

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134201.D
 Acq On : 10 Jul 2023 23:17
 Operator : CG\JU
 Sample : 03541-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 02:01:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

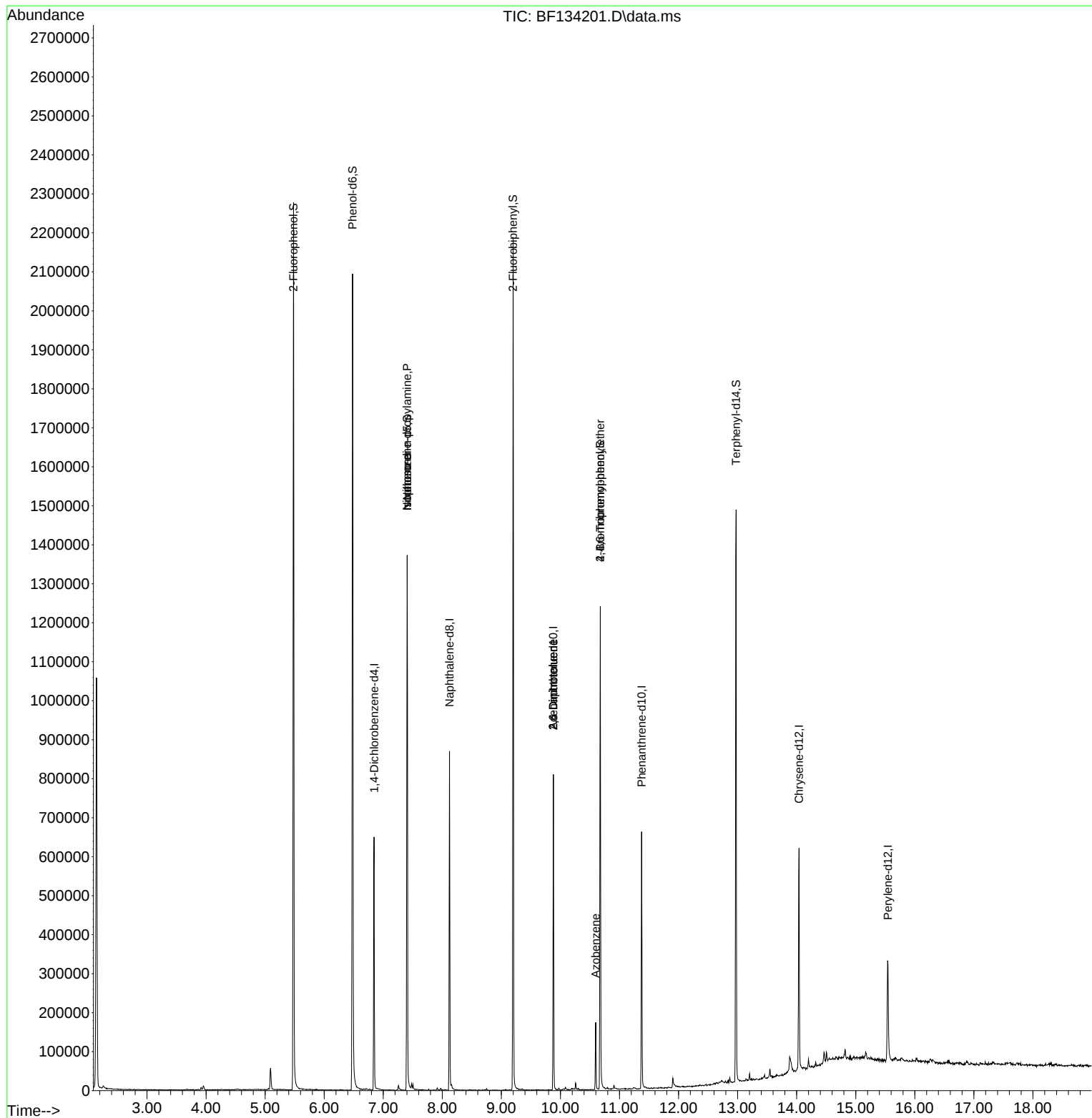
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95346	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	340379	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	141226	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	232395	20.000	ng	0.00
76) Chrysene-d12	14.039	240	199738	20.000	ng	0.00
86) Perylene-d12	15.545	264	135301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	565367	99.189	ng	0.00
7) Phenol-d6	6.481	99	677279	96.620	ng	0.00
23) Nitrobenzene-d5	7.404	82	410282	64.976	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	140691	79.455	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	603938	62.174	ng	0.00
79) Terphenyl-d14	12.974	244	519031	41.822	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	125	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	57958	13.038	ng	# 75
25) Isophorone	7.404	82	410275	35.751	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	17571	7.958	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	17571	6.026	ng	# 22
63) Azobenzene	10.598	77	29114	2.882	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	8647	3.501	ng	# 1

