

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128029.D
 Acq On : 02 May 2022 16:44
 Operator : CG\JU
 Sample : N2619-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS03-1-2-FT

Quant Time: May 02 18:33:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

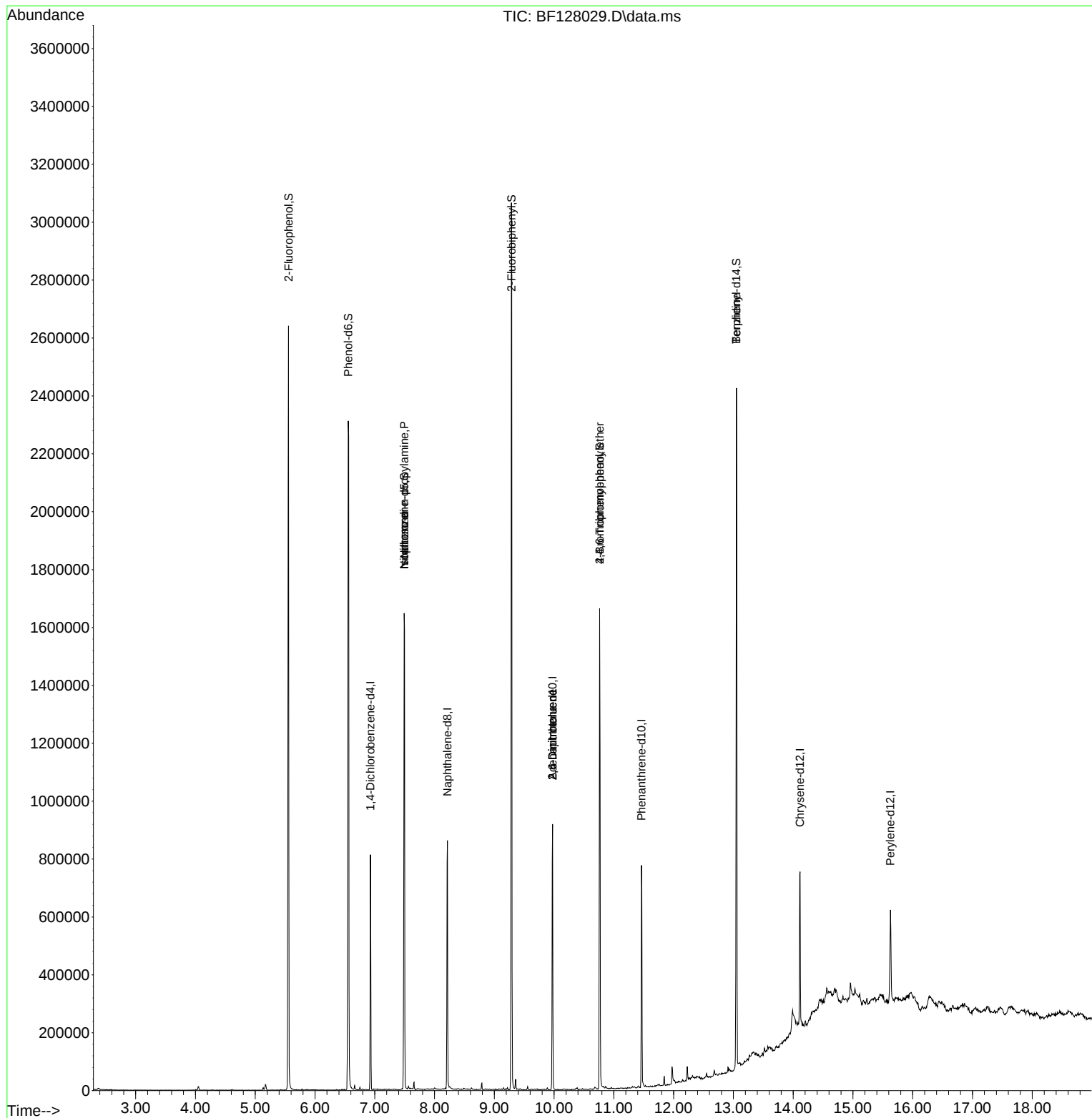
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	99919	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	361939	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	187892	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	282534	20.000	ng	0.00
76) Chrysene-d12	14.115	240	194630	20.000	ng	0.00
86) Perylene-d12	15.627	264	140251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	645694	102.928	ng	0.00
7) Phenol-d6	6.557	99	847315	104.093	ng	0.00
23) Nitrobenzene-d5	7.492	82	586586	76.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	181365	95.887	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	952213	85.735	ng	0.00
79) Terphenyl-d14	13.051	244	811529	76.244	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	79759	16.007	ng	# 81
25) Isophorone	7.492	82	582221	44.944	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	24029	8.807	ng	# 22
57) 2,4-Dinitrotoluene	9.975	165	24029	6.649	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	11371	3.631	ng	# 1
77) Benzidine	13.051	184	12741	3.460	ng	# 93

