

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127235.D
 Acq On : 07 Mar 2022 22:22
 Operator : CG\JU
 Sample : N1730-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25-26-SAMPLE-LOCATION-13

Quant Time: Mar 08 00:04:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

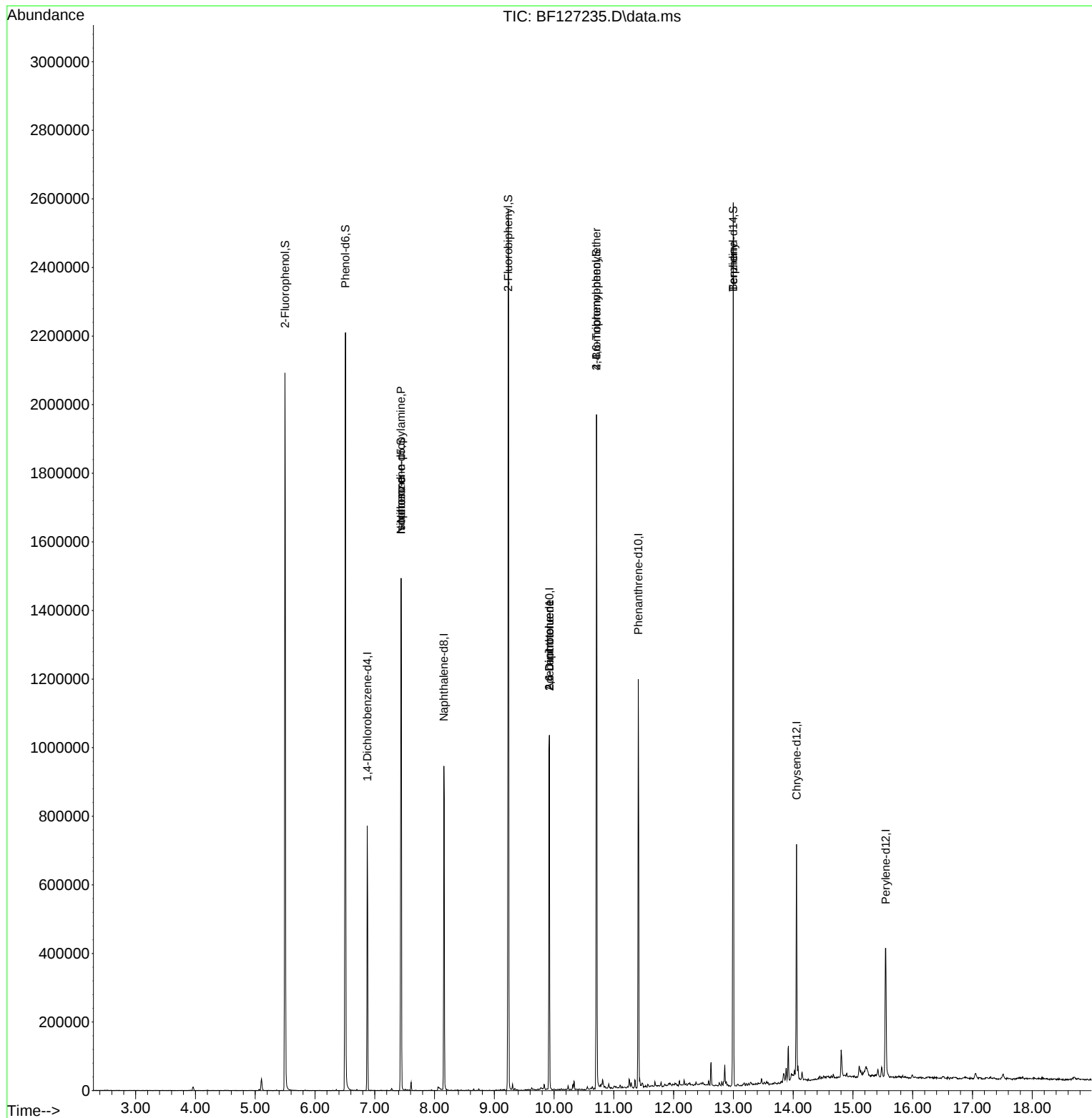
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	93658	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	402792	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	208089	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375161	20.000	ng	# 0.00
76) Chrysene-d12	14.056	240	199560	20.000	ng	# 0.00
86) Perylene-d12	15.550	264	169925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	530899	87.611	ng	0.00
7) Phenol-d6	6.510	99	701174	85.752	ng	0.00
23) Nitrobenzene-d5	7.439	82	491753	55.106	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	226714	94.627	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	755987	53.483	ng	0.00
79) Terphenyl-d14	12.998	244	796611	58.682	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	65740	12.477	ng	# 81
25) Isophorone	7.439	82	491748	33.302	ng	# 69
51) 2,6-Dinitrotoluene	9.921	165	26476	8.749	ng	# 22
57) 2,4-Dinitrotoluene	9.921	165	26476	6.471	ng	# 16
67) 4-Bromophenyl-phenylether	10.710	248	13871	3.309	ng	# 1
77) Benzidine	12.998	184	11763	2.169	ng	# 96

