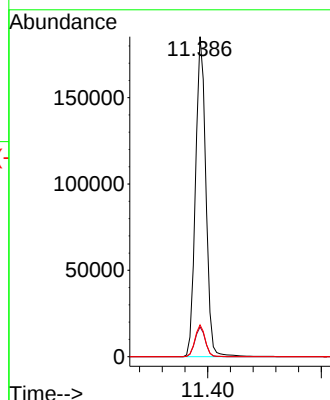
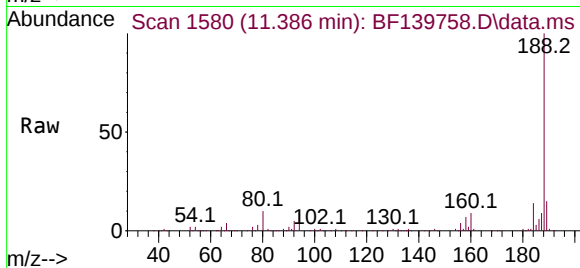
Tgt Ion:188 Resp: 235737

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.0 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.387 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139758.D

Acq: 10 Oct 2024 20:49

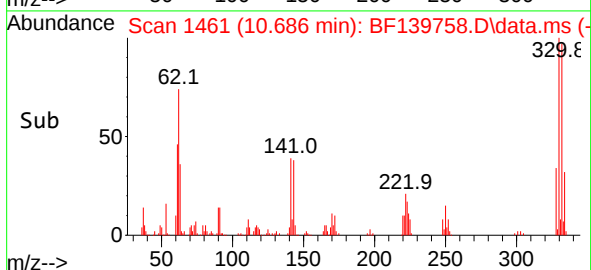
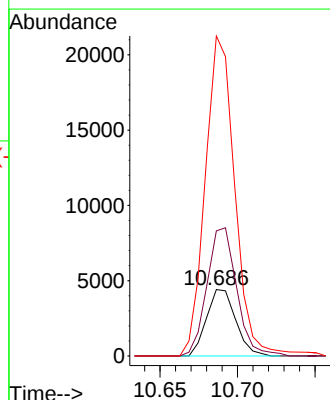
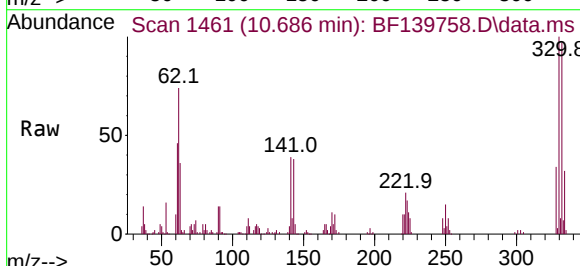
Tgt Ion:248 Resp: 5770

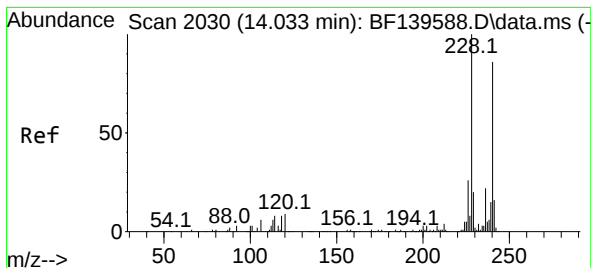
Ion Ratio Lower Upper

248 100

250 188.7 77.1 115.7#

141 482.3 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: BF139758.D

Acq: 10 Oct 2024 20:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11

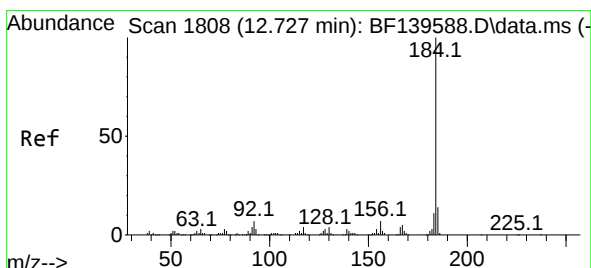
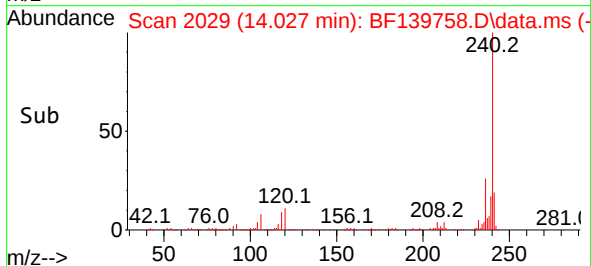
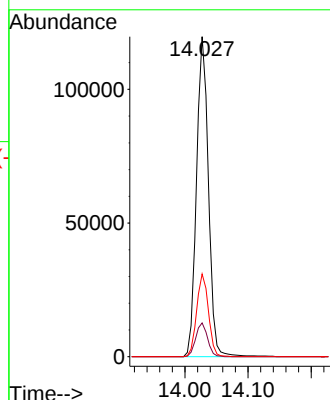
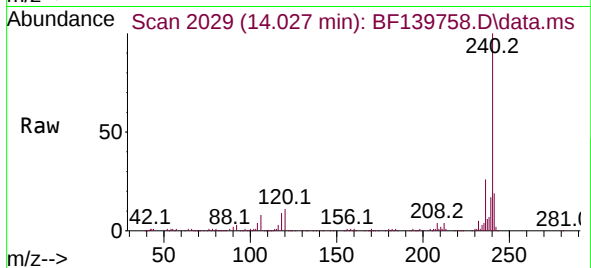
Tgt Ion:240 Resp: 156758