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

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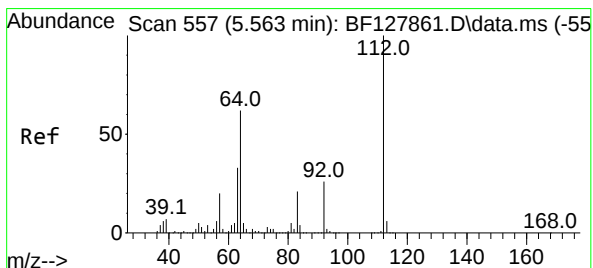
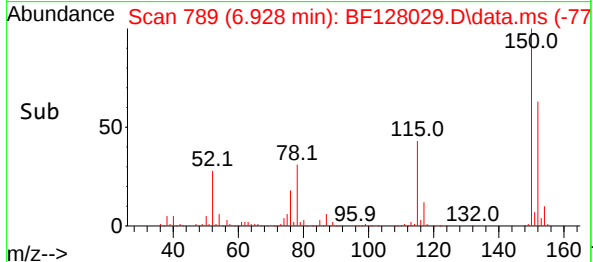
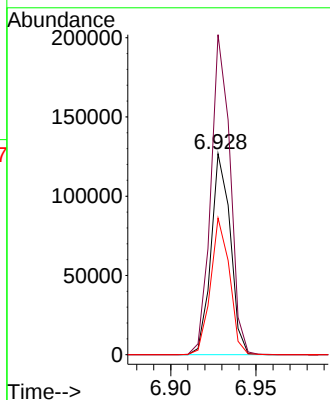
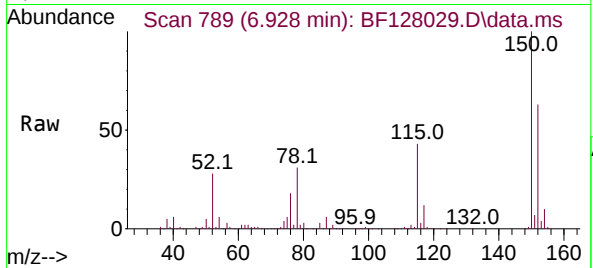




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

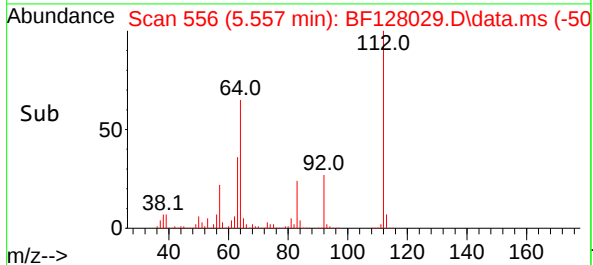
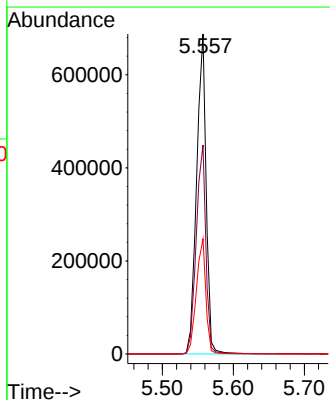
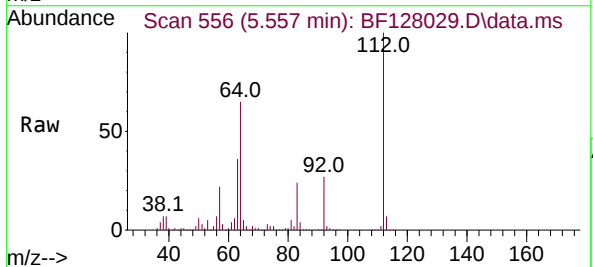
Instrument :
BNA_F
ClientSampleId :
SS03-1-2-FT

Tgt Ion:152 Resp: 99919
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 67.9 48.8 73.2



#5
2-Fluorophenol
Concen: 102.928 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

Tgt Ion:112 Resp: 645694
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 36.0 26.3 39.5

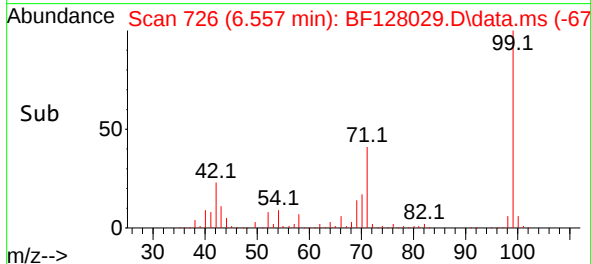
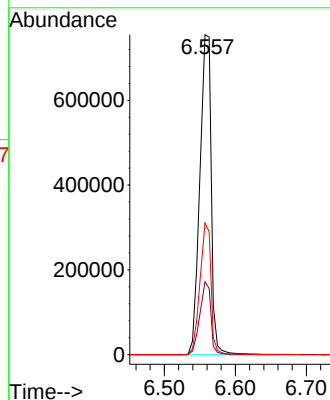
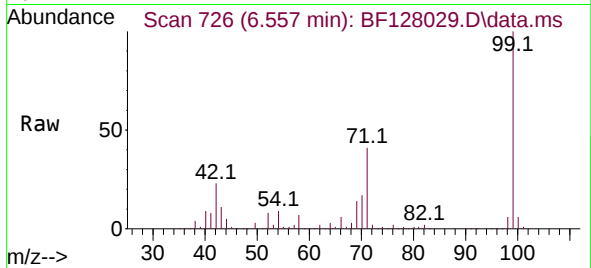




