

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135356.D
 Acq On : 20 Sep 2023 14:30
 Operator : CG\JU
 Sample : 04351-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-01

Quant Time: Sep 20 15:02:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

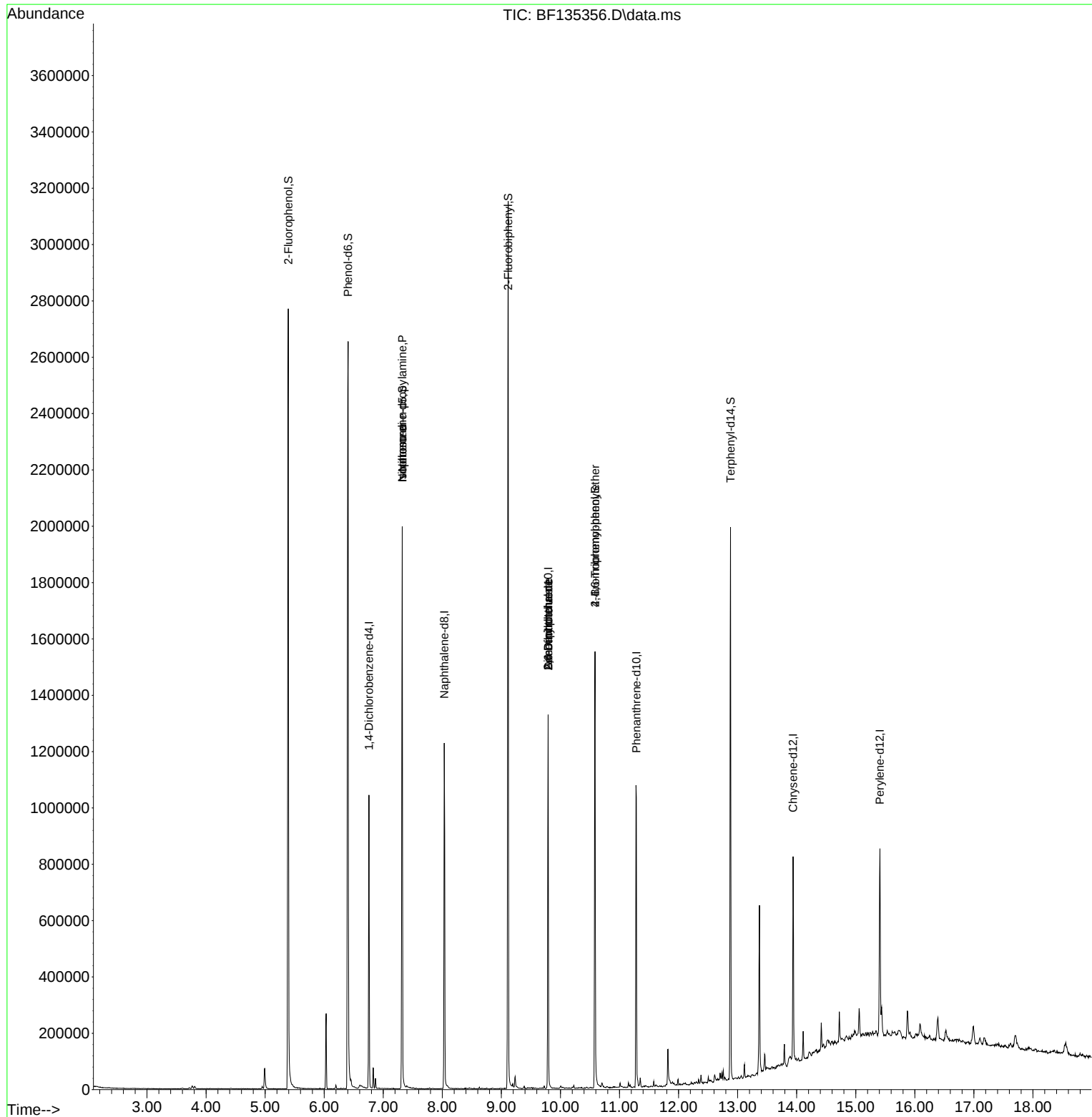
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	139635	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	521009	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	248691	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	419050	20.000	ng	0.00
76) Chrysene-d12	13.939	240	237958	20.000	ng	0.00
86) Perylene-d12	15.410	264	303001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	757429	88.224	ng	0.00
7) Phenol-d6	6.404	99	954685	87.452	ng	0.00
23) Nitrobenzene-d5	7.322	82	587262	61.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	177197	71.699	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	982470	59.603	ng	-0.01
79) Terphenyl-d14	12.880	244	668129	43.526	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	78034	11.540	ng	# 83
25) Isophorone	7.322	82	587256	33.349	ng	# 65
50) Dimethylphthalate	9.792	163	48770	2.901	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	32105	8.716	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	32105	6.962	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	11551	2.772	ng	# 1

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

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Quant Time: Sep 20 15:02:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

