

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125160.D
 Acq On : 23 Aug 2021 18:01
 Operator : JU/CG
 Sample : M3468-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11-(647.00)

Quant Time: Aug 24 04:47:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

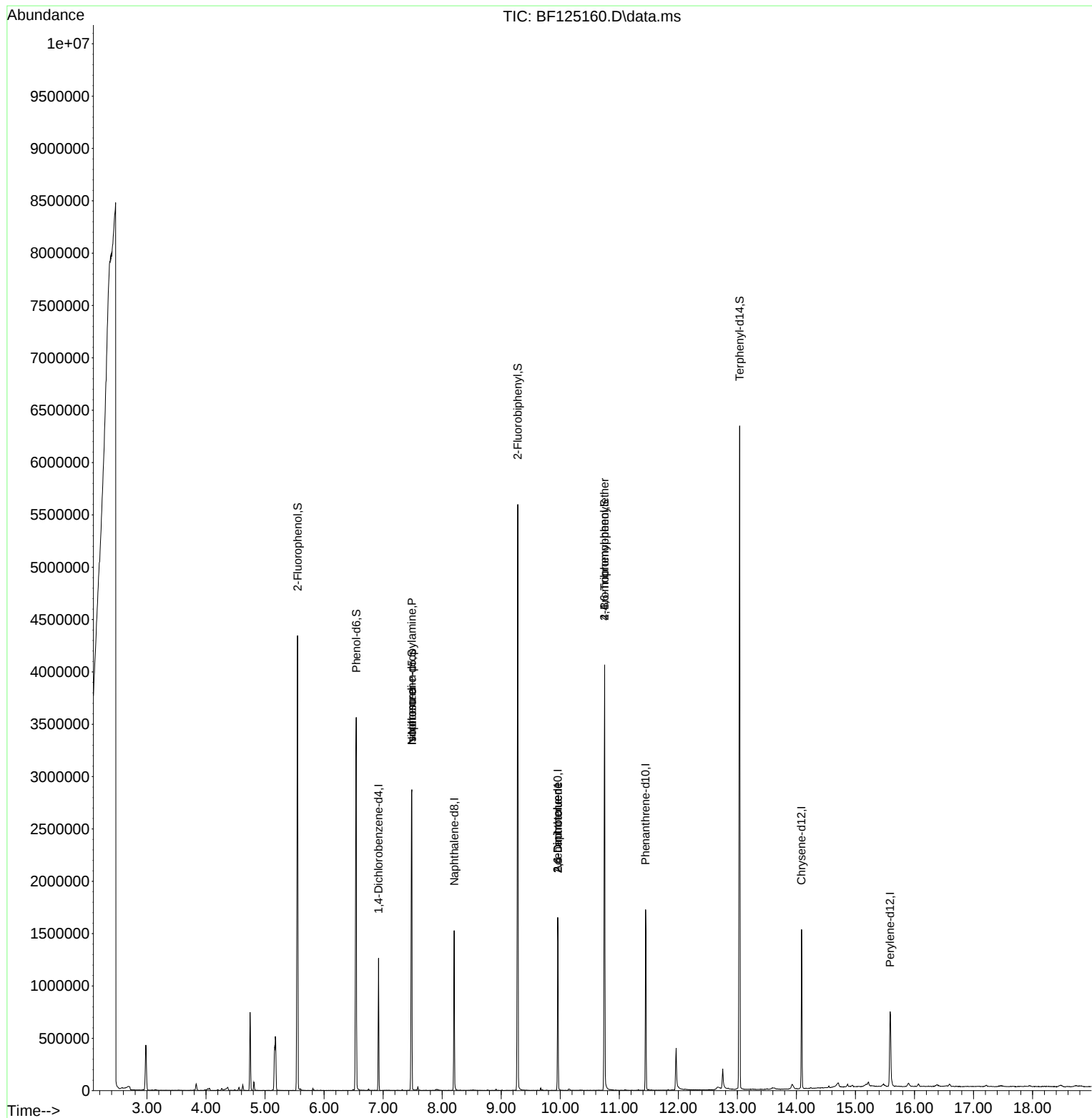
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	154080	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	609039	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	331421	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	648834	20.000	ng	0.00
76) Chrysene-d12	14.086	240	501747	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	377032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1067216	104.838	ng	0.01
7) Phenol-d6	6.545	99	1196870	90.909	ng	0.00
23) Nitrobenzene-d5	7.486	82	999769	82.642	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	509339	153.957	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1742704	73.286	ng	0.00
79) Terphenyl-d14	13.039	244	2394276	76.020	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	137288	17.337	ng	# 59
25) Isophorone	7.486	82	999760	42.839	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	44578	8.951	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	44578	7.396	ng	# 19
67) 4-Bromophenyl-phenylether	10.751	248	31806	4.082	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 : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