#7
Phenol-d6
Concen: 104.093 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

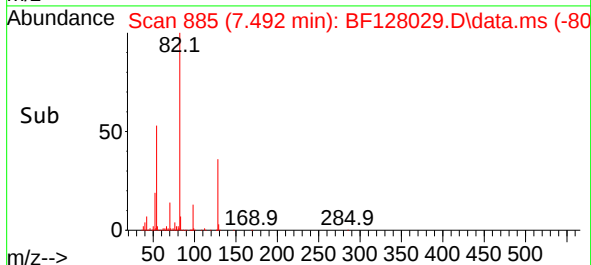
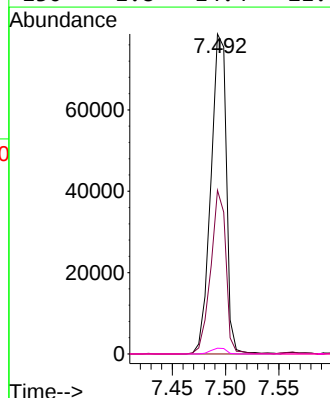
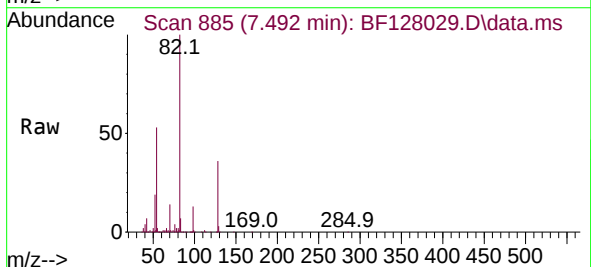
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BNA_F
ClientSampleId :
SS03-1-2-FT

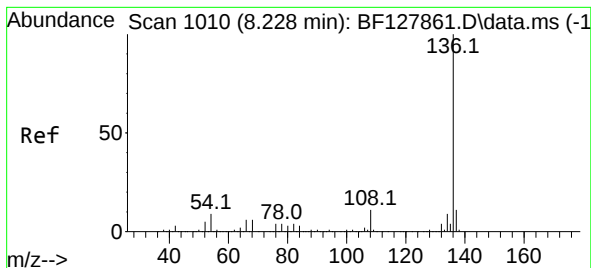
Tgt Ion: 99 Resp: 847315
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.007 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

Tgt Ion: 70 Resp: 79759
Ion Ratio Lower Upper
70 100
42 51.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

SS03-1-2-FT

Tgt Ion:136 Resp: 361939

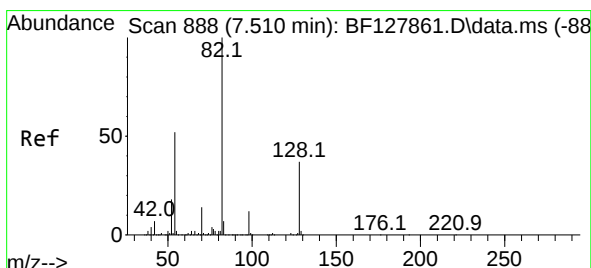
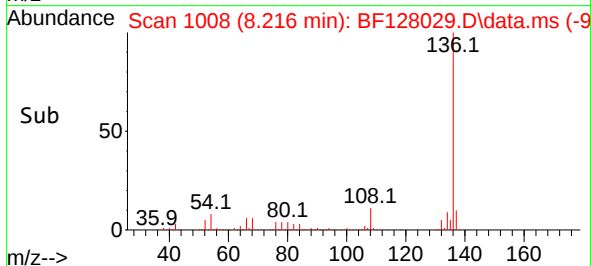
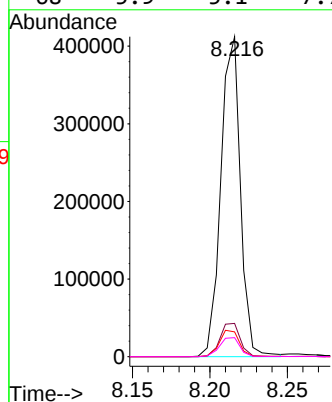
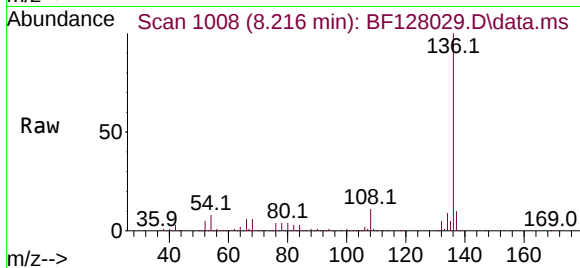
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 7.7 6.8 10.2