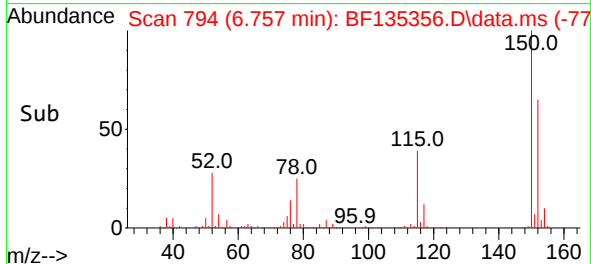
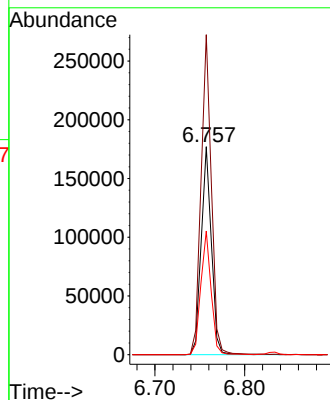
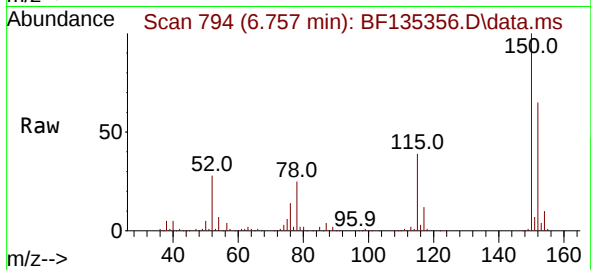




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

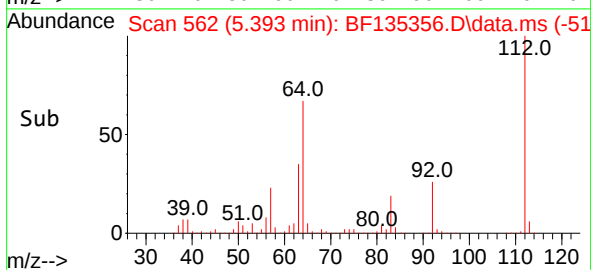
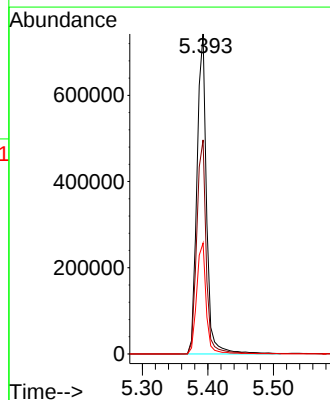
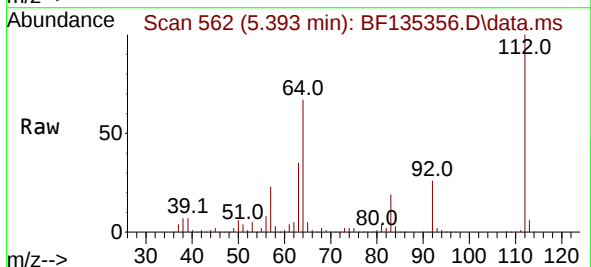
Instrument :
BNA_F
ClientSampleId :
CPT102-01

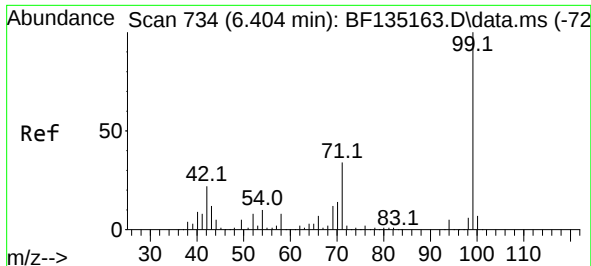
Tgt Ion:152 Resp: 139635
Ion Ratio Lower Upper
152 100
150 153.8 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 88.224 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:112 Resp: 757429
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 34.7 29.0 43.6

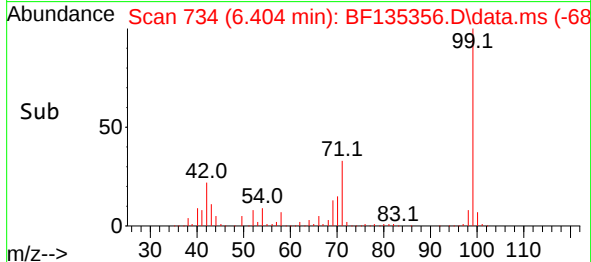
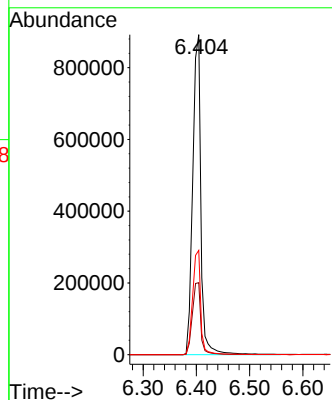
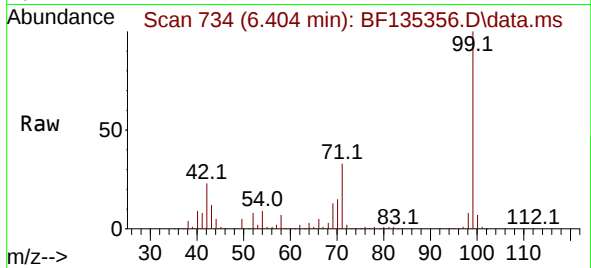




