

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140388.D
 Acq On : 15 Nov 2024 02:42
 Operator : RC/JU
 Sample : P4789-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F21

Quant Time: Nov 15 04:06:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

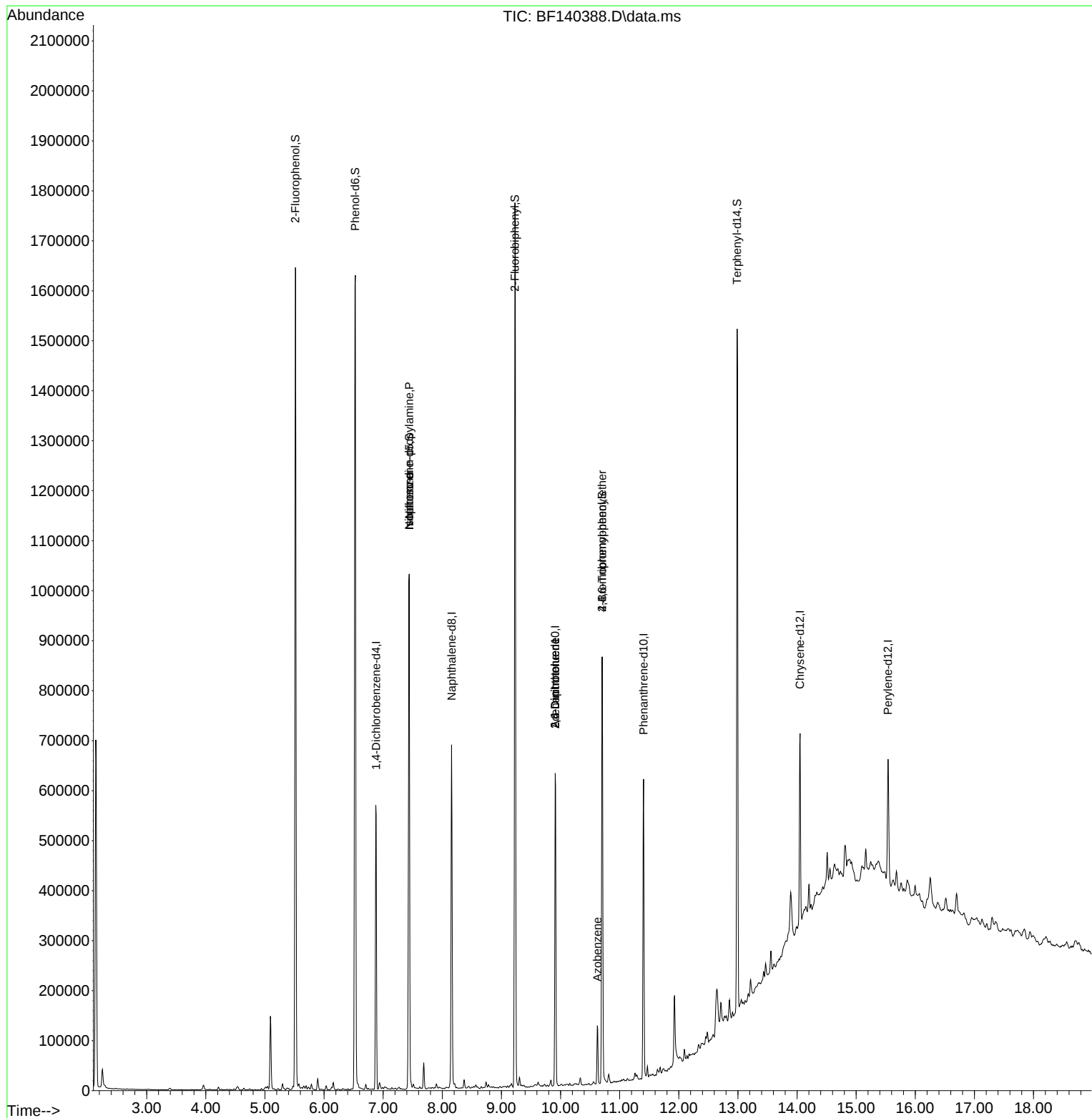
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	120783	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	419432	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	188457	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	313372	20.000	ng	0.00
76) Chrysene-d12	14.051	240	182135	20.000	ng	0.00
86) Perylene-d12	15.539	264	144029	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	604716	85.482	ng	0.02
7) Phenol-d6	6.528	99	777676	81.140	ng	0.02
23) Nitrobenzene-d5	7.440	82	486136	60.389	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	136516	72.845	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	786997	67.131	ng	0.00
79) Terphenyl-d14	12.986	244	667307	63.596	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	65854	11.377	ng	# 77
25) Isophorone	7.440	82	480307	33.665	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	24974	8.918	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	24975	6.776	ng	# 20
63) Azobenzene	10.622	77	30329	2.444	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	9236	2.948	ng	# 1

