

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134727.D
 Acq On : 11 Aug 2023 11:57
 Operator : CG\JU
 Sample : 03955-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-27

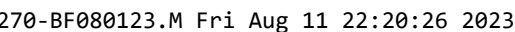
Quant Time: Aug 11 22:20:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

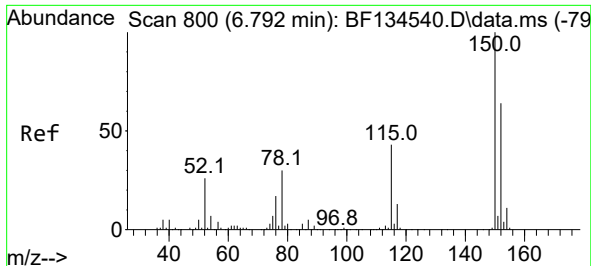
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	166153	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	605073	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	257157	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	402878	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	338181	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	276049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	693666	63.462	ng	0.00
7) Phenol-d6	6.434	99	850497	60.870	ng	0.00
23) Nitrobenzene-d5	7.357	82	482028	49.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	167814	64.015	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	874177	56.521	ng	-0.01
79) Terphenyl-d14	12.916	244	840026	43.789	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	122	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	66067	7.897	ng	# 73
25) Isophorone	7.357	82	479414	22.702	ng	# 65
48) 2-Nitroaniline	9.392	65	54	3.177	ng	# 8
50) Dimethylphthalate	9.833	163	52870	3.016	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	33306	11.288	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	33307	10.074	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	492	8.946	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	10616	2.407	ng	# 1

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

Quant Time: Aug 11 22:20:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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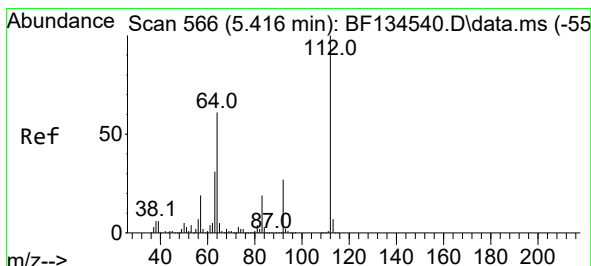
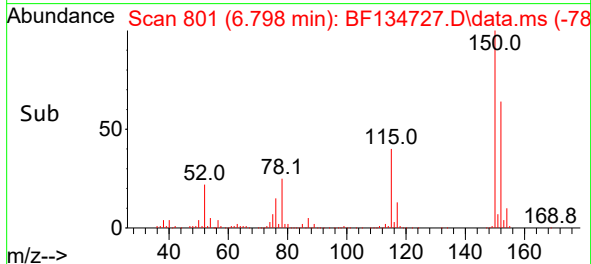
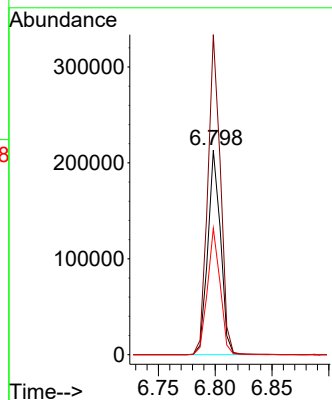
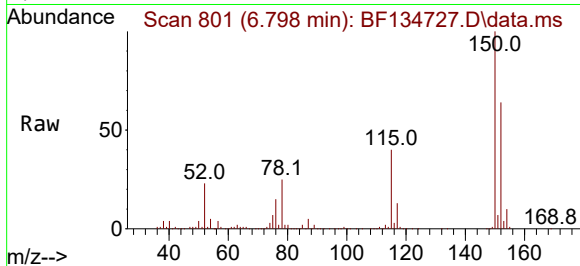




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

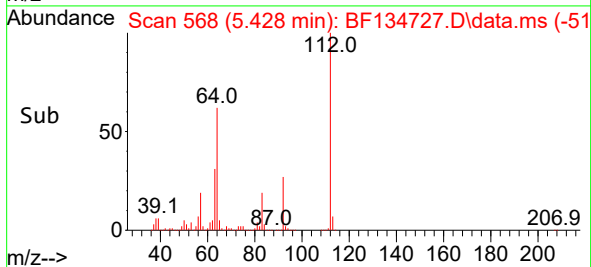
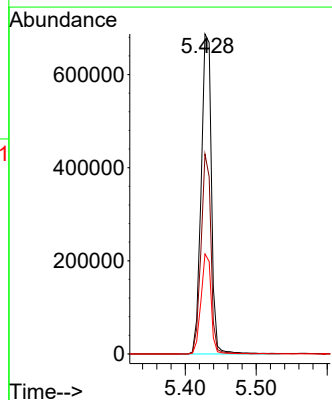
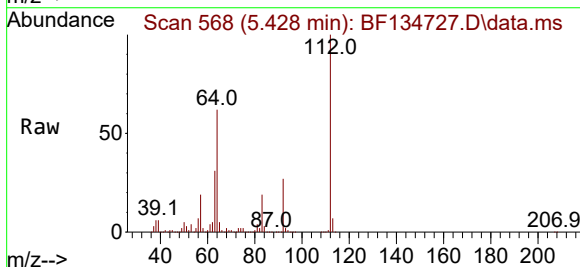
Instrument :
BNA_F
ClientSampleId :
WC-27

