

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126340.D
 Acq On : 23 Dec 2021 13:02
 Operator : JU/CG
 Sample : PB141629BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141629BL

Quant Time: Dec 27 06:48:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

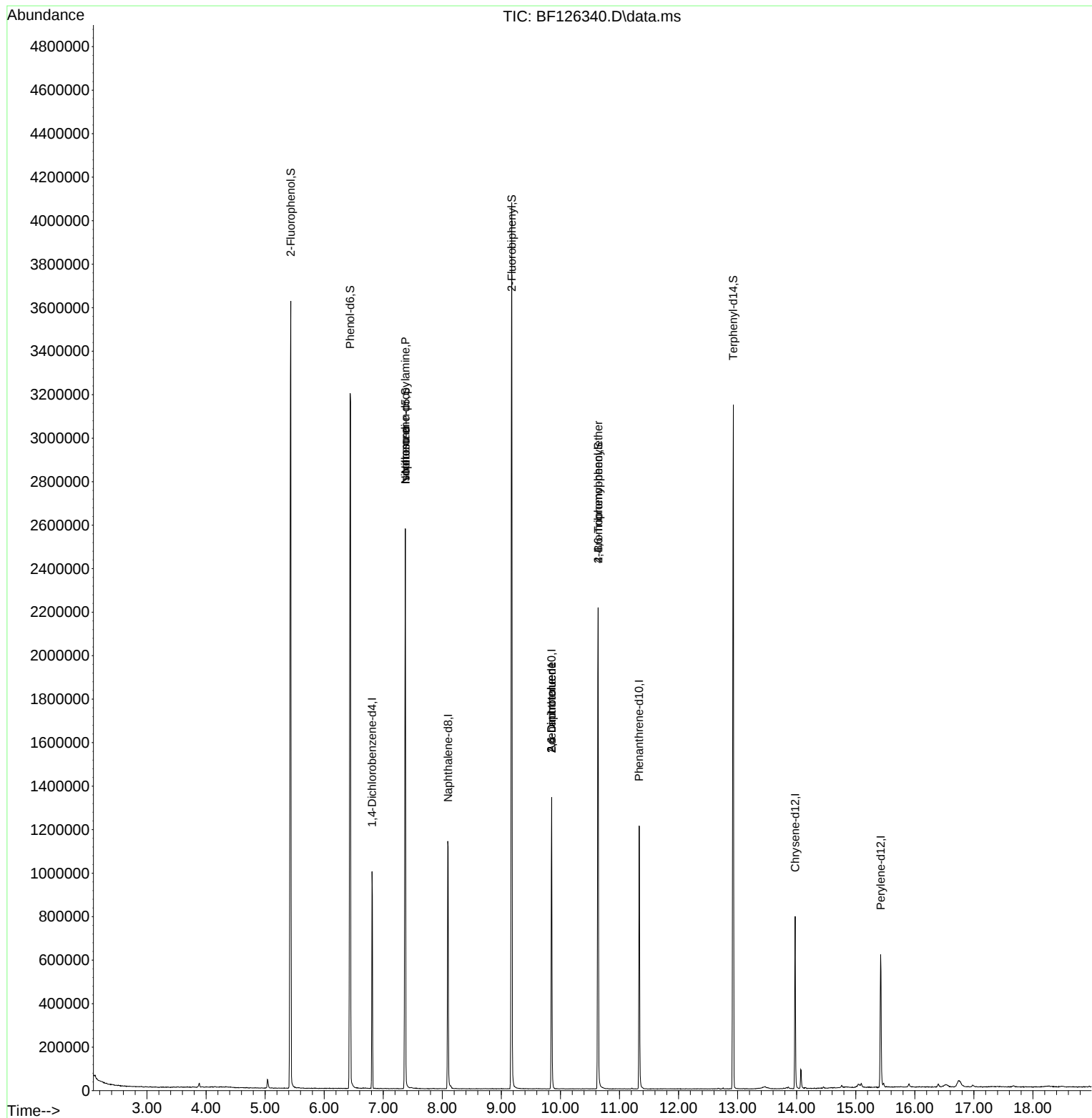
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	142078	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	602842	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	281474	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	438088	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	255890	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	263233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1144399	118.618	ng	0.00
7) Phenol-d6	6.439	99	1443200	117.810	ng	0.00
23) Nitrobenzene-d5	7.375	82	944070	84.815	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	274260	121.244	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1283532	79.978	ng	0.00
79) Terphenyl-d14	12.927	244	1071481	72.780	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	120602	16.037	ng	# 56
25) Isophorone	7.375	82	939063	44.675	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	35102	9.096	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	35102	7.130	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	14506	3.528	ng	# 1

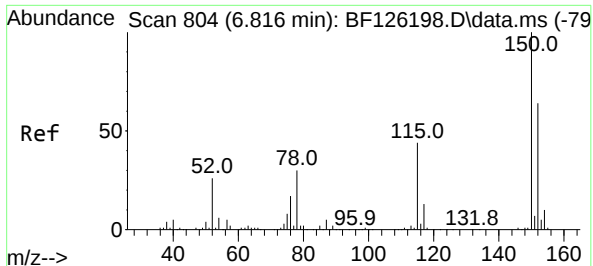
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