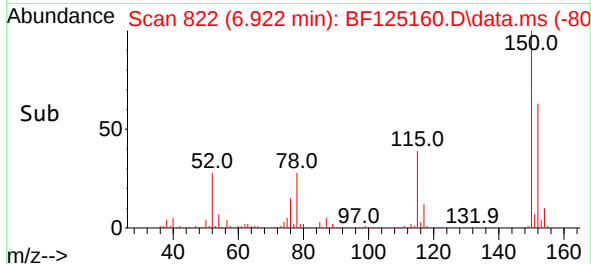
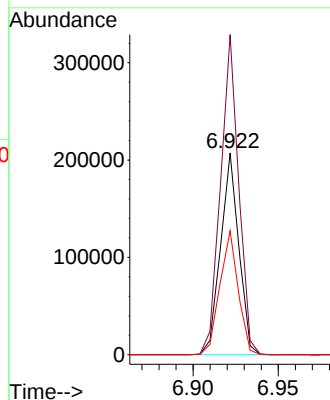
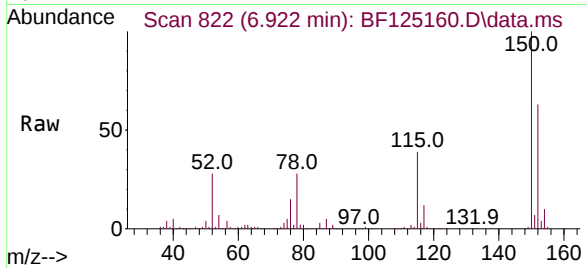




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

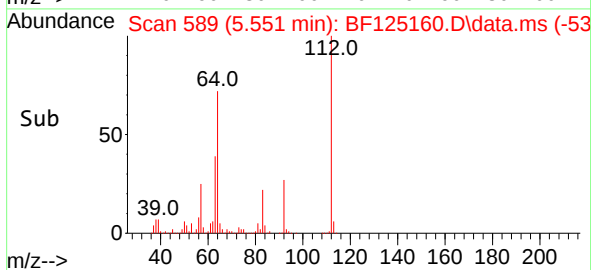
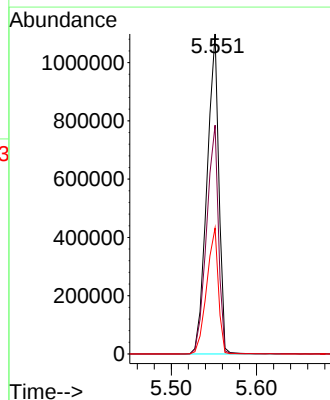
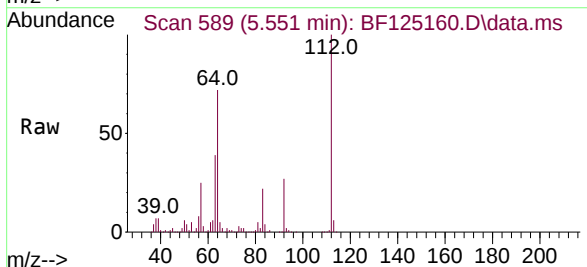
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

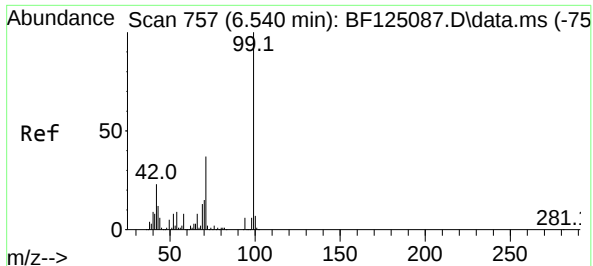
Tgt Ion:152 Resp: 154080
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 104.838 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:112 Resp: 1067216
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 39.4 26.2 39.2#

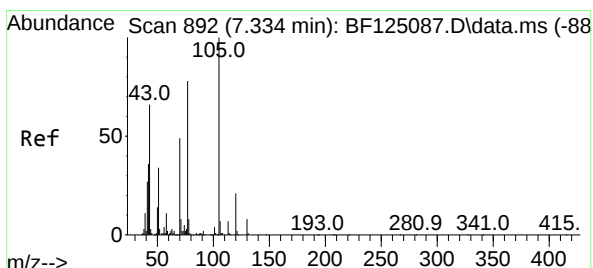
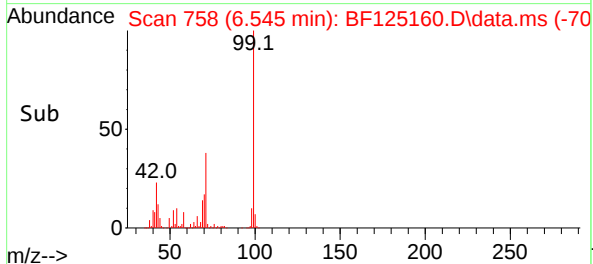
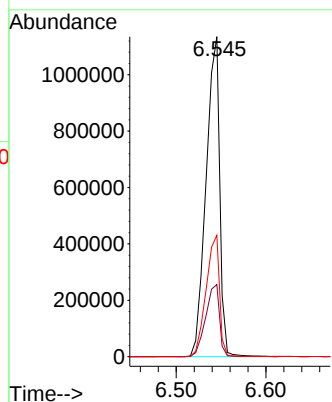
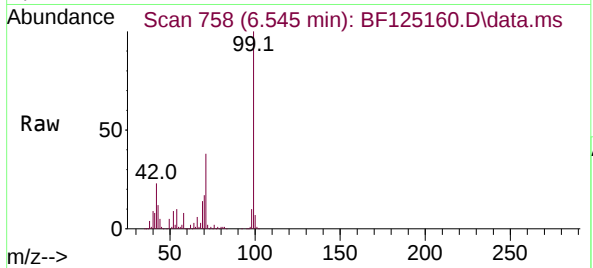