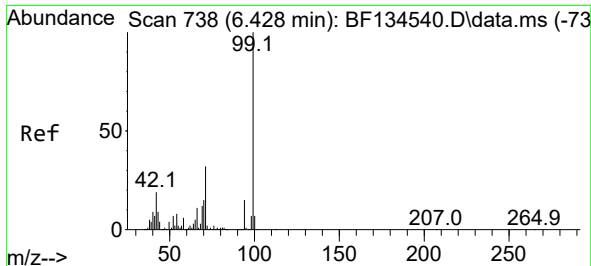
Tgt Ion:152 Resp: 166153
Ion Ratio Lower Upper
152 100
150 156.4 128.3 192.5
115 61.8 52.4 78.6



#5
2-Fluorophenol
Concen: 63.462 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:112 Resp: 693666
Ion Ratio Lower Upper
112 100
64 62.5 44.9 67.3
63 31.3 25.4 38.0

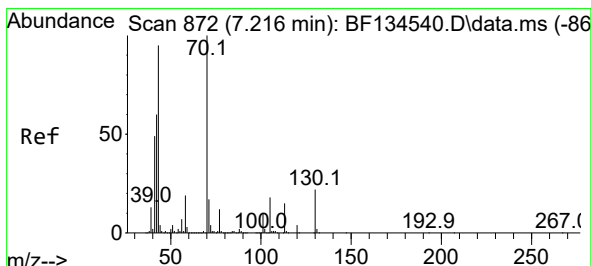
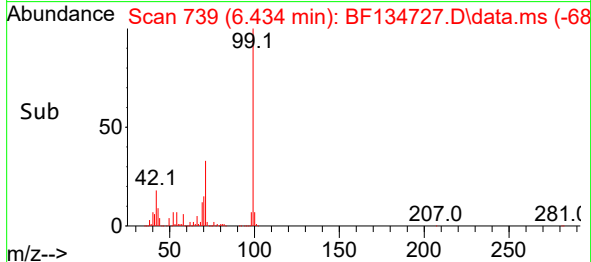
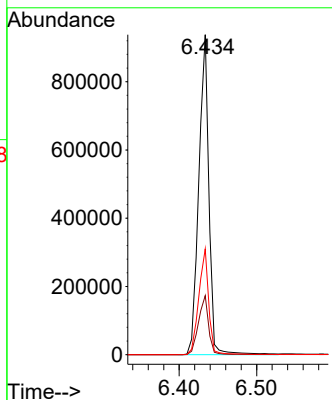
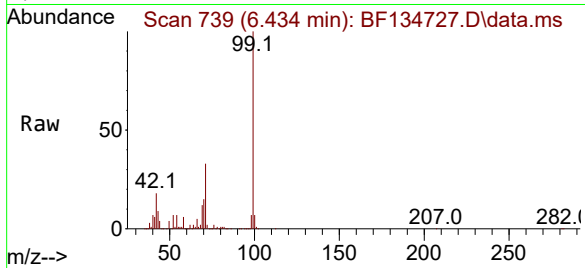




#7
Phenol-d6
Concen: 60.870 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

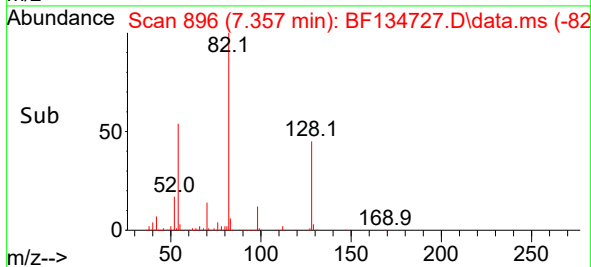
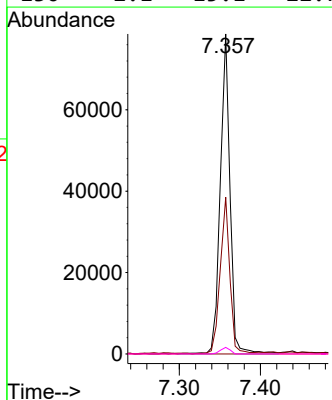
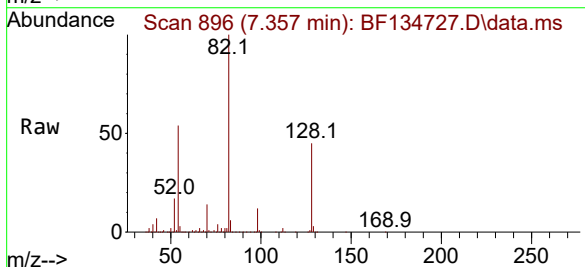
Instrument :
BNA_F
ClientSampleId :
WC-27

Tgt Ion: 99 Resp: 850497
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.897 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion: 70 Resp: 66067
Ion Ratio Lower Upper
70 100
42 49.0 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