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

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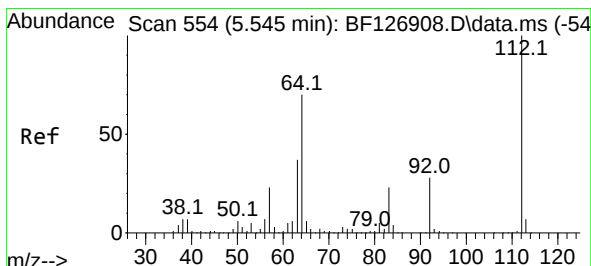
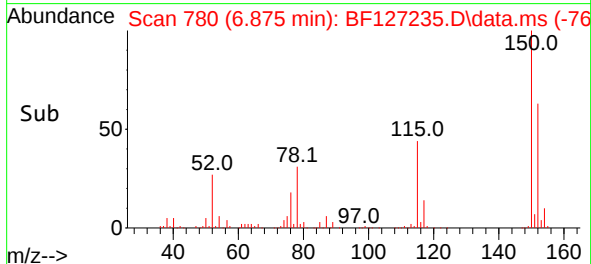
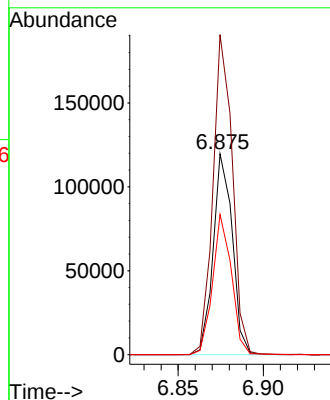
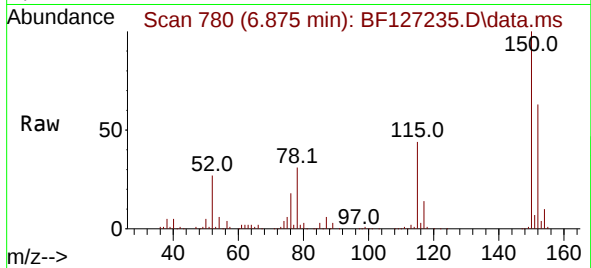




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

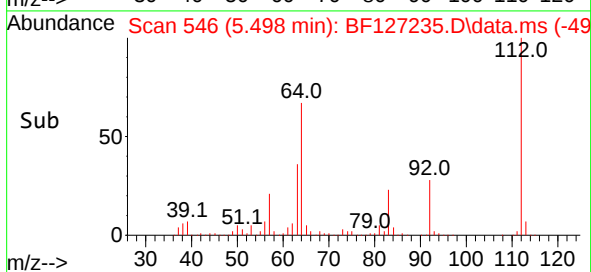
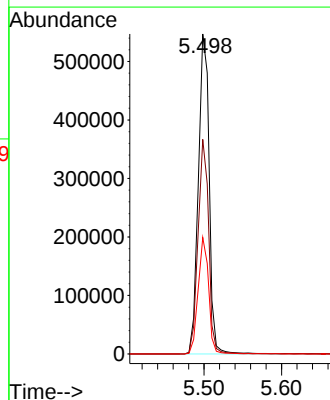
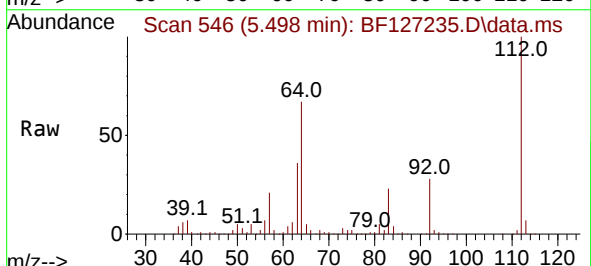
Instrument :
BNA_F
ClientSampleId :
25-26-SAMPLE-LOCATION-13

Tgt Ion:152 Resp: 93658
Ion Ratio Lower Upper
152 100
150 159.4 128.1 192.1
115 69.8 56.7 85.1



#5
2-Fluorophenol
Concen: 87.611 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion:112 Resp: 530899
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 36.4 23.9 35.9#

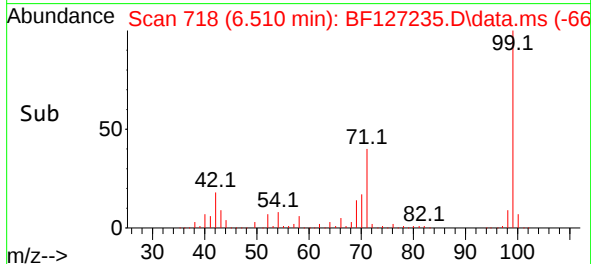
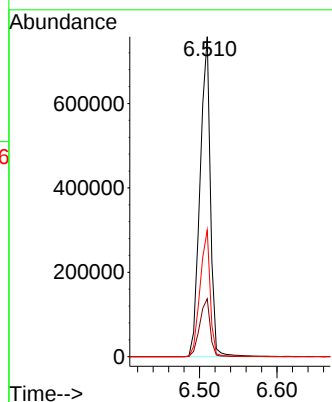
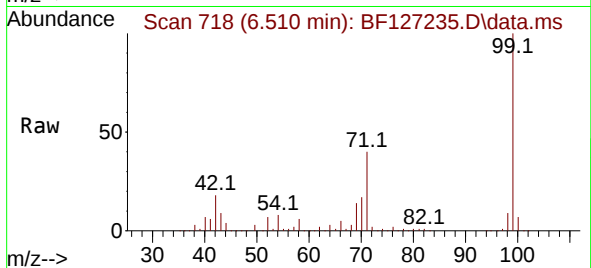