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

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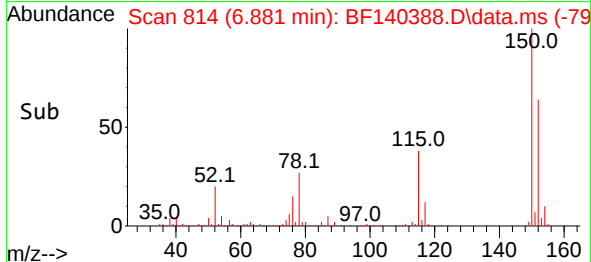
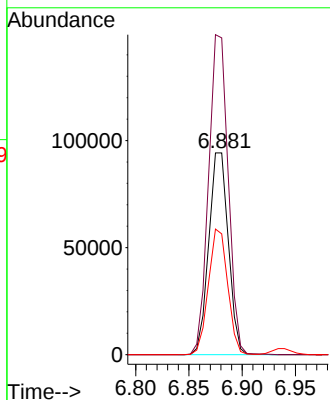
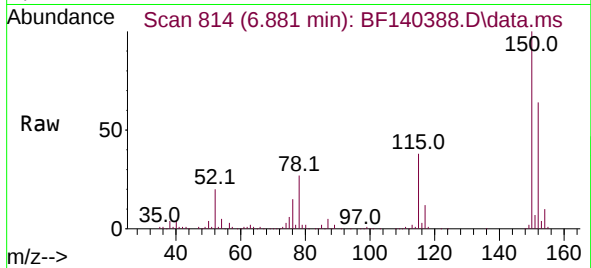




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

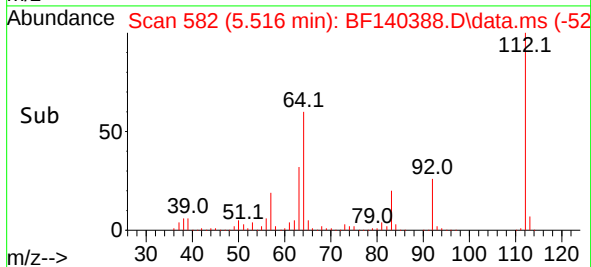
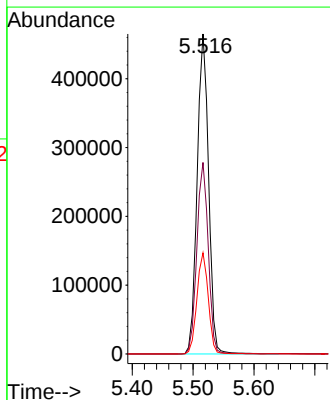
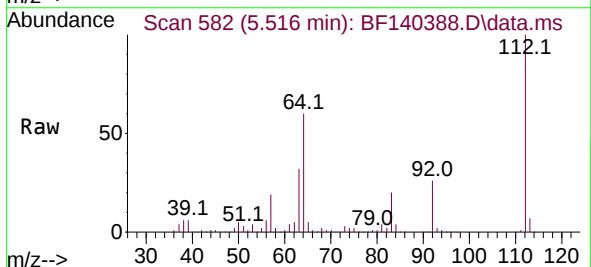
Instrument :
BNA_F
ClientSampleId :
BP-F21

Tgt Ion:152 Resp: 120783
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 85.482 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion:112 Resp: 604716
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.6 25.6 38.4

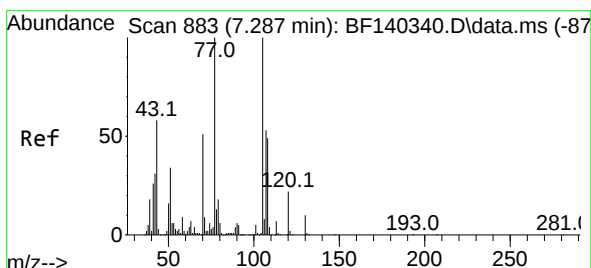
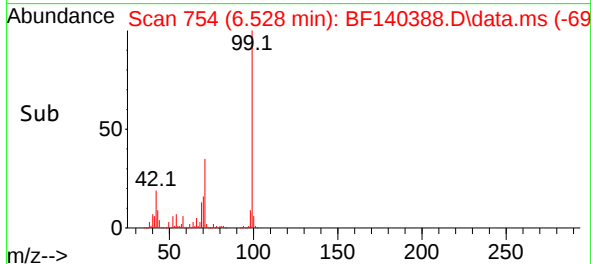
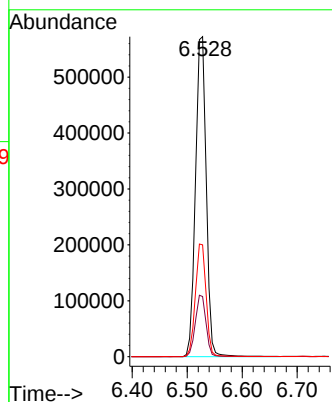
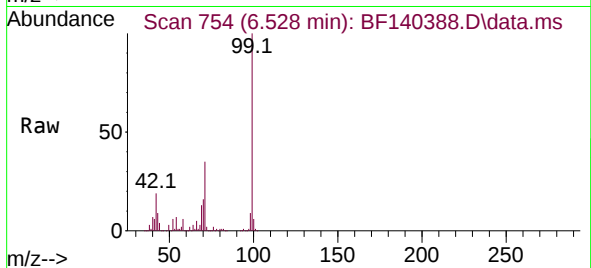




