

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139608.D
 Acq On : 02 Oct 2024 15:57
 Operator : RC/JU
 Sample : P4214-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1

Quant Time: Oct 02 16:26:17 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)

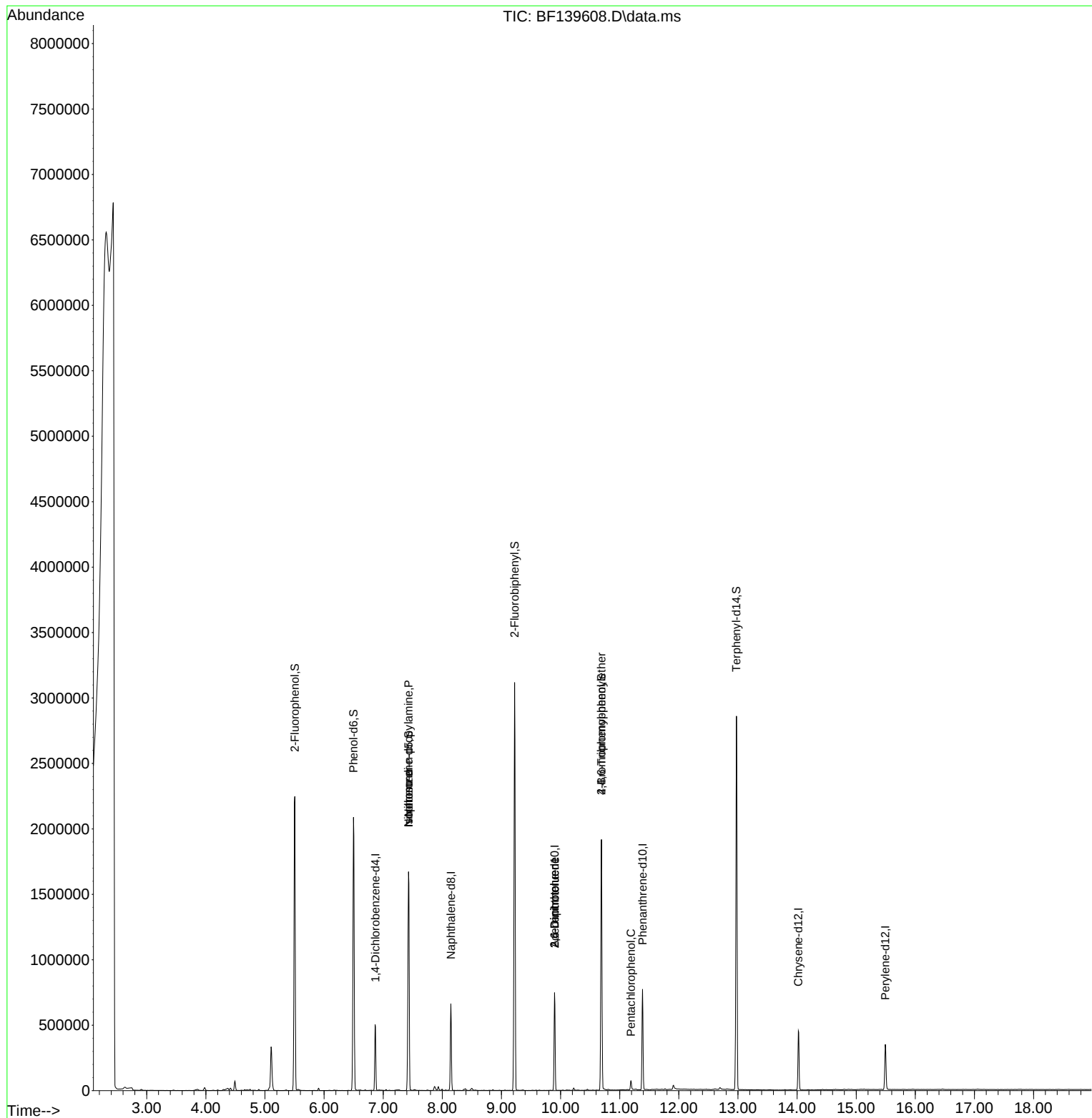
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	102779	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	386330	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	213822	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	392143	20.000	ng	0.00
76) Chrysene-d12	14.021	240	215468	20.000	ng	-0.01
86) Perylene-d12	15.492	264	197977	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	814276	137.318	ng	0.02
7) Phenol-d6	6.498	99	984979	123.518	ng	0.00
23) Nitrobenzene-d5	7.428	82	776458	101.758	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	307506	148.978	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1364978	98.002	ng	0.00
79) Terphenyl-d14	12.974	244	1410664	107.425	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	107739	21.015	ng	Qvalue
25) Isophorone	7.428	82	773639	57.085	ng	# 77
51) 2,6-Dinitrotoluene	9.898	165	27638	8.741	ng	# 66
57) 2,4-Dinitrotoluene	9.898	165	27638	6.687	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	20725	5.155	ng	# 17
70) Pentachlorophenol	11.192	266	11553	4.349	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