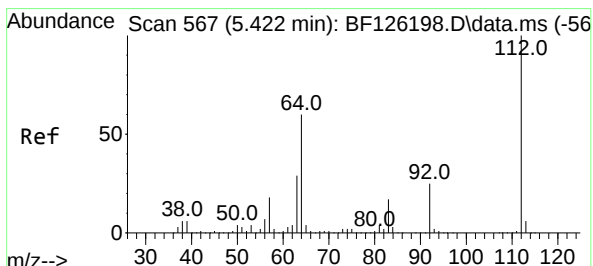
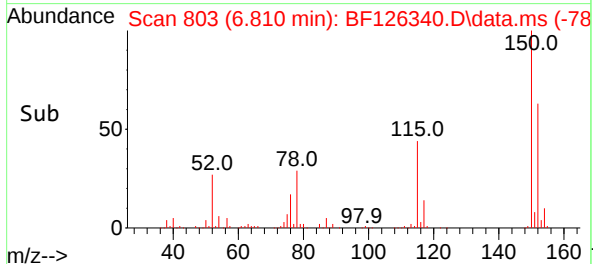
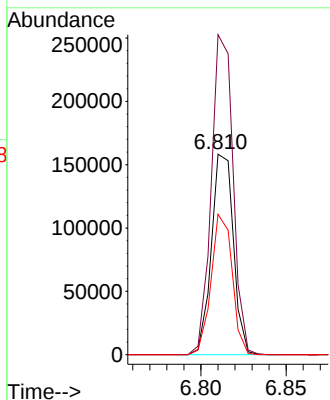
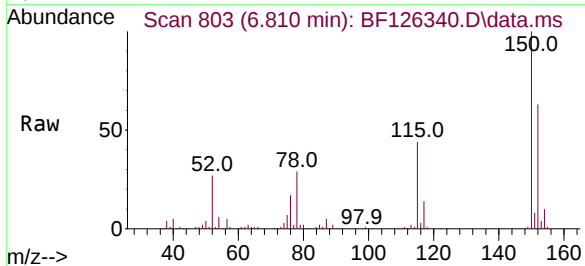




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

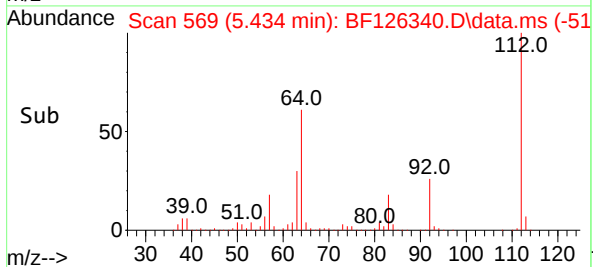
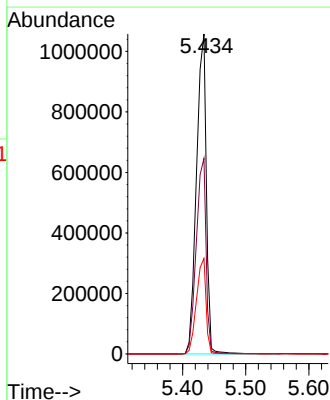
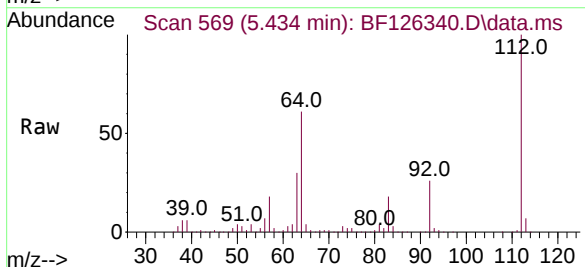
Instrument :
BNA_F
ClientSampleId :
PB141629BL

Tgt Ion:152 Resp: 142078
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 70.0 47.1 70.7



#5
2-Fluorophenol
Concen: 118.618 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion:112 Resp: 1144399
Ion Ratio Lower Upper
112 100
64 61.1 44.2 66.2
63 29.8 26.2 39.2