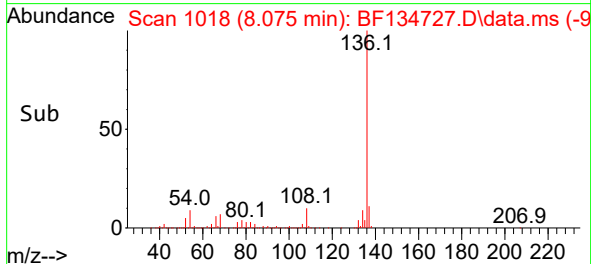
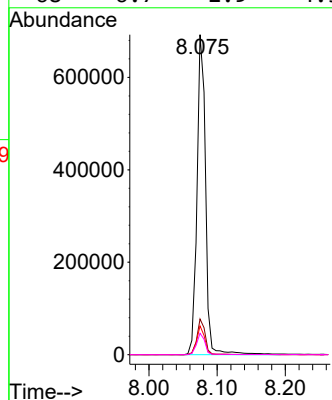
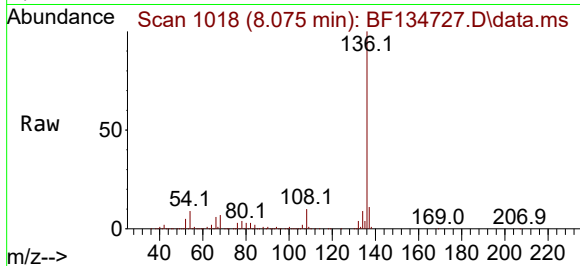




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

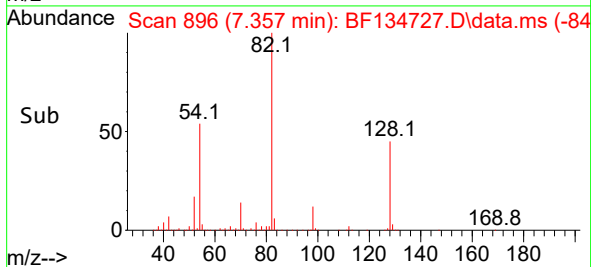
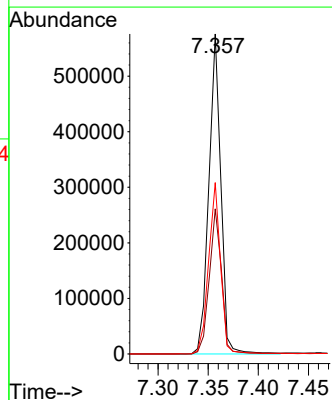
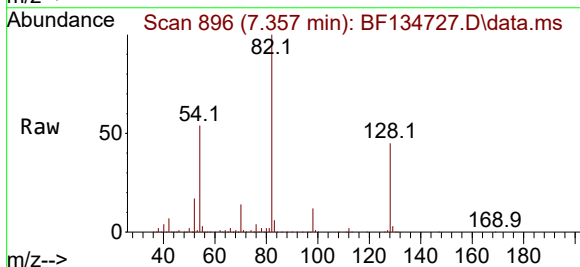
Instrument :
BNA_F
ClientSampleId :
WC-27

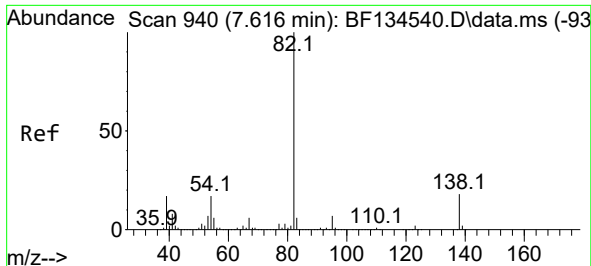
Tgt Ion:136 Resp: 605073
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 5.2 7.8#
68 6.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 49.784 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion: 82 Resp: 482028
Ion Ratio Lower Upper
82 100
128 45.4 34.3 51.5
54 53.6 43.8 65.6

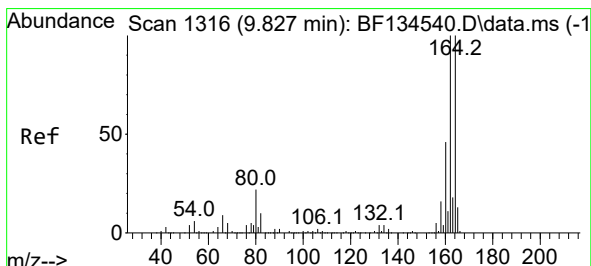
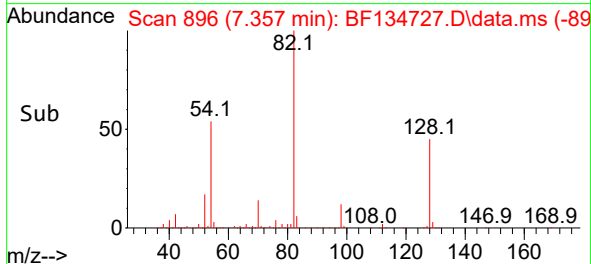
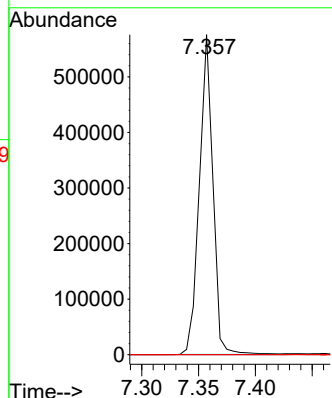
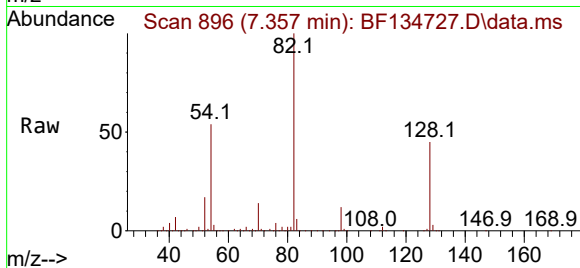