#7
Phenol-d6
Concen: 90.909 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

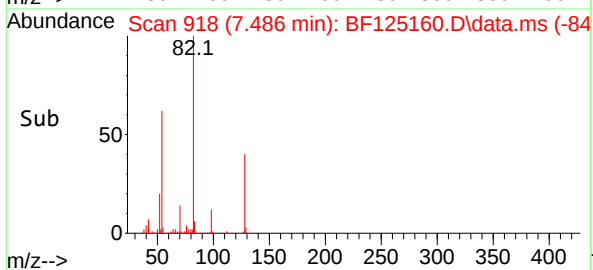
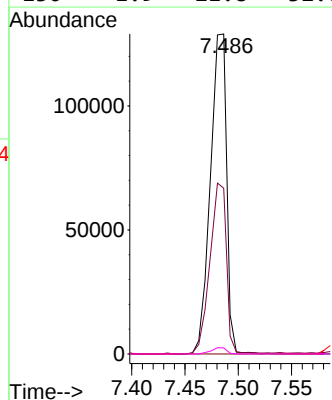
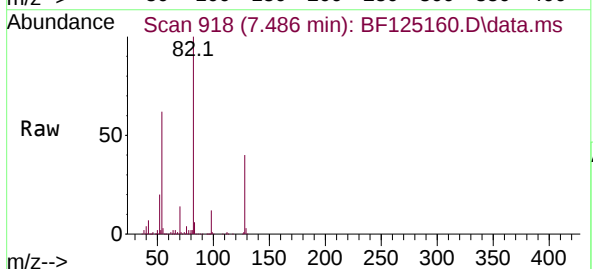
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

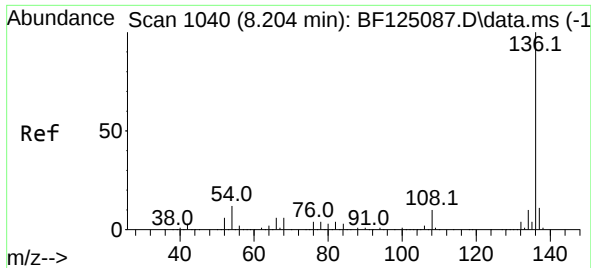
Tgt Ion: 99 Resp: 1196870
Ion Ratio Lower Upper
99 100
42 22.5 23.5 35.3#
71 37.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.337 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion: 70 Resp: 137288
Ion Ratio Lower Upper
70 100
42 51.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

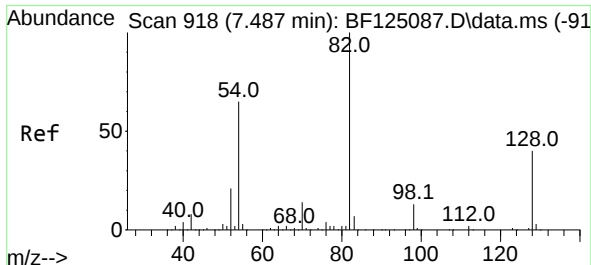
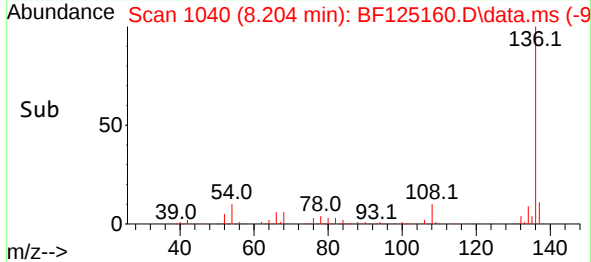
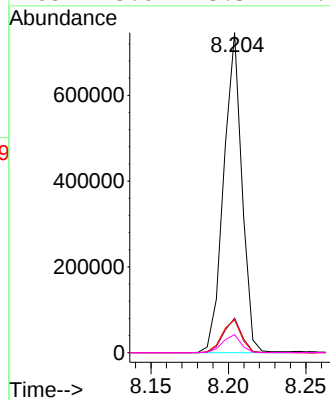
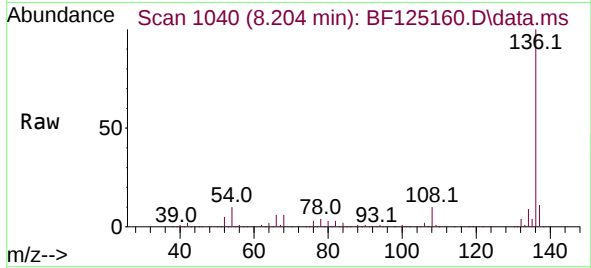