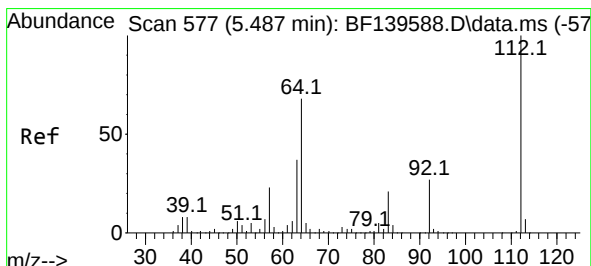
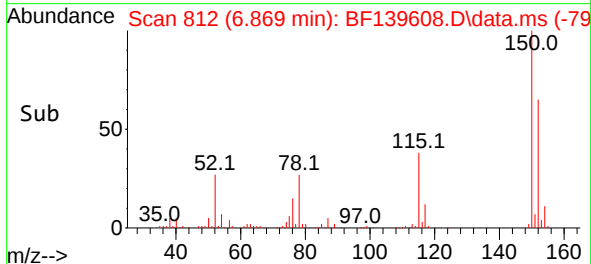
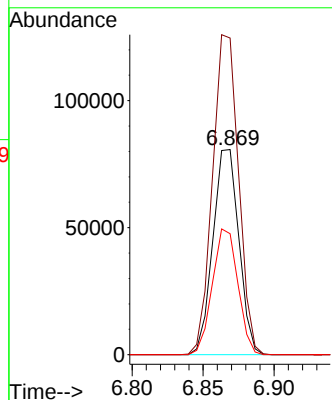
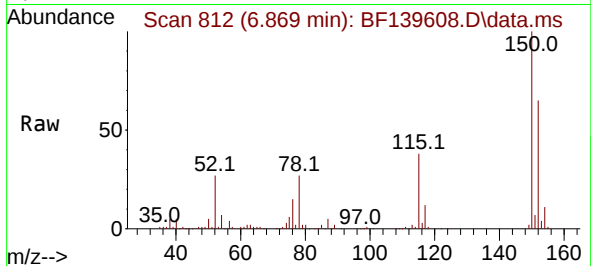




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

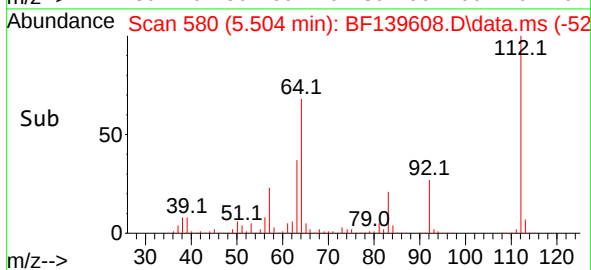
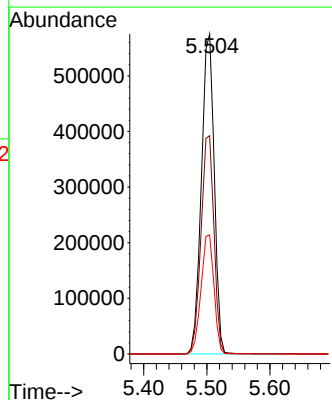
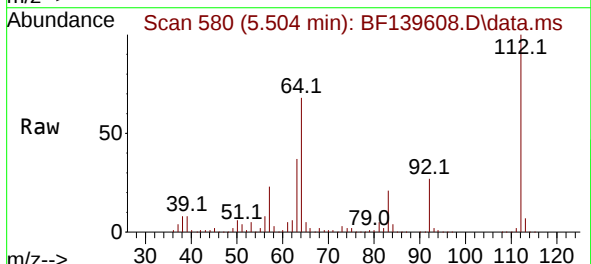
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Tgt Ion:152 Resp: 102779
Ion Ratio Lower Upper
152 100
150 154.3 127.2 190.8
115 59.0 49.0 73.4



#5
2-Fluorophenol
Concen: 137.318 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

Tgt Ion:112 Resp: 814276
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.2 29.4 44.2

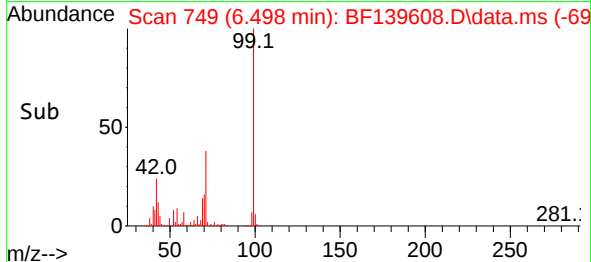
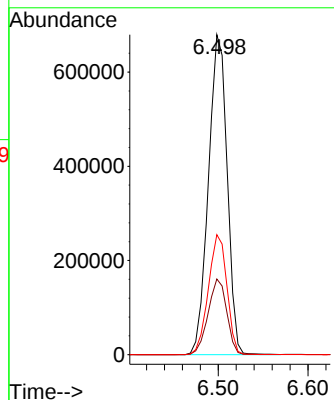
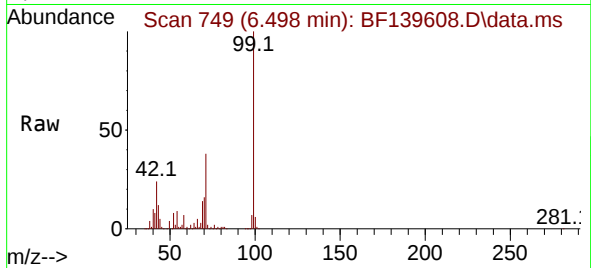