#7
Phenol-d6
Concen: 87.452 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

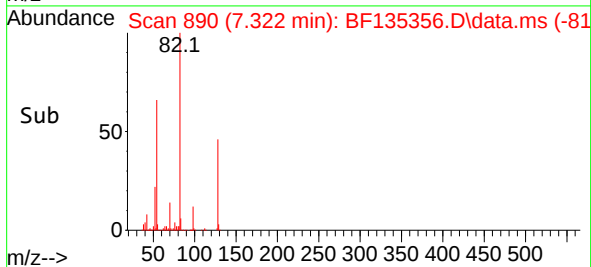
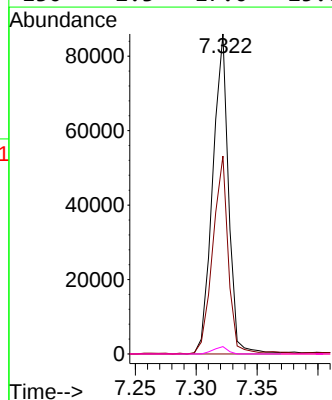
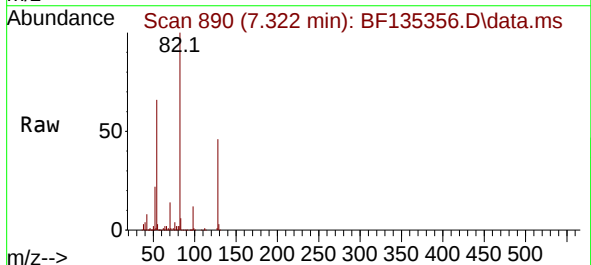
Instrument :
BNA_F
ClientSampleId :
CPT102-01

Tgt Ion: 99 Resp: 954685
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 32.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.540 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion: 70 Resp: 78034
Ion Ratio Lower Upper
70 100
42 61.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

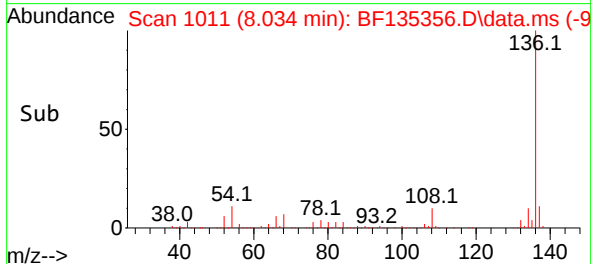
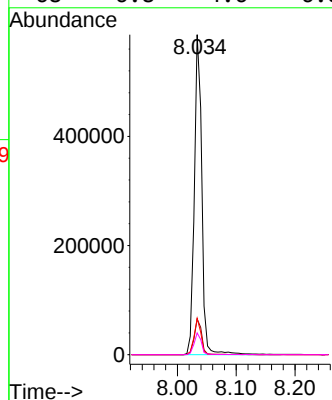
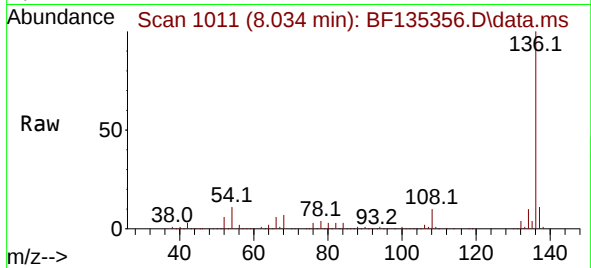




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

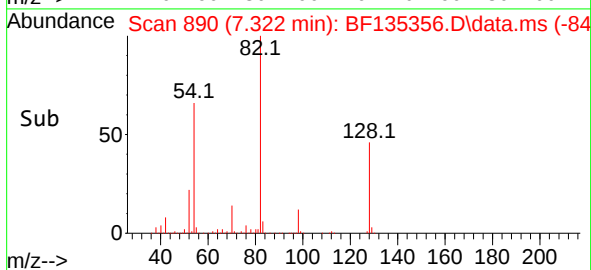
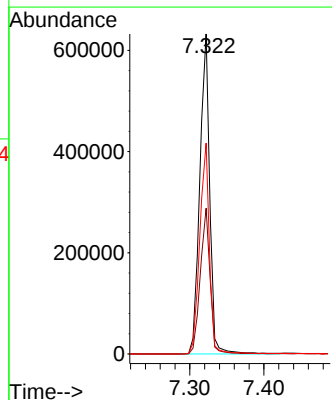
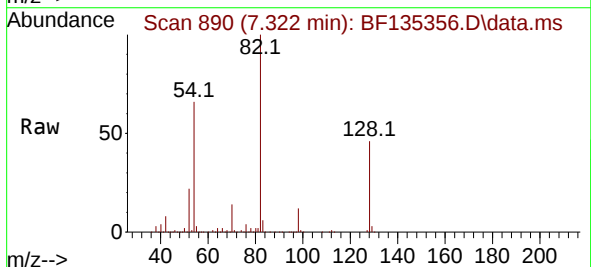
Instrument :
BNA_F
ClientSampleId :
CPT102-01