#7
Phenol-d6
Concen: 85.752 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

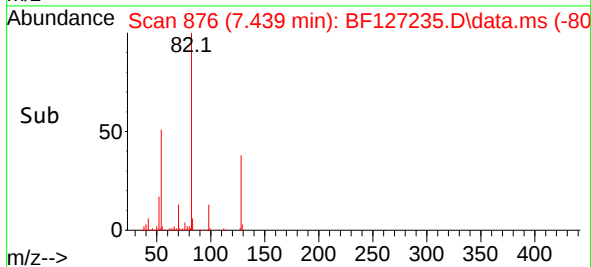
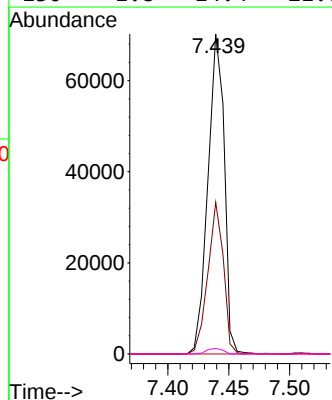
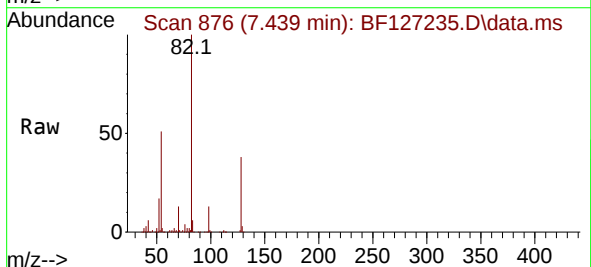
Instrument :
BNA_F
ClientSampleId :
25-26-SAMPLE-LOCATION-13

Tgt Ion: 99 Resp: 701174
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 39.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.477 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion: 70 Resp: 65740
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

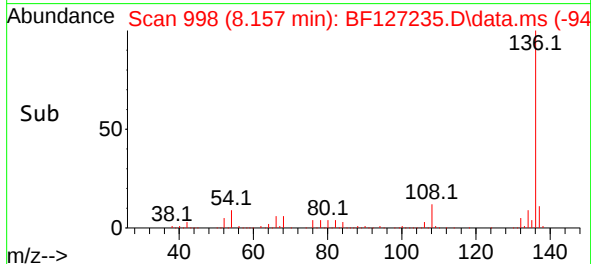
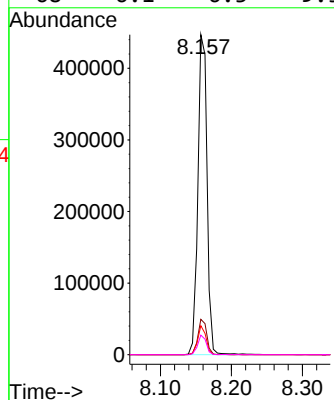
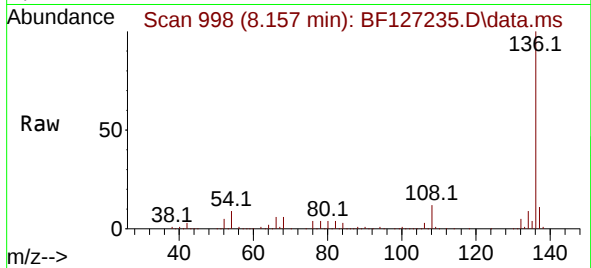




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

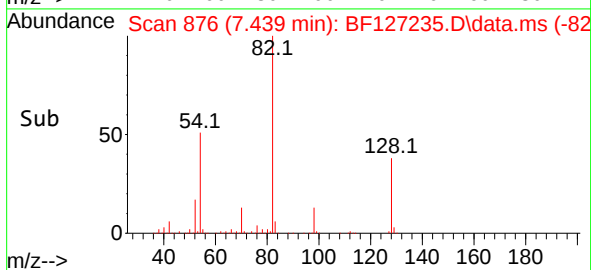
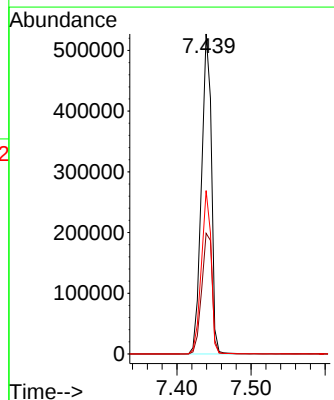
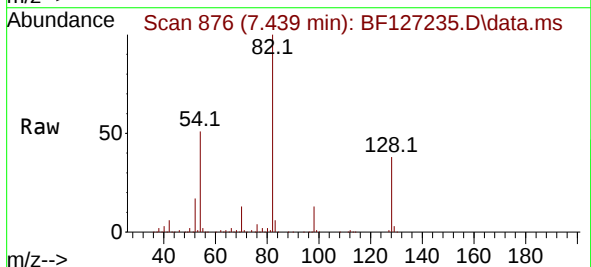
Instrument :
BNA_F
ClientSampleId :
25-26-SAMPLE-LOCATION-13