#7
Phenol-d6
Concen: 123.518 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

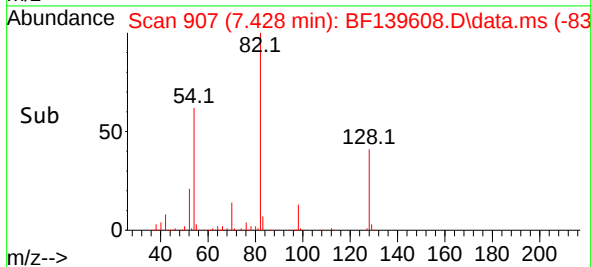
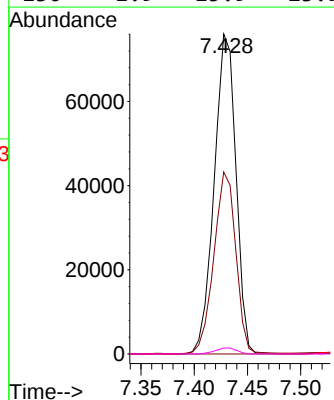
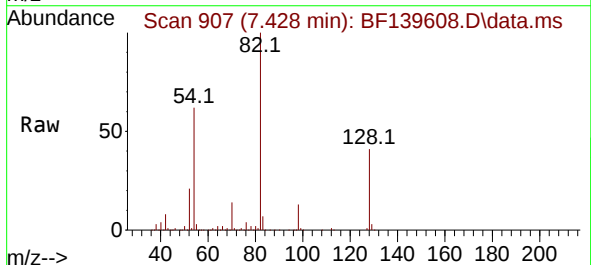
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Tgt Ion: 99 Resp: 984979
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.5 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.015 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

Tgt Ion: 70 Resp: 107739
Ion Ratio Lower Upper
70 100
42 56.8 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#

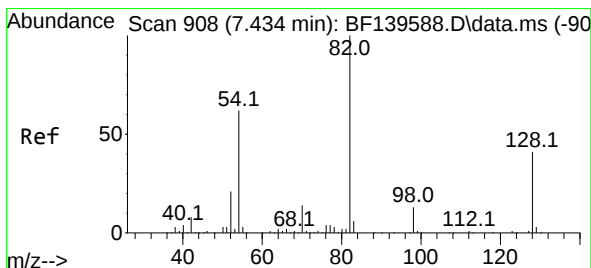
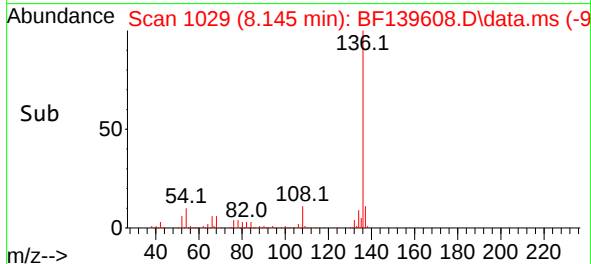
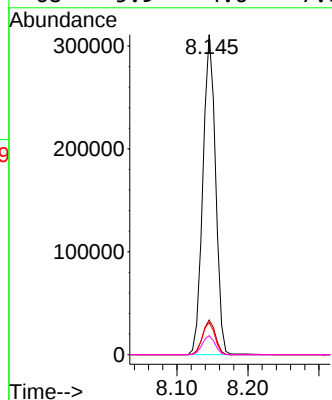
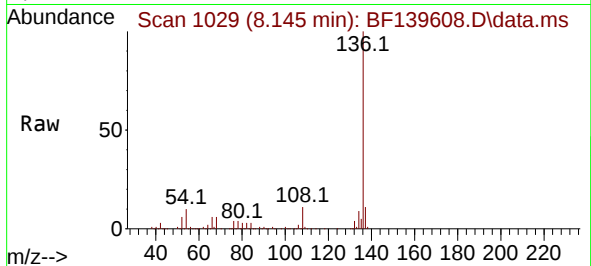