Tgt Ion:136 Resp: 521009
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.3 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 61.238 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion: 82 Resp: 587262
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 65.9 50.6 76.0

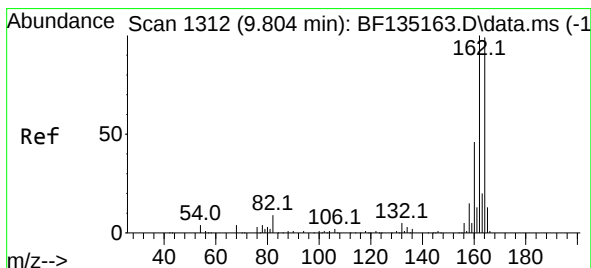
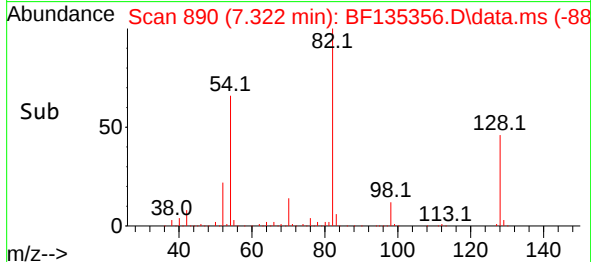
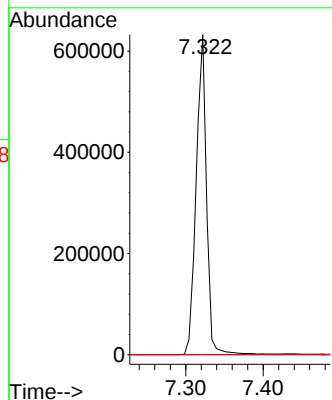
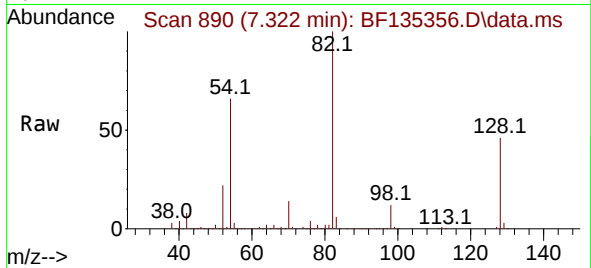




#25
Isophorone
Concen: 33.349 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

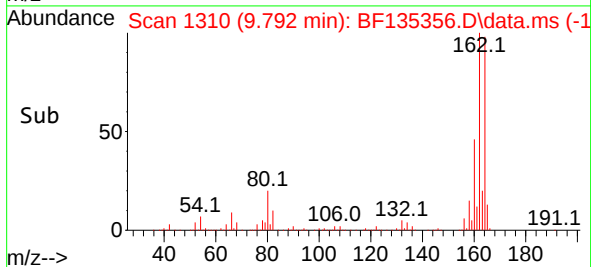
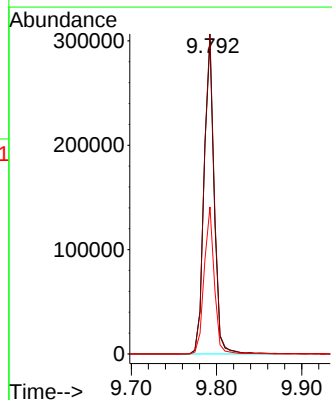
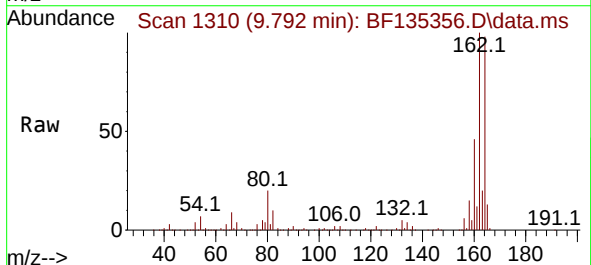
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ClientSampleId :
CPT102-01

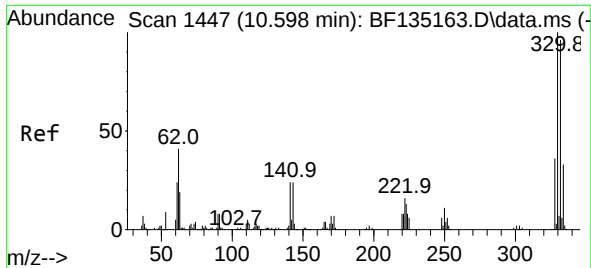
Tgt Ion: 82 Resp: 587256
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:164 Resp: 248691
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 46.9 37.0 55.4