Tgt Ion:136 Resp: 402792
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 55.106 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion: 82 Resp: 491753
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 51.0 41.7 62.5

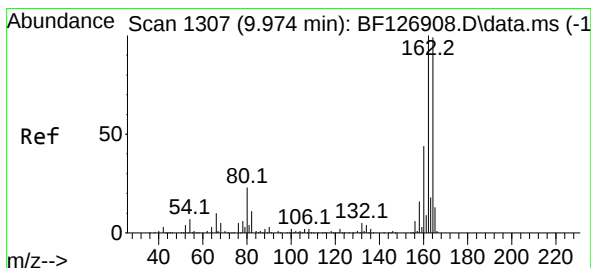
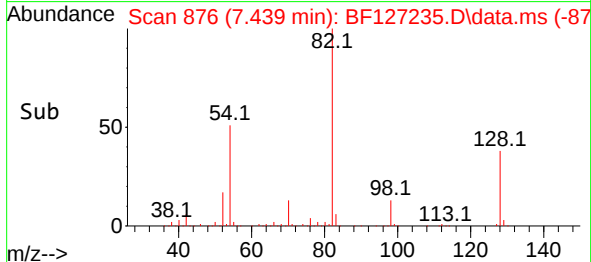
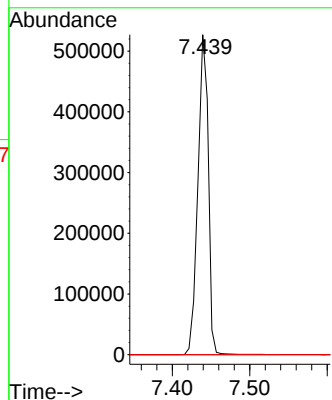
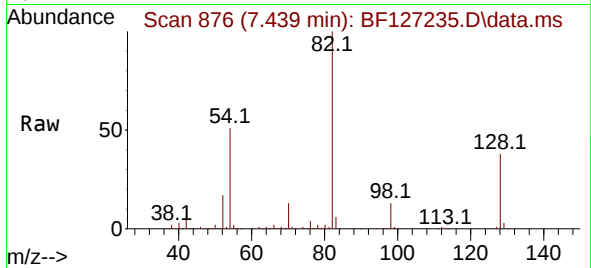




#25
Isophorone
Concen: 33.302 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

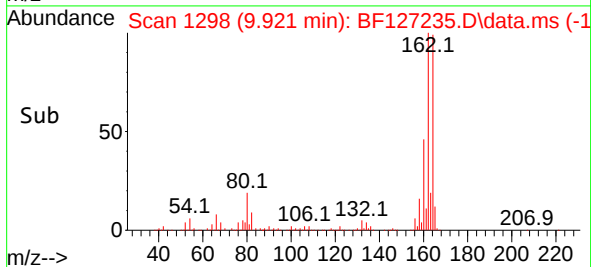
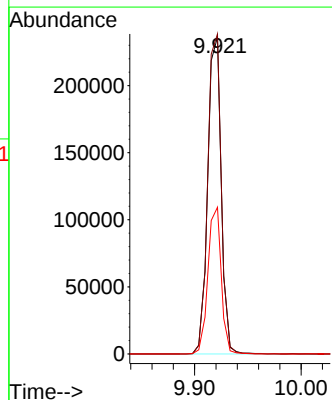
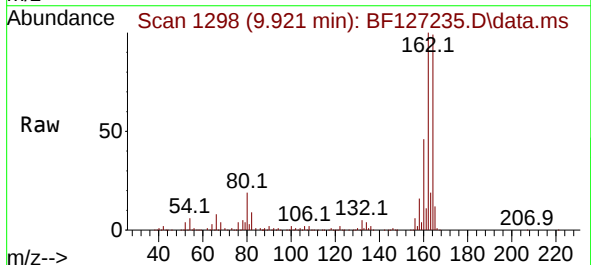
Instrument :
BNA_F
ClientSampleId :
25-26-SAMPLE-LOCATION-13

Tgt Ion: 82 Resp: 491748
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion:164 Resp: 208089
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 94.627 ng

RT: 10.710 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127235.D

Acq: 07 Mar 2022 22:22

Instrument :

BNA_F

ClientSampleId :