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

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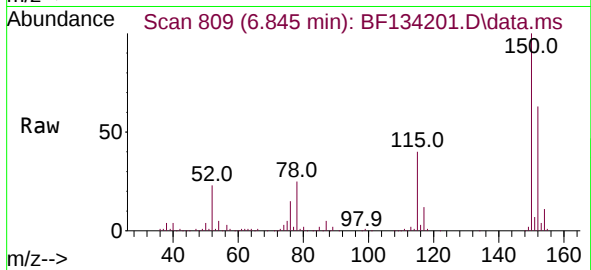
Quant Time: Jul 11 02:01:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 10 18:49:59 2023
Response via : Initial Calibration



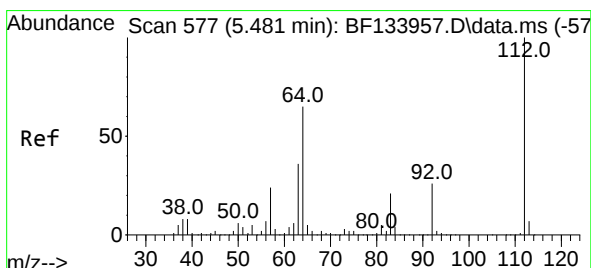
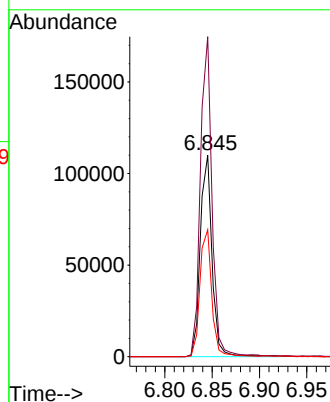
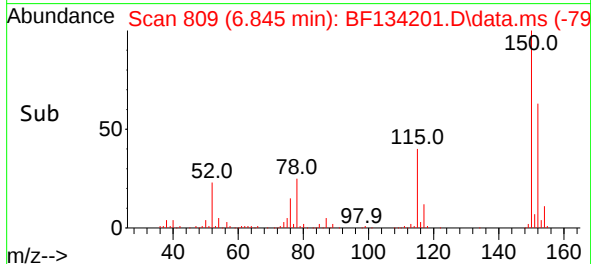


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

Instrument :
BNA_F
ClientSampleId :

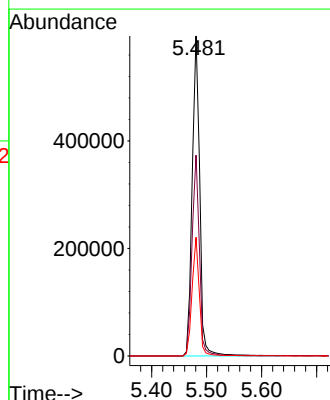
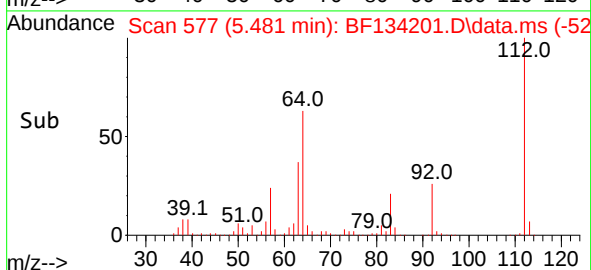
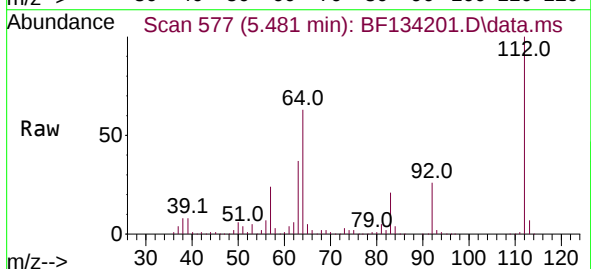


Tgt Ion:152 Resp: 95346
Ion Ratio Lower Upper
152 100
150 158.8 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 99.189 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

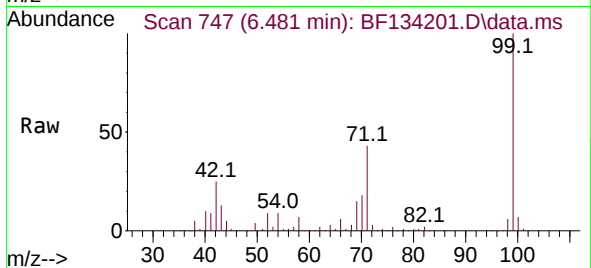
Tgt Ion:112 Resp: 565367
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 37.1 28.6 42.8