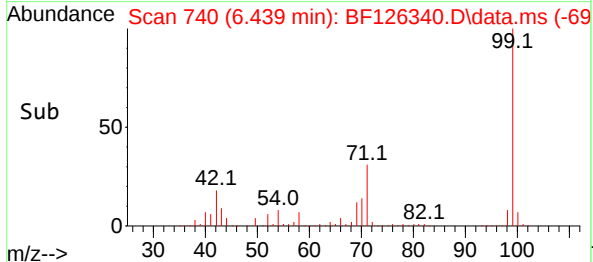
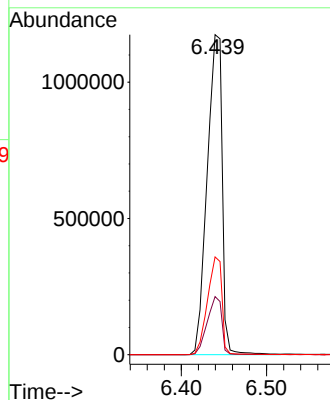
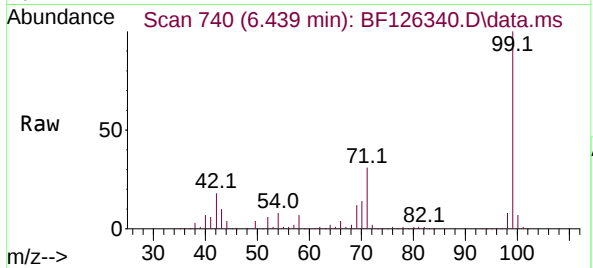




#7
Phenol-d6
Concen: 117.810 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

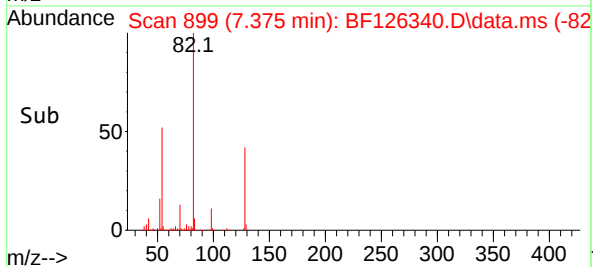
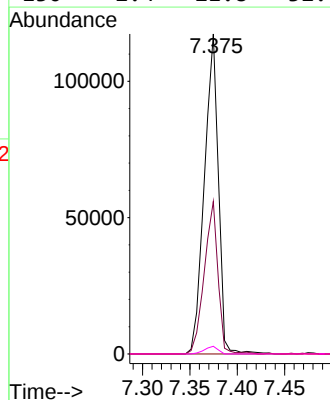
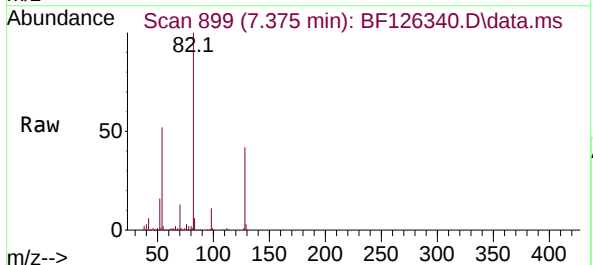
Instrument :
BNA_F
ClientSampleId :
PB141629BL

Tgt Ion: 99 Resp: 1443200
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.037 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion: 70 Resp: 120602
Ion Ratio Lower Upper
70 100
42 47.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

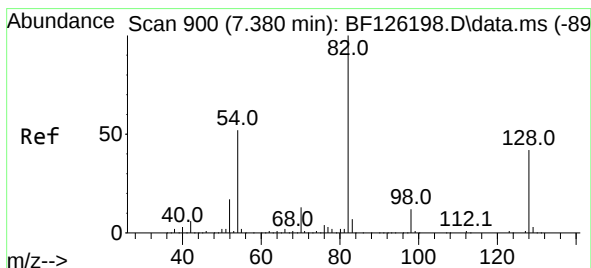
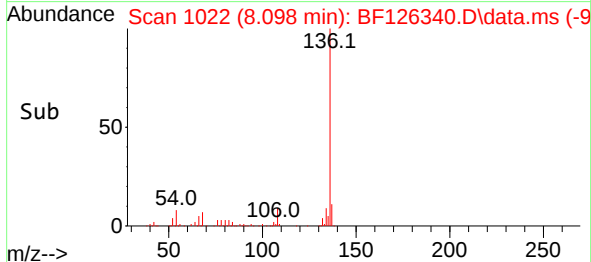
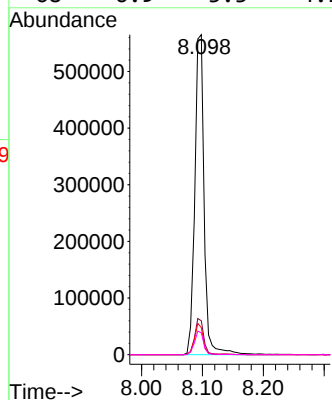
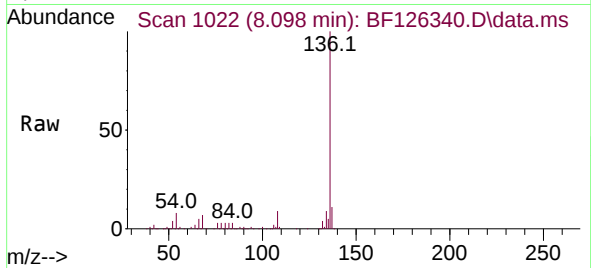