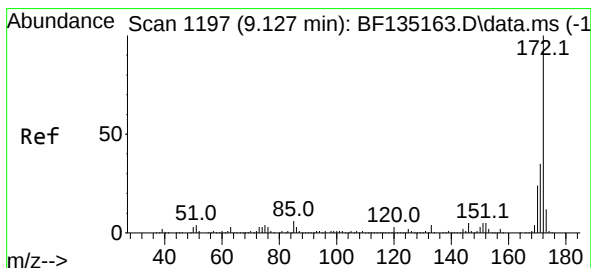
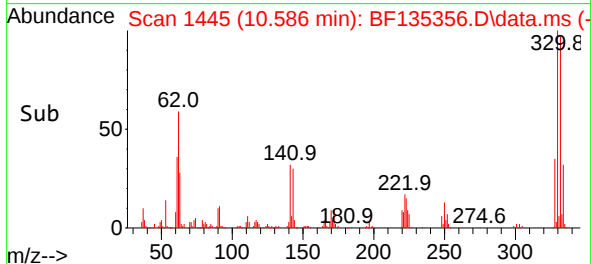
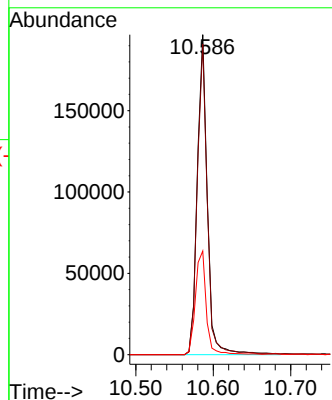
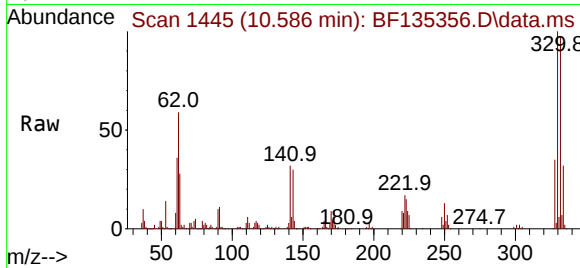




#42
2,4,6-Tribromophenol
Concen: 71.699 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

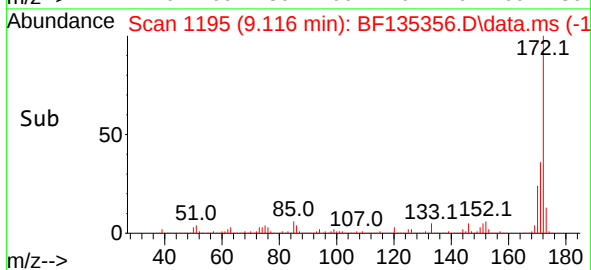
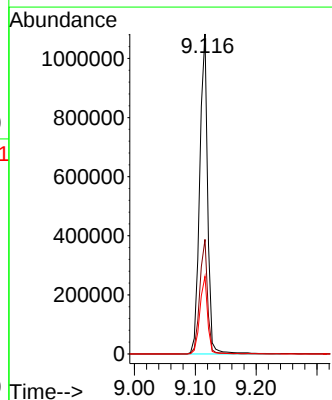
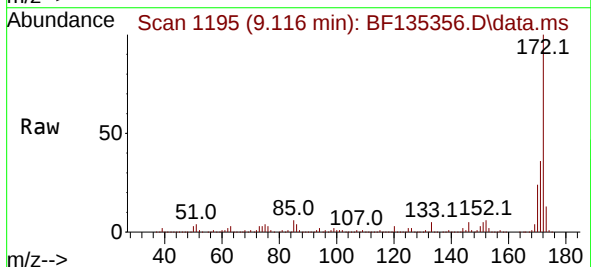
Instrument :
BNA_F
ClientSampleId :
CPT102-01

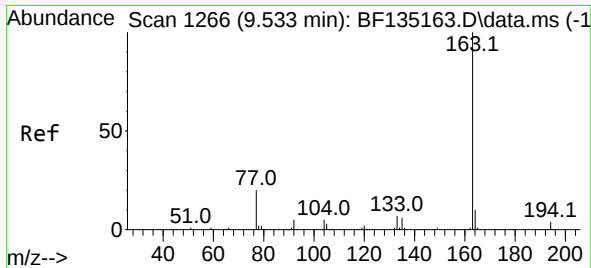
Tgt Ion:330 Resp: 177197
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 35.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.603 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:172 Resp: 982470
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 19.0 28.4