68 5.9 5.1 7.7



#23

Nitrobenzene-d5

Concen: 76.211 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

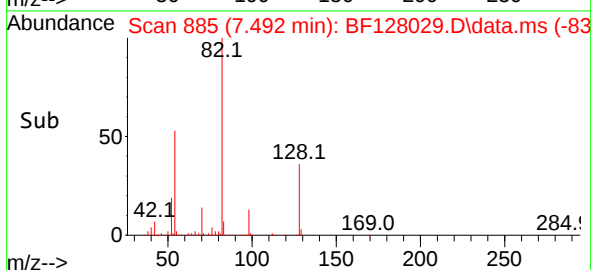
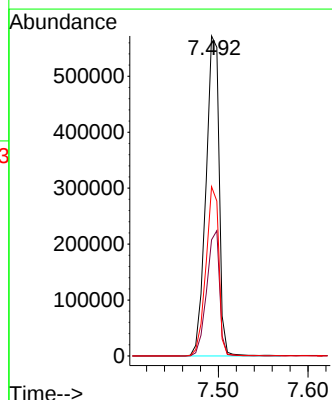
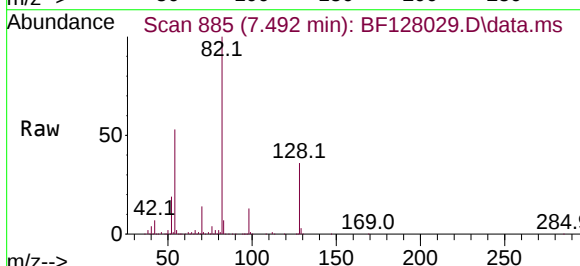
Tgt Ion: 82 Resp: 586586

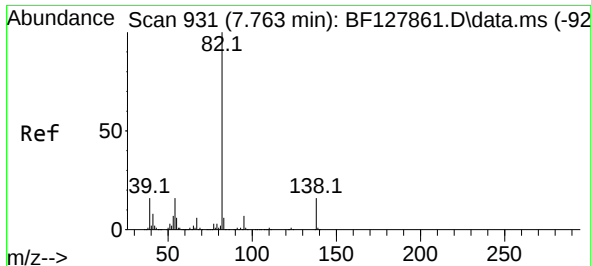
Ion Ratio Lower Upper

82 100

128 36.3 30.0 45.0

54 52.9 41.3 61.9

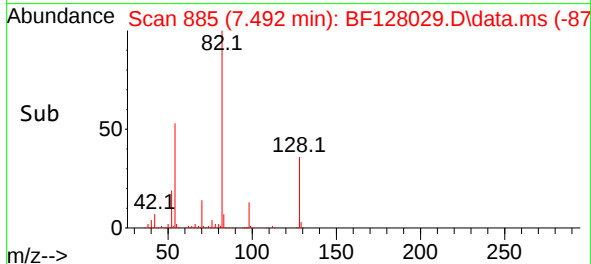
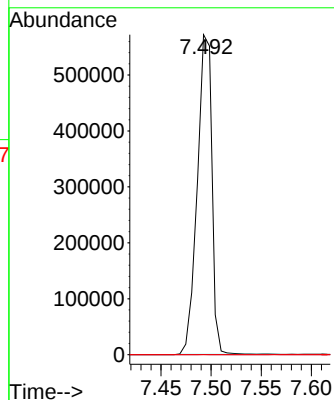
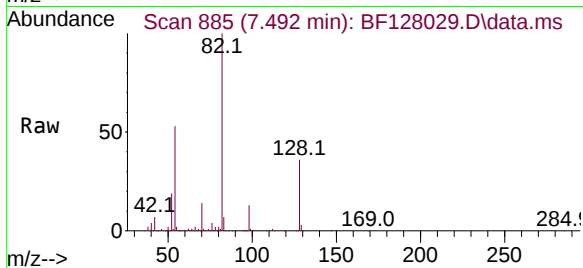




#25
Isophorone
Concen: 44.944 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

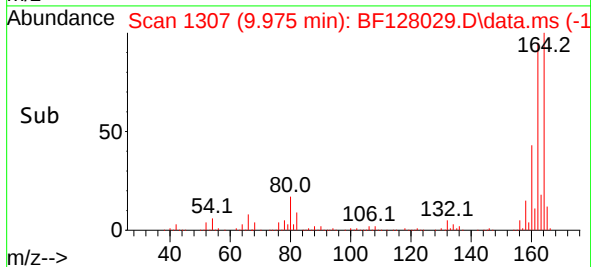
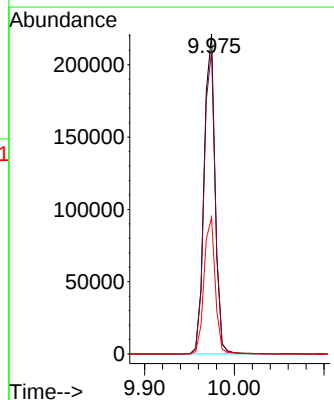
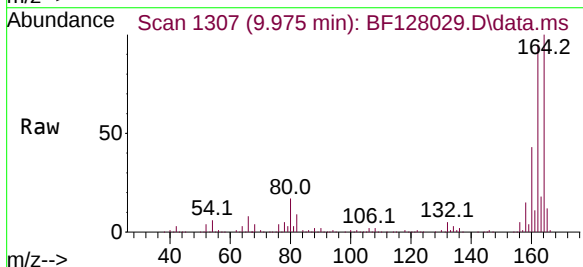
Instrument :
BNA_F
ClientSampleId :
SS03-1-2-FT