#25
Isophorone
Concen: 22.702 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

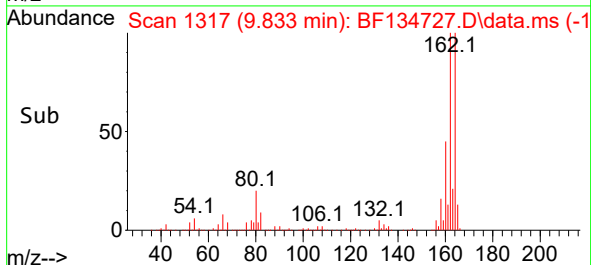
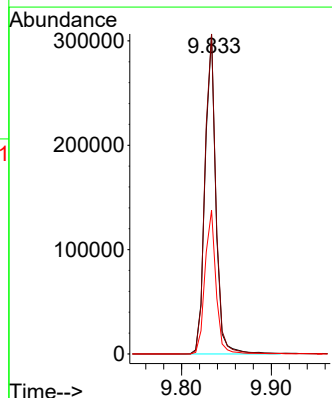
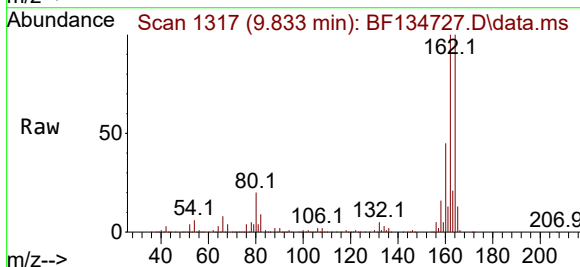
Instrument :
BNA_F
ClientSampleId :
WC-27

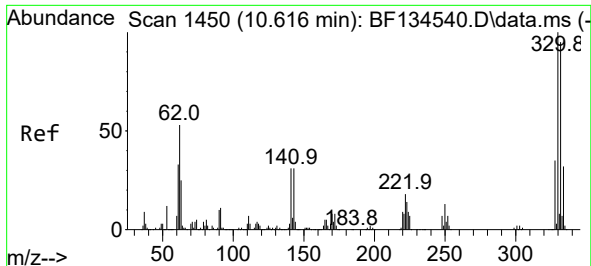
Tgt Ion: 82 Resp: 479414
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:164 Resp: 257157
Ion Ratio Lower Upper
164 100
162 100.2 82.6 123.8
160 45.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 64.015 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

WC-27

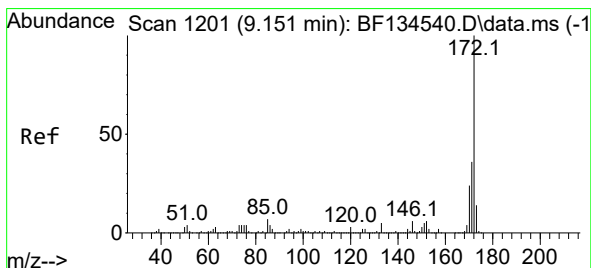
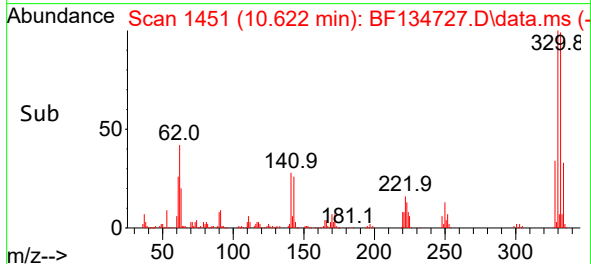
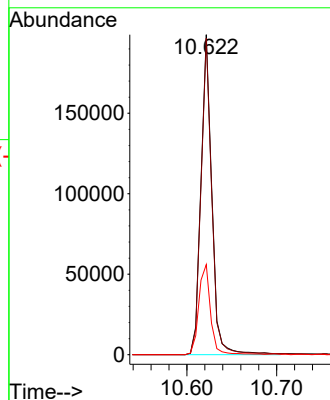
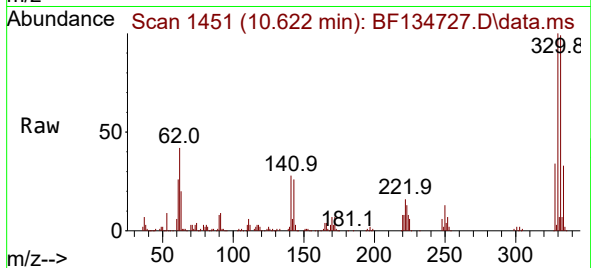
Tgt Ion:330 Resp: 167814

Ion Ratio Lower Upper

330 100

332 98.3 78.8 118.2

141 30.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 56.521 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