25-26-SAMPLE-LOCATION-13

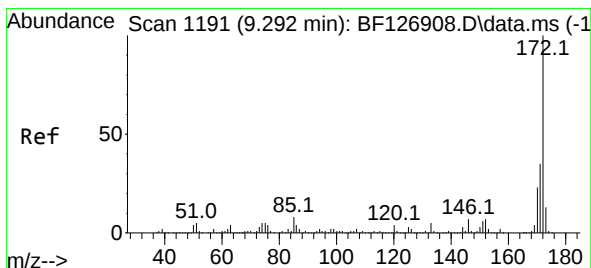
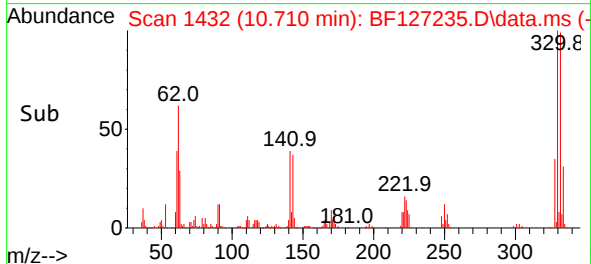
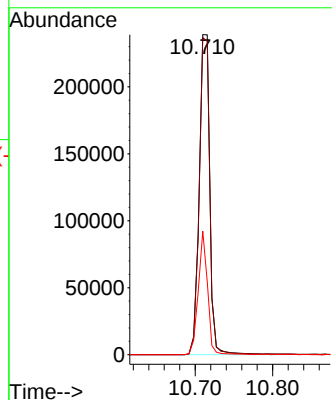
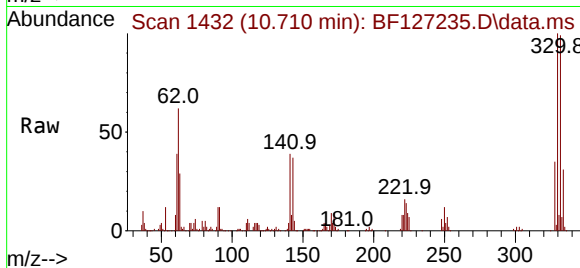
Tgt Ion:330 Resp: 226714

Ion Ratio Lower Upper

330 100

332 98.5 76.0 114.0

141 33.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 53.483 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127235.D

Acq: 07 Mar 2022 22:22

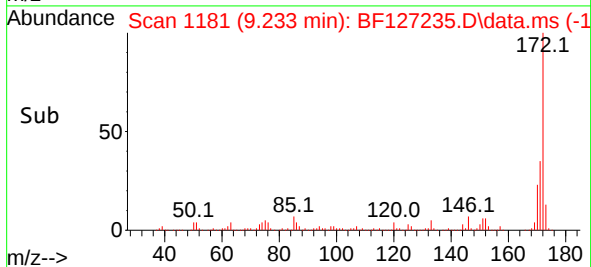
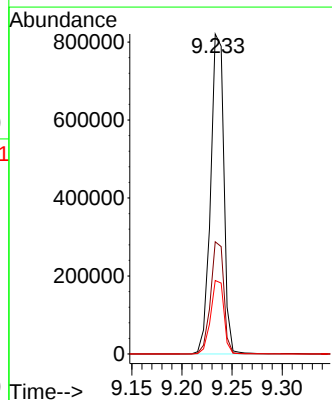
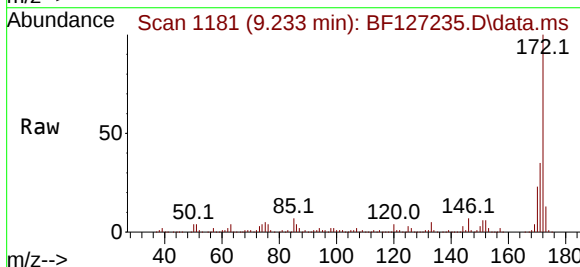
Tgt Ion:172 Resp: 755987

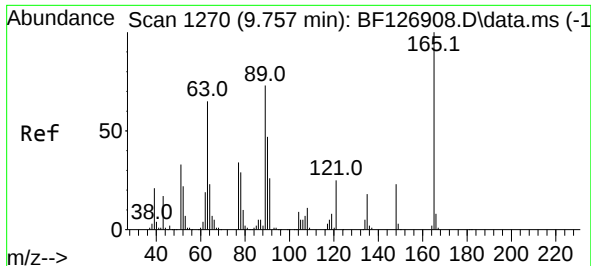
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.9 19.0 28.6