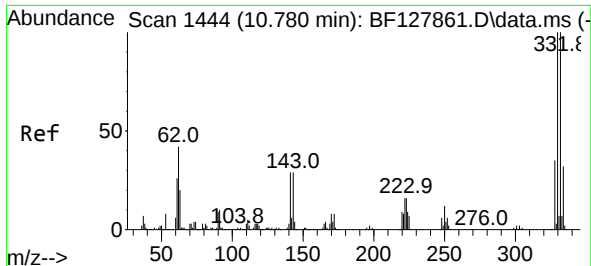
Tgt Ion: 82 Resp: 582221
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

Tgt Ion: 164 Resp: 187892
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 95.887 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF128029.D

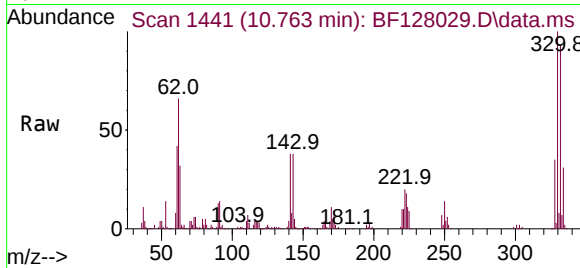
Acq: 02 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

SS03-1-2-FT



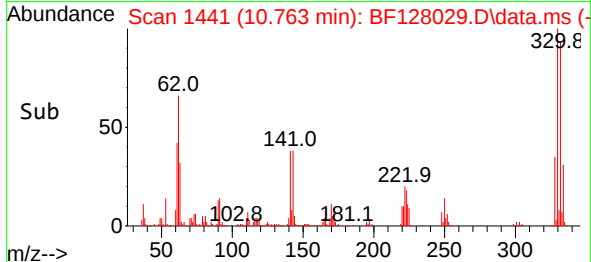
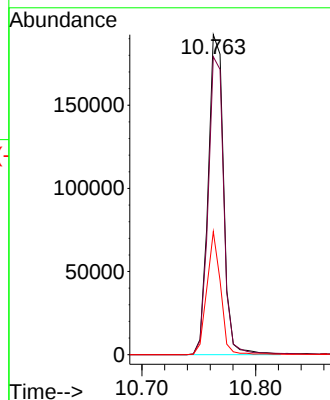
Tgt Ion: 330 Resp: 181365

Ion Ratio Lower Upper

330 100

332 94.3 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.735 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

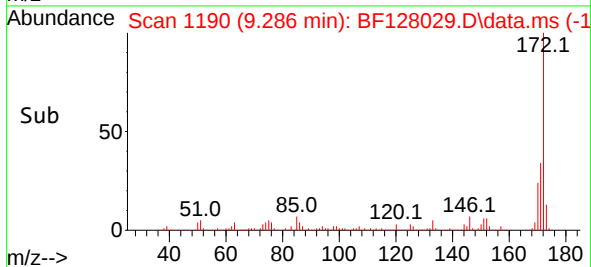
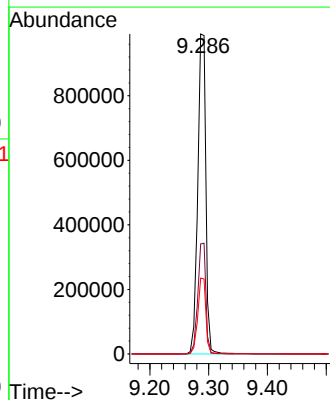
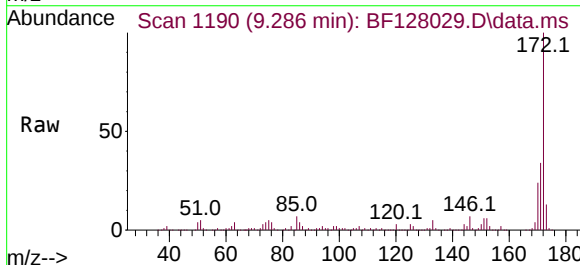
Tgt Ion: 172 Resp: 952213

Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.807 ng

RT: 9.975 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

SS03-1-2-FT

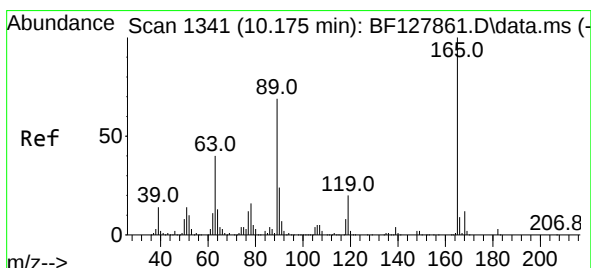
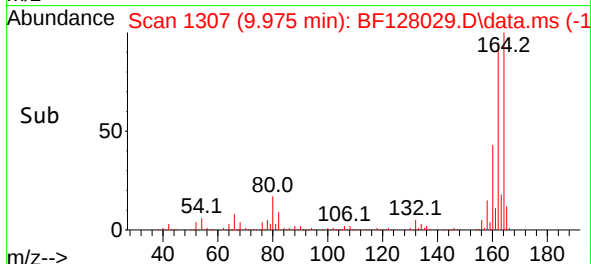
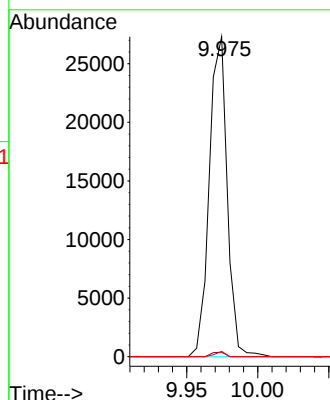
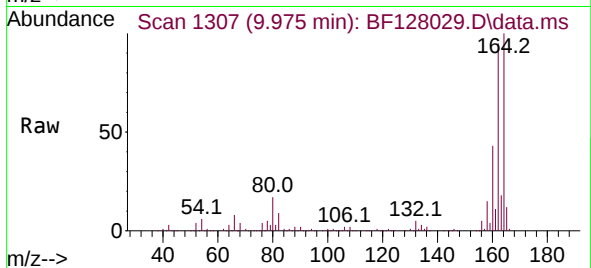
Tgt Ion:165 Resp: 24029

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.7 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.649 ng

RT: 9.975 min Scan# 1307

Delta R.T. -0.188 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

Tgt Ion:165 Resp: 24029

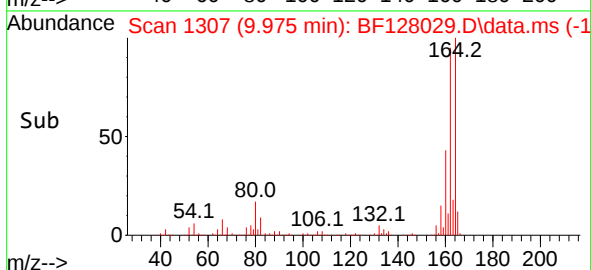
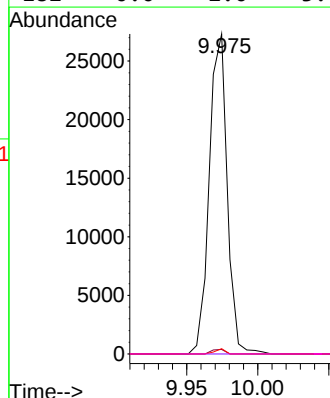
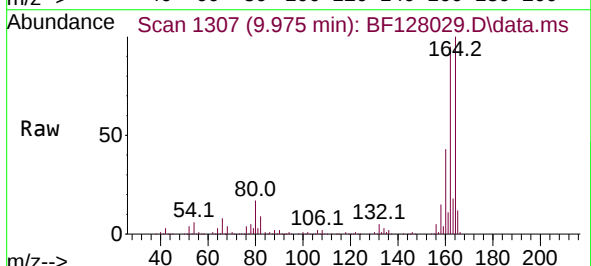
Ion Ratio Lower Upper

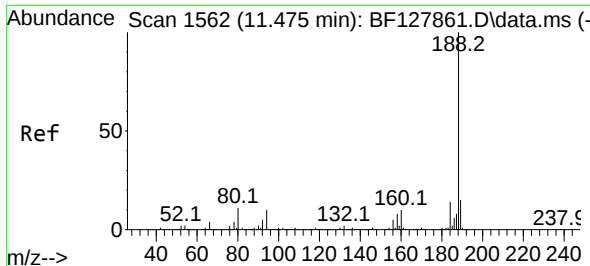
165 100

63 1.4 32.6 49.0#

89 1.7 55.2 82.8#

182 0.0 2.0 3.0#

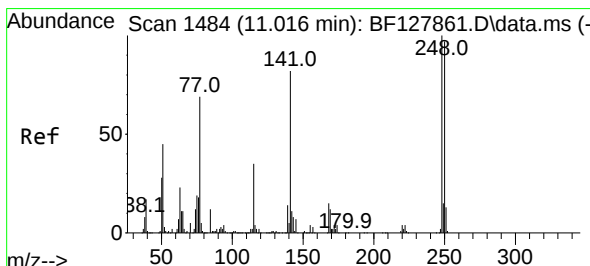
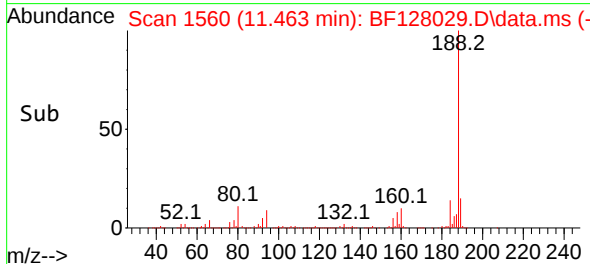
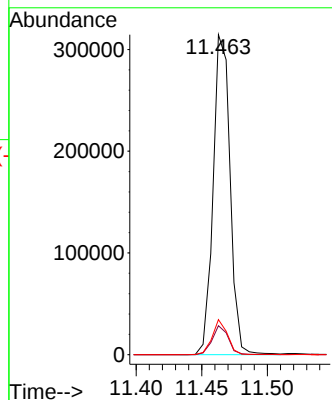
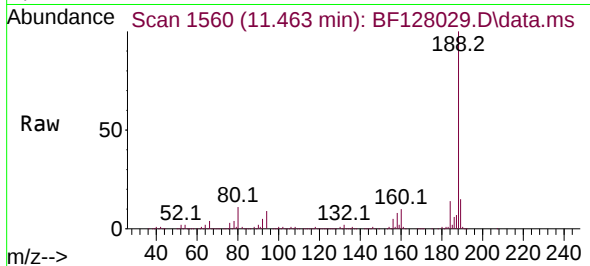