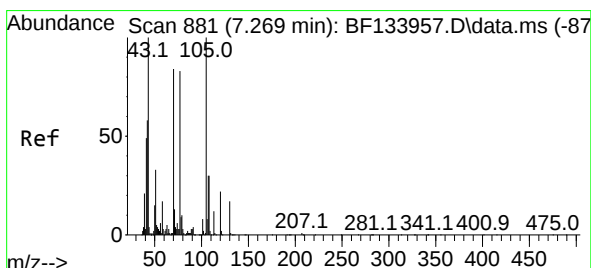
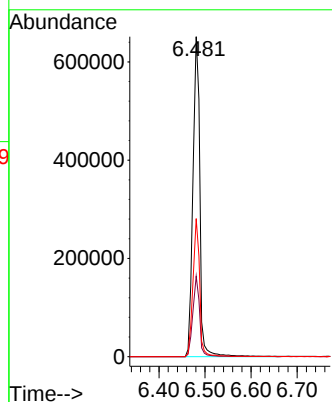
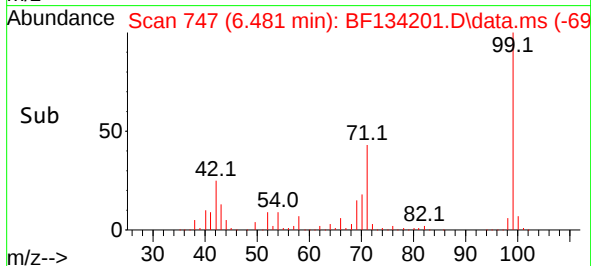


#7
Phenol-d6
Concen: 96.620 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

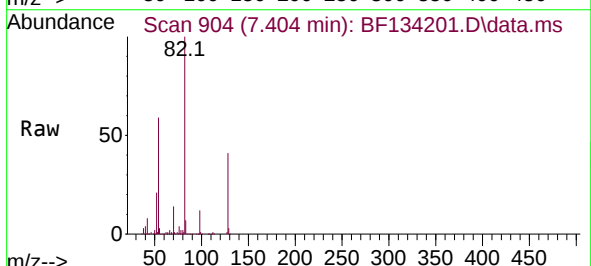
Instrument :
BNA_F
ClientSampleId :



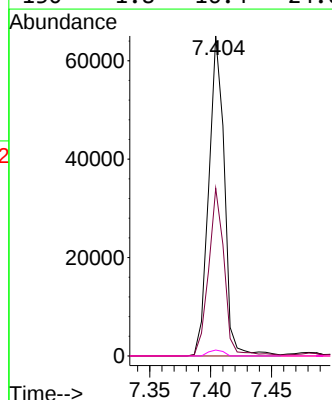
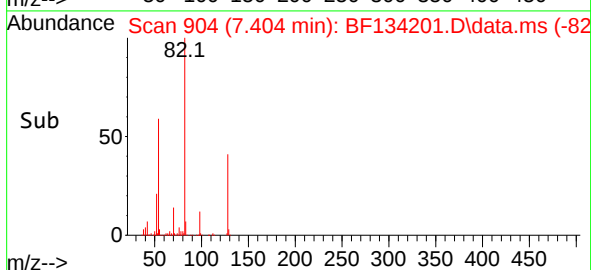
Tgt Ion: 99 Resp: 677279
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 43.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.038 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17



Tgt Ion: 70 Resp: 57958
Ion Ratio Lower Upper
70 100
42 52.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#

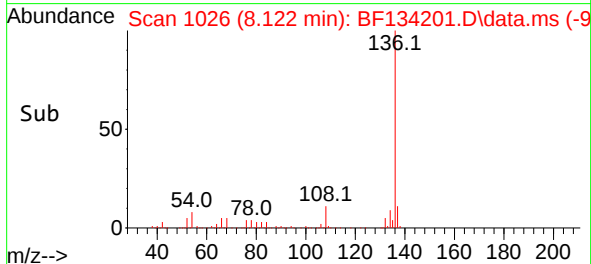
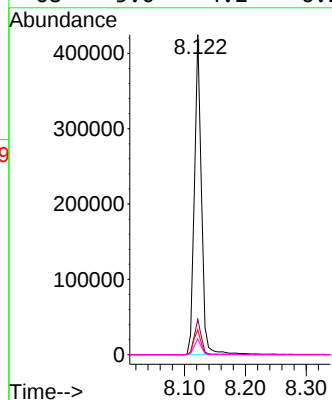
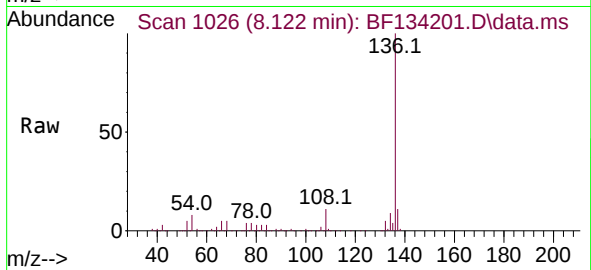