#7
Phenol-d6
Concen: 81.140 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.024 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

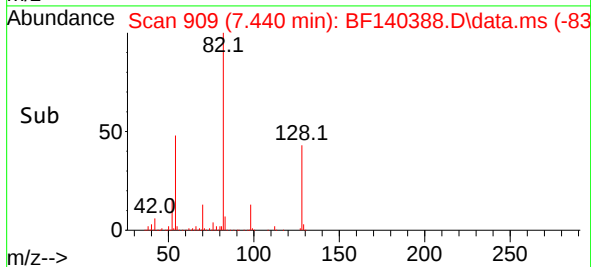
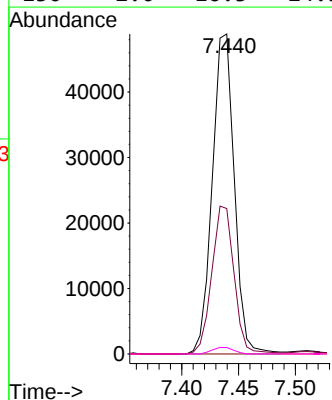
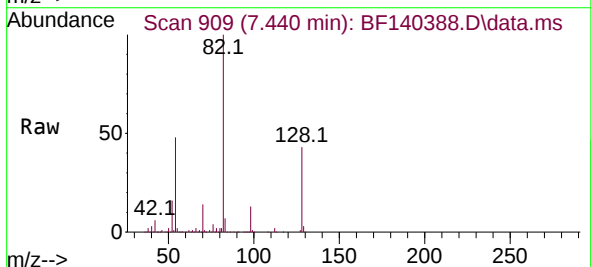
Instrument :
BNA_F
ClientSampleId :
BP-F21

Tgt Ion: 99 Resp: 777676
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.377 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion: 70 Resp: 65854
Ion Ratio Lower Upper
70 100
42 45.5 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



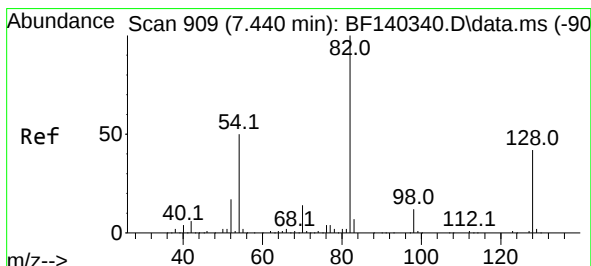
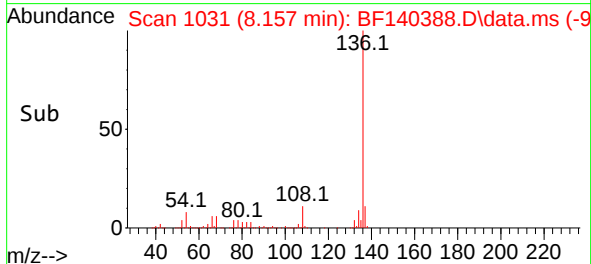
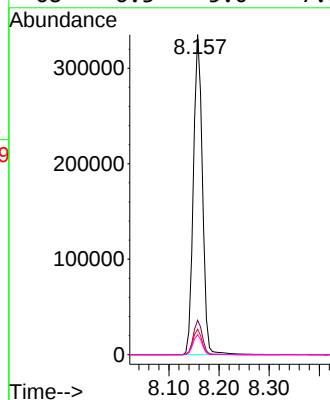
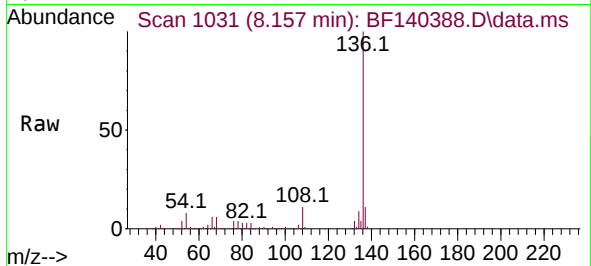


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Instrument :
BNA_F
ClientSampleId :
BP-F21