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

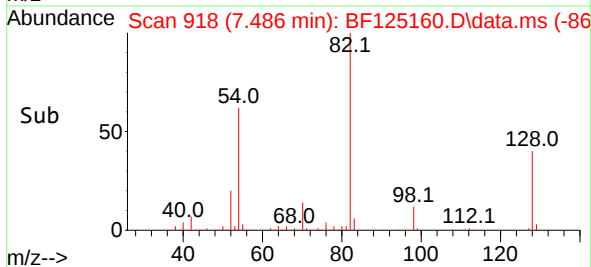
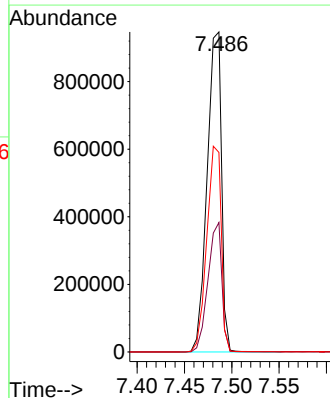
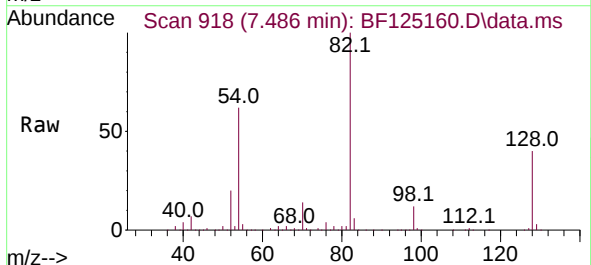
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

Tgt Ion:	136	Resp:	609039
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	10.3	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 82.642 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:	82	Resp:	999769
Ion Ratio	Lower	Upper	
82	100		
128	40.4	40.6	60.8#
54	62.3	49.6	74.4

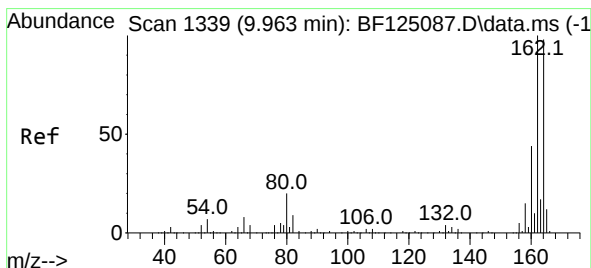
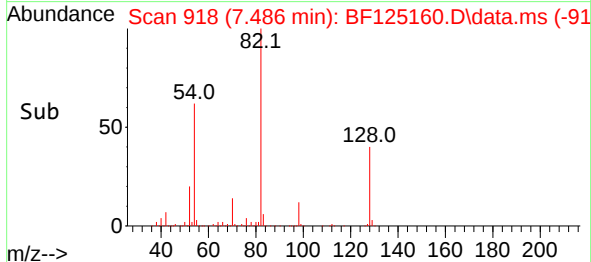
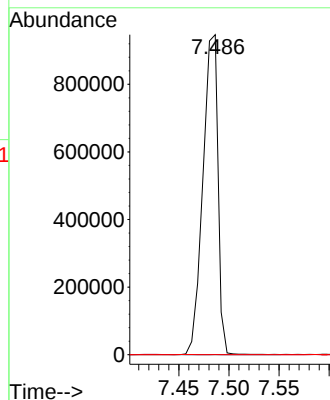
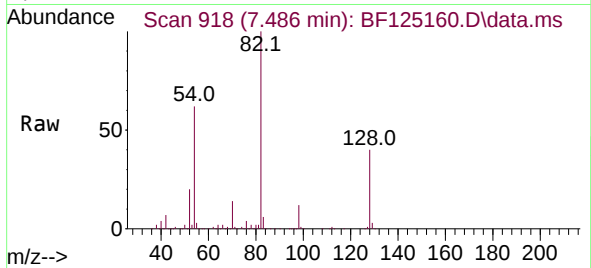




#25
Isophorone
Concen: 42.839 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.259 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