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

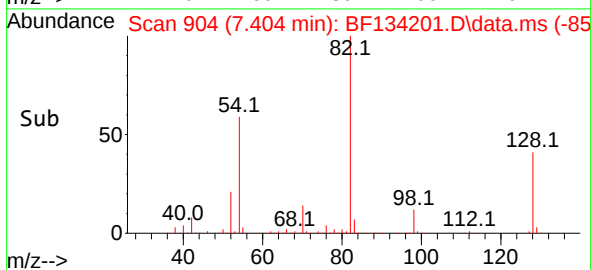
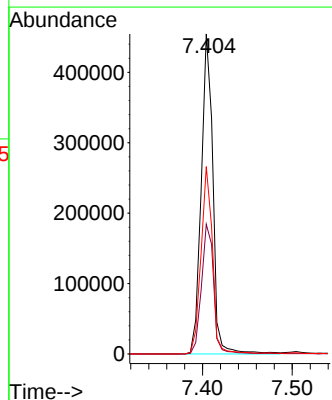
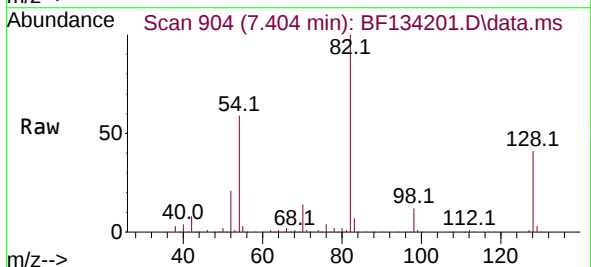
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 340379
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 64.976 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

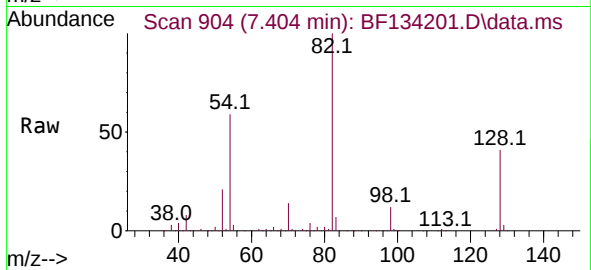
Tgt Ion: 82 Resp: 410282
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 58.5 48.2 72.2



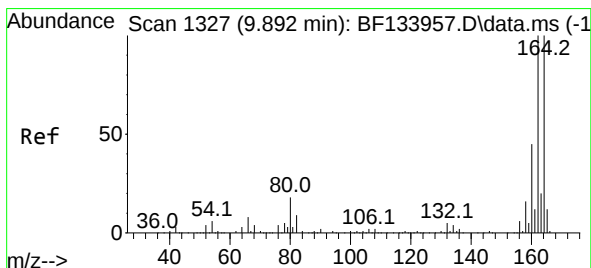
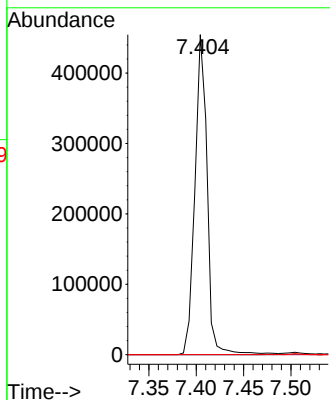
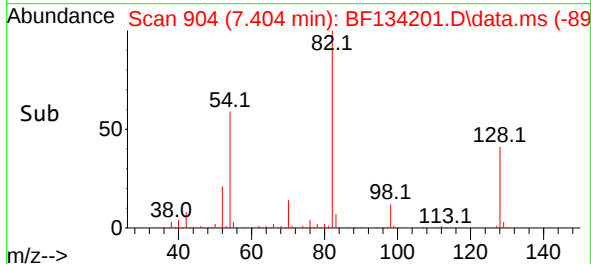


#25
Isophorone
Concen: 35.751 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

Instrument :
BNA_F
ClientSampleId :

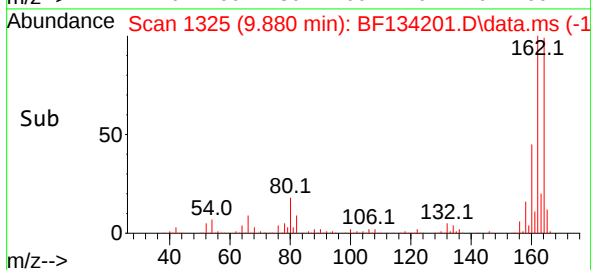
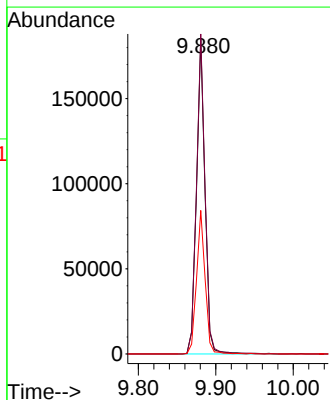
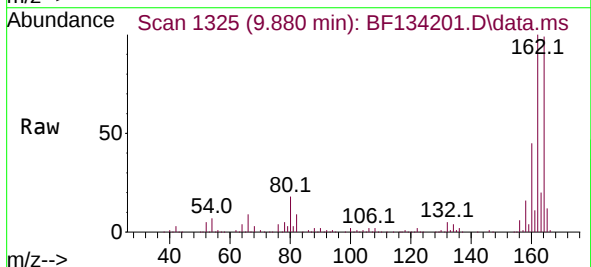


Tgt Ion: 82 Resp: 410275
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

Tgt Ion:164 Resp: 141226
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 79.455 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