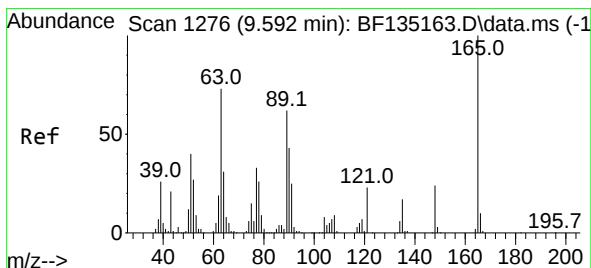
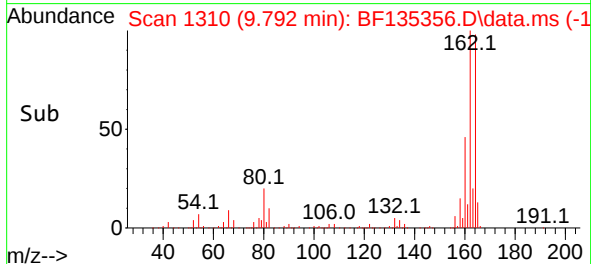
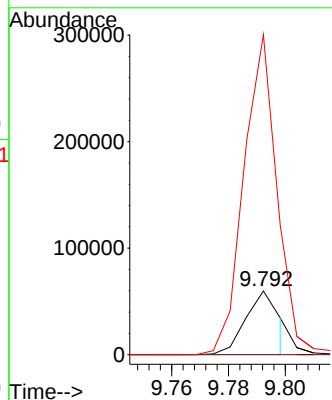
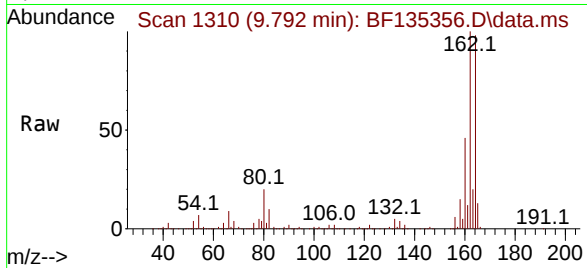




#50
Dimethylphthalate
Concen: 2.901 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

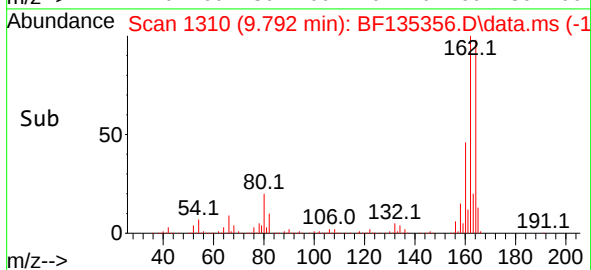
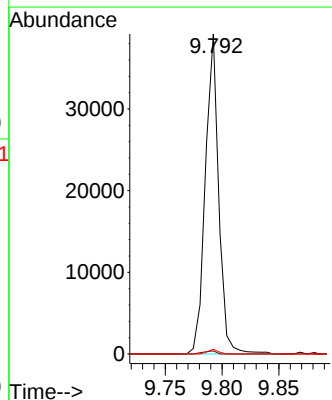
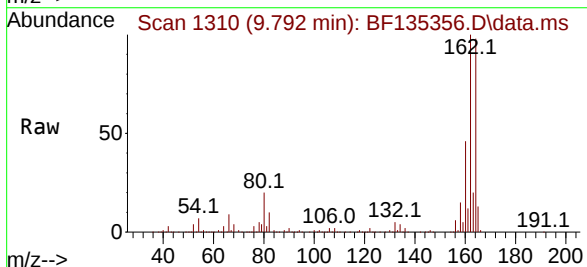
Instrument :
BNA_F
ClientSampleId :
CPT102-01

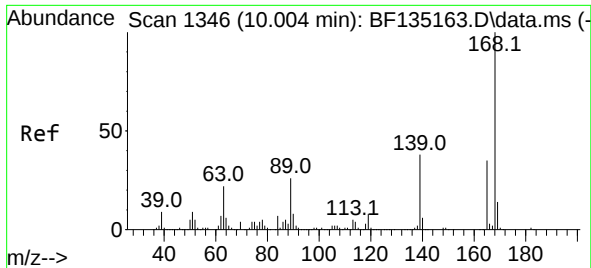
Tgt Ion:163 Resp: 48770
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 502.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.716 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:165 Resp: 32105
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.5 49.8 74.8#

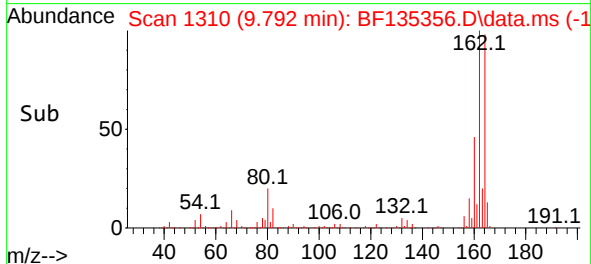
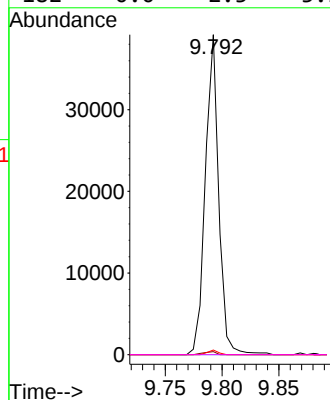
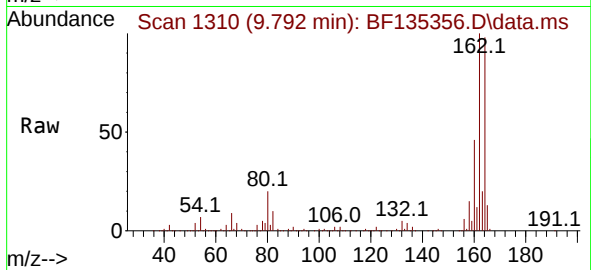