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

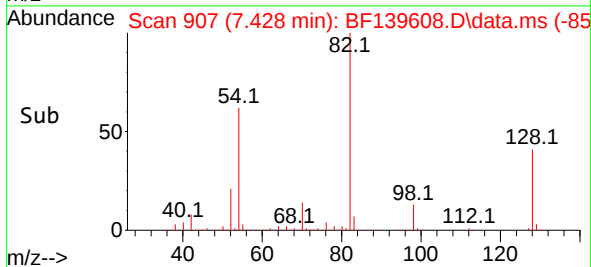
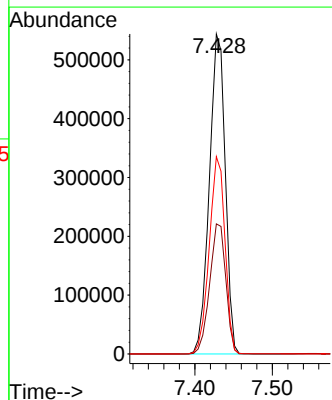
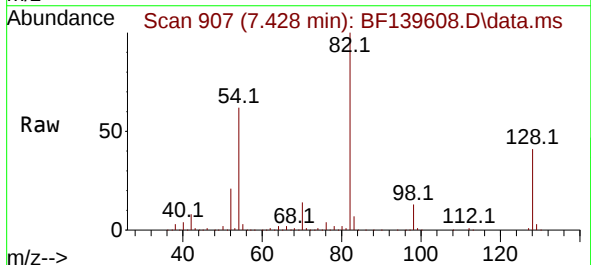
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Tgt Ion:	136	Resp:	386330
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.3	12.5
68	5.9	4.6	7.0



#23
Nitrobenzene-d5
Concen: 101.758 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

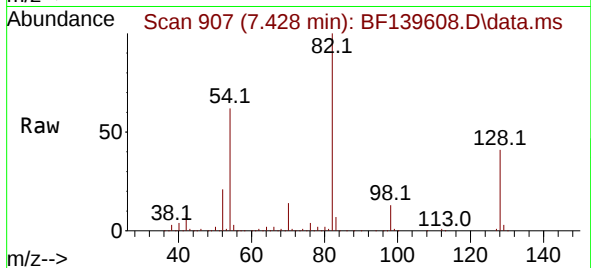
Tgt Ion:	82	Resp:	776458
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.4	48.6
54	61.7	49.1	73.7



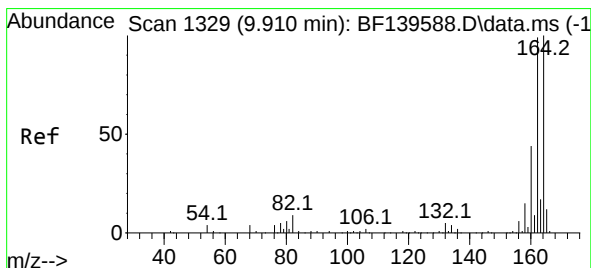
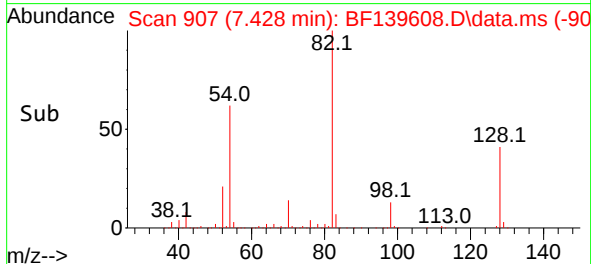
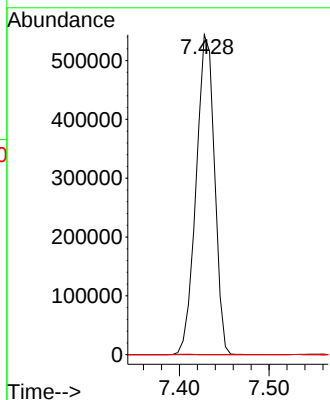


#25
Isophorone
Concen: 57.085 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

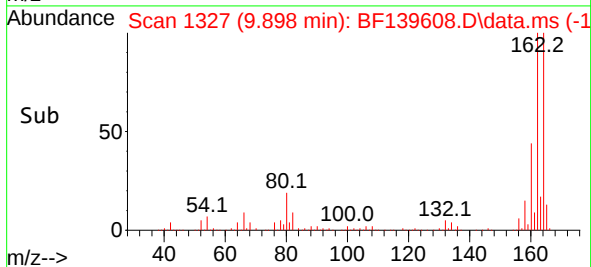
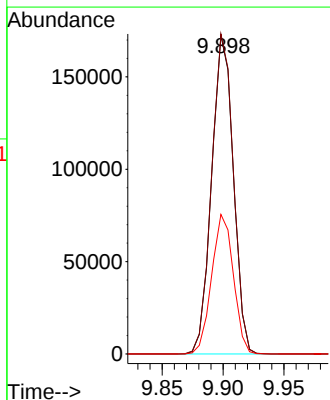
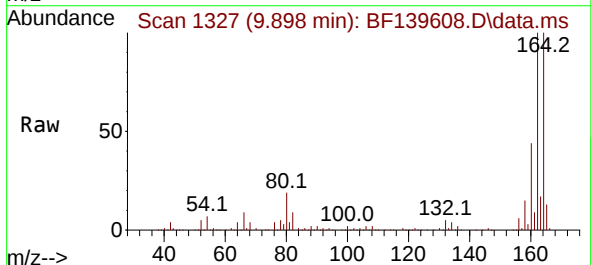