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

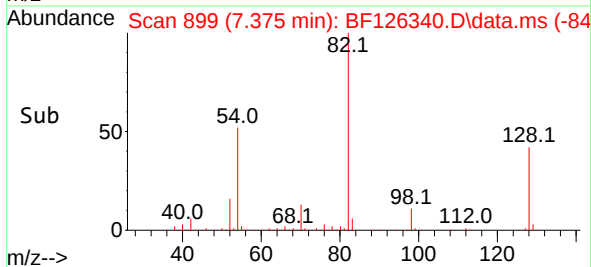
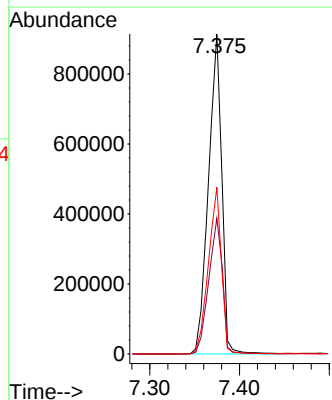
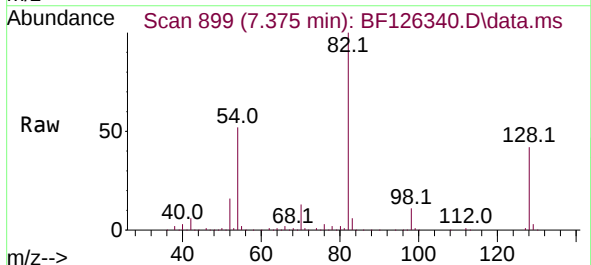
Instrument :
BNA_F
ClientSampleId :
PB141629BL

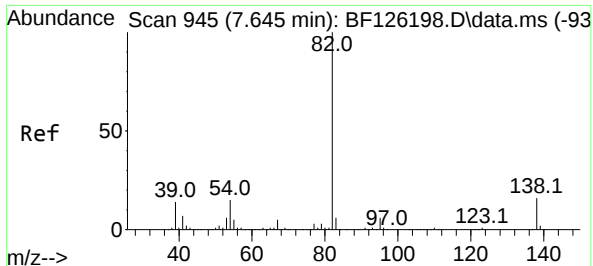
Tgt Ion:136 Resp: 602842
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.4 6.4 9.6
68 6.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.815 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion: 82 Resp: 944070
Ion Ratio Lower Upper
82 100
128 42.4 40.6 60.8
54 52.1 49.6 74.4

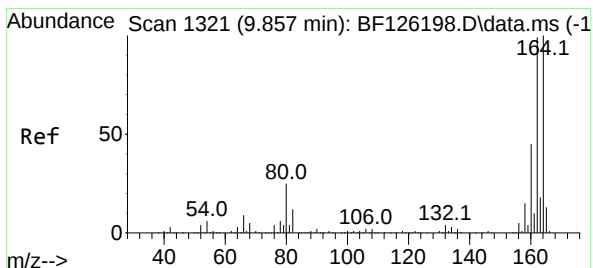
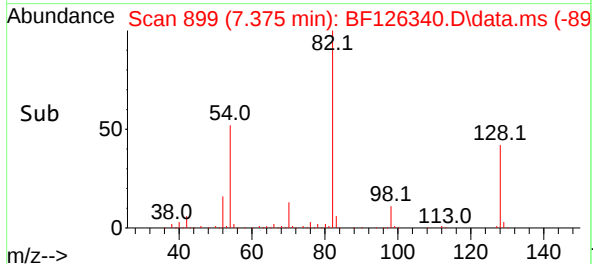
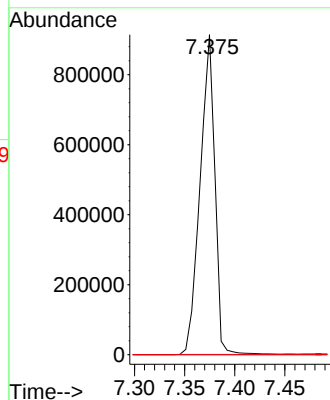
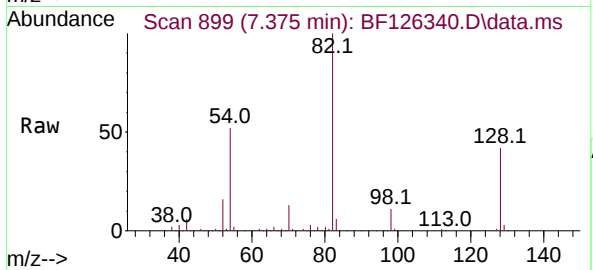




#25
Isophorone
Concen: 44.675 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