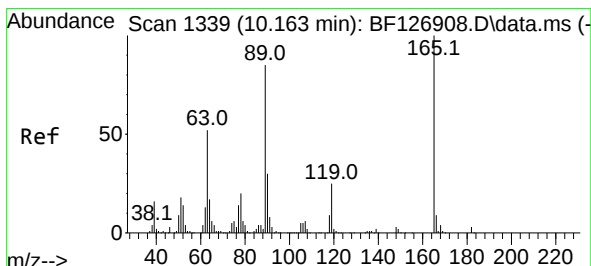
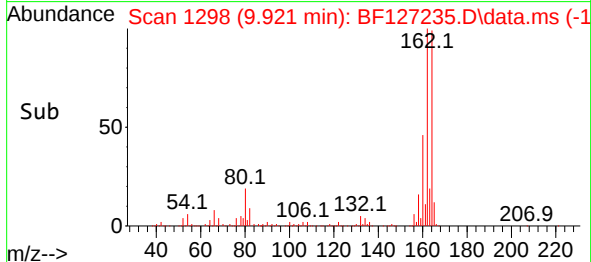
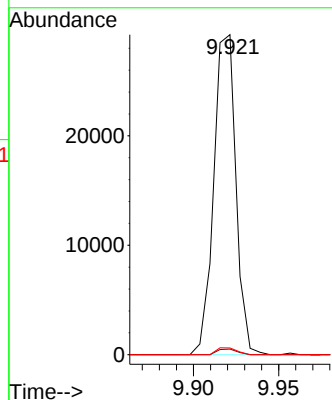
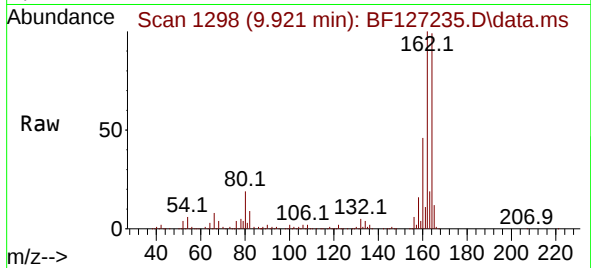




#51
2,6-Dinitrotoluene
Concen: 8.749 ng
RT: 9.921 min Scan# 1298
Delta R.T. 0.211 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

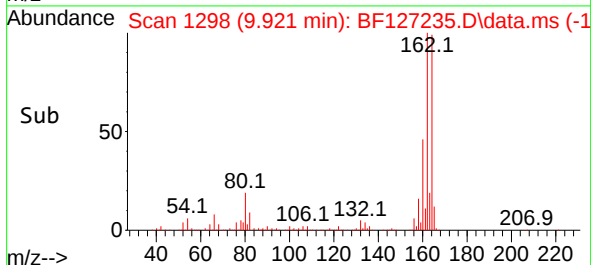
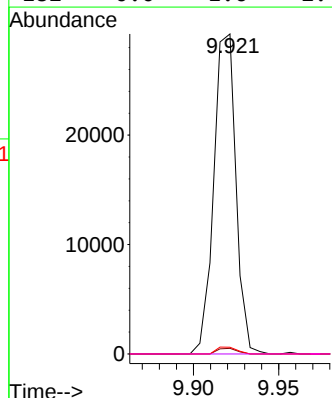
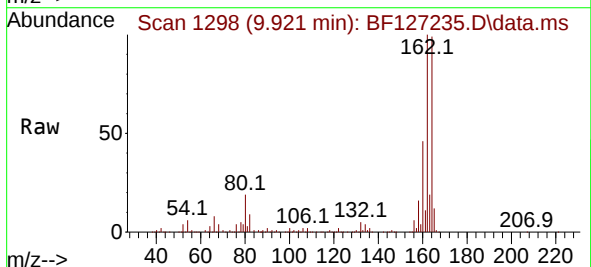
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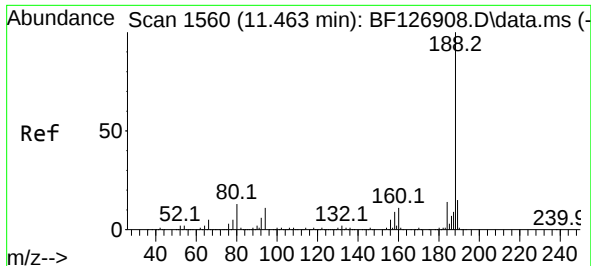
Tgt Ion:165 Resp: 26476
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 2.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.471 ng
RT: 9.921 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion:165 Resp: 26476
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 2.1 71.0 106.4#
182 0.0 1.6 2.4#

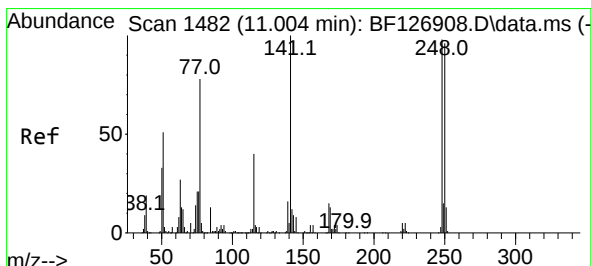
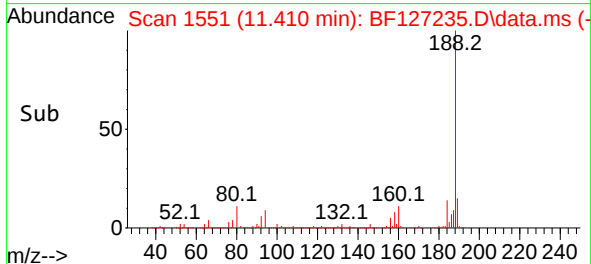
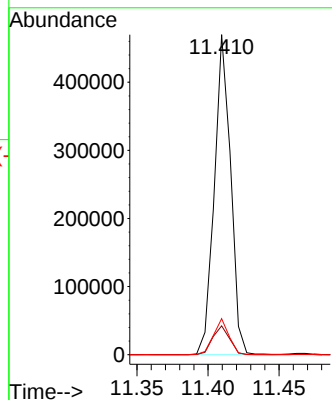
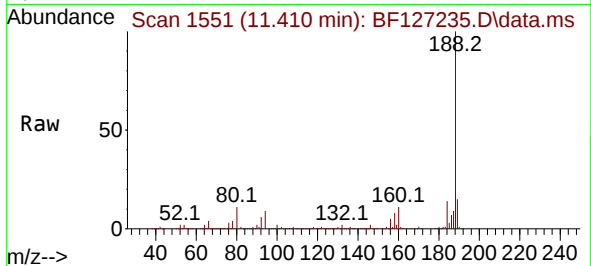