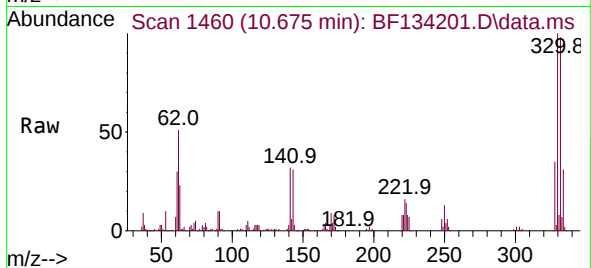
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Acq: 10 Jul 2023 23:17

Instrument :

BNA_F

ClientSampleId :



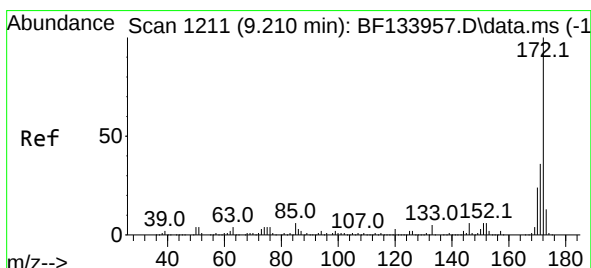
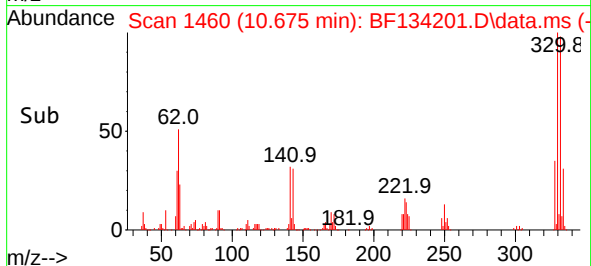
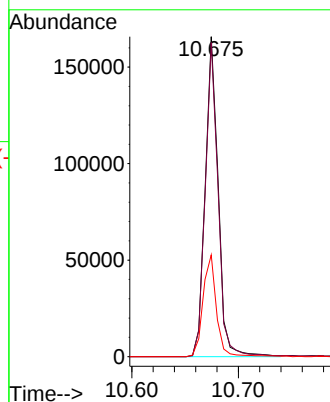
Tgt Ion:330 Resp: 140691

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

141 33.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 62.174 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134201.D

Acq: 10 Jul 2023 23:17

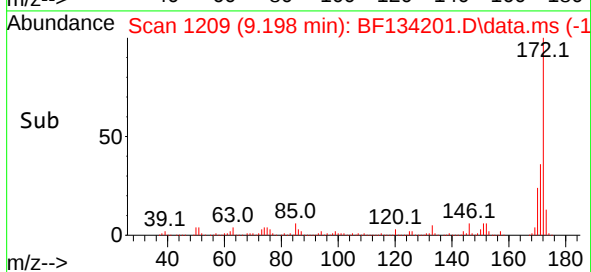
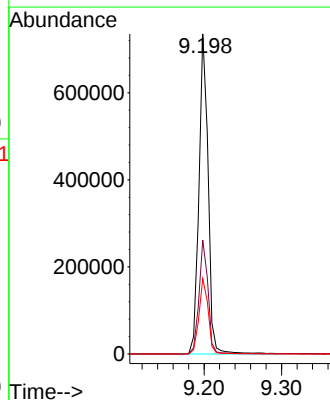
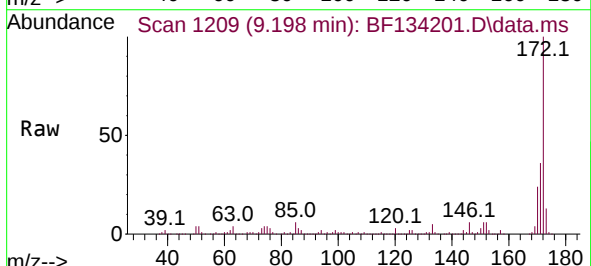
Tgt Ion:172 Resp: 603938

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.5 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.958 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134201.D

Acq: 10 Jul 2023 23:17

Instrument :

BNA_F

ClientSampleId :