#57
2,4-Dinitrotoluene
Concen: 6.962 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

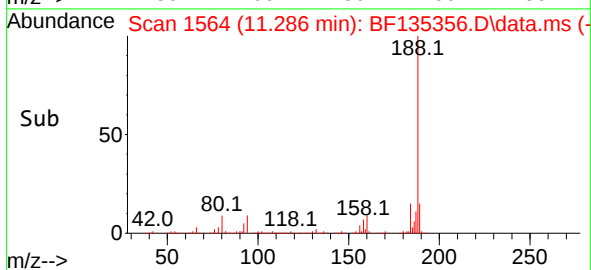
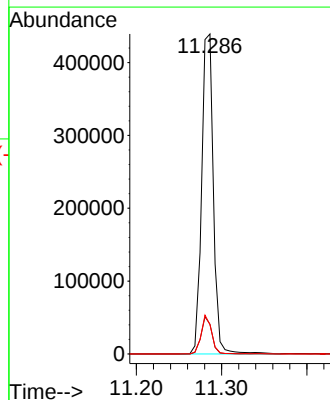
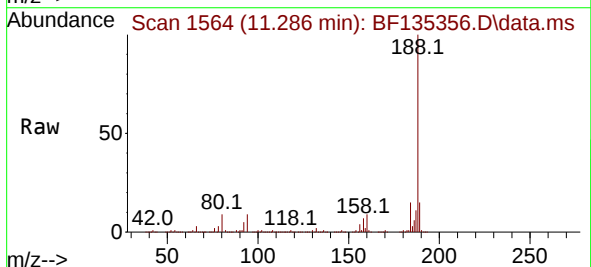
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BNA_F
ClientSampleId :
CPT102-01

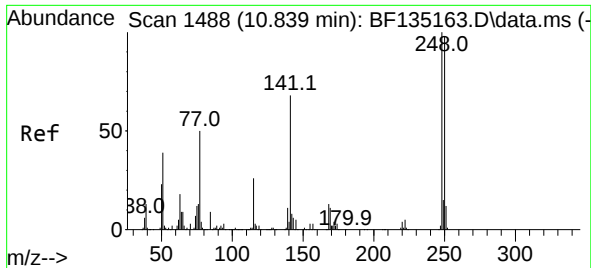
Tgt Ion:165 Resp: 32105
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:188 Resp: 419050
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.1 7.5 11.3

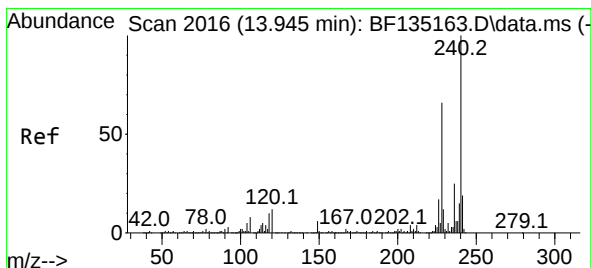
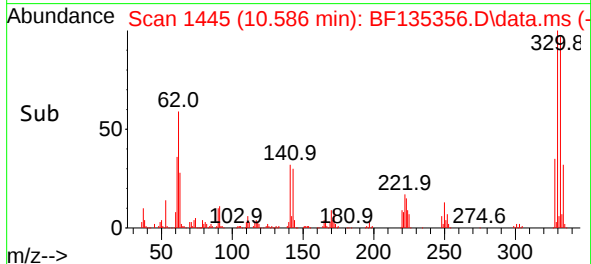
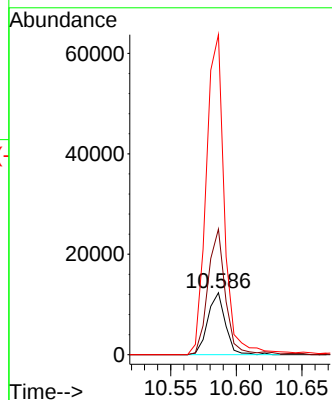
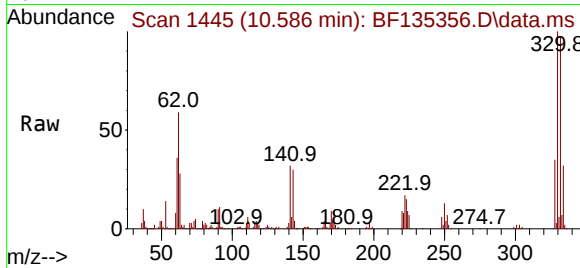