Tgt Ion:136 Resp: 419432

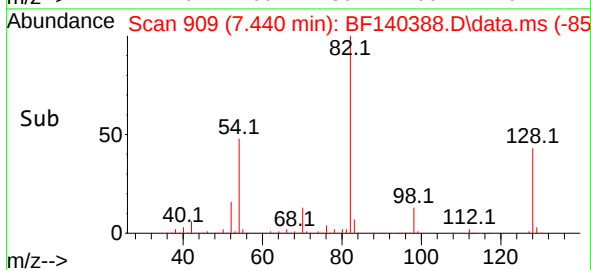
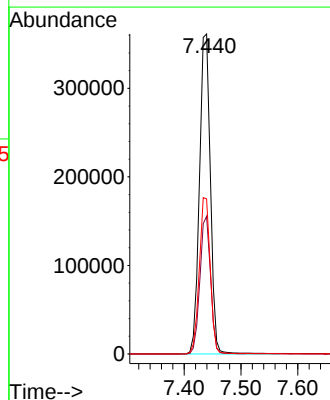
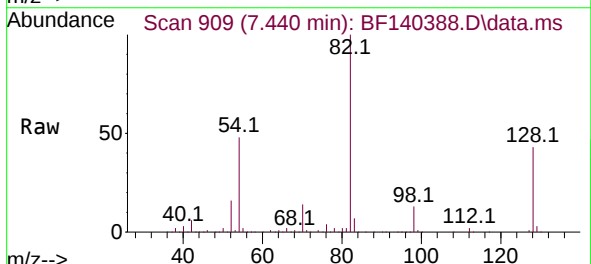
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	6.5	9.7
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 60.389 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion: 82 Resp: 486136

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.3	49.9
54	48.5	39.8	59.8

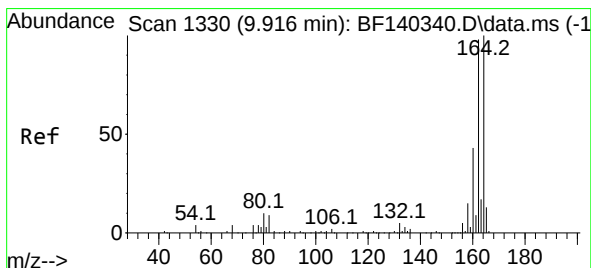
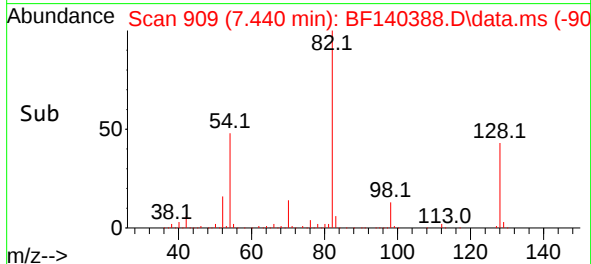
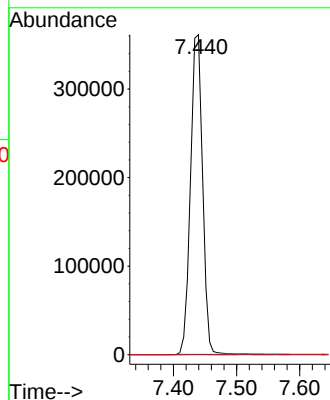
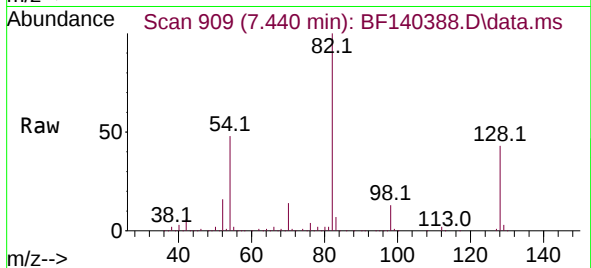




#25
Isophorone
Concen: 33.665 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

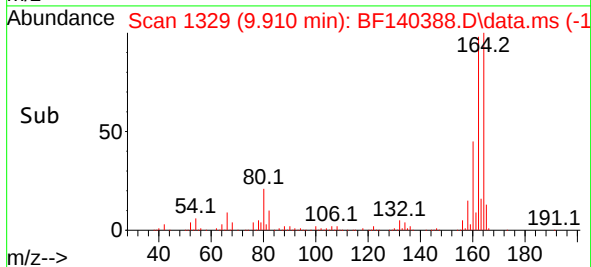
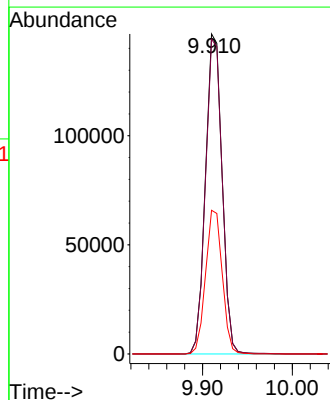
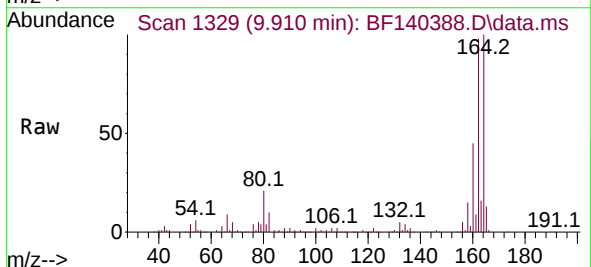
Instrument :
BNA_F
ClientSampleId :
BP-F21

Tgt Ion: 82 Resp: 480307
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion:164 Resp: 188457
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.845 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140388.D