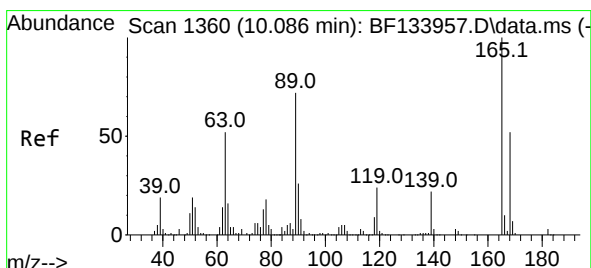
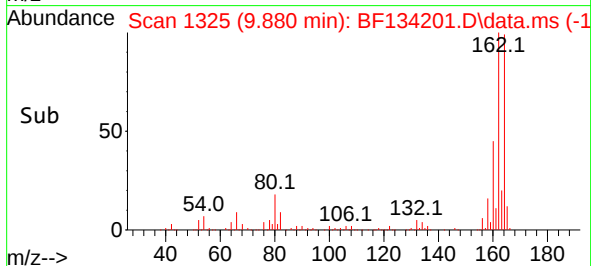
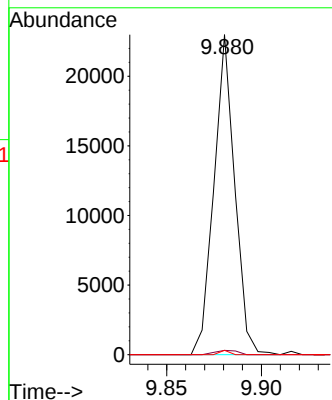
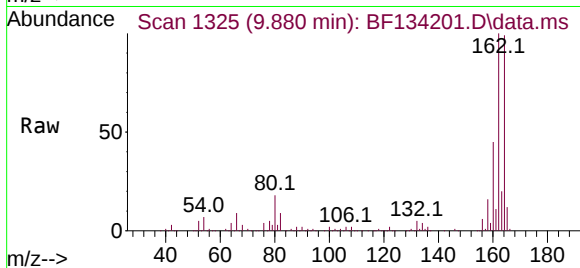
Tgt Ion:165 Resp: 17571

Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.4 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.026 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134201.D

Acq: 10 Jul 2023 23:17

Tgt Ion:165 Resp: 17571

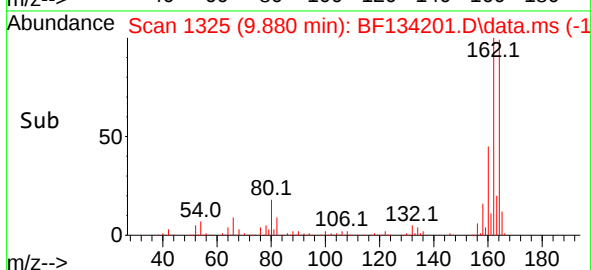
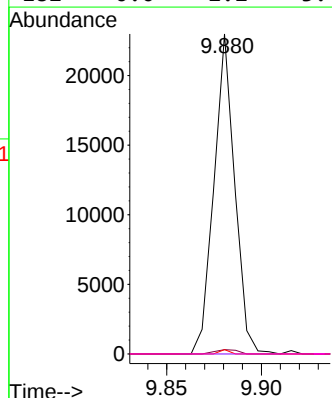
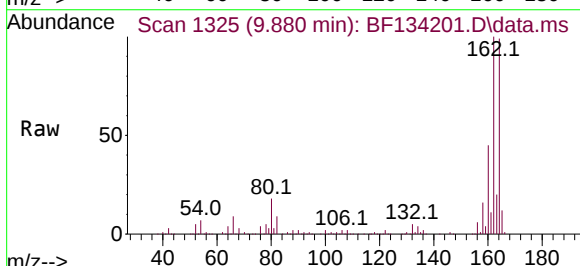
Ion Ratio Lower Upper

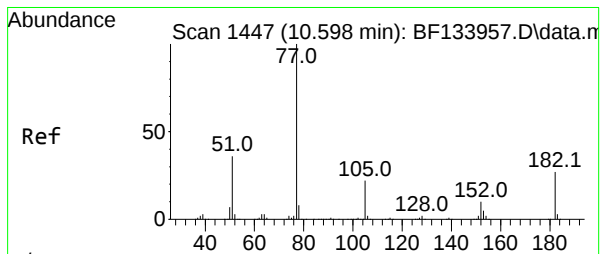
165 100

63 1.3 42.2 63.2#

89 1.4 57.4 86.2#

182 0.0 2.2 3.4#

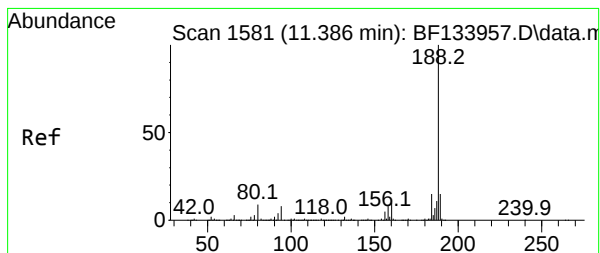
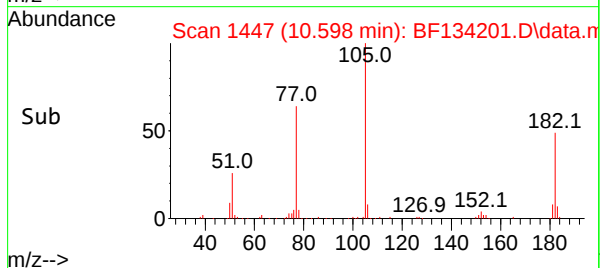
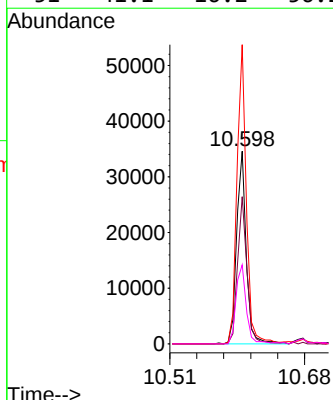
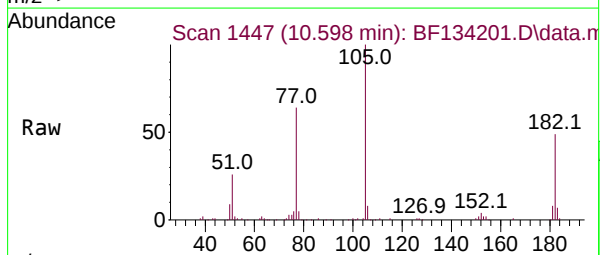