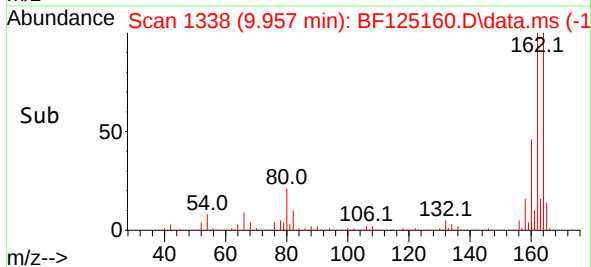
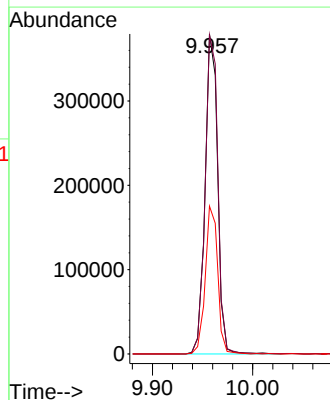
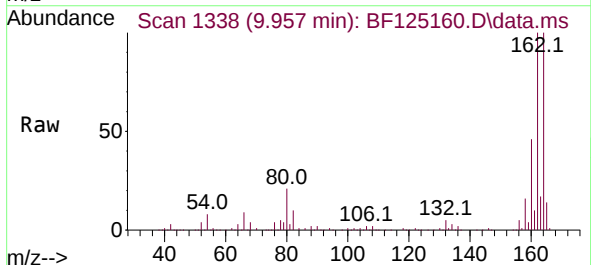
Instrument :
BNA_F
ClientSampleId :
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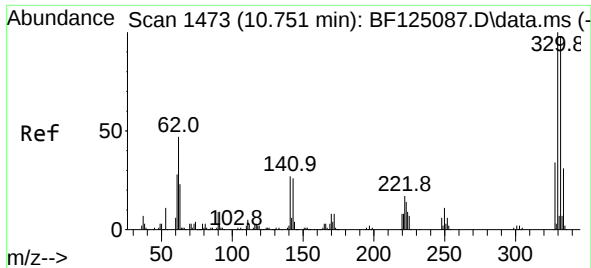
Tgt Ion: 82 Resp: 999760
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion: 164 Resp: 331421
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 46.2 38.0 57.0

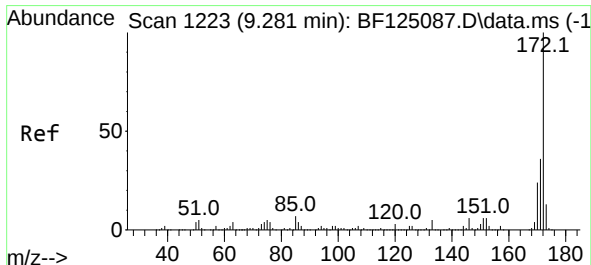
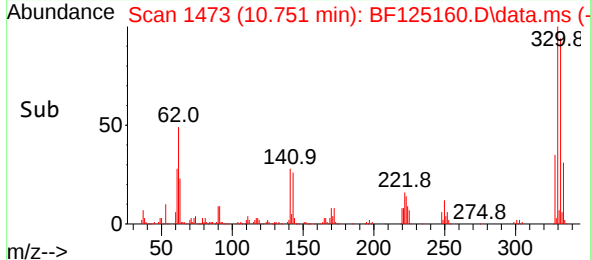
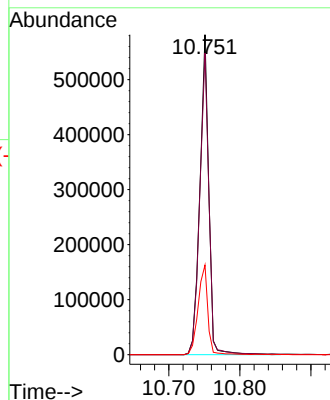
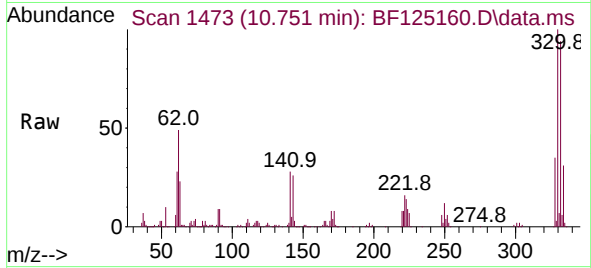




#42
2,4,6-Tribromophenol
Concen: 153.957 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

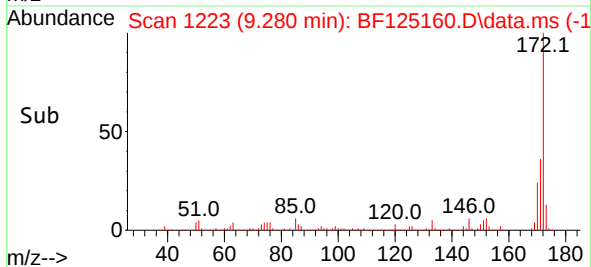
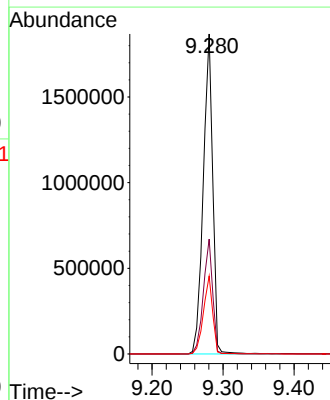
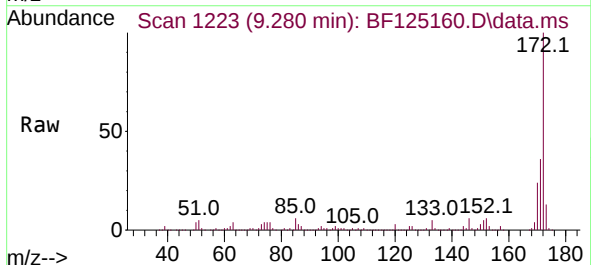
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