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

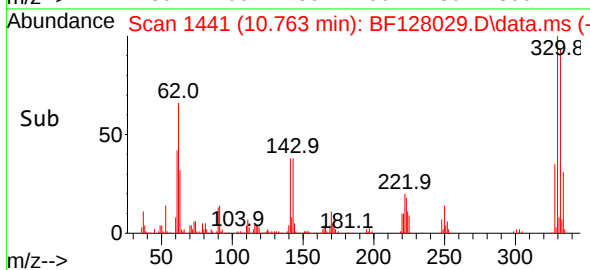
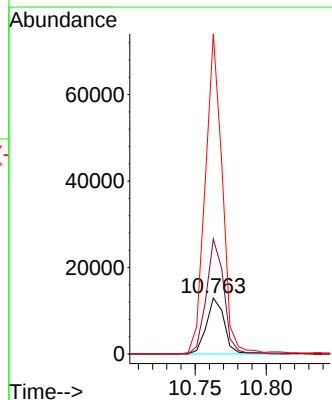
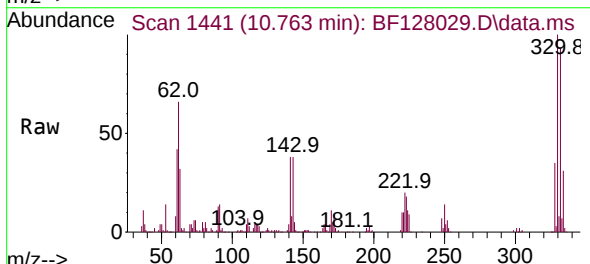
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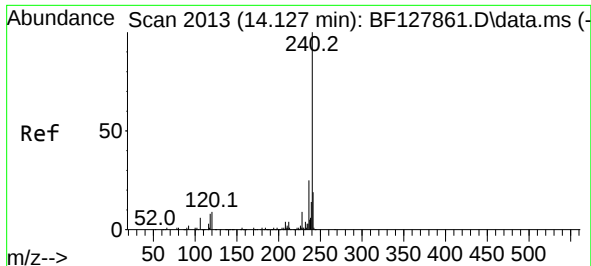
Tgt Ion:188 Resp: 282534
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 11.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

Tgt Ion:248 Resp: 11371
Ion Ratio Lower Upper
248 100
250 205.4 77.7 116.5#
141 572.1 65.6 98.4#

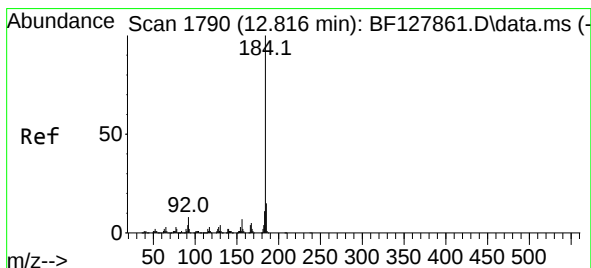
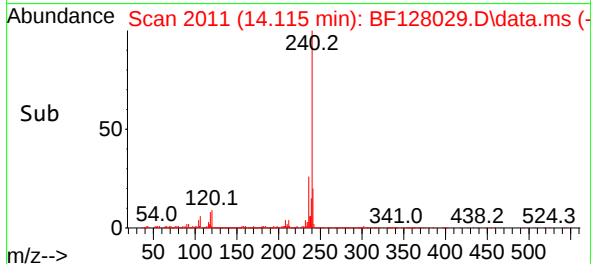
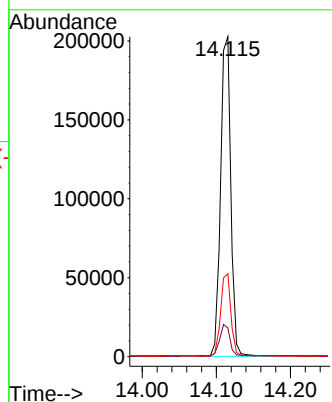
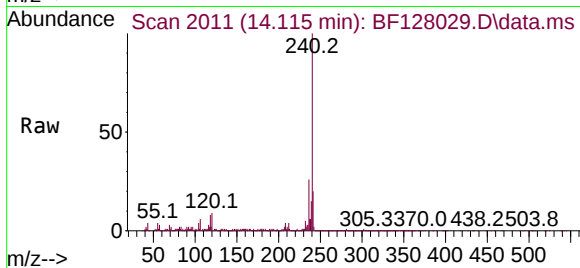