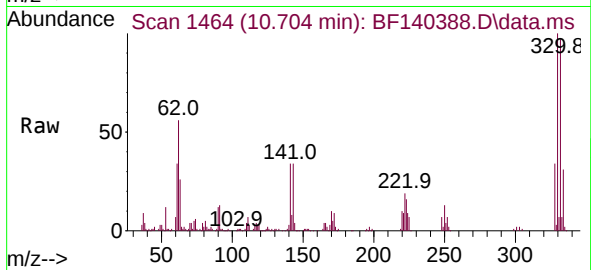
Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21



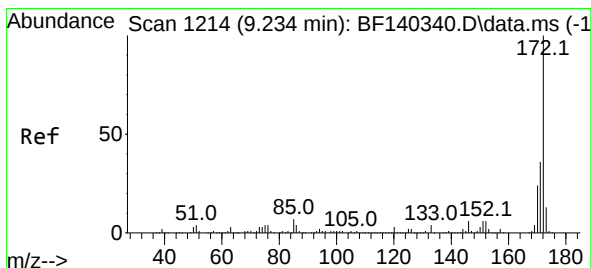
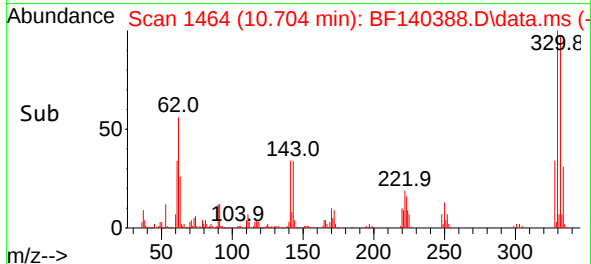
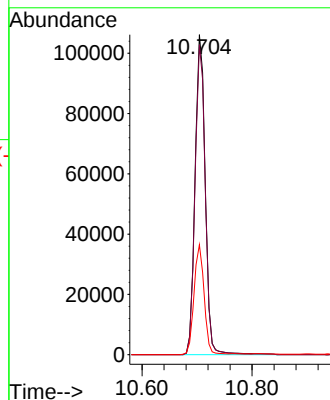
Tgt Ion:330 Resp: 136516

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 34.1 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 67.131 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

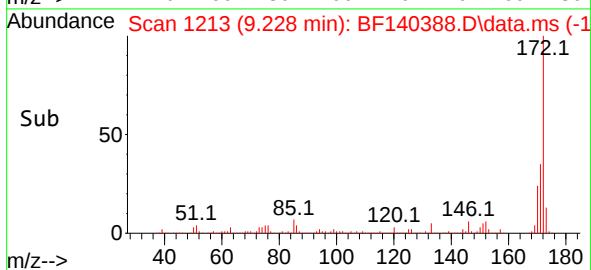
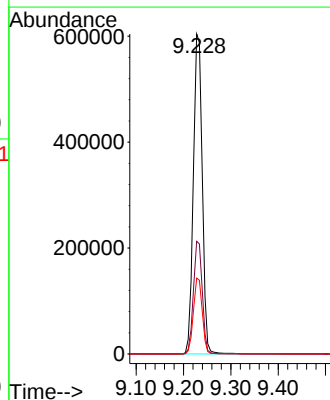
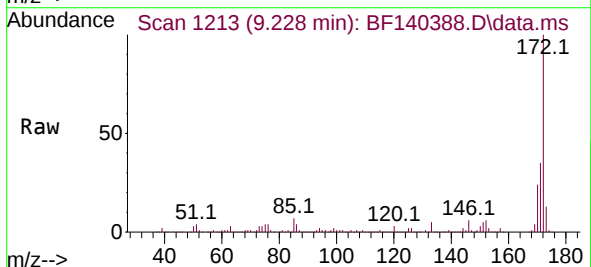
Tgt Ion:172 Resp: 786997

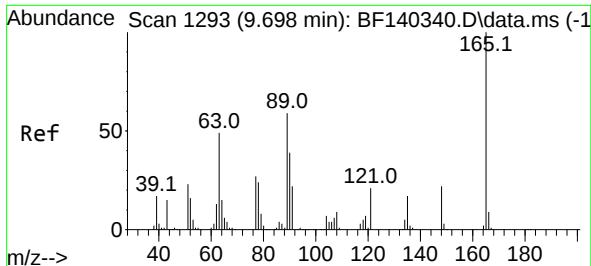
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.918 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