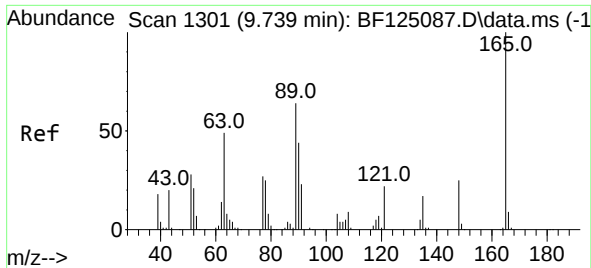
Tgt Ion:330 Resp: 509339
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 30.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.286 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:172 Resp: 1742704
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.3 18.8 28.2

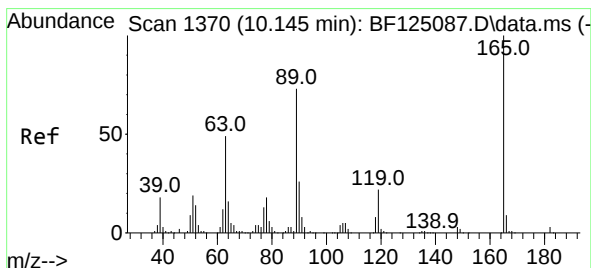
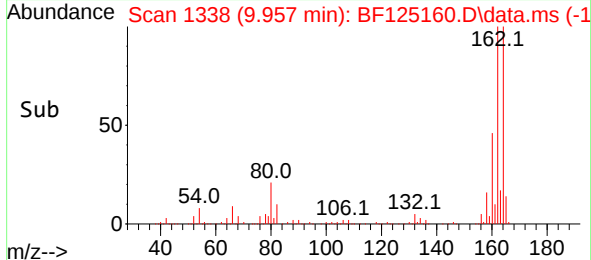
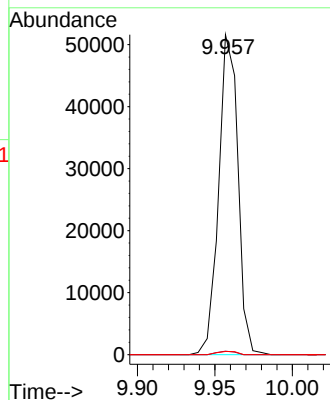
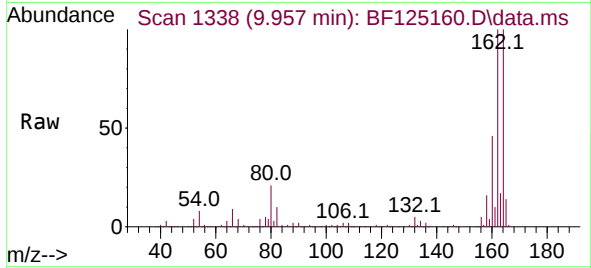




#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

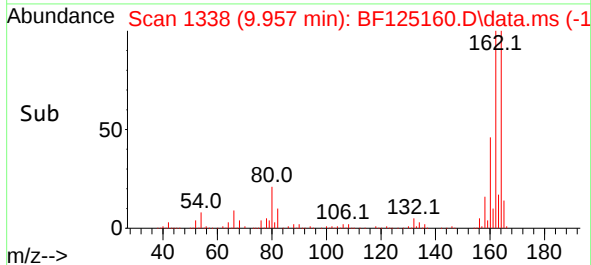
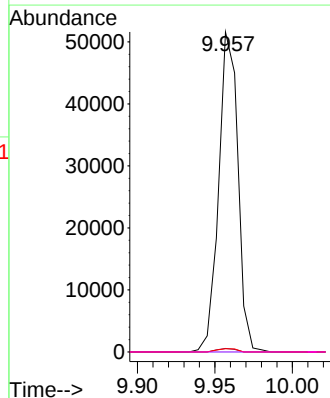
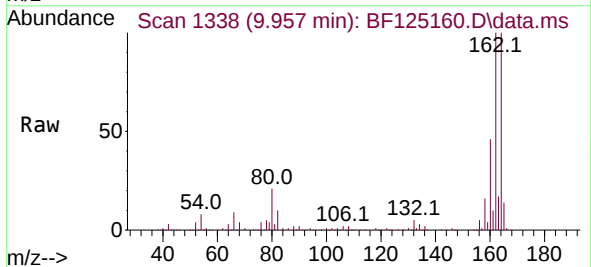
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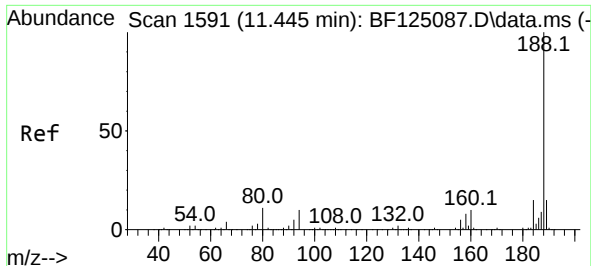
Tgt Ion:165 Resp: 44578
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:165 Resp: 44578
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