Tgt Ion: 82 Resp: 773639
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

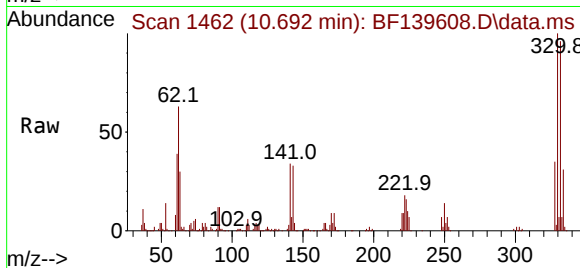
Tgt Ion:164 Resp: 213822
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 43.8 35.1 52.7



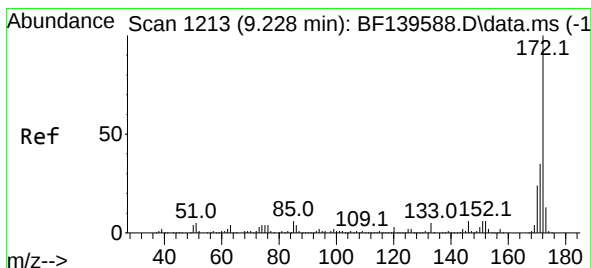
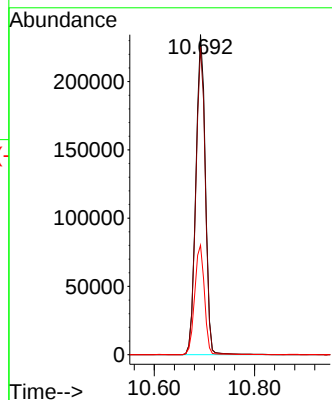
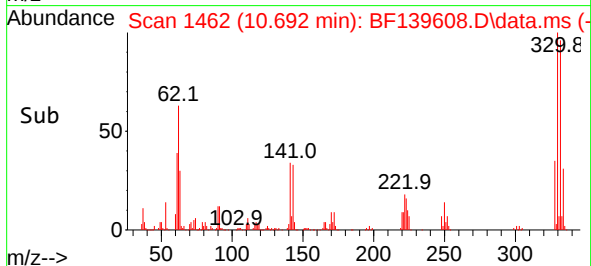


#42
2,4,6-Tribromophenol
Concen: 148.978 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

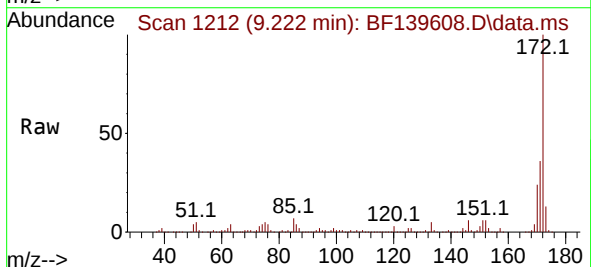
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1



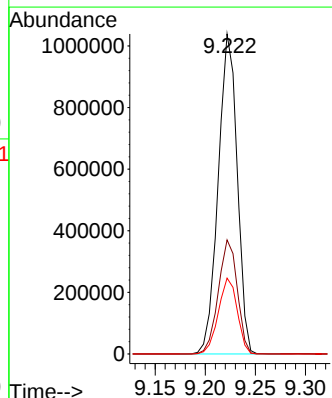
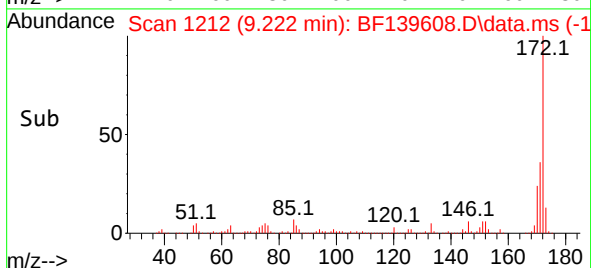
Tgt Ion: 330 Resp: 307506
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 98.002 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57



Tgt Ion: 172 Resp: 1364978
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.7 18.8 28.2