#63
Azobenzene
Concen: 2.882 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

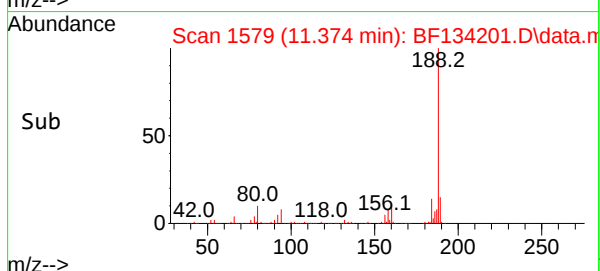
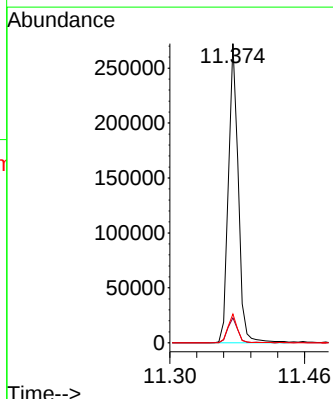
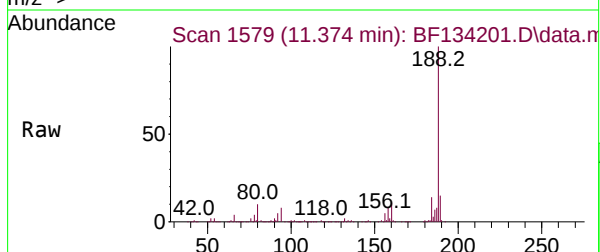
Instrument :
BNA_F
ClientSampleId :

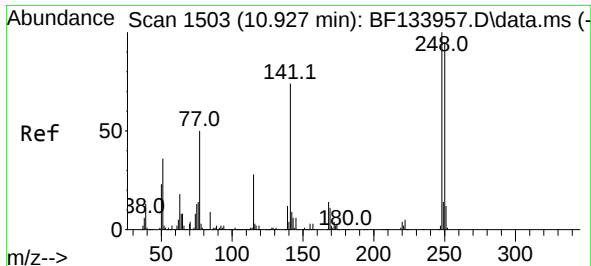
Tgt Ion: 77 Resp: 29114
Ion Ratio Lower Upper
77 100
182 76.4 6.8 46.8#
105 155.4 2.3 42.3#
51 41.1 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

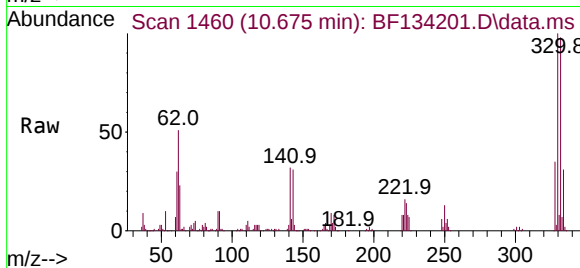
Tgt Ion: 188 Resp: 232395
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.6 7.3 10.9



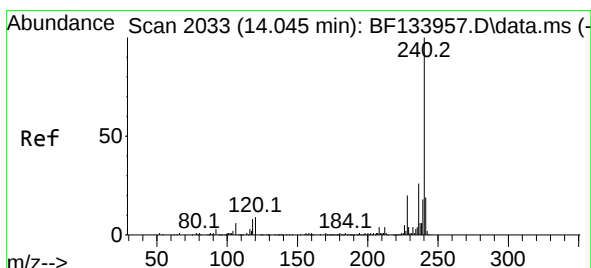
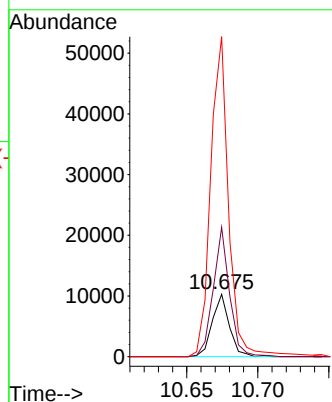
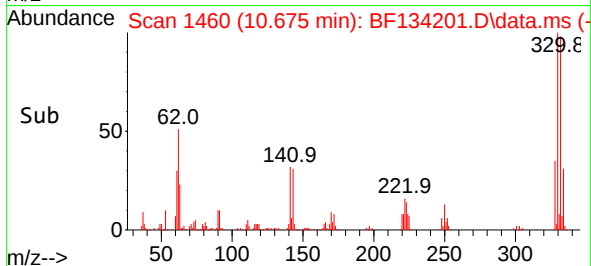