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.9 20.3 30.5



#77

Benzidine

Concen: 2.646 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139758.D

Acq: 10 Oct 2024 20:49

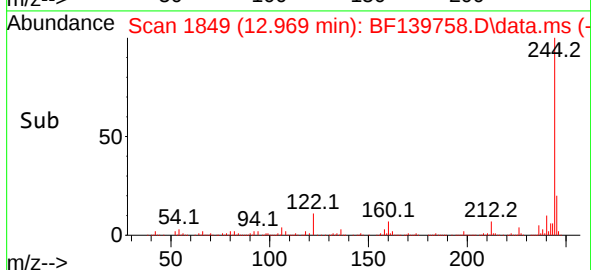
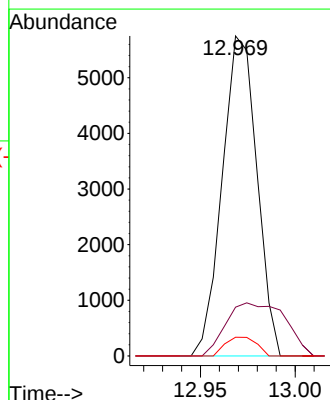
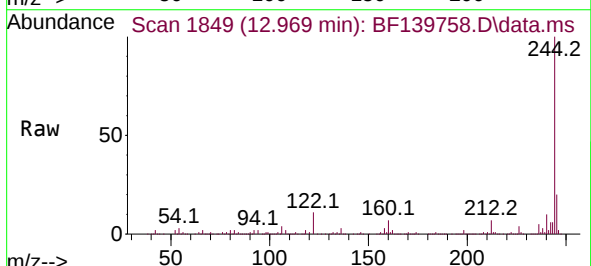
Tgt Ion:184 Resp: 7317

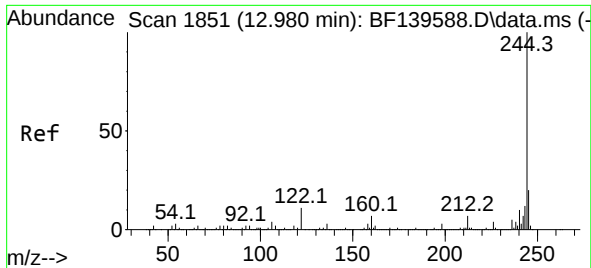
Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.0

183 5.8 8.8 13.2#

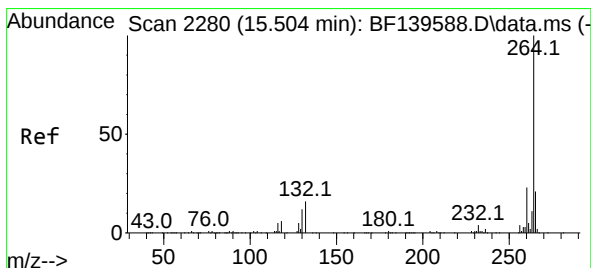
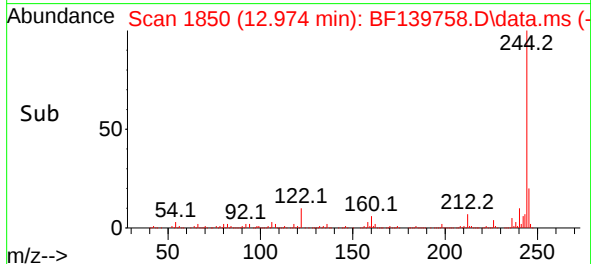
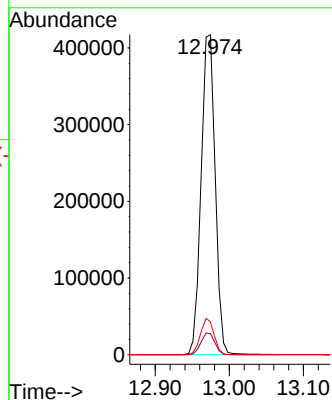
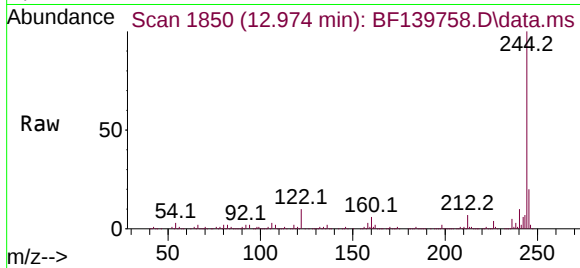




#79
Terphenyl-d14
Concen: 57.659 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

Tgt Ion:244 Resp: 550853
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139758.D
Acq: 10 Oct 2024 20:49

Tgt Ion:264 Resp: 165137
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.4 16.9 25.3