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

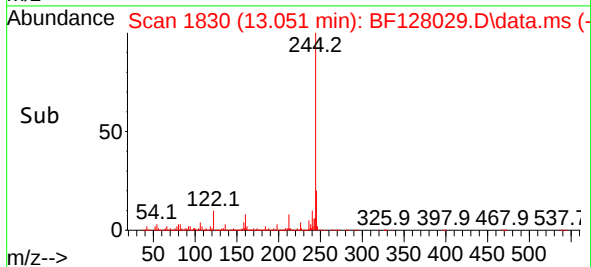
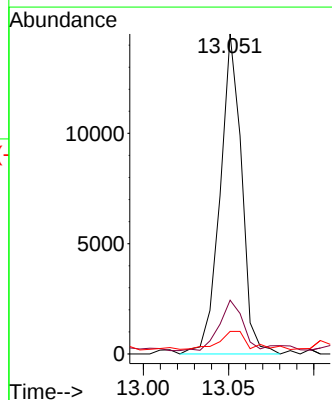
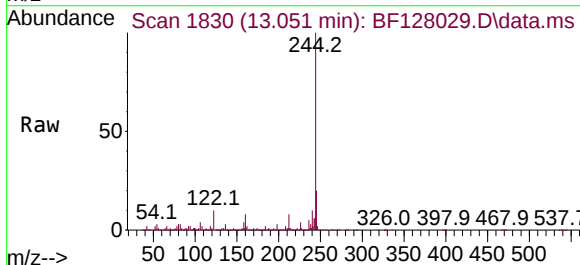
Instrument :
BNA_F
ClientSampleId :
SS03-1-2-FT

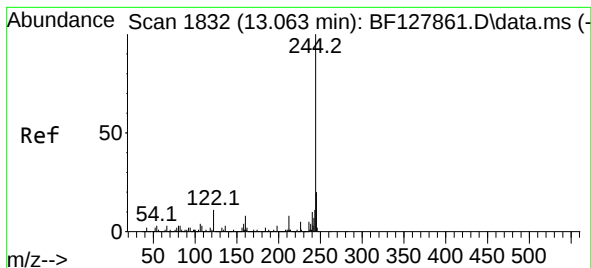
Tgt Ion:240 Resp: 194630
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 3.460 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF128029.D
Acq: 02 May 2022 16:44

Tgt Ion:184 Resp: 12741
Ion Ratio Lower Upper
184 100
185 16.8 12.1 18.1
183 7.0 9.0 13.4#





#79

Terphenyl-d14

Concen: 76.244 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

SS03-1-2-FT

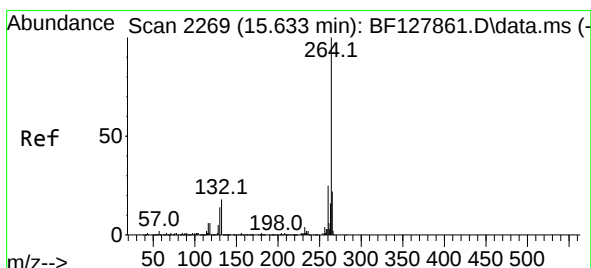
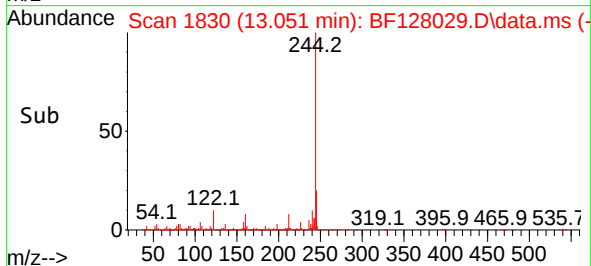
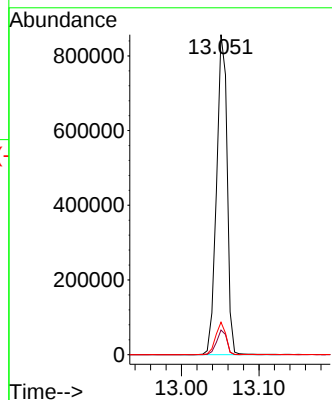
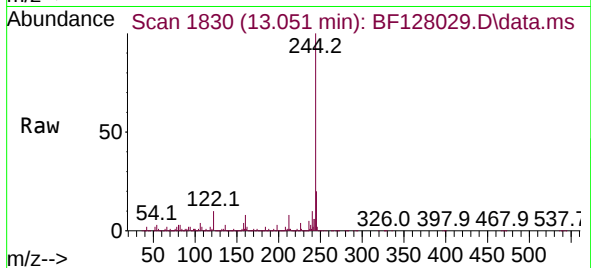
Tgt Ion:244 Resp: 811529

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 10.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. 0.006 min

Lab File: BF128029.D

Acq: 02 May 2022 16:44

Tgt Ion:264 Resp: 140251

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.3 17.5 26.3