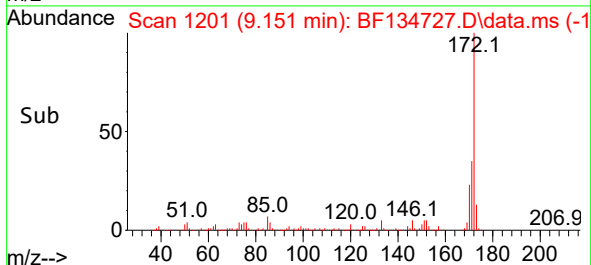
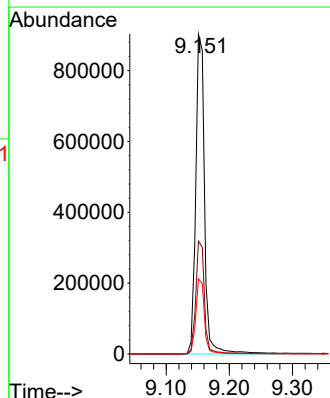
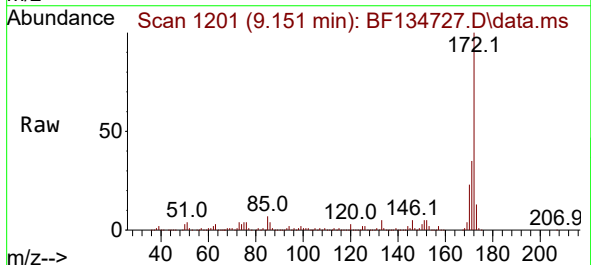
Tgt Ion:172 Resp: 874177

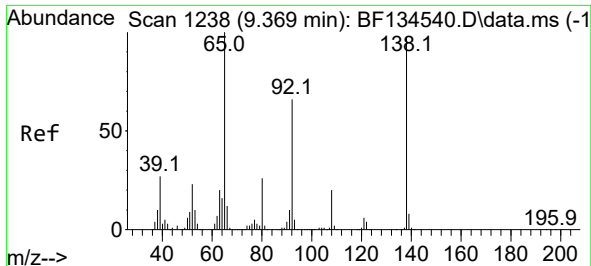
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.5 18.7 28.1

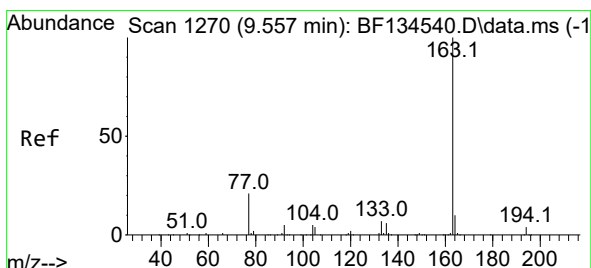
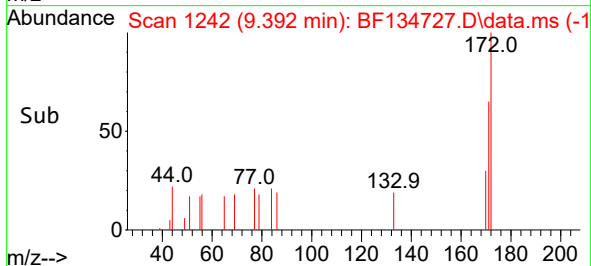
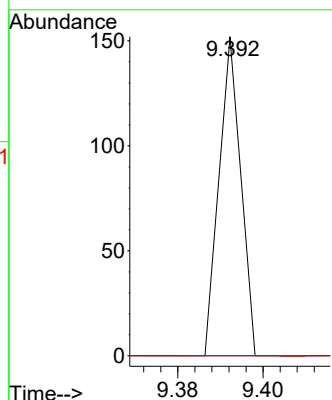
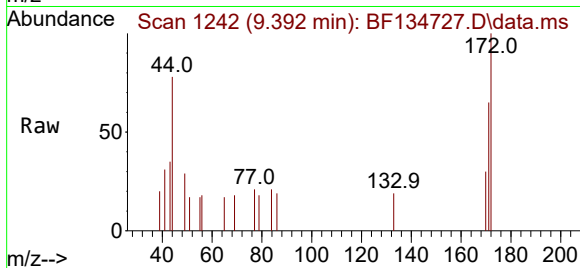




#48
2-Nitroaniline
Concen: 3.177 ng
RT: 9.392 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

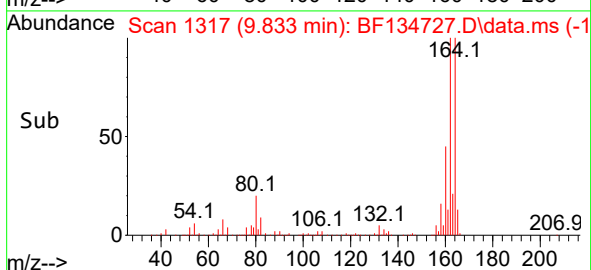
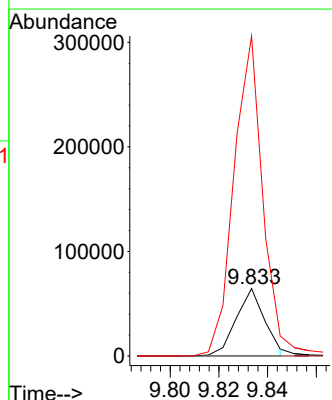
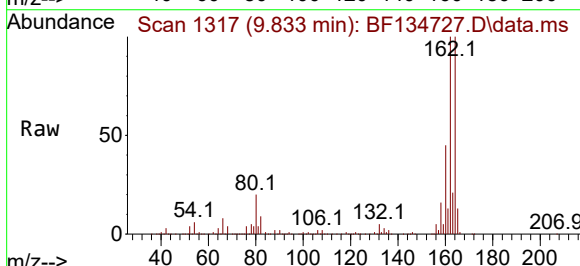
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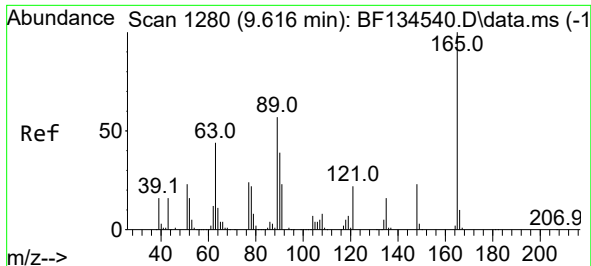
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.016 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion: 163 Resp: 52870
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 474.5 7.5 11.3#