#67
4-Bromophenyl-phenylether
Concen: 2.772 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

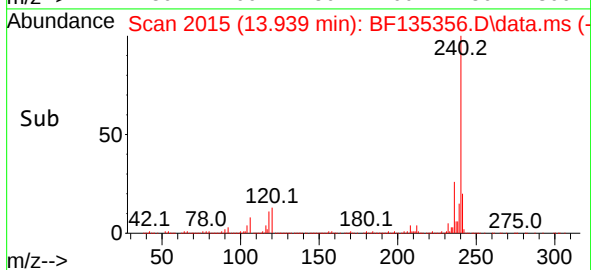
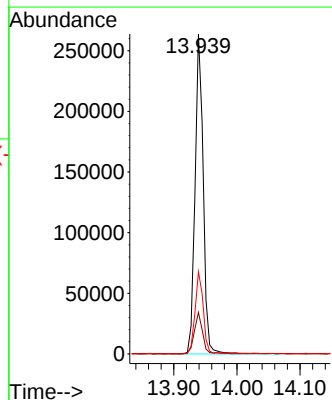
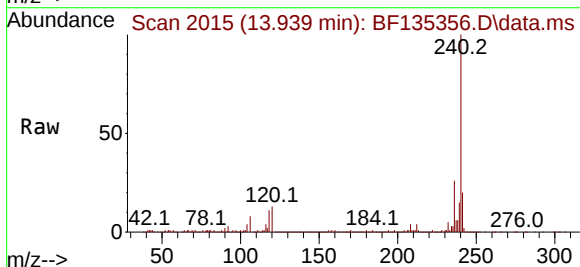
Instrument :
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CPT102-01

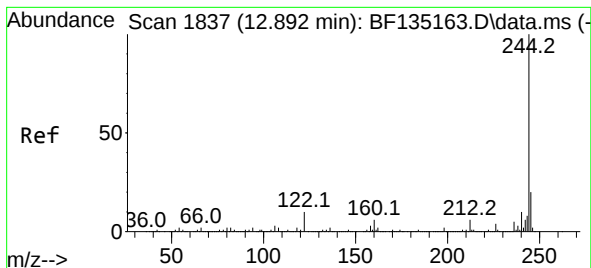
Tgt Ion:248 Resp: 11551
Ion Ratio Lower Upper
248 100
250 203.2 78.6 117.8#
141 517.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135356.D
Acq: 20 Sep 2023 14:30

Tgt Ion:240 Resp: 237958
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 43.526 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135356.D

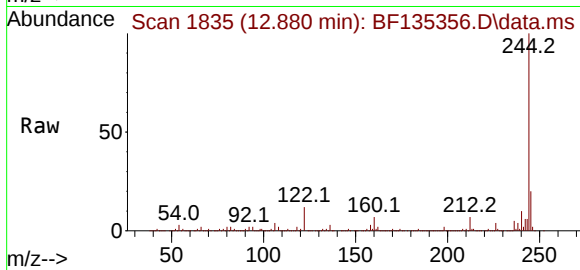
Acq: 20 Sep 2023 14:30

Instrument :

BNA_F

ClientSampleId :

CPT102-01



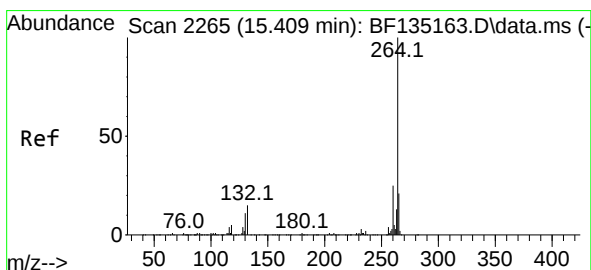
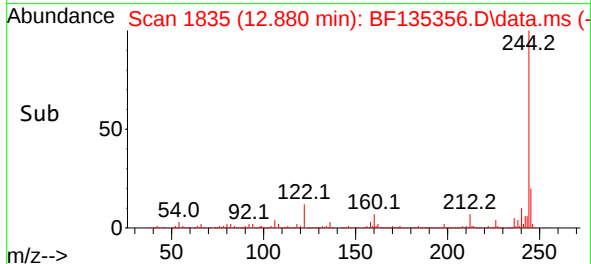
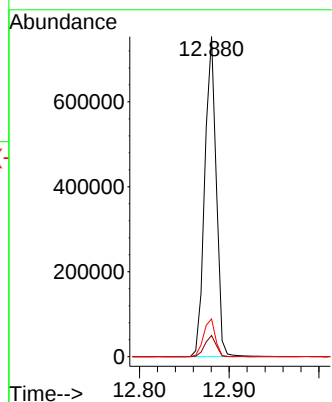
Tgt Ion:244 Resp: 668129

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135356.D

Acq: 20 Sep 2023 14:30

Tgt Ion:264 Resp: 303001

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.9 17.0 25.4