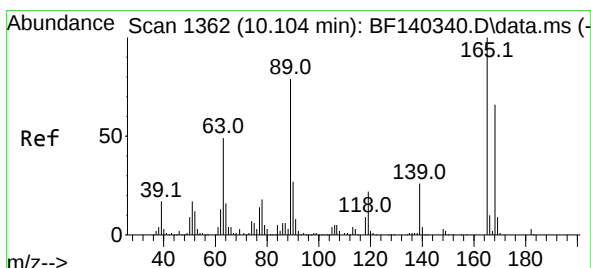
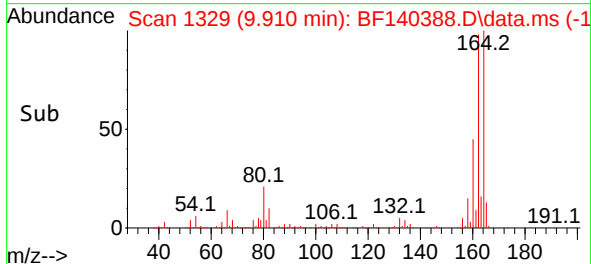
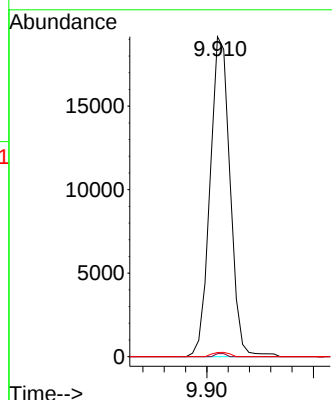
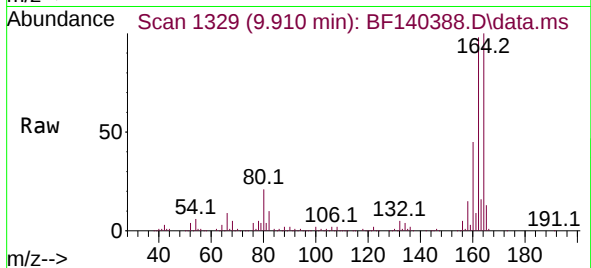
Tgt Ion:165 Resp: 24974

Ion Ratio Lower Upper

165 100

63 1.0 47.6 71.4#

89 1.3 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.776 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Tgt Ion:165 Resp: 24975

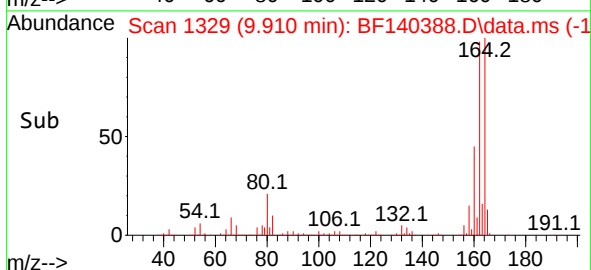
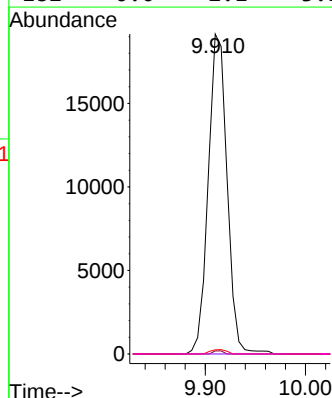
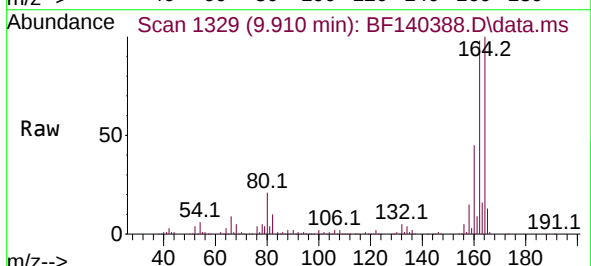
Ion Ratio Lower Upper

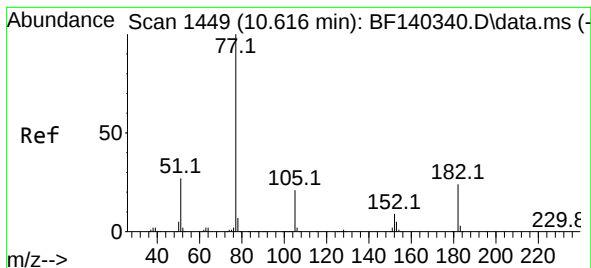
165 100

63 1.0 39.4 59.0#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.444 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

Tgt Ion: 77 Resp: 30329

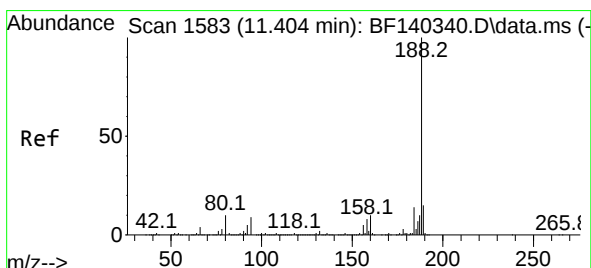
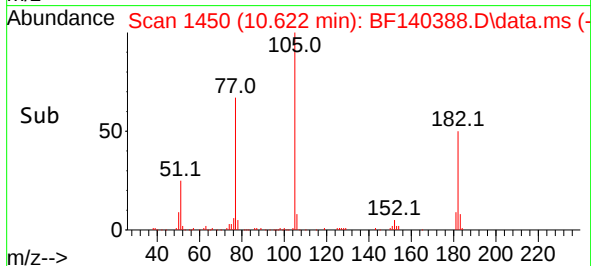
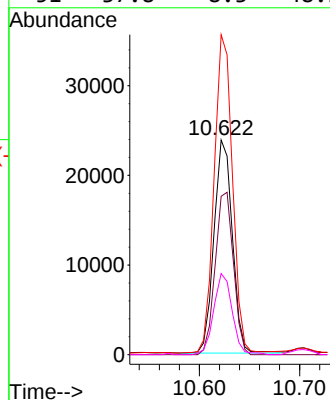
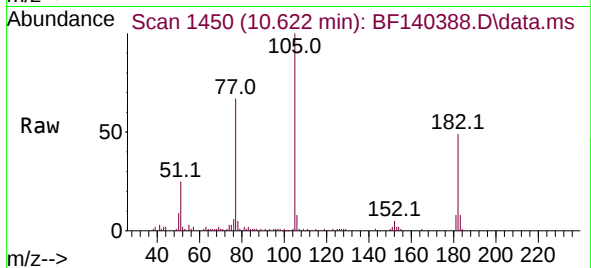
Ion Ratio Lower Upper