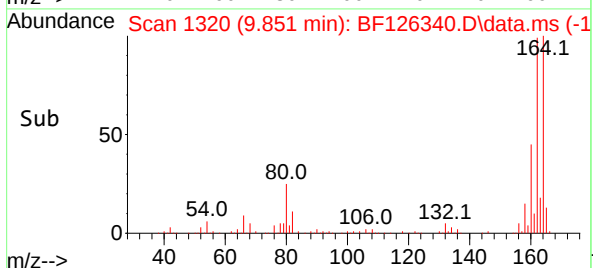
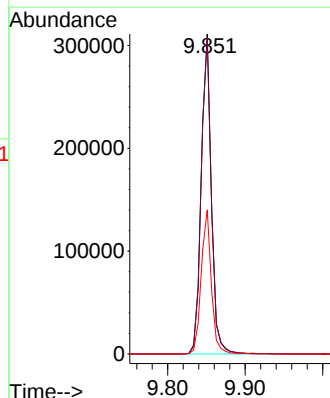
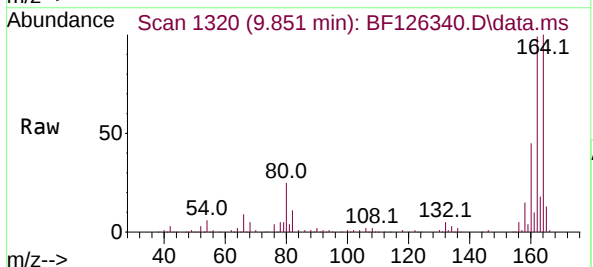
Instrument :
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ClientSampleId :
PB141629BL

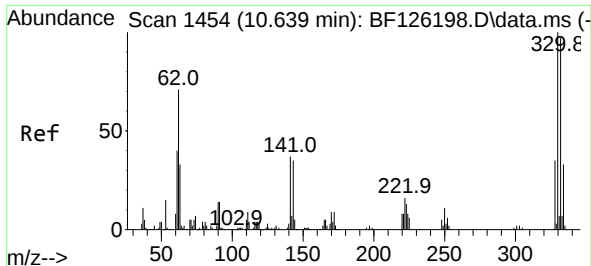
Tgt Ion: 82 Resp: 939063
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion: 164 Resp: 281474
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 45.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 121.244 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126340.D

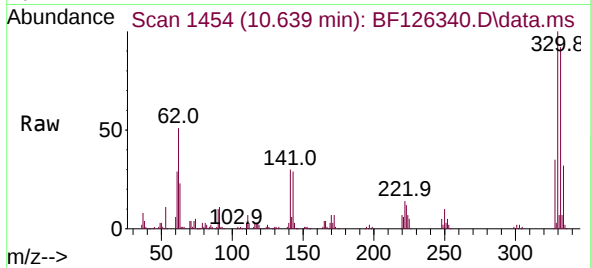
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Instrument :

BNA_F

ClientSampleId :

PB141629BL



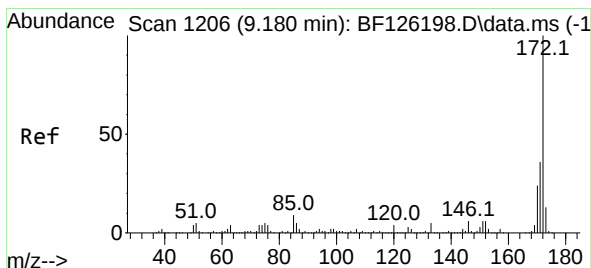
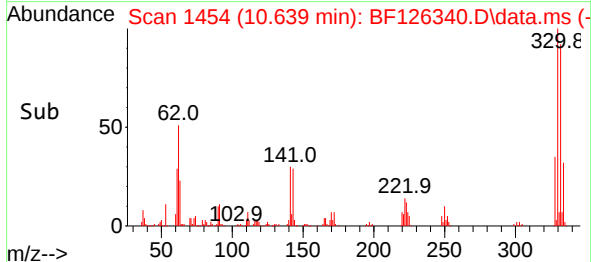
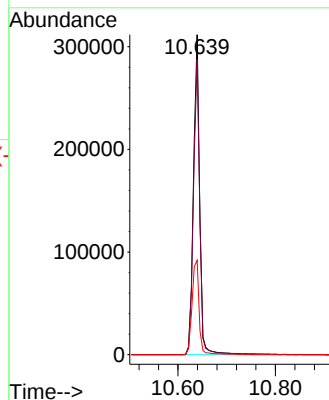
Tgt Ion:330 Resp: 274260

Ion Ratio Lower Upper

330 100

332 93.9 76.2 114.4

141 33.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 79.978 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126340.D

Acq: 23 Dec 2021 13:02

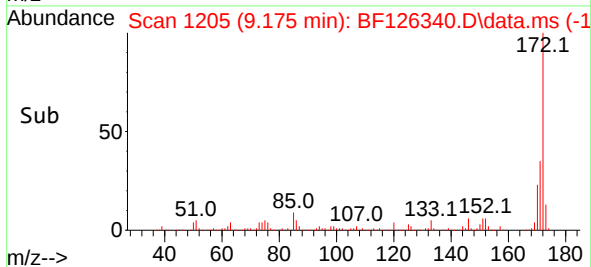
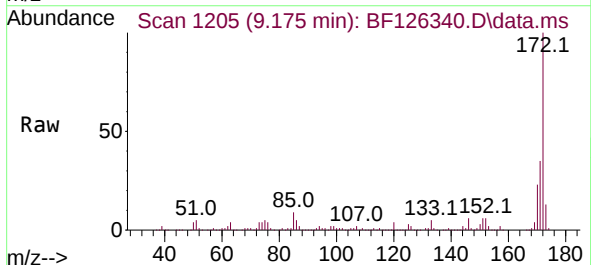
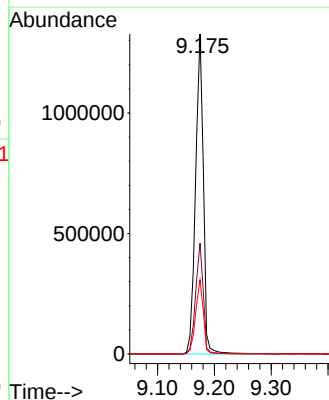
Tgt Ion:172 Resp: 1283532