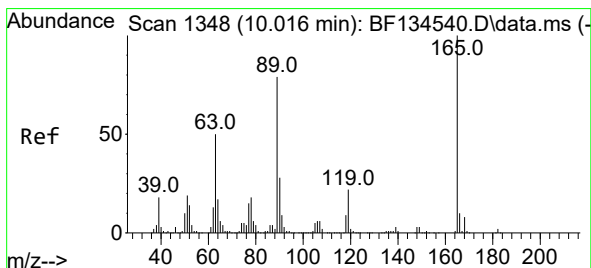
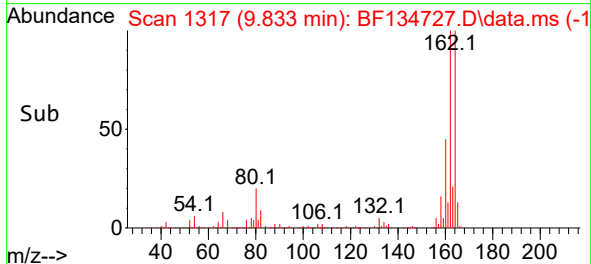
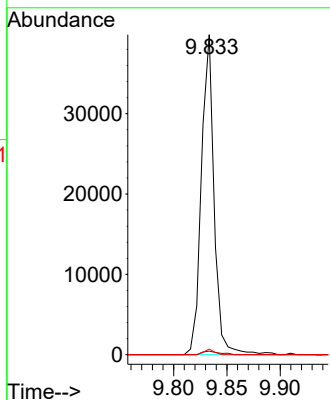
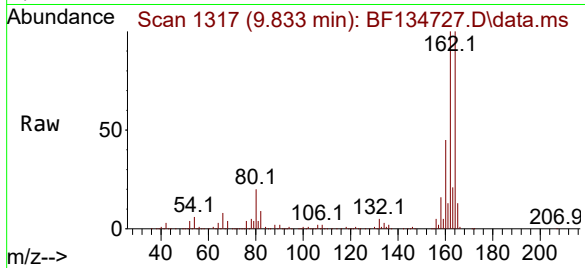




#51
2,6-Dinitrotoluene
Concen: 11.288 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

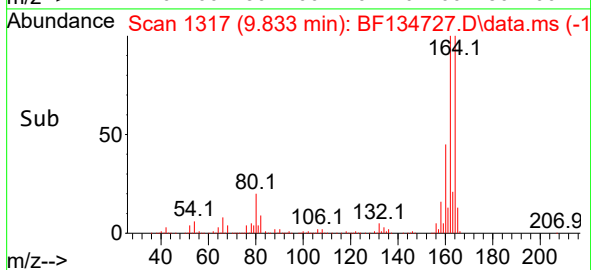
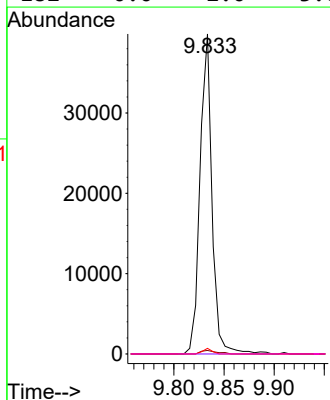
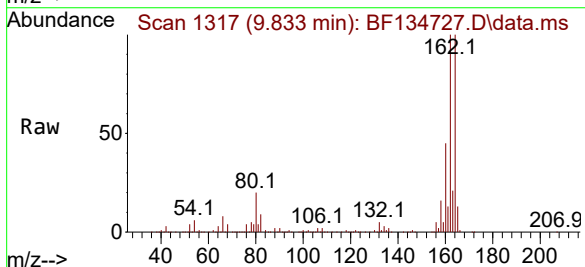
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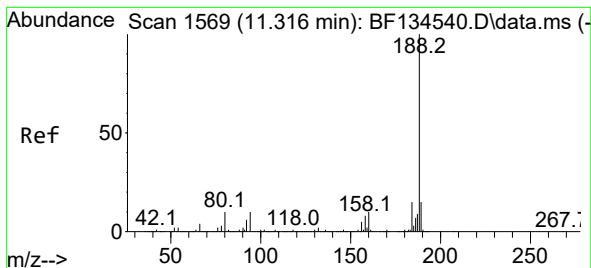
Tgt Ion:165 Resp: 33306
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.8 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.074 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:165 Resp: 33307
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.8 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