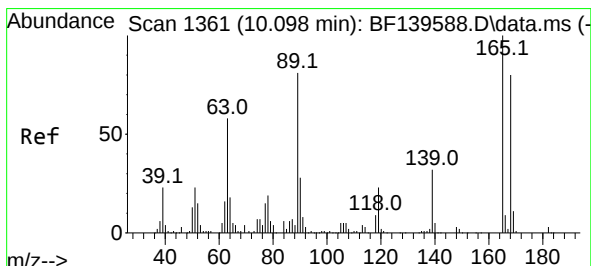
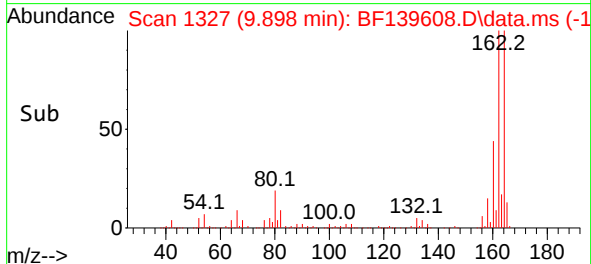
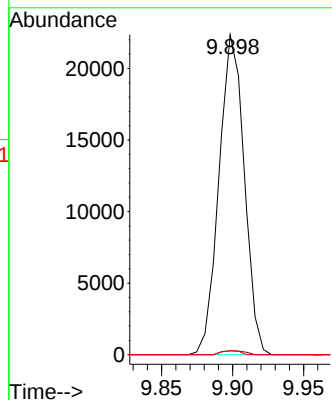
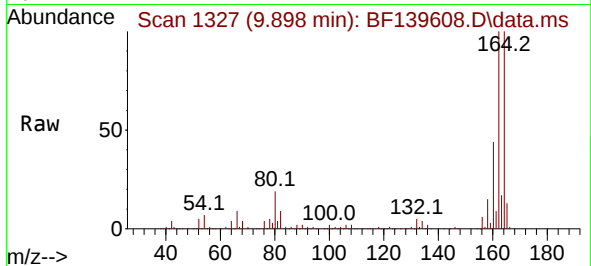




#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

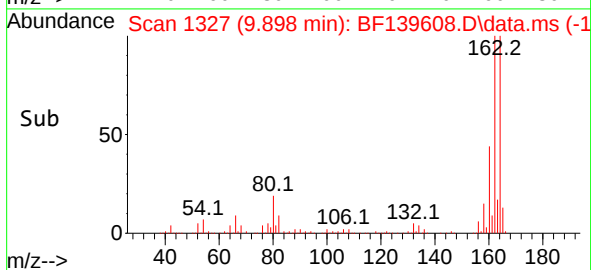
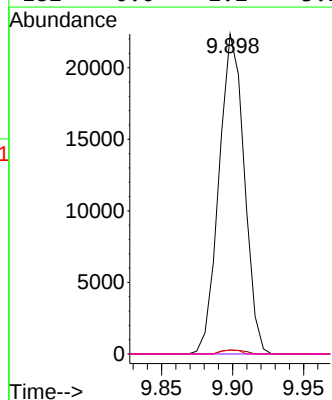
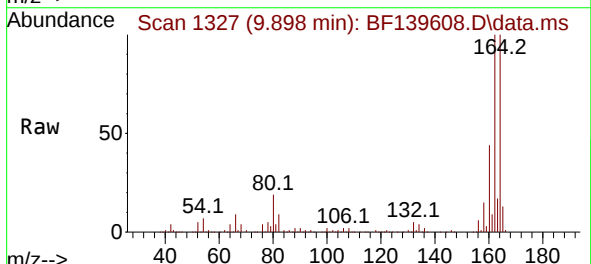
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

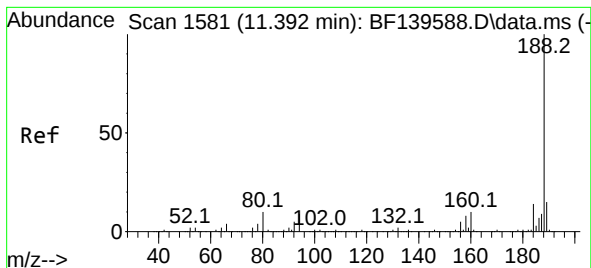
Tgt Ion:165 Resp: 27638
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139608.D
Acq: 02 Oct 2024 15:57

Tgt Ion:165 Resp: 27638
Ion Ratio Lower Upper
165 100
63 1.2 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# 1

Delta R.T. -0.006 min

Lab File: BF139608.D

Acq: 02 Oct 2024 15:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1

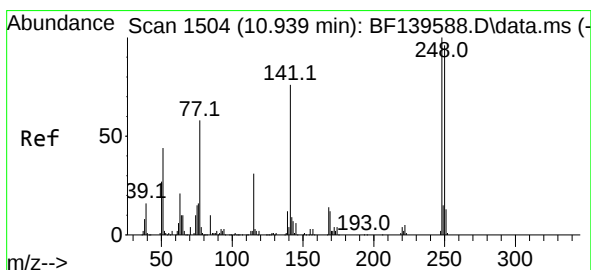
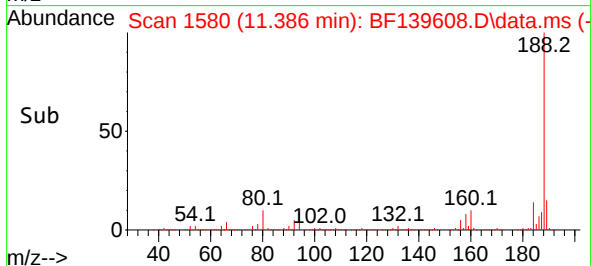
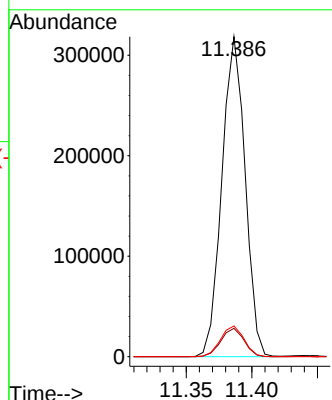
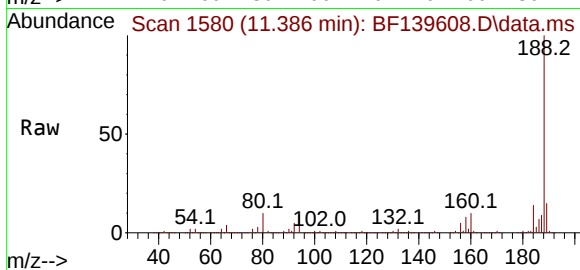
Tgt Ion:188 Resp: 392143