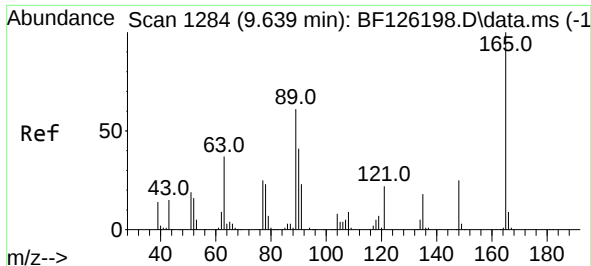
Ion Ratio Lower Upper

172 100

171 34.6 26.5 39.7

170 23.1 18.8 28.2

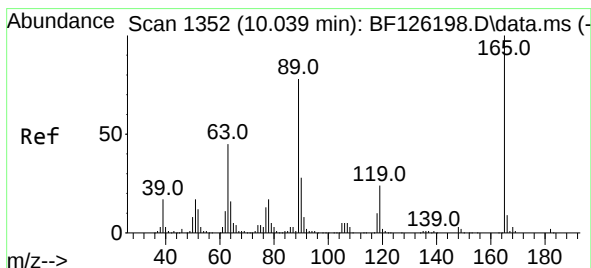
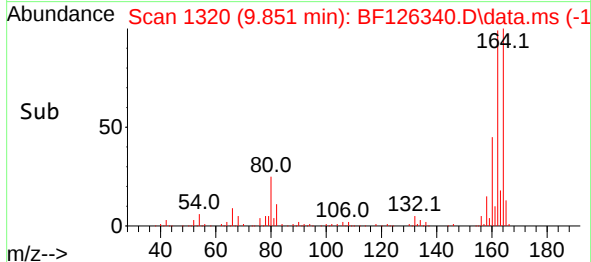
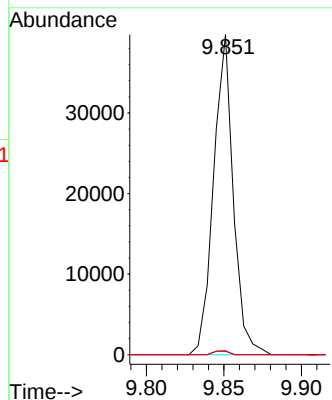
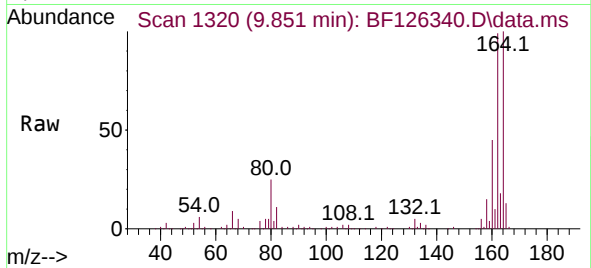




#51
2,6-Dinitrotoluene
Concen: 9.096 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

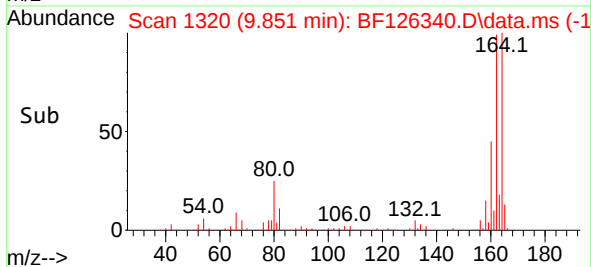
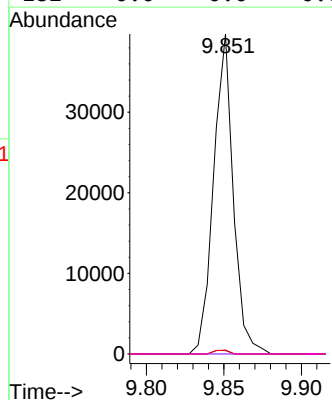
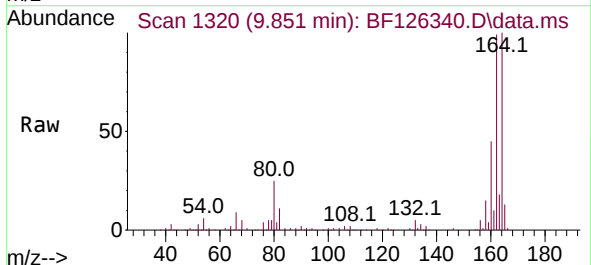
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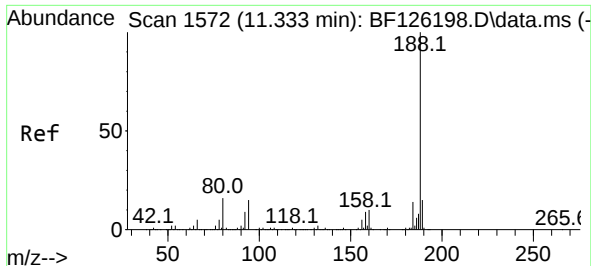
Tgt Ion:165 Resp: 35102
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.130 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion:165 Resp: 35102
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