WC-27

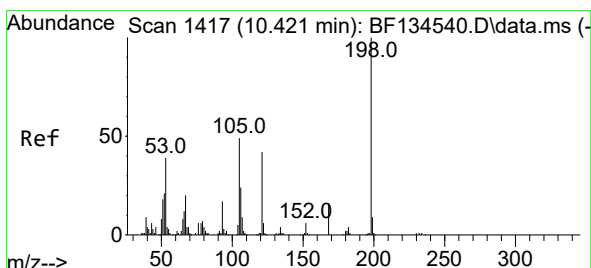
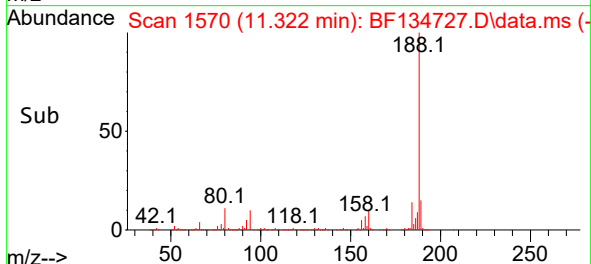
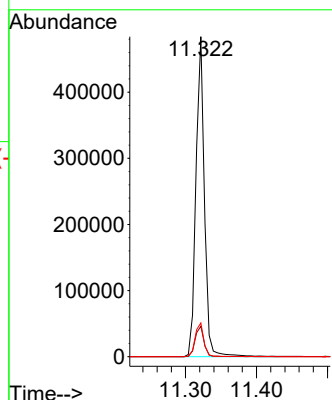
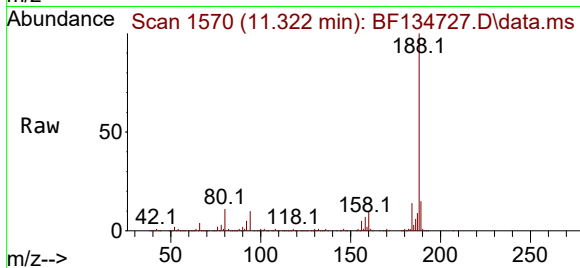
Tgt Ion:188 Resp: 402878

Ion Ratio Lower Upper

188 100

94 9.5 5.1 7.7#

80 10.5 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.946 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.182 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

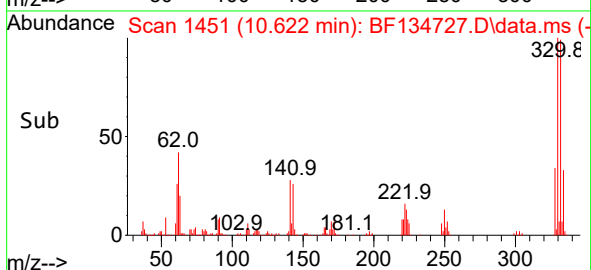
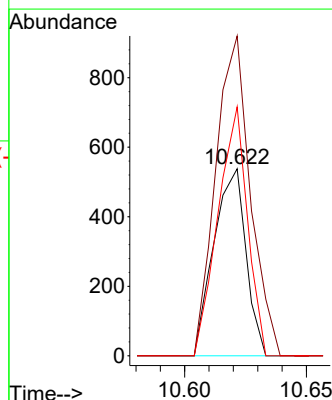
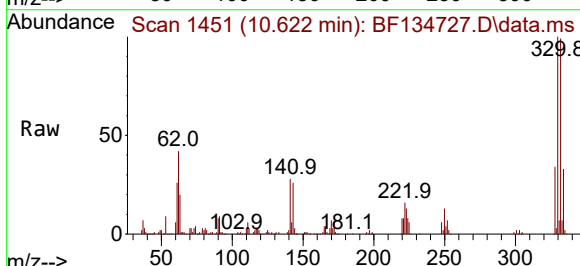
Tgt Ion:198 Resp: 492

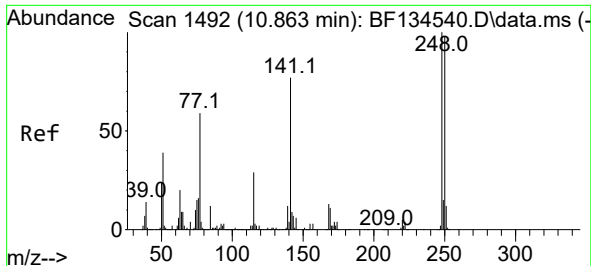
Ion Ratio Lower Upper

198 100

51 171.0 38.6 78.6#

105 133.1 27.9 67.9#

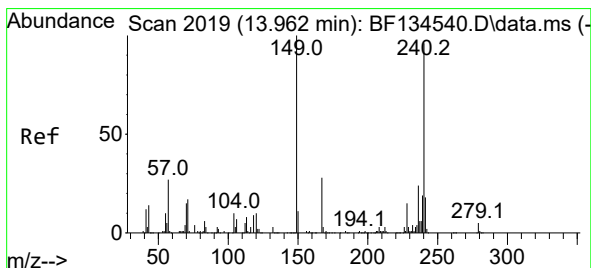
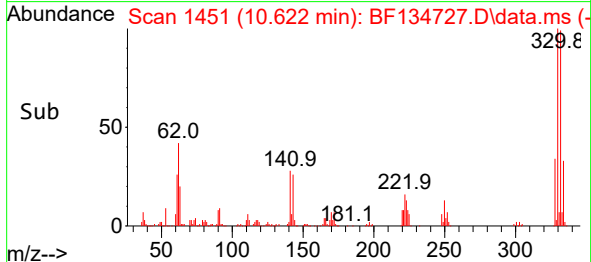
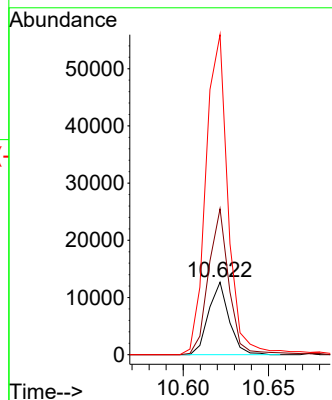
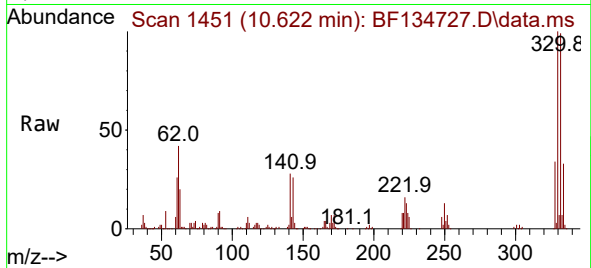