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.6 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 5.155 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139608.D

Acq: 02 Oct 2024 15:57

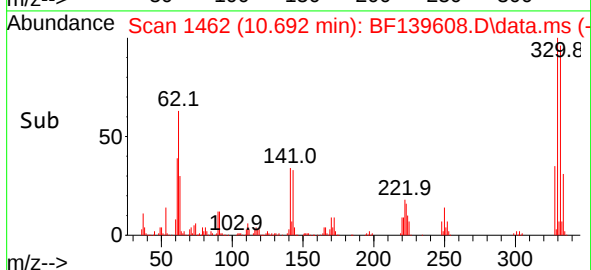
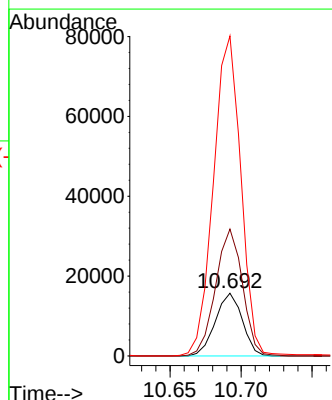
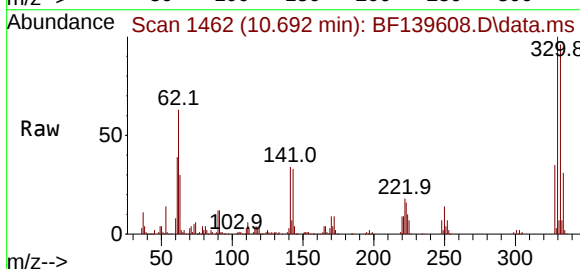
Tgt Ion:248 Resp: 20725

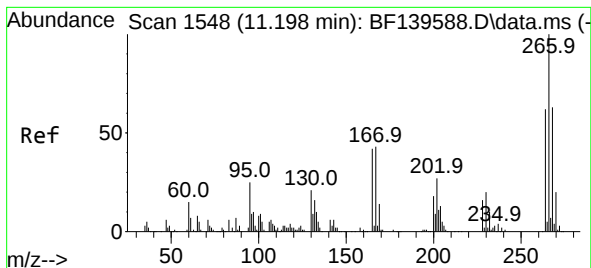
Ion Ratio Lower Upper

248 100

250 202.2 77.1 115.7#

141 509.9 60.4 90.6#





#70

Pentachlorophenol

Concen: 4.349 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139608.D

Acq: 02 Oct 2024 15:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1

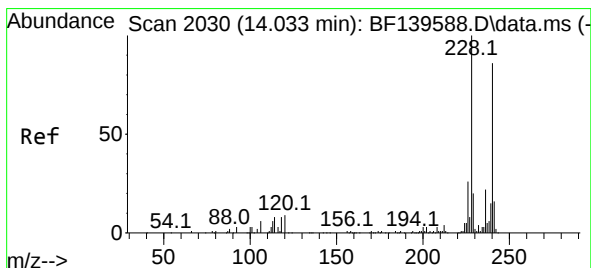
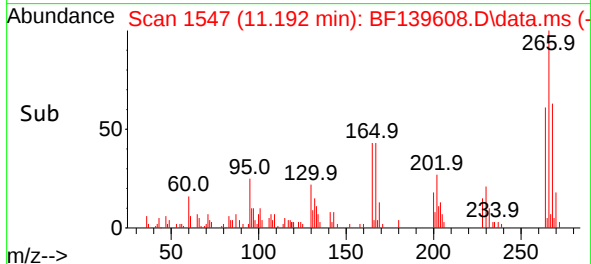
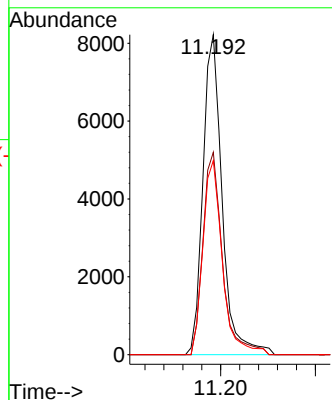
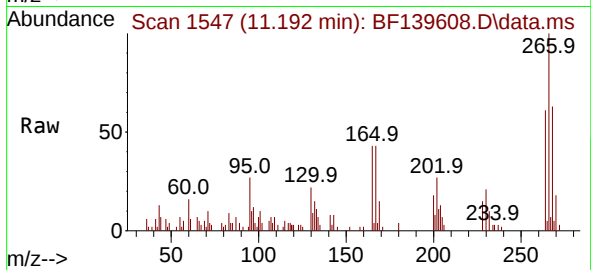
Tgt Ion:266 Resp: 11553