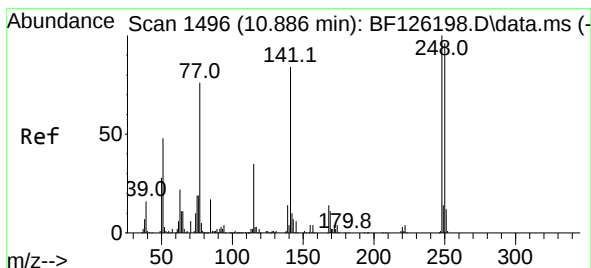
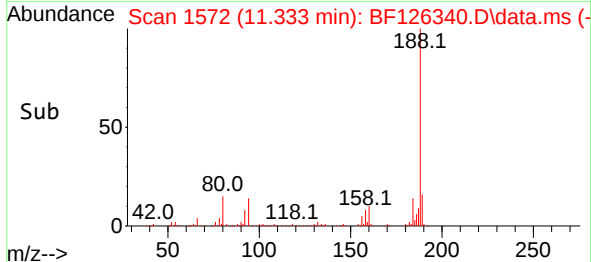
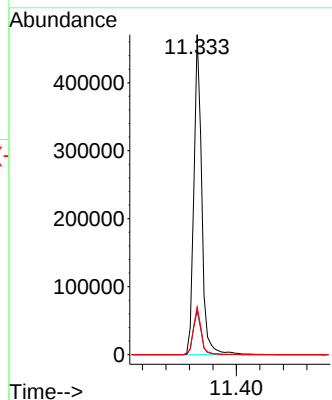
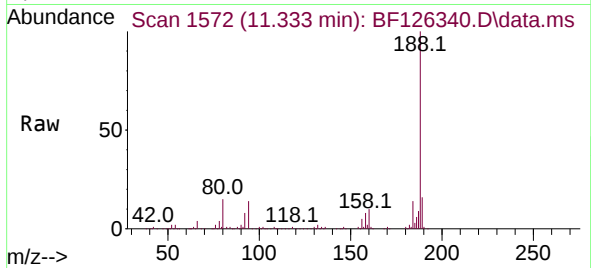




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

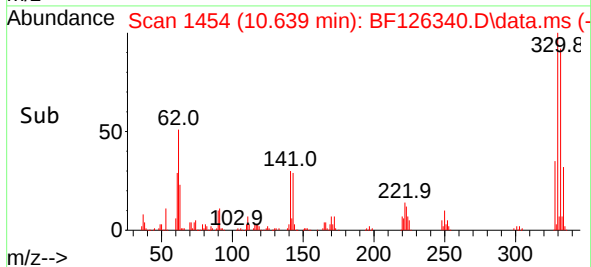
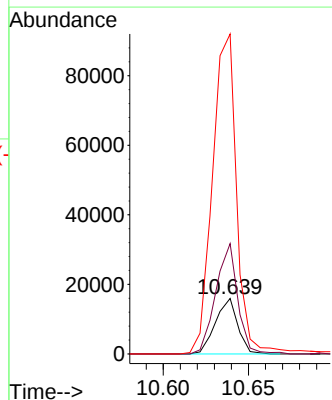
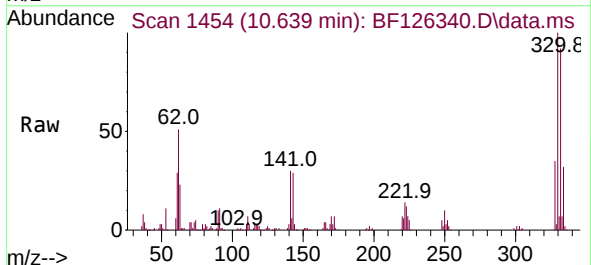
Instrument :
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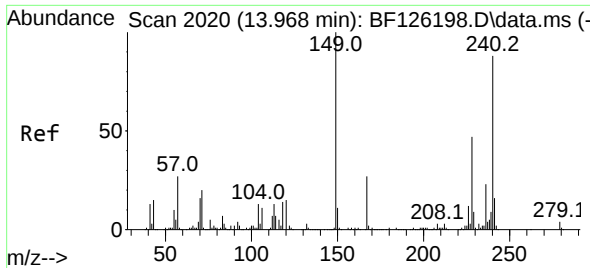
Tgt Ion:188 Resp: 438088
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 14.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion:248 Resp: 14506
Ion Ratio Lower Upper
248 100
250 199.0 74.2 111.4#
141 577.0 60.4 90.6#