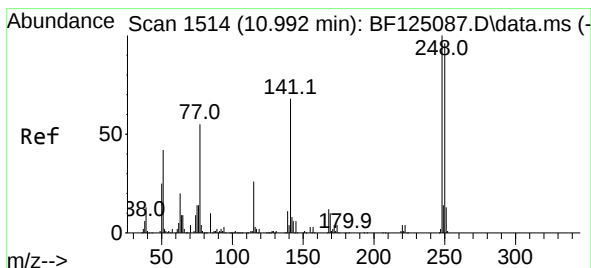
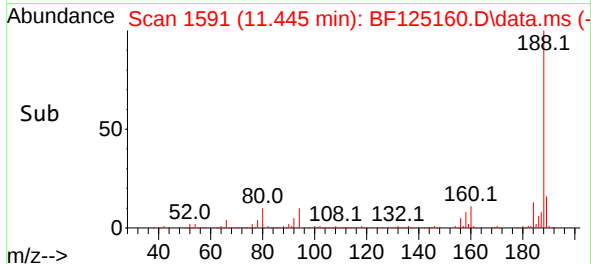
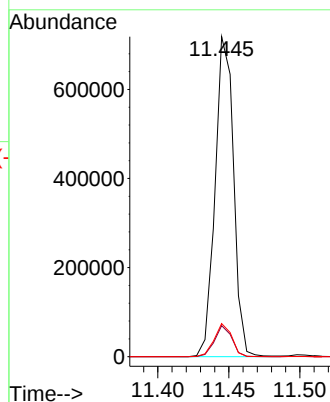
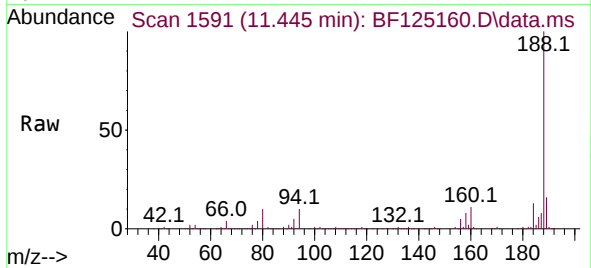




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

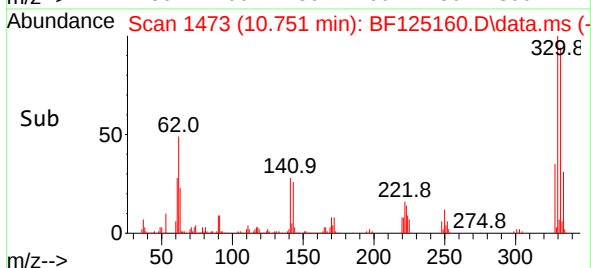
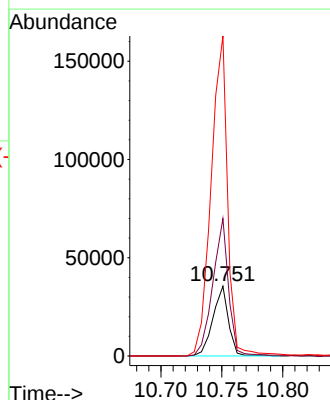
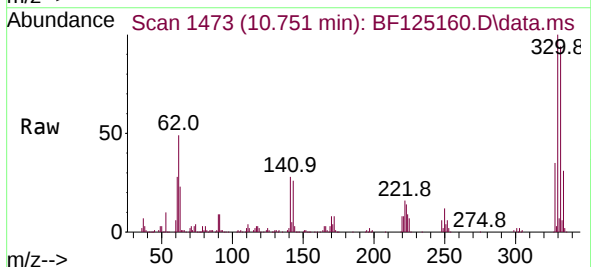
Instrument :
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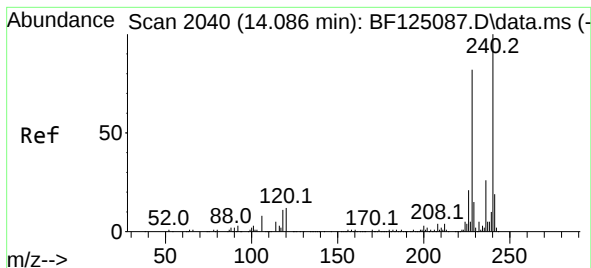
Tgt Ion:188 Resp: 648834
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.082 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:248 Resp: 31806
Ion Ratio Lower Upper
248 100
250 196.9 74.2 111.4#
141 458.1 60.4 90.6#