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

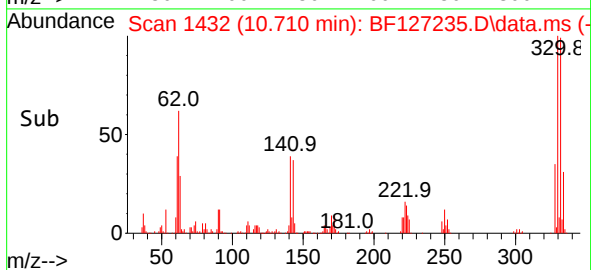
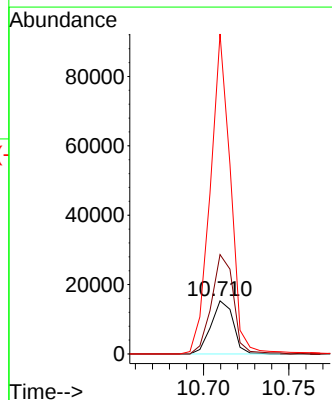
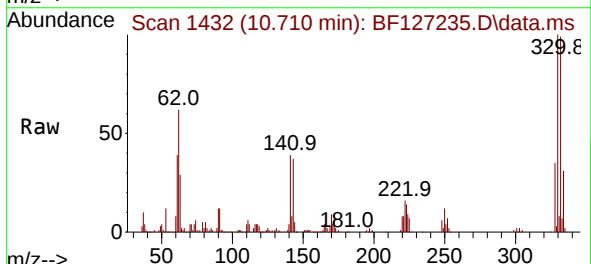
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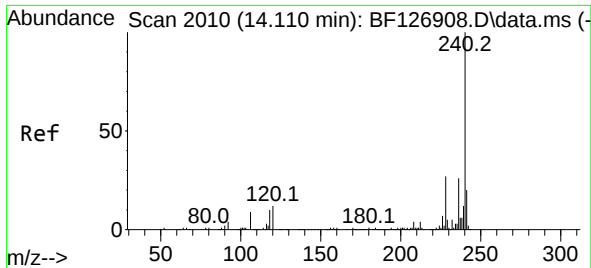
Tgt Ion:188 Resp: 375161
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 11.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion:248 Resp: 13871
Ion Ratio Lower Upper
248 100
250 186.6 76.2 114.4#
141 601.5 66.2 99.4#

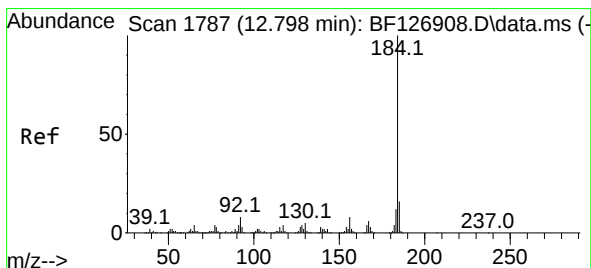
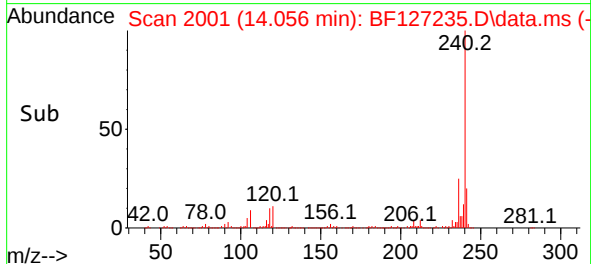
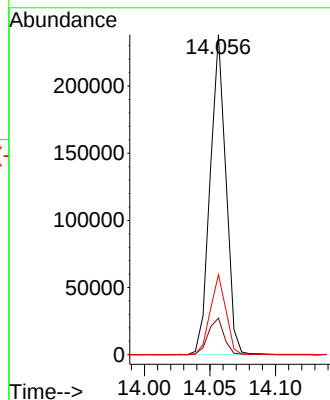
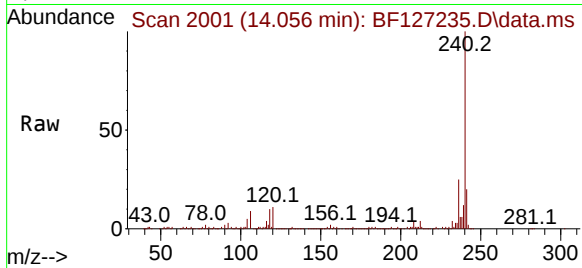