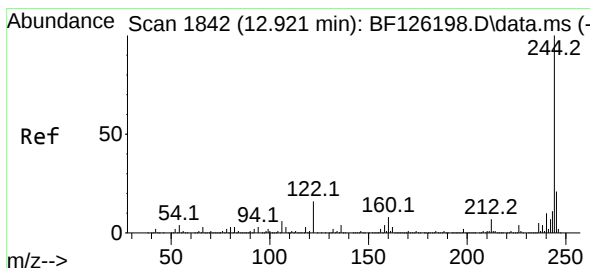
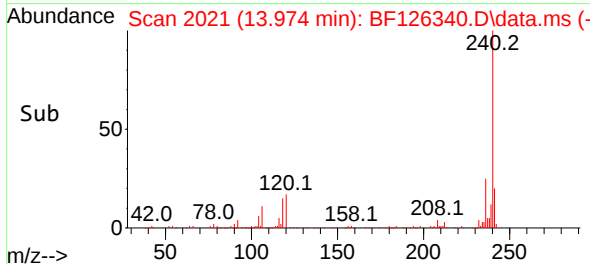
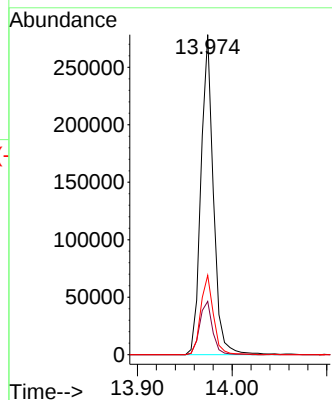
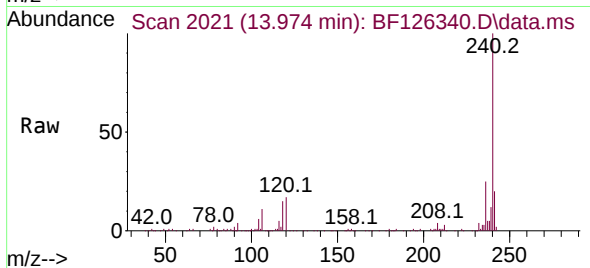




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

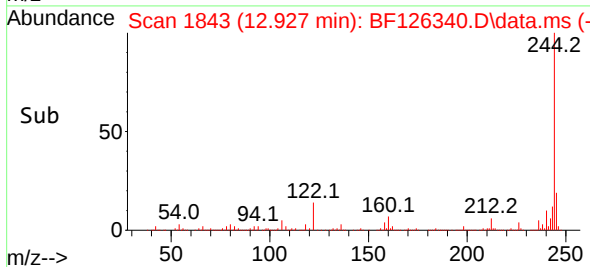
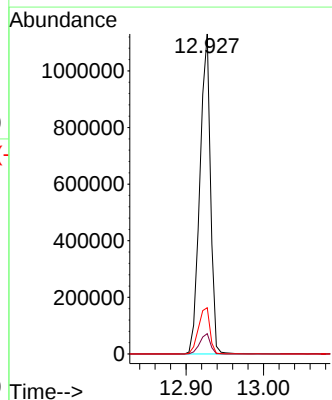
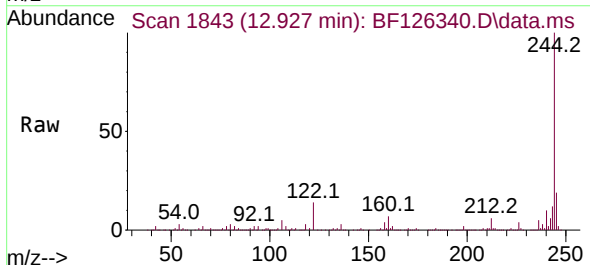
Instrument :
BNA_F
ClientSampleId :
PB141629BL

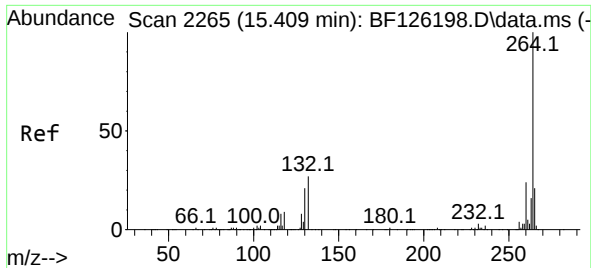
Tgt Ion:240 Resp: 255890
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 72.780 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Tgt Ion:244 Resp: 1071481
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 14.5 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126340.D
Acq: 23 Dec 2021 13:02

Instrument :
BNA_F
ClientSampleId :
PB141629BL

Tgt Ion:264 Resp: 263233

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.4	17.2	25.8