Ion Ratio Lower Upper

266 100

268 63.2 50.0 75.0

264 60.6 49.3 73.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139608.D

Acq: 02 Oct 2024 15:57

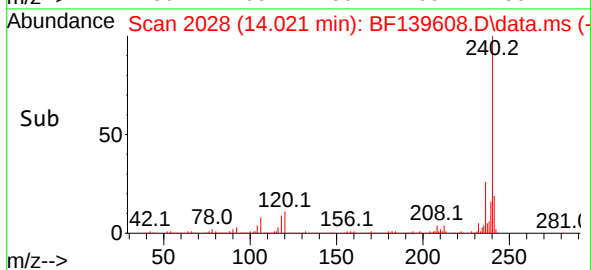
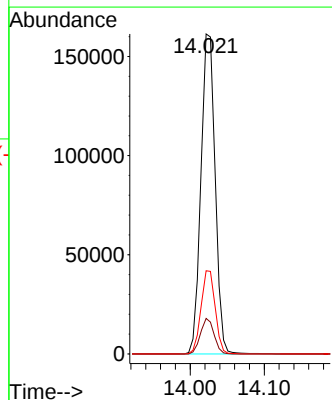
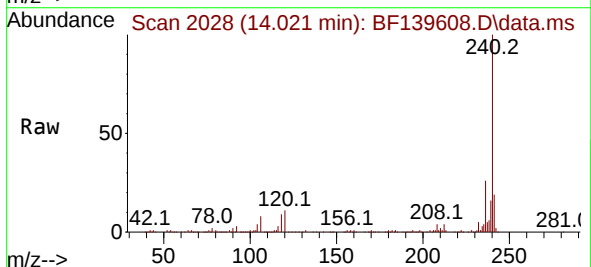
Tgt Ion:240 Resp: 215468

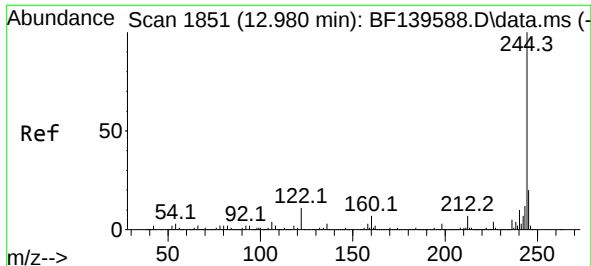
Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

236 26.0 20.3 30.5

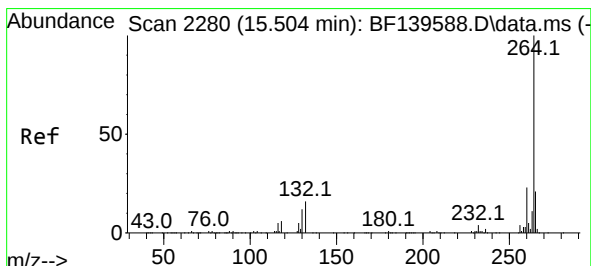
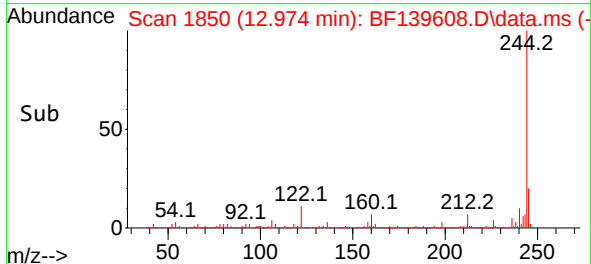
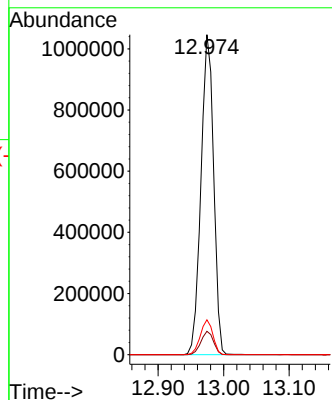
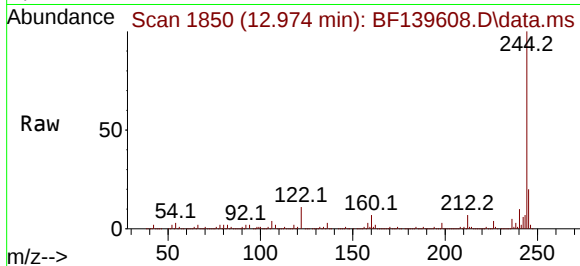




#79
 Terphenyl-d14
 Concen: 107.425 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139608.D
 Acq: 02 Oct 2024 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1

Tgt Ion:244 Resp: 1410664
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139608.D
 Acq: 02 Oct 2024 15:57

Tgt Ion:264 Resp: 197977
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 16.9 25.3