#67
4-Bromophenyl-phenylether
Concen: 3.501 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

Instrument :
BNA_F
ClientSampleId :

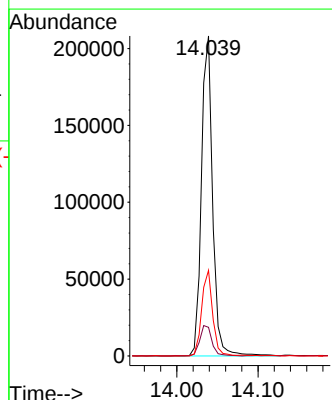
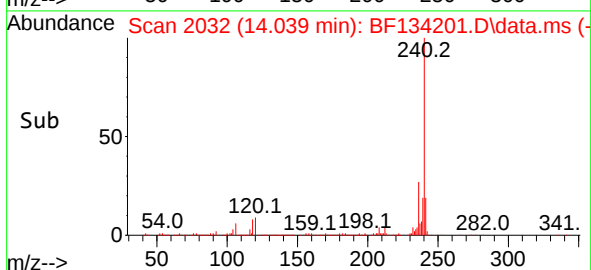
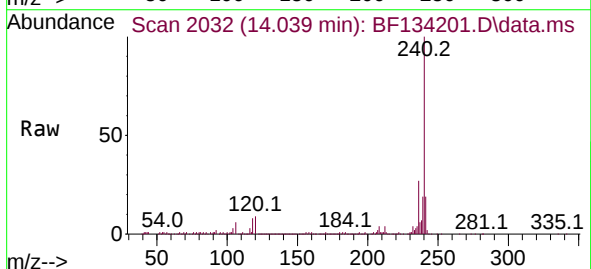


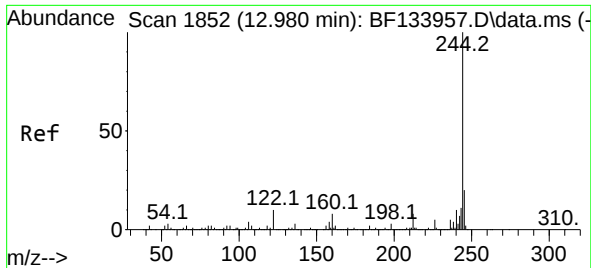
Tgt Ion:248 Resp: 8647
Ion Ratio Lower Upper
248 100
250 207.5 76.2 114.4#
141 512.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134201.D
Acq: 10 Jul 2023 23:17

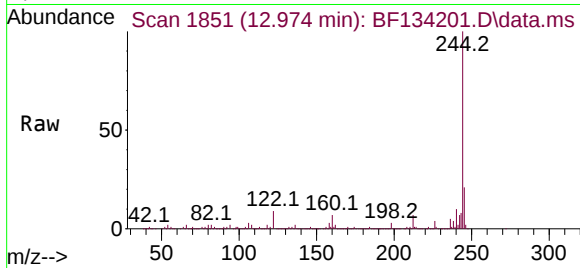
Tgt Ion:240 Resp: 199738
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.8 21.0 31.6



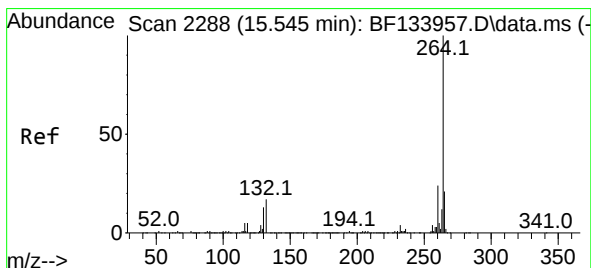
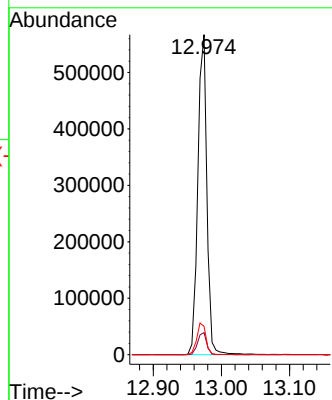
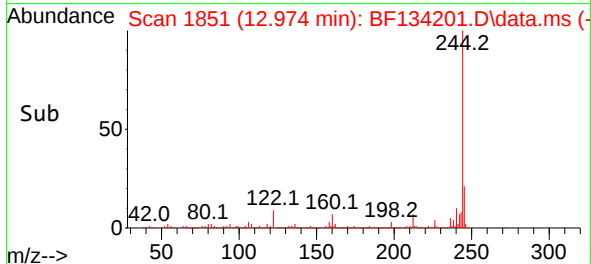


#79
 Terphenyl-d14
 Concen: 41.822 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134201.D
 Acq: 10 Jul 2023 23:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 519031
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134201.D
 Acq: 10 Jul 2023 23:17

Tgt Ion:264 Resp: 135301
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.6 16.6 25.0