77 100

182 73.7 4.6 44.6#

105 149.0 0.9 40.9#

51 37.8 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

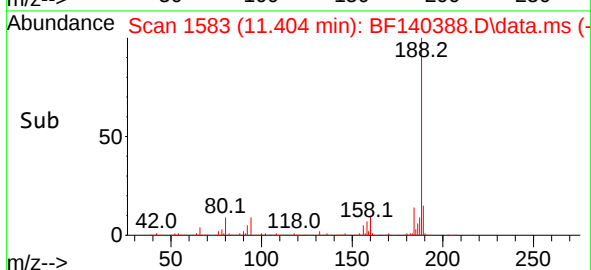
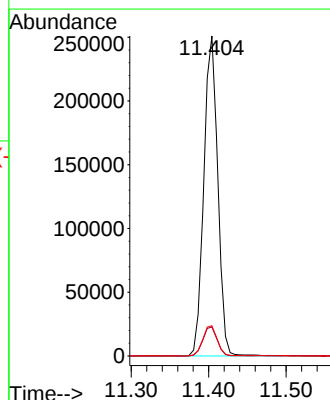
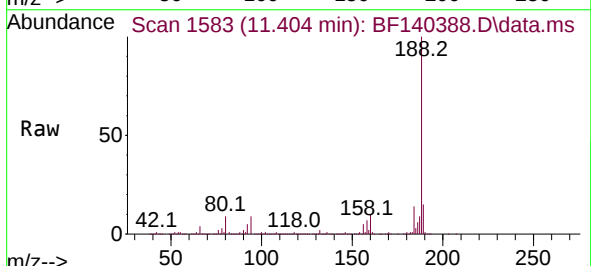
Tgt Ion:188 Resp: 313372

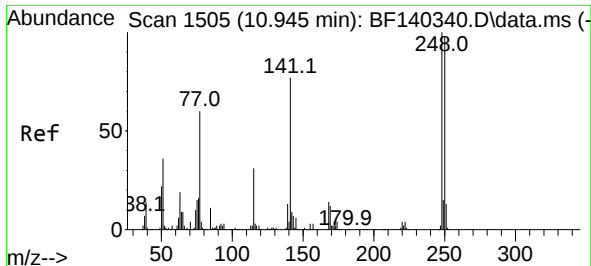
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.5 8.0 12.0

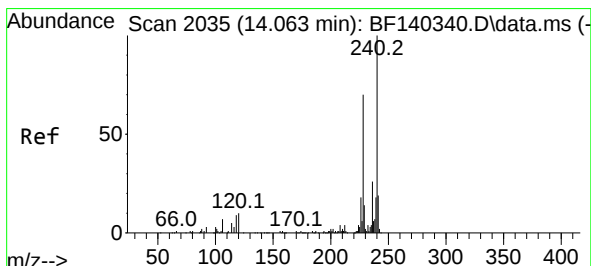
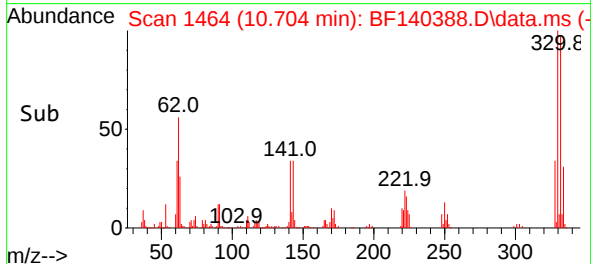
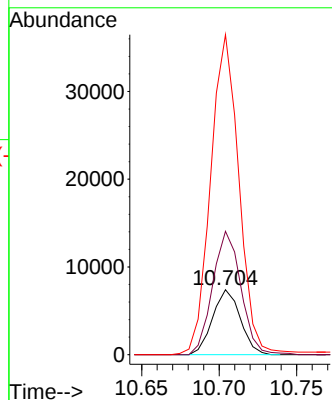
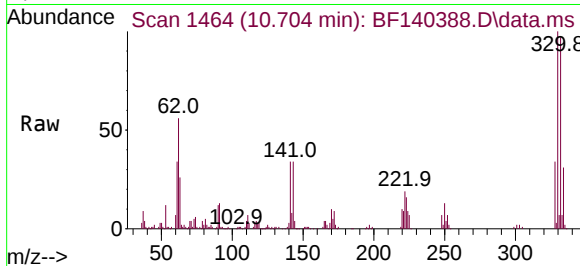