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

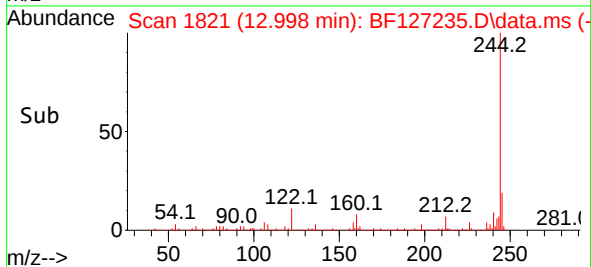
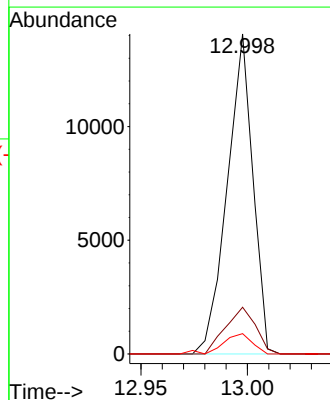
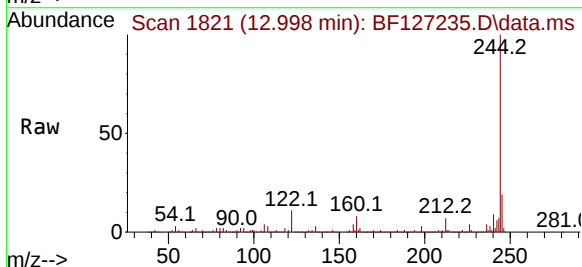
Instrument :
BNA_F
ClientSampleId :
25-26-SAMPLE-LOCATION-13

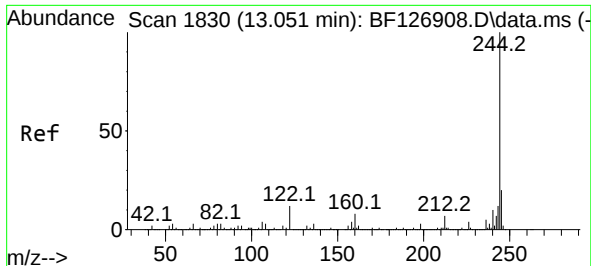
Tgt Ion:240 Resp: 199560
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 25.0 20.5 30.7



#77
Benzidine
Concen: 2.169 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127235.D
Acq: 07 Mar 2022 22:22

Tgt Ion:184 Resp: 11763
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 6.4 8.2 12.2#

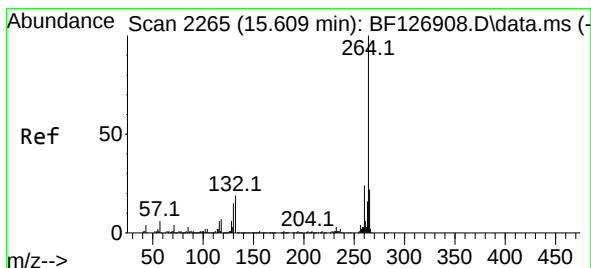
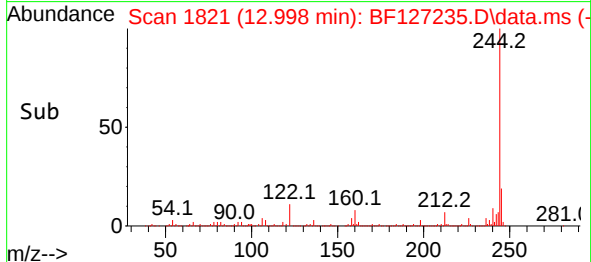
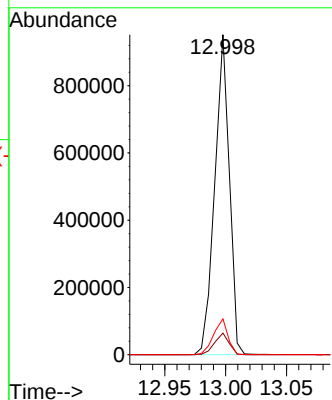
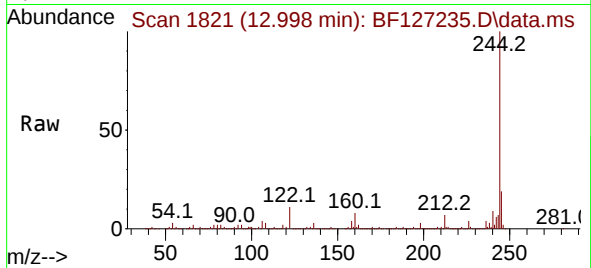




#79
 Terphenyl-d14
 Concen: 58.682 ng
 RT: 12.998 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BF127235.D
 Acq: 07 Mar 2022 22:22

Instrument : BNA_F
 ClientSampleId : 25-26-SAMPLE-LOCATION-13

Tgt Ion:244 Resp: 796611
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.550 min Scan# 2255
 Delta R.T. 0.006 min
 Lab File: BF127235.D
 Acq: 07 Mar 2022 22:22

Tgt Ion:264 Resp: 169925
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.4 26.2