#67
4-Bromophenyl-phenylether
Concen: 2.407 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

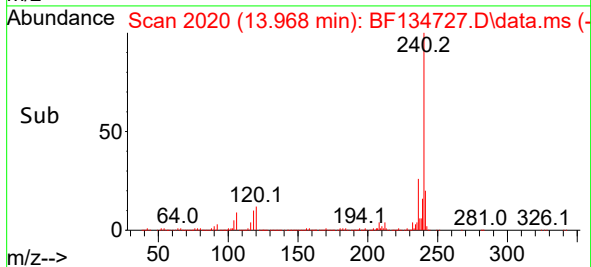
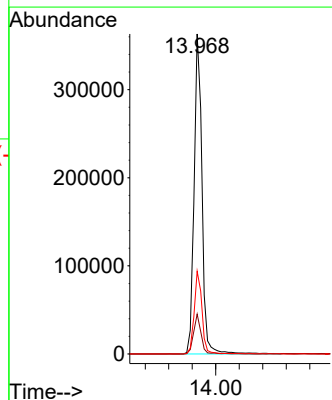
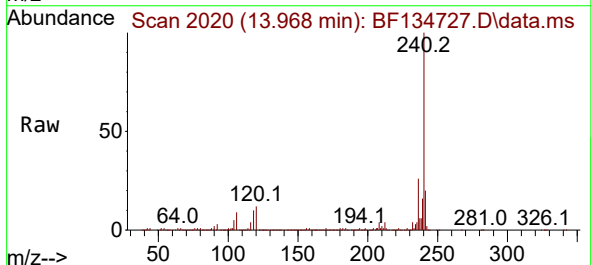
Instrument :
BNA_F
ClientSampleId :
WC-27

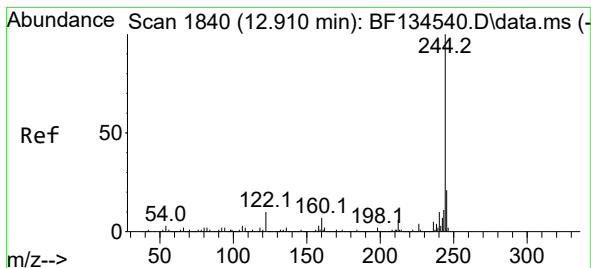
Tgt Ion:248 Resp: 10616
Ion Ratio Lower Upper
248 100
250 201.1 79.6 119.4#
141 441.0 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:240 Resp: 338181
Ion Ratio Lower Upper
240 100
120 12.5 6.6 10.0#
236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 43.789 ng

RT: 12.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

WC-27

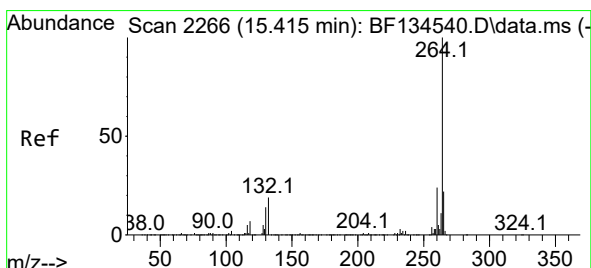
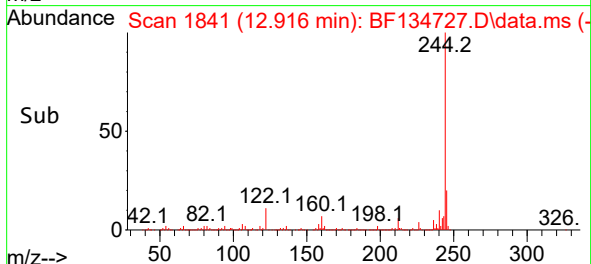
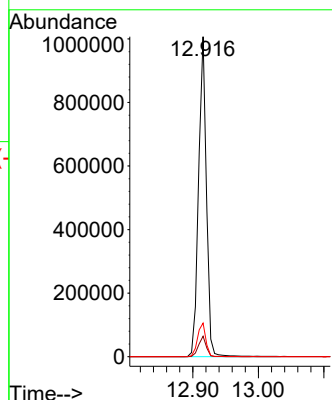
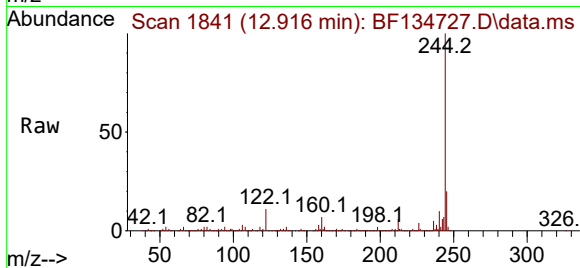
Tgt Ion:244 Resp: 840026

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Tgt Ion:264 Resp: 276049

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 23.1 15.8 23.8