#67
4-Bromophenyl-phenylether
Concen: 2.948 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

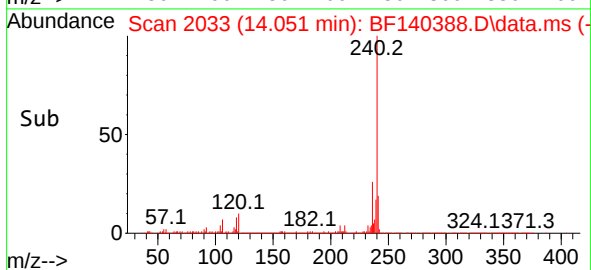
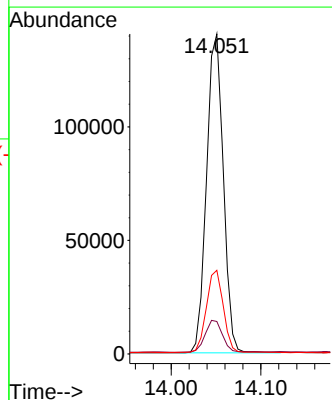
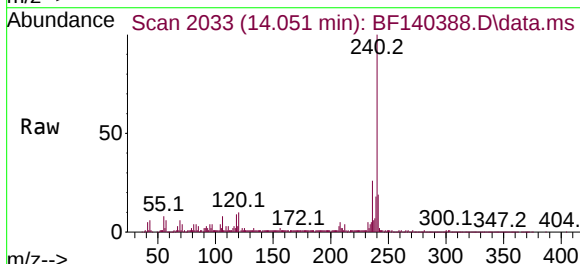
Instrument :
BNA_F
ClientSampleId :
BP-F21

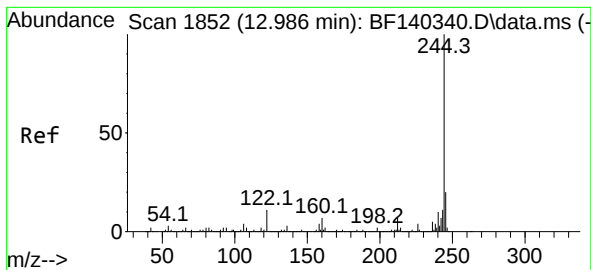
Tgt Ion:248 Resp: 9236
Ion Ratio Lower Upper
248 100
250 189.7 77.9 116.9#
141 492.1 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion:240 Resp: 182135
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 63.596 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

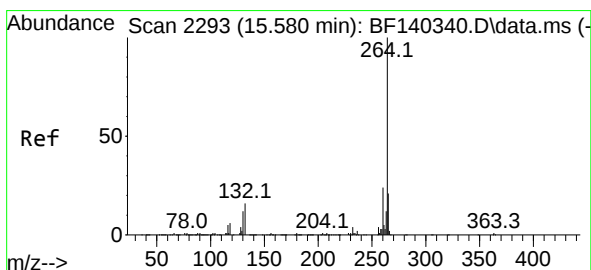
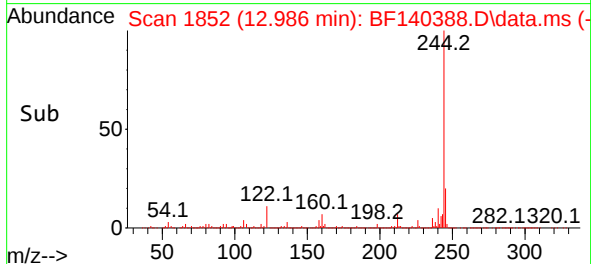
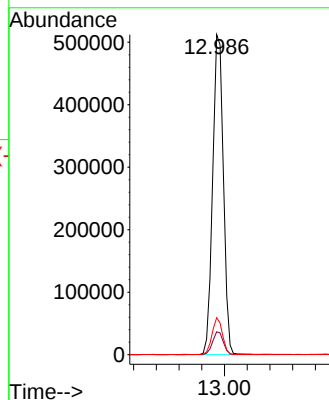
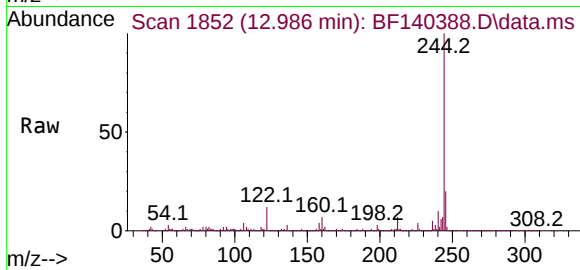
Tgt Ion:244 Resp: 667307

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Tgt Ion:264 Resp: 144029

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 17.1 25.7