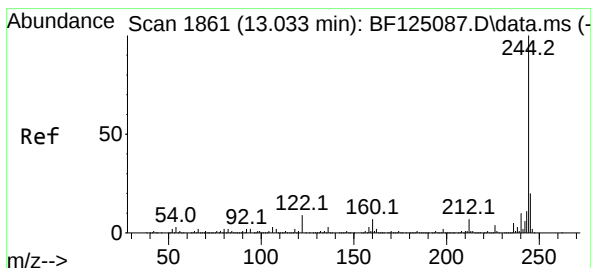
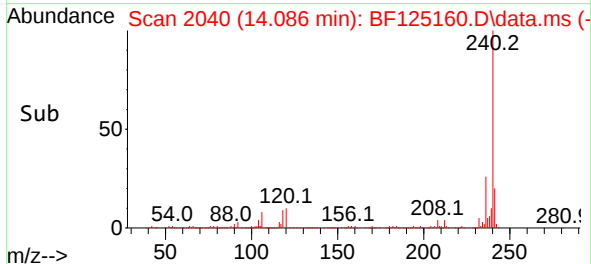
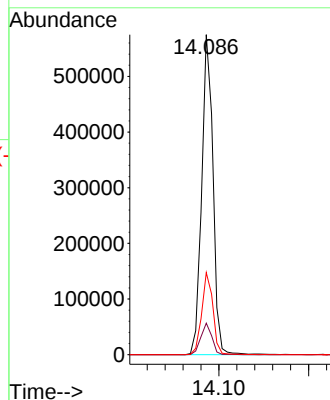
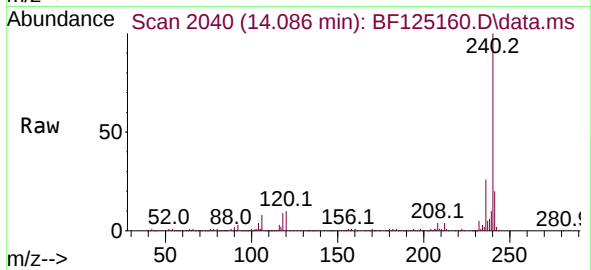




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

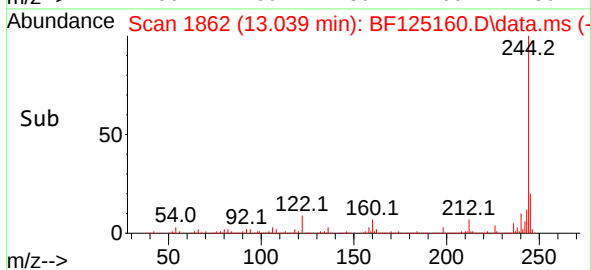
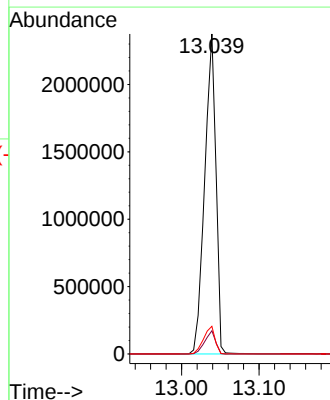
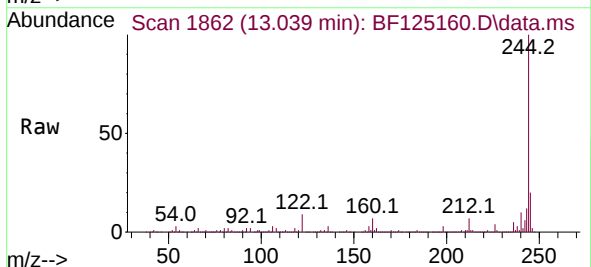
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

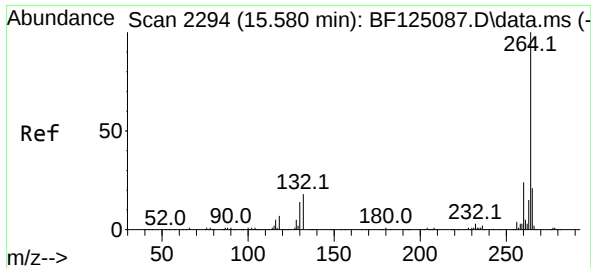
Tgt Ion:240 Resp: 501747
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 76.020 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BF125160.D
Acq: 23 Aug 2021 18:01

Tgt Ion:244 Resp: 2394276
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.7 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.012 min
 Lab File: BF125160.D
 Acq: 23 Aug 2021 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11-(647.00)

Tgt Ion:264 Resp: 377032
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.3 17.2 25.8

